

## ARBECA: RESUM MESURES

OPERADOR	SERVEI DE VEU	SERVEI DE DADES
MOVISTAR	CORRECTE (3G)	CORRECTE (4G)
VODAFONE	CORRECTE (3G)	CORRECTE (3G/4G)
ORANGE	CORRECTE (3G)	CORRECTE (4G)

Comentaris:

No es troben deficiències que afectin a més del 20% del nucli mesurat per al servei de veu o dades dels operadors Movistar i Orange i Vodafone.

No es té cap informació relativa a si hi ha o no fibra òptica al municipi.

Servei de Movistar provinent del centre del poble. Servei de Vodafone i Orange provinent del sud del poble.



**TELEFONICA MOVILES ESPAÑA, S.A.U.**

Estación: 2500195  
Dirección: CL NOU, s/n. ARBECA, LLEIDA  
Posición: 41.542417 lat / 0.921167 lng  
Elevación: **Sólo PRO**

ID	BANDA	MODOS*
i	1910.00 - 1915.00; 2155.00 - 2170.00	3G
i	852.00 - 862.00	4G
i	935.10 - 949.90	2G
i	935.10 - 949.90	2G



Arbeca

### ORANGE ESPAGNE, S.A.U.

Estación: CATR5377A

Dirección: VP Polígono 16 Parcela 42. ARBECA, LLEIDA

Posición: 41.535311 lat / 0.920775 lng

Elevación: **Sólo PRO**

ID	BANDA	MODOS*
i	1900.00 - 1905.00; 2125.00 - 2140.00	3G
i	832.00 - 842.00	4G
i	925.10 - 935.10	2G 3G

### VODAFONE ESPAÑA, S.A.

Estación: 84451

Dirección: ZN Polígono 16 Parcela 42. ARBECA, LLEIDA

Posición: 41.535311 lat / 0.920775 lng

Elevación: **Sólo PRO**

ID	BANDA	MODOS*
i	842.00 - 852.00	4G
i	949.90 - 959.90	2G 3G
i	949.90 - 959.90	2G 3G





# RantCell User QoE test report

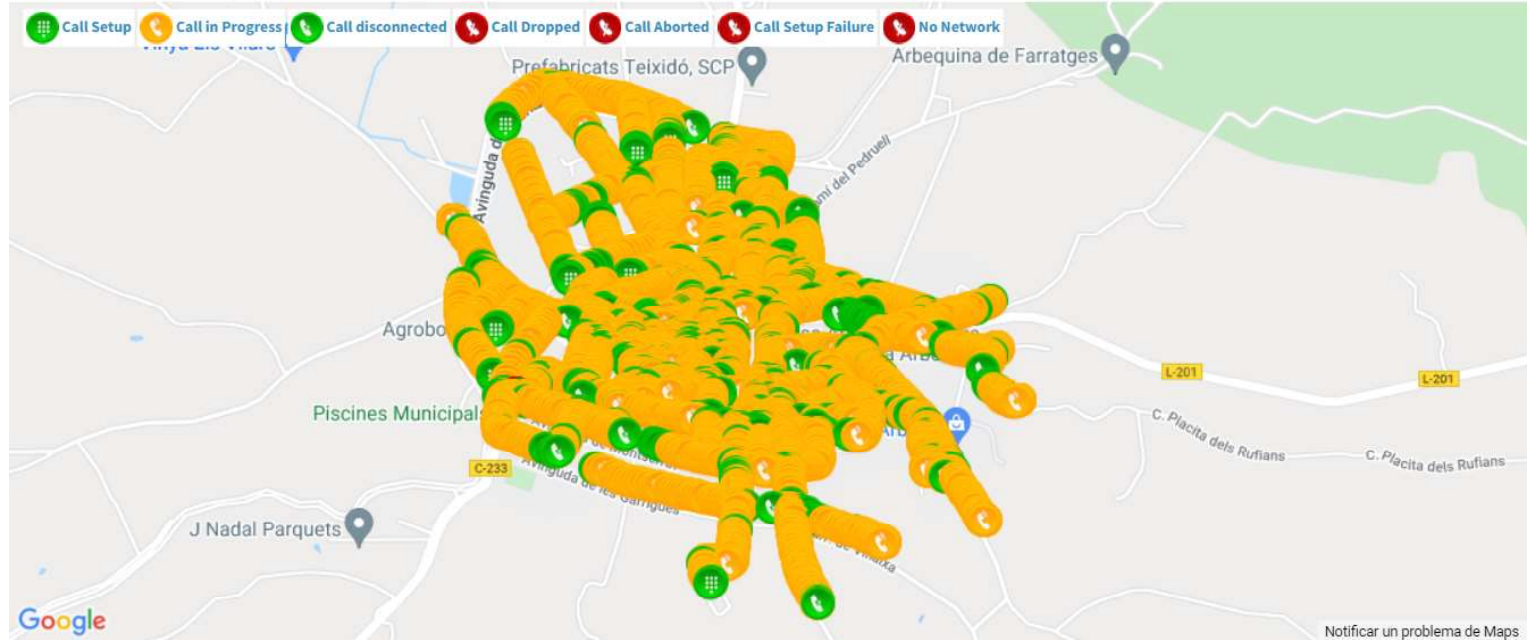


OperatorName	21407_Movistar
Test phone Model/Models	Samsung SM-A226B
Report Generation Time	Mar 25, 2022 7:08:57 AM
Test StartTime	Mar 24, 2022 10:16:14 AM
Test EndTime	Mar 24, 2022 12:08:08 PM
Voice Call Test	Yes

## Voice call test report

Call test view of mobile operators for 21407\_Movistar

### MOVISTAR SERVEI DE VEU, MAPA DE TRUCADES, ARBECA



### Call test KPI statistics per mobile operator for 21407\_Movistar

Operators	21407
Total Calls Success	138
Total Calls Attempted	140
Total Calls Failed	2
Dropped Calls	0
Aborted Calls	0
CallSetup Failed	2
No Network <a href="#">?</a>	0
Attempted Voice call on 2G <a href="#">?</a>	0
Attempted Voice call on 3G <a href="#">?</a>	43
Successful CSFB call to 3G <a href="#">?</a>	95
CSFB call to 3G Failed <a href="#">?</a>	1
Not Determined(Voice CallType) <a href="#">?</a>	1

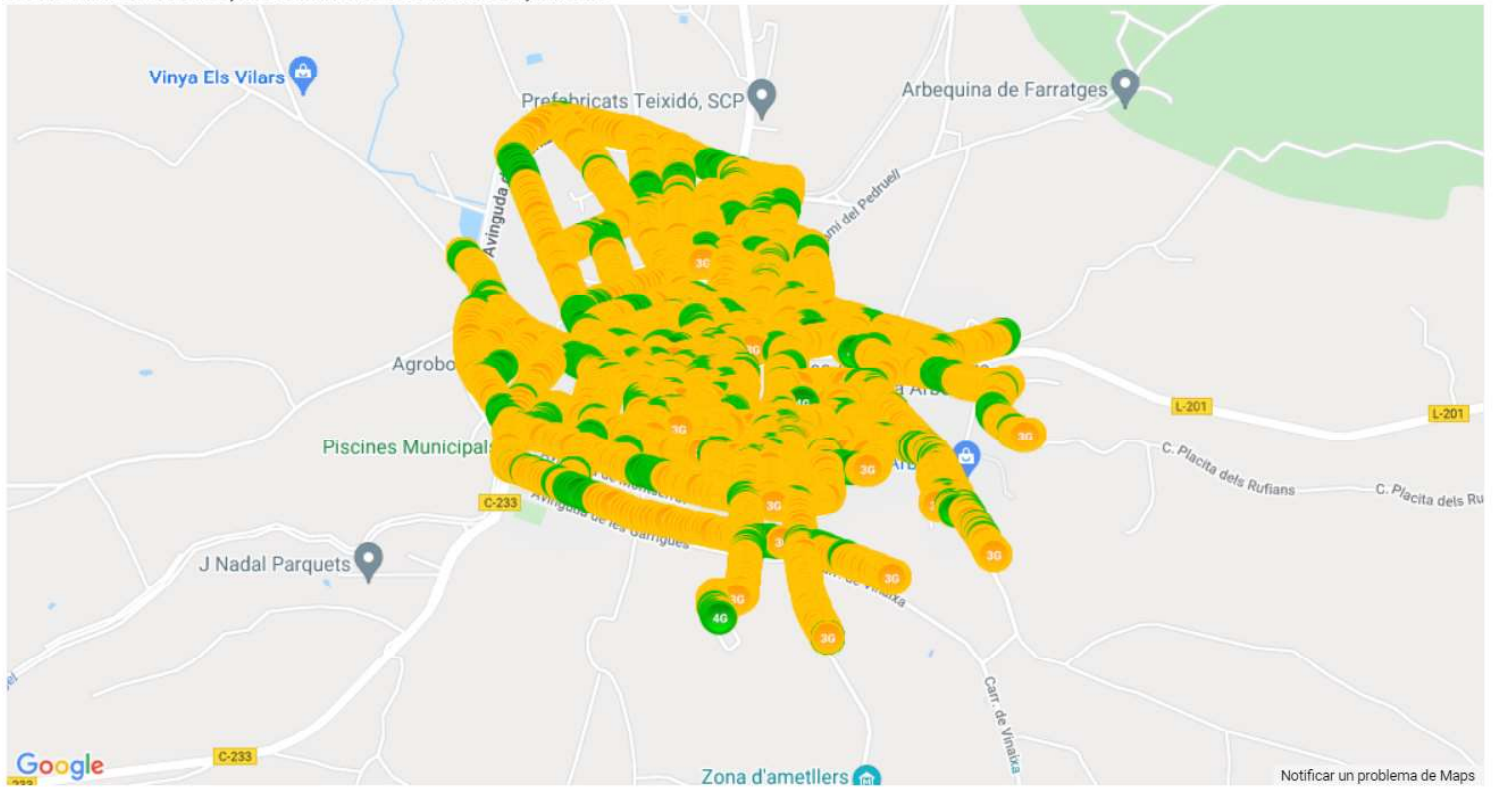
# User perceived mobile network coverage during tests



mobile network coverage during tests for operators 21407\_Movistar



MOVISTAR SERVEI DE VEU, ACCÉS A XARXES DE L'OPERADOR, ARBECA



RAN technology statistics per mobile network operator for 21407\_Movistar

Network Type	21407
5G	0.0000%
4G	14.2275%
3G	85.7725%
2G	0.0000%
CDMA	0.0000%
NONNETWORK	0.0000%
Total Geo samples	5890

RAN technology distribution chart per mobile network operator for 21407\_Movistar

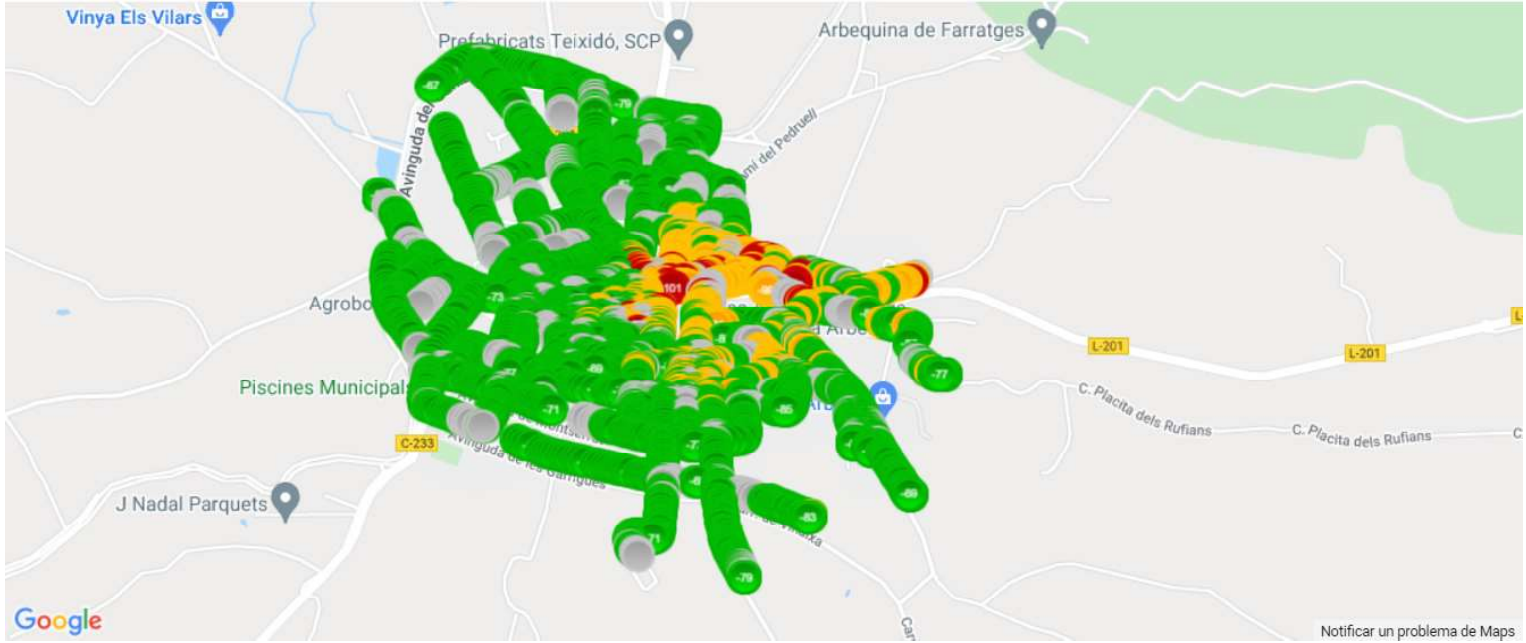


# RSSI view



RSSI KPI statistics per mobile operator for operator 21407\_Movistar

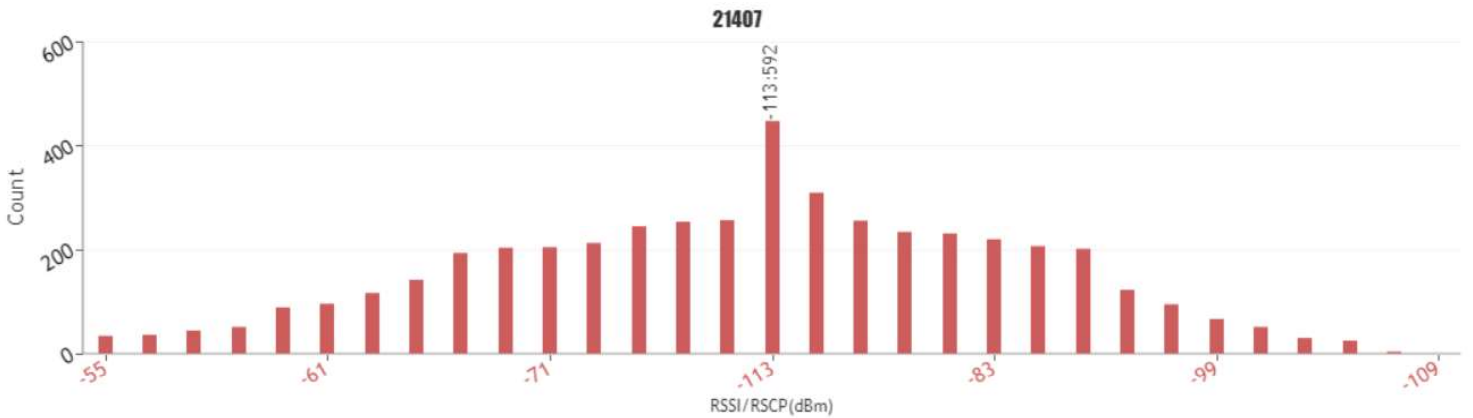
MOVISTAR SERVEI DE VEU, MAPA DE NIVELL DE SENYAL, ARBECA



RSSI KPI statistics per mobile operator for 21407\_Movistar

Operators	21407
<b>&gt;= -89dBm</b>	70.5554 % (count : 3417)
<b>B/w -99dBm to -90dBm</b>	14.8462 % (count : 719)
<b>B/w -112dBm to -100dBm</b>	2.3746 % (count : 115)
<b>&lt; -113dBm</b>	12.2238 % (count : 592)
Total Geo samples	4843

RSSI distribution chart per mobile operator for 21407\_Movistar



# RantCell User QoE test report



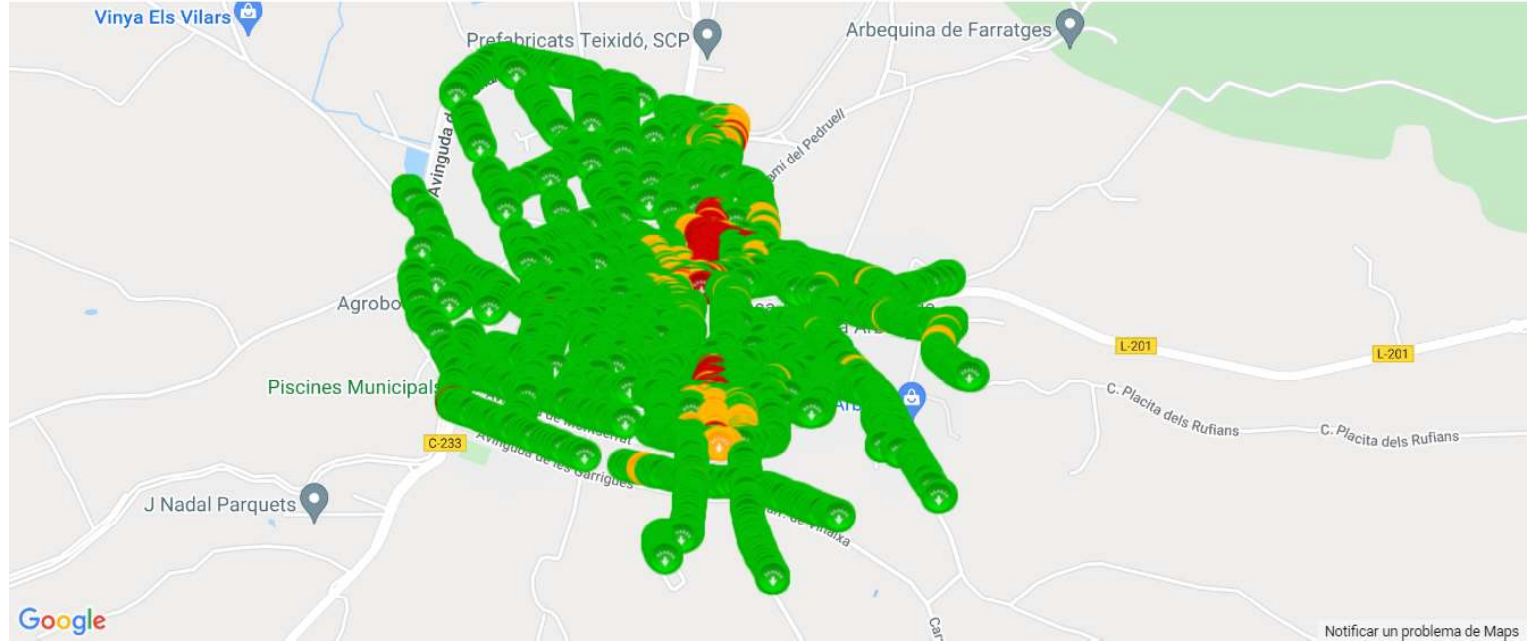
OperatorName	21407_Movistar
Test phone Model/Models	Samsung SM-A226B
Report Generation Time	Mar 25, 2022 8:27:13 AM
Test StartTime	Mar 24, 2022 10:16:02 AM
Test EndTime	Mar 24, 2022 12:07:31 PM
Download Speed Test	Yes

## Download speed test report

Download speed test view for 21407\_Movistar



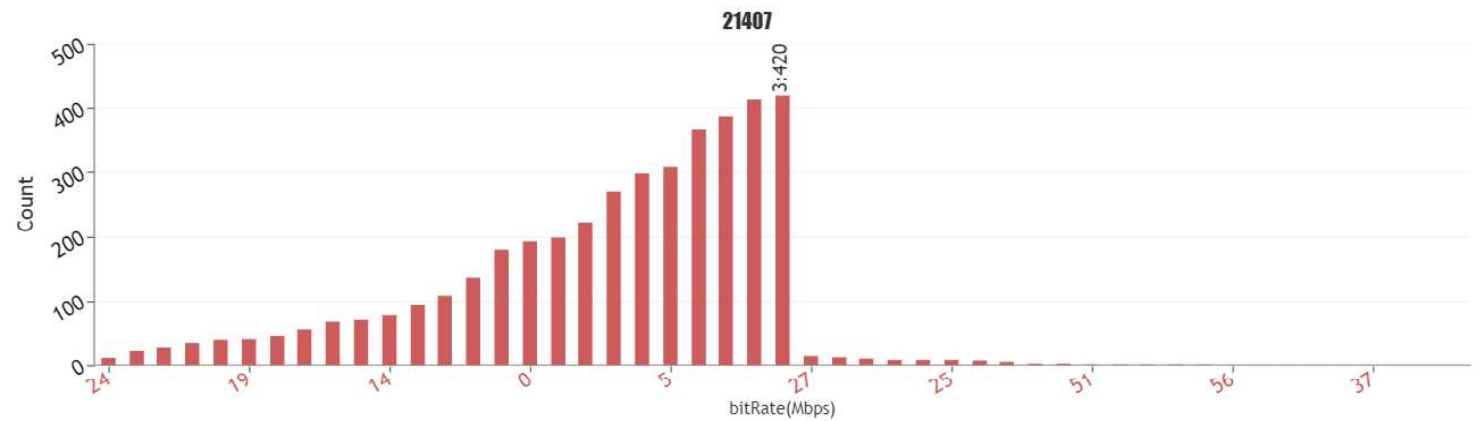
### MOVISTAR SERVEI DE DADES, MAPA DE VELOCITATS DE DESCÀRREGA, ARBECA



### Download test KPI statistics per mobile operator for 21407\_Movistar

Operators	21407
above 1.2Mbps	89.5888 % (count : 3769)
0.4Mbps - 1.2Mbps	6.8457 % (count : 288)
0Mbps - 0.4Mbps	3.5655 % (count : 150)
Average (mbps)	7.25
Peak Speed (mbps)	56.17
Lowest Recorded (mbps)	0
Total Geo samples	4207

### Download test distribution chart per mobile operators for 21407\_Movistar





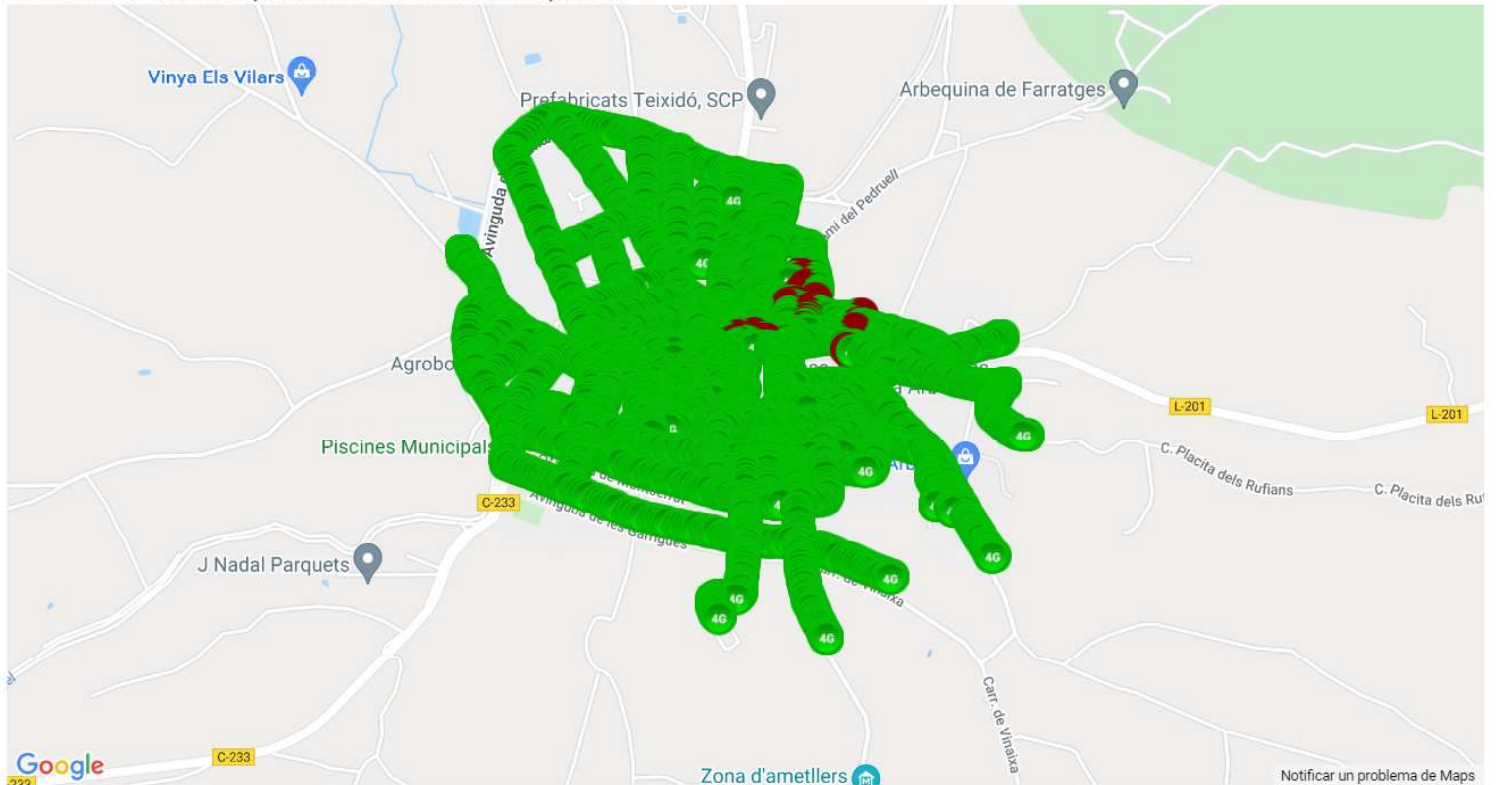
# User perceived mobile network coverage during tests



mobile network coverage during tests for operators 21407\_Movistar



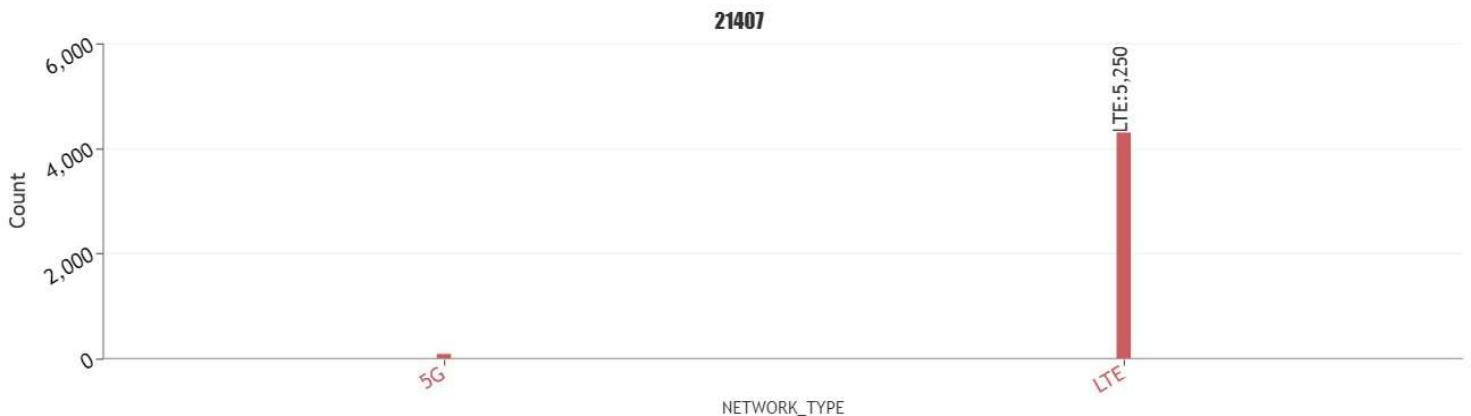
MOVISTAR SERVEI DE DADES, ACCÉS A XARXES DE L'OPERADOR, ARBECA



## RAN technology statistics per mobile network operator for 21407\_Movistar

Network Type	21407
5G	1.8508%
4G	98.1492%
3G	0.0000%
2G	0.0000%
CDMA	0.0000%
NONETWORK	0.0000%
Total Geo samples	5349

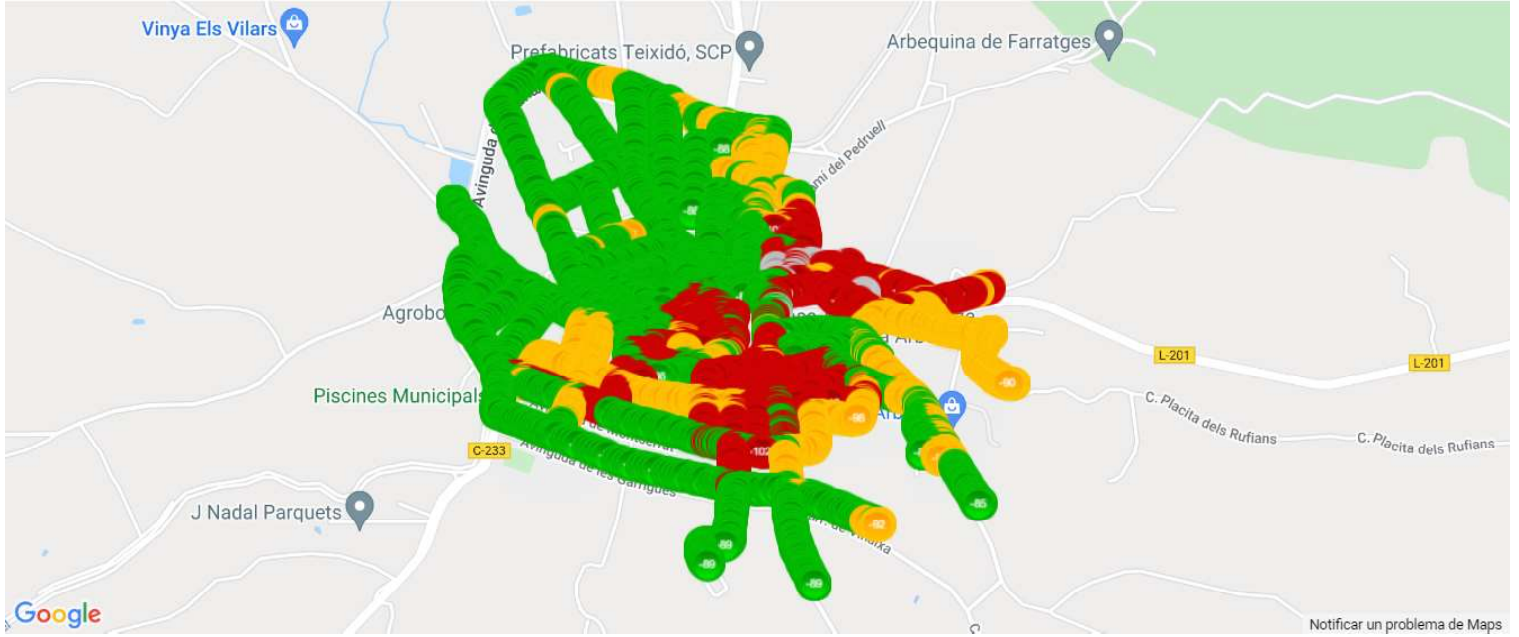
## RAN technology distribution chart per mobile network operator for 21407\_Movistar



## RSRP view

RSRP KPI statistics per mobile operator for operator 21407\_Movistar

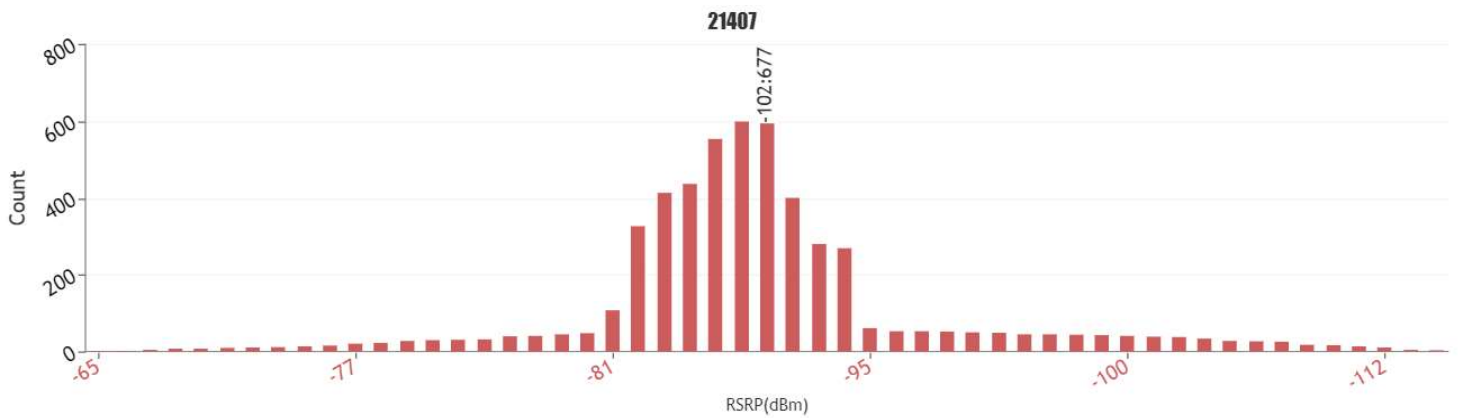
MOVISTAR SERVEI DE DADES, MAPA DE NIVELL DE SENYAL, ARBECA



RSRP KPI statistics per mobile operator for 21407\_Movistar

Operators	21407
<b>&gt;= to -89dBm</b>	48.8585 % (count : 2611)
<b>B/w -99dBm to -90dBm</b>	20.5651 % (count : 1099)
<b>B/w -112dBm to -100dBm</b>	29.7530 % (count : 1590)
<b>&lt;= -113dBm</b>	0.8234 % (count : 44)
Total Geo samples	5344

RSRP distribution chart per mobile operator for 21407\_Movistar





# RantCell User QoE test report



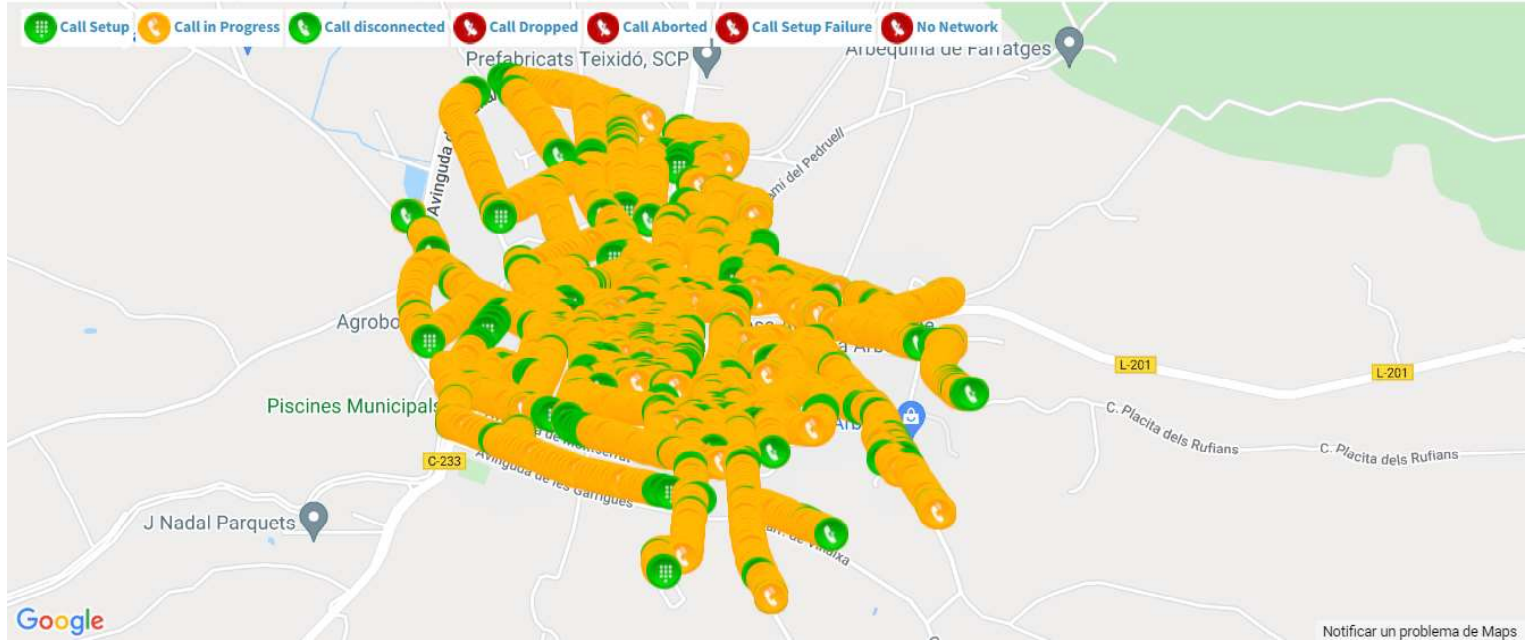
OperatorName	21401_vodafone ES
Test phone Model/Models	Samsung SM-A226B
Report Generation Time	Mar 25, 2022 8:35:28 AM
Test StartTime	Mar 24, 2022 10:16:10 AM
Test EndTime	Mar 24, 2022 12:07:50 PM
Voice Call Test	Yes

## Voice call test report

Call test view of mobile operators for 21401\_vodafone ES



### VODAFONE SERVEI DE VEU, MAPA DE TRUCADES, ARBECA



### Call test KPI statistics per mobile operator for 21401\_vodafone ES

Operators	21401
Total Calls Success	124
Total Calls Attempted	125
Total Calls Failed	1
Dropped Calls	1
Aborted Calls	0
CallSetup Failed	0
No Network <a href="#">?</a>	0
Attempted Voice call on 2G <a href="#">?</a>	0
Attempted Voice call on 3G <a href="#">?</a>	58
Successful CSFB call to 3G <a href="#">?</a>	66

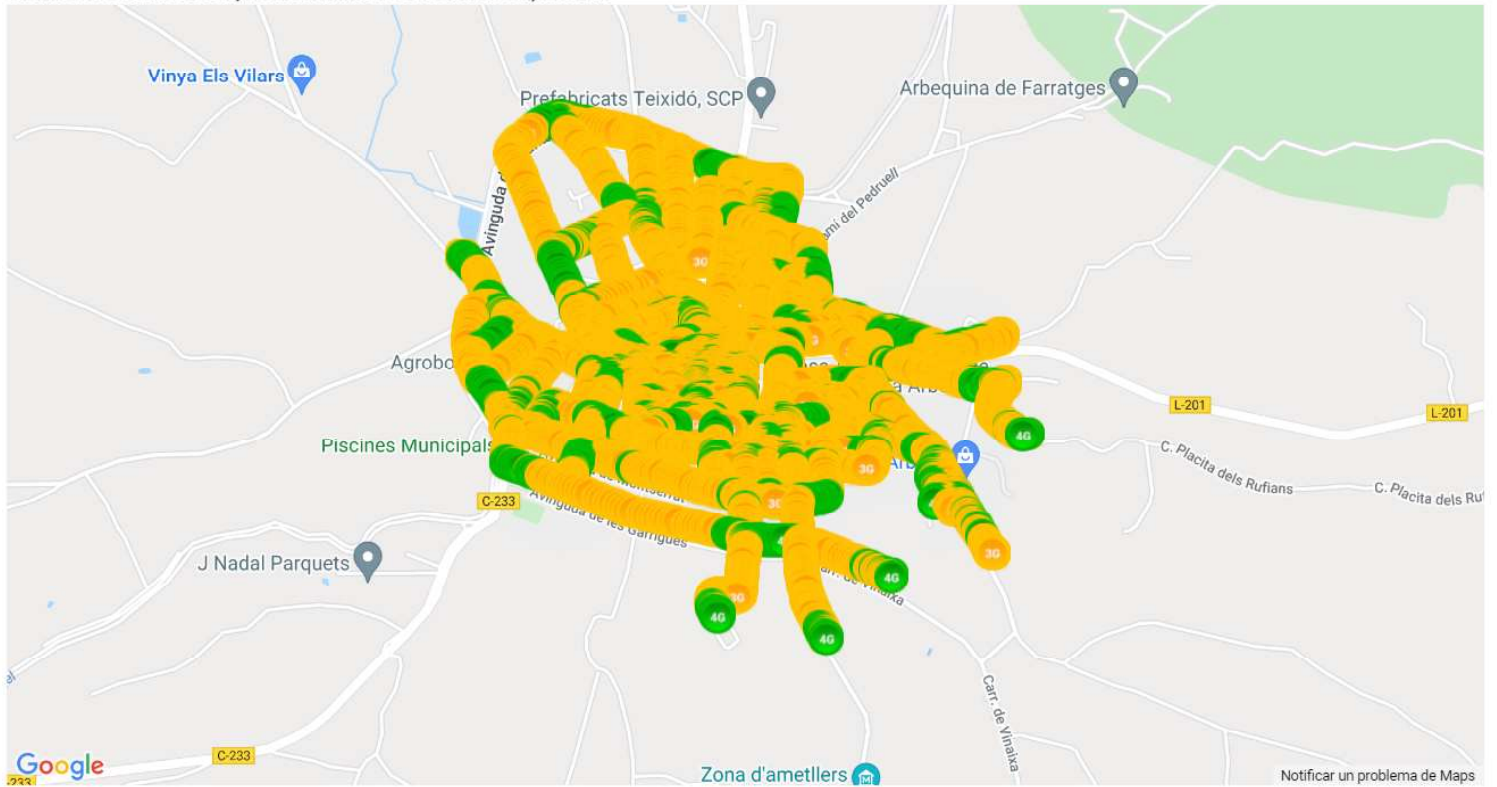
## User perceived mobile network coverage during tests



mobile network coverage during tests for operators 21401\_vodafone ES



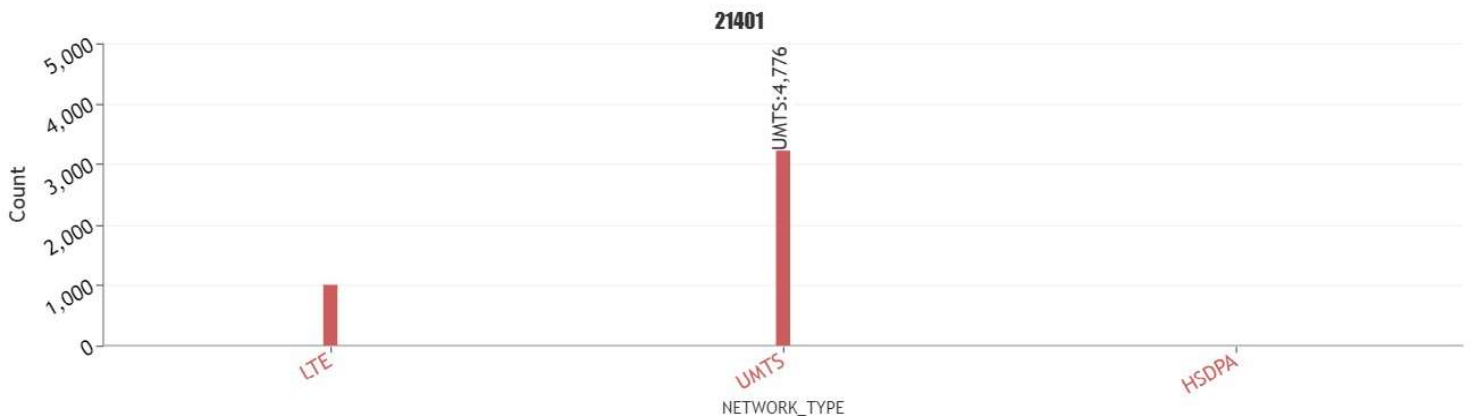
VODAFONE SERVEI DE VEU, ACCÉS A XARXES DE L'OPERADOR, ARBECA



RAN technology statistics per mobile network operator for 21401\_vodafone ES

Network Type	21401
5G	0.0000%
4G	17.5669%
3G	82.4331%
2G	0.0000%
CDMA	0.0000%
NONETWORK	0.0000%
Total Geo samples	5795

RAN technology distribution chart per mobile network operator for 21401\_vodafone ES

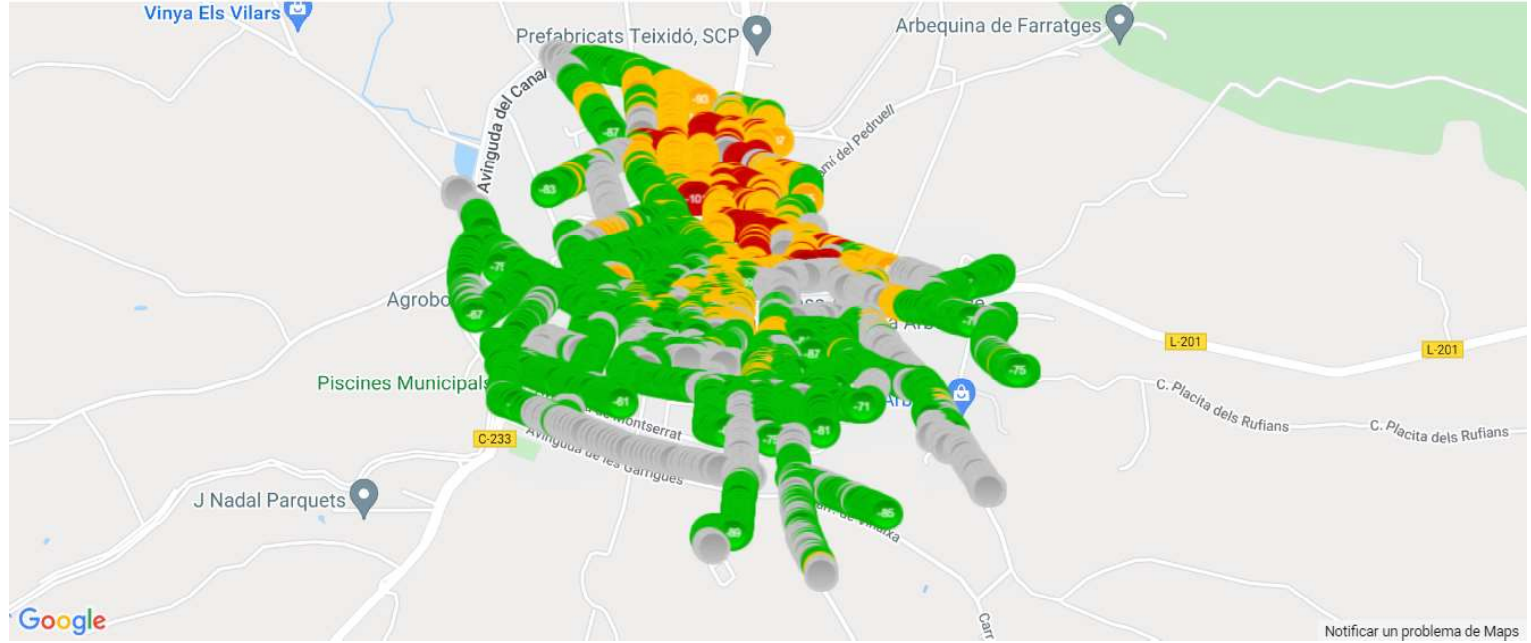


## RSSI view



RSSI KPI statistics per mobile operator for operator 21401\_vodafone ES

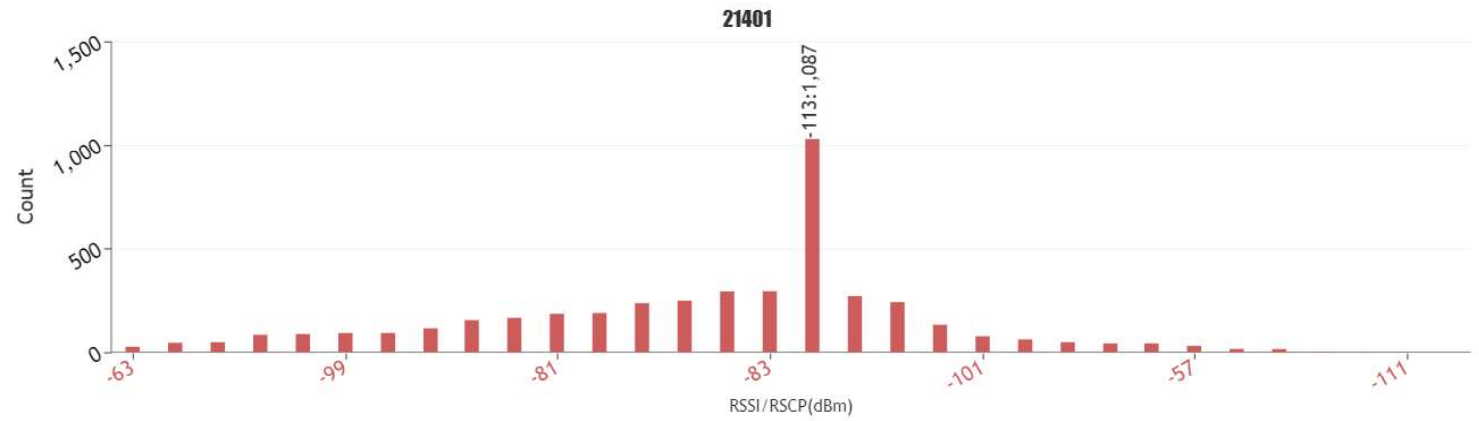
### VODAFONE SERVEI DE VEU, MAPA DE NIVELL DE SENYAL, ARBECA



RSSI KPI statistics per mobile operator for 21401\_vodafone ES

Operators	21401
<b>&gt;= -89dBm</b>	52.6667 % (count : 2370)
<b>B/w -99dBm to -90dBm</b>	19.4222 % (count : 874)
<b>B/w -112dBm to -100dBm</b>	3.7556 % (count : 169)
<b>&lt; -113dBm</b>	24.1556 % (count : 1087)
Total Geo samples	4500

RSSI distribution chart per mobile operator for 21401\_vodafone ES



# RantCell User QoE test report



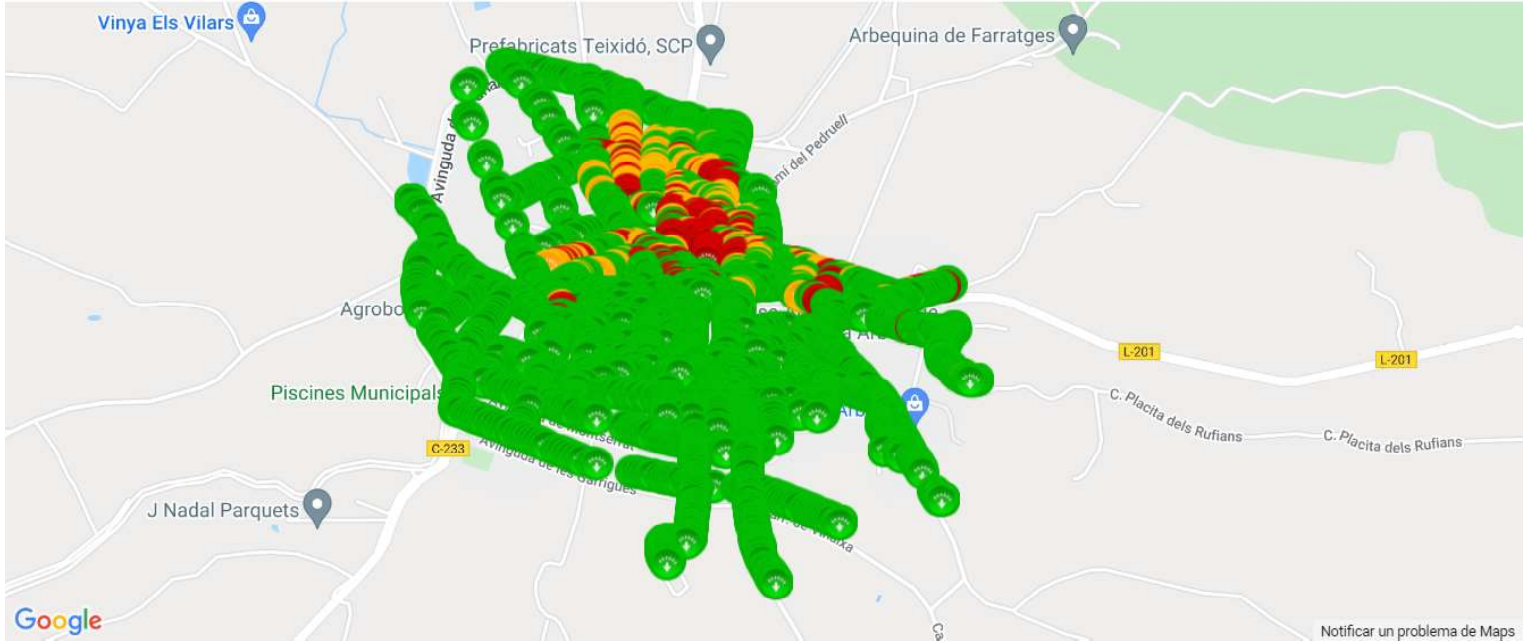
OperatorName	21401_vodafone ES
Test phone Model/Models	Samsung SM-A226B
Report Generation Time	Mar 25, 2022 12:01:01 PM
Test StartTime	Mar 24, 2022 10:16:06 AM
Test EndTime	Mar 24, 2022 12:07:37 PM
Download Speed Test	Yes

## Download speed test report

Download speed test view for 21401\_vodafone ES



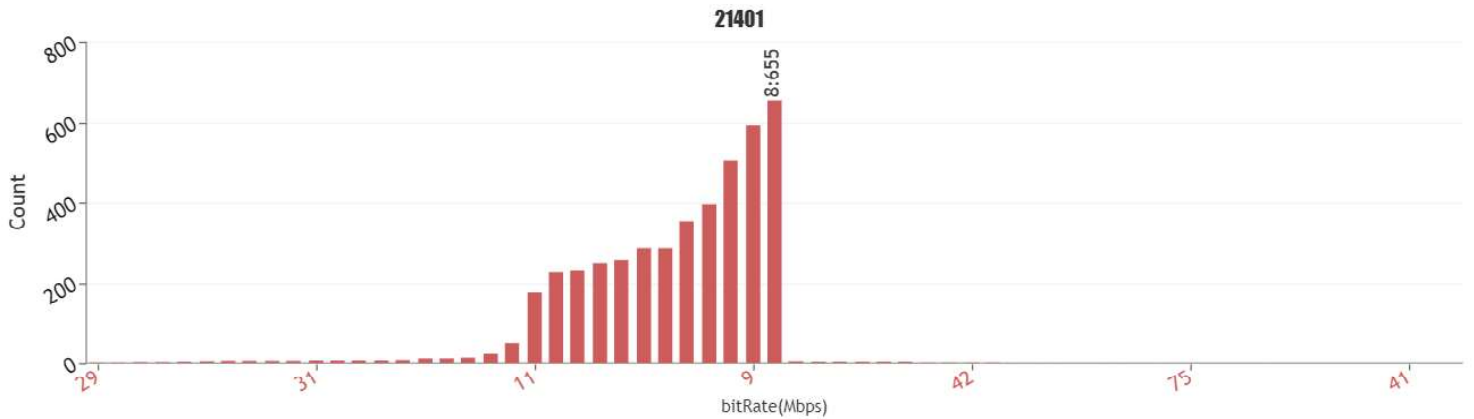
### VODAFONE SERVEI DE DADES, MAPA DE VELOCITATS DE DESCÀRREGA, ARBECA



### Download test KPI statistics per mobile operator for 21401\_vodafone ES

Operators	21401
above 1.2Mbps	90.2396 % (count : 4068)
0.4Mbps - 1.2Mbps	3.9929 % (count : 180)
0Mbps - 0.4Mbps	5.7675 % (count : 260)
Average (mbps)	7.34
Peak Speed (mbps)	77.17
Lowest Recorded (mbps)	0
Total Geo samples	4508

### Download test distribution chart per mobile operators for 21401\_vodafone ES





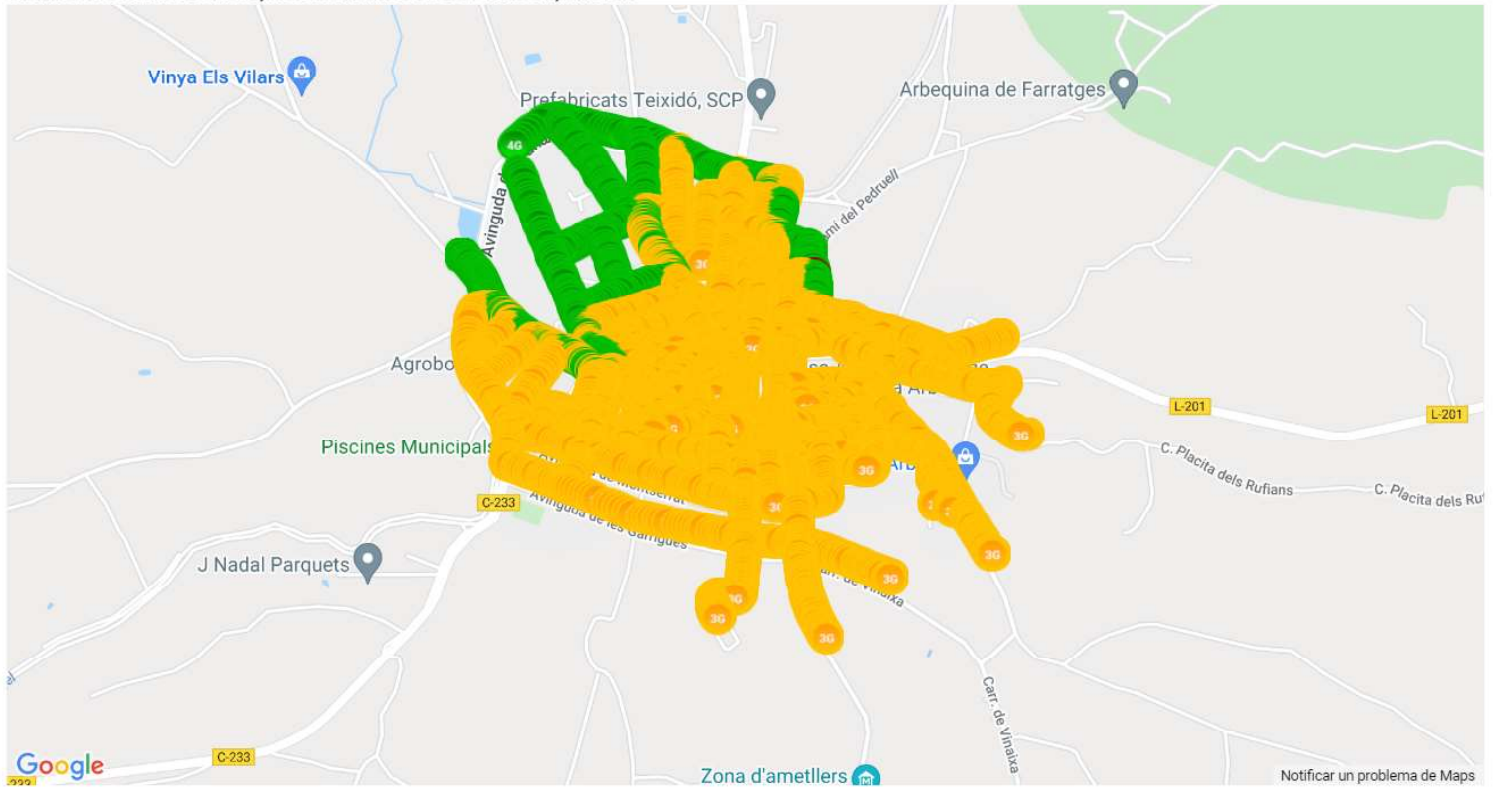
# User perceived mobile network coverage during tests



mobile network coverage during tests for operators 21401\_vodafone ES



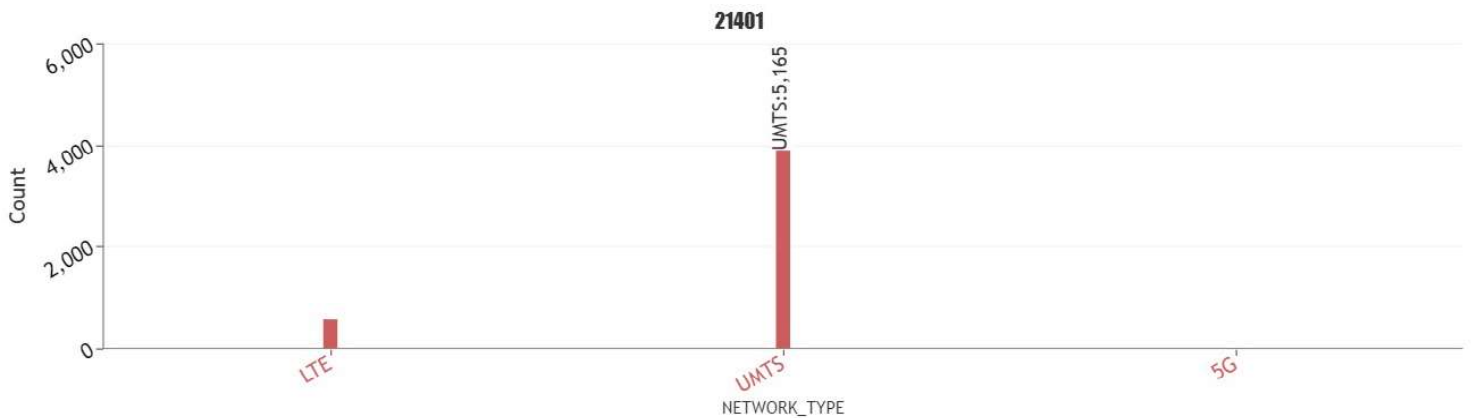
VODAFONE SERVEI DE DADES, ACCÉS A XARXES DE L'OPERADOR, ARBECA



RAN technology statistics per mobile network operator for 21401\_vodafone ES

Network Type	21401
5G	0.0174%
4G	10.0940%
3G	89.8886%
2G	0.0000%
CDMA	0.0000%
NONETWORK	0.0000%
Total Geo samples	5746

RAN technology distribution chart per mobile network operator for 21401\_vodafone ES



## RSRP view

RSRP KPI statistics per mobile operator for operator 21401\_vodafone ES

VODAFONE SERVEI DE DADES, MAPA DE NIVELL DE SENYAL 4G, ARBECA



RSRP KPI statistics per mobile operator for 21401\_vodafone ES

Operators	21401
>= to -89dBm	5.0611 % (count : 29)
B/w -99dBm to -90dBm	16.2304 % (count : 93)
B/w -112dBm to -100dBm	60.7330 % (count : 348)
<= -113dBm	17.9756 % (count : 103)
Total Geo samples	573

RSRP distribution chart per mobile operator for 21401\_vodafone ES



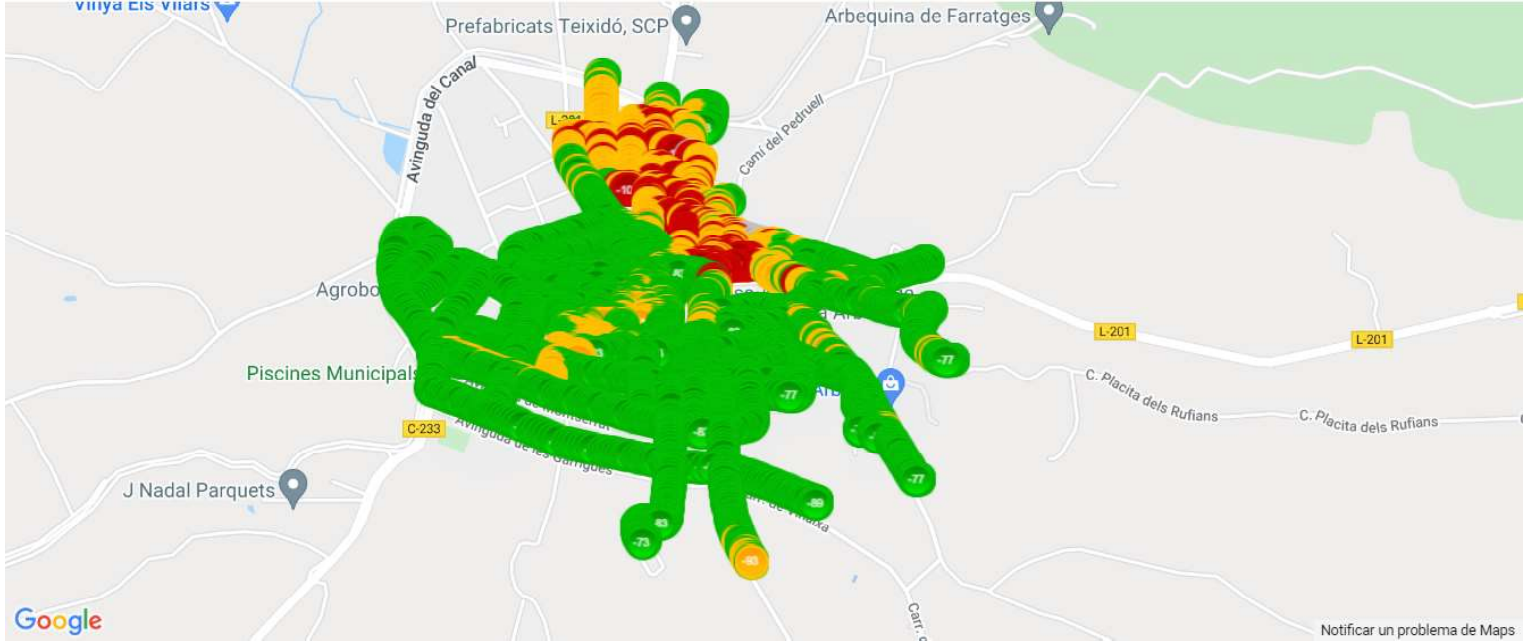


# RSSI view



RSSI KPI statistics per mobile operator for operator 21401\_vodafone ES

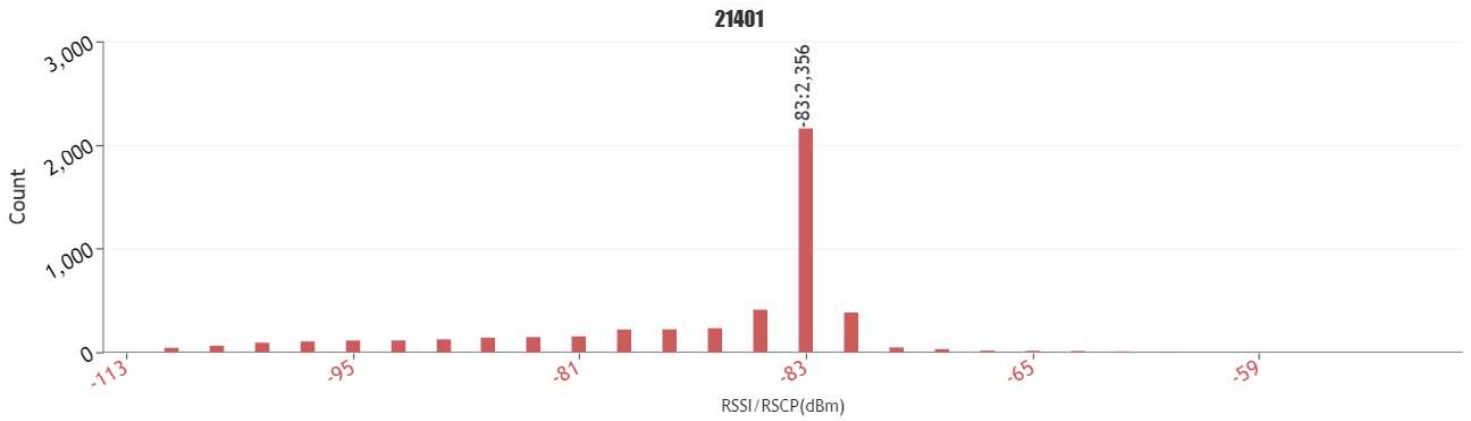
VODAFONE SERVEI DE DADES, MAPA DE NIVELL DE SENYAL 3G, ARBECA



RSSI KPI statistics per mobile operator for 21401\_vodafone ES

Operators	21401
<b>&gt;= -89dBm</b>	78.8771 % (count : 4074)
<b>B/w -99dBm to -90dBm</b>	17.5024 % (count : 904)
<b>B/w -112dBm to -100dBm</b>	3.4850 % (count : 180)
<b>&lt;= -113dBm</b>	0.1355 % (count : 7)
Total Geo samples	5165

RSSI distribution chart per mobile operator for 21401\_vodafone ES



# RantCell User QoE test report



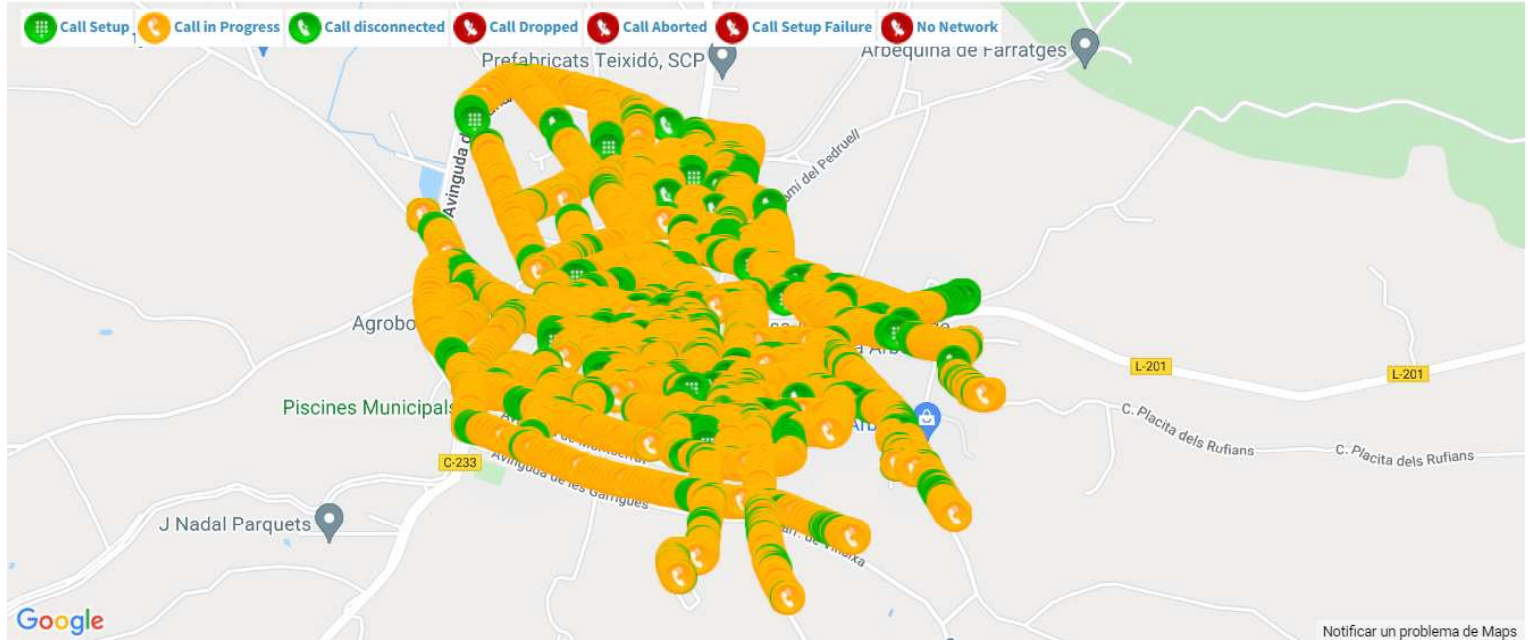
OperatorName	21403_Orange
Test phone Model/Models	Samsung SM-A226B
Report Generation Time	Mar 25, 2022 9:14:41 AM
Test StartTime	Mar 24, 2022 10:16:18 AM
Test EndTime	Mar 24, 2022 12:08:40 PM
Voice Call Test	Yes

## Voice call test report

Call test view of mobile operators for 21403\_Orange



### ORANGE SERVEI DE VEU, MAPA DE TRUCADES, ARBECA



Call test KPI statistics per mobile operator for 21403\_Orange

Operators	21403
Total Calls Success	135
Total Calls Attempted	139
Total Calls Failed	4
Dropped Calls	3
Aborted Calls	0
CallSetup Failed	1
No Network <a href="#">?</a>	0
Attempted Voice call on 2G <a href="#">?</a>	0
Attempted Voice call on 3G <a href="#">?</a>	30
Successful CSFB call to 2G <a href="#">?</a>	1
Successful CSFB call to 3G <a href="#">?</a>	107
SRVCC call to 3G <a href="#">?</a>	1

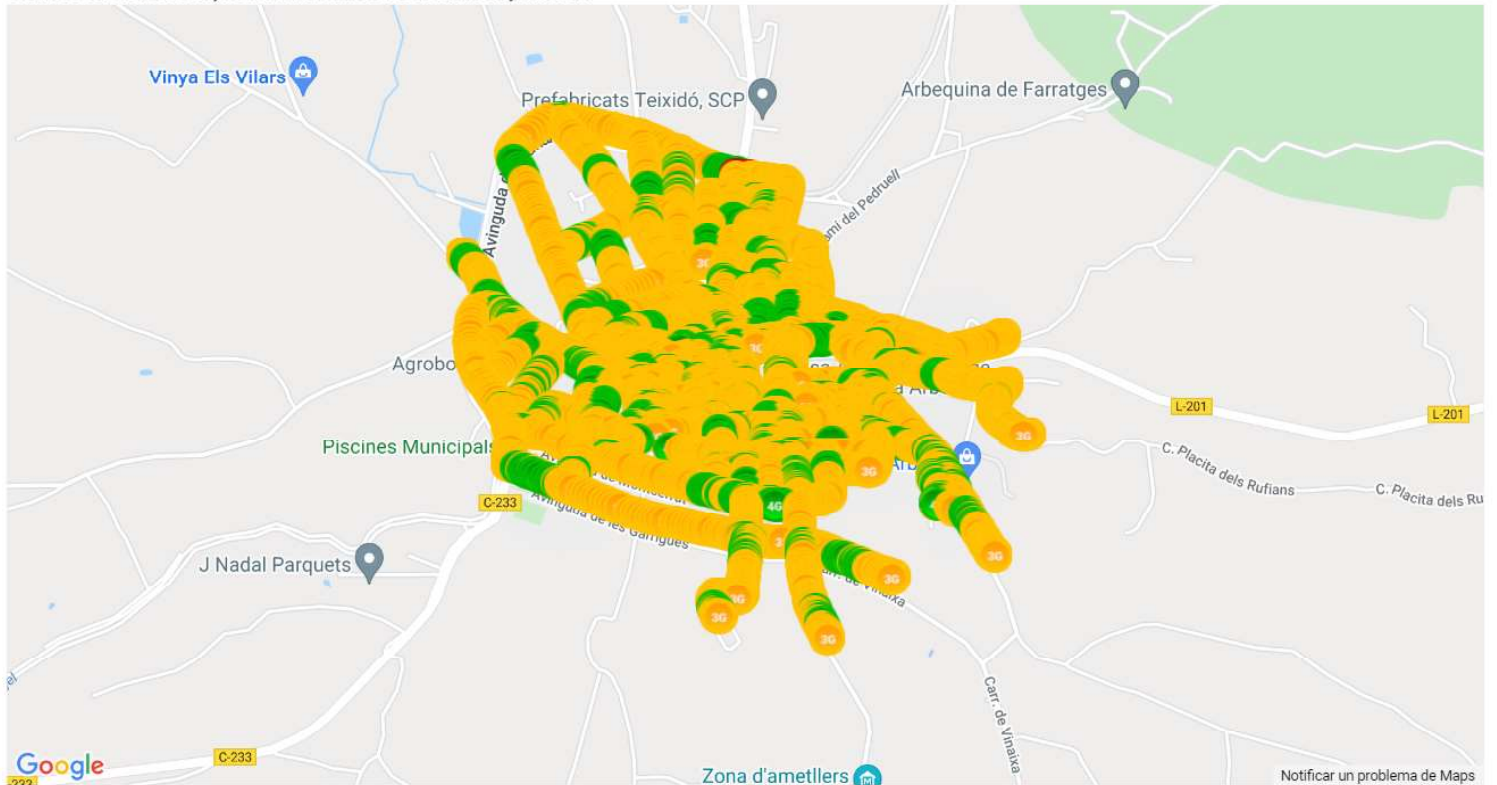
# User perceived mobile network coverage during tests



mobile network coverage during tests for operators 21403\_Orange



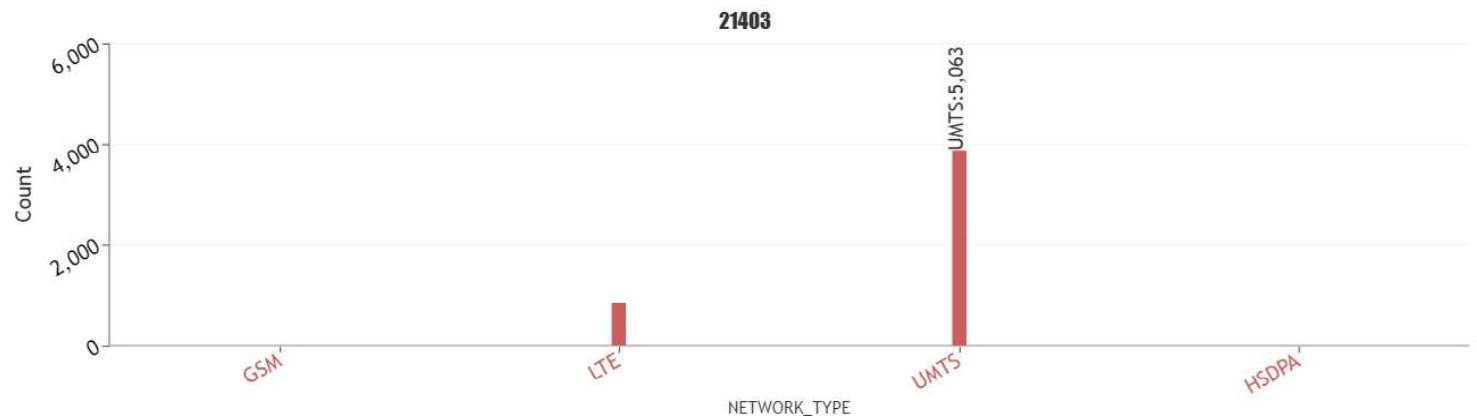
ORANGE SERVEI DE VEU, ACCÉS A XARXES DE L'OPERADOR, ARBECA



## RAN technology statistics per mobile network operator for 21403\_Orange

Network Type	21403
5G	0.0000%
4G	14.3918%
3G	85.4395%
2G	0.1687%
CDMA	0.0000%
NONNETWORK	0.0000%
Total Geo samples	5927

## RAN technology distribution chart per mobile network operator for 21403\_Orange

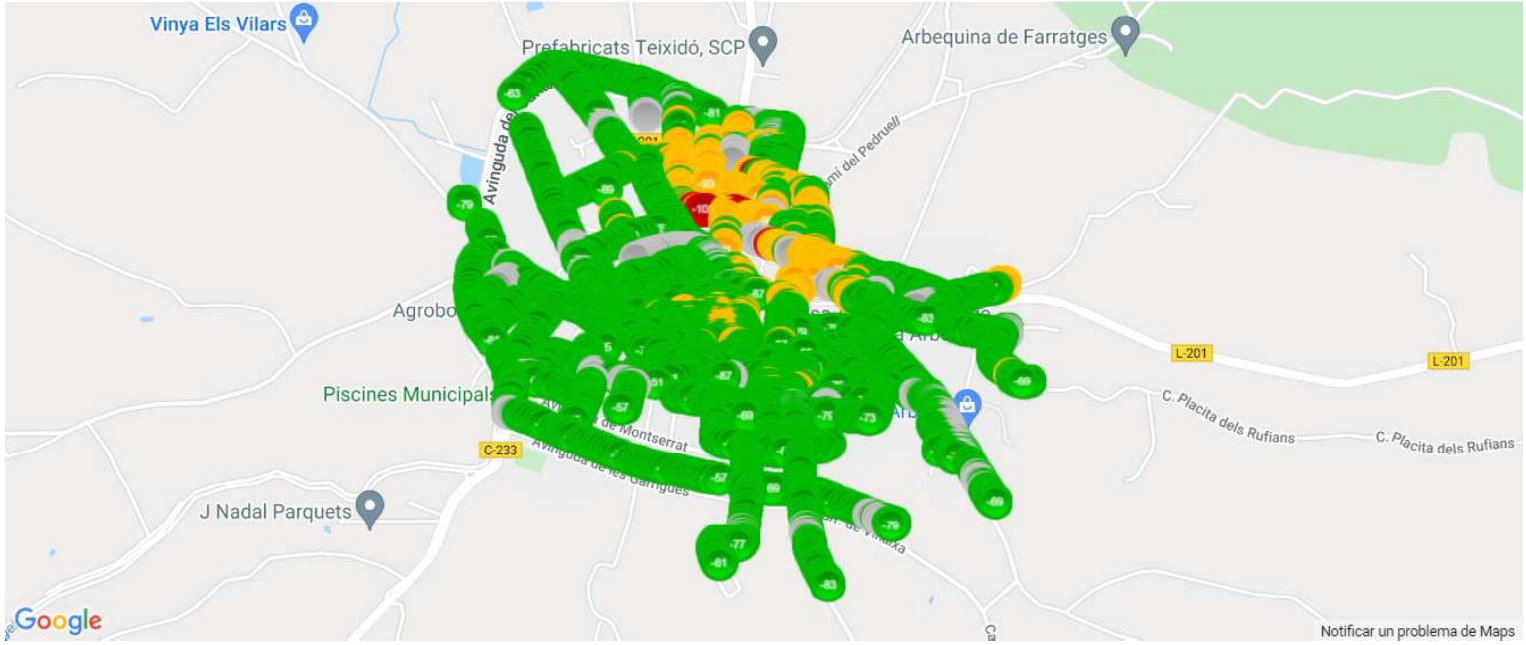


# RSSI view



RSSI KPI statistics per mobile operator for operator 21403\_Orange

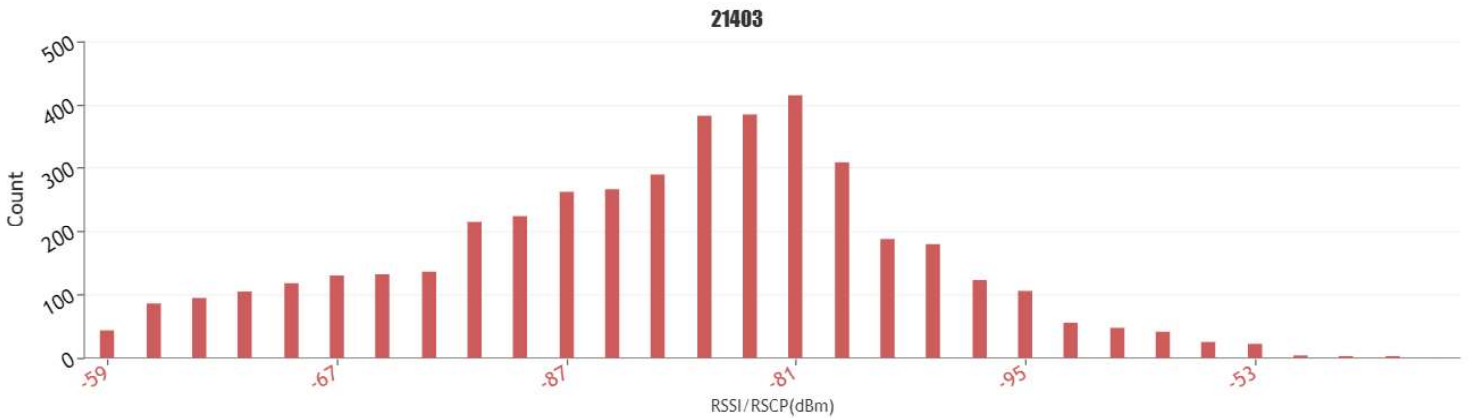
ORANGE SERVEI DE VEU, MAPA DE NIVELL DE SENYAL, ARBECA



RSSI KPI statistics per mobile operator for 21403\_Orange

Operators	21403
<b>&gt;= -89dBm</b>	82.2796 % (count : 3631)
<b>B/w -99dBm to -90dBm</b>	11.3528 % (count : 501)
<b>B/w -112dBm to -100dBm</b>	0.3172 % (count : 14)
<b>&lt; -113dBm</b>	6.0503 % (count : 267)
Total Geo samples	4413

RSSI distribution chart per mobile operator for 21403\_Orange



# RantCell User QoE test report



OperatorName	21403_Orange
Test phone Model/Models	Samsung SM-A226B
Report Generation Time	Mar 25, 2022 9:20:29 AM
Test StartTime	Mar 24, 2022 10:16:03 AM
Test EndTime	Mar 24, 2022 12:07:34 PM
Download Speed Test	Yes

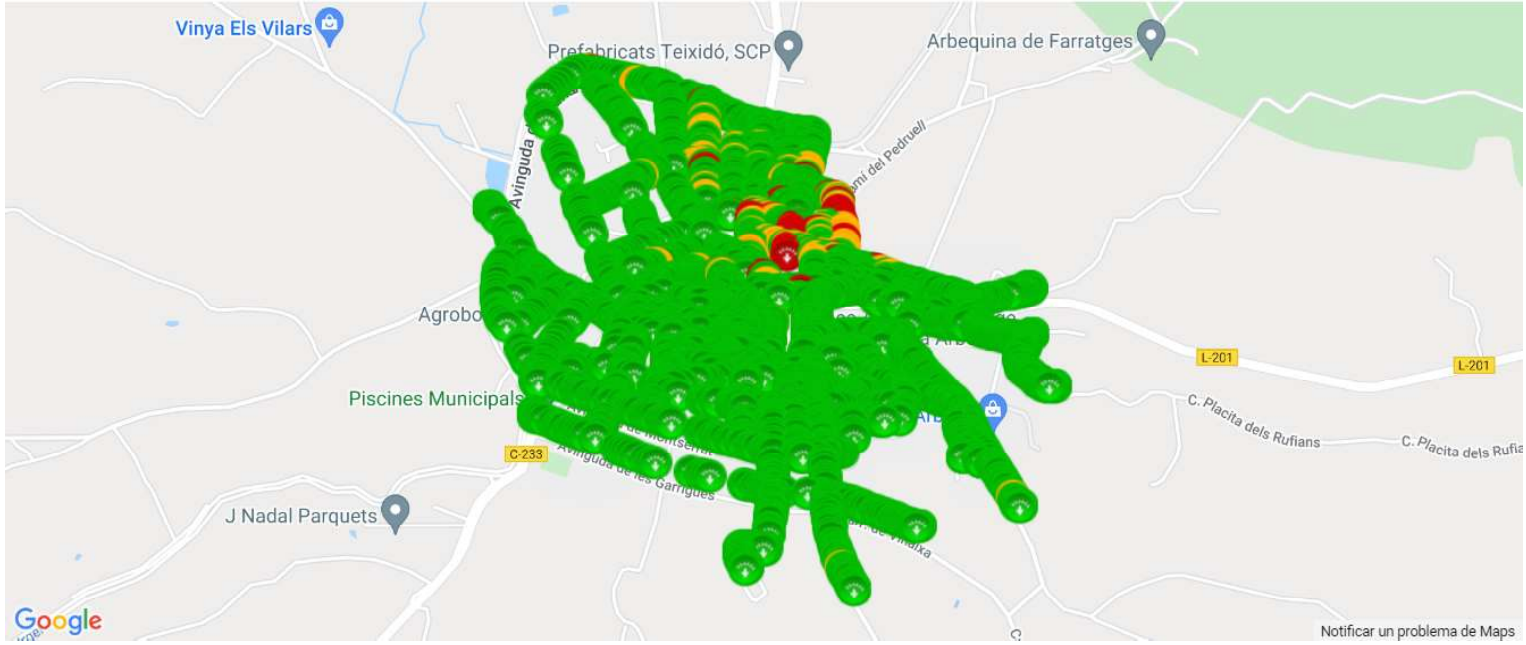


## Download speed test report

Download speed test view for 21403\_Orange



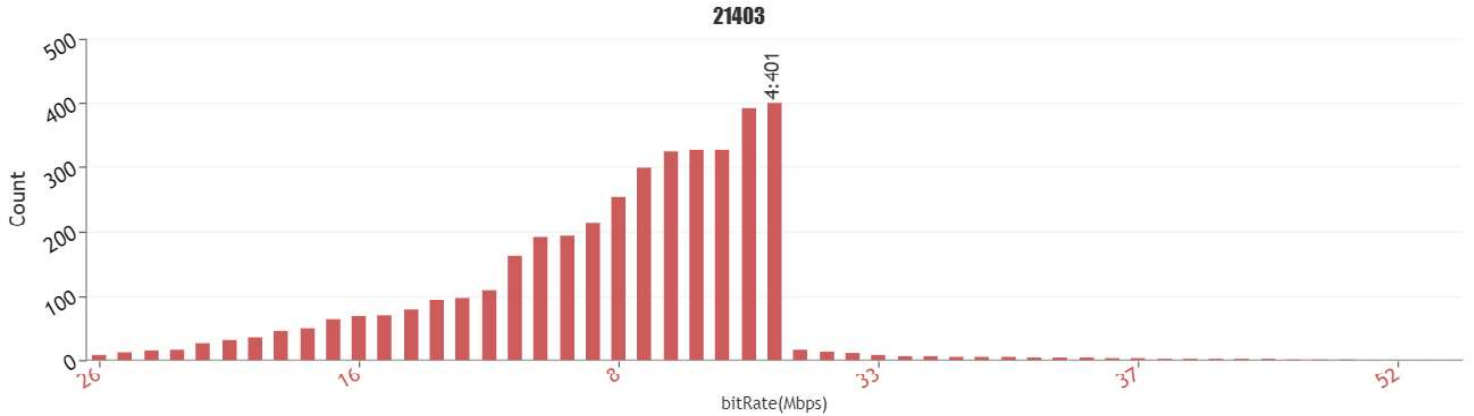
### ORANGE SERVEI DE DADES, MAPA DE VELOCITATS DE DESCÀRREGA, ARBECA



### Download test KPI statistics per mobile operator for 21403\_Orange

Operators	21403
above 1.2Mbps	94.8225 % (count : 3846)
0.4Mbps - 1.2Mbps	3.0325 % (count : 123)
0Mbps - 0.4Mbps	2.1450 % (count : 87)
Average (mbps)	8.25
Peak Speed (mbps)	57.67
Lowest Recorded (mbps)	0
Total Geo samples	4056

### Download test distribution chart per mobile operators for 21403\_Orange



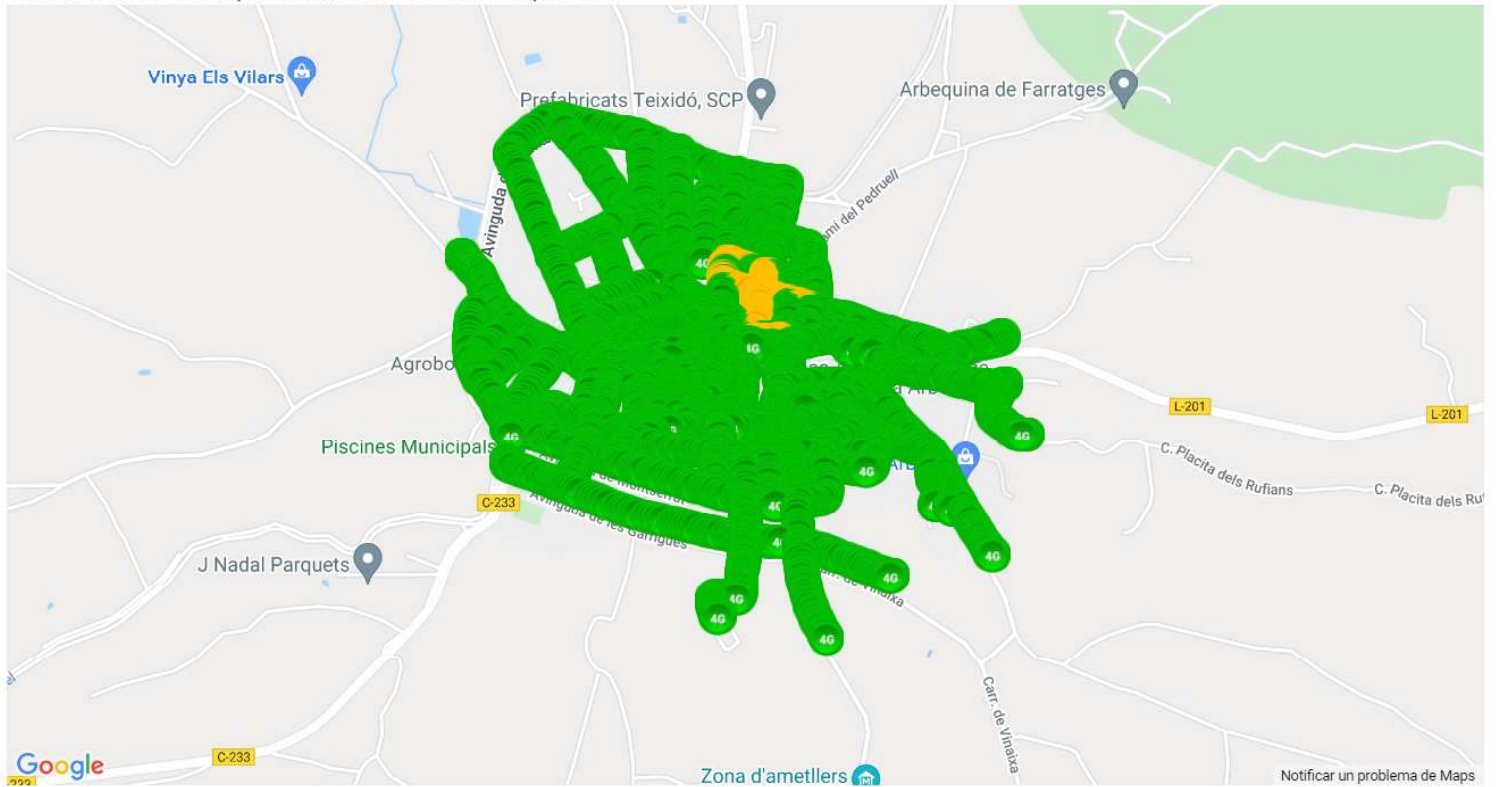
## User perceived mobile network coverage during tests



mobile network coverage during tests for operators 21403\_Orange



ORANGE SERVEI DE DADES, ACCÉS A XARXES DE L'OPERADOR, ARBECA



## RAN technology statistics per mobile network operator for 21403\_Orange

Network Type	21403
5G	0.0000%
4G	97.1594%
3G	2.8406%
2G	0.0000%
CDMA	0.0000%
NONETWORK	0.0000%
Total Geo samples	5351

## RAN technology distribution chart per mobile network operator for 21403\_Orange

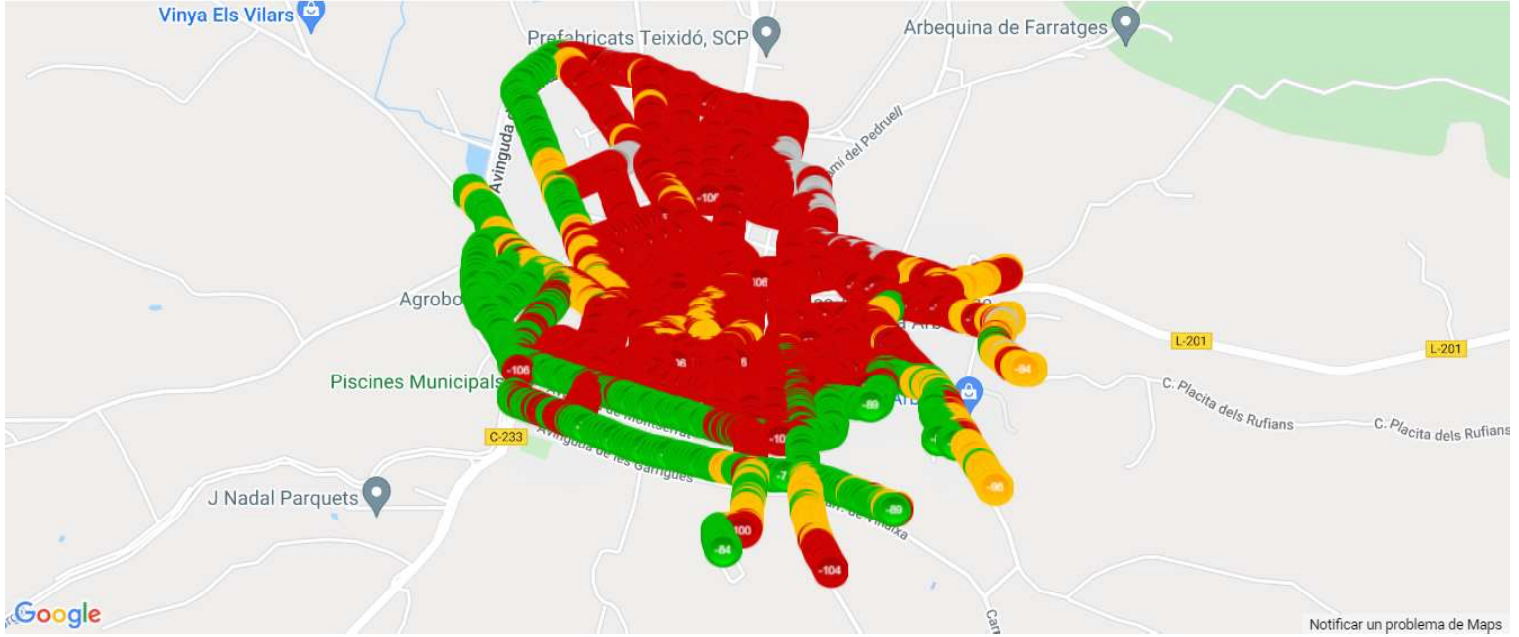




## RSRP view

RSRP KPI statistics per mobile operator for operator 21403\_Orange

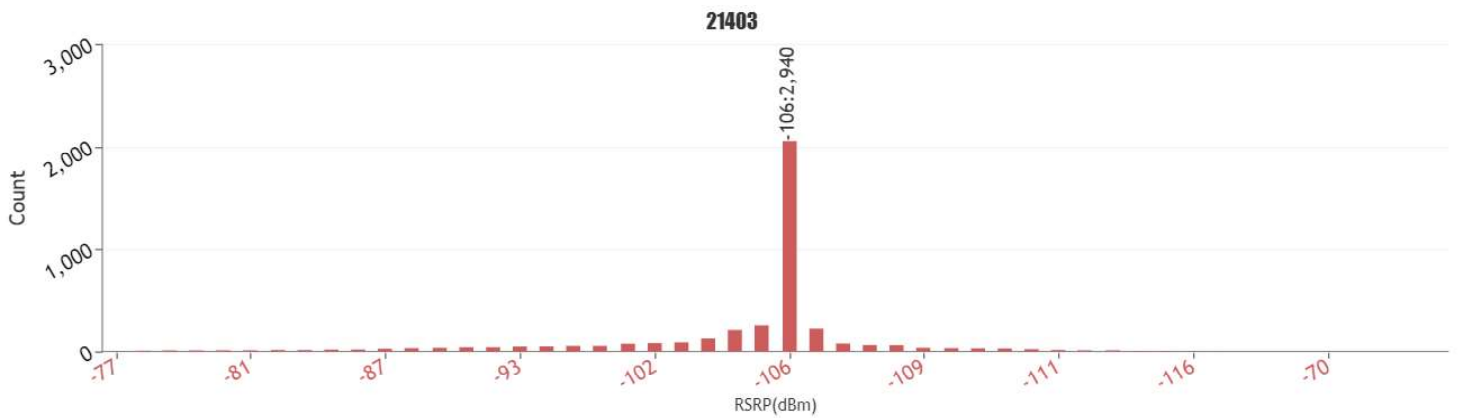
ORANGE SERVEI DE DADES, MAPA DE NIVELL DE SENYAL, ARBECA



RSRP KPI statistics per mobile operator for 21403\_Orange

Operators	21403
<b>&gt;= to -89dBm</b>	13.6302 % (count : 707)
<b>B/w -99dBm to -90dBm</b>	11.3168 % (count : 587)
<b>B/w -112dBm to -100dBm</b>	73.5300 % (count : 3814)
<b>&lt;= -113dBm</b>	1.5230 % (count : 79)
Total Geo samples	5187

RSRP distribution chart per mobile operator for 21403\_Orange



## BELLAGUARDA: RESUM MESURES

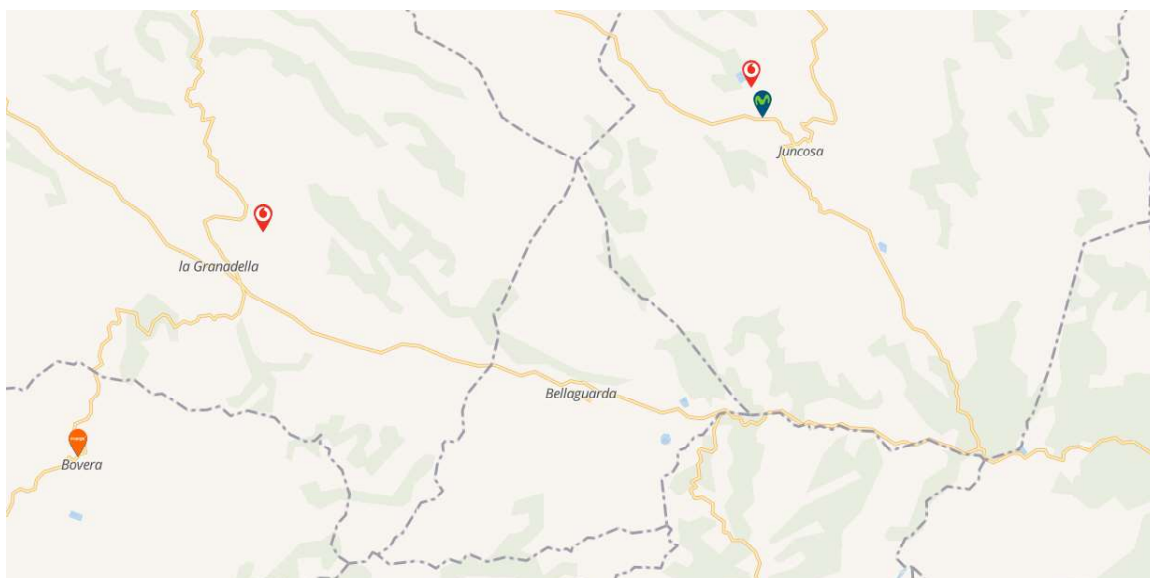
OPERADOR	SERVEI DE VEU	SERVEI DE DADES
MOVISTAR	CORRECTE (3G)	CORRECTE 80% (3G)
VODAFONE	CORRECTE (3G)	CORRECTE (4G)
ORANGE	CORRECTE (3G)	CORRECTE (3G)

Comentaris:

No es troben deficiències significatives de servei de veu o dades Vodafone i Orange. Movistar té una cobertura de dades deficient al 20% del poble (segons percentatge de velocitats inferiors a 1,2 Mbps).

No es té cap informació relativa a si hi ha o no fibra òptica al municipi.

Servei de Movistar, Vodafone i Orange provinent de antenes properes.





Granadella



### VODAFONE ESPAÑA, S.A.

Estación: 54522

Dirección: ZN POLIGONO 11 PARCELA 3.  
GRANADELLA (LA), LLEIDA

Posición: 41.362417 lat / 0.6735 lng

Elevación: **Sólo PRO**

ID	BANDA	MODOS*
1	949.90 - 959.90	2G 3G

### VODAFONE ESPAÑA, S.A.

Estación: 054522

Dirección: VP POLIGONO 11 PARCELA 3, 00.  
GRANADELLA (LA), LLEIDA

Posición: 41.362417 lat / 0.6735 lng

Elevación: **Sólo PRO**

ID	BANDA	MODOS*
1	949.90 - 959.90	2G 3G

### TELEFONICA MOVILES ESPAÑA, S.A.U.

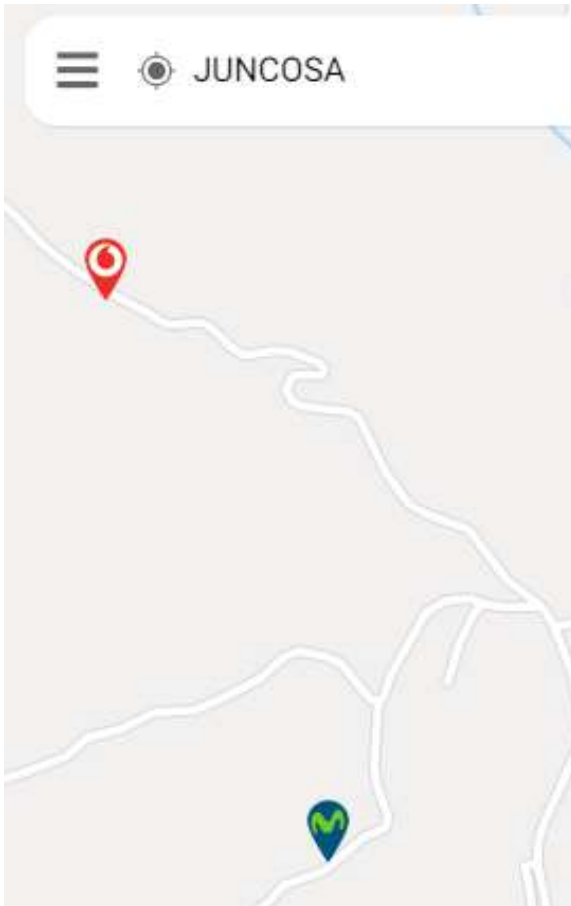
Estación: 2500229

Dirección: ZN Polígono 11 Parcela 3.  
GRANADELLA (LA), LLEIDA

Posición: 41.362417 lat / 0.6735 lng

Elevación: **Sólo PRO**

ID	BANDA	MODOS*
1	1805.10 - 1825.10	4G
1	852.00 - 862.00	4G
1	935.10 - 949.90	2G
1	935.10 - 949.90	2G



☰ JUNCOSA

### VODAFONE ESPAÑA, S.A.

Estación: 102819

Dirección: VP POLIGONO 1 , PARCELA 174.  
JUNCOSA, LLEIDA

Posición: 41.383319 lat / 0.767778 lng

Elevación: **Sólo PRO**

ID	BANDA	MODOS*
📶	949.90 - 959.90	2G 3G
📶	949.90 - 959.90	2G 3G

### TELEFONICA MOVILES ESPAÑA, S.A.U.

Estación: 2500248

Dirección: ZN Polígono 1 Parcela 134.  
JUNCOSA, LLEIDA

Posición: 41.379033 lat / 0.77005 lng

Elevación: **Sólo PRO**

ID	BANDA	MODOS*
📶	852.00 - 862.00	4G
📶	935.10 - 949.90	2G
📶	935.10 - 949.90	2G

BOVERA



### VODAFONE ESPAÑA, S.A.

Estación: 102818  
Dirección: ZN POLÍGONO 1 PARCELA 226.  
BOVERA, LLEIDA  
Posición: 41.329892 lat / 0.637686 lng  
Elevación: **Sólo PRO**

ID	BANDA	MODOS*
1	842.00 - 852.00	4G
1	949.90 - 959.90	2G 3G
1	949.90 - 959.90	2G 3G

### ORANGE ESPAGNE, S.A.U.

Estación: CATR5453A  
Dirección: ZN POLÍGONO 1 PARCELA 226.  
BOVERA, LLEIDA  
Posición: 41.329892 lat / 0.637686 lng  
Elevación: **Sólo PRO**

ID	BANDA	MODOS*
1	832.00 - 842.00	4G
1	925.10 - 935.10	2G 3G
1	925.10 - 935.10	2G 3G

### TELEFONICA MOVILES ESPAÑA, S.A.U.

Estación: 2500268  
Dirección: ZN Polígono 1 Parcela 226. BOVERA,  
LLEIDA  
Posición: 41.329722 lat / 0.637778 lng  
Elevación: **Sólo PRO**

ID	BANDA	MODOS*
1	935.10 - 949.90	2G
1	935.10 - 949.90	2G



# RantCell User QoE test report



OperatorName	21407_Movistar
Test phone Model/Models	Samsung SM-A226B
Report Generation Time	Mar 21, 2022 12:05:46 PM
Test StartTime	Mar 16, 2022 1:01:38 PM
Test EndTime	Mar 16, 2022 1:13:00 PM
Voice Call Test	Yes

## Voice call test report

Call test view of mobile operators for 21407\_Movistar

### MOVISTAR SERVEI DE VEU, MAPA DE TRUCADES, BELLAGUARDA



Call test KPI statistics per mobile operator for 21407\_Movistar

Operators	21407
Total Calls Success	13
Total Calls Attempted	14
Total Calls Failed	1
Dropped Calls	1
Aborted Calls	0
CallSetup Failed	0
No Network	0
Attempted Voice call on 2G	0
Attempted Voice call on 3G	12
Successful CSFB call to 3G	1

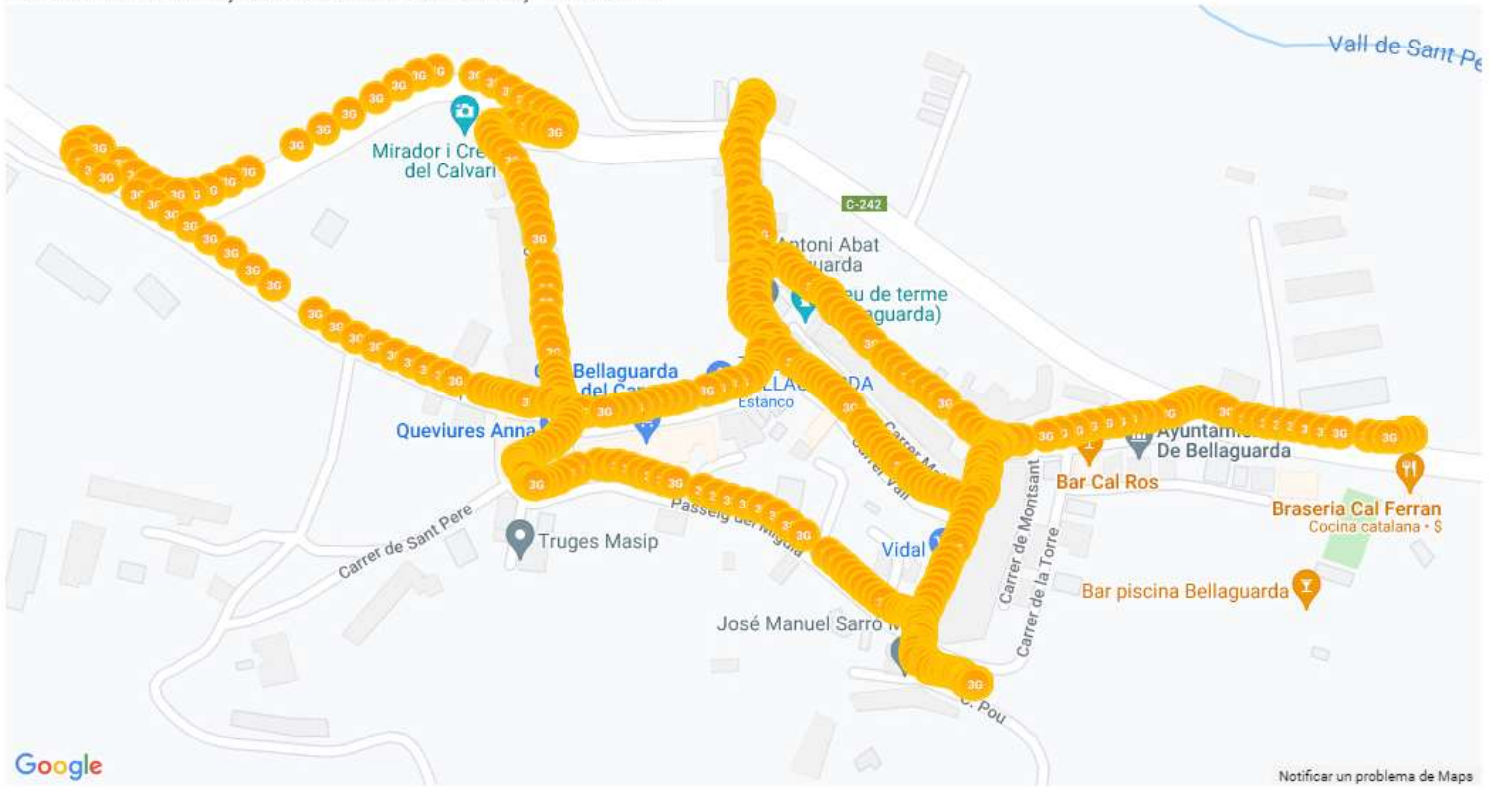


# User perceived mobile network coverage during tests



mobile network coverage during tests for operators 21407\_Movistar

MOVISTAR SERVEI DE VEU, ACCÉS A XARXES DE L'OPERADOR, BELLAGUARDA



RAN technology statistics per mobile network operator for 21407\_Movistar

Network Type	21407
5G	0.0000%
4G	1.0657%
3G	98.9343%
2G	0.0000%
CDMA	0.0000%
NONETWORK	0.0000%
Total Geo samples	563

RAN technology distribution chart per mobile network operator for 21407\_Movistar





## RSSI view



RSSI KPI statistics per mobile operator for operator 21407\_Movistar

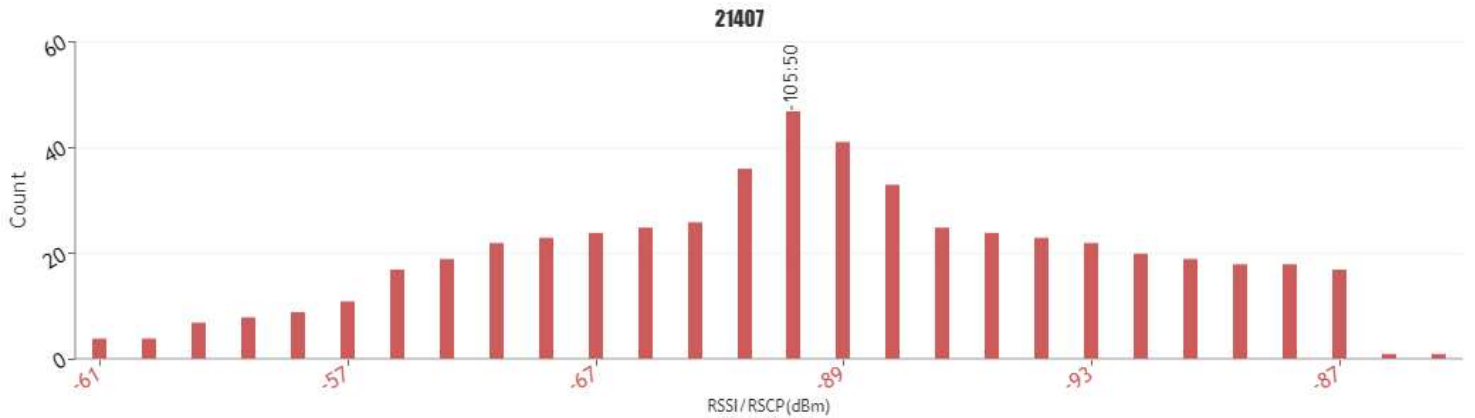
MOVISTAR SERVEI DE VEU, MAPA DE NIVELL DE SENYAL, BELLAGUARDA



RSSI KPI statistics per mobile operator for 21407\_Movistar

Operators	21407
>= -89dBm	67.0932 % (count : 367)
B/w -99dBm to -90dBm	17.7331 % (count : 97)
B/w -112dBm to -100dBm	13.8940 % (count : 76)
<= -113dBm	1.2797 % (count : 7)
Total Geo samples	547

RSSI distribution chart per mobile operator for 21407\_Movistar



# RantCell User QoE test report



OperatorName	21407_Movistar
Test phone Model/Models	Samsung SM-A226B
Report Generation Time	Mar 21, 2022 12:10:15 PM
Test StartTime	Mar 16, 2022 1:02:14 PM
Test EndTime	Mar 16, 2022 1:12:10 PM
Download Speed Test	Yes

# Download speed test report

Download speed test view for 21407\_Movistar



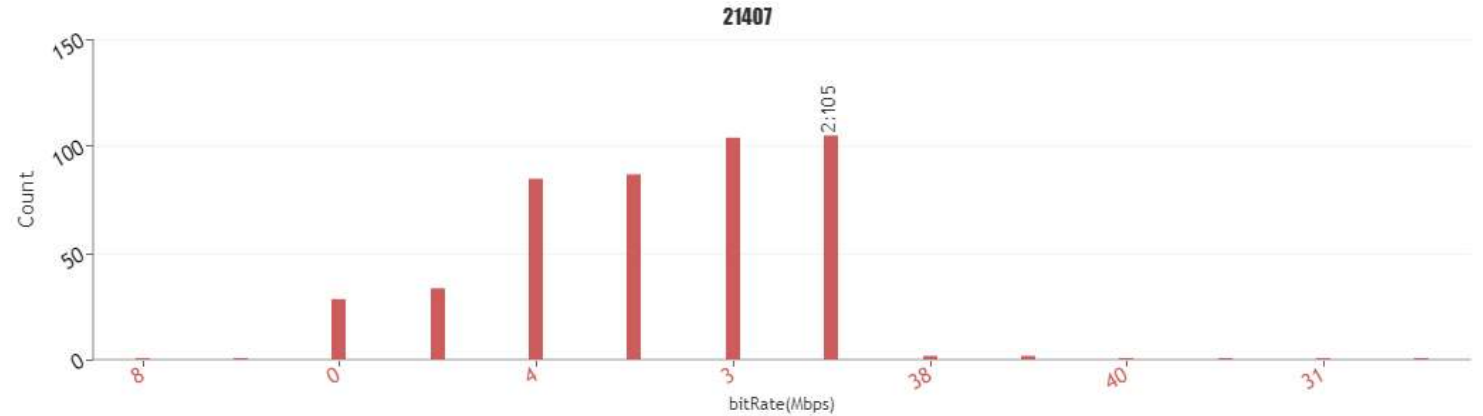
MOVISTAR SERVEI DE DADES, MAPA DE VELOCITATS DE DESCÀRREGA, BELLAGUARDA



Download test KPI statistics per mobile operator for 21407\_Movistar

Operators	21407
above 1.2Mbps	79.7357 % (count : 362)
0.4Mbps - 1.2Mbps	14.7577 % (count : 67)
0Mbps - 0.4Mbps	5.5066 % (count : 25)
Average (mbps)	3.12
Peak Speed (mbps)	39.74
Lowest Recorded (mbps)	0
Total Geo samples	454

Download test distribution chart per mobile operators for 21407\_Movistar





# RSSI view



RSSI KPI statistics per mobile operator for operator 21407\_Movistar

MOVISTAR SERVEI DE DADES, MAPA DE NIVELL DE SENYAL, BELLAGUARDA



RSSI KPI statistics per mobile operator for 21407\_Movistar

Operators	21407
>= -89dBm	53.1621 % (count : 269)
B/w -99dBm to -90dBm	25.0988 % (count : 127)
B/w -112dBm to -100dBm	13.4387 % (count : 68)
<= -113dBm	8.3004 % (count : 42)
Total Geo samples	506

RSSI distribution chart per mobile operator for 21407\_Movistar



# RantCell User QoE test report



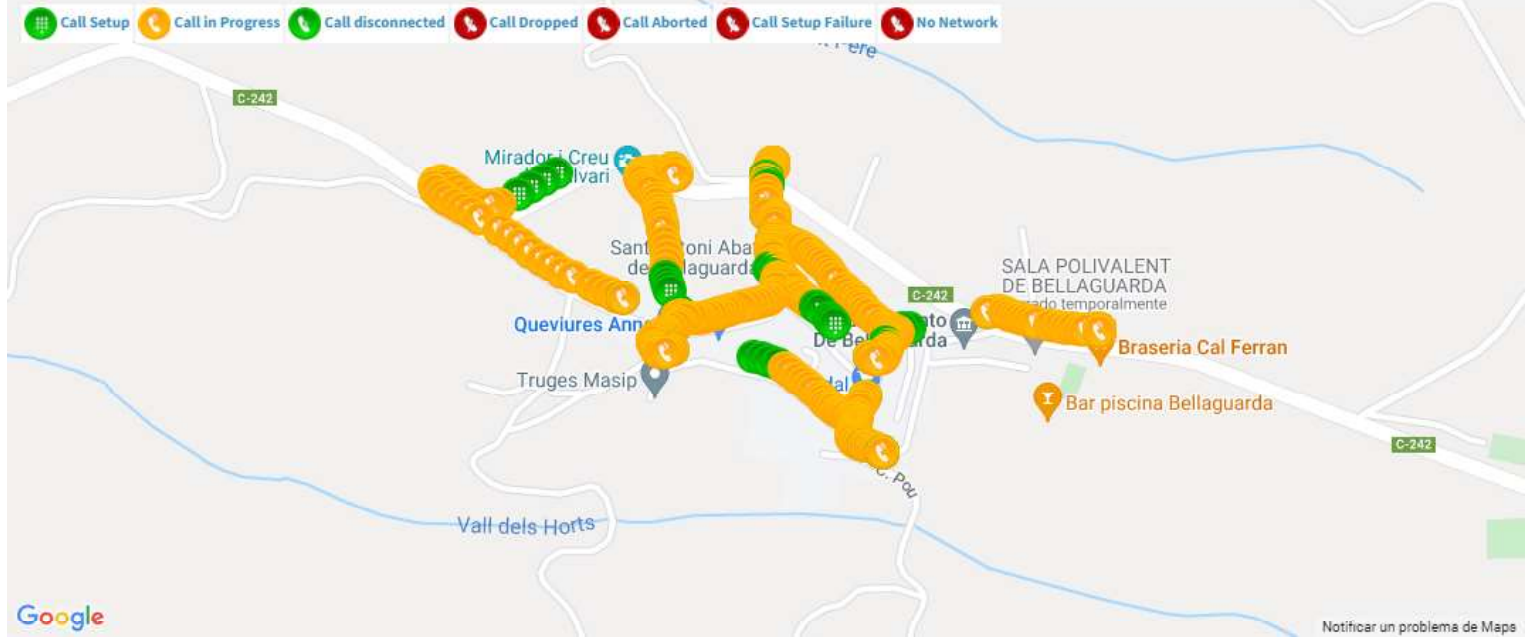
OperatorName	21401_vodafone ES
Test phone Model/Models	Samsung SM-A226B
Report Generation Time	Mar 21, 2022 12:21:45 PM
Test StartTime	Mar 16, 2022 1:01:18 PM
Test EndTime	Mar 16, 2022 1:12:48 PM
Voice Call Test	Yes



## Voice call test report

Call test view of mobile operators for 21401\_vodafone ES

### VODAFONE SERVEI DE VEU, MAPA DE TRUCADES, BELLAGUARDA



Call test KPI statistics per mobile operator for 21401\_vodafone ES

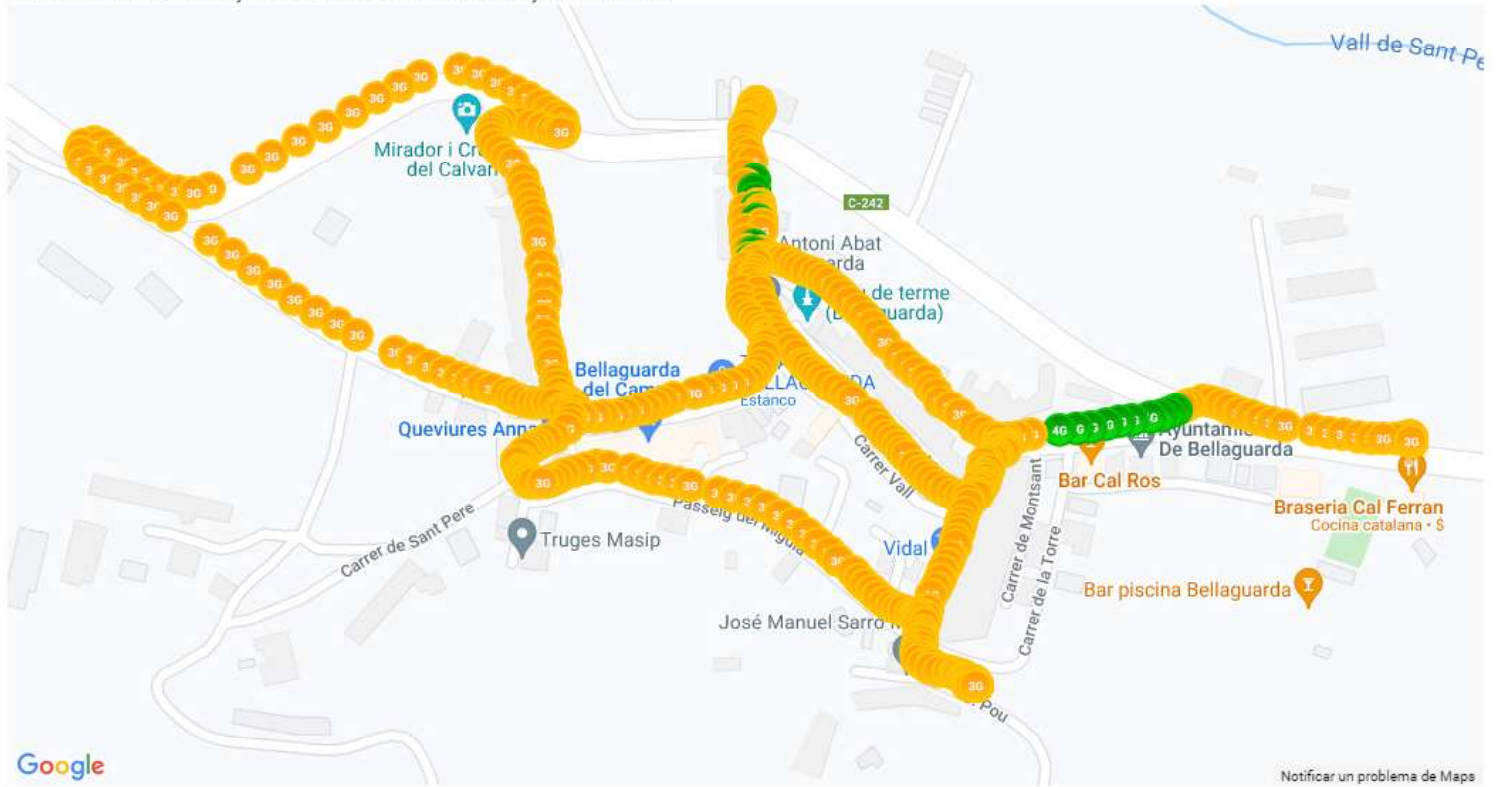
Operators	21401
Total Calls Success	13
Total Calls Attempted	13
Total Calls Failed	0
Dropped Calls	0
Aborted Calls	0
CallSetup Failed	0
No Network	0
Attempted Voice call on 2G	0
Attempted Voice call on 3G	10
Successful CSFB call to 3G	2

## User perceived mobile network coverage during tests

mobile network coverage during tests for operators 21401\_vodafone ES



VODAFONE SERVEI DE VEU, ACCÉS A XARXES DE L'OPERADOR, BELLAGUARDA



## RAN technology statistics per mobile network operator for 21401\_vodafone ES

Network Type	21401
5G	0.0000%
4G	5.3286%
3G	94.6714%
2G	0.0000%
CDMA	0.0000%
NONETWORK	0.0000%
Total Geo samples	563

## RAN technology distribution chart per mobile network operator for 21401\_vodafone ES

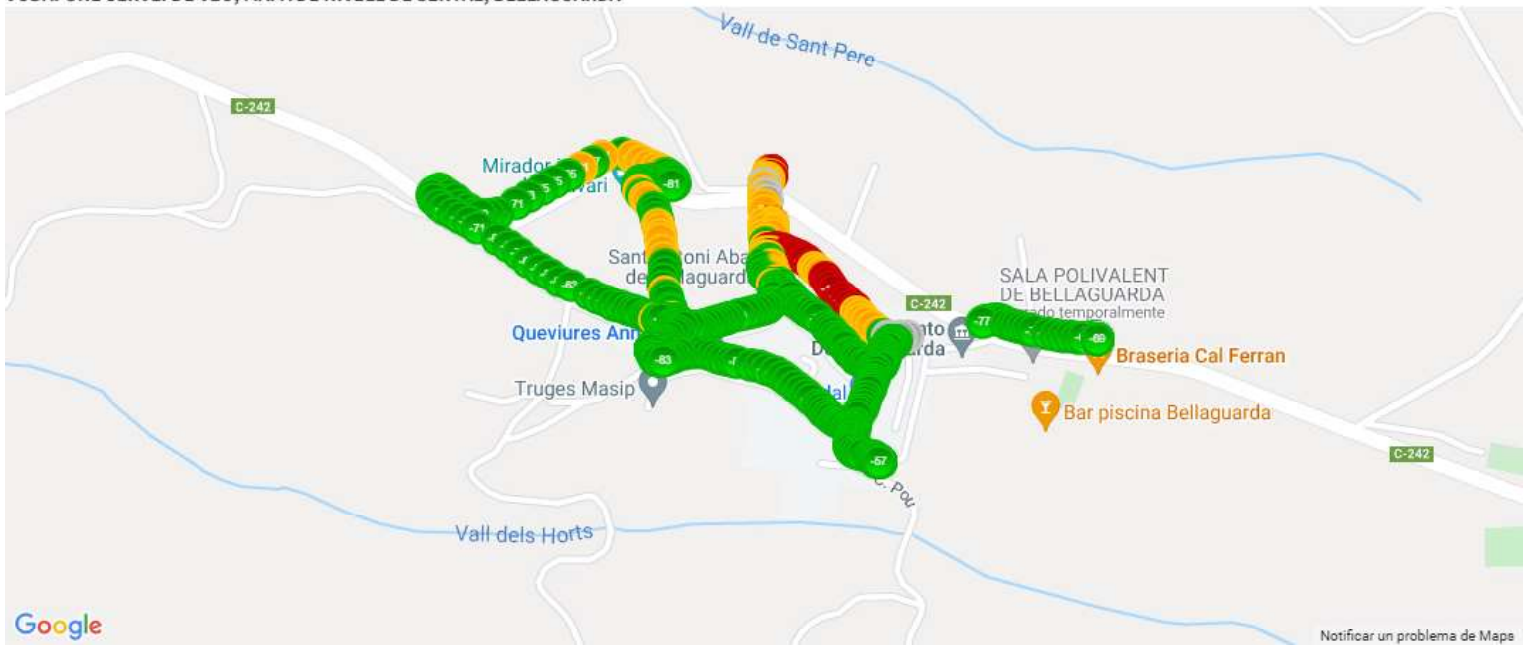


# RSSI view



RSSI KPI statistics per mobile operator for operator 21401\_vodafone ES

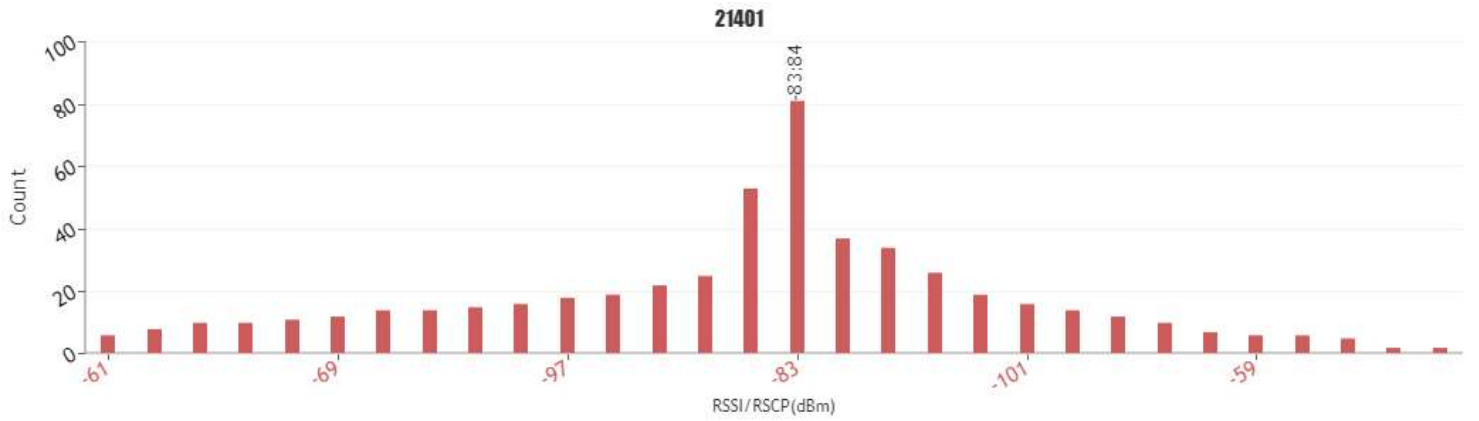
VODAFONE SERVEI DE VEU, MAPA DE NIVELL DE SENYAL, BELLAGUARDA



RSSI KPI statistics per mobile operator for 21401\_vodafone ES

Operators	21401
>= -89dBm	68.6679 % (count : 366)
B/w -99dBm to -90dBm	13.8837 % (count : 74)
B/w -112dBm to -100dBm	7.5047 % (count : 40)
<= -113dBm	9.9437 % (count : 53)
Total Geo samples	533

RSSI distribution chart per mobile operator for 21401\_vodafone ES



# RantCell User QoE test report



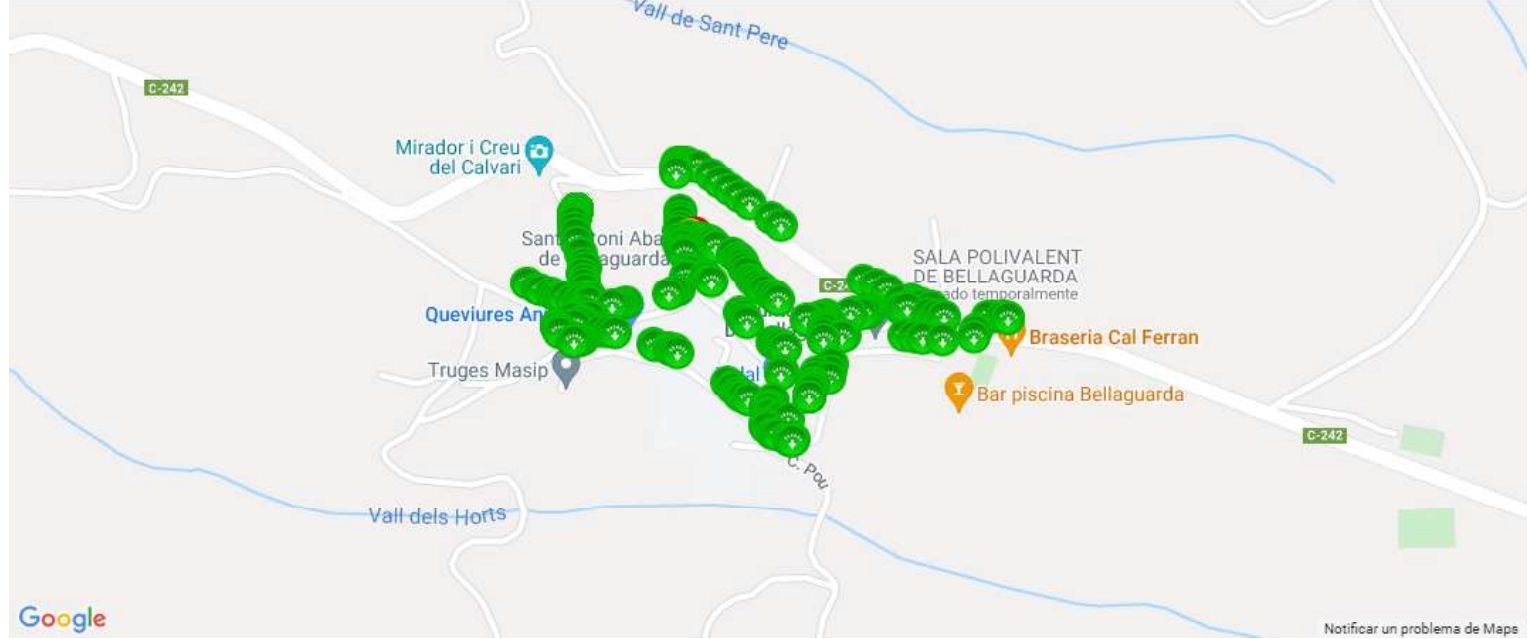
OperatorName	21401_vodafone ES
Test phone Model/Models	Samsung SM-A226B
Report Generation Time	Mar 21, 2022 12:24:57 PM
Test StartTime	Mar 18, 2022 11:43:38 AM
Test EndTime	Mar 18, 2022 11:58:12 AM
Download Speed Test	Yes

## Download speed test report

Download speed test view for 21401\_vodafone ES



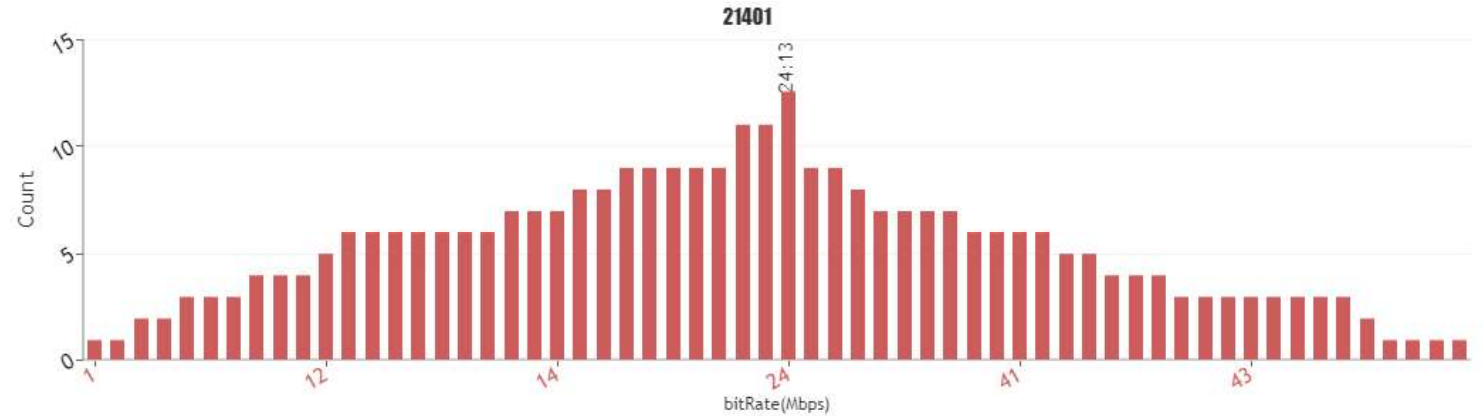
VODAFONE SERVEI DE DADES, MAPA DE VELOCITATS DE DESCÀRREGA, BELLAGUARDA



Download test KPI statistics per mobile operator for 21401\_vodafone ES

Operators	21401
above 1.2Mbps	98.7539 % (count : 317)
0.4Mbps - 1.2Mbps	0.3115 % (count : 1)
0Mbps - 0.4Mbps	0.9346 % (count : 3)
Average (mbps)	27.92
Peak Speed (mbps)	61.4
Lowest Recorded (mbps)	0.01
Total Geo samples	321

Download test distribution chart per mobile operators for 21401\_vodafone ES



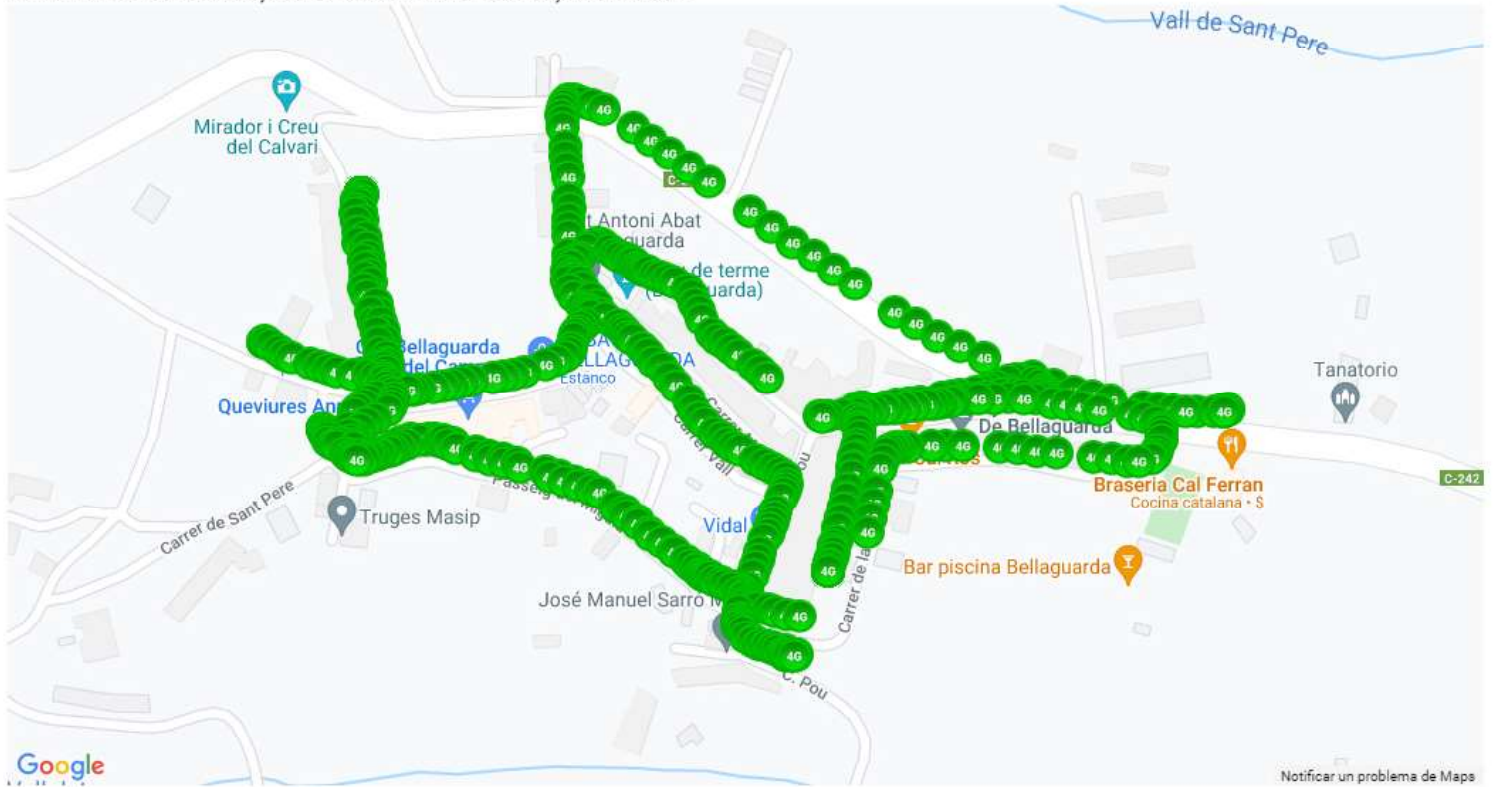
## User perceived mobile network coverage during tests



mobile network coverage during tests for operators 21401\_vodafone ES



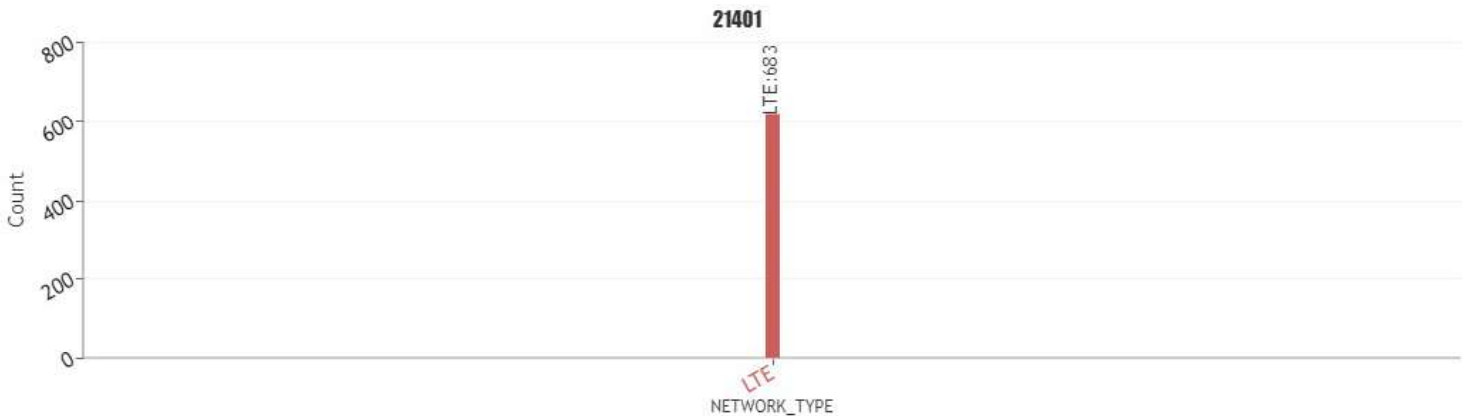
VODAFONE SERVEI DE DADES, ACCÉS A XARXES DE L'OPERADOR, BELLAGUARDA



RAN technology statistics per mobile network operator for 21401\_vodafone ES

Network Type	21401
5G	0.0000%
4G	100.0000%
3G	0.0000%
2G	0.0000%
CDMA	0.0000%
NONNETWORK	0.0000%
Total Geo samples	683

RAN technology distribution chart per mobile network operator for 21401\_vodafone ES

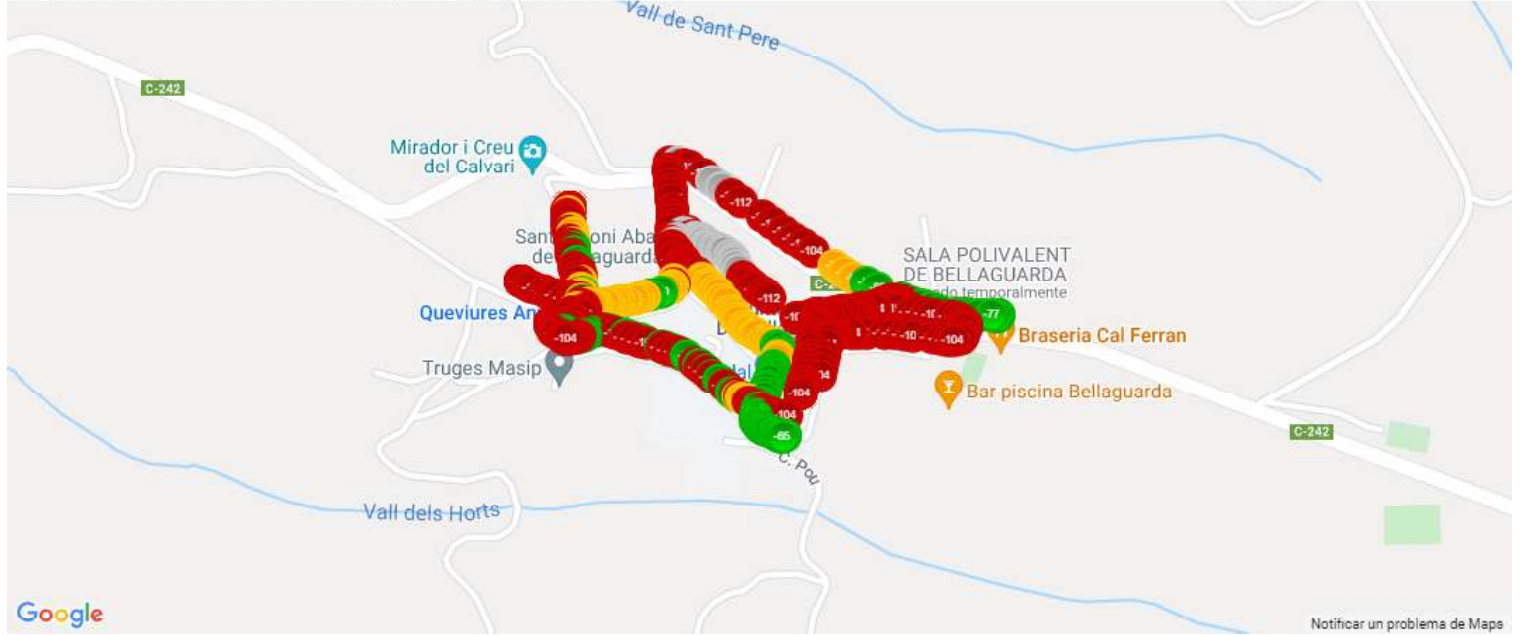




## RSRP view

RSRP KPI statistics per mobile operator for operator 21401\_vodafone ES

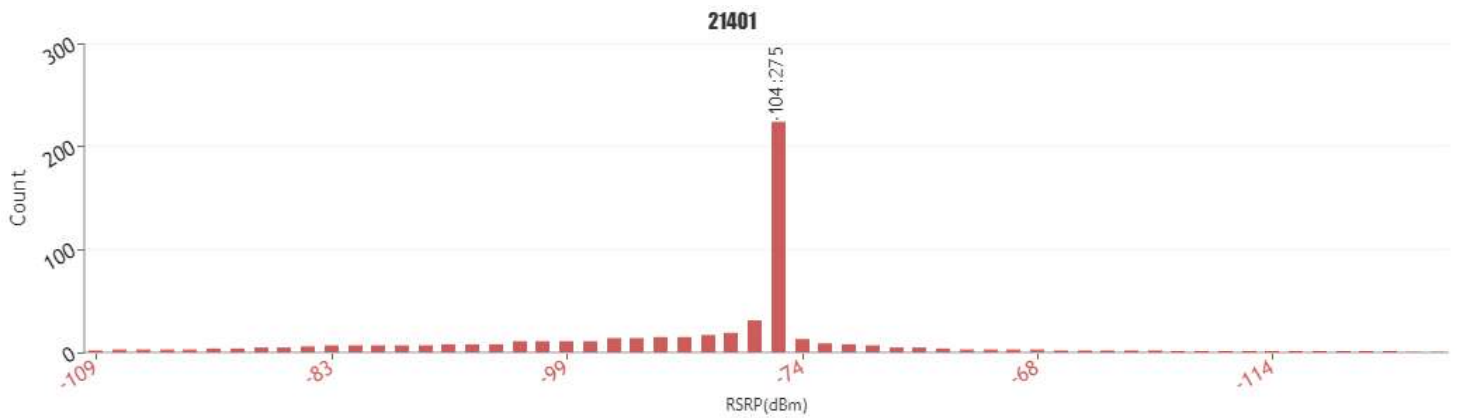
VODAFONE SERVEI DE DADES, MAPA DE NIVELL DE SENYAL, BELLAGUARDA



RSRP KPI statistics per mobile operator for 21401\_vodafone ES

Operators	21401
>= to -89dBm	20.2643 % (count : 138)
B/w -99dBm to -90dBm	12.0411 % (count : 82)
B/w -112dBm to -100dBm	62.9956 % (count : 429)
<= -113dBm	4.6990 % (count : 32)
Total Geo samples	681

RSRP distribution chart per mobile operator for 21401\_vodafone ES



# RantCell User QoE test report

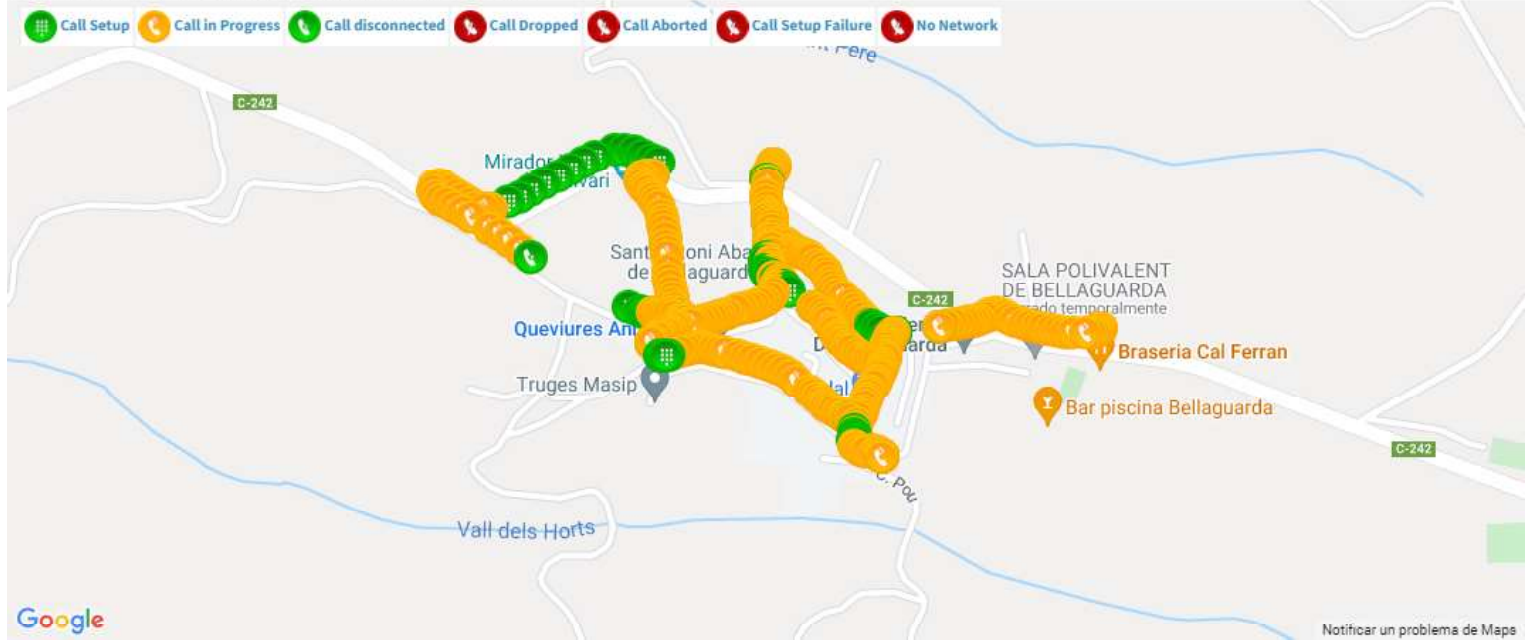


OperatorName	21403_Orange
Test phone Model/Models	Samsung SM-A226B
Report Generation Time	Mar 21, 2022 12:13:41 PM
Test StartTime	Mar 16, 2022 1:01:37 PM
Test EndTime	Mar 16, 2022 1:12:51 PM
Voice Call Test	Yes

## Voice call test report

Call test view of mobile operators for 21403\_Orange

### ORANGE SERVEI DE VEU, MAPA DE TRUCADES, BELLAGUARDA



Call test KPI statistics per mobile operator for 21403\_Orange

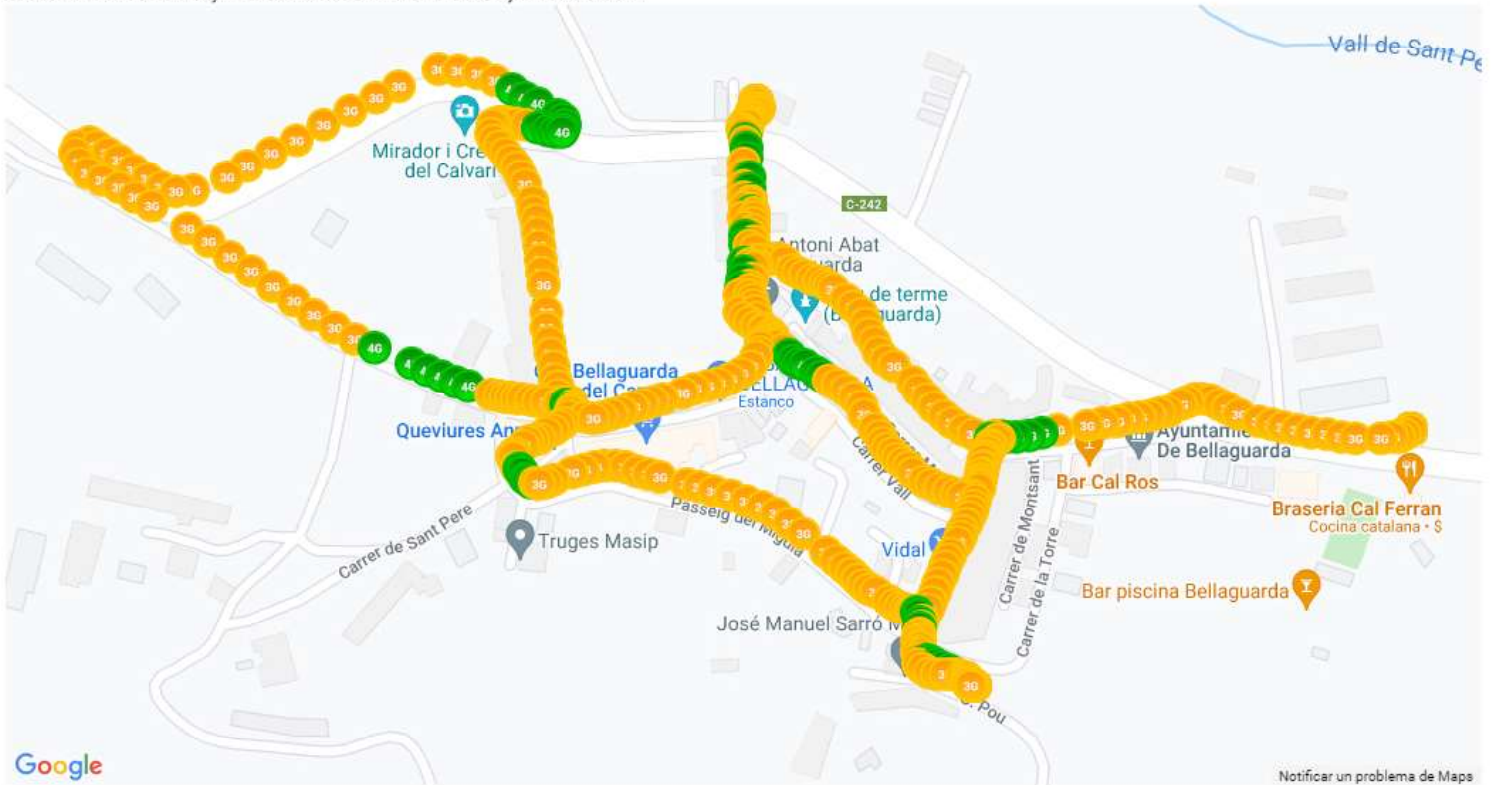
Operators	21403
Total Calls Success	13
Total Calls Attempted	14
Total Calls Failed	1
Dropped Calls	1
Aborted Calls	0
CallSetup Failed	0
No Network	0
Attempted Voice call on 2G	0
Attempted Voice call on 3G	2
Successful CSFB call to 3G	11

# User perceived mobile network coverage during tests



mobile network coverage during tests for operators 21403\_Orange

ORANGE SERVEI DE VEU, ACCÉS A XARXES DE L'OPERADOR, BELLAGUARDA



RAN technology statistics per mobile network operator for 21403\_Orange

Network Type	21403
5G	0.0000%
4G	14.6209%
3G	85.3791%
2G	0.0000%
CDMA	0.0000%
NONNETWORK	0.0000%
Total Geo samples	554

RAN technology distribution chart per mobile network operator for 21403\_Orange

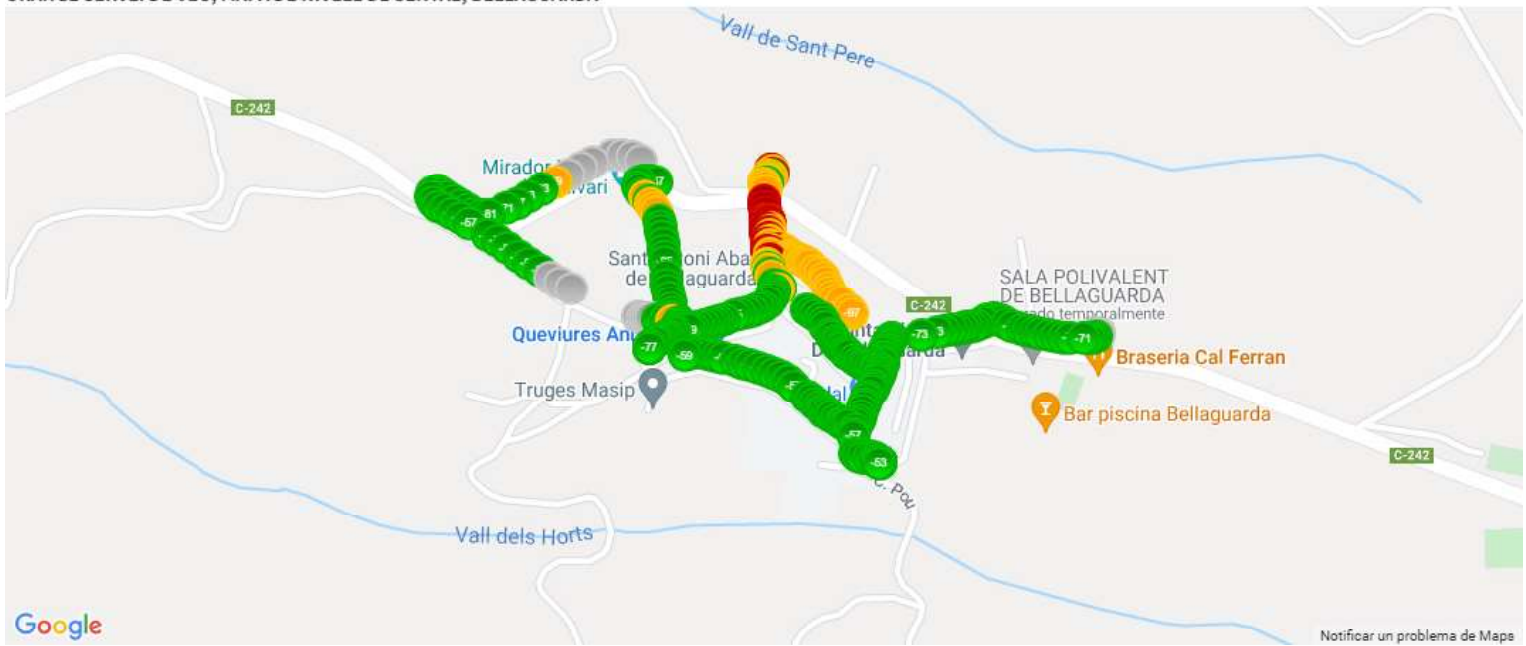


# RSSI view



RSSI KPI statistics per mobile operator for operator 21403\_Orange

ORANGE SERVEI DE VEU, MAPA DE NIVELL DE SENYAL, BELLAGUARDA



# RantCell User QoE test report



OperatorName	21403_Orange
Test phone Model/Models	Samsung SM-A226B
Report Generation Time	Mar 21, 2022 12:16:28 PM
Test StartTime	Mar 16, 2022 1:02:03 PM
Test EndTime	Mar 16, 2022 1:12:12 PM
Download Speed Test	Yes



# Download speed test report

Download speed test view for 21403\_Orange



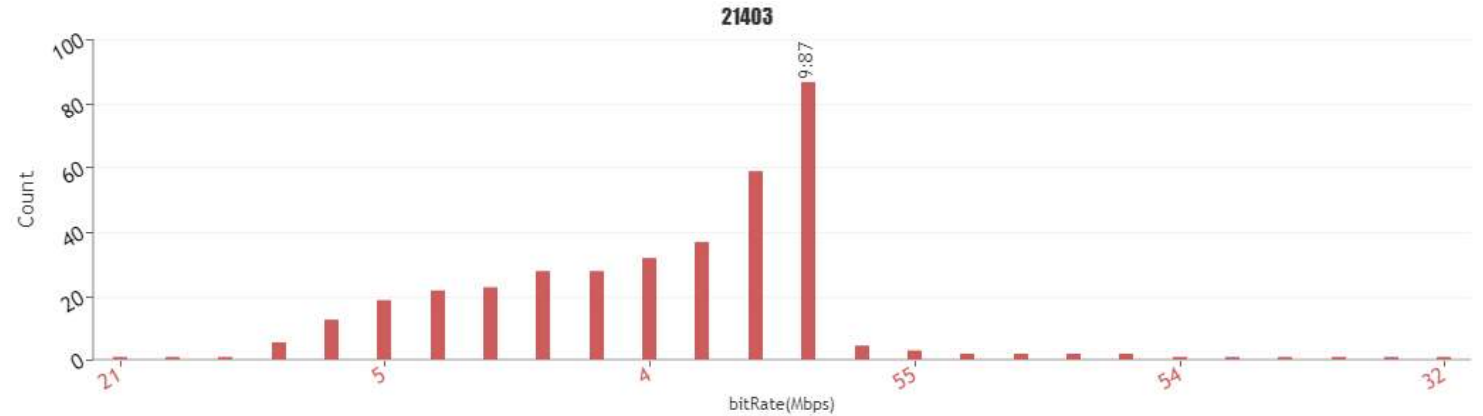
ORANGE SERVEI DE DADES, MAPA DE VELOCITATS DE DESCÀRREGA, BELLAGUARDA



Download test KPI statistics per mobile operator for 21403\_Orange

Operators	21403
above 1.2Mbps	96.0422 % (count : 364)
0.4Mbps - 1.2Mbps	2.3747 % (count : 9)
0Mbps - 0.4Mbps	1.5831 % (count : 6)
Average (mbps)	8.29
Peak Speed (mbps)	54.78
Lowest Recorded (mbps)	0
Total Geo samples	379

Download test distribution chart per mobile operators for 21403\_Orange

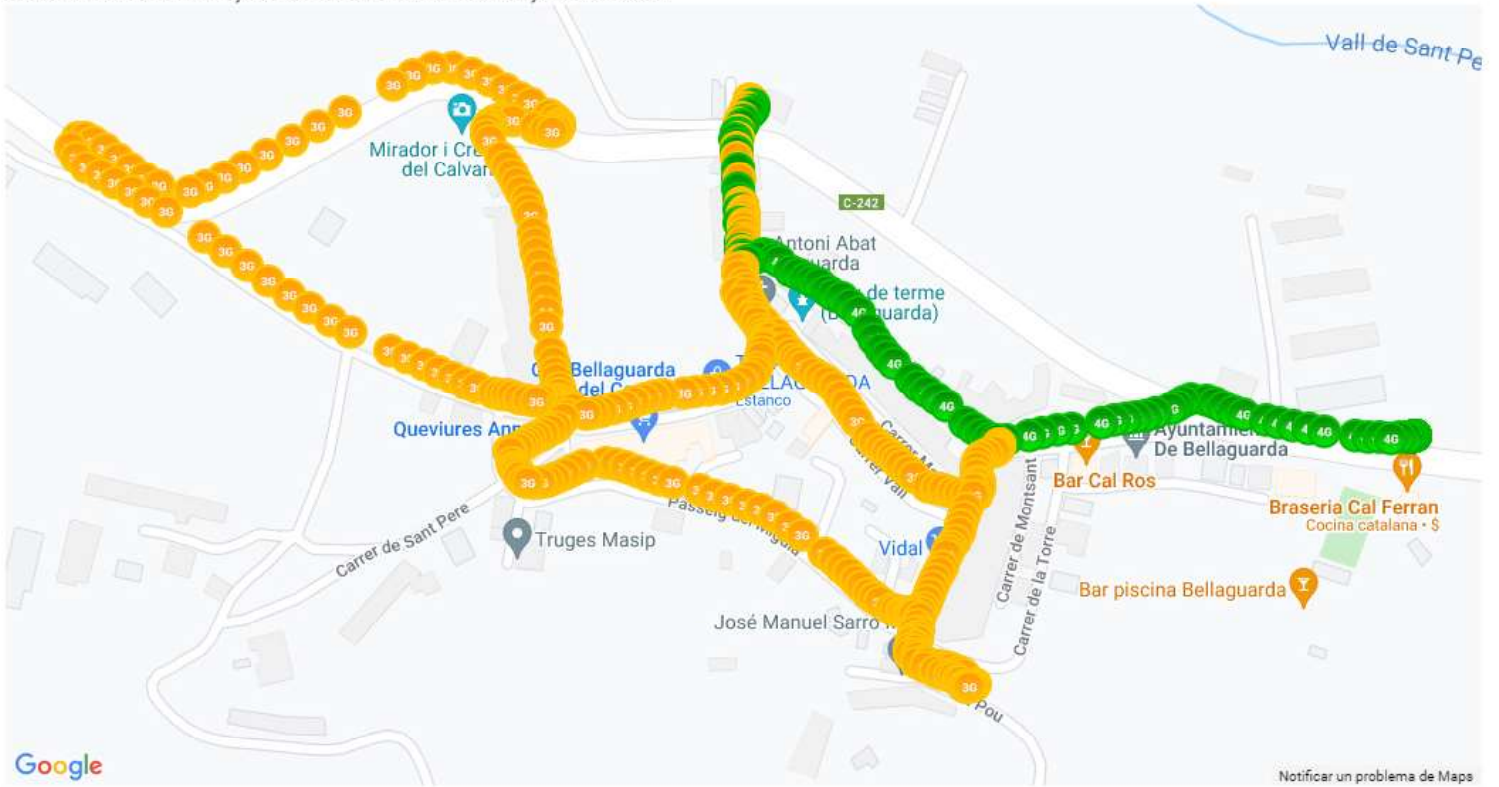


# User perceived mobile network coverage during tests



mobile network coverage during tests for operators 21403\_Orange

ORANGE SERVEI DE DADES, ACCÉS A XARXES DE L'OPERADOR, BELLAGUARDA



## RAN technology statistics per mobile network operator for 21403\_Orange

Network Type	21403
5G	0.0000%
4G	21.3740%
3G	78.6260%
2G	0.0000%
CDMA	0.0000%
NONNETWORK	0.0000%
Total Geo samples	524

## RAN technology distribution chart per mobile network operator for 21403\_Orange

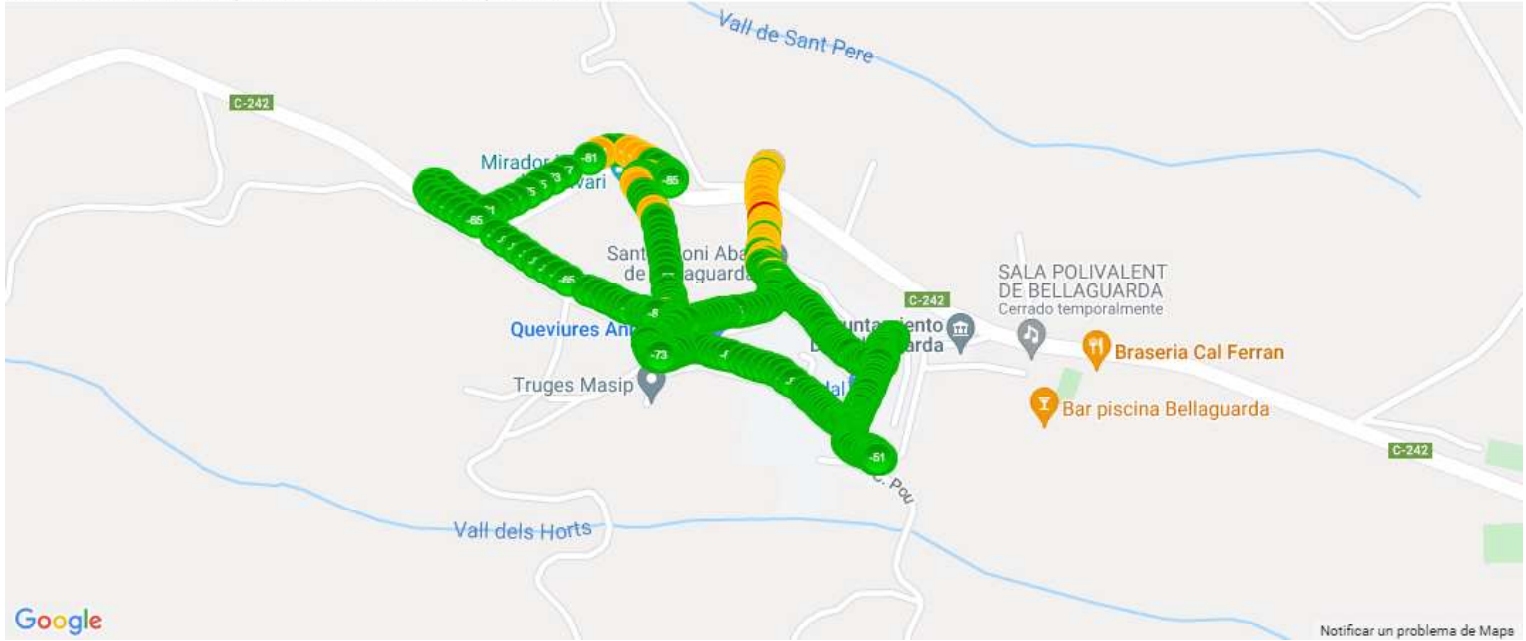


## RSSI view



RSSI KPI statistics per mobile operator for operator 21403\_Orange

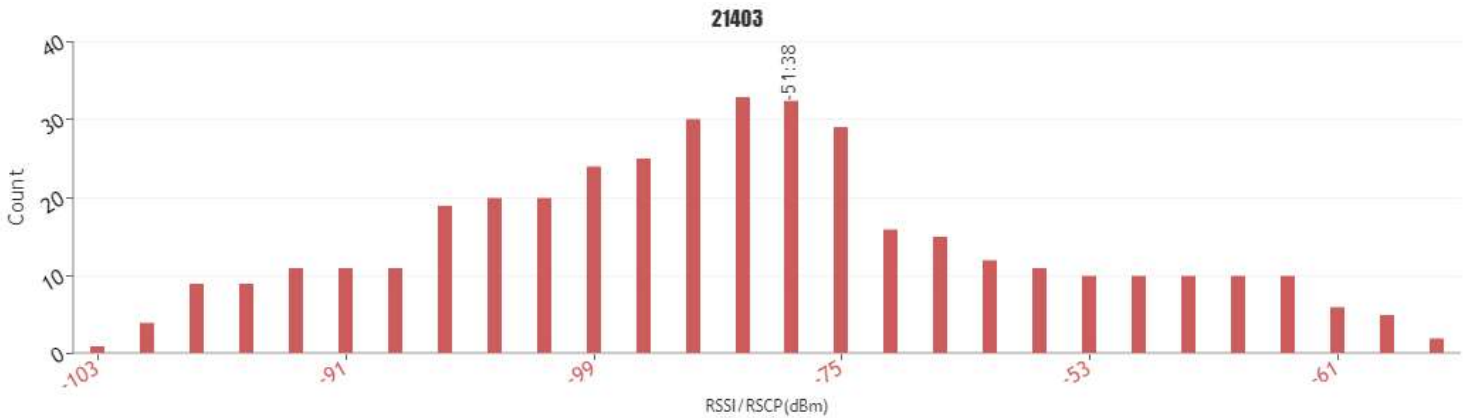
ORANGE SERVEI DE DADES, MAPA DE NIVELL DE SENYAL, BELLAGUARDA



RSSI KPI statistics per mobile operator for 21403\_Orange

Operators	21403
>= -89dBm	82.2384 % (count : 338)
B/w -99dBm to -90dBm	16.0584 % (count : 66)
B/w -112dBm to -100dBm	0.7299 % (count : 3)
<= -113dBm	0.9732 % (count : 4)
Total Geo samples	411

RSSI distribution chart per mobile operator for 21403\_Orange



## BOVERA: RESUM MESURES

OPERADOR	SERVEI DE VEU	SERVEI DE DADES
MOVISTAR	CORRECTE (3G)	ACCEPTABLE 40% (3G)
VODAFONE	ACCEPTABLE 70% (3G)	CORRECTE (4G)
ORANGE	ACCEPTABLE 70% (3G)	CORRECTE (4G)

Comentaris:

Movistar te un servei de dades deficient al 60% del poble (segons percentatge de velocitats inferiors a 1,2 Mbps). Vodafone i Orange tenen un servei de veu deficient al 30% del poble (segons percentatge trucades fallades).

No es té cap informació relativa a si hi ha o no fibra òptica al municipi.

Servei de Movistar, Vodafone i Orange provinent d'antenes al nord de l'estanc.



☰ ● BOVERA



### VODAFONE ESPAÑA, S.A.

Estación: 102818  
Dirección: ZN POLÍGONO 1 PARCELA 226.  
BOVERA, LLEIDA  
Posición: 41.329892 lat / 0.637686 lng  
Elevación: **Sólo PRO**

ID	BANDA	MODOS*
1	842.00 - 852.00	4G
1	949.90 - 959.90	2G 3G
1	949.90 - 959.90	2G 3G

### ORANGE ESPAGNE, S.A.U.

Estación: CATR5453A  
Dirección: ZN POLÍGONO 1 PARCELA 226.  
BOVERA, LLEIDA  
Posición: 41.329892 lat / 0.637686 lng  
Elevación: **Sólo PRO**

ID	BANDA	MODOS*
1	832.00 - 842.00	4G
1	925.10 - 935.10	2G 3G
1	925.10 - 935.10	2G 3G

### TELEFONICA MOVILES ESPAÑA, S.A.U.

Estación: 2500268  
Dirección: ZN Polígono 1 Parcela 226. BOVERA,  
LLEIDA  
Posición: 41.329722 lat / 0.637778 lng  
Elevación: **Sólo PRO**

ID	BANDA	MODOS*
1	935.10 - 949.90	2G
1	935.10 - 949.90	2G



# RantCell User QoE test report



OperatorName	21407_Movistar
Test phone Model/Models	Samsung SM-A226B
Report Generation Time	Mar 23, 2022 7:18:30 AM
Test StartTime	Mar 16, 2022 2:44:09 PM
Test EndTime	Mar 16, 2022 2:53:13 PM
Voice Call Test	Yes



## Voice call test report



Call test view of mobile operators for 21407\_Movistar

### MOVISTAR SERVEI DE VEU, MAPA DE TRUCADES, BOVERA



Call test KPI statistics per mobile operator for 21407\_Movistar

Operators	21407
Total Calls Success	11
Total Calls Attempted	12
Total Calls Failed	1
Dropped Calls	0
Aborted Calls	0
CallSetup Failed	1
No Network	0
Attempted Voice call on 2G	0
Attempted Voice call on 3G	11
Not Determined(Voice CallType)	1

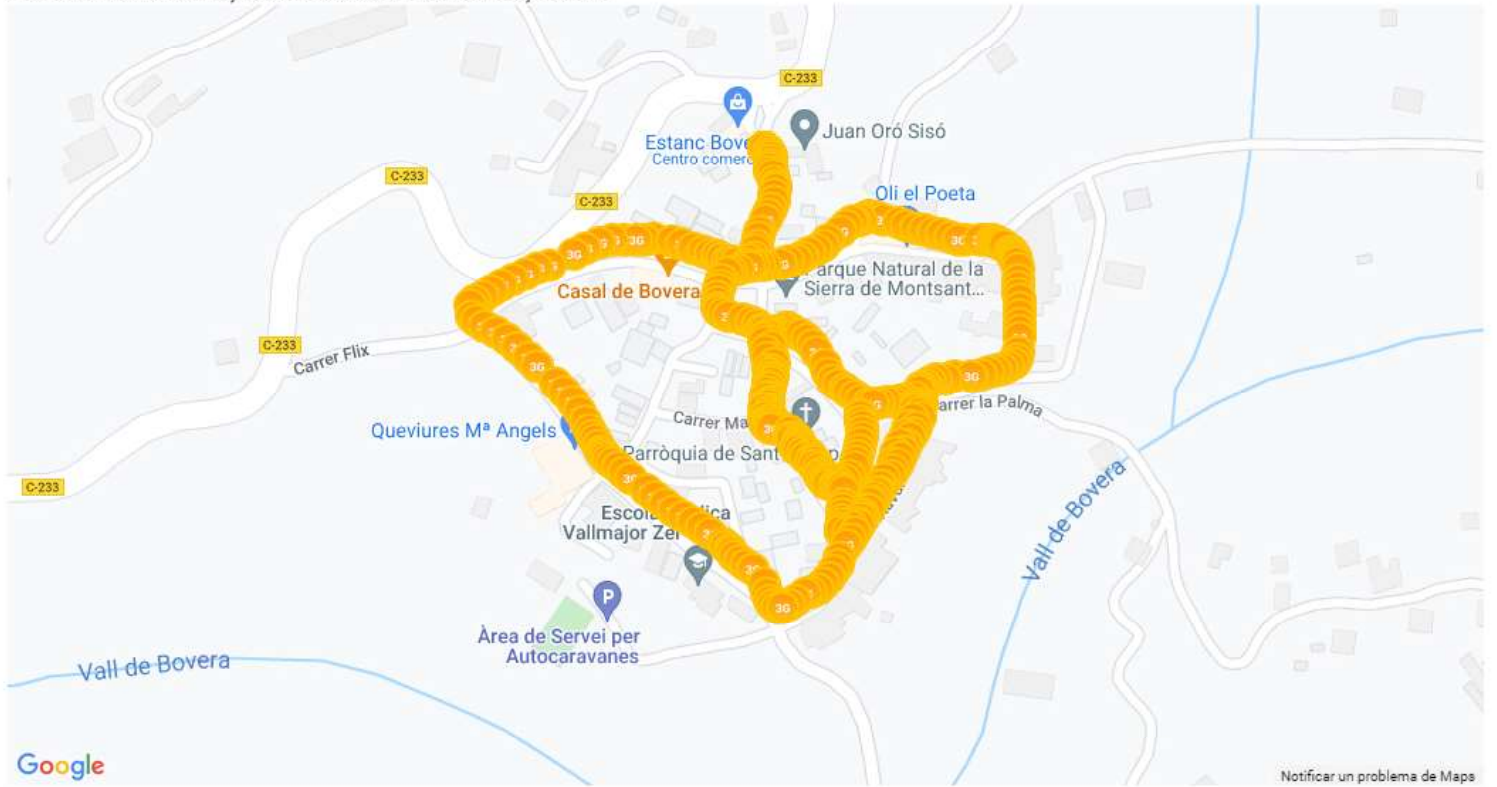
# User perceived mobile network coverage during tests



mobile network coverage during tests for operators 21407\_Movistar



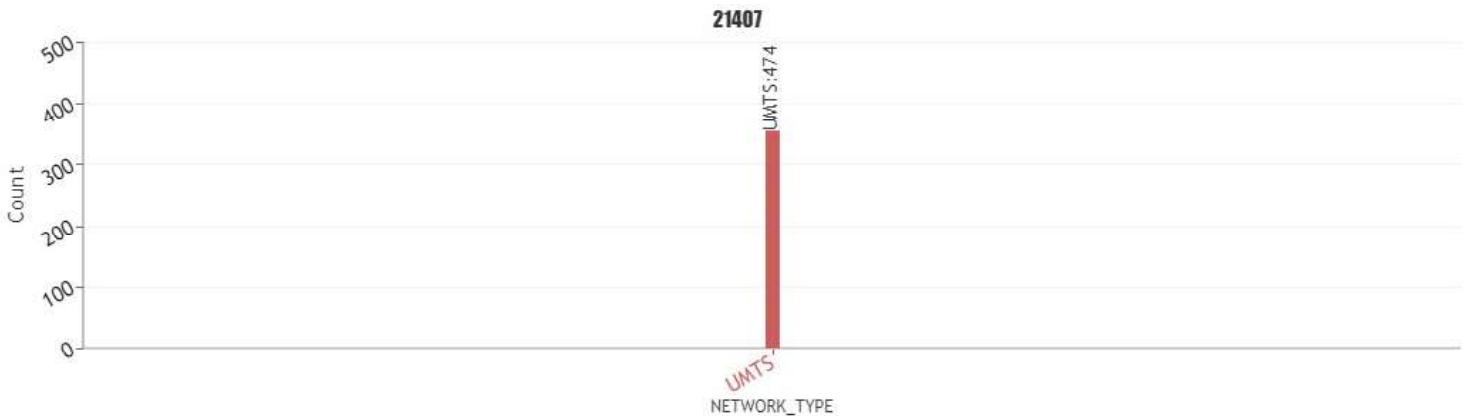
MOVISTAR SERVEI DE VEU, ACCÉS A XARXES DE L'OPERADOR, BOVERA



## RAN technology statistics per mobile network operator for 21407\_Movistar

Network Type	21407
5G	0.0000%
4G	0.0000%
3G	100.0000%
2G	0.0000%
CDMA	0.0000%
NONETWORK	0.0000%
Total Geo samples	474

## RAN technology distribution chart per mobile network operator for 21407\_Movistar



## RSSI view



RSSI KPI statistics per mobile operator for operator 21407\_Movistar

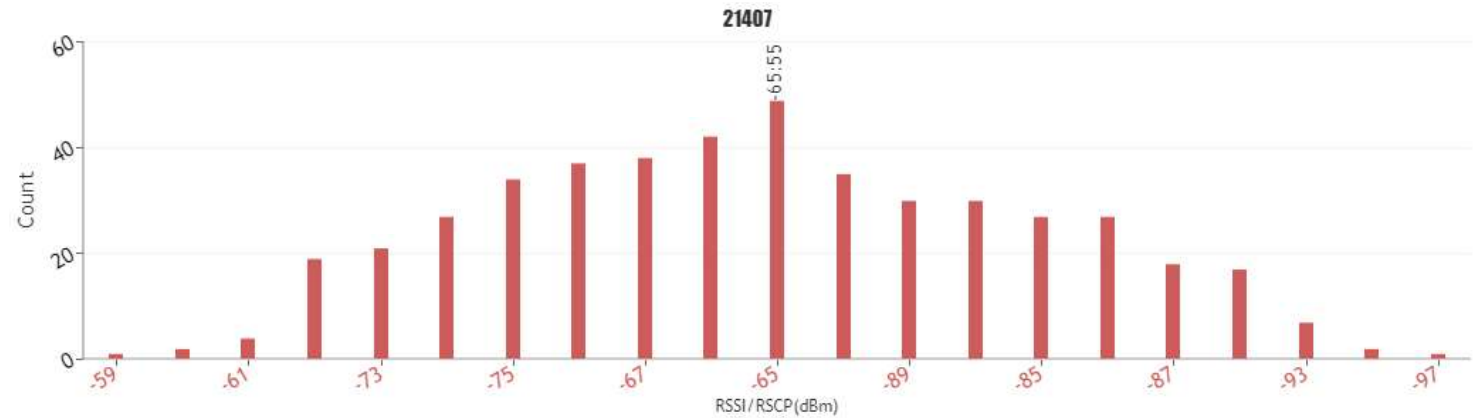
MOVISTAR SERVEI DE VEU, MAPA DE NIVELL DE SENYAL, BOVERA



RSSI KPI statistics per mobile operator for 21407\_Movistar

Operators	21407
>= -89dBm	94.3038 % (count : 447)
B/w -99dBm to -90dBm	5.6962 % (count : 27)
B/w -112dBm to -100dBm	0 % (count : 0)
<= -113dBm	0 % (count : 0)
Total Geo samples	474

RSSI distribution chart per mobile operator for 21407\_Movistar



# RantCell User QoE test report



OperatorName	21407_Movistar
Test phone Model/Models	Samsung SM-A226B
Report Generation Time	Mar 23, 2022 7:24:45 AM
Test StartTime	Mar 16, 2022 2:44:38 PM
Test EndTime	Mar 16, 2022 2:53:12 PM
Download Speed Test	Yes

## Download speed test report

Download speed test view for 21407\_Movistar



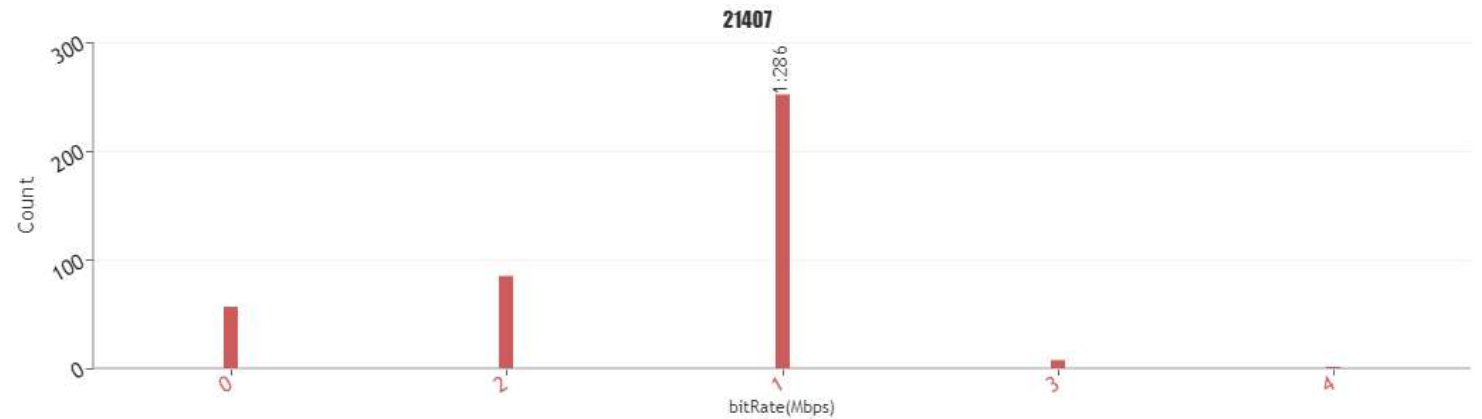
### MOVISTAR SERVEI DE DADES, MAPA DE VELOCITATS DE DESCÀRREGA, BOVERA



### Download test KPI statistics per mobile operator for 21407\_Movistar

Operators	21407
above 1.2Mbps	35.0000 % (count : 154)
0.4Mbps - 1.2Mbps	58.6364 % (count : 258)
0Mbps - 0.4Mbps	6.3636 % (count : 28)
Average (mbps)	1.08
Peak Speed (mbps)	3.66
Lowest Recorded (mbps)	0.14
Total Geo samples	440

### Download test distribution chart per mobile operators for 21407\_Movistar





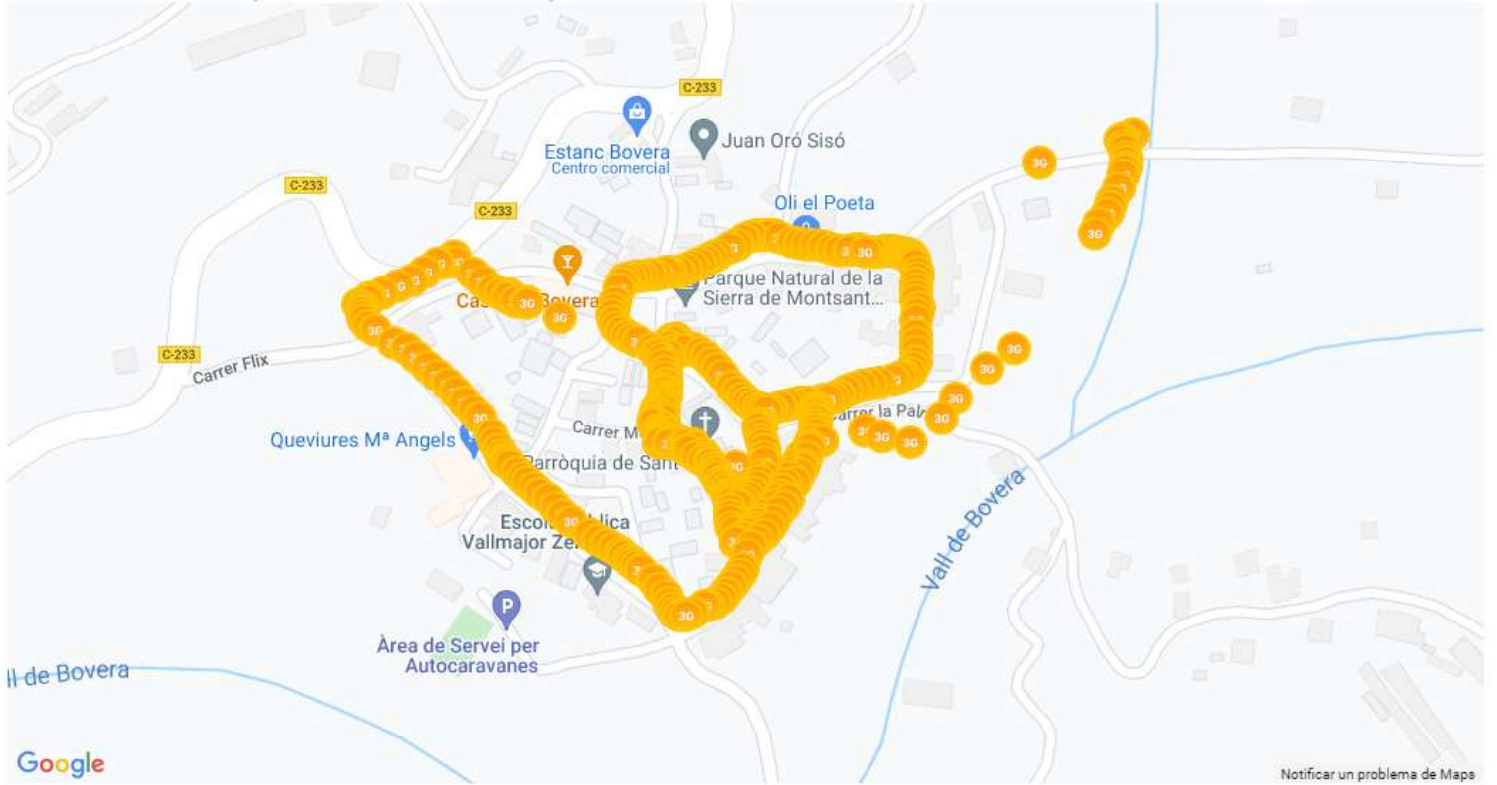
# User perceived mobile network coverage during tests



mobile network coverage during tests for operators 21407\_Movistar



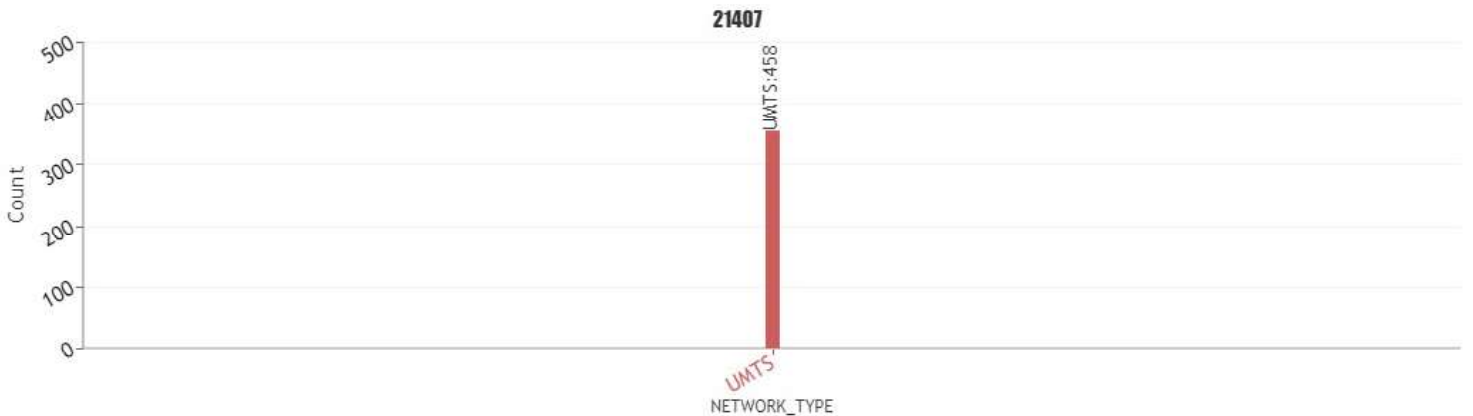
MOVISTAR SERVEI DE DADES, ACCÉS A XARXES DE L'OPERADOR, BOVERA



## RAN technology statistics per mobile network operator for 21407\_Movistar

Network Type	21407
5G	0.0000%
4G	0.0000%
3G	100.0000%
2G	0.0000%
CDMA	0.0000%
NONNETWORK	0.0000%
Total Geo samples	458

## RAN technology distribution chart per mobile network operator for 21407\_Movistar



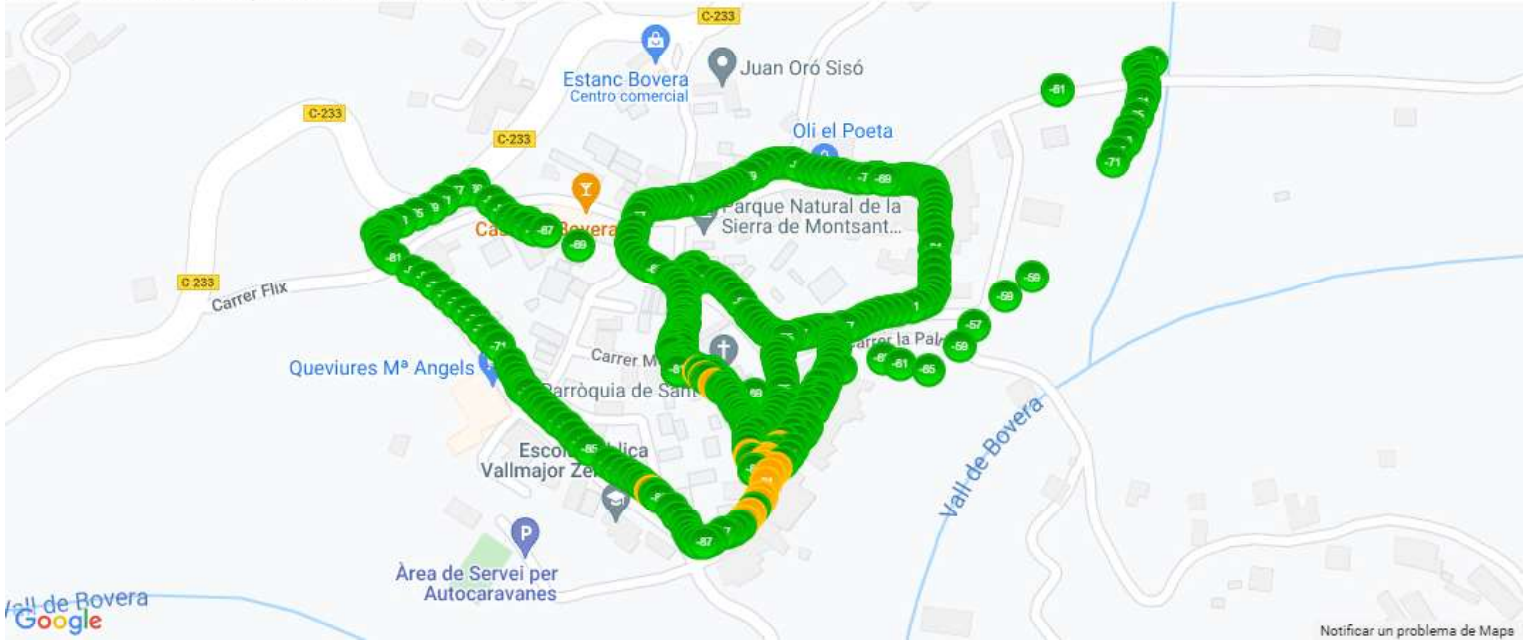


# RSSI view



RSSI KPI statistics per mobile operator for operator 21407\_Movistar

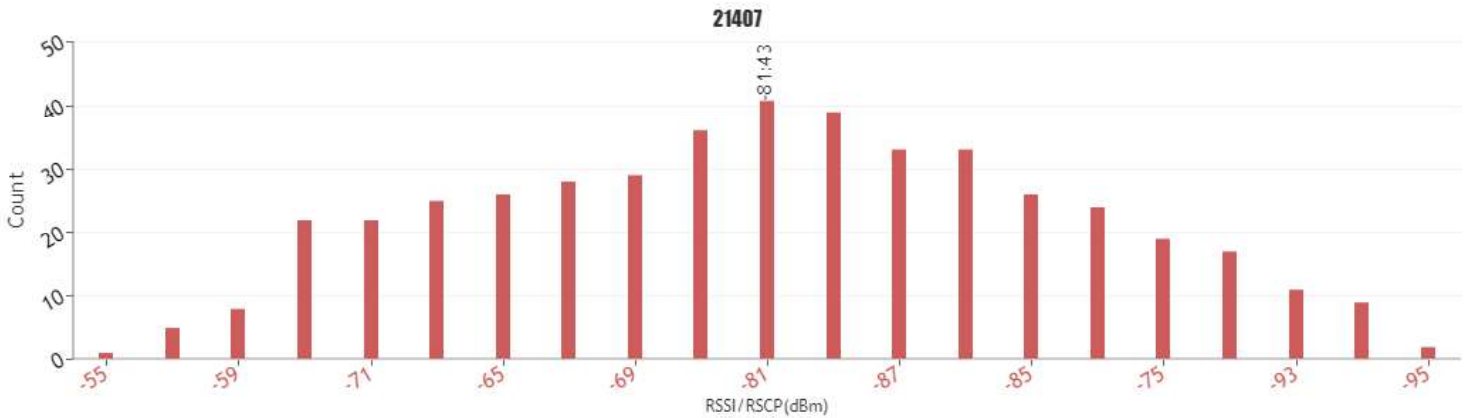
MOVISTAR SERVEI DE DADES, MAPA DE NIVELL DE SENYAL, BOVERA



RSSI KPI statistics per mobile operator for 21407\_Movistar

Operators	21407
>= -89dBm	95.1965 % (count : 436)
B/w -99dBm to -90dBm	4.8035 % (count : 22)
B/w -112dBm to -100dBm	0 % (count : 0)
<= -113dBm	0 % (count : 0)
Total Geo samples	458

RSSI distribution chart per mobile operator for 21407\_Movistar



# RantCell User QoE test report



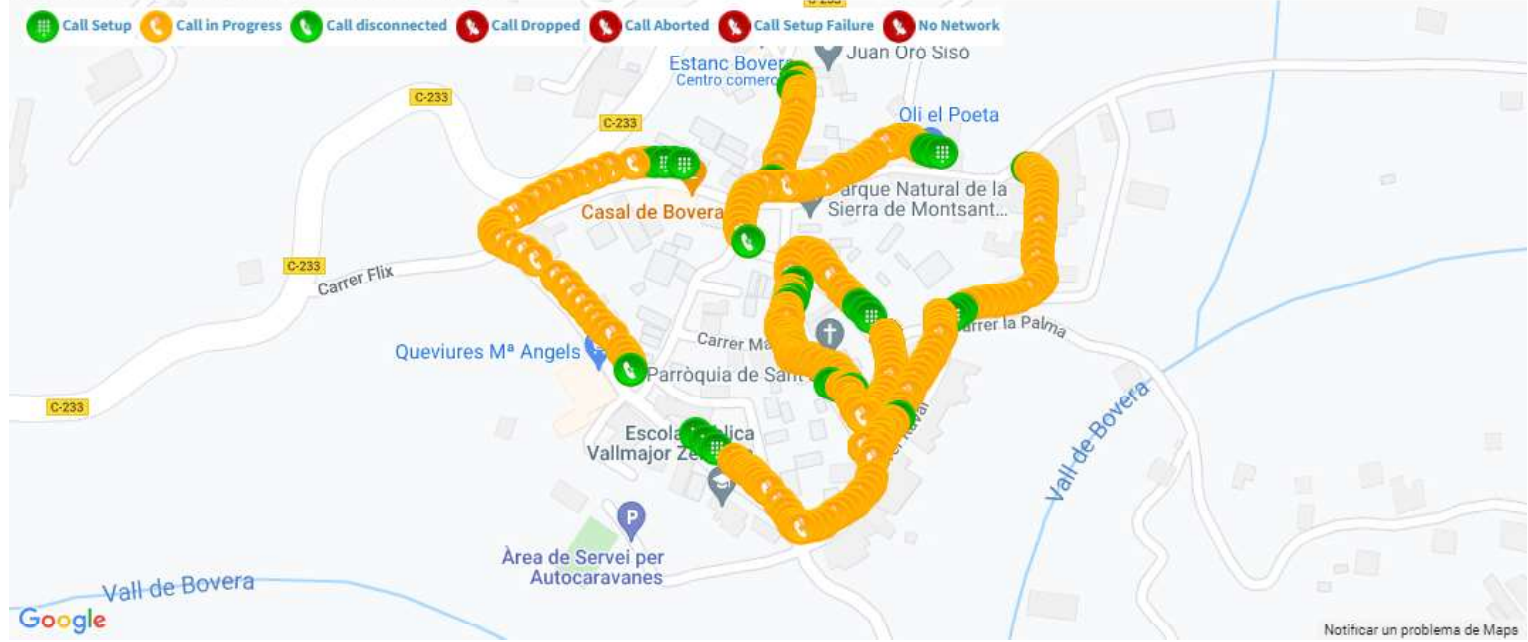
OperatorName	21401_vodafone ES
Test phone Model/Models	Samsung SM-A226B
Report Generation Time	Mar 23, 2022 7:38:43 AM
Test StartTime	Mar 16, 2022 2:44:02 PM
Test EndTime	Mar 16, 2022 2:53:54 PM
Voice Call Test	Yes

## Voice call test report



Call test view of mobile operators for 21401\_vodafone ES

### VODAFONE SERVEI DE VEU, MAPA DE TRUCADES, BOVERA



Call test KPI statistics per mobile operator for 21401\_vodafone ES

Operators	21401
Total Calls Success	10
Total Calls Attempted	13
Total Calls Failed	3
Dropped Calls	2
Aborted Calls	0
CallSetup Failed	1
No Network	0
Attempted Voice call on 2G	0
Attempted Voice call on 3G	4
Successful CSFB call to 3G	8

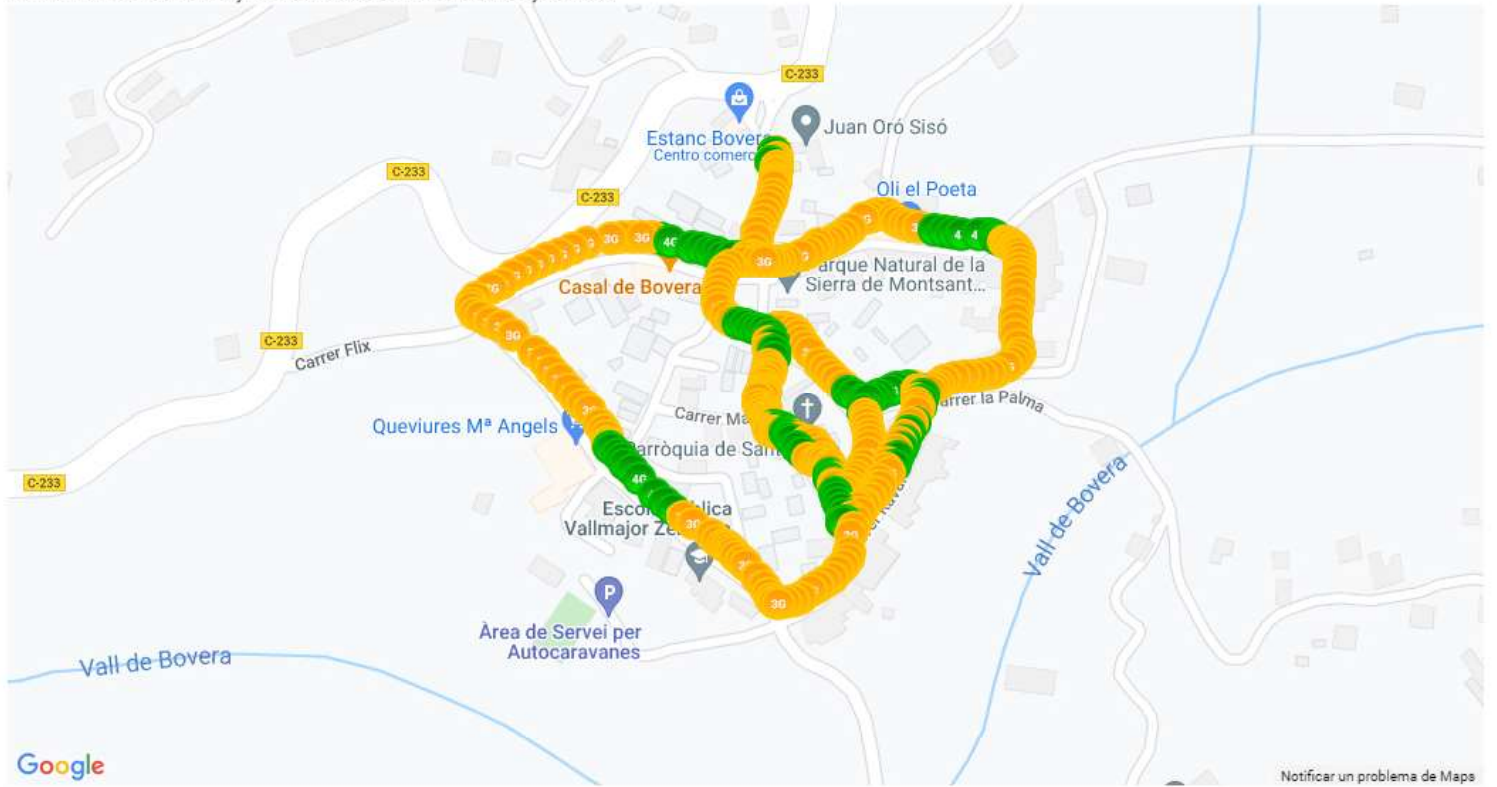
## User perceived mobile network coverage during tests



mobile network coverage during tests for operators 21401\_vodafone ES



VODAFONE SERVEI DE VEU, ACCÉS A XARXES DE L'OPERADOR, BOVERA



## RAN technology statistics per mobile network operator for 21401\_vodafone ES

Network Type	21401
5G	0.0000%
4G	24.3408%
3G	75.6592%
2G	0.0000%
CDMA	0.0000%
NONNETWORK	0.0000%
Total Geo samples	493

## RAN technology distribution chart per mobile network operator for 21401\_vodafone ES

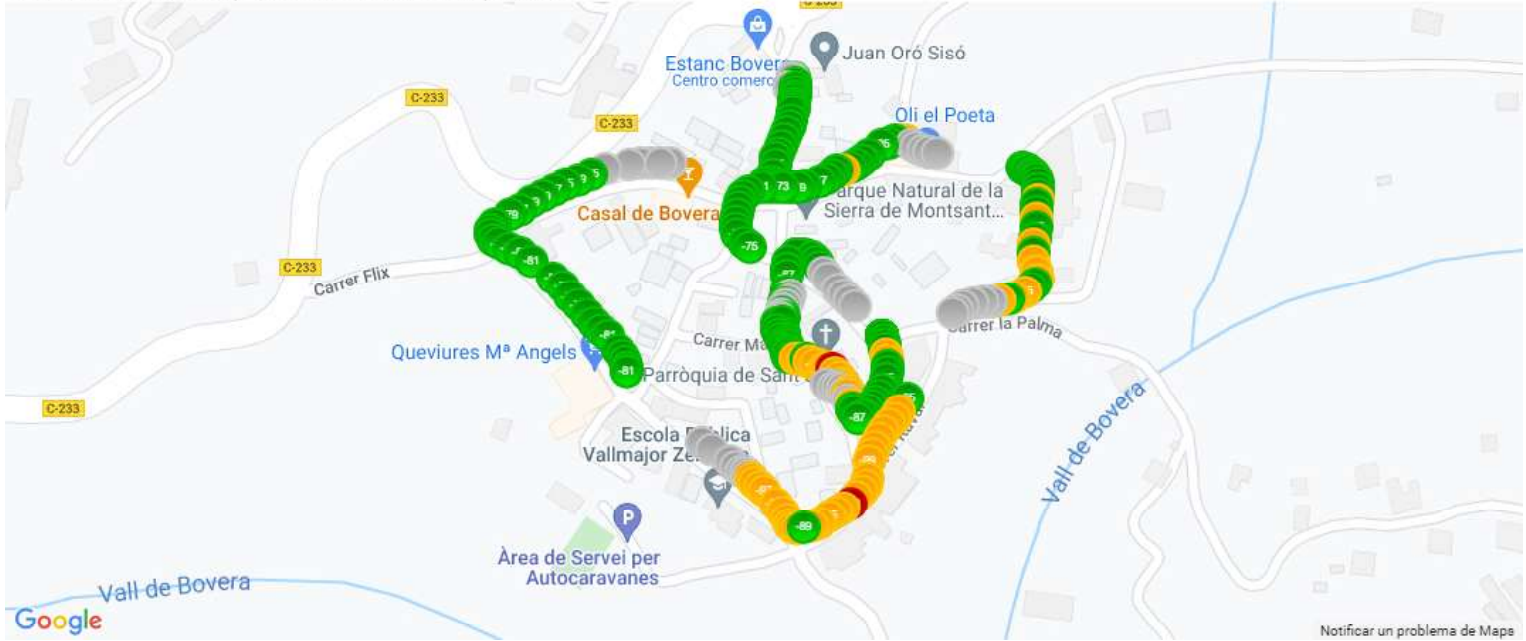


# RSSI view



RSSI KPI statistics per mobile operator for operator 21401\_vodafone ES

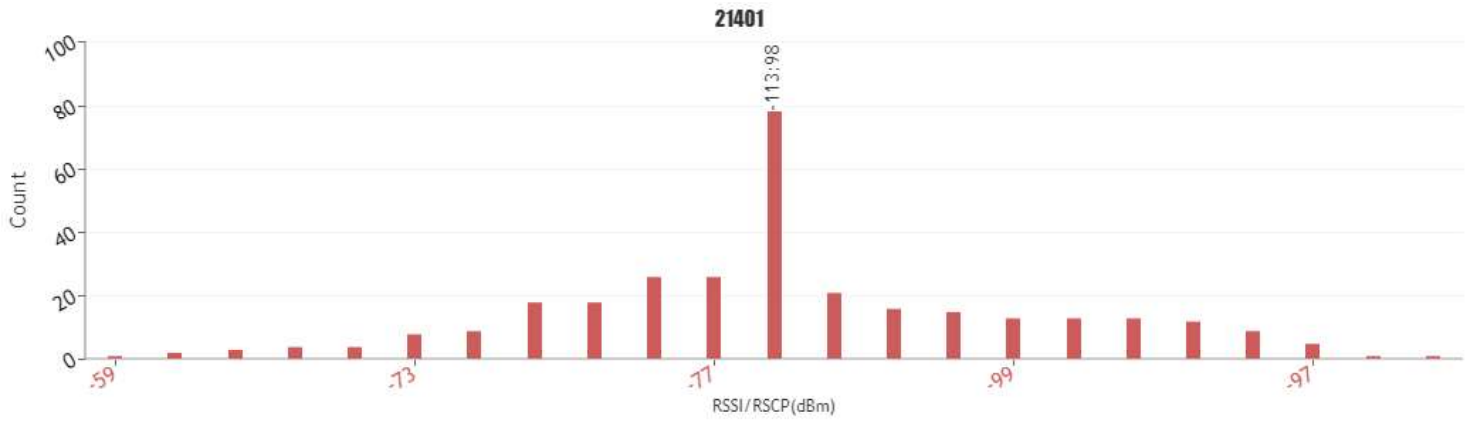
VODAFONE SERVEI DE VEU, MAPA DE NIVELL DE SENYAL, BOVERA



RSSI KPI statistics per mobile operator for 21401\_vodafone ES

Operators	21401
>= -89dBm	52.6786 % (count: 177)
B/w -99dBm to -90dBm	17.5595 % (count: 59)
B/w -112dBm to -100dBm	0.5952 % (count: 2)
<= -113dBm	29.1667 % (count: 98)
Total Geo samples	336

RSSI distribution chart per mobile operator for 21401\_vodafone ES



# RantCell User QoE test report



OperatorName	21401_vodafone ES
Test phone Model/Models	Samsung SM-A226B
Report Generation Time	Mar 23, 2022 7:43:32 AM
Test StartTime	Mar 18, 2022 12:33:11 PM
Test EndTime	Mar 18, 2022 12:43:36 PM
Download Speed Test	Yes



# Download speed test report

Download speed test view for 21401\_vodafone ES



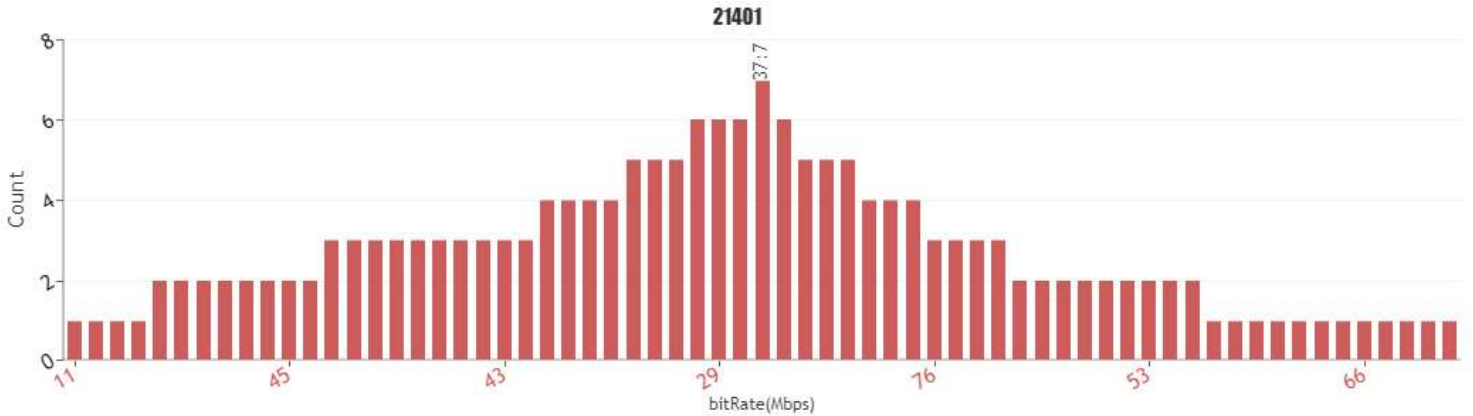
VODAFONE SERVEI DE DADES, MAPA DE VELOCITATS DE DESCÀRREGA, BOVERA



Download test KPI statistics per mobile operator for 21401\_vodafone ES

Operators	21401
above 1.2Mbps	100.0000 % (count : 181)
0.4Mbps - 1.2Mbps	0 % (count : 0)
0Mbps - 0.4Mbps	0 % (count : 0)
Average (mbps)	41.89
Peak Speed (mbps)	84.94
Lowest Recorded (mbps)	11.38
Total Geo samples	181

Download test distribution chart per mobile operators for 21401\_vodafone ES



# User perceived mobile network coverage during tests



mobile network coverage during tests for operators 21401\_vodafone ES



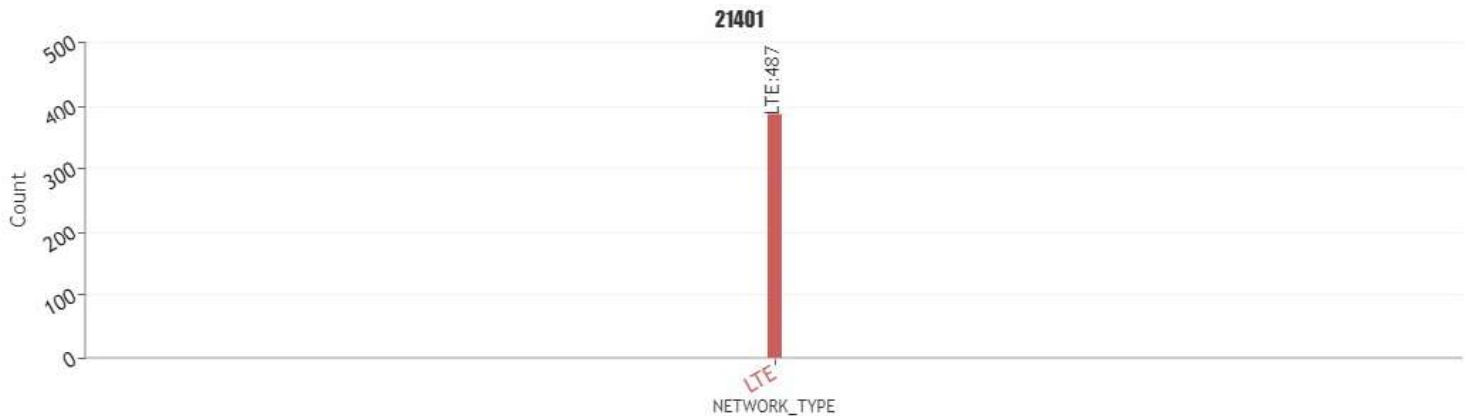
VODAFONE SERVEI DE DADES, ACCÉS A XARXES DE L'OPERADOR, BOVERA



## RAN technology statistics per mobile network operator for 21401\_vodafone ES

Network Type	21401
5G	0.0000%
4G	100.0000%
3G	0.0000%
2G	0.0000%
CDMA	0.0000%
NONNETWORK	0.0000%
Total Geo samples	487

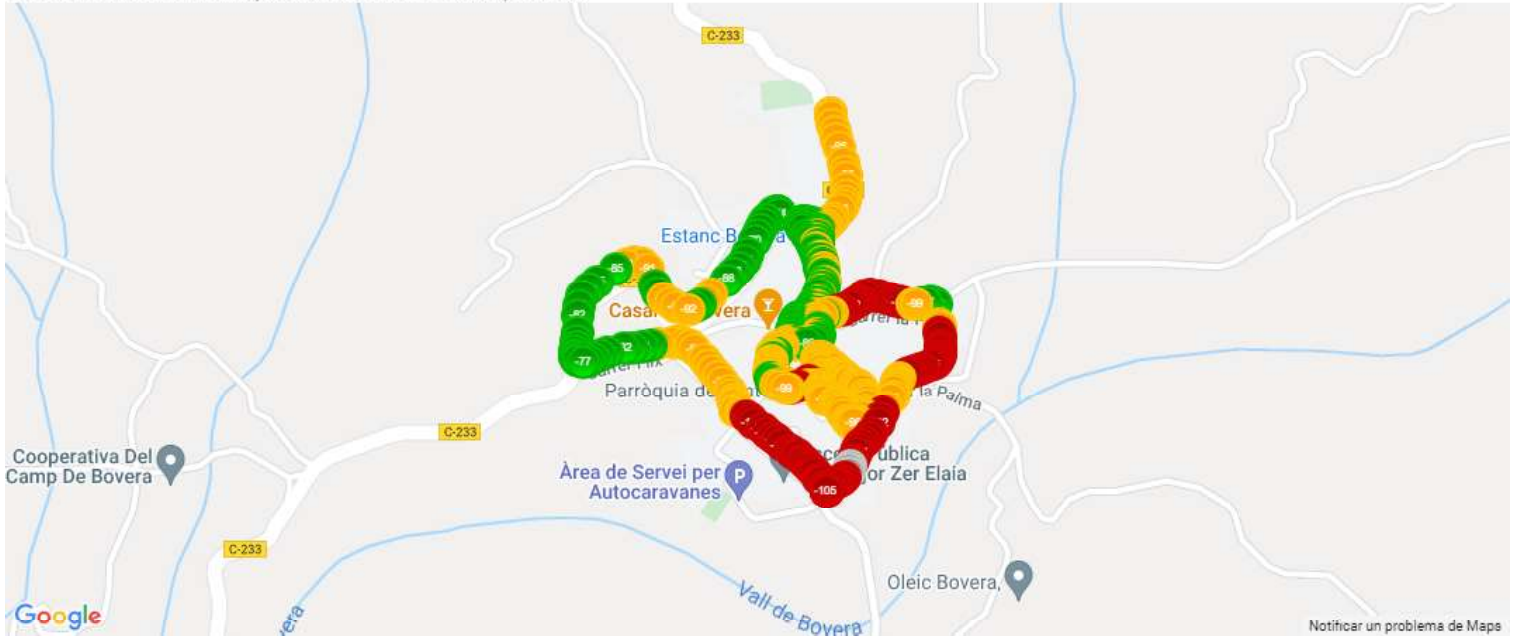
## RAN technology distribution chart per mobile network operator for 21401\_vodafone ES



## RSRP view

RSRP KPI statistics per mobile operator for operator 21401\_vodafone ES

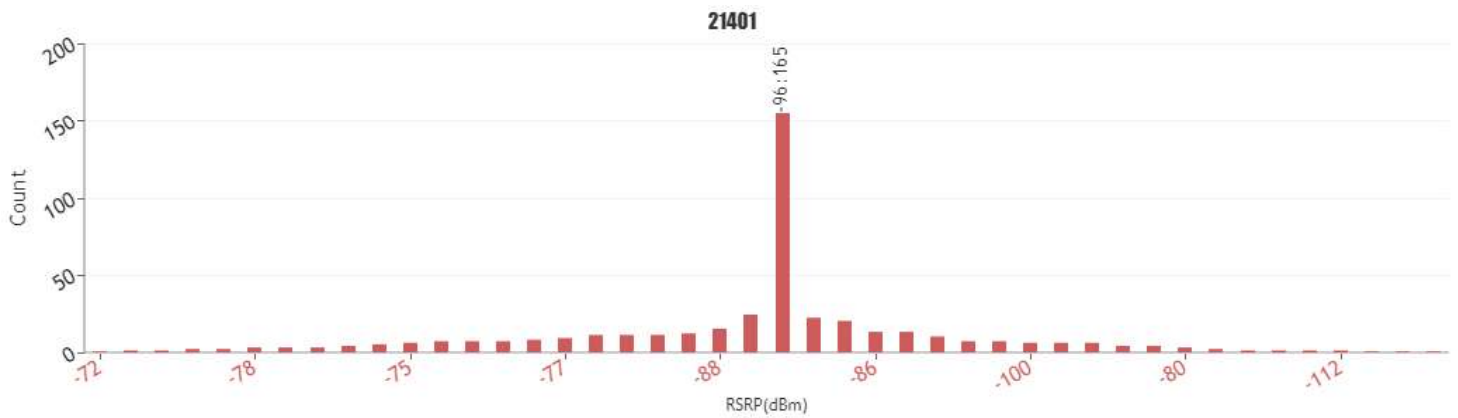
VODAFONE SERVEI DE DADES, MAPA DE NIVELL DE SENYAL, BOVERA



RSRP KPI statistics per mobile operator for 21401\_vodafone ES

Operators	21401
<b>&gt;= to -89dBm</b>	31.6222 % (count: 154)
<b>B/w -99dBm to -90dBm</b>	47.2279 % (count: 230)
<b>B/w -112dBm to -100dBm</b>	20.5339 % (count: 100)
<b>&lt;= -113dBm</b>	0.6160 % (count: 3)
Total Geo samples	487

RSRP distribution chart per mobile operator for 21401\_vodafone ES



# RantCell User QoE test report



OperatorName	21403_Orange
Test phone Model/Models	Samsung SM-A226B
Report Generation Time	Mar 23, 2022 7:30:25 AM
Test StartTime	Mar 16, 2022 2:43:52 PM
Test EndTime	Mar 16, 2022 2:53:42 PM
Voice Call Test	Yes

## Voice call test report

Call test view of mobile operators for 21403\_Orange

### ORANGE SERVEI DE VEU, MAPA DE TRUCADES, BOVERA



Call test KPI statistics per mobile operator for 21403\_Orange

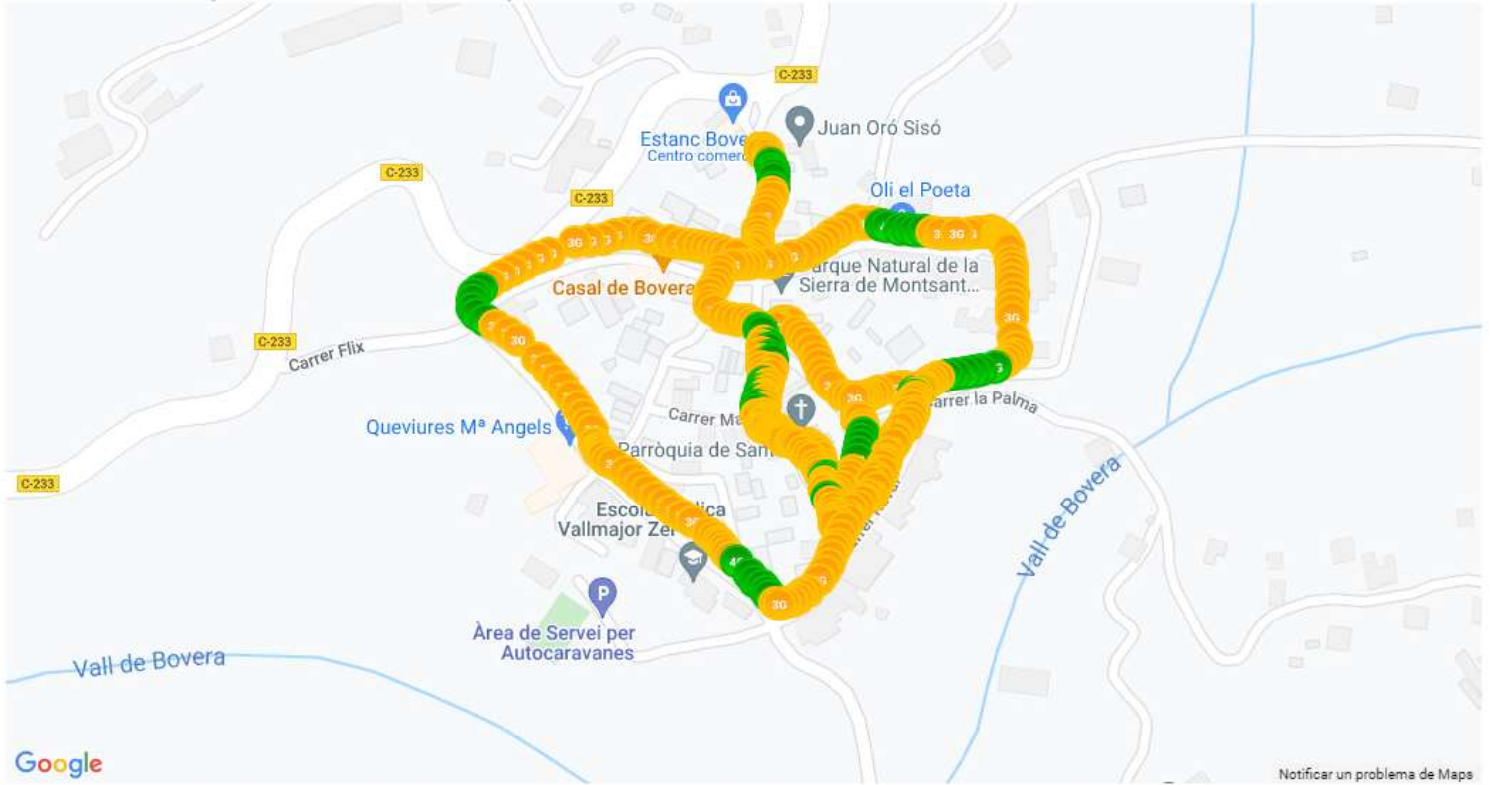
Operators	21403
Total Calls Success	11
Total Calls Attempted	15
Total Calls Failed	4
Dropped Calls	1
Aborted Calls	0
CallSetup Failed	3
No Network	0
Attempted Voice call on 2G	0
Attempted Voice call on 3G	5
Successful CSFB call to 3G	8
CSFB call to 3G Failed	1
Not Determined(Voice CallType)	1

## User perceived mobile network coverage during tests



mobile network coverage during tests for operators 21403\_Orange

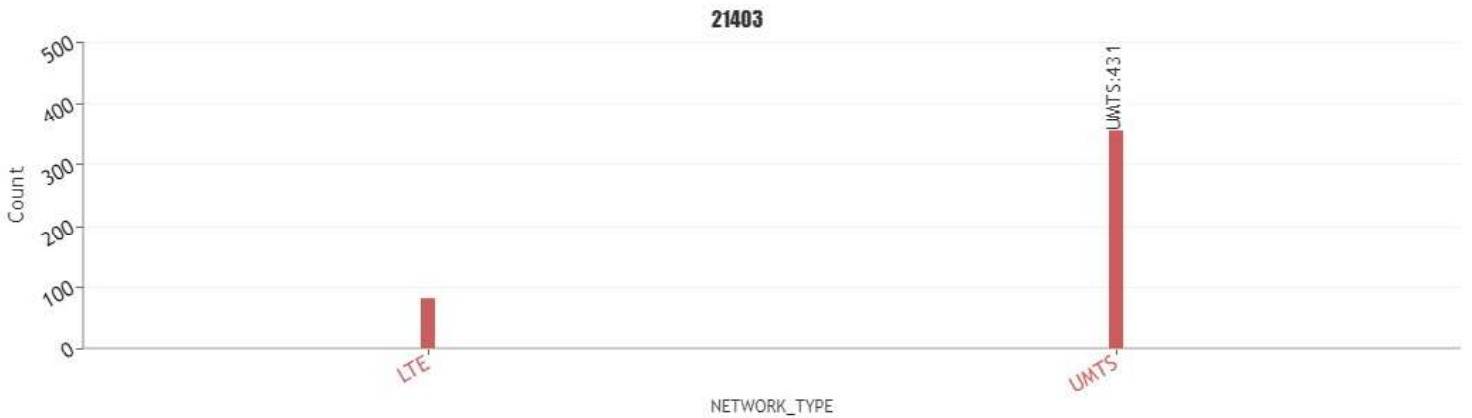
ORANGE SERVEI DE VEU, ACCÉS A XARXES DE L'OPERADOR, BOVERA



## RAN technology statistics per mobile network operator for 21403\_Orange

Network Type	21403
5G	0.0000%
4G	15.9844%
3G	84.0156%
2G	0.0000%
CDMA	0.0000%
NONNETWORK	0.0000%
Total Geo samples	513

## RAN technology distribution chart per mobile network operator for 21403\_Orange



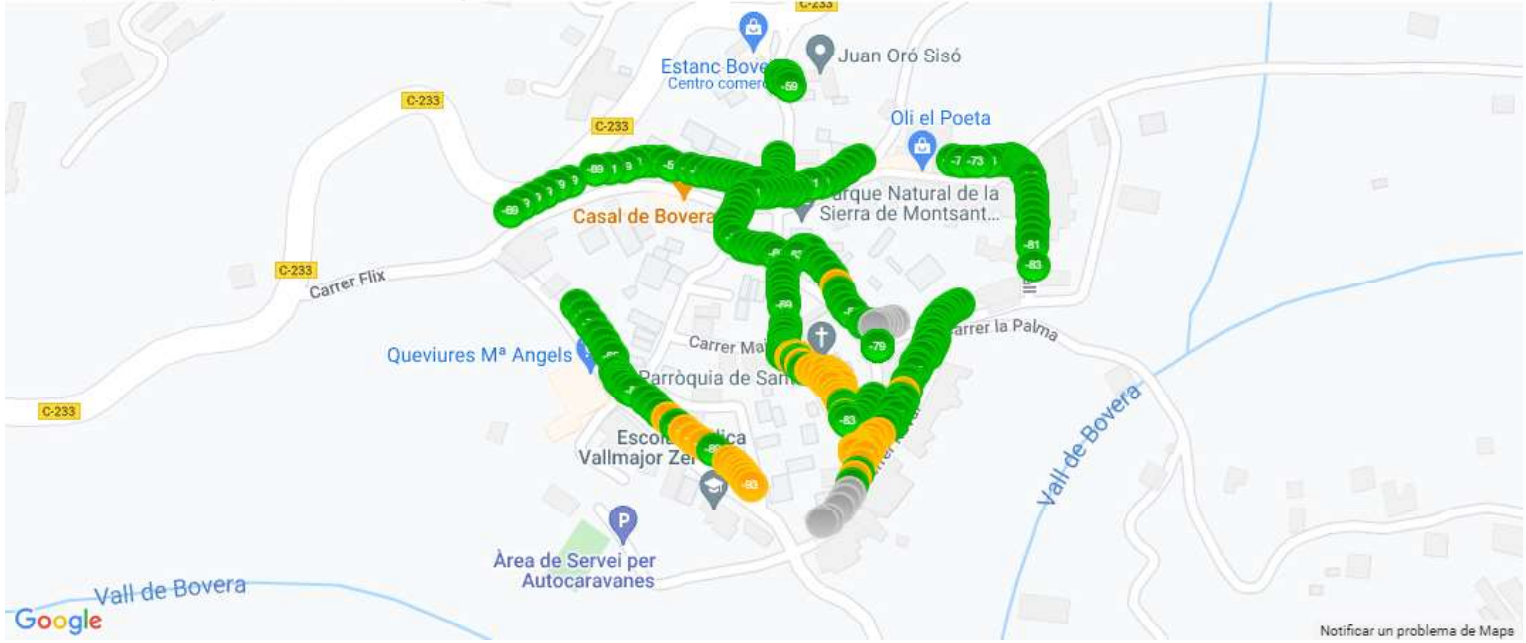


## RSSI view



RSSI KPI statistics per mobile operator for operator 21403\_Orange

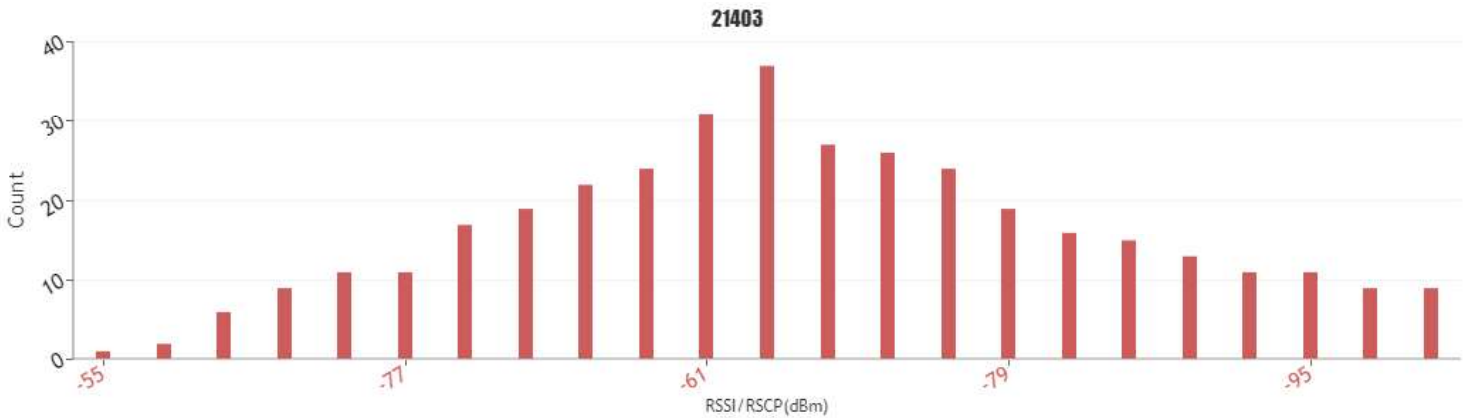
ORANGE SERVEI DE VEU, MAPA DE NIVELL DE SENYAL, BOVERA



RSSI KPI statistics per mobile operator for 21403\_Orange

Operators	21403
>= -89dBm	75.9459 % (count : 281)
B/w -99dBm to -90dBm	17.5676 % (count : 65)
B/w -112dBm to -100dBm	0 % (count : 0)
<= -113dBm	6.4865 % (count : 24)
Total Geo samples	370

RSSI distribution chart per mobile operator for 21403\_Orange



# RantCell User QoE test report



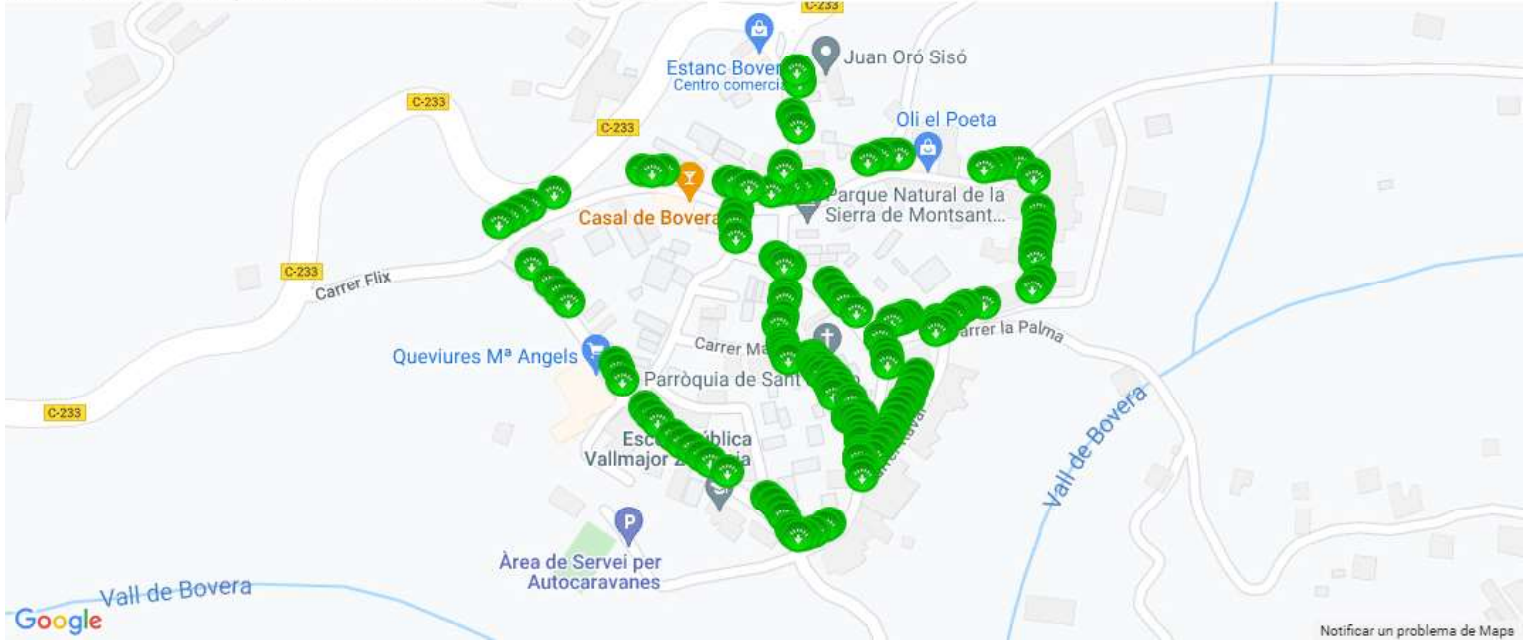
OperatorName	21403_Orange
Test phone Model/Models	Samsung SM-A226B
Report Generation Time	Mar 23, 2022 7:34:26 AM
Test StartTime	Mar 16, 2022 2:44:28 PM
Test EndTime	Mar 16, 2022 2:53:22 PM
Download Speed Test	Yes

## Download speed test report

Download speed test view for 21403\_Orange



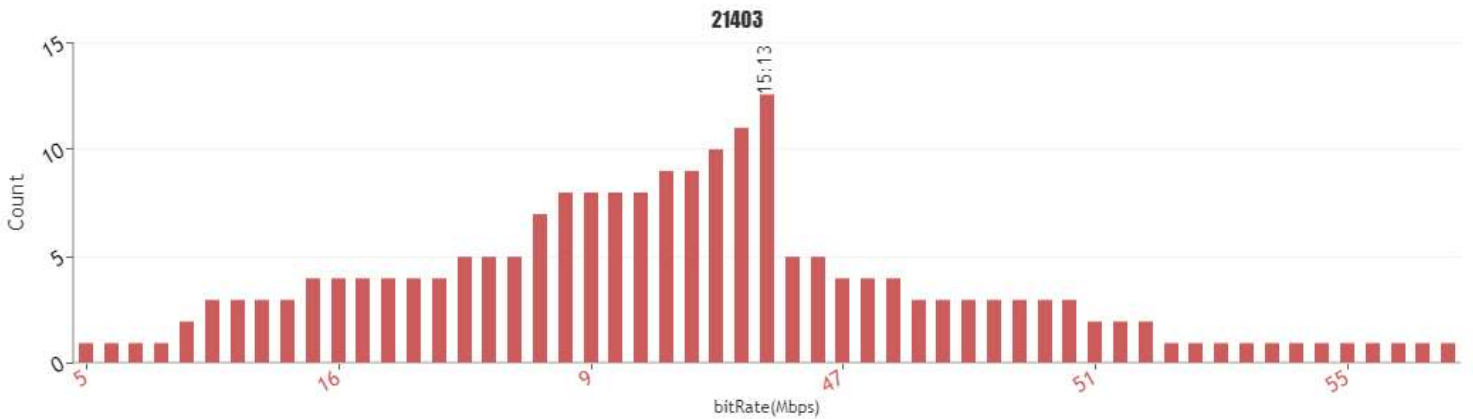
ORANGE SERVEI DE DADES, MAPA DE VELOCITATS DE DESCÀRREGA, BOVERA



Download test KPI statistics per mobile operator for 21403\_Orange

Operators	21403
above 1.2Mbps	100.0000 % (count : 209)
0.4Mbps - 1.2Mbps	0 % (count : 0)
0Mbps - 0.4Mbps	0 % (count : 0)
Average (mbps)	25.42
Peak Speed (mbps)	85.16
Lowest Recorded (mbps)	5.08
Total Geo samples	209

Download test distribution chart per mobile operators for 21403\_Orange



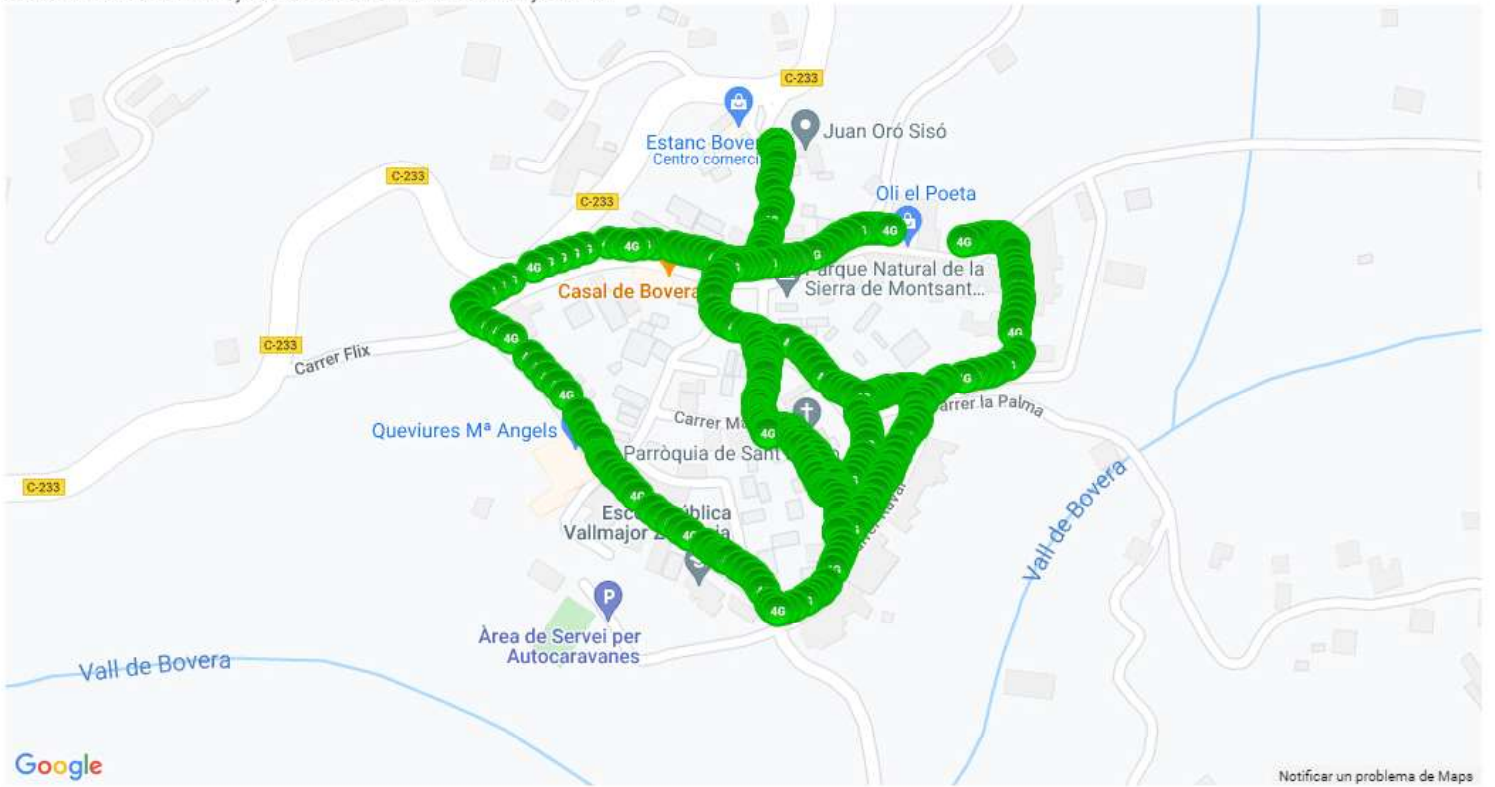
# User perceived mobile network coverage during tests



mobile network coverage during tests for operators 21403\_Orange



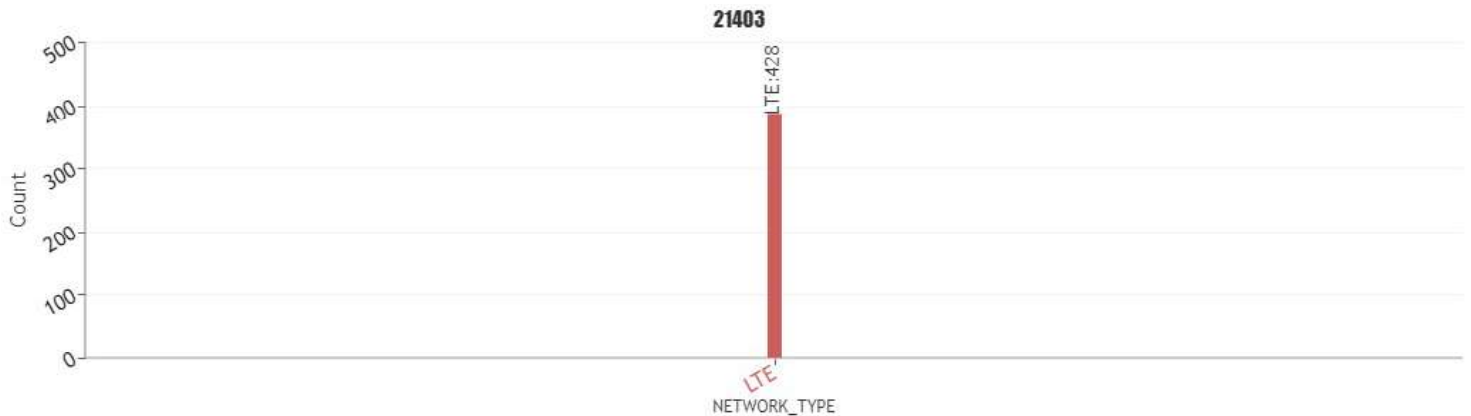
ORANGE SERVEI DE DADES, ACCÉS A XARXES DE L'OPERADOR, BOVERA



## RAN technology statistics per mobile network operator for 21403\_Orange

Network Type	21403
5G	0.0000%
4G	100.0000%
3G	0.0000%
2G	0.0000%
CDMA	0.0000%
NONETWORK	0.0000%
Total Geo samples	428

## RAN technology distribution chart per mobile network operator for 21403\_Orange



## RSRP view

RSRP KPI statistics per mobile operator for operator 21403\_Orange

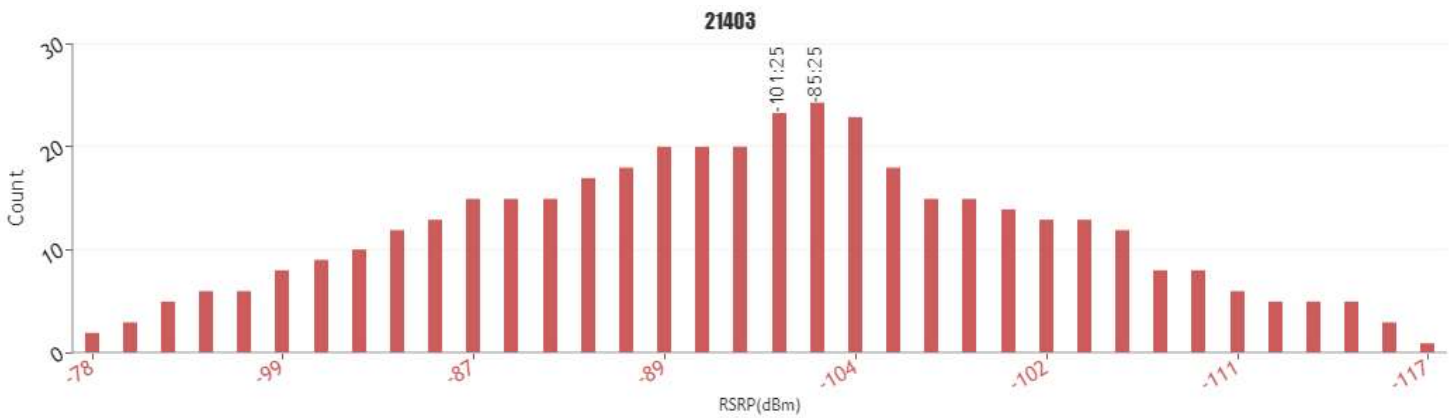
ORANGE SERVEI DE DADES, MAPA DE NIVELL DE SENYAL, BOVERA



RSRP KPI statistics per mobile operator for 21403\_Orange

Operators	21403
<b>&gt;= to -89dBm</b>	23.3645 % (count : 100)
<b>B/w -99dBm to -90dBm</b>	28.0374 % (count : 120)
<b>B/w -112dBm to -100dBm</b>	40.1869 % (count : 172)
<b>&lt;= -113dBm</b>	8.4112 % (count : 36)
Total Geo samples	428

RSRP distribution chart per mobile operator for 21403\_Orange



## CASTELLDANS: RESUM MESURES

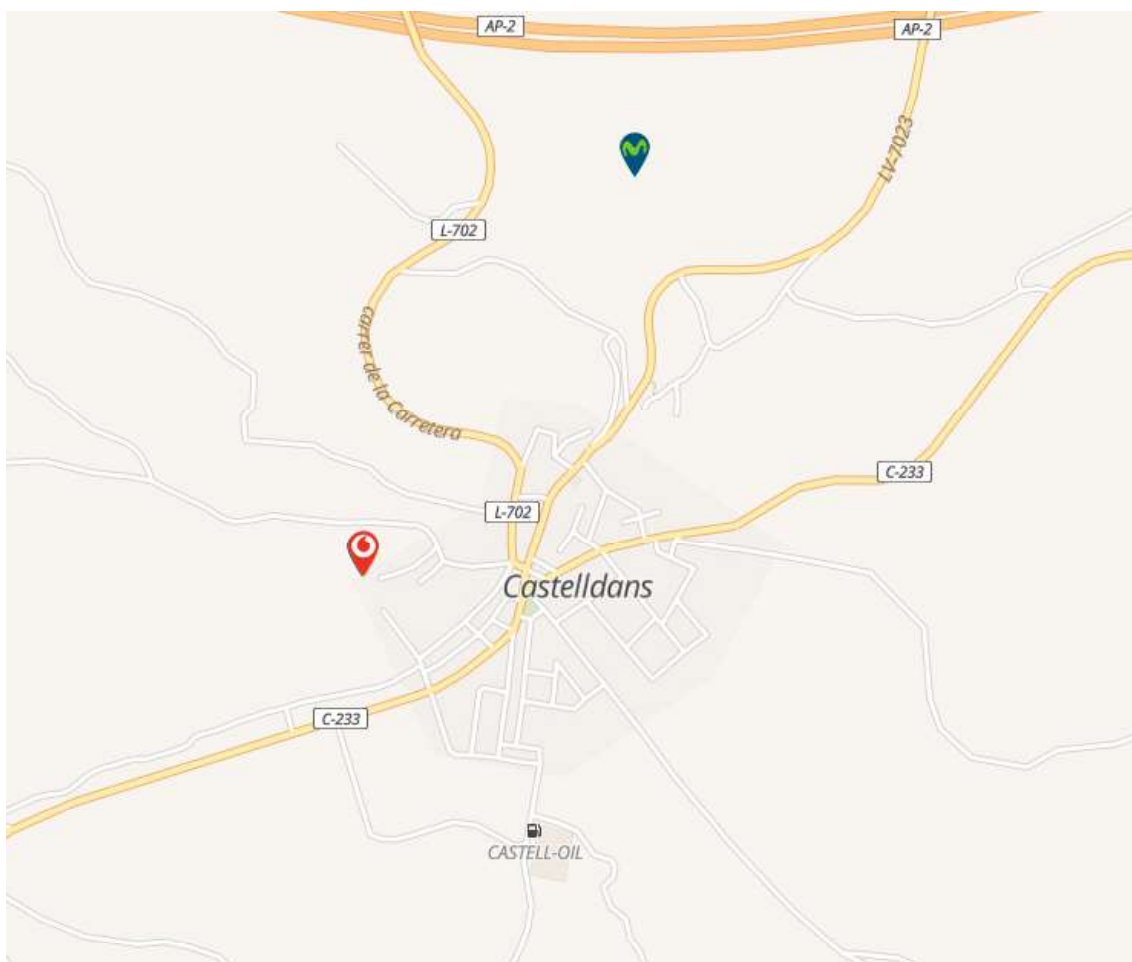
OPERADOR	SERVEI DE VEU	SERVEI DE DADES
MOVISTAR	CORRECTE (3G)	CORRECTE (4G)
VODAFONE	CORRECTE (3G)	CORRECTE (4G)
ORANGE	CORRECTE (3G)	CORRECTE (4G)

Comentaris:

No es troben deficiències significatives de servei de veu o dades de cap operador.

No es té cap informació relativa a si hi ha o no fibra òptica al municipi.

Servei de Movistar, Vodafone i Orange al Polígon. Hi ha una altre torre de Movistar al costat de la AP2.





☰ castellldans

**TELEFONICA MOVILES ESPAÑA, S.A.U.**

Estación: 2500215  
 Dirección: EX POLIGONO1. PARCELA 1. JUNTO GRANJA OVEJA,. CASTELLDANS, LLEIDA  
 Posición: 41.5047 lat / 0.767517 lng  
 Elevación: **Sólo PRO**

ID	BANDA	MODOS*
i	852.00 - 862.00	4G
i	935.10 - 949.90	2G
i	935.10 - 949.90	2G

☰ castellldans

**VODAFONE ESPAÑA, S.A.**

Estación: 52260  
 Dirección: ZN POLIGONO 14 PARCELA 255. CASTELLDANS, LLEIDA  
 Posición: 41.498553 lat / 0.761917 lng  
 Elevación: **Sólo PRO**

ID	BANDA	MODOS*
i	842.00 - 852.00	4G
i	949.90 - 959.90	2G 3G

**ORANGE ESPAGNE, S.A.U.**

Estación: CATR5660A  
 Dirección: ZN Polígono 14 Parcela 255. CASTELLDANS, LLEIDA  
 Posición: 41.498553 lat / 0.761914 lng  
 Elevación: **Sólo PRO**

ID	BANDA	MODOS*
i	832.00 - 842.00	4G
i	925.10 - 935.10	2G 3G
i	925.10 - 935.10	2G 3G

**VODAFONE ESPAÑA, S.A.**

Estación: 052260  
 Dirección: VP Polígono 14 Parcela 255. CASTELLDANS, LLEIDA  
 Posición: 41.498553 lat / 0.761917 lng  
 Elevación: **Sólo PRO**

ID	BANDA	MODOS*
i	949.90 - 959.90	2G 3G

**TELEFONICA MOVILES ESPAÑA, S.A.U.**

Estación: 2500228  
 Dirección: CL DEL AJUNTAMENT,. CASTELLDANS, LLEIDA  
 Posición: 41.498553 lat / 0.761917 lng  
 Elevación: **Sólo PRO**

ID	BANDA	MODOS*
i	1910.00 - 1915.00; 2155.00 - 2170.00	3G
i	2155.00 - 2170.00	4G
i	935.10 - 949.90	2G
i	935.10 - 949.90	2G

# RantCell User QoE test report



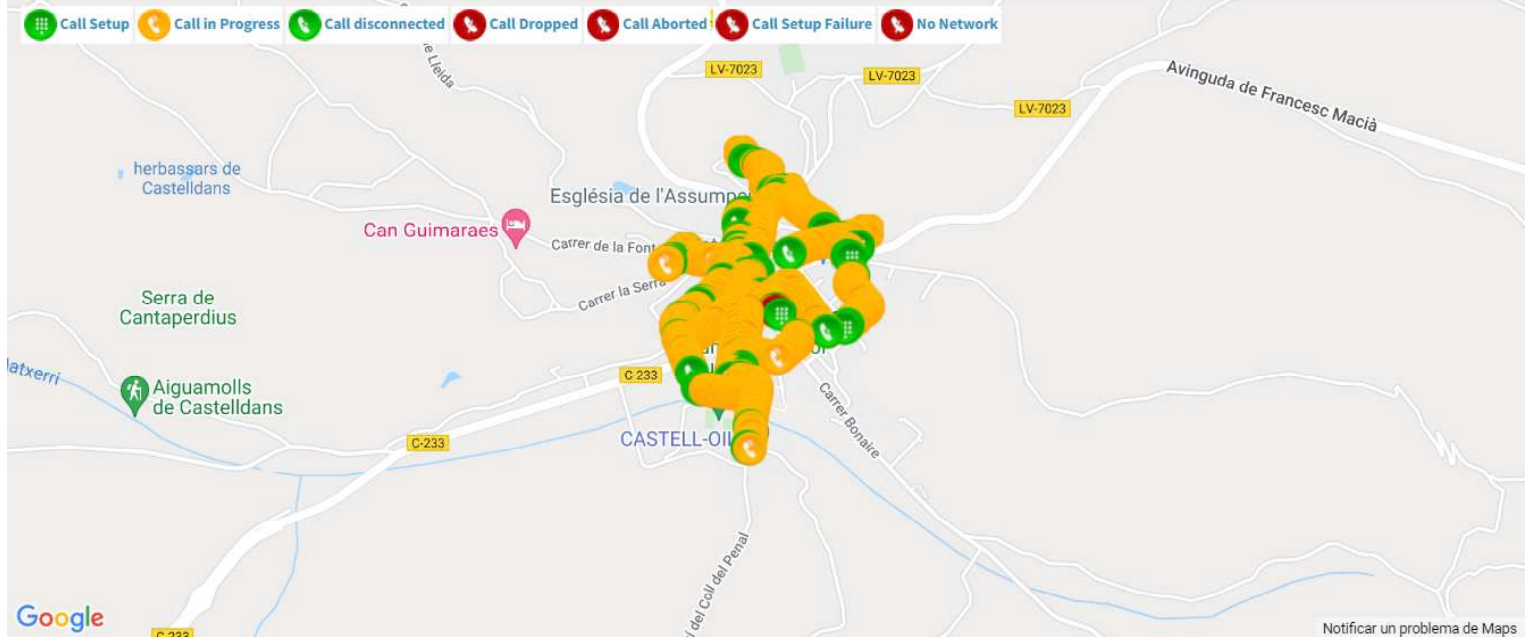
OperatorName	21407_Movistar
Test phone Model/Models	Samsung SM-A226B
Report Generation Time	Mar 17, 2022 11:43:57 AM
Test StartTime	Mar 16, 2022 9:36:24 AM
Test EndTime	Mar 16, 2022 9:55:10 AM
Voice Call Test	Yes

# Voice call test report



Call test view of mobile operators for 21407\_Movistar

## MOVISTAR SERVEI DE VEU, MAPA DE TRUCADES, CASTELLDANS



Call test KPI statistics per mobile operator for 21407\_Movistar

Operators	21407
Total Calls Success	22
Total Calls Attempted	24
Total Calls Failed	2
Dropped Calls	2
Aborted Calls	0
CallSetup Failed	0
No Network <a href="#">?</a>	0
Attempted Voice call on 2G <a href="#">?</a>	0
Attempted Voice call on 3G <a href="#">?</a>	17
Successful CSFB call to 3G <a href="#">?</a>	6

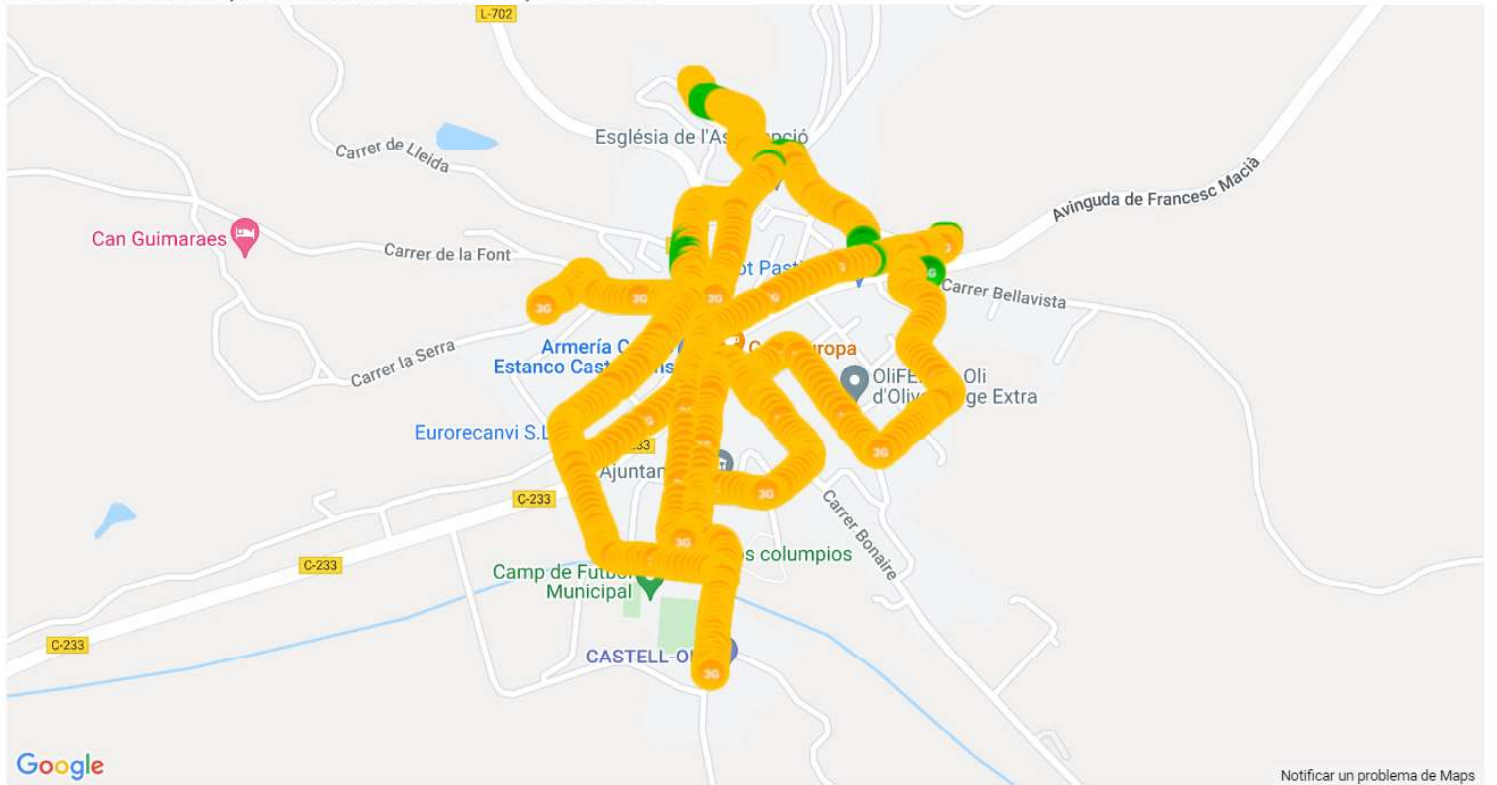
# User perceived mobile network coverage during tests



mobile network coverage during tests for operators 21407\_Movistar



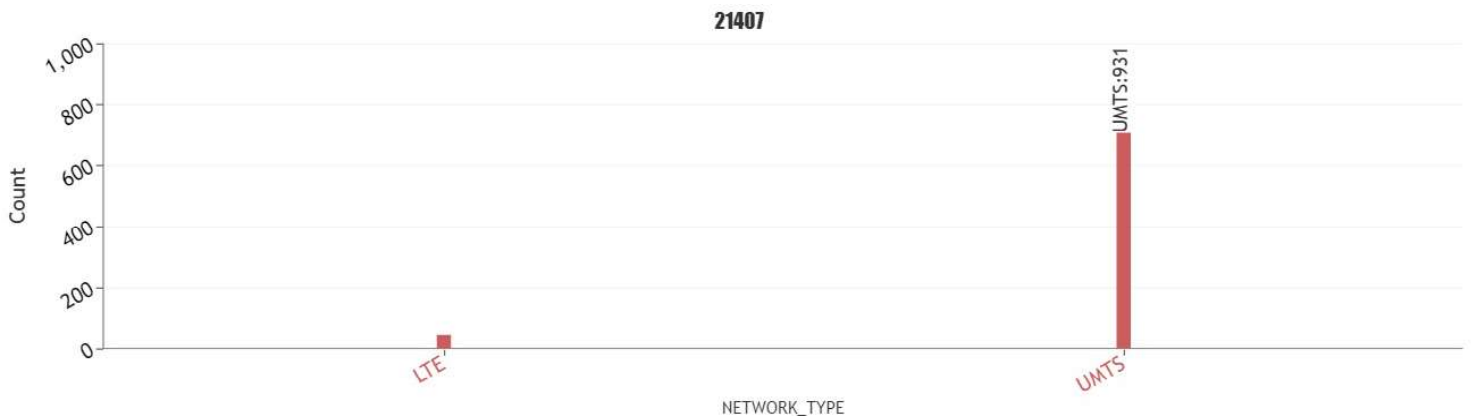
MOVISTAR SERVEI DE VEU, ACCÉS A XARXES DE L'OPERADOR, CASTELLDANS



RAN technology statistics per mobile network operator for 21407\_Movistar

Network Type	21407
5G	0.0000%
4G	4.7083%
3G	95.2917%
2G	0.0000%
CDMA	0.0000%
NONNETWORK	0.0000%
Total Geo samples	977

RAN technology distribution chart per mobile network operator for 21407\_Movistar



## RSSI view



RSSI KPI statistics per mobile operator for operator 21407\_Movistar

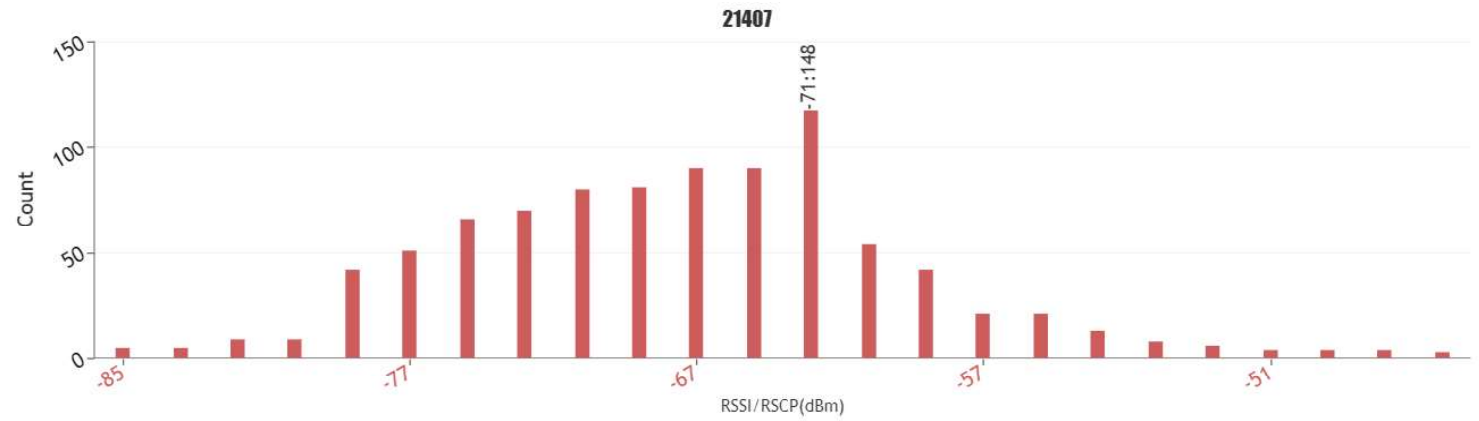
MOVISTAR SERVEI DE VEU, MAPA DE NIVELL DE SENYAL, CASTELLDANS



RSSI KPI statistics per mobile operator for 21407\_Movistar

Operators	21407
<b>&gt;= -89dBm</b>	93.7365 % (count : 868)
<b>B/w -99dBm to -90dBm</b>	1.7279 % (count : 16)
<b>B/w -112dBm to -100dBm</b>	0 % (count : 0)
<b>&lt; -113dBm</b>	4.5356 % (count : 42)
Total Geo samples	926

RSSI distribution chart per mobile operator for 21407\_Movistar



# RantCell User QoE test report



OperatorName	21407_Movistar
Test phone Model/Models	Samsung SM-A226B
Report Generation Time	Mar 17, 2022 1:03:32 PM
Test StartTime	Mar 16, 2022 9:37:24 AM
Test EndTime	Mar 16, 2022 9:54:59 AM
Download Speed Test	Yes



## Download speed test report

Download speed test view for 21407\_Movistar



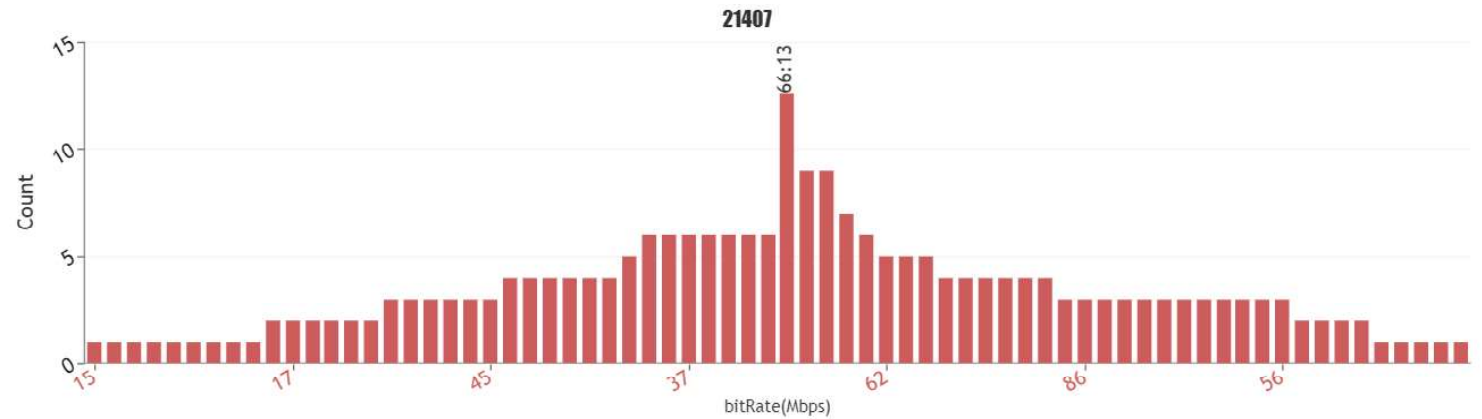
### MOVISTAR SERVEI DE DADES, MAPA DE VELOCITATS DE DESCÀRREGA, CASTELLDANS



### Download test KPI statistics per mobile operator for 21407\_Movistar

Operators	21407
above 1.2Mbps	99.1736 % (count : 240)
0.4Mbps - 1.2Mbps	0 % (count : 0)
0Mbps - 0.4Mbps	0.8264 % (count : 2)
Average (mbps)	54.89
Peak Speed (mbps)	89.93
Lowest Recorded (mbps)	0
Total Geo samples	242

### Download test distribution chart per mobile operators for 21407\_Movistar



# User perceived mobile network coverage during tests



mobile network coverage during tests for operators 21407\_Movistar



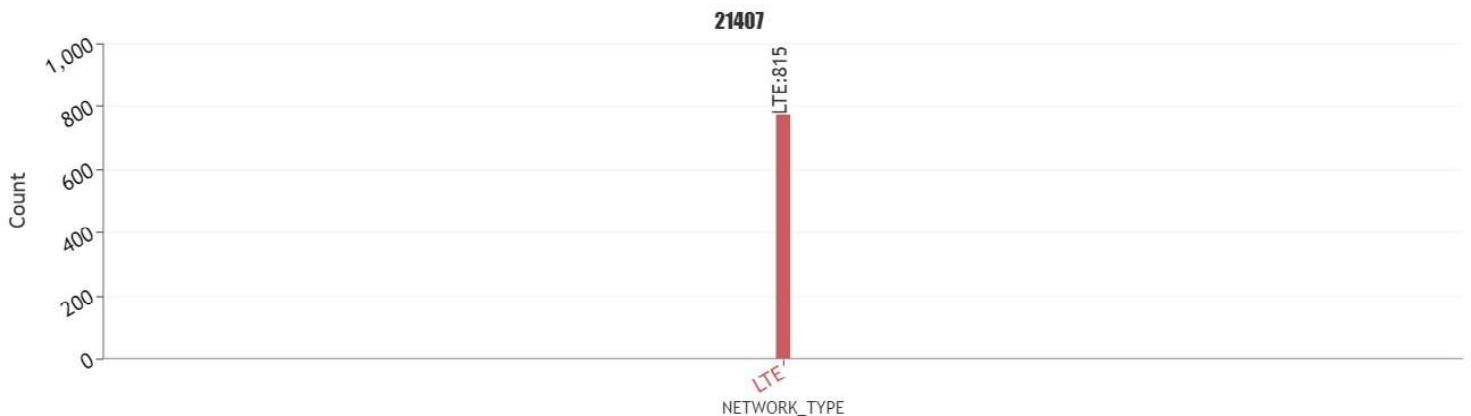
MOVISTAR SERVEI DE DADES, ACCÉS A XARXES DE L'OPERADOR, CASTELLDANS



RAN technology statistics per mobile network operator for 21407\_Movistar

Network Type	21407
5G	0.0000%
4G	100.0000%
3G	0.0000%
2G	0.0000%
CDMA	0.0000%
NONETWORK	0.0000%
Total Geo samples	815

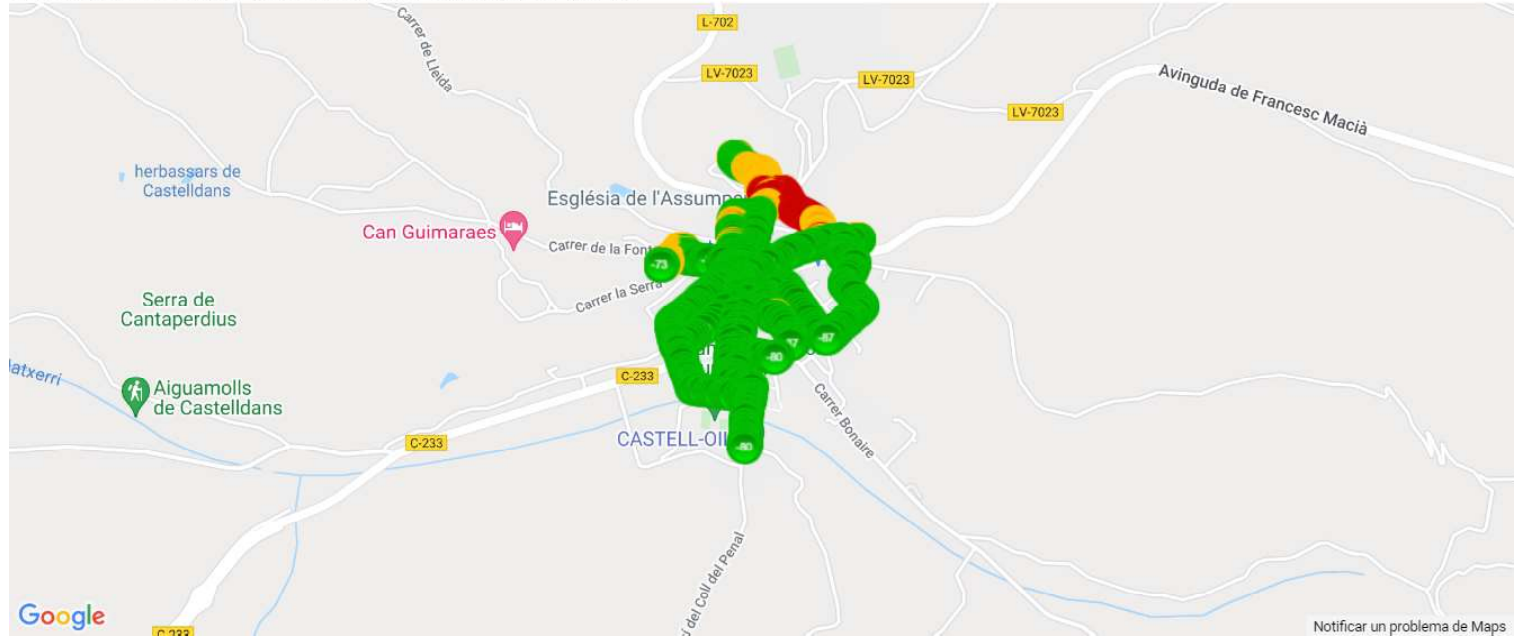
RAN technology distribution chart per mobile network operator for 21407\_Movistar



## RSRP view

RSRP KPI statistics per mobile operator for operator 21407\_Movistar

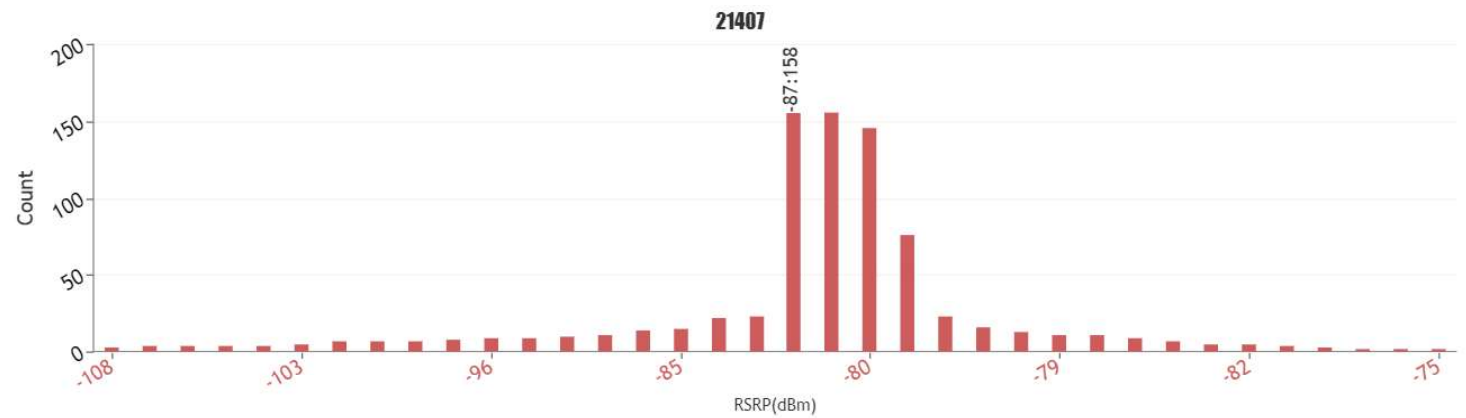
MOVISTAR SERVEI DE DADES, MAPA DE NIVELL DE SENYAL, CASTELLDANS



RSRP KPI statistics per mobile operator for 21407\_Movistar

Operators	21407
>= to -89dBm	78.8957 % (count : 643)
B/w -99dBm to -90dBm	13.9877 % (count : 114)
B/w -112dBm to -100dBm	7.1166 % (count : 58)
<= -113dBm	0 % (count : 0)
Total Geo samples	815

RSRP distribution chart per mobile operator for 21407\_Movistar



# RantCell User QoE test report



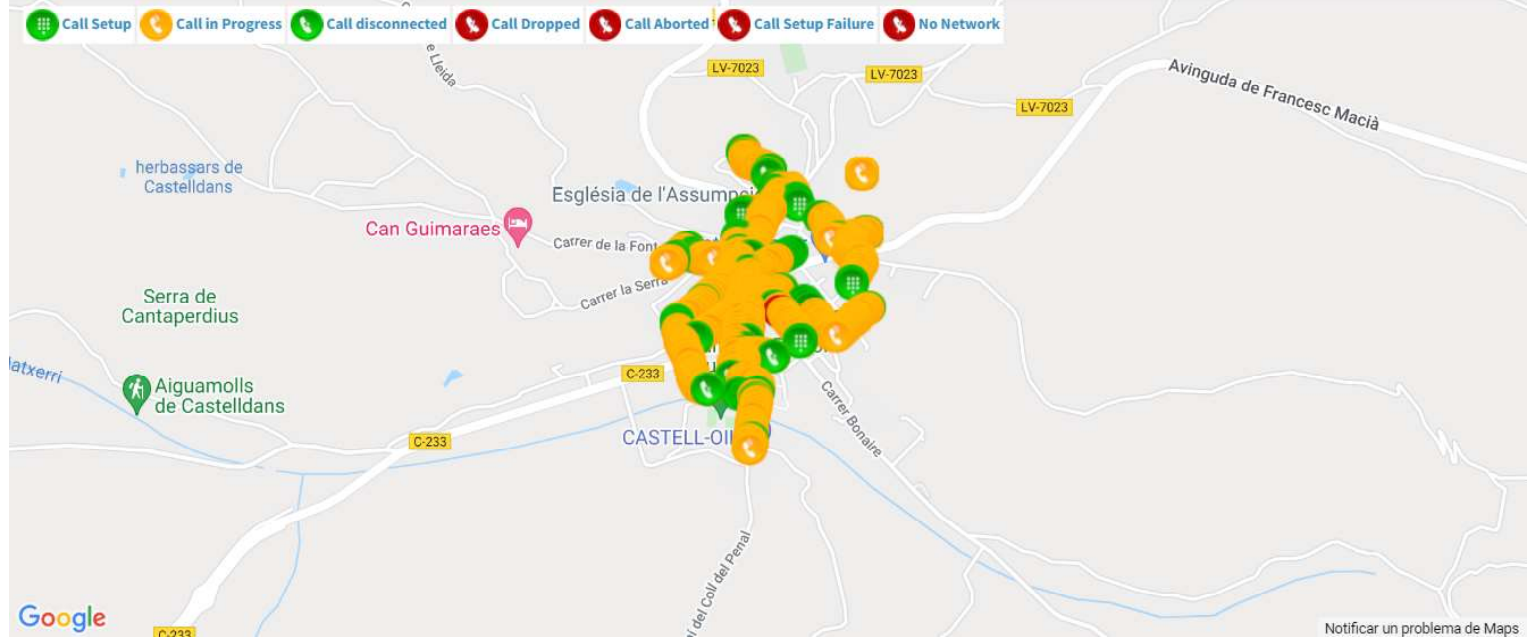
OperatorName	21401_vodafone ES
Test phone Model/Models	Samsung SM-A226B
Report Generation Time	Mar 17, 2022 1:06:52 PM
Test StartTime	Mar 16, 2022 9:35:45 AM
Test EndTime	Mar 16, 2022 9:54:44 AM
Voice Call Test	Yes

## Voice call test report



Call test view of mobile operators for 21401\_vodafone ES

### VODAFONE SERVEI DE VEU, MAPA DE TRUCADES, CASTELLDANS



Call test KPI statistics per mobile operator for 21401\_vodafone ES

Operators	21401
Total Calls Success	21
Total Calls Attempted	22
Total Calls Failed	1
Dropped Calls	0
Aborted Calls	0
CallSetup Failed	1
No Network	0
Attempted Voice call on 2G	0
Attempted Voice call on 3G	6
Successful CSFB call to 3G	16

# User perceived mobile network coverage during tests



mobile network coverage during tests for operators 21401\_vodafone ES



VODAFONE SERVEI DE VEU, ACCÉS A XARXES DE L'OPERADOR, CASTELLDANS



RAN technology statistics per mobile network operator for 21401\_vodafone ES

Network Type	21401
5G	0.0000%
4G	22.4949%
3G	77.5051%
2G	0.0000%
CDMA	0.0000%
NONNETWORK	0.0000%
Total Geo samples	978

RAN technology distribution chart per mobile network operator for 21401\_vodafone ES



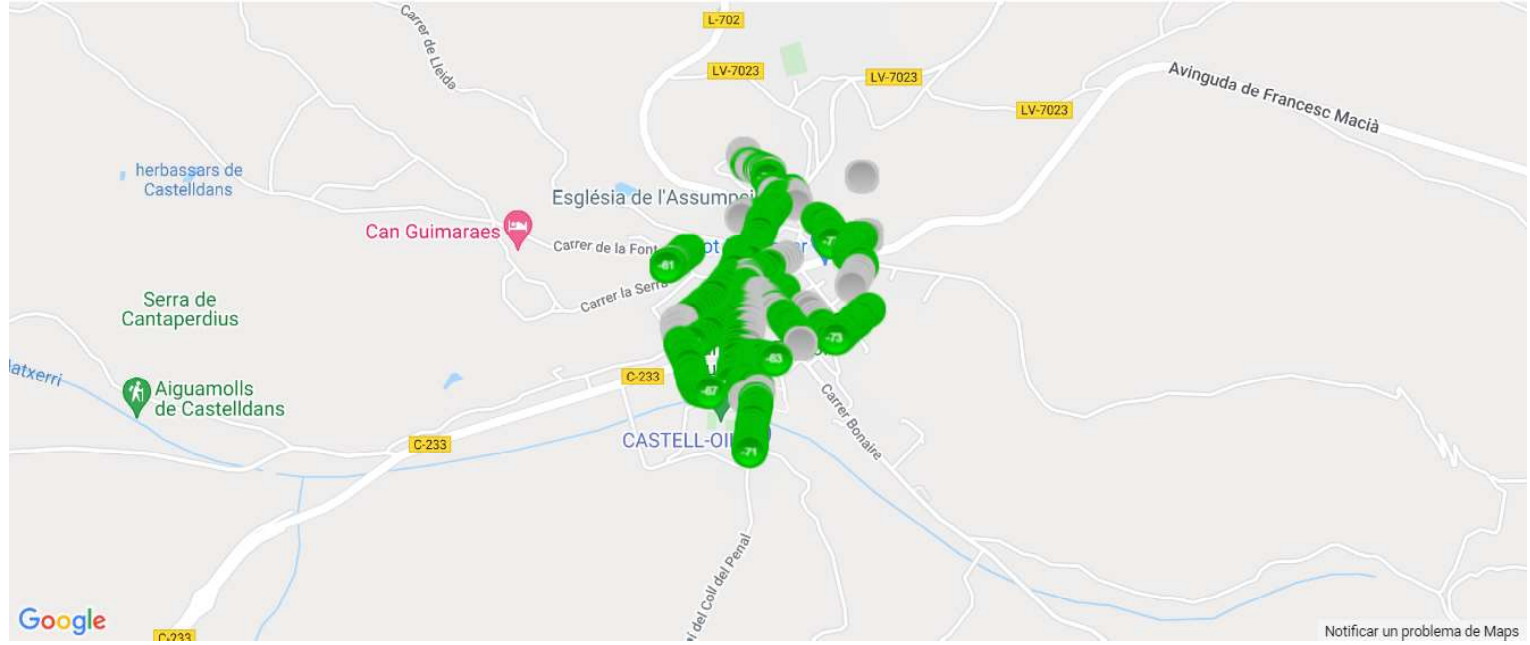


## RSSI view



RSSI KPI statistics per mobile operator for operator 21401\_vodafone ES

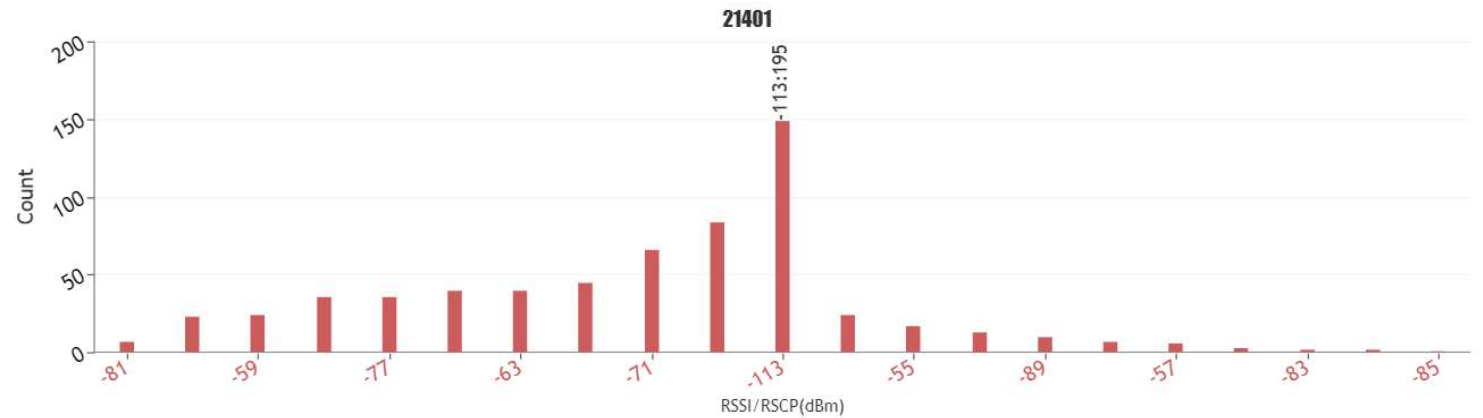
VODAFONE SERVEI DE VEU, MAPA DE NIVELL DE SENYAL, CASTELLDANS



RSSI KPI statistics per mobile operator for 21401\_vodafone ES

Operators	21401
<b>&gt;= -89dBm</b>	71.3656 % (count : 486)
B/w -99dBm to -90dBm	0 % (count : 0)
B/w -112dBm to -100dBm	0 % (count : 0)
<b>&lt;= -113dBm</b>	28.6344 % (count : 195)
Total Geo samples	681

RSSI distribution chart per mobile operator for 21401\_vodafone ES



# RantCell User QoE test report



OperatorName	21401_vodafone ES
Test phone Model/Models	Samsung SM-A226B
Report Generation Time	Mar 21, 2022 8:40:01 AM
Test StartTime	Mar 18, 2022 9:24:43 AM
Test EndTime	Mar 18, 2022 9:42:08 AM
Download Speed Test	Yes

# Download speed test report

Download speed test view for 21401\_vodafone ES



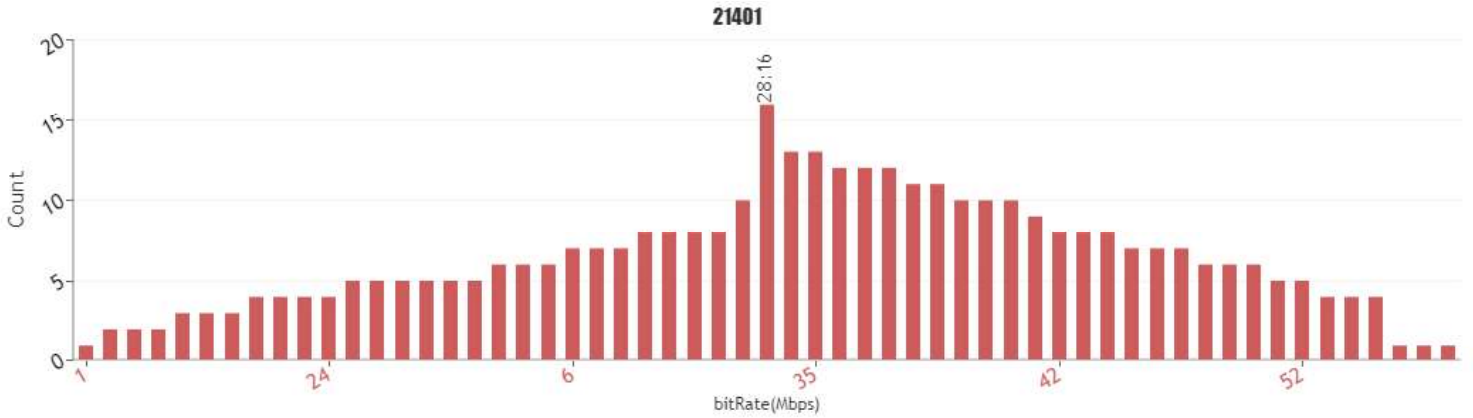
VODAFONE SERVEI DE DADES, MAPA DE VELOCITATS DE DESCÀRREGA, CASTELLDANS



Download test KPI statistics per mobile operator for 21401\_vodafone ES

Operators	21401
above 1.2Mbps	99.7297 % (count : 369)
0.4Mbps - 1.2Mbps	0.2703 % (count : 1)
0Mbps - 0.4Mbps	0 % (count : 0)
Average (mbps)	30.89
Peak Speed (mbps)	61.92
Lowest Recorded (mbps)	0.71
Total Geo samples	370

Download test distribution chart per mobile operators for 21401\_vodafone ES



# User perceived mobile network coverage during tests



mobile network coverage during tests for operators 21401\_vodafone ES



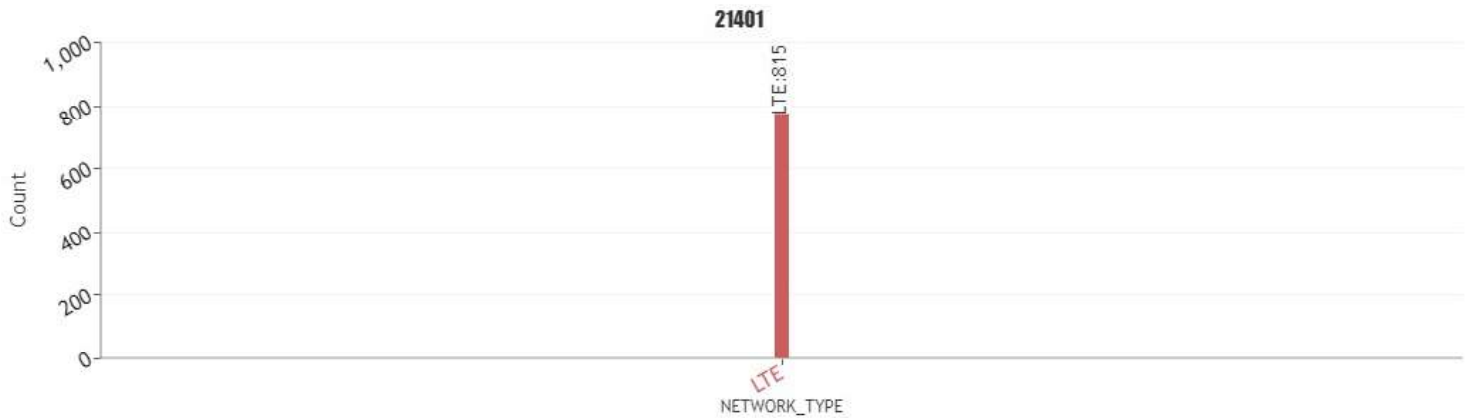
VODAFONE SERVEI DE DADES, ACCÉS A XARXES DE L'OPERADOR, CASTELLDANS



## RAN technology statistics per mobile network operator for 21401\_vodafone ES

Network Type	21401
5G	0.0000%
4G	100.0000%
3G	0.0000%
2G	0.0000%
CDMA	0.0000%
NONNETWORK	0.0000%
Total Geo samples	815

## RAN technology distribution chart per mobile network operator for 21401\_vodafone ES





# RantCell User QoE test report



OperatorName	21403_Orange
Test phone Model/Models	Samsung SM-A226B
Report Generation Time	Mar 17, 2022 11:52:33 AM
Test StartTime	Mar 16, 2022 9:36:06 AM
Test EndTime	Mar 16, 2022 9:54:55 AM
Voice Call Test	Yes

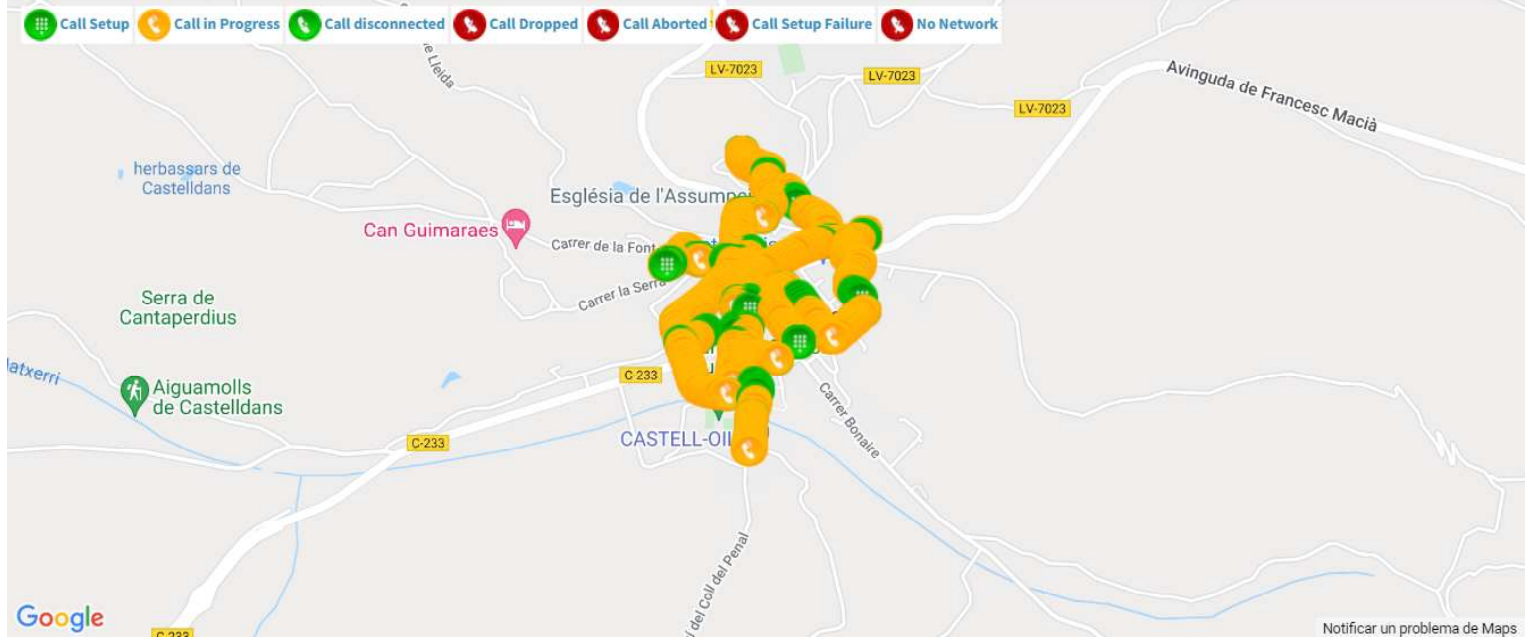


## Voice call test report



Call test view of mobile operators for 21403\_Orange

### ORANGE SERVEI DE VEU, MAPA DE TRUCADES, CASTELLDANS



Call test KPI statistics per mobile operator for 21403\_Orange

Operators	21403
Total Calls Success	23
Total Calls Attempted	24
Total Calls Failed	1
Dropped Calls	0
Aborted Calls	0
CallSetup Failed	1
No Network <a href="#">?</a>	0
Attempted Voice call on 2G <a href="#">?</a>	0
Attempted Voice call on 3G <a href="#">?</a>	7
Successful CSFB call to 3G <a href="#">?</a>	16
Not Determined(Voice CallType) <a href="#">?</a>	1

# User perceived mobile network coverage during tests



mobile network coverage during tests for operators 21403\_Orange



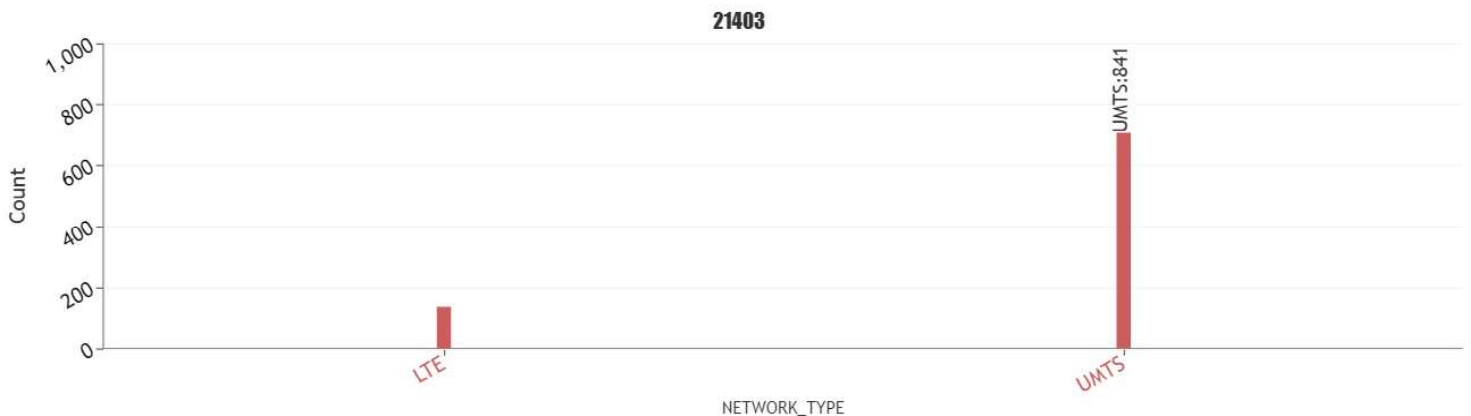
ORANGE SERVEI DE VEU, ACCÉS A XARXES DE L'OPERADOR, CASTELLDANS



## RAN technology statistics per mobile network operator for 21403\_Orange

Network Type	21403
5G	0.0000%
4G	14.0082%
3G	85.9918%
2G	0.0000%
CDMA	0.0000%
NONNETWORK	0.0000%
Total Geo samples	978

## RAN technology distribution chart per mobile network operator for 21403\_Orange

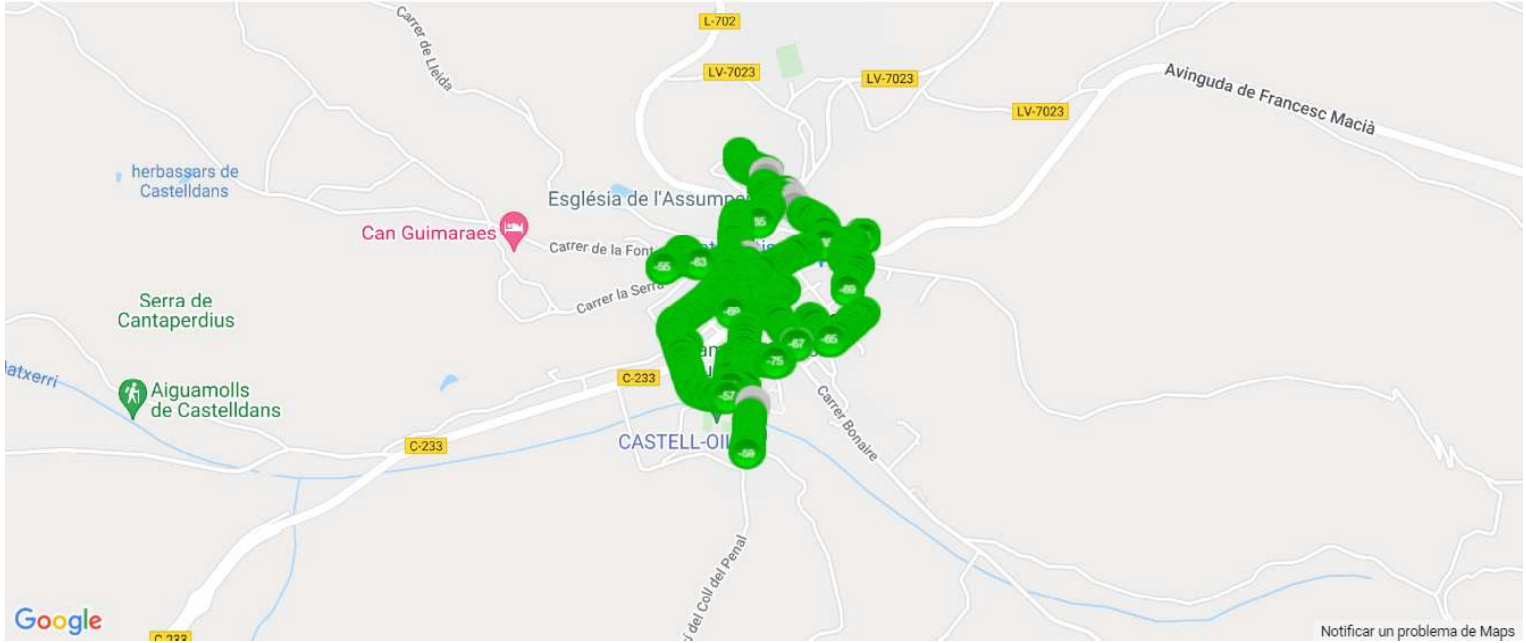


## RSSI view



RSSI KPI statistics per mobile operator for operator 21403\_Orange

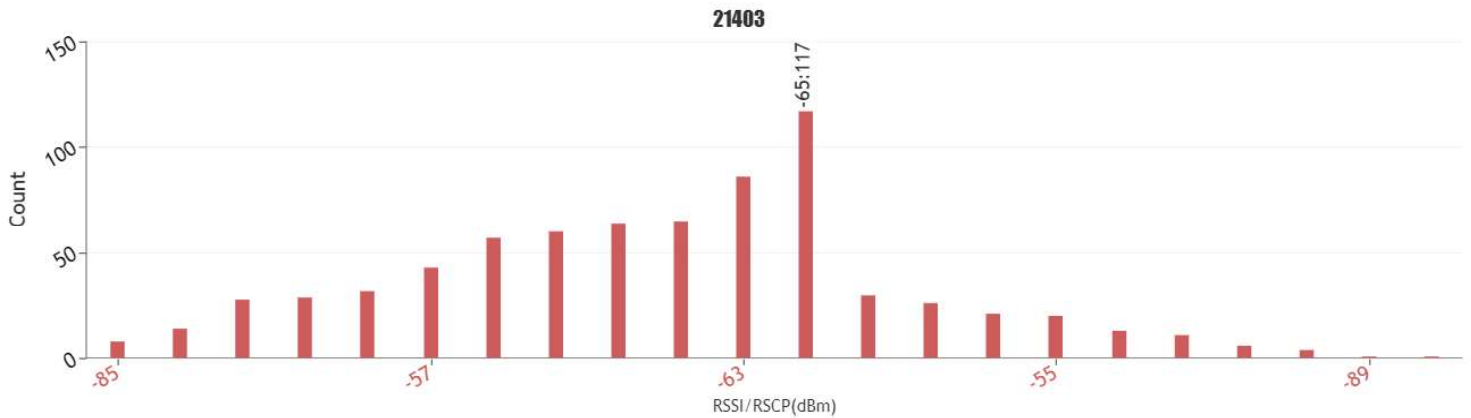
ORANGE SERVEI DE VEU, MAPA DE NIVELL DE SENYAL, CASTELLDANS



RSSI KPI statistics per mobile operator for 21403\_Orange

Operators	21403
<b>&gt;= -89dBm</b>	95.9239 % (count : 706)
<b>B/w -99dBm to -90dBm</b>	0.1359 % (count : 1)
<b>B/w -112dBm to -100dBm</b>	0 % (count : 0)
<b>&lt; -113dBm</b>	3.9402 % (count : 29)
Total Geo samples	736

RSSI distribution chart per mobile operator for 21403\_Orange



# RantCell User QoE test report



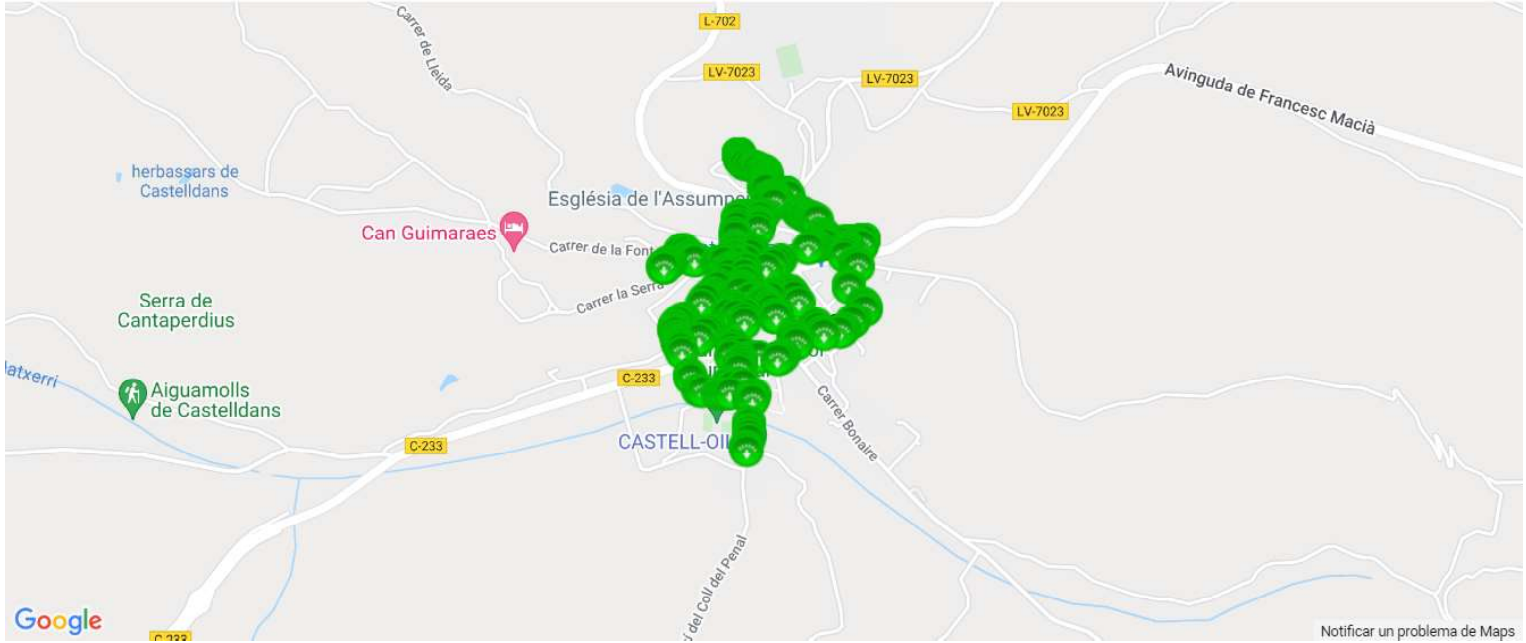
OperatorName	21403_Orange
Test phone Model/Models	Samsung SM-A226B
Report Generation Time	Mar 17, 2022 12:02:45 PM
Test StartTime	Mar 16, 2022 9:37:05 AM
Test EndTime	Mar 16, 2022 9:55:03 AM
Download Speed Test	Yes

# Download speed test report

Download speed test view for 21403\_Orange



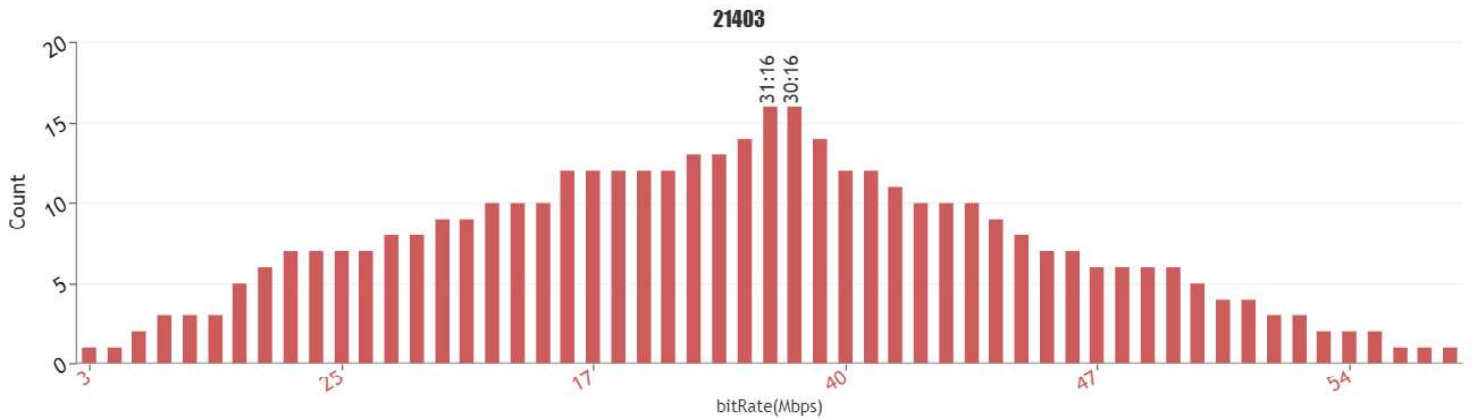
ORANGE SERVEI DE DADES, MAPA DE VELOCITATS DE DESCÀRREGA, CASTELLDANS



Download test KPI statistics per mobile operator for 21403\_Orange

Operators	21403
above 1.2Mbps	100.0000 % (count : 410)
0.4Mbps - 1.2Mbps	0 % (count : 0)
0Mbps - 0.4Mbps	0 % (count : 0)
Average (mbps)	27.83
Peak Speed (mbps)	60.77
Lowest Recorded (mbps)	3.08
Total Geo samples	410

Download test distribution chart per mobile operators for 21403\_Orange



# User perceived mobile network coverage during tests



mobile network coverage during tests for operators 21403\_Orange



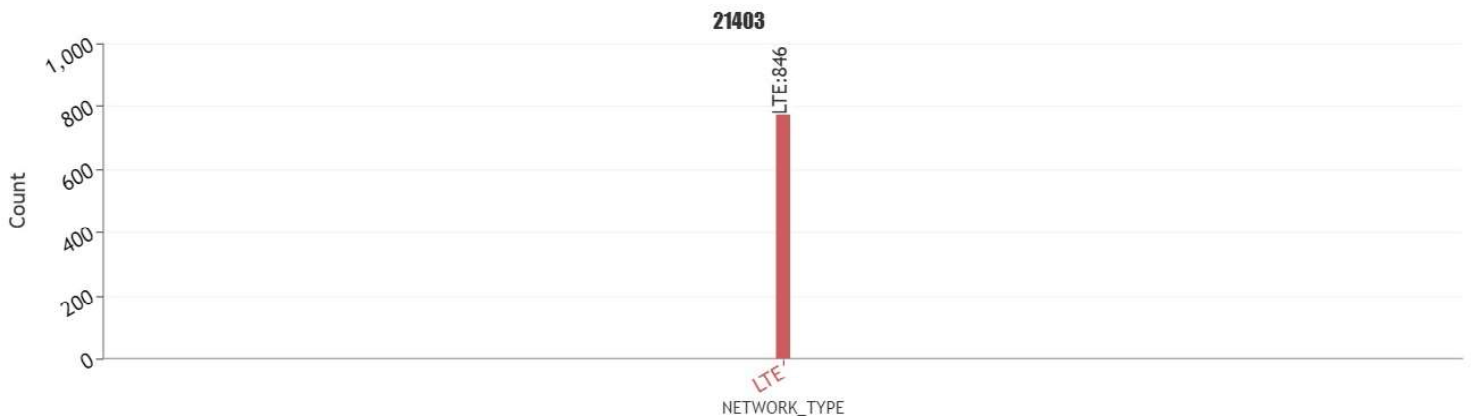
ORANGE SERVEI DE DADES, ACCÉS A XARXES DE L'OPERADOR, CASTELLDANS



## RAN technology statistics per mobile network operator for 21403\_Orange

Network Type	21403
5G	0.0000%
4G	100.0000%
3G	0.0000%
2G	0.0000%
CDMA	0.0000%
NONETWORK	0.0000%
Total Geo samples	846

## RAN technology distribution chart per mobile network operator for 21403\_Orange

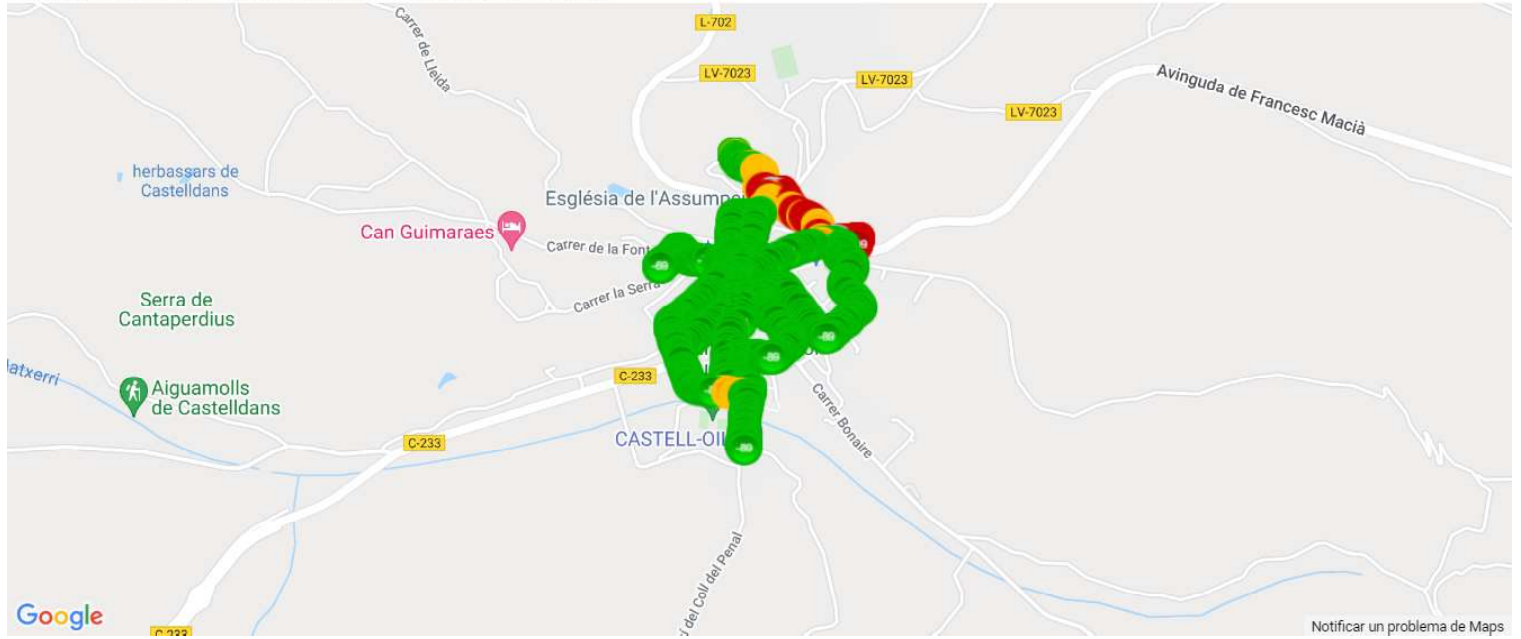




## RSRP view

RSRP KPI statistics per mobile operator for operator 21403\_Orange

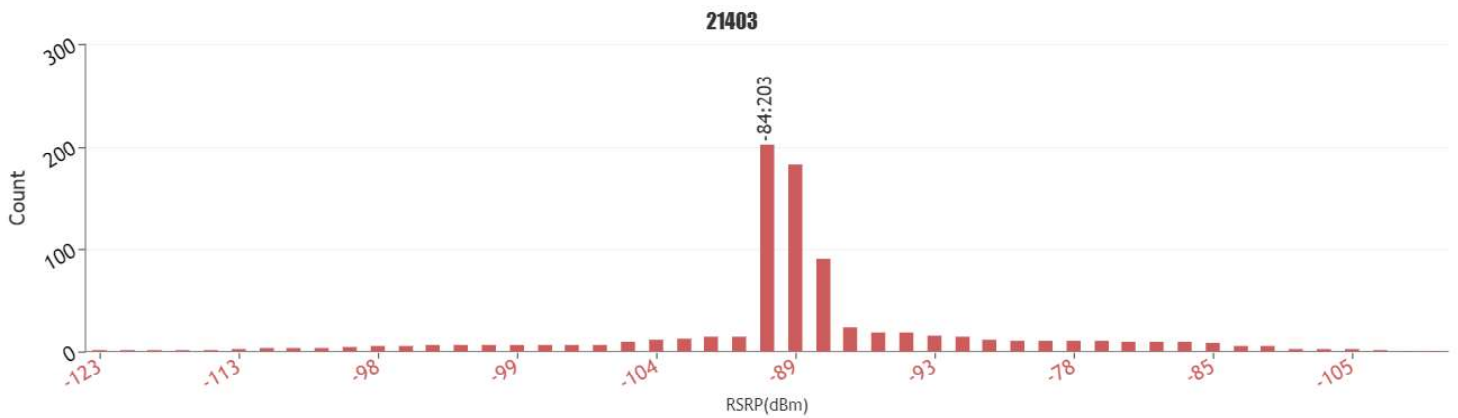
### ORANGE SERVEI DE DADES, MAPA DE NIVELL DE SENYAL, CASTELLDANS



RSRP KPI statistics per mobile operator for 21403\_Orange

Operators	21403
<b>&gt;= to -89dBm</b>	79.7872 % (count : 675)
<b>B/w -99dBm to -90dBm</b>	8.7470 % (count : 74)
<b>B/w -112dBm to -100dBm</b>	10.1655 % (count : 86)
<b>&lt;= -113dBm</b>	1.3002 % (count : 11)
Total Geo samples	846

RSRP distribution chart per mobile operator for 21403\_Orange



## CERVIÀ DE LES GARRIGUES: RESUM MESURES

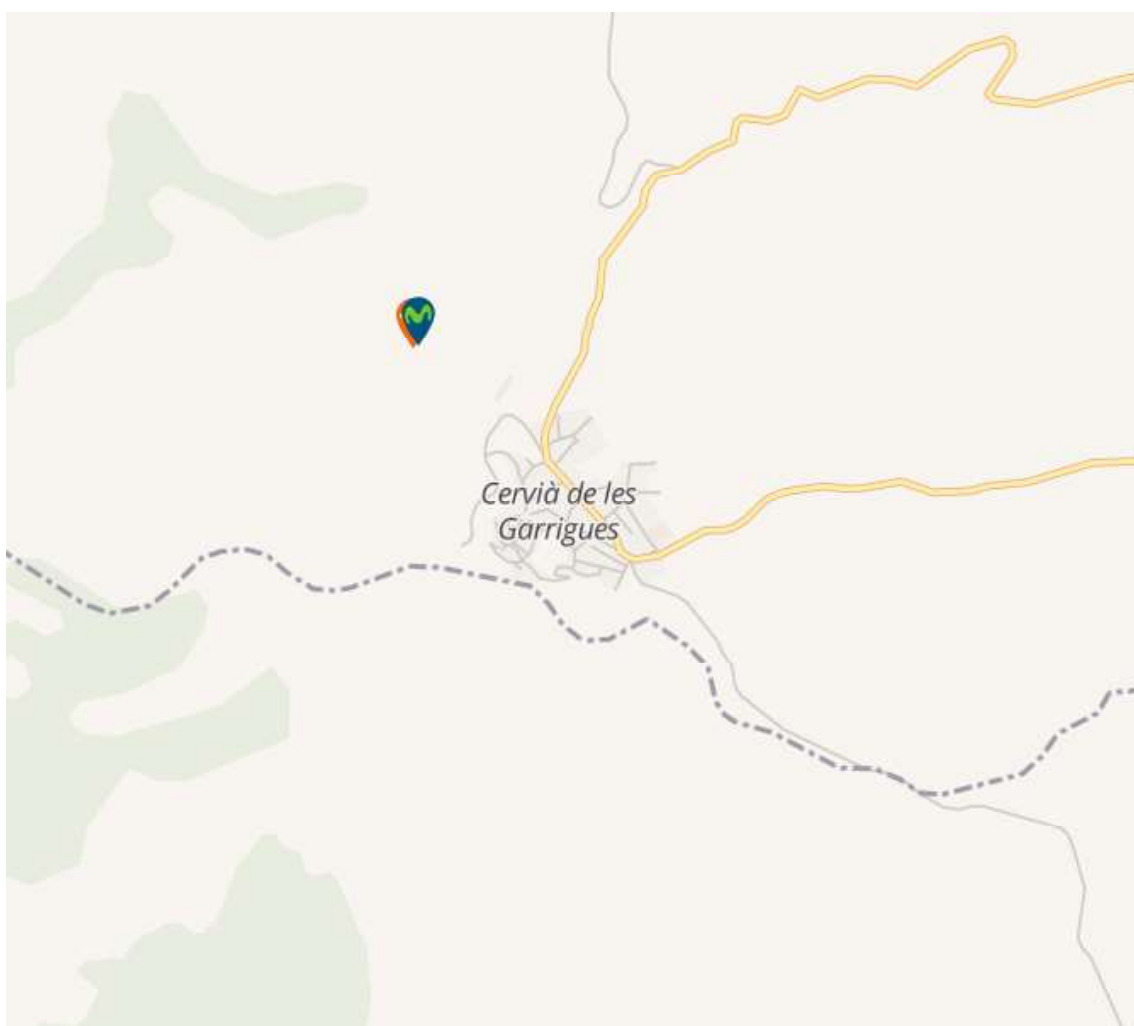
OPERADOR	SERVEI DE VEU	SERVEI DE DADES
MOVISTAR	CORRECTE (3G)	CORRECTE (4G)
VODAFONE	CORRECTE (3G)	CORRECTE (4G)
ORANGE	CORRECTE (3G)	CORRECTE (4G)

Comentaris:

No es troben deficiències significatives de servei de veu o dades de cap operador.

Es disposa de fibra de Adamo.

Servei de Movistar, Vodafone i Orange al Polígon 6 parcela 128.





Cervià de les Garrigues



#### VODAFONE ESPAÑA, S.A.

Estación: 085852

Dirección: CR LV 7031, KM 13.3. CERVIÀ DE LES GARRIGUES, LLEIDA

Posición: 41.431119 lat / 0.854067 lng

Elevación: **Sólo PRO**

ID	BANDA	MODOS*
1	949.90 - 959.90	2G 3G

#### VODAFONE ESPAÑA, S.A.

Estación: 85852

Dirección: MT POLÍGONO 6 PARCELA 128. CERVIÀ DE LES GARRIGUES, LLEIDA

Posición: 41.431119 lat / 0.854067 lng

Elevación: **Sólo PRO**

ID	BANDA	MODOS*
1	842.00 - 852.00	4G
1	949.90 - 959.90	2G 3G

#### ORANGE ESPAGNE, S.A.U.

Estación: CATR5667A

Dirección: MT POLÍGONO 6 PARCELA 128. CERVIÀ DE LES GARRIGUES, LLEIDA

Posición: 41.431119 lat / 0.854067 lng

Elevación: **Sólo PRO**

ID	BANDA	MODOS*
1	832.00 - 842.00	4G
1	925.10 - 935.10	2G 3G
1	925.10 - 935.10	2G 3G

#### TELEFONICA MOVILES ESPAÑA, S.A.U.

Estación: 2500355

Dirección: ZN Polígono 6 Parcela 128. CERVIÀ DE LES GARRIGUES, LLEIDA

Posición: 41.431169 lat / 0.854328 lng

Elevación: **Sólo PRO**

ID	BANDA	MODOS*
1	852.00 - 862.00	4G
1	935.10 - 949.90	2G
1	935.10 - 949.90	2G

# RantCell User QoE test report



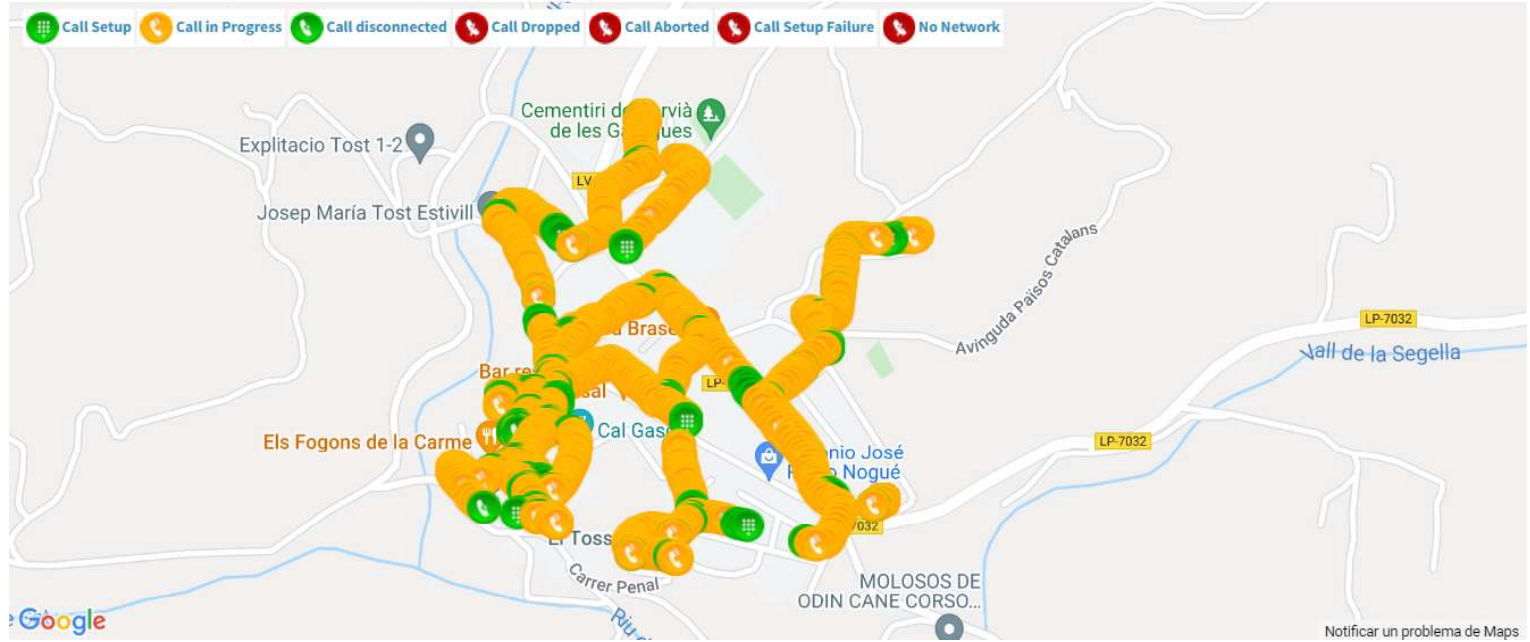
OperatorName	21407_Movistar
Test phone Model/Models	Samsung SM-A226B
Report Generation Time	Mar 29, 2022 7:20:28 AM
Test StartTime	Mar 28, 2022 1:26:43 PM
Test EndTime	Mar 28, 2022 1:59:35 PM
Voice Call Test	Yes

## Voice call test report

Call test view of mobile operators for 21407\_Movistar



### MOVISTAR SERVEI DE VEU, MAPA DE TRUCADES, CERVIÀ DE LES GARRIGUES



### Call test KPI statistics per mobile operator for 21407\_Movistar

Operators	21407
Total Calls Success	41
Total Calls Attempted	42
Total Calls Failed	1
Dropped Calls	0
Aborted Calls	0
CallSetup Failed	1
No Network <a href="#">?</a>	0
Attempted Voice call on 2G <a href="#">?</a>	0
Attempted Voice call on 3G <a href="#">?</a>	20
Successful CSFB call to 3G <a href="#">?</a>	21
Not Determined(Voice CallType) <a href="#">?</a>	1

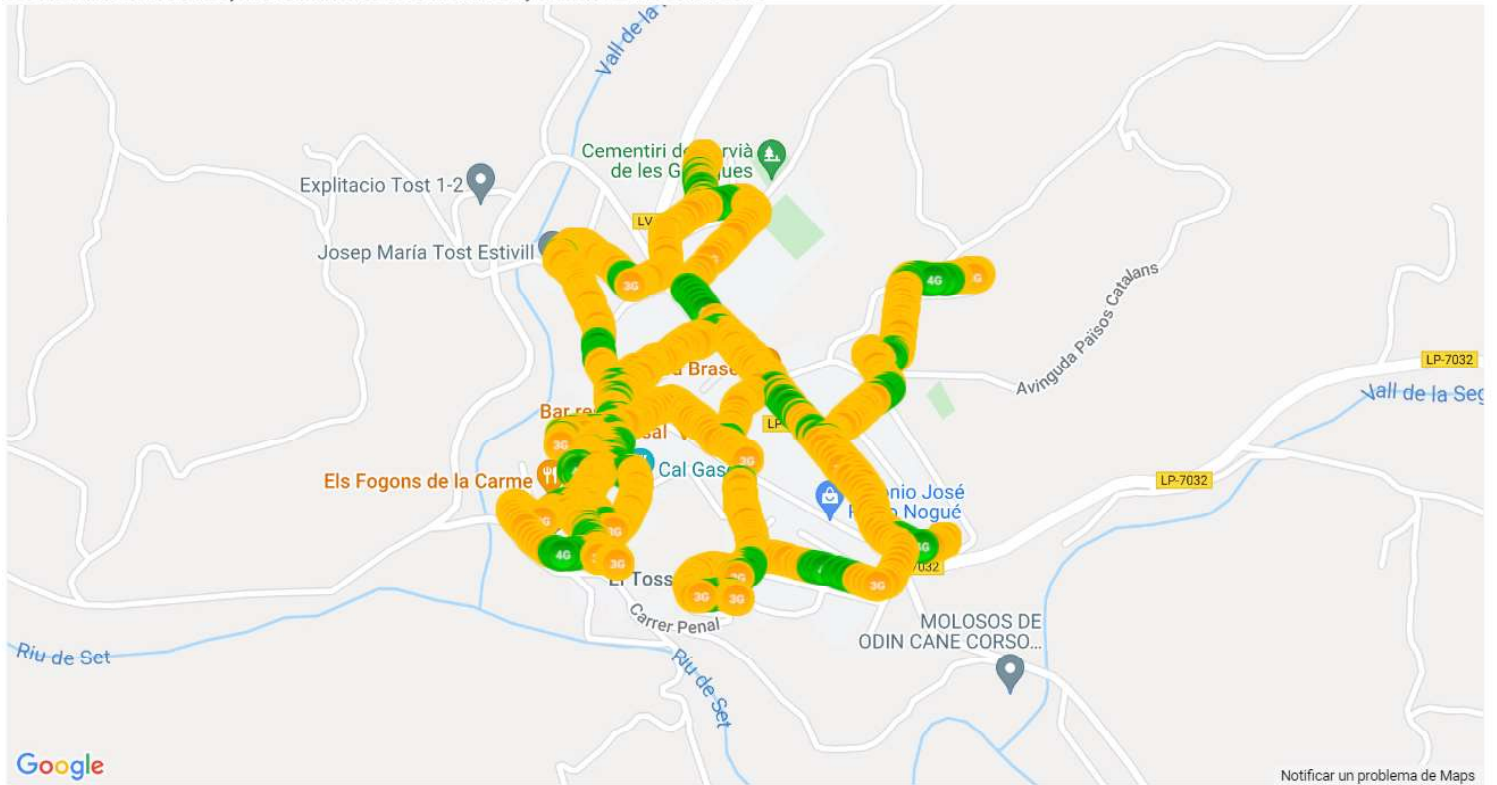
# User perceived mobile network coverage during tests



mobile network coverage during tests for operators 21407\_Movistar



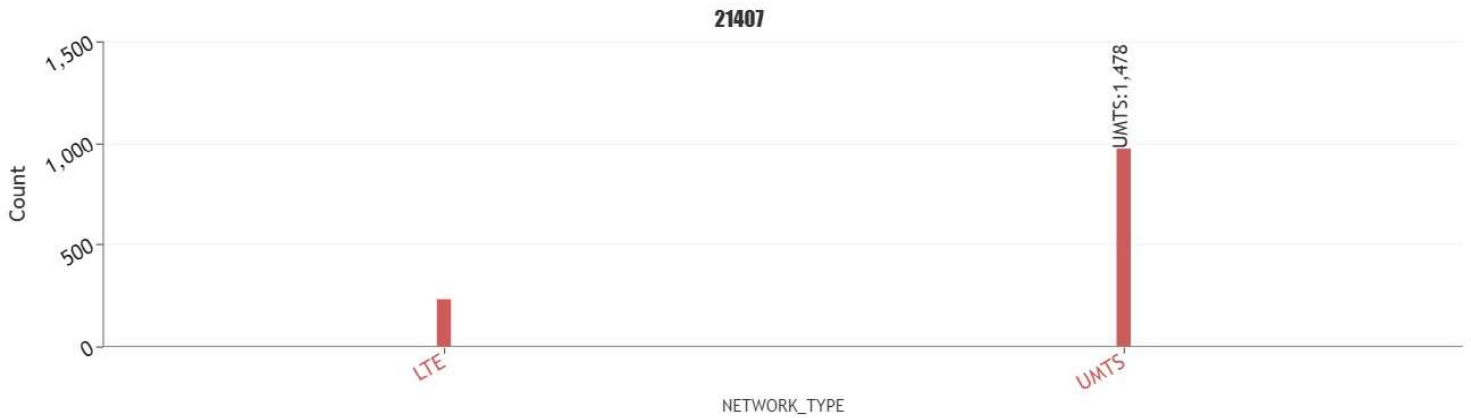
MOVISTAR SERVEI DE VEU, ACCÉS A XARXES DE L'OPERADOR, CERVIÀ DE LES GARRIGUES



RAN technology statistics per mobile network operator for 21407\_Movistar

Network Type	21407
5G	0.0000%
4G	13.8192%
3G	86.1808%
2G	0.0000%
CDMA	0.0000%
NONETWORK	0.0000%
Total Geo samples	1715

RAN technology distribution chart per mobile network operator for 21407\_Movistar



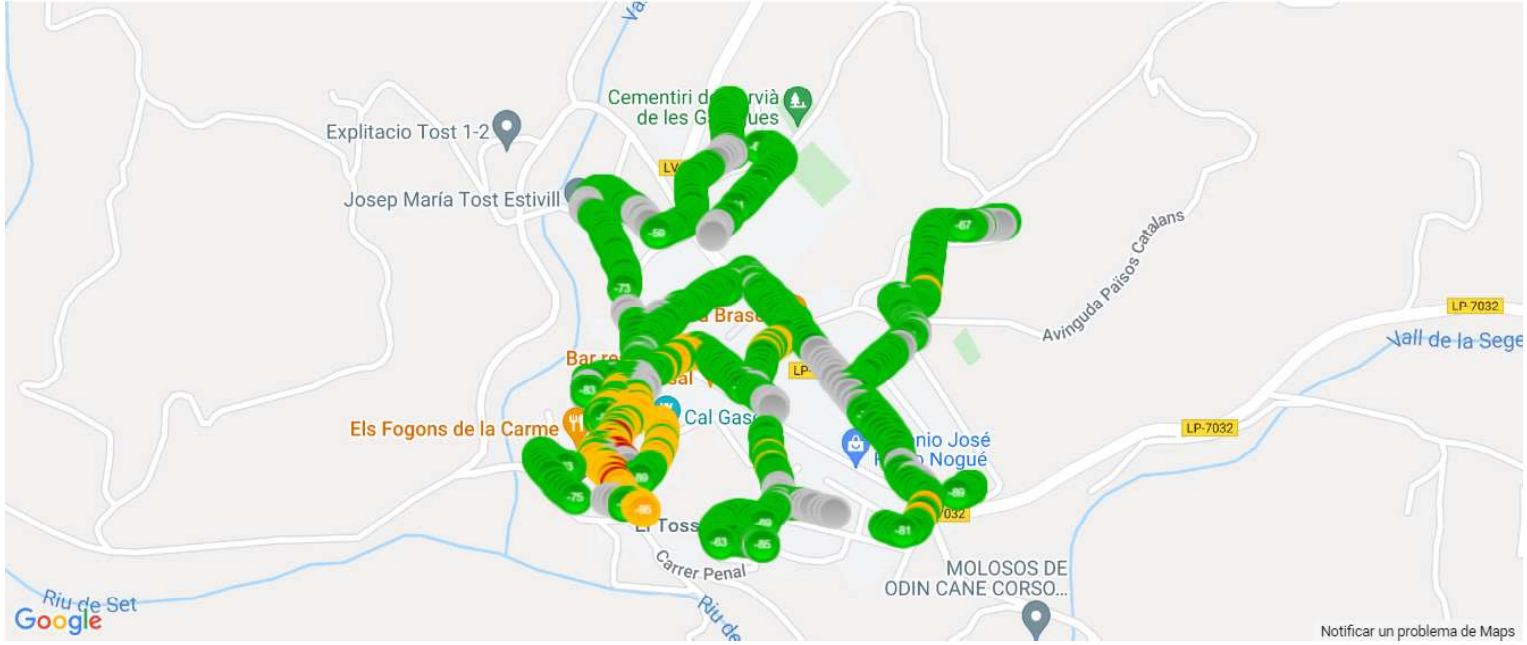


## RSSI view



RSSI KPI statistics per mobile operator for operator 21407\_Movistar

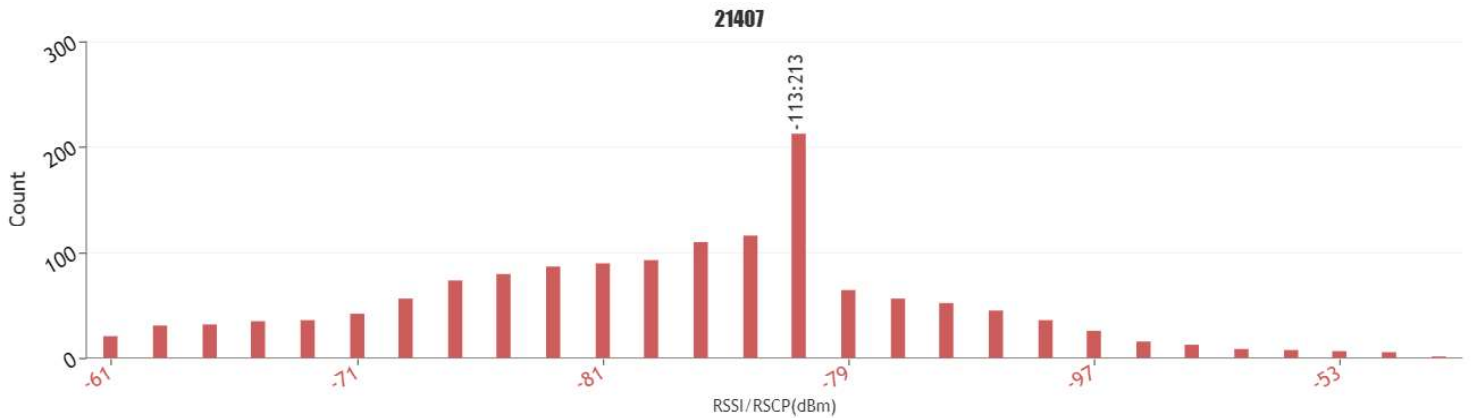
MOVISTAR SERVEI DE VEU, MAPA DE NIVELL DE SENYAL, CERVIÀ DE LES GARRIGUES



RSSI KPI statistics per mobile operator for 21407\_Movistar

Operators	21407
<b>&gt;= -89dBm</b>	67.5805 % (count : 986)
<b>B/w -99dBm to -90dBm</b>	17.2721 % (count : 252)
<b>B/w -112dBm to -100dBm</b>	0.5483 % (count : 8)
<b>&lt; -113dBm</b>	14.5990 % (count : 213)
Total Geo samples	1459

RSSI distribution chart per mobile operator for 21407\_Movistar



# RantCell User QoE test report



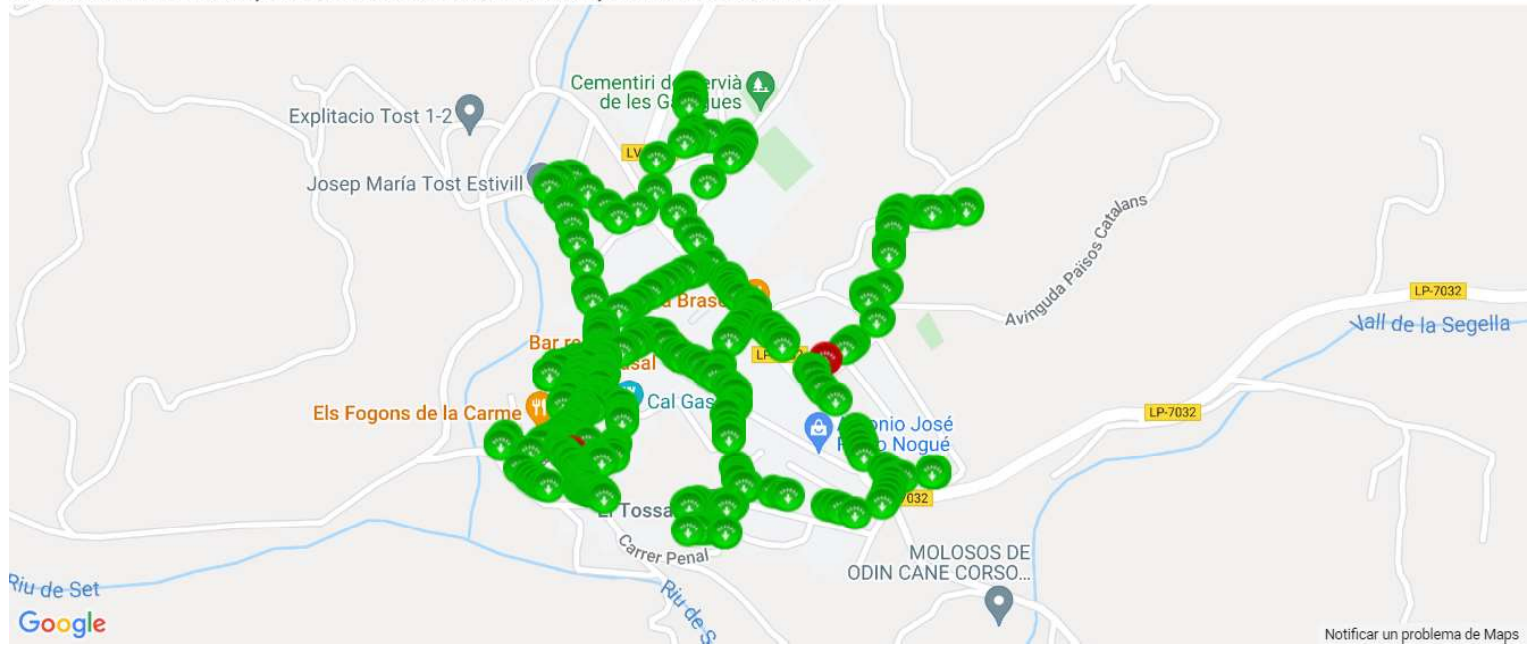
OperatorName	21407_Movistar
Test phone Model/Models	Samsung SM-A226B
Report Generation Time	Mar 29, 2022 7:41:53 AM
Test StartTime	Mar 28, 2022 1:26:59 PM
Test EndTime	Mar 28, 2022 1:59:36 PM
Download Speed Test	Yes

# Download speed test report

Download speed test view for 21407\_Movistar



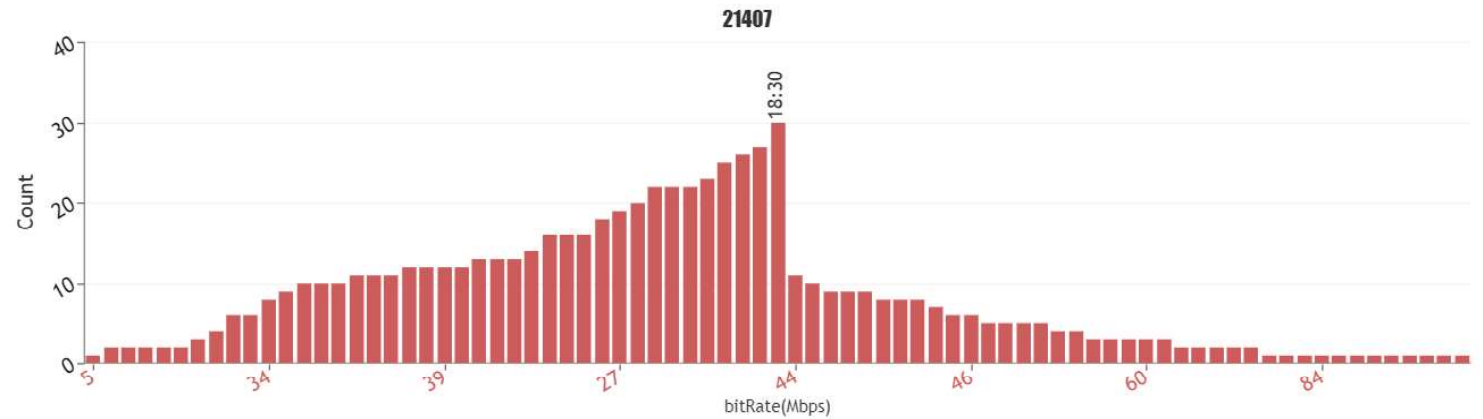
## MOVISTAR SERVEI DE DADES, MAPA DE VELOCITATS DE DESCÀRREGA, CERVIÀ DE LES GARRIGUES



## Download test KPI statistics per mobile operator for 21407\_Movistar

Operators	21407
above 1.2Mbps	99.7010 % (count : 667)
0.4Mbps - 1.2Mbps	0 % (count : 0)
0Mbps - 0.4Mbps	0.2990 % (count : 2)
Average (mbps)	32.64
Peak Speed (mbps)	87.75
Lowest Recorded (mbps)	0
Total Geo samples	669

## Download test distribution chart per mobile operators for 21407\_Movistar



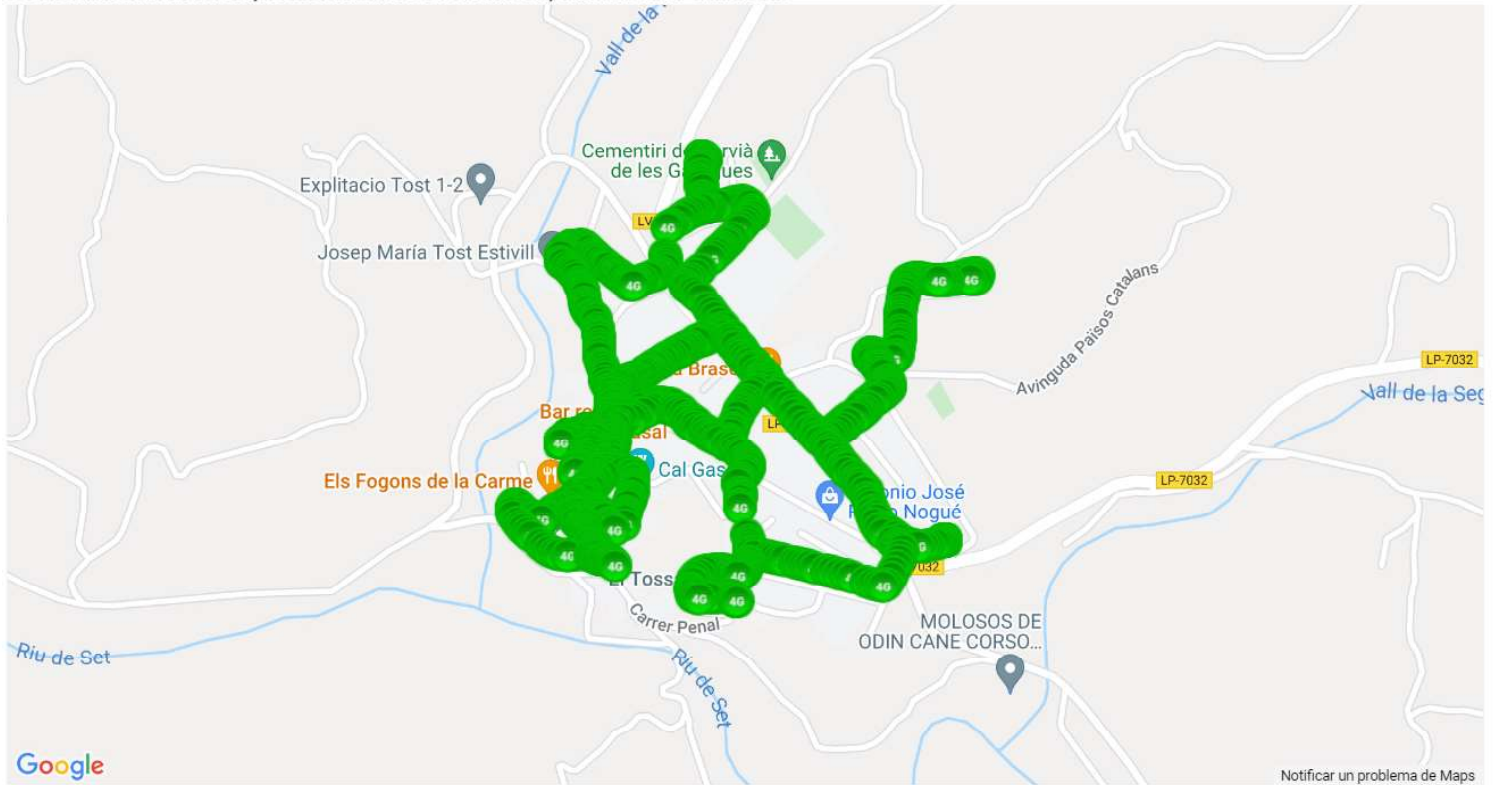
# User perceived mobile network coverage during tests



mobile network coverage during tests for operators 21407\_Movistar



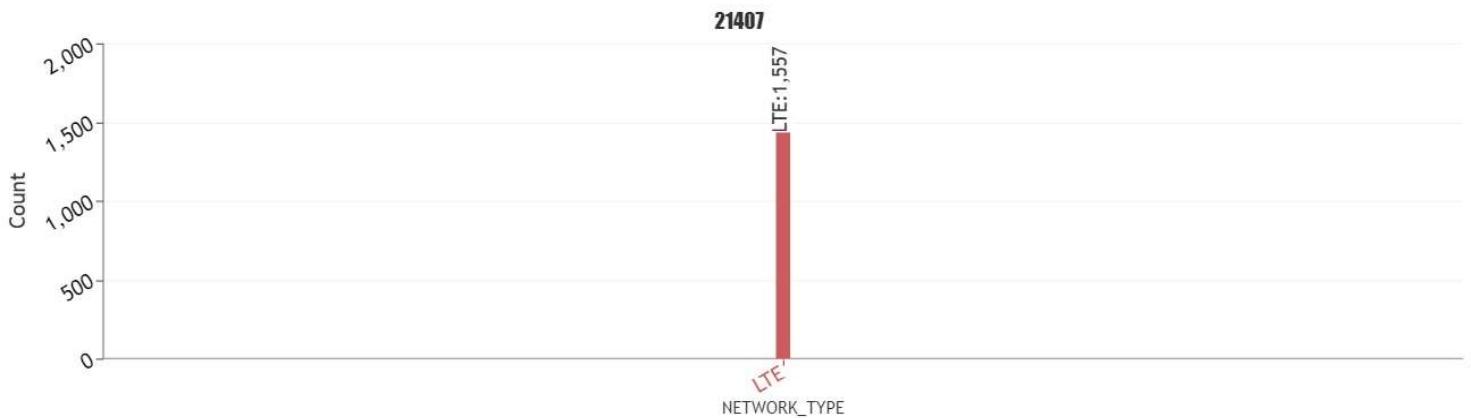
MOVISTAR SERVEI DE DADES, ACCÉS A XARXES DE L'OPERADOR, CERVIÀ DE LES GARRIGUES



## RAN technology statistics per mobile network operator for 21407\_Movistar

Network Type	21407
5G	0.0000%
4G	100.0000%
3G	0.0000%
2G	0.0000%
CDMA	0.0000%
NONETWORK	0.0000%
Total Geo samples	1557

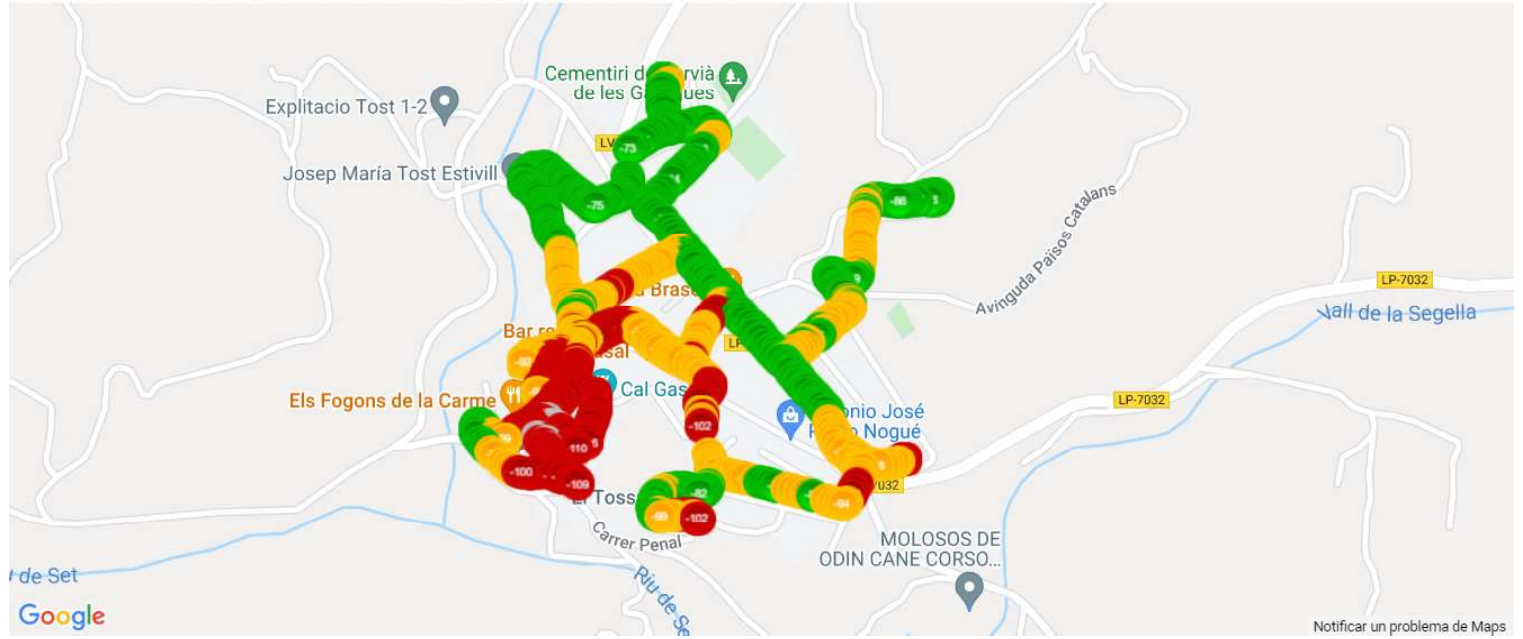
## RAN technology distribution chart per mobile network operator for 21407\_Movistar



## RSRP view

RSRP KPI statistics per mobile operator for operator 21407\_Movistar

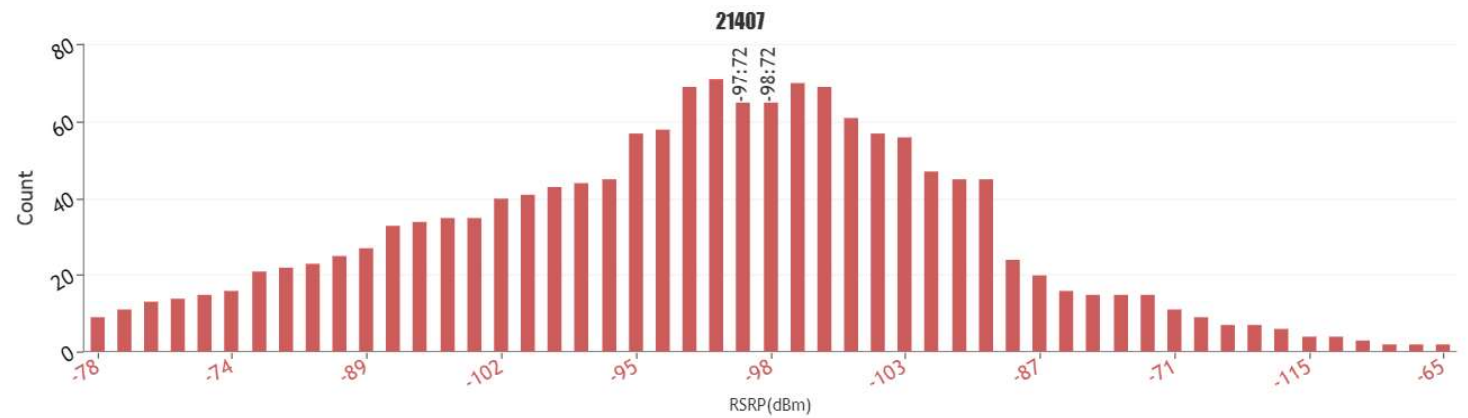
### MOVISTAR SERVEI DE DADES, MAPA DE NIVELL DE SENYAL, CERVIÀ DE LES GARRIGUES



RSRP KPI statistics per mobile operator for 21407\_Movistar

Operators	21407
>= to -89dBm	26.6538 % (count : 415)
B/w -99dBm to -90dBm	35.3886 % (count : 551)
B/w -112dBm to -100dBm	37.3796 % (count : 582)
<= -113dBm	0.5780 % (count : 9)
Total Geo samples	1557

RSRP distribution chart per mobile operator for 21407\_Movistar



# RantCell User QoE test report



OperatorName	21401_vodafone ES
Test phone Model/Models	Samsung SM-A226B
Report Generation Time	Mar 29, 2022 7:57:50 AM
Test StartTime	Mar 28, 2022 1:26:22 PM
Test EndTime	Mar 28, 2022 1:59:34 PM
Voice Call Test	Yes

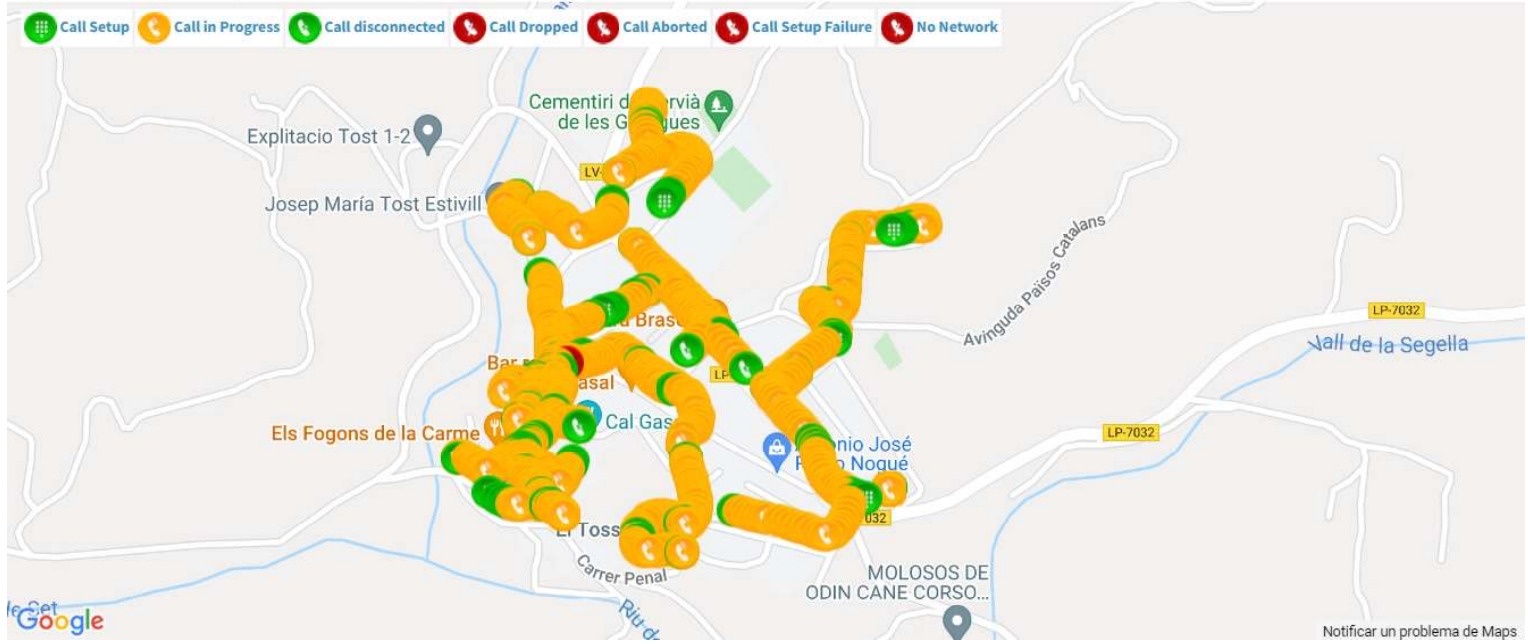


## Voice call test report



Call test view of mobile operators for 21401\_vodafone ES

### VODAFONE SERVEI DE VEU, MAPA DE TRUCADES, CERVIÀ DE LES GARRIGUES



Call test KPI statistics per mobile operator for 21401\_vodafone ES

Operators	21401
Total Calls Success	37
Total Calls Attempted	38
Total Calls Failed	1
Dropped Calls	1
Aborted Calls	0
CallSetup Failed	0
No Network <a href="#">?</a>	0
Attempted Voice call on 2G <a href="#">?</a>	0
Attempted Voice call on 3G <a href="#">?</a>	13
Successful CSFB call to 3G <a href="#">?</a>	25

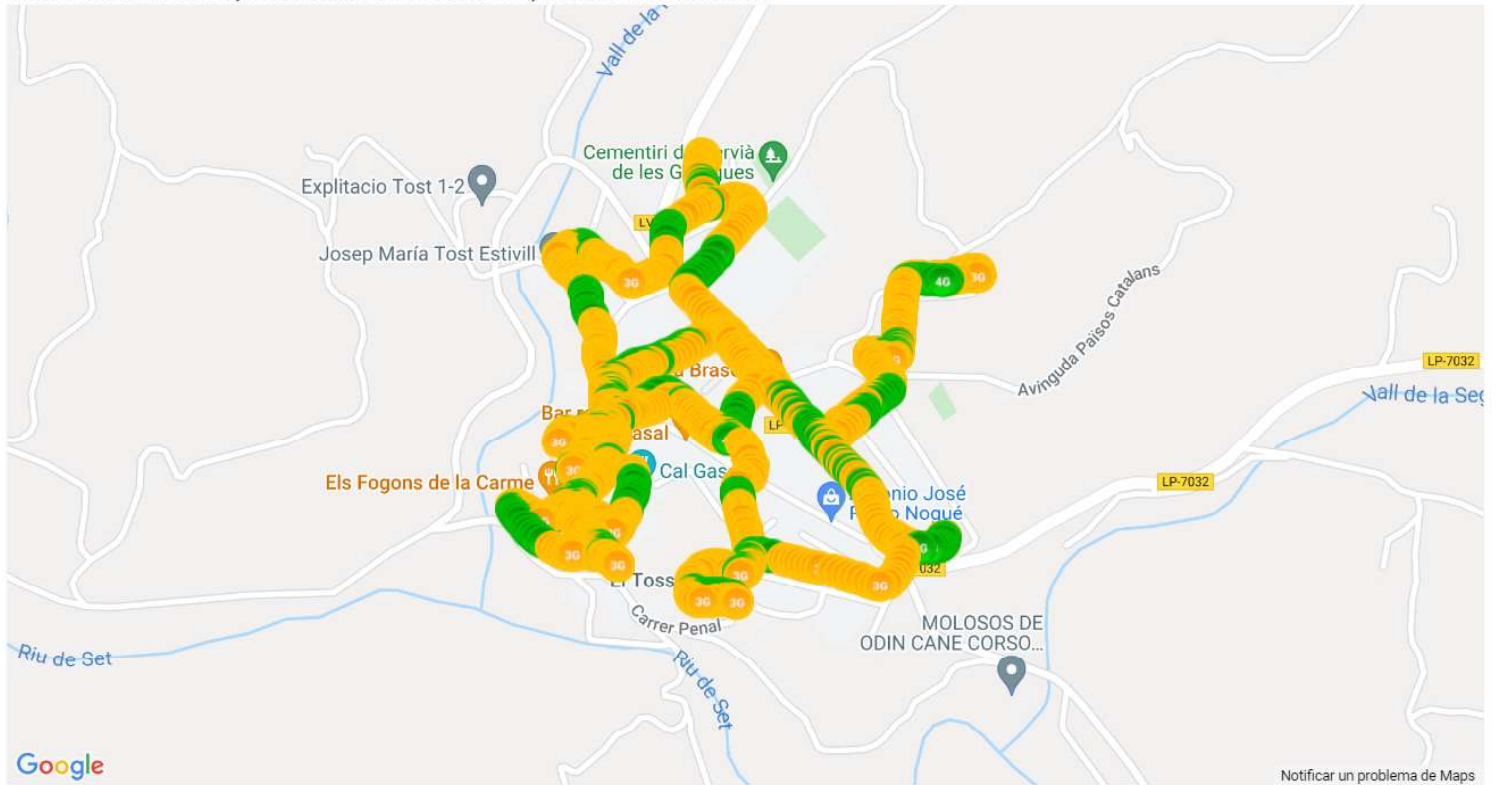
## User perceived mobile network coverage during tests



mobile network coverage during tests for operators 21401\_vodafone ES



VODAFONE SERVEI DE VEU, ACCÉS A XARXES DE L'OPERADOR, CERVIÀ DE LES GARRIGUES



## RAN technology statistics per mobile network operator for 21401\_vodafone ES

Network Type	21401
5G	0.0000%
4G	21.9059%
3G	78.0941%
2G	0.0000%
CDMA	0.0000%
NONETWORK	0.0000%
Total Geo samples	1721

## RAN technology distribution chart per mobile network operator for 21401\_vodafone ES

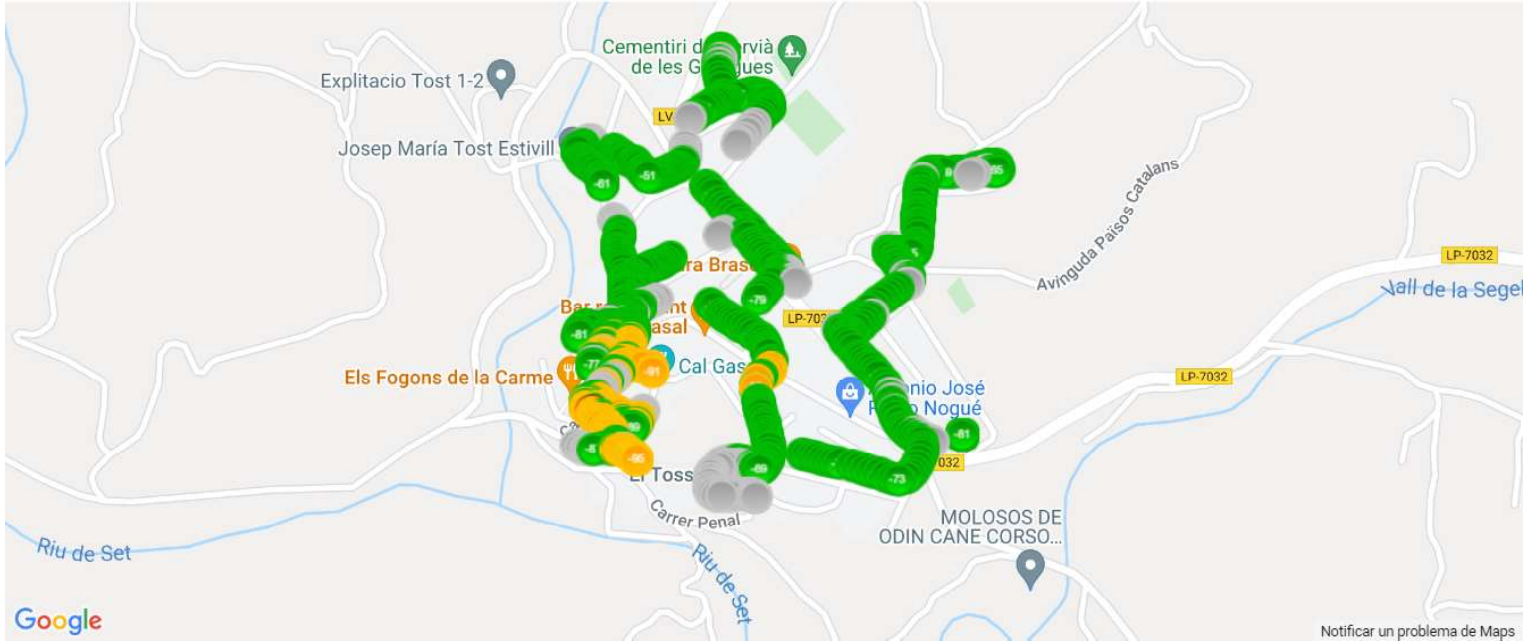


## RSSI view



RSSI KPI statistics per mobile operator for operator 21401\_vodafone ES

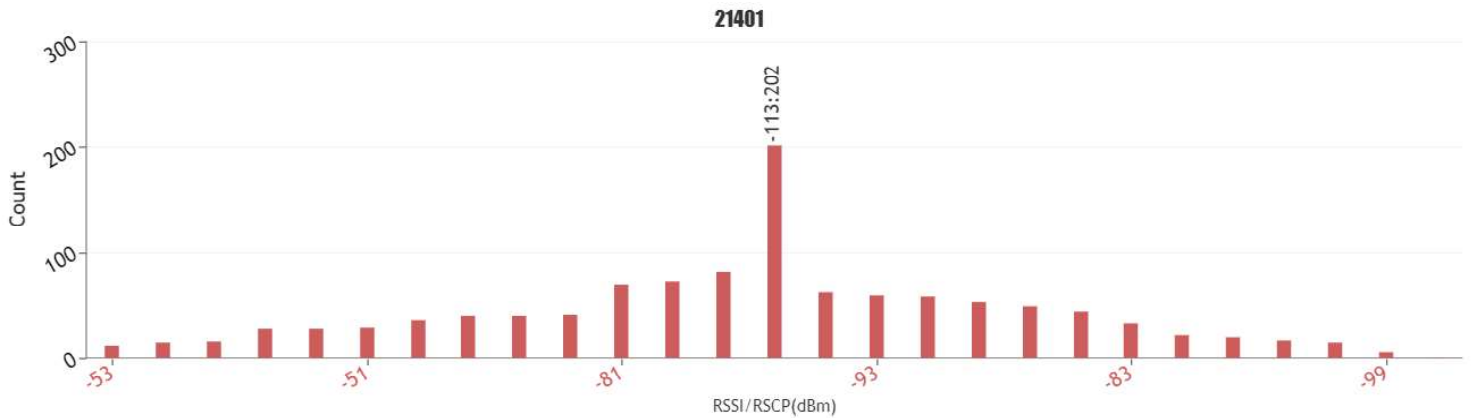
### VODAFONE SERVEI DE VEU, MAPA DE NIVELL DE SENYAL, CERVIÀ DE LES GARRIGUES



RSSI KPI statistics per mobile operator for 21401\_vodafone ES

Operators	21401
<b>&gt;= -89dBm</b>	66.4645 % (count: 767)
<b>B/w -99dBm to -90dBm</b>	15.9445 % (count: 184)
<b>B/w -112dBm to -100dBm</b>	0.0867 % (count: 1)
<b>&lt; -113dBm</b>	17.5043 % (count: 202)
Total Geo samples	1154

RSSI distribution chart per mobile operator for 21401\_vodafone ES



# RantCell User QoE test report



OperatorName	21401_vodafone ES
Test phone Model/Models	Samsung SM-A226B
Report Generation Time	Mar 29, 2022 8:20:12 AM
Test StartTime	Mar 28, 2022 1:27:23 PM
Test EndTime	Mar 28, 2022 1:59:34 PM
Download Speed Test	Yes

## Download speed test report

Download speed test view for 21401\_vodafone ES



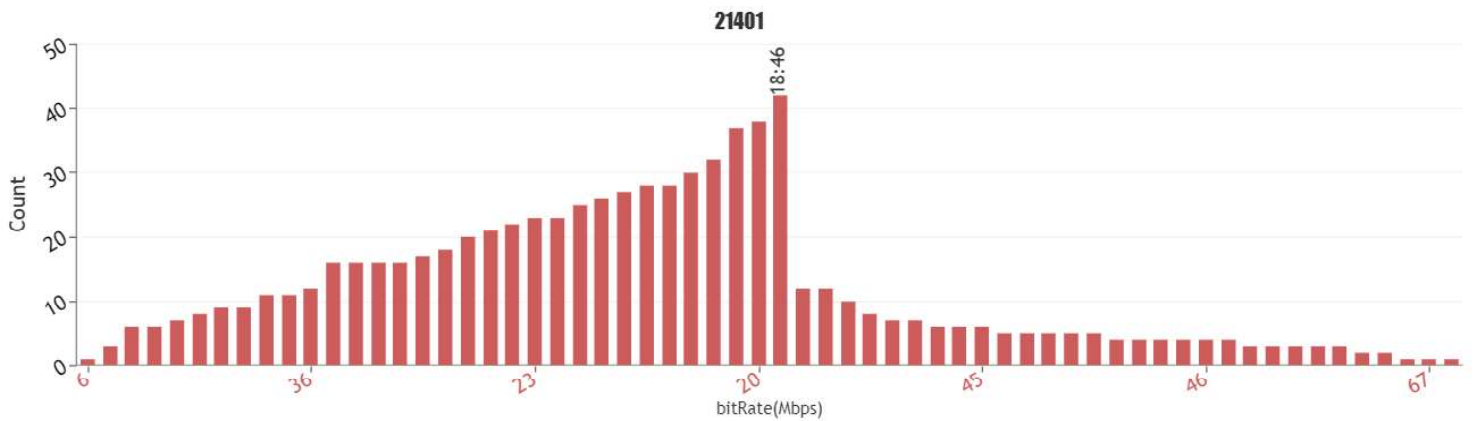
### VODAFONE SERVEI DE DADES, MAPA DE VELOCITATS DE DESCÀRREGA, CERVIÀ DE LES GARRIGUES



### Download test KPI statistics per mobile operator for 21401\_vodafone ES

Operators	21401
above 1.2Mbps	100.0000 % (count : 753)
0.4Mbps - 1.2Mbps	0 % (count : 0)
0Mbps - 0.4Mbps	0 % (count : 0)
Average (mbps)	27.30
Peak Speed (mbps)	69.59
Lowest Recorded (mbps)	5.22
Total Geo samples	753

### Download test distribution chart per mobile operators for 21401\_vodafone ES





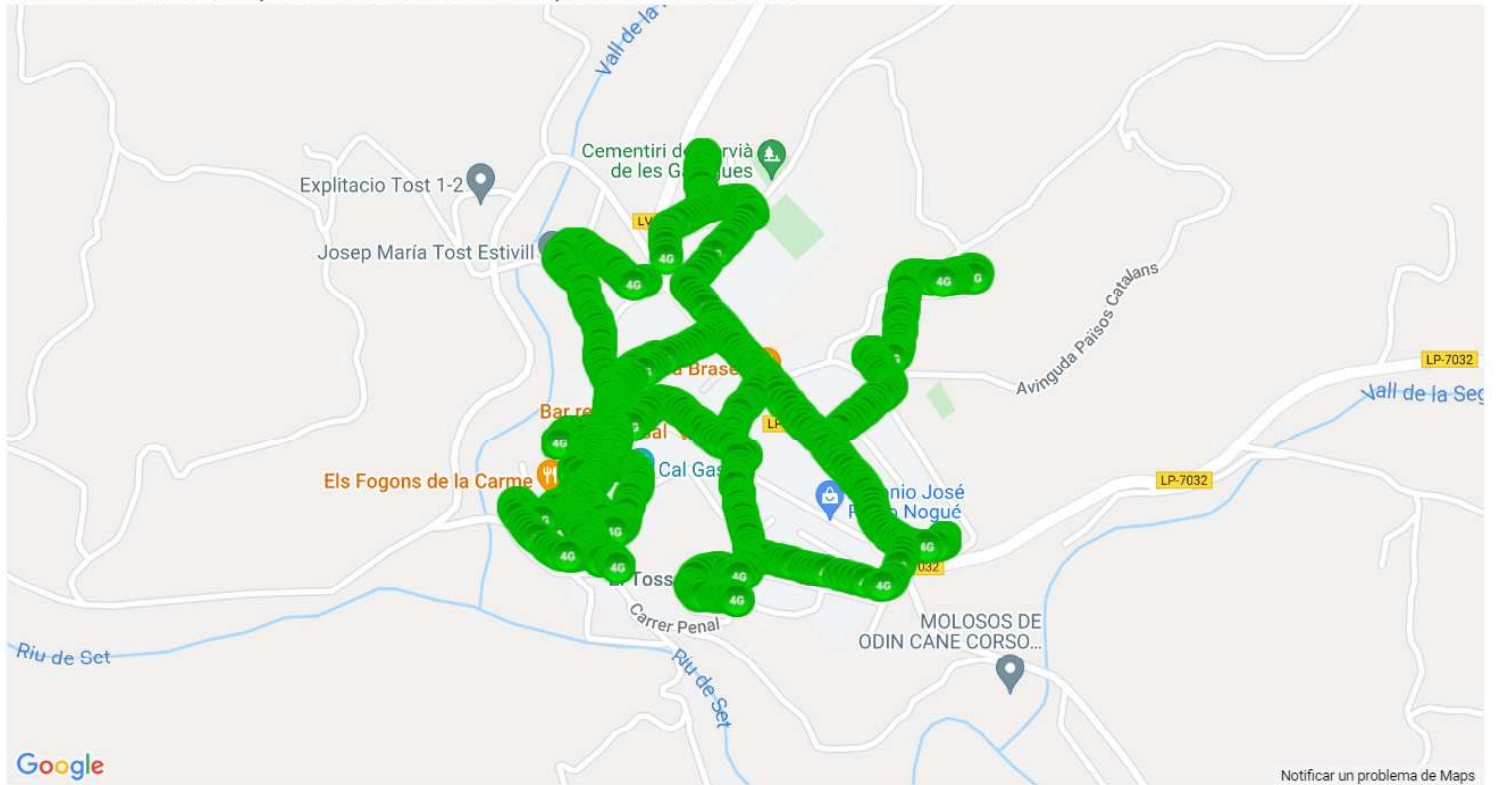
# User perceived mobile network coverage during tests



mobile network coverage during tests for operators 21401\_vodafone ES



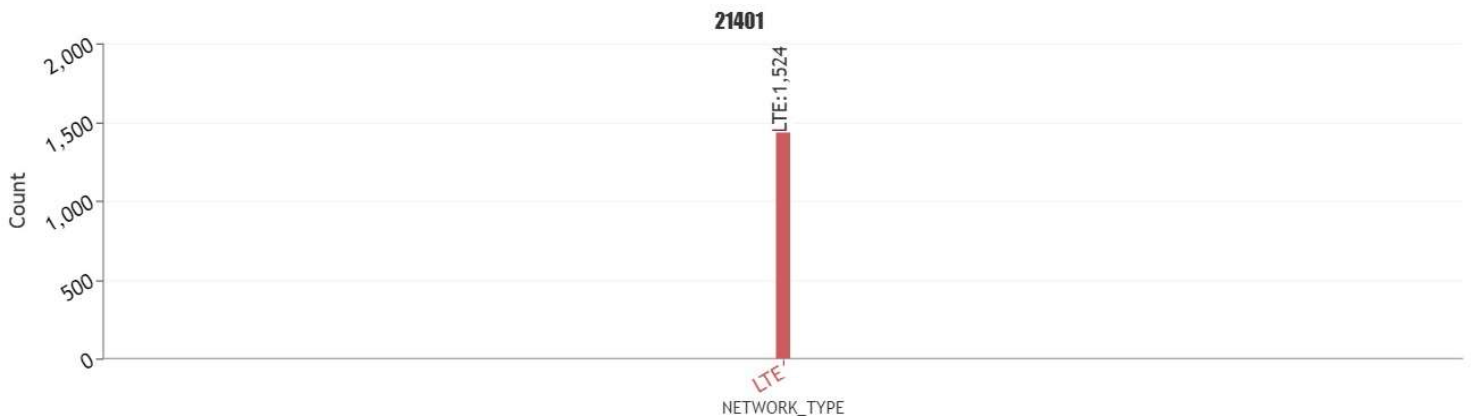
VODAFONE SERVEI DE DADES, ACCÉS A XARXES DE L'OPERADOR, CERVIÀ DE LES GARRIGUES



RAN technology statistics per mobile network operator for 21401\_vodafone ES

Network Type	21401
5G	0.0000%
4G	100.0000%
3G	0.0000%
2G	0.0000%
CDMA	0.0000%
NONETWORK	0.0000%
Total Geo samples	1524

RAN technology distribution chart per mobile network operator for 21401\_vodafone ES

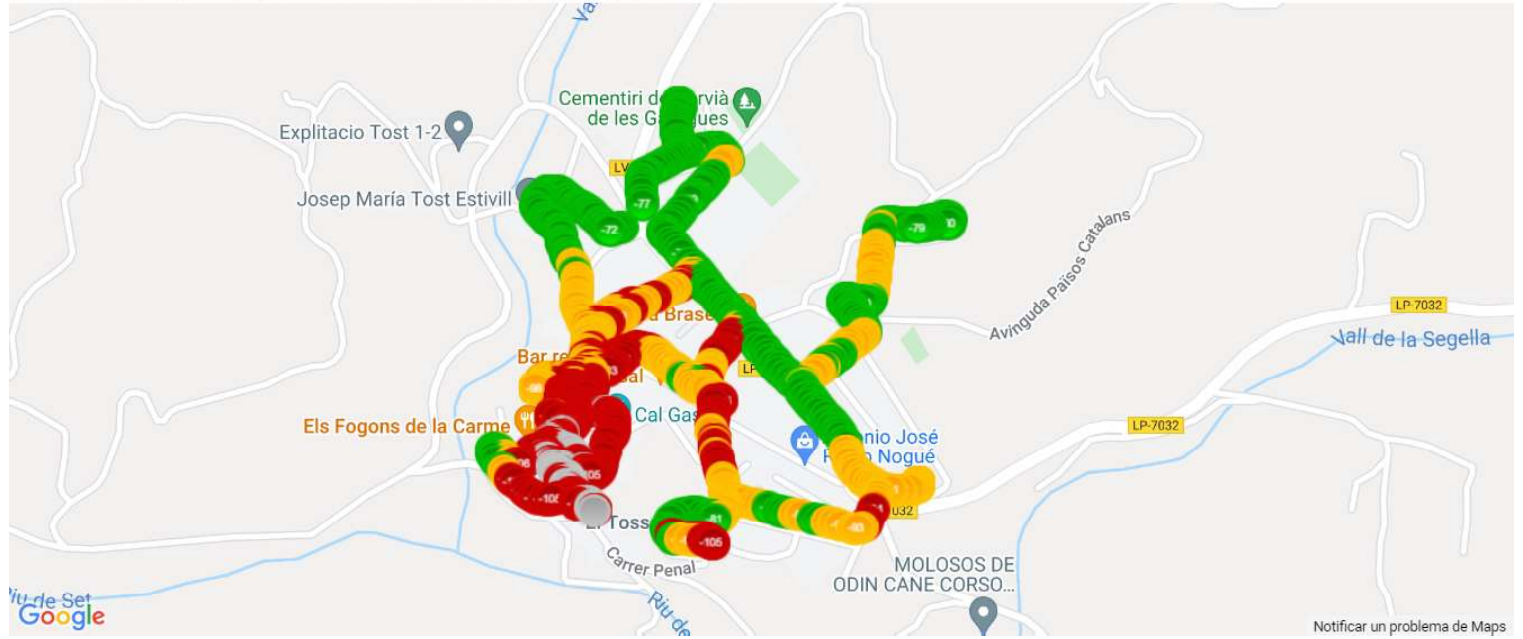




## RSRP view

RSRP KPI statistics per mobile operator for operator 21401\_vodafone ES

VODAFONE SERVEI DE DADES, MAPA DE NIVELL DE SENYAL, CERVIA DE LES GARRIGUES



RSRP KPI statistics per mobile operator for 21401\_vodafone ES

Operators	21401
<b>&gt;= to -89dBm</b>	25.9843 % (count : 396)
<b>B/w -99dBm to -90dBm</b>	29.0682 % (count : 443)
<b>B/w -112dBm to -100dBm</b>	40.4199 % (count : 616)
<b>&lt;= -113dBm</b>	4.5276 % (count : 69)
Total Geo samples	1524

RSRP distribution chart per mobile operator for 21401\_vodafone ES



# RantCell User QoE test report

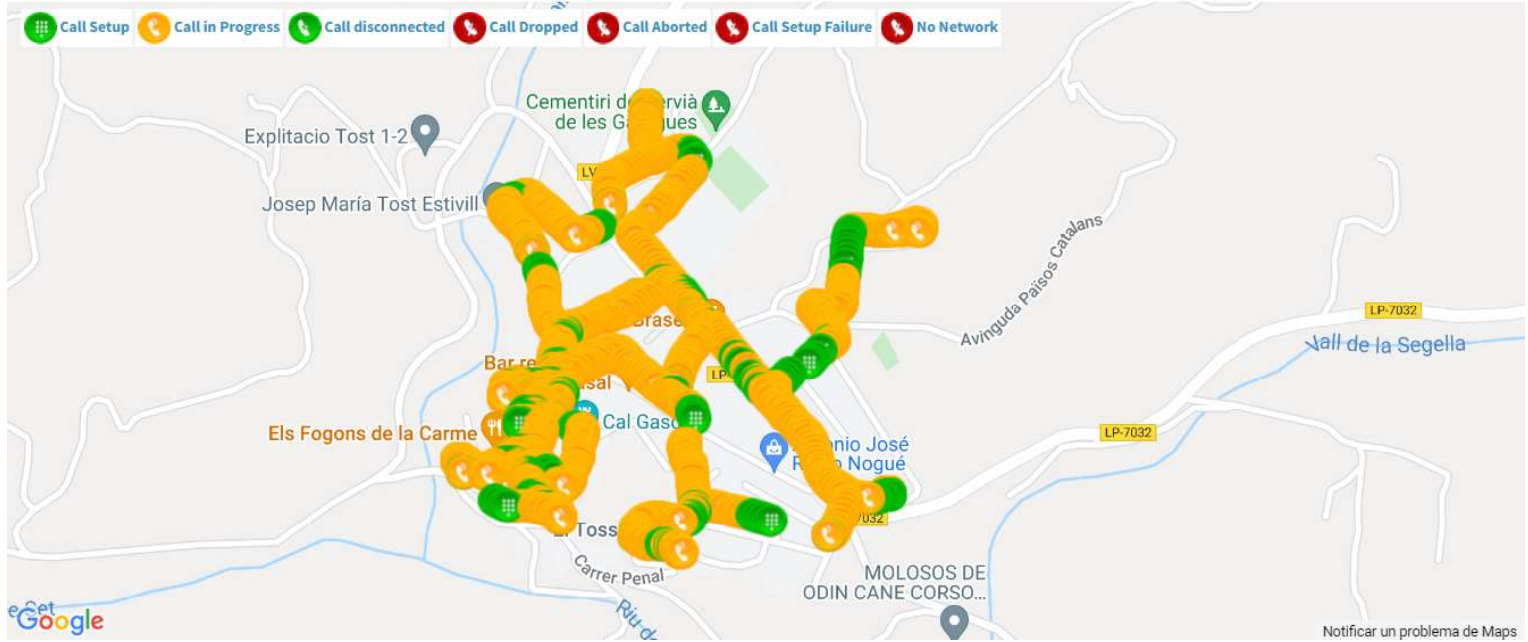


OperatorName	21403_Orange
Test phone Model/Models	Samsung SM-A226B
Report Generation Time	Mar 29, 2022 7:47:01 AM
Test StartTime	Mar 28, 2022 1:26:33 PM
Test EndTime	Mar 28, 2022 1:59:34 PM
Voice Call Test	Yes

## Voice call test report

Call test view of mobile operators for 21403\_Orange

### ORANGE SERVEI DE VEU, MAPA DE TRUCADES, CERVIÀ DE LES GARRIGUES



Call test KPI statistics per mobile operator for 21403\_Orange

Operators	21403
Total Calls Success	41
Total Calls Attempted	42
Total Calls Failed	1
Dropped Calls	0
Aborted Calls	0
CallSetup Failed	1
No Network <a href="#">?</a>	0
Attempted Voice call on 2G <a href="#">?</a>	0
Attempted Voice call on 3G <a href="#">?</a>	11
Successful CSFB call to 3G <a href="#">?</a>	30
Not Determined(Voice CallType) <a href="#">?</a>	1

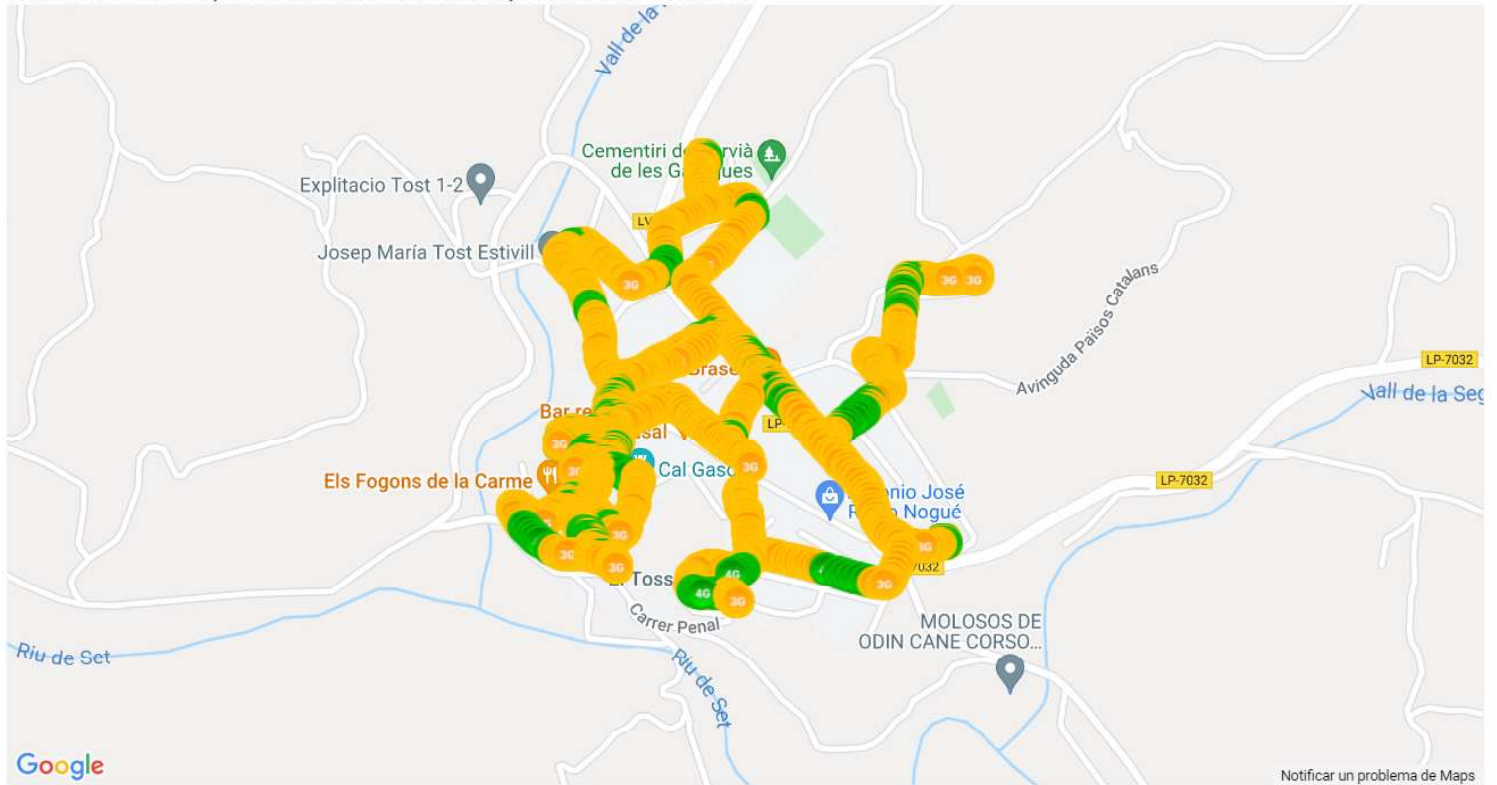
# User perceived mobile network coverage during tests



mobile network coverage during tests for operators 21403\_Orange



ORANGE SERVEI DE VEU, ACCÉS A XARXES DE L'OPERADOR, CERVIÀ DE LES GARRIGUES



## RAN technology statistics per mobile network operator for 21403\_Orange

Network Type	21403
5G	0.0000%
4G	13.7073%
3G	86.2927%
2G	0.0000%
CDMA	0.0000%
NONETWORK	0.0000%
Total Geo samples	1729

## RAN technology distribution chart per mobile network operator for 21403\_Orange

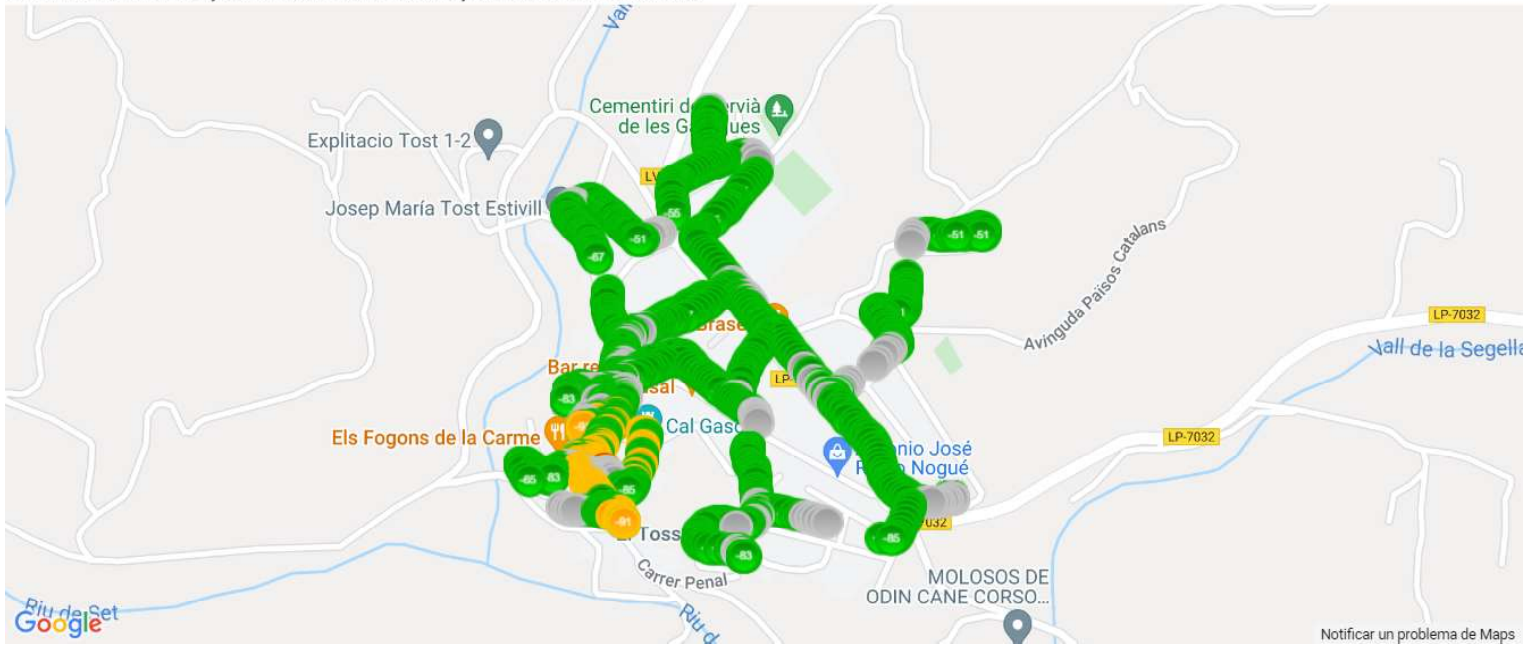


## RSSI view



RSSI KPI statistics per mobile operator for operator 21403\_Orange

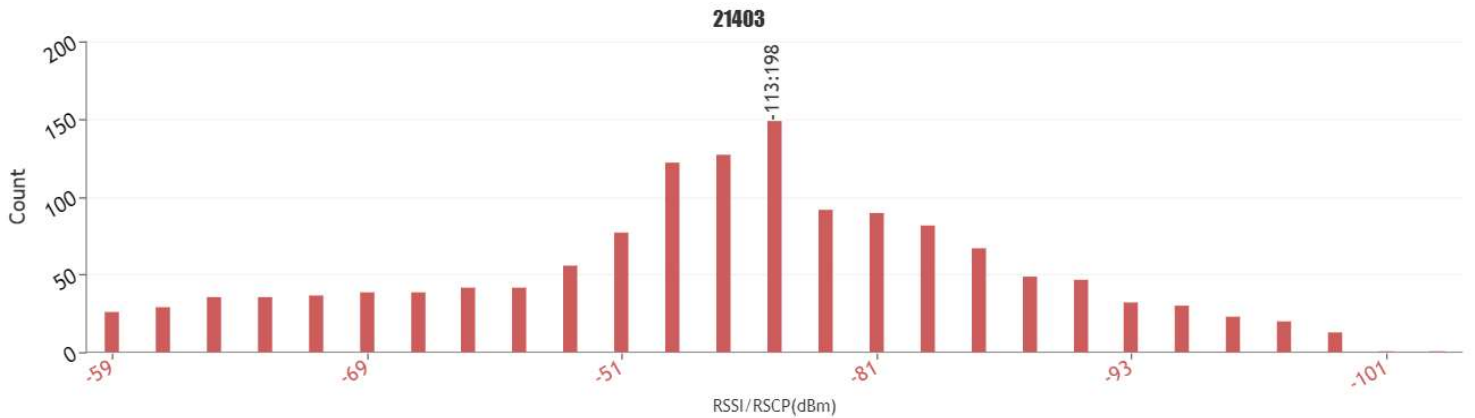
ORANGE SERVEI DE VEU, MAPA DE NIVELL DE SENYAL, CERVIÀ DE LES GARRIGUES



RSSI KPI statistics per mobile operator for 21403\_Orange

Operators	21403
<b>&gt;= -89dBm</b>	78.5272 % (count : 1141)
<b>B/w -99dBm to -90dBm</b>	7.7770 % (count : 113)
<b>B/w -112dBm to -100dBm</b>	0.0688 % (count : 1)
<b>&lt; -113dBm</b>	13.6270 % (count : 198)
Total Geo samples	1453

RSSI distribution chart per mobile operator for 21403\_Orange



# RantCell User QoE test report



OperatorName	21403_Orange
Test phone Model/Models	Samsung SM-A226B
Report Generation Time	Mar 29, 2022 7:51:49 AM
Test StartTime	Mar 28, 2022 1:27:10 PM
Test EndTime	Mar 28, 2022 1:59:40 PM
Download Speed Test	Yes



## Download speed test report

Download speed test view for 21403\_Orange



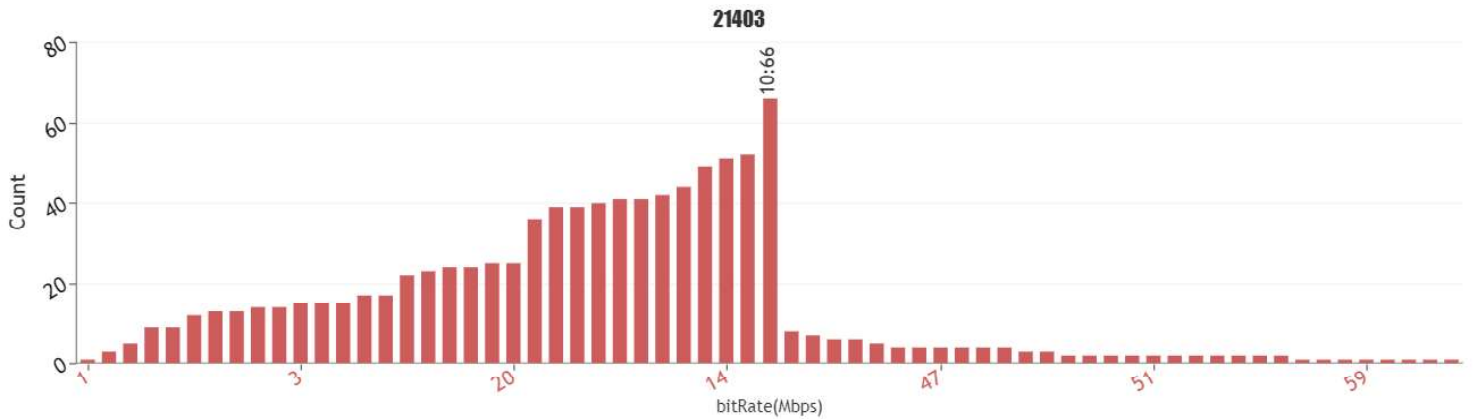
### ORANGE SERVEI DE DADES, MAPA DE VELOCITATS DE DESCÀRREGA, CERVIÀ DE LES GARRIGUES



### Download test KPI statistics per mobile operator for 21403\_Orange

Operators	21403
above 1.2Mbps	100.0000 % (count : 947)
0.4Mbps - 1.2Mbps	0 % (count : 0)
0Mbps - 0.4Mbps	0 % (count : 0)
Average (mbps)	17.64
Peak Speed (mbps)	75.15
Lowest Recorded (mbps)	1.31
Total Geo samples	947

### Download test distribution chart per mobile operators for 21403\_Orange



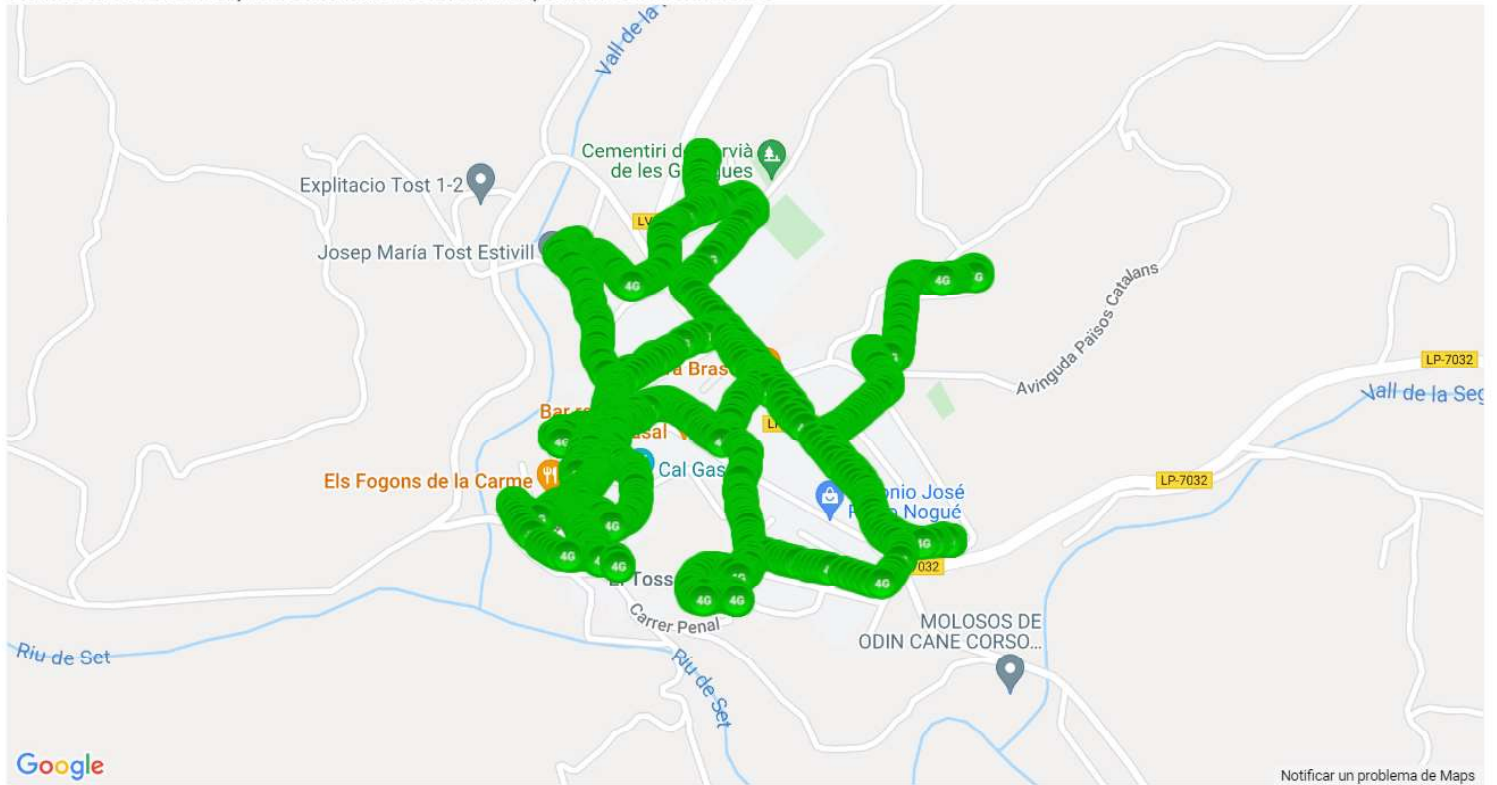
# User perceived mobile network coverage during tests



mobile network coverage during tests for operators 21403\_Orange



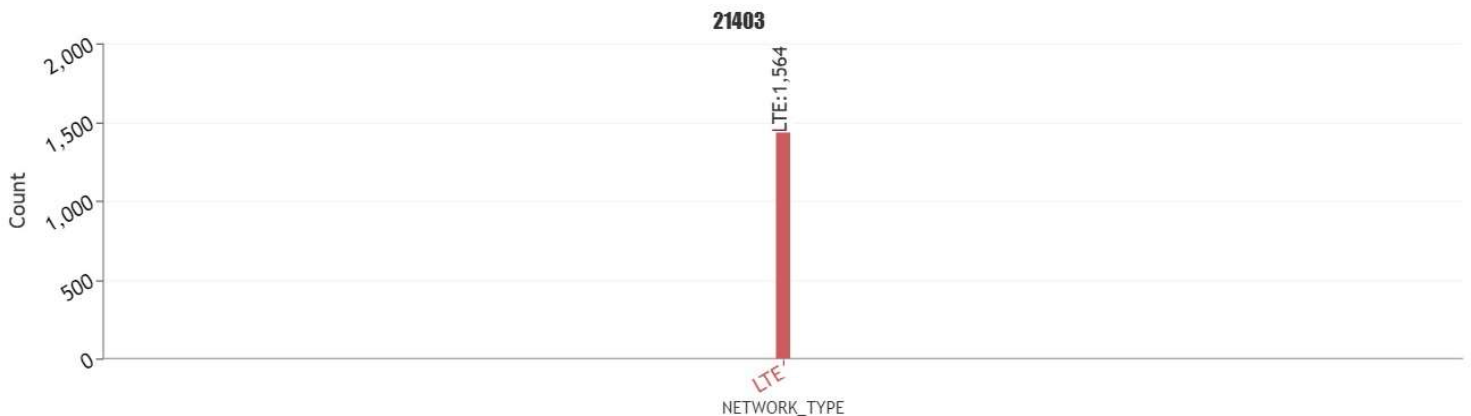
ORANGE SERVEI DE DADES, ACCÉS A XARRES DE L'OPERADOR, CERVIÀ DE LES GARRIGUES



## RAN technology statistics per mobile network operator for 21403\_Orange

Network Type	21403
5G	0.0000%
4G	100.0000%
3G	0.0000%
2G	0.0000%
CDMA	0.0000%
NONETWORK	0.0000%
Total Geo samples	1564

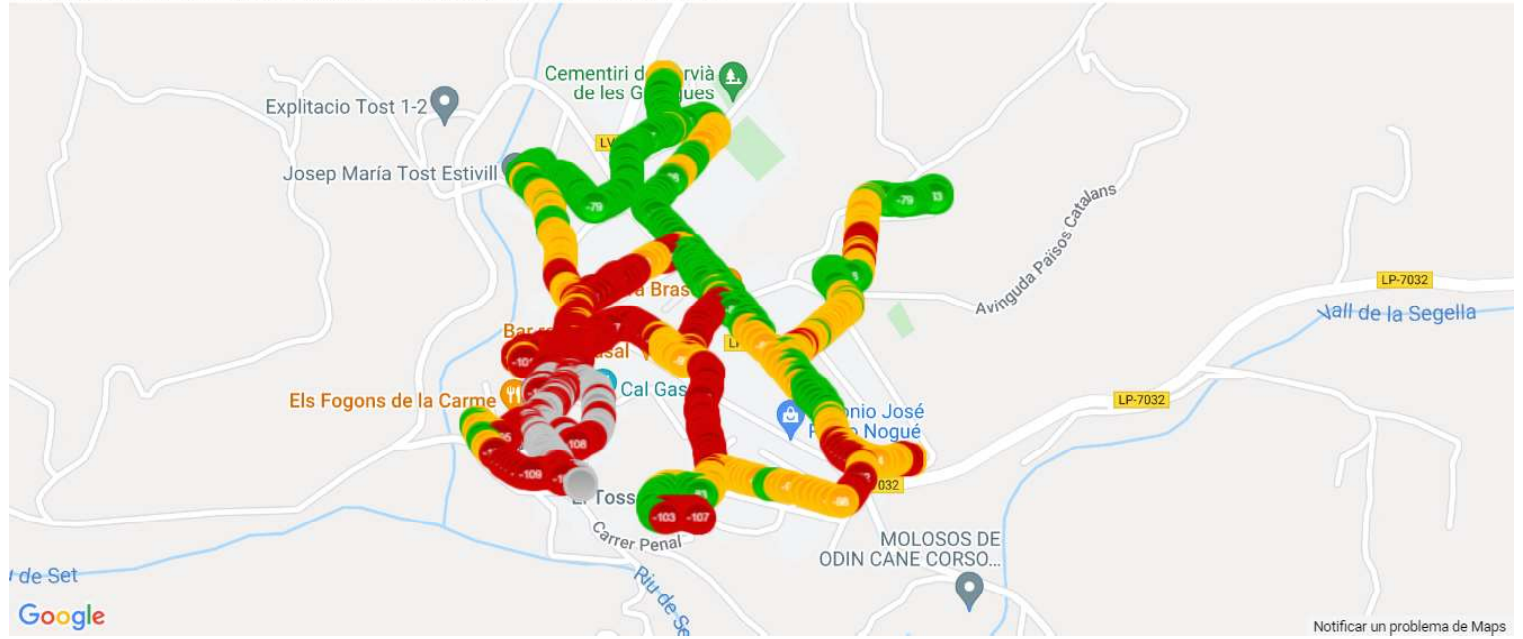
## RAN technology distribution chart per mobile network operator for 21403\_Orange



## RSRP view

RSRP KPI statistics per mobile operator for operator 21403\_Orange

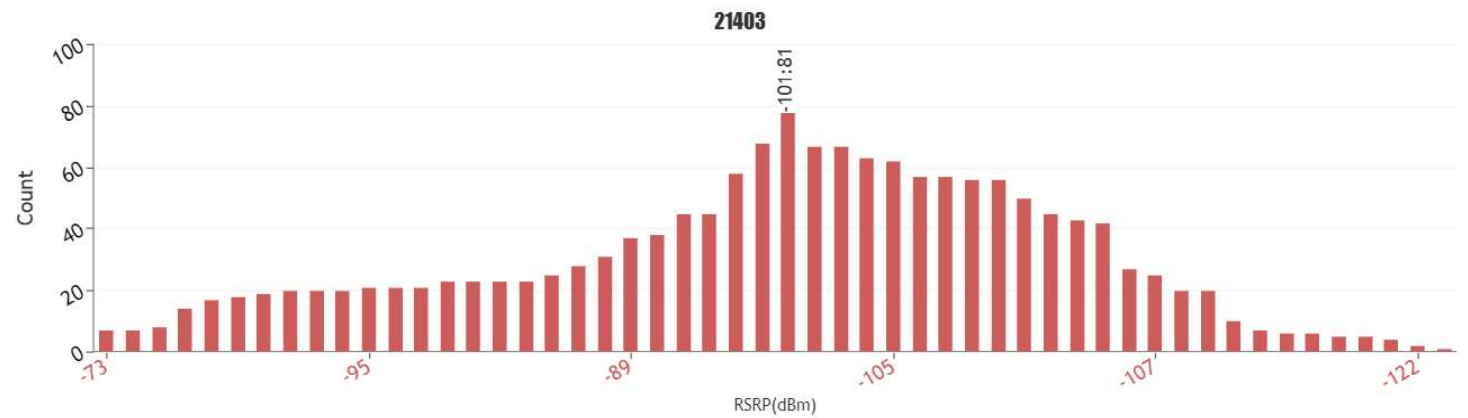
ORANGE SERVEI DE DADES, MAPA DE NIVELL DE SENYAL, CERVIÀ DE LES GARRIGUES



RSRP KPI statistics per mobile operator for 21403\_Orange

Operators	21403
<b>&gt;= to -89dBm</b>	20.2046 % (count : 316)
<b>B/w -99dBm to -90dBm</b>	20.0767 % (count : 314)
<b>B/w -112dBm to -100dBm</b>	44.7570 % (count : 700)
<b>&lt;= -113dBm</b>	14.9616 % (count : 234)
Total Geo samples	1564

RSRP distribution chart per mobile operator for 21403\_Orange



## COGUL: RESUM MESURES

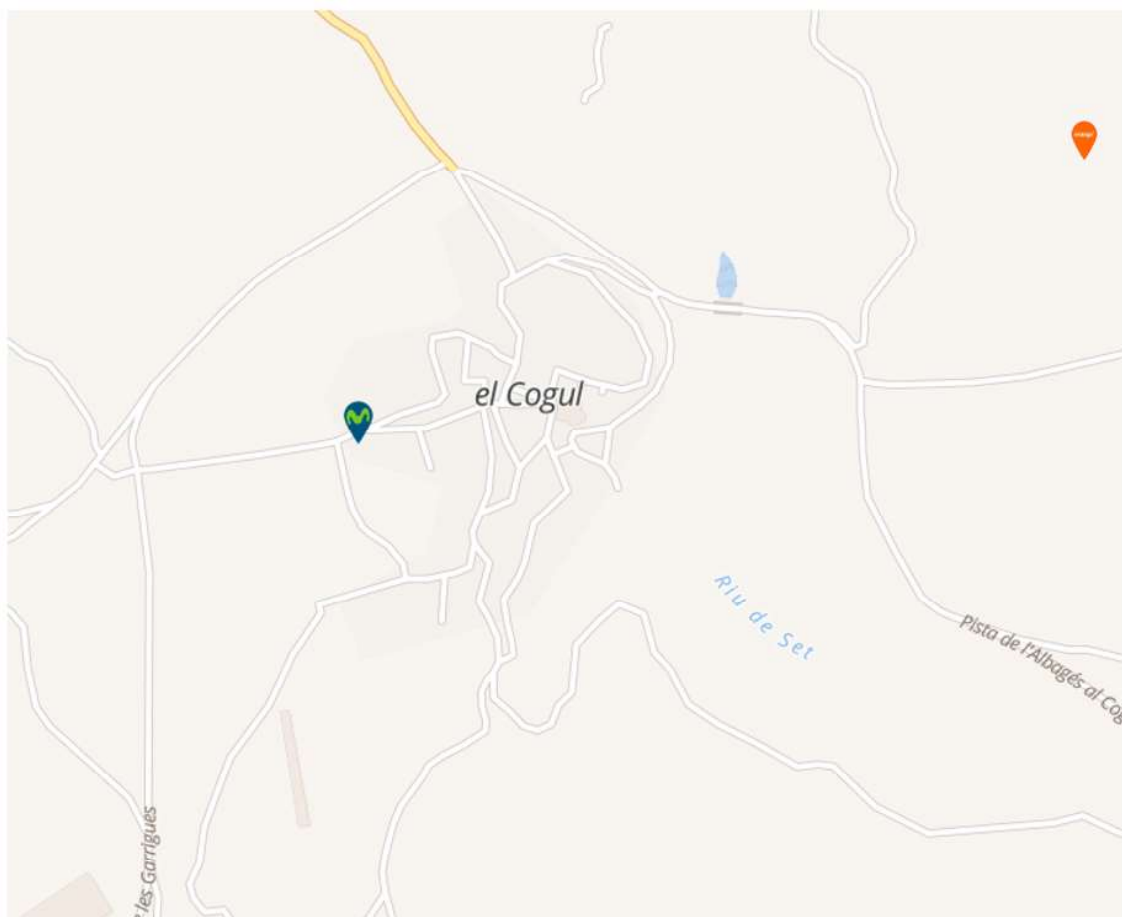
OPERADOR	SERVEI DE VEU	SERVEI DE DADES
MOVISTAR	ACCEPTABLE 70% (3G)	CORRECTE (3G)
VODAFONE	CORRECTE (3G)	CORRECTE (3G)
ORANGE	CORRECTE (3G)	CORRECTE (4G)

Comentaris:

No es troben deficiències significatives de servei de veu o dades dels operadors Orange i Vodafone. Movistar té una cobertura de veu deficient en un 30% del poble (segons percentatge de trucades fallides).

Disposen de fibra de Adamo.

Servei de Movistar a l'oest del poble. Orange i Vodafone (cubicació) estan a Tossal de les Forques (sense informació d'antena disponible).





cogul

## TELEFONICA MOVILES ESPAÑA, S.A.U.

Estación: 2500249

Dirección: VP Polígono 4 Parcela 148. COGUL (EL), LLEIDA

Posición: 41.466842 lat / 0.687639 lng

Elevación: **Sólo PRO**

ID	BANDA	MODOS*
935.10	- 949.90	2G
935.10	- 949.90	2G

# RantCell User QoE test report



OperatorName	21407_Movistar
Test phone Model/Models	Samsung SM-A226B
Report Generation Time	Mar 17, 2022 7:44:45 AM
Test StartTime	Mar 16, 2022 10:44:24 AM
Test EndTime	Mar 16, 2022 11:08:35 AM
Voice Call Test	Yes

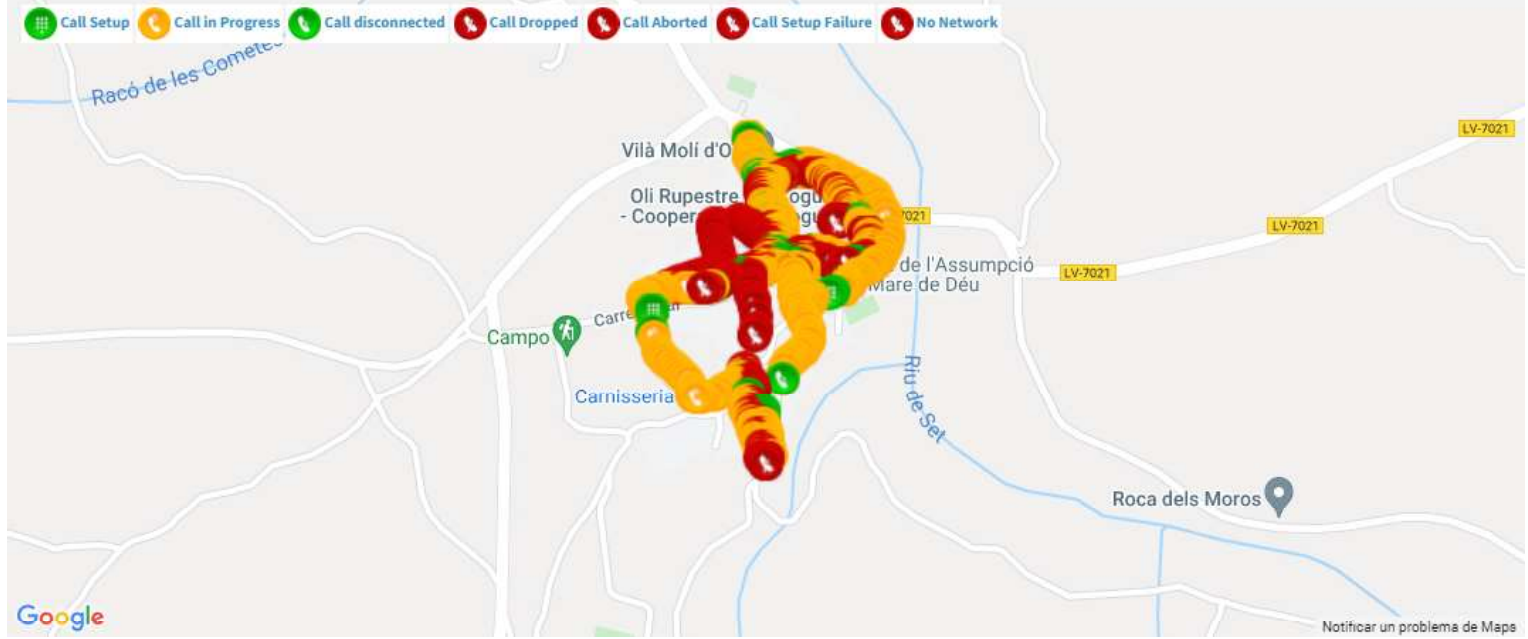


## Voice call test report



Call test view of mobile operators for 21407\_Movistar

### MOVISTAR SERVEI DE VEU, MAPA DE TRUCADES, COGUL



Call test KPI statistics per mobile operator for 21407\_Movistar

Operators	21407
Total Calls Success	20
Total Calls Attempted	30
Total Calls Failed	10
Dropped Calls	0
Aborted Calls	0
CallSetup Failed	10
No Network	0
Attempted Voice call on 2G	0
Attempted Voice call on 3G	30

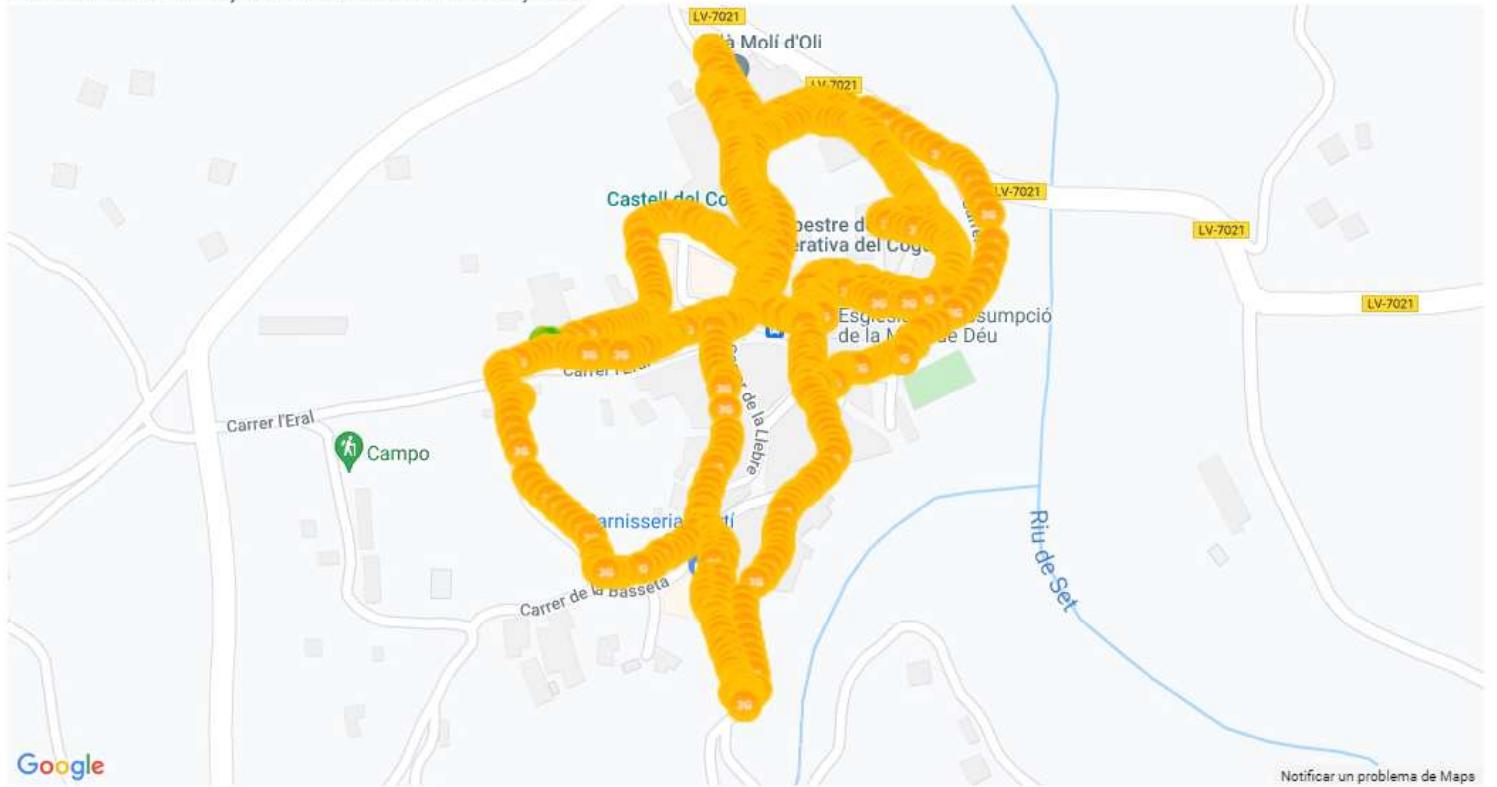
# User perceived mobile network coverage during tests



mobile network coverage during tests for operators 21407\_Movistar



MOVISTAR SERVEI DE VEU, ACCÉS A XARXES DEL OPERADOR, COGUL



## RAN technology statistics per mobile network operator for 21407\_Movistar

Network Type	21407
5G	0.0000%
4G	0.4804%
3G	99.5196%
2G	0.0000%
CDMA	0.0000%
NONNETWORK	0.0000%
Total Geo samples	1249

## RAN technology distribution chart per mobile network operator for 21407\_Movistar

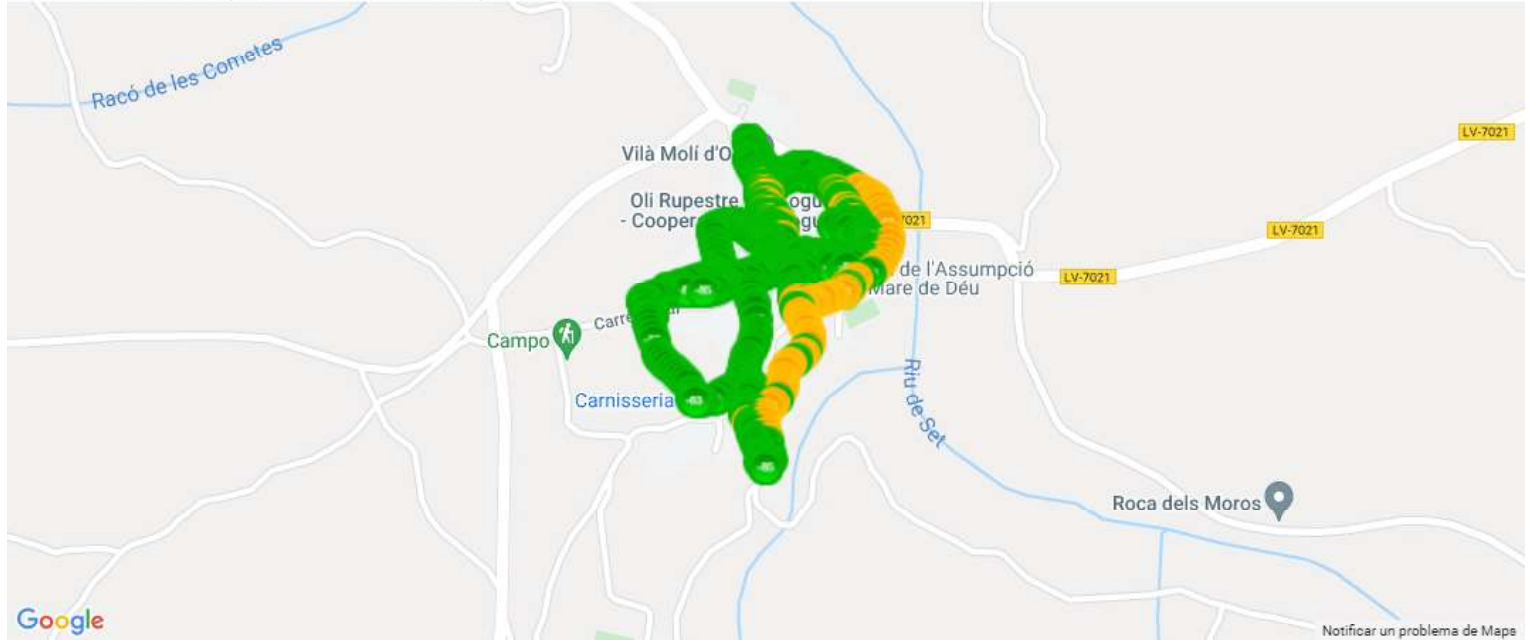


## RSSI view



RSSI KPI statistics per mobile operator for operator 21407\_Movistar

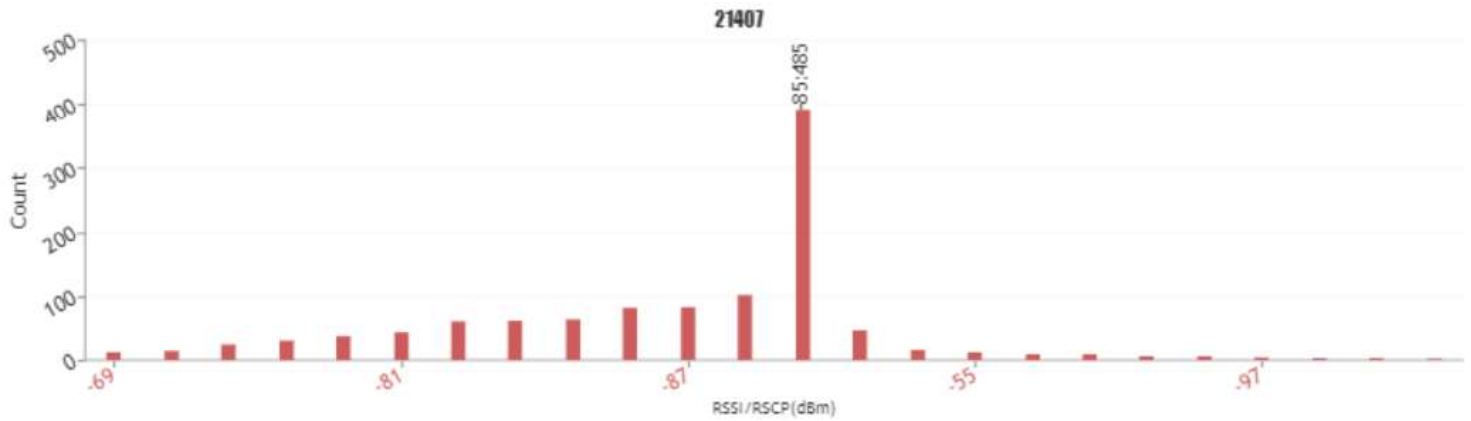
MOVISTAR SERVEI DE VEU, MAPA DE NIVELL DE SENYAL, COGUL



RSSI KPI statistics per mobile operator for 21407\_Movistar

Operators	21407
>= -89dBm	82.2204 % (count: 1022)
B/w -99dBm to -90dBm	17.7796 % (count: 221)
B/w -112dBm to -100dBm	0 % (count: 0)
<= -113dBm	0 % (count: 0)
Total Geo samples	1243

RSSI distribution chart per mobile operator for 21407\_Movistar



# RantCell User QoE test report



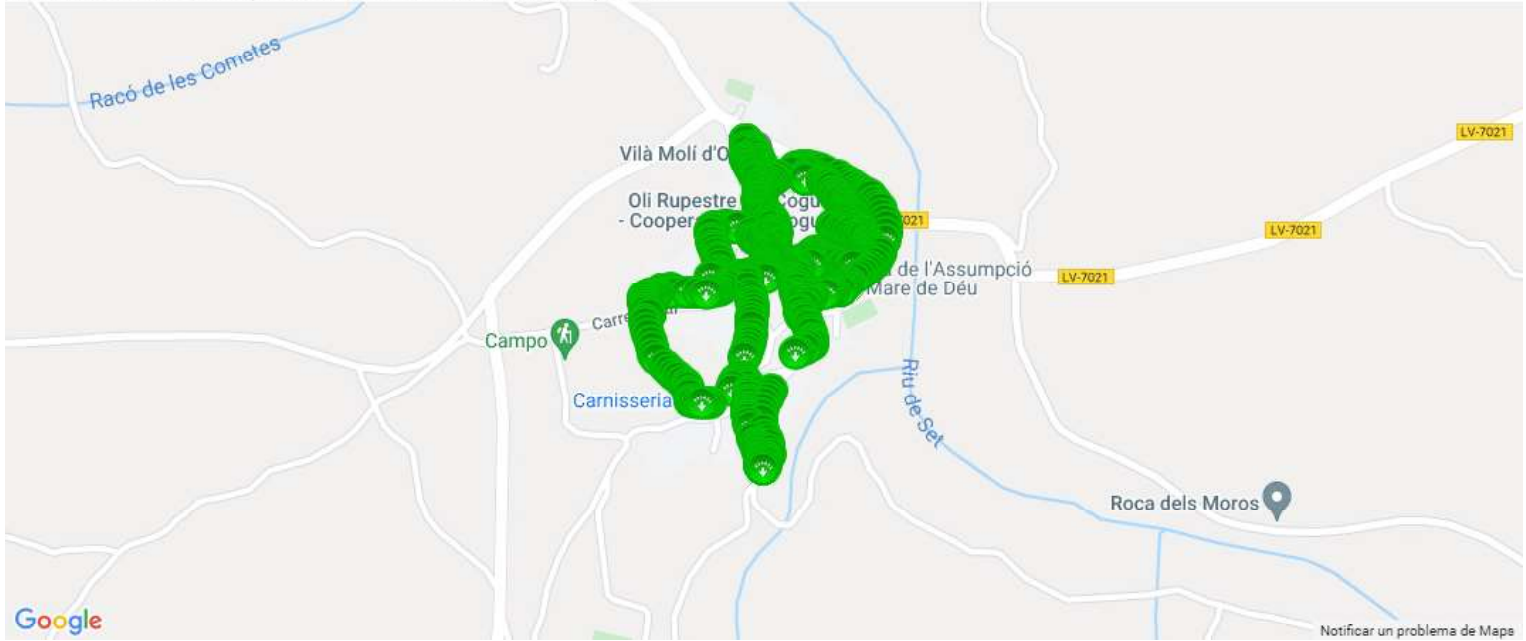
OperatorName	21407_Movistar
Test phone Model/Models	Samsung SM-A226B
Report Generation Time	Mar 17, 2022 8:59:39 AM
Test StartTime	Mar 16, 2022 10:44:40 AM
Test EndTime	Mar 16, 2022 11:08:06 AM
Download Speed Test	Yes

# Download speed test report

Download speed test view for 21407\_Movistar



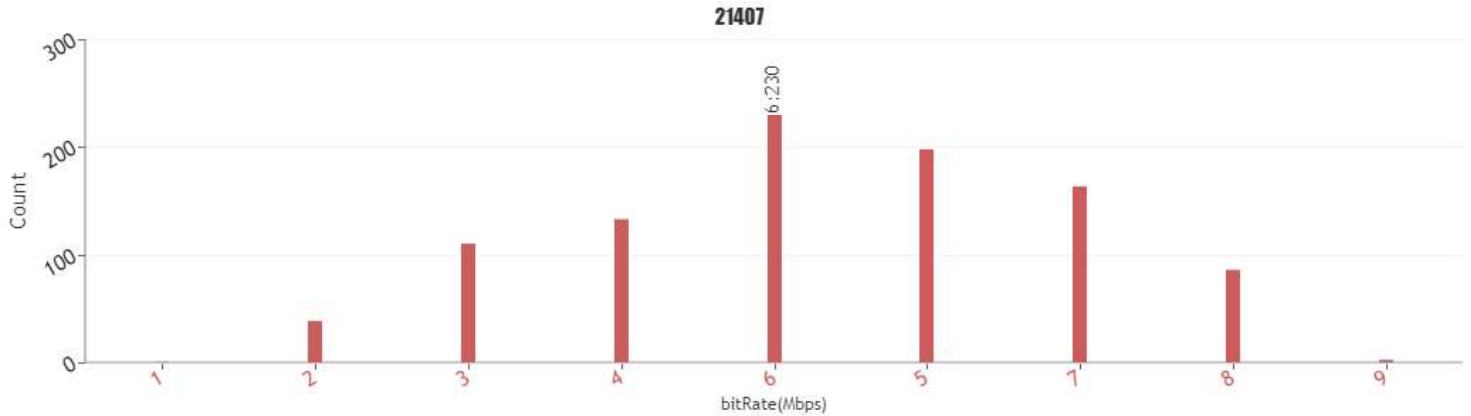
MOVISTAR SERVEI DE DADES, MAPA DE VELOCITATS DE DESCÀRREGA, COGUL



Download test KPI statistics per mobile operator for 21407\_Movistar

Operators	21407
above 1.2Mbps	100.0000 % (count : 968)
0.4Mbps - 1.2Mbps	0 % (count : 0)
0Mbps - 0.4Mbps	0 % (count : 0)
Average (mbps)	5.35
Peak Speed (mbps)	8.68
Lowest Recorded (mbps)	1.36
Total Geo samples	968

Download test distribution chart per mobile operators for 21407\_Movistar



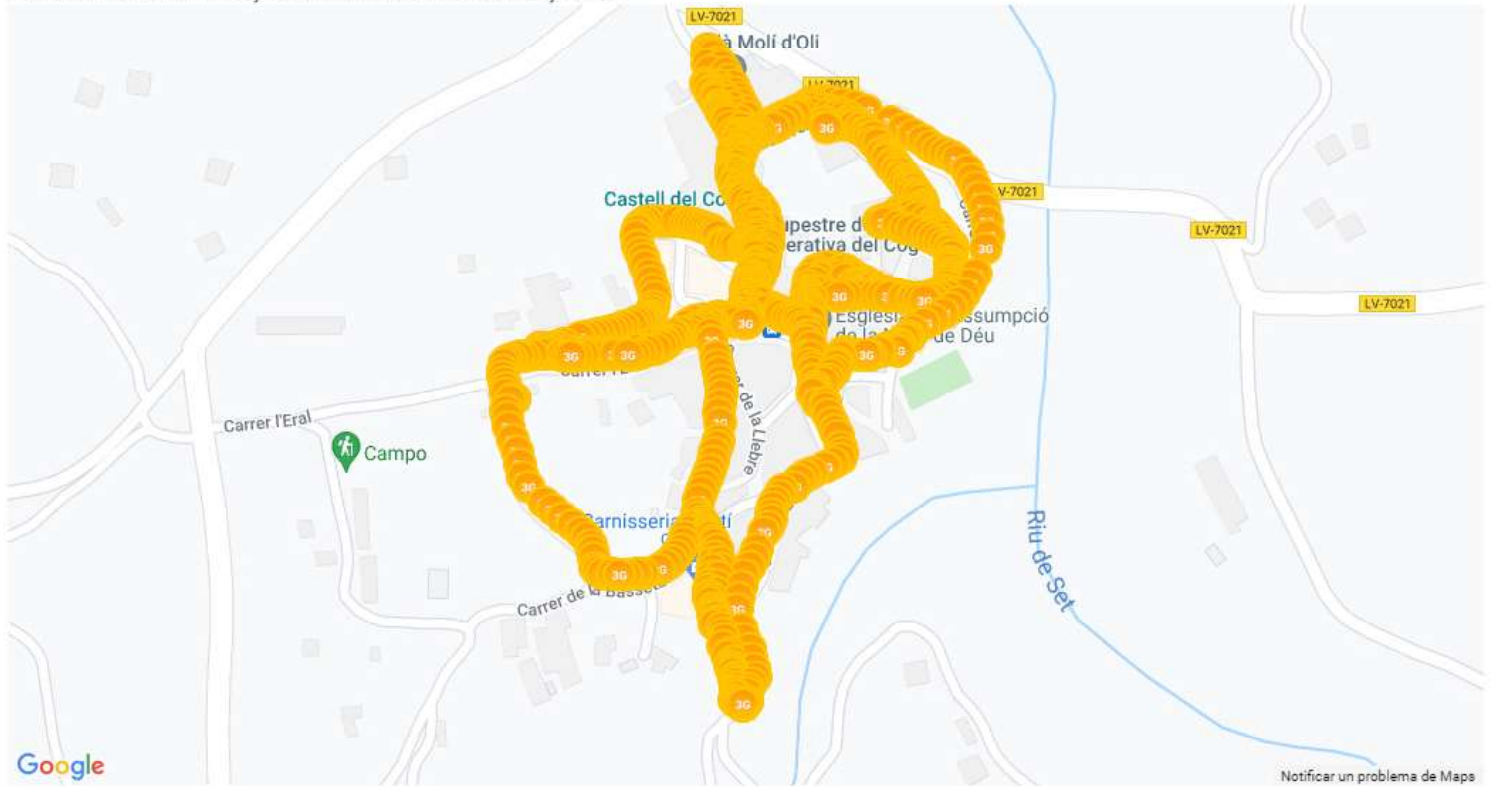
# User perceived mobile network coverage during tests



mobile network coverage during tests for operators 21407\_Movistar



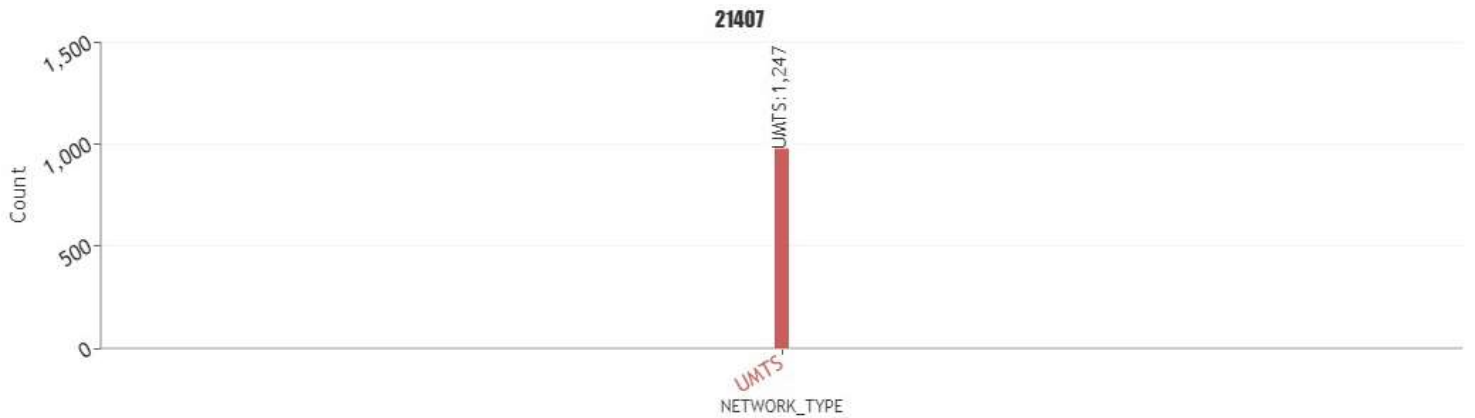
MOVISTAR SERVEI DE DADES, ACCÉS A XARXES DE L'OPERADOR, COGUL



RAN technology statistics per mobile network operator for 21407\_Movistar

Network Type	21407
5G	0.0000%
4G	0.0000%
3G	100.0000%
2G	0.0000%
CDMA	0.0000%
NONNETWORK	0.0000%
Total Geo samples	1247

RAN technology distribution chart per mobile network operator for 21407\_Movistar



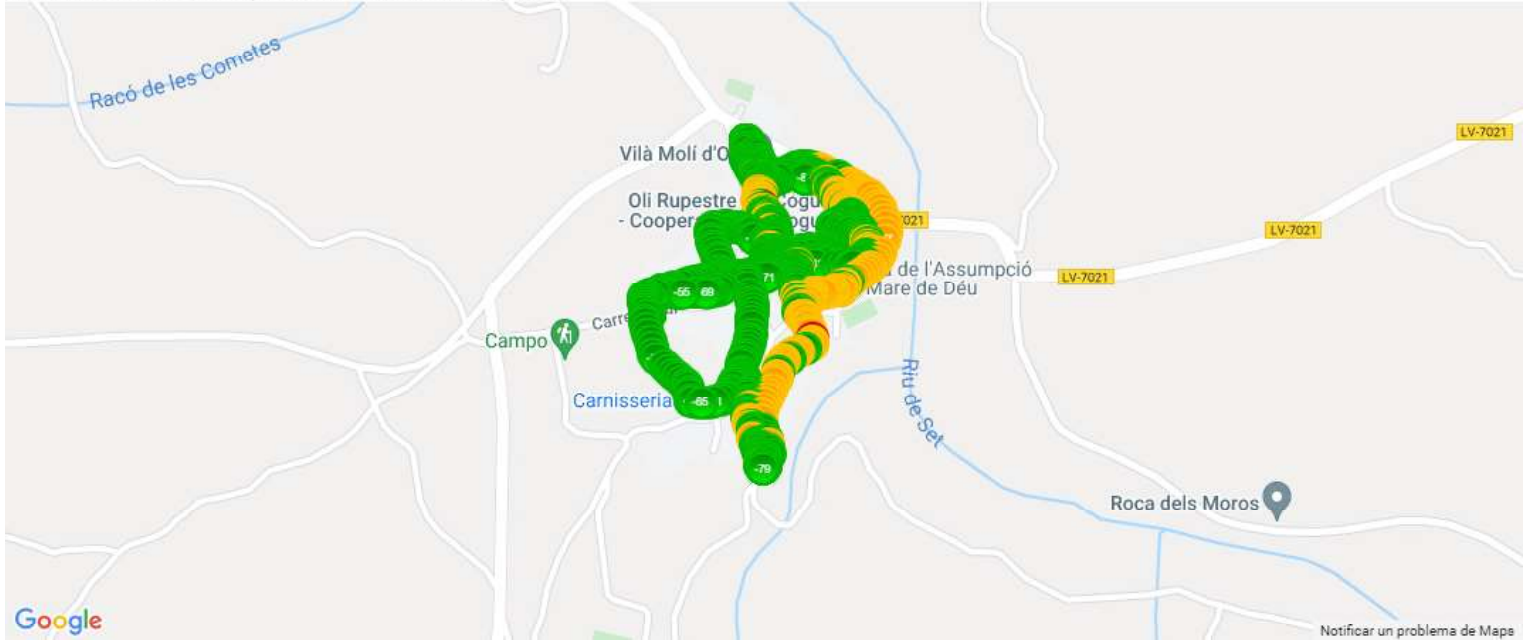


# RSSI view



RSSI KPI statistics per mobile operator for operator 21407\_Movistar

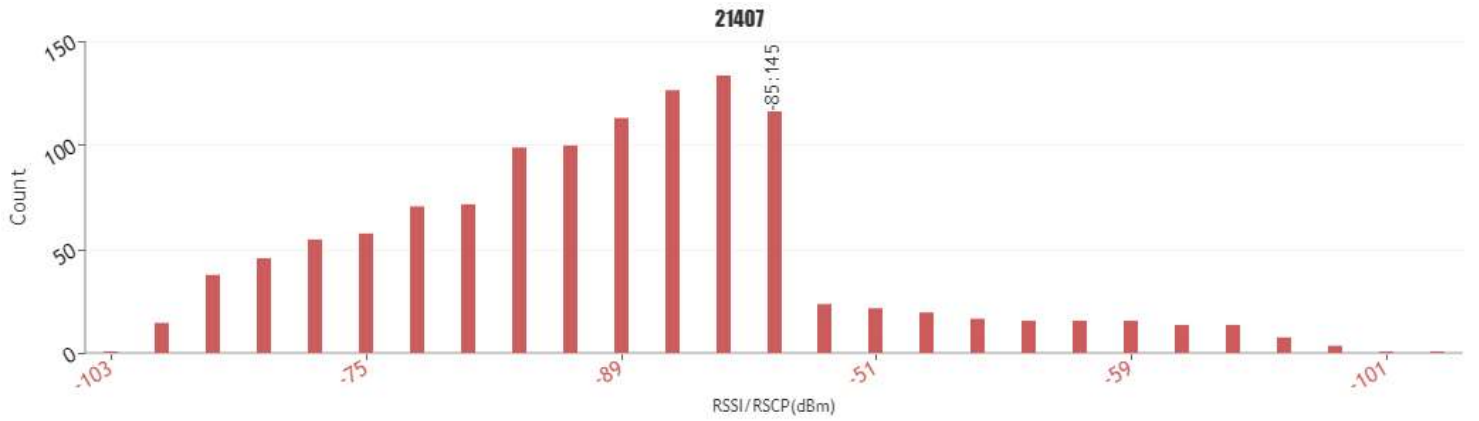
MOVISTAR SERVEI DE DADES, MAPA DE NIVELL DE SENYAL, COGUL



RSSI KPI statistics per mobile operator for 21407\_Movistar

Operators	21407
>= -89dBm	80.3528 % (count : 1002)
B/w -99dBm to -90dBm	19.4868 % (count : 243)
B/w -112dBm to -100dBm	0.1604 % (count : 2)
<= -113dBm	0 % (count : 0)
Total Geo samples	1247

RSSI distribution chart per mobile operator for 21407\_Movistar



# RantCell User QoE test report

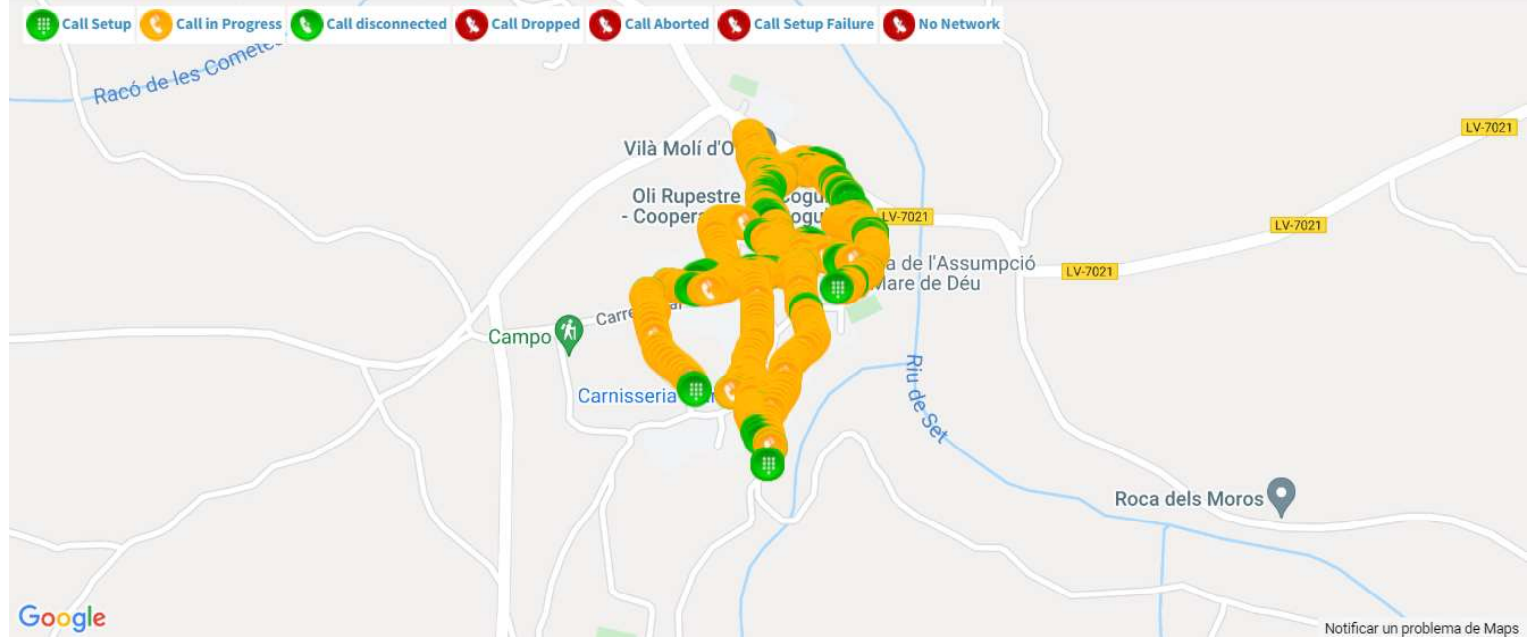


OperatorName	21401_vodafone ES
Test phone Model/Models	Samsung SM-A226B
Report Generation Time	Mar 17, 2022 11:12:48 AM
Test StartTime	Mar 16, 2022 10:43:57 AM
Test EndTime	Mar 16, 2022 11:08:05 AM
Voice Call Test	Yes

## Voice call test report

Call test view of mobile operators for 21401\_vodafone ES

### VODAFONE SERVEI DE VEU, MAPA DE TRUCADES, COGUL



Call test KPI statistics per mobile operator for 21401\_vodafone ES

Operators	21401
Total Calls Success	24
Total Calls Attempted	25
Total Calls Failed	1
Dropped Calls	1
Aborted Calls	0
CallSetup Failed	0
No Network	0
Attempted Voice call on 2G	0
Attempted Voice call on 3G	25

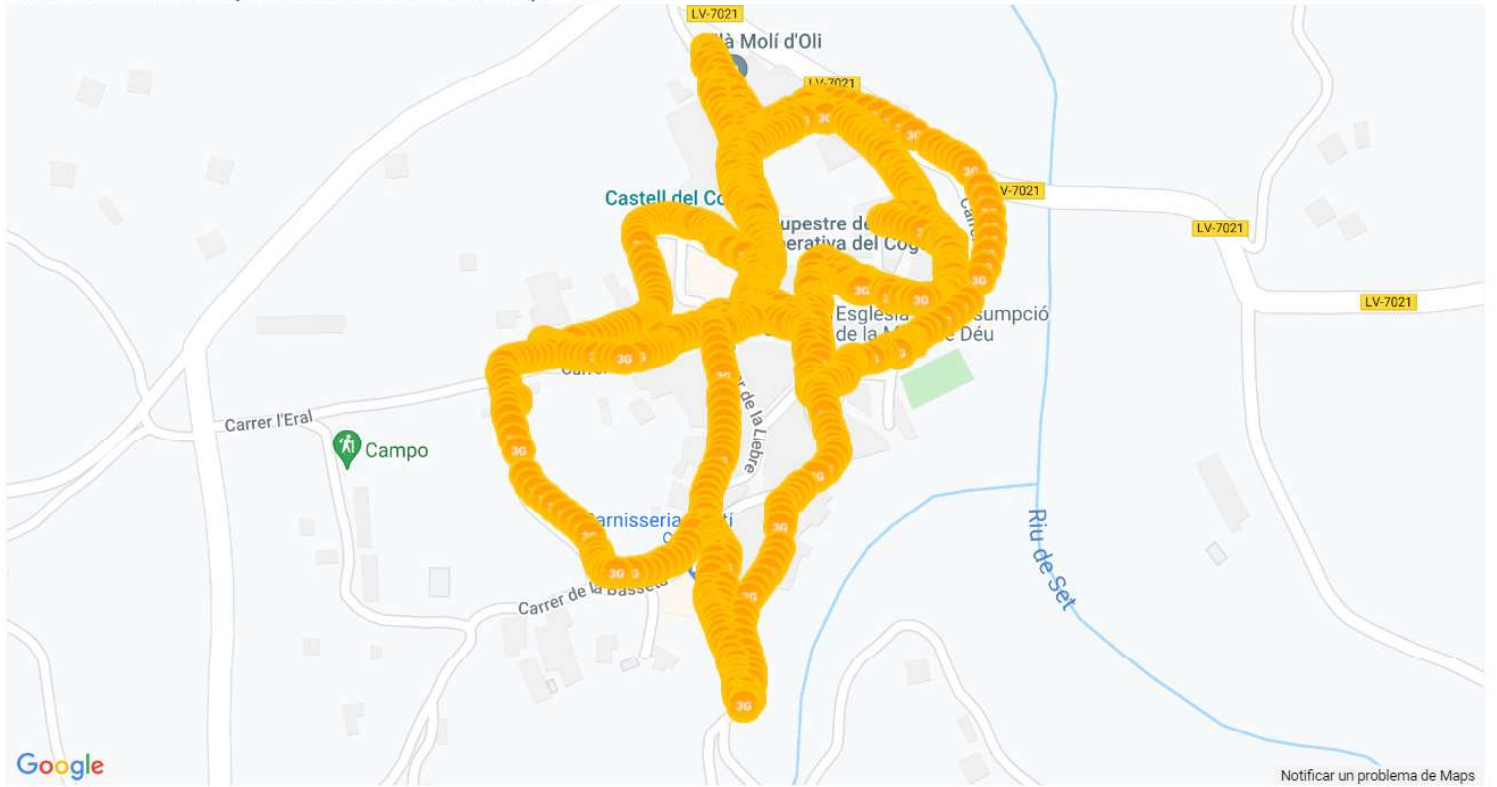
# User perceived mobile network coverage during tests



mobile network coverage during tests for operators 21401\_vodafone ES



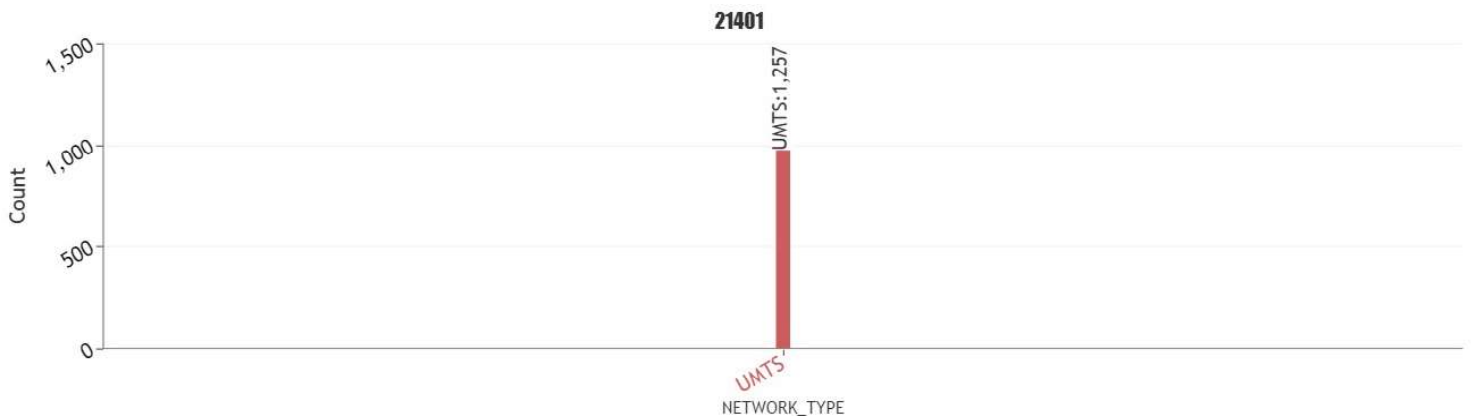
VODAFONE SERVEI DE VEU, ACCÉS A XARXES DE L'OPERADOR, COGUL



## RAN technology statistics per mobile network operator for 21401\_vodafone ES

Network Type	21401
5G	0.0000%
4G	0.0000%
3G	100.0000%
2G	0.0000%
CDMA	0.0000%
NONNETWORK	0.0000%
Total Geo samples	1257

## RAN technology distribution chart per mobile network operator for 21401\_vodafone ES

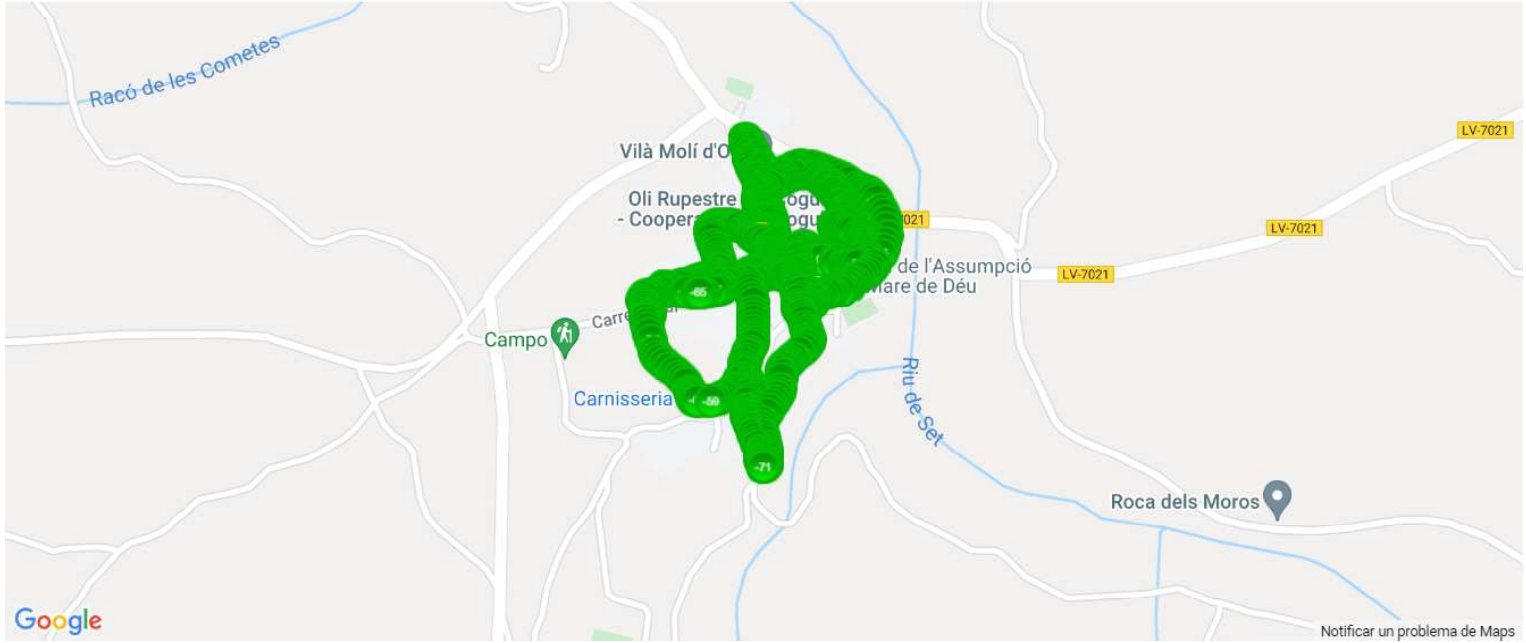


# RSSI view



RSSI KPI statistics per mobile operator for operator 21401\_vodafone ES

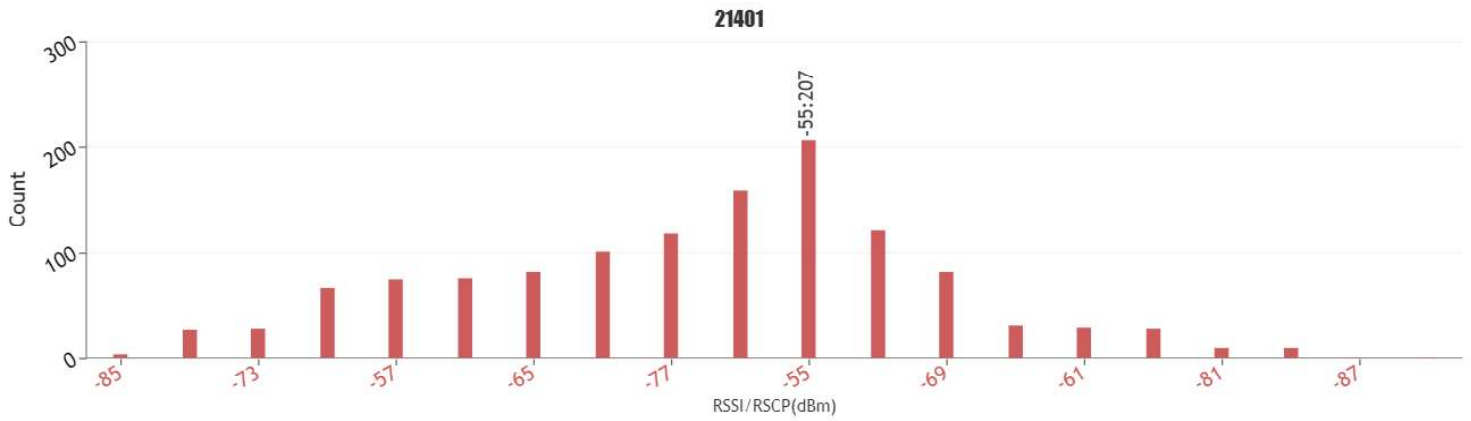
VODAFONE SERVEI DE VEU, MAPA DE NIVELL DE SENYAL, COGUL



RSSI KPI statistics per mobile operator for 21401\_vodafone ES

Operators	21401
<b>&gt;= -89dBm</b>	99.9204 % (count : 1256)
<b>B/w -99dBm to -90dBm</b>	0.0796 % (count : 1)
<b>B/w -112dBm to -100dBm</b>	0 % (count : 0)
<b>&lt;= -113dBm</b>	0 % (count : 0)
Total Geo samples	1257

RSSI distribution chart per mobile operator for 21401\_vodafone ES



# RantCell User QoE test report



OperatorName	21401_vodafone ES
Test phone Model/Models	Samsung SM-A226B
Report Generation Time	Mar 21, 2022 8:51:15 AM
Test StartTime	Mar 18, 2022 1:43:44 PM
Test EndTime	Mar 18, 2022 1:58:28 PM
Download Speed Test	Yes

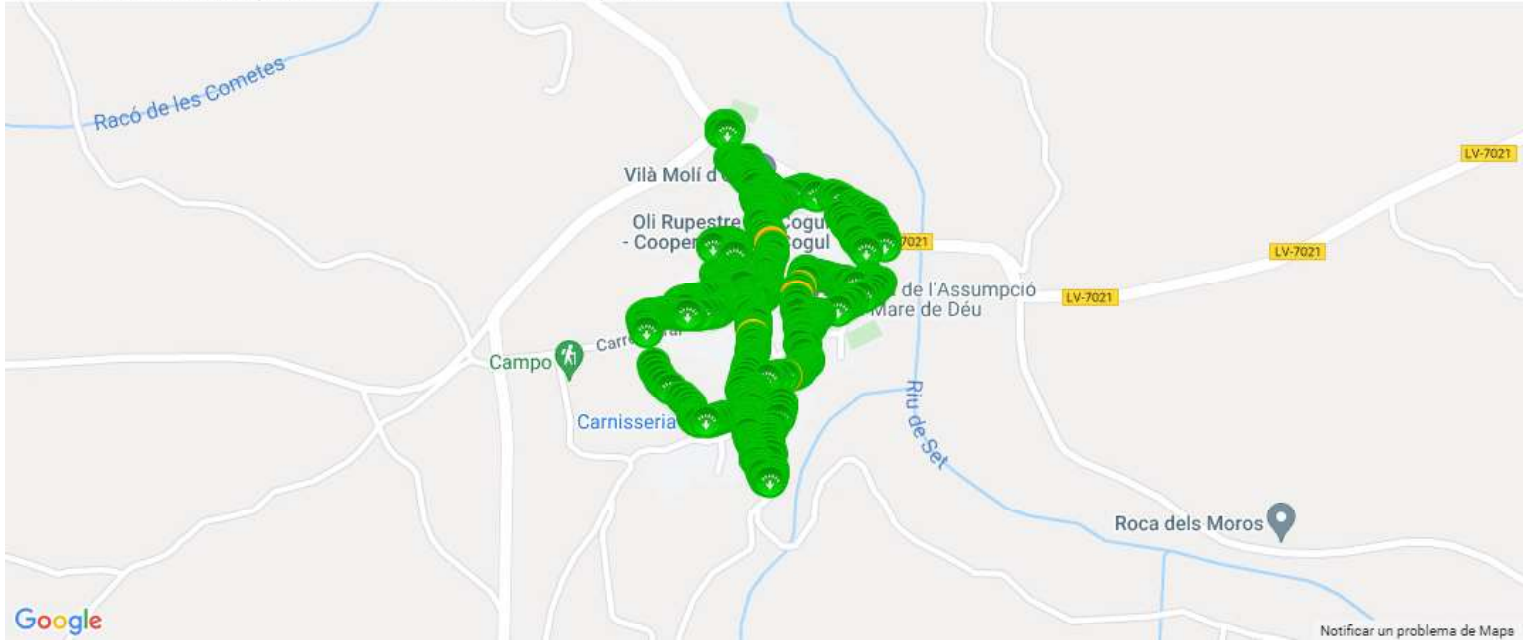


## Download speed test report

Download speed test view for 21401\_vodafone ES



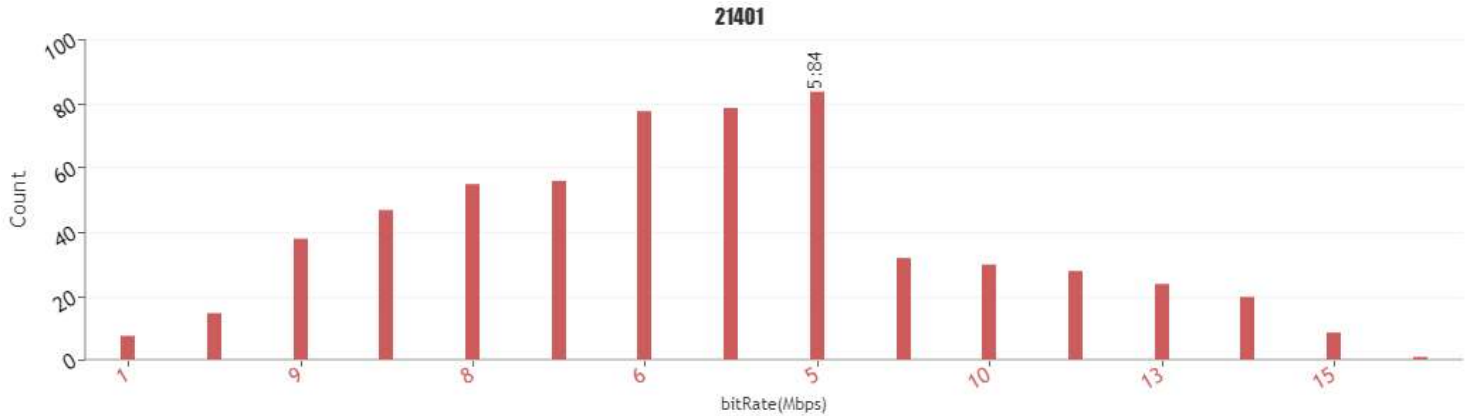
### VODAFONE SERVEI DE DADES, MAPA DE VELOCITATS DE DESCÀRREGA, COGUL



### Download test KPI statistics per mobile operator for 21401\_vodafone ES

Operators	21401
above 1.2Mbps	99.1722 % (count : 599)
0.4Mbps - 1.2Mbps	0.8278 % (count : 5)
0Mbps - 0.4Mbps	0 % (count : 0)
Average (mbps)	7.12
Peak Speed (mbps)	15.7
Lowest Recorded (mbps)	0.53
Total Geo samples	604

### Download test distribution chart per mobile operators for 21401\_vodafone ES



# User perceived mobile network coverage during tests



mobile network coverage during tests for operators 21401\_vodafone ES



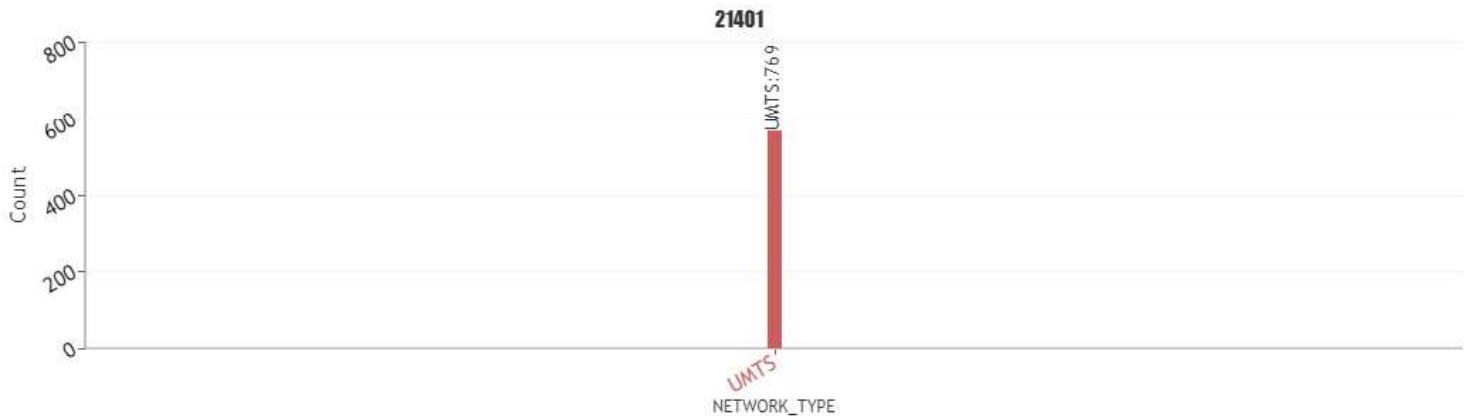
VODAFONE SERVEI DE DADES, ACCÉS A XARXES DE L'OPERADOR, COGUL



## RAN technology statistics per mobile network operator for 21401\_vodafone ES

Network Type	21401
5G	0.0000%
4G	0.0000%
3G	100.0000%
2G	0.0000%
CDMA	0.0000%
NONNETWORK	0.0000%
Total Geo samples	769

## RAN technology distribution chart per mobile network operator for 21401\_vodafone ES



## RSSI view



RSSI KPI statistics per mobile operator for operator 21401\_vodafone ES

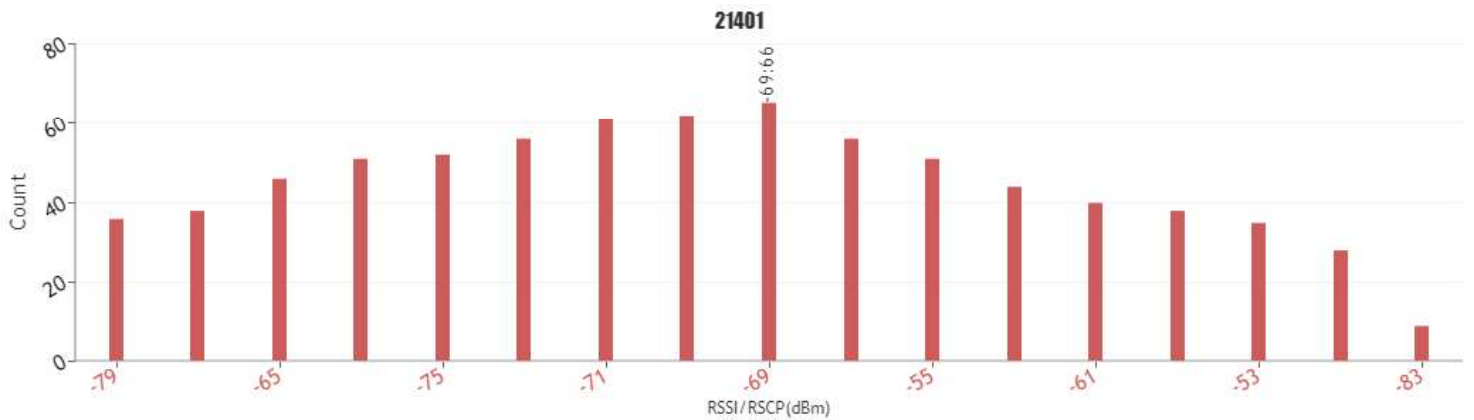
VODAFONE SERVEI DE DADES, MAPA DE NIVELL DE SENYAL, COGUL



RSSI KPI statistics per mobile operator for 21401\_vodafone ES

Operators	21401
>= -89dBm	100.0000 % (count : 769)
B/w -99dBm to -90dBm	0 % (count : 0)
B/w -112dBm to -100dBm	0 % (count : 0)
<= -113dBm	0 % (count : 0)
Total Geo samples	769

RSSI distribution chart per mobile operator for 21401\_vodafone ES



# RantCell User QoE test report

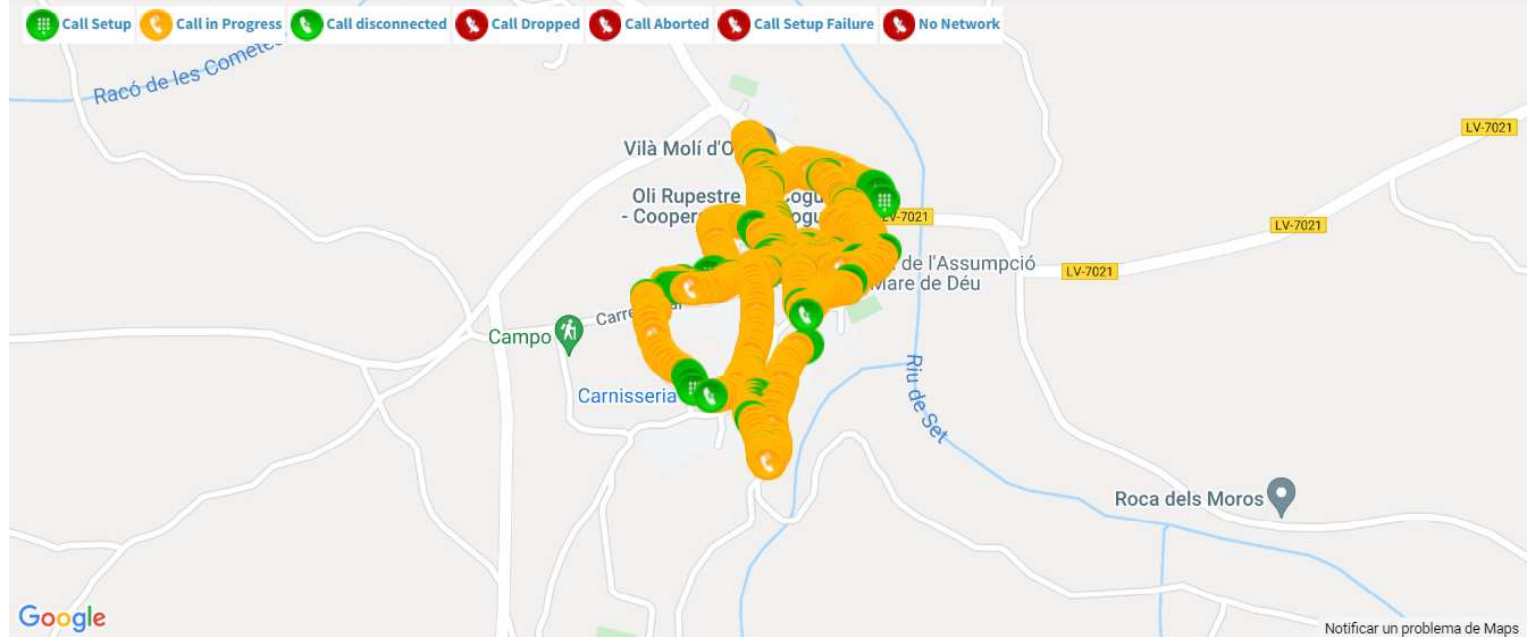


OperatorName	21403_Orange
Test phone Model/Models	Samsung SM-A226B
Report Generation Time	Mar 17, 2022 10:35:41 AM
Test StartTime	Mar 16, 2022 10:44:08 AM
Test EndTime	Mar 16, 2022 11:08:10 AM
Voice Call Test	Yes

## Voice call test report

Call test view of mobile operators for 21403\_Orange

### ORANGE SERVEI DE VEU, MAPA DE TRUCADES, COGUL



Call test KPI statistics per mobile operator for 21403\_Orange

Operators	21403
Total Calls Success	30
Total Calls Attempted	31
Total Calls Failed	1
Dropped Calls	1
Aborted Calls	0
CallSetup Failed	0
No Network	0
Attempted Voice call on 2G	0
Attempted Voice call on 3G	17

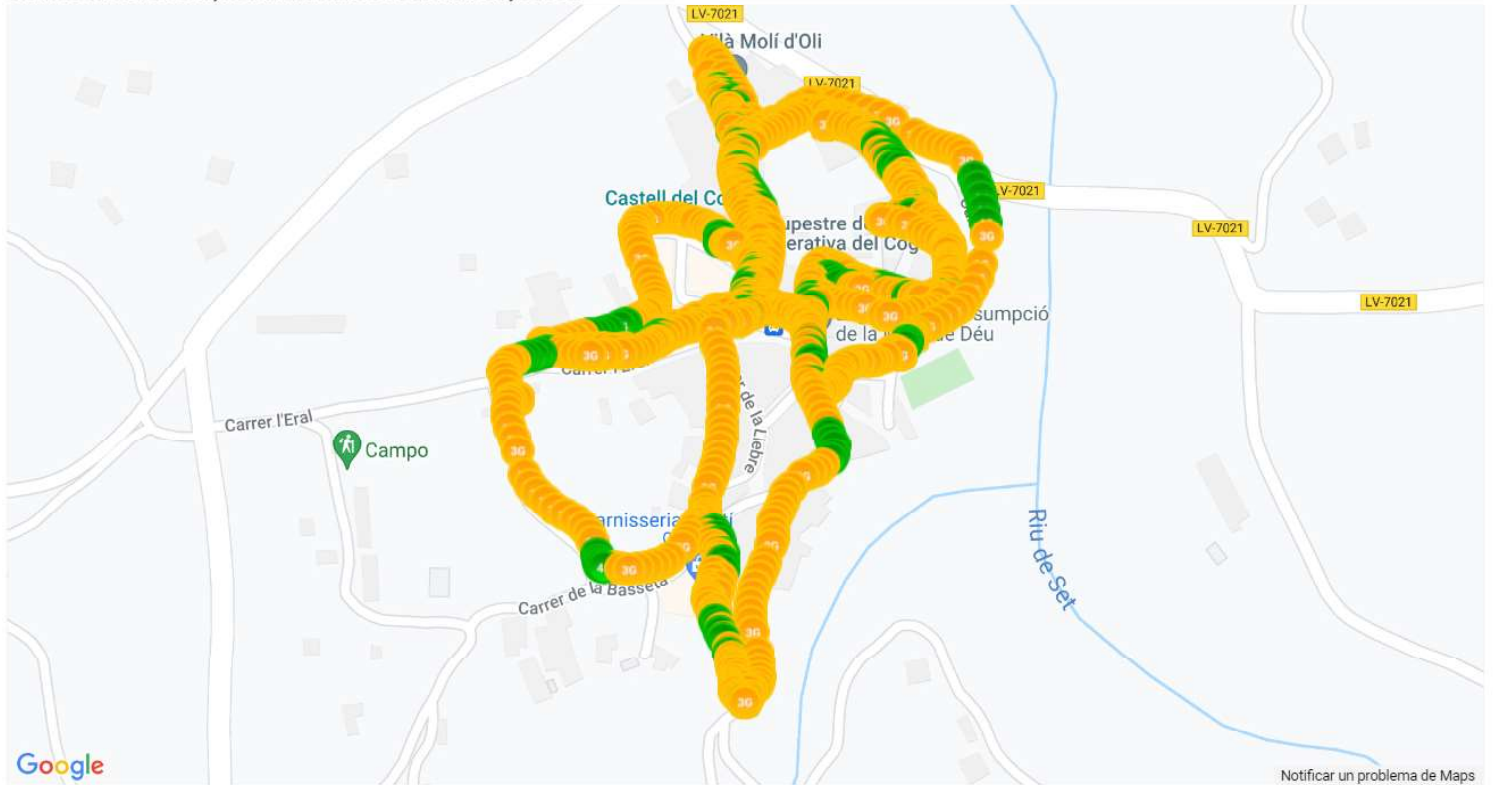
## User perceived mobile network coverage during tests



mobile network coverage during tests for operators 21403\_Orange



ORANGE SERVEI DE VEU, ACCÉS A XARXES DE L'OPERADOR, COGUL



## RAN technology statistics per mobile network operator for 21403\_Orange

Network Type	21403
5G	0.0000%
4G	12.3908%
3G	87.6092%
2G	0.0000%
CDMA	0.0000%
NONNETWORK	0.0000%
Total Geo samples	1259

## RAN technology distribution chart per mobile network operator for 21403\_Orange



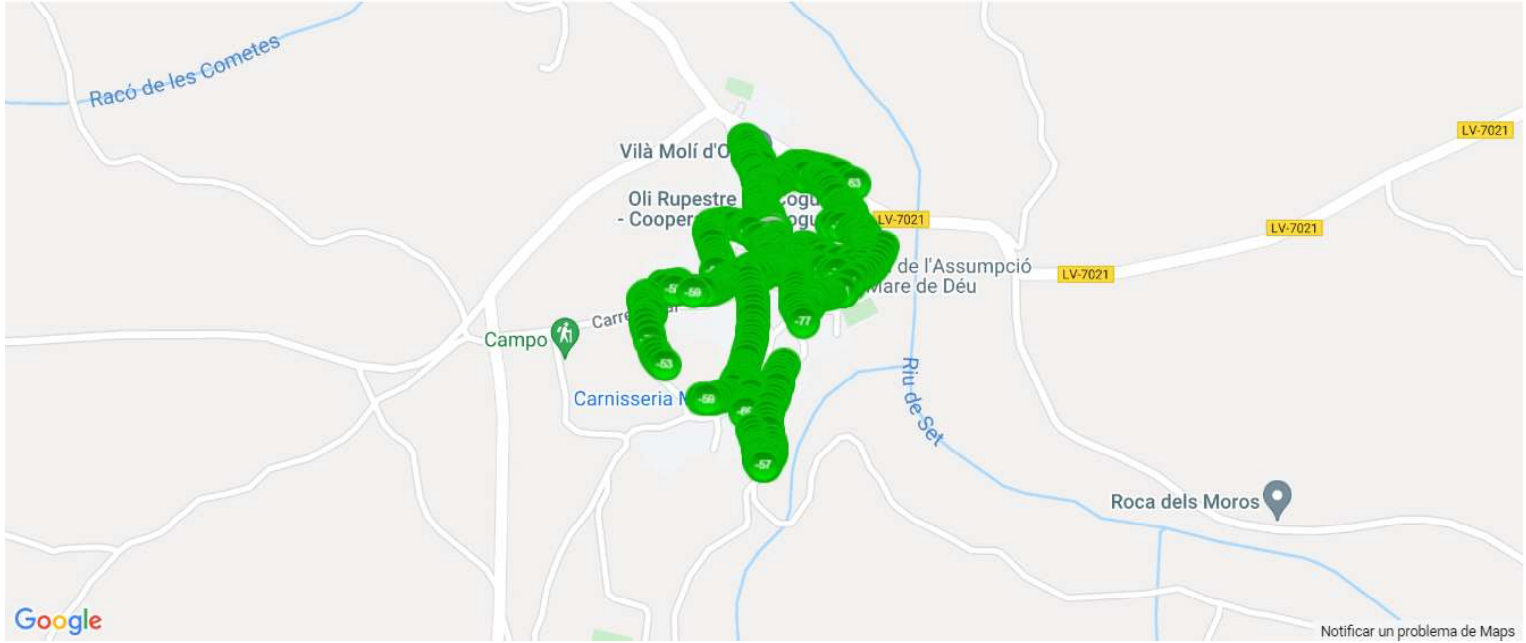


# RSSI view



RSSI KPI statistics per mobile operator for operator 21403\_Orange

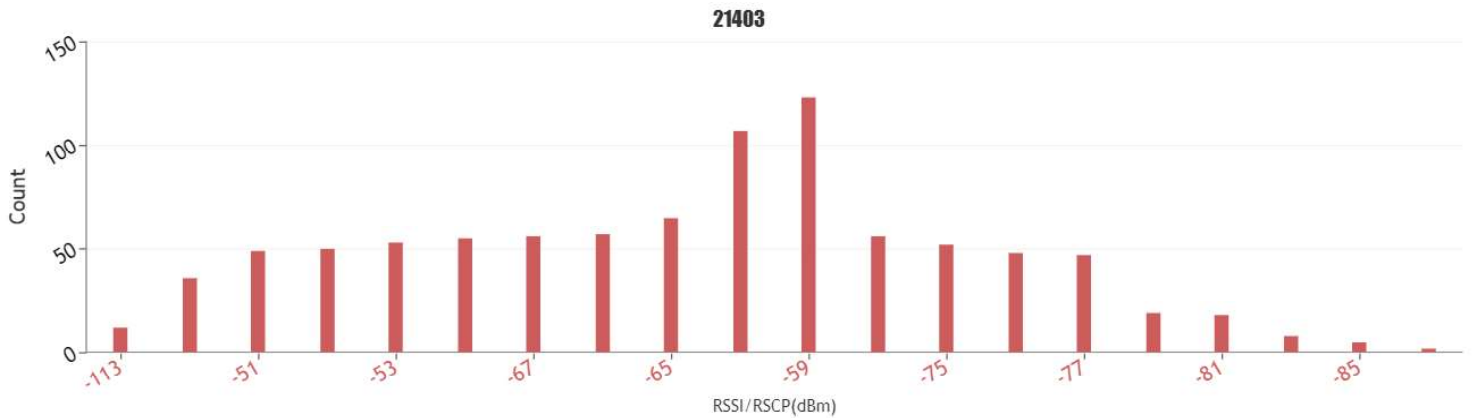
ORANGE SERVEI DE VEU, MAPA DE NIVELL DE SENYAL, COGUL



RSSI KPI statistics per mobile operator for 21403\_Orange

Operators	21403
<b>&gt;= -89dBm</b>	98.6928 % (count : 906)
<b>B/w -99dBm to -90dBm</b>	0 % (count : 0)
<b>B/w -112dBm to -100dBm</b>	0 % (count : 0)
<b>&lt; -113dBm</b>	1.3072 % (count : 12)
Total Geo samples	918

RSSI distribution chart per mobile operator for 21403\_Orange



# RantCell User QoE test report



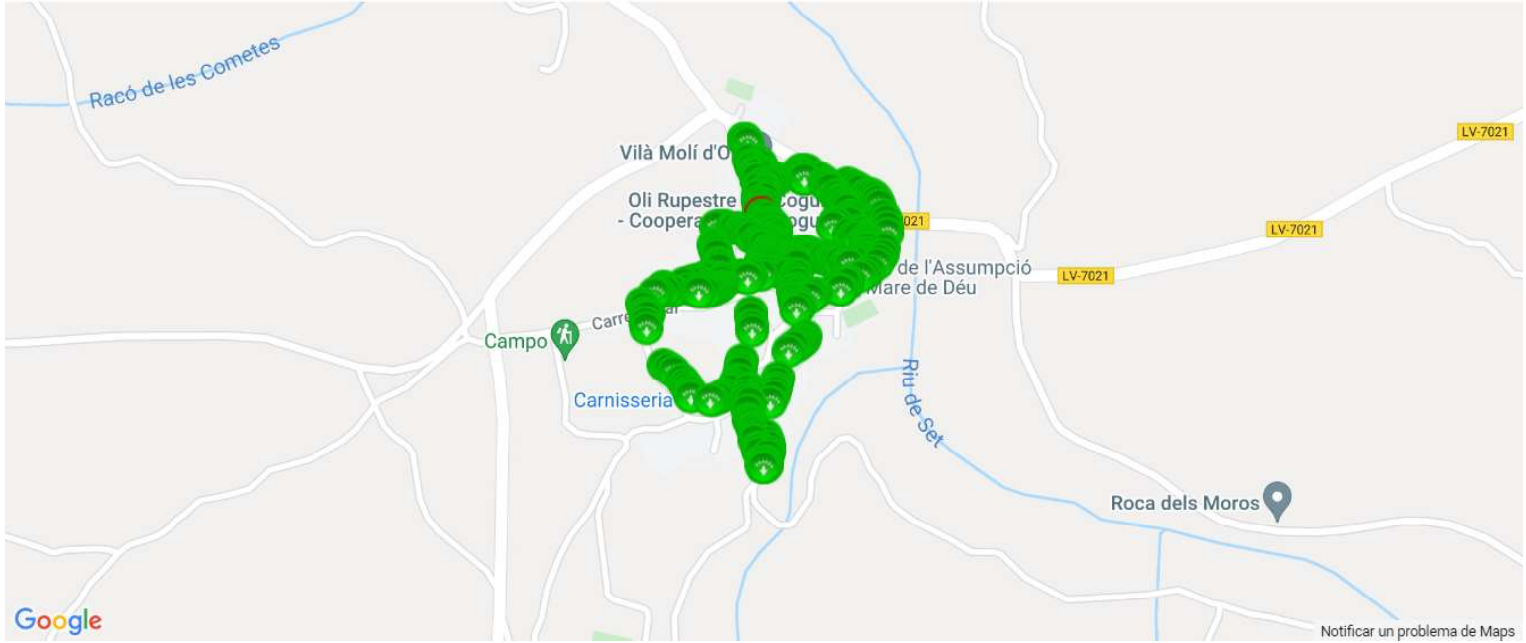
OperatorName	21403_Orange
Test phone Model/Models	Samsung SM-A226B
Report Generation Time	Mar 17, 2022 10:47:10 AM
Test StartTime	Mar 16, 2022 10:45:01 AM
Test EndTime	Mar 16, 2022 11:08:12 AM
Download Speed Test	Yes

# Download speed test report

Download speed test view for 21403\_Orange



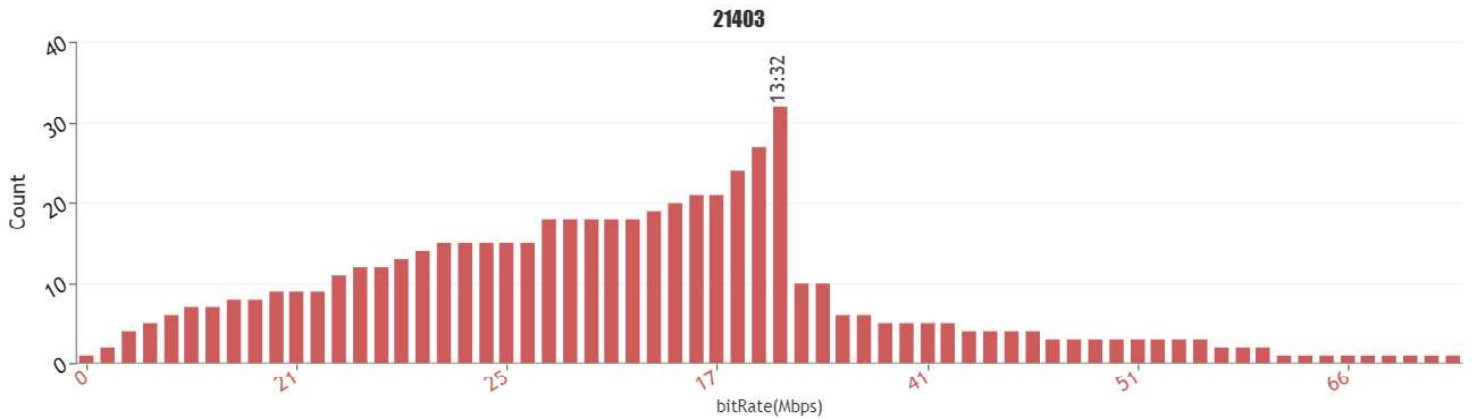
ORANGE SERVEI DE DADES, MAPA DE VELOCITATS DE DESCÀRREGA, COGUL



Download test KPI statistics per mobile operator for 21403\_Orange

Operators	21403
above 1.2Mbps	99.8255 % (count : 572)
0.4Mbps - 1.2Mbps	0 % (count : 0)
0Mbps - 0.4Mbps	0.1745 % (count : 1)
Average (mbps)	22.71
Peak Speed (mbps)	72.55
Lowest Recorded (mbps)	0
Total Geo samples	573

Download test distribution chart per mobile operators for 21403\_Orange



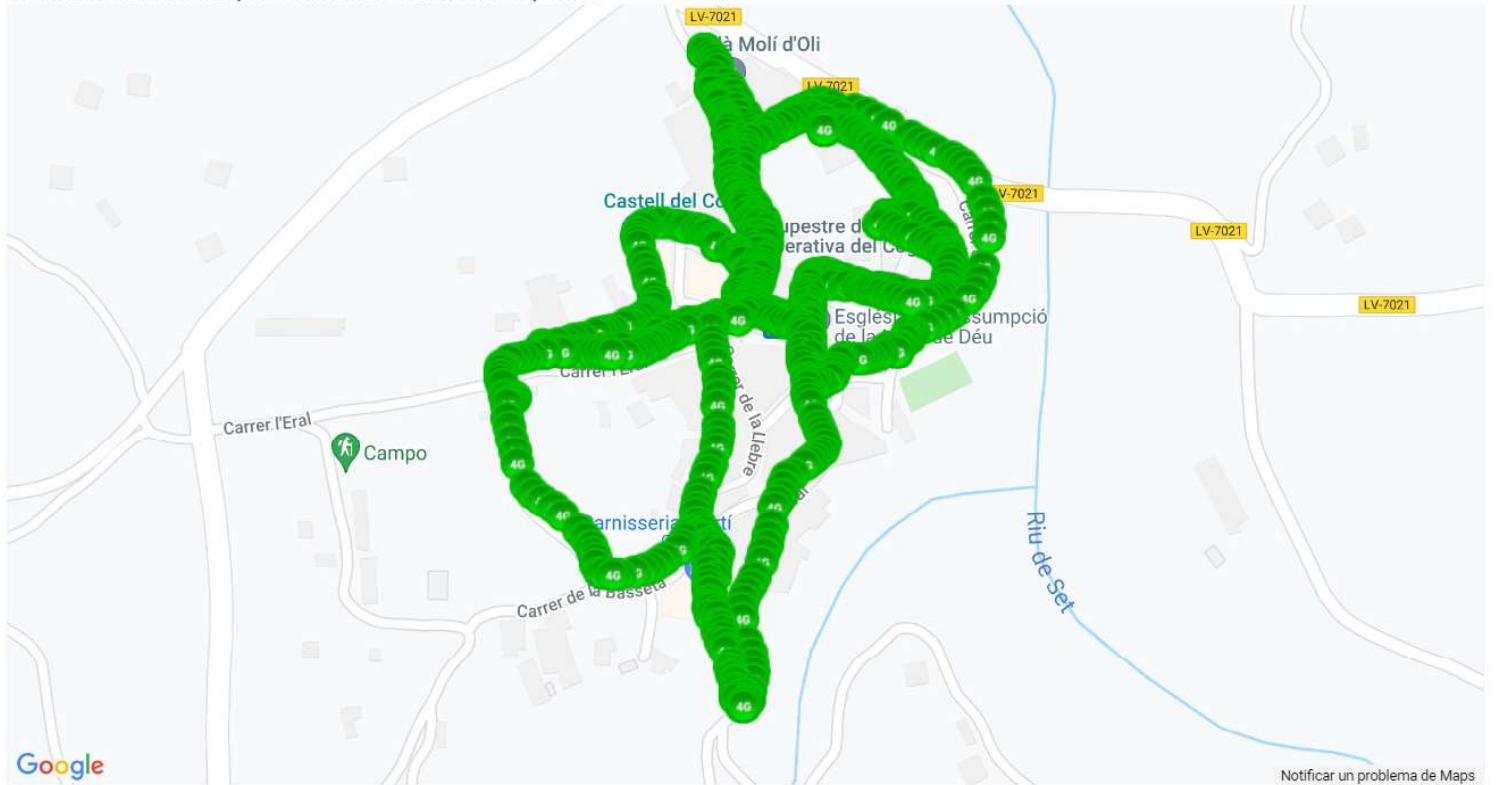
## User perceived mobile network coverage during tests



mobile network coverage during tests for operators 21403\_Orange



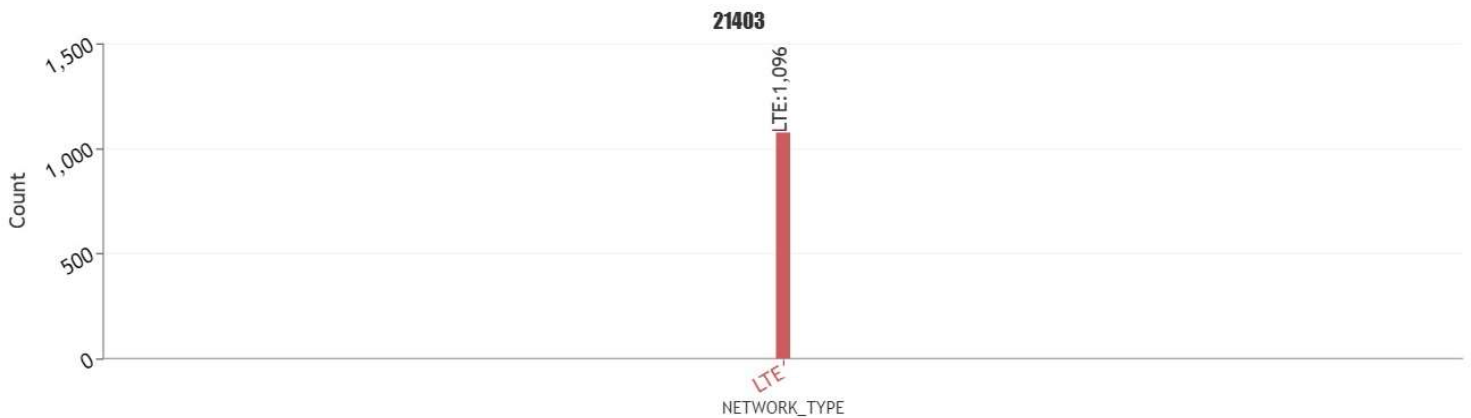
ORANGE SERVEI DE DADES, ACCÉS A XARXES DE L'OPERADOR, COGUL



## RAN technology statistics per mobile network operator for 21403\_Orange

Network Type	21403
5G	0.0000%
4G	100.0000%
3G	0.0000%
2G	0.0000%
CDMA	0.0000%
NONNETWORK	0.0000%
Total Geo samples	1096

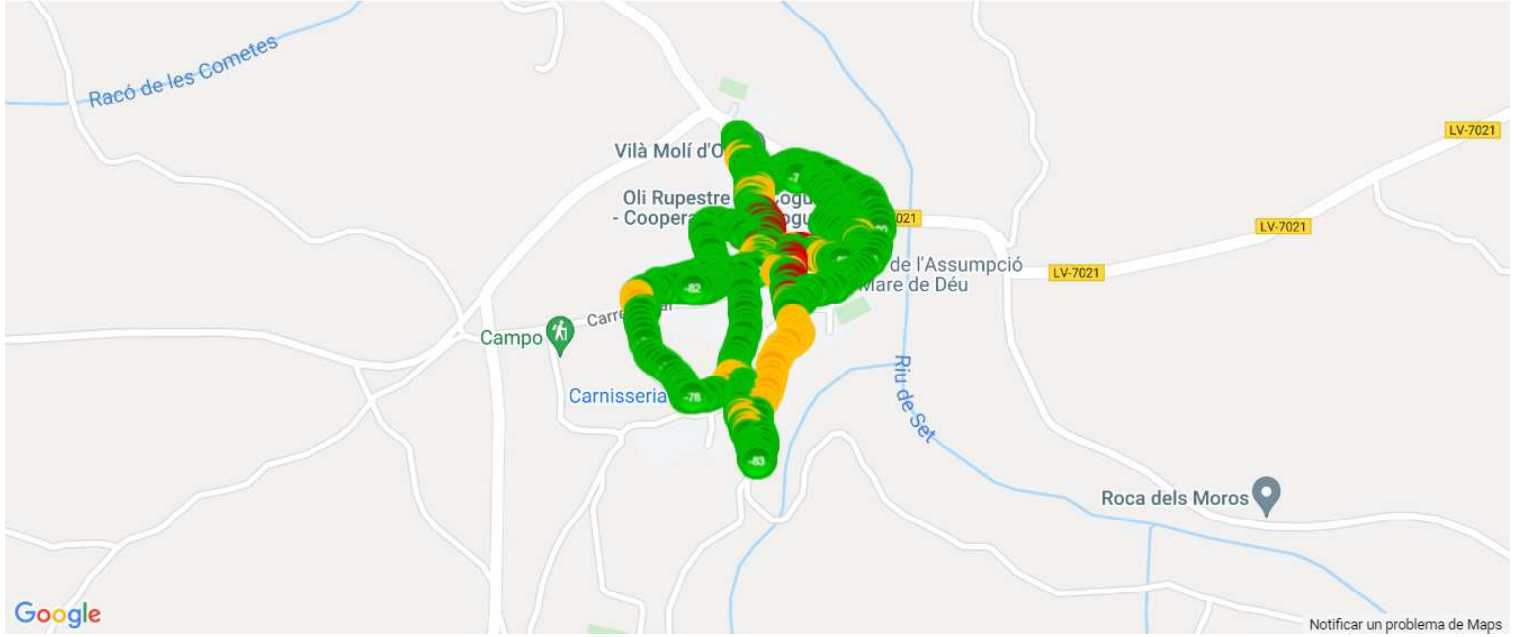
## RAN technology distribution chart per mobile network operator for 21403\_Orange



## RSRP view

RSRP KPI statistics per mobile operator for operator 21403\_Orange

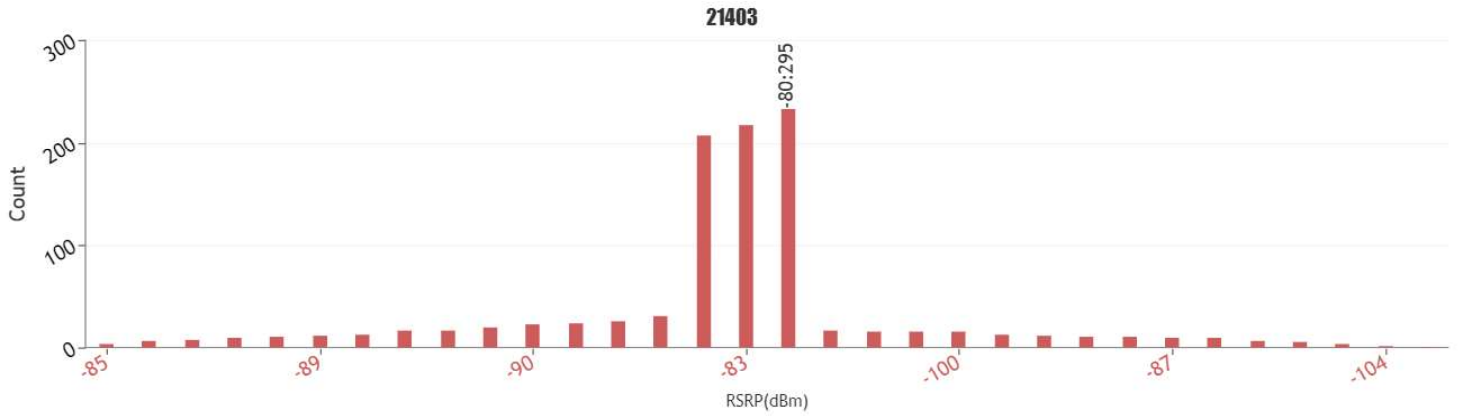
ORANGE SERVEI DE DADES, MAPA DE NIVELL DE SENYAL, COGUL



RSRP KPI statistics per mobile operator for 21403\_Orange

Operators	21403
<b>&gt;= to -89dBm</b>	83.2117 % (count : 912)
<b>B/w -99dBm to -90dBm</b>	12.0438 % (count : 132)
<b>B/w -112dBm to -100dBm</b>	4.7445 % (count : 52)
<b>&lt;= -113dBm</b>	0 % (count : 0)
Total Geo samples	1096

RSRP distribution chart per mobile operator for 21403\_Orange



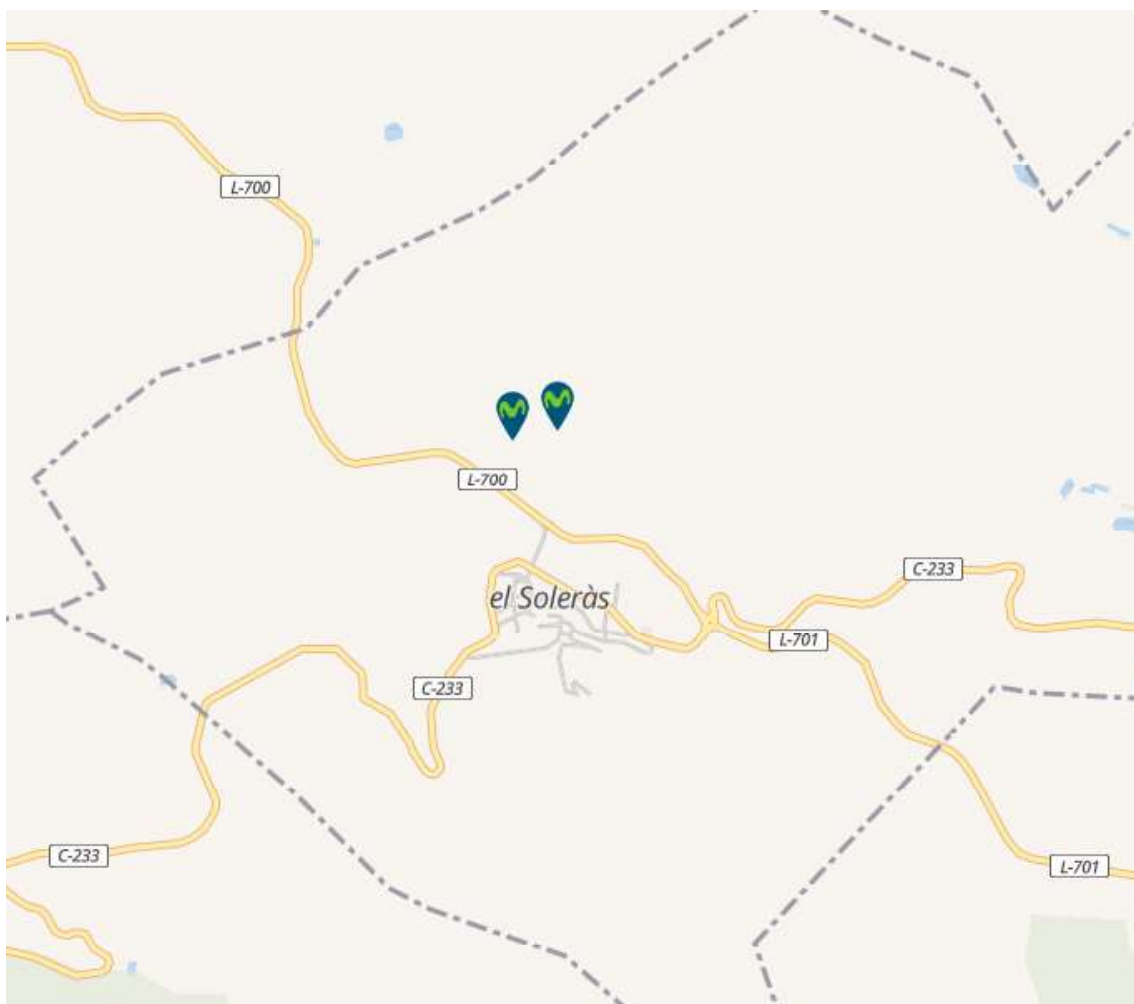
## EL SOLERÀS: RESUM MESURES

OPERADOR	SERVEI DE VEU	SERVEI DE DADES
MOVISTAR	CORRECTE (3G)	ACCEPTABLE (3G)
VODAFONE	NULA	NULA
ORANGE	NULA	NULA

Comentaris: No existeix cobertura de servei de veu o dades de Orange o Vodafone. Movistar té un servei de dades deficient al 20% del municipi (segons percentatge de velocitats inferiors a 1,2 Mbps).

Disposaran de fibra de Adamo.

Servei de Movistar en serra propera.







Soleràs



### TELEFONICA MOVILES ESPAÑA, S.A.U.

Estación: 2500412

Dirección: VP TERRENO MUNICIPAL LADO GRANJA. SOLERAS (EL), LLEIDA

Posición: 41.418419 lat / 0.680583 lng

Elevación: **Sólo PRO**

ID	BANDA	MODOS*
	935.10 - 949.90	<b>2G</b>

### TELEFONICA MOVILES ESPAÑA, S.A.U.

Estación: 2500849

Dirección: ZN Poligono 1 Parcela 411. SOLERÀS (EL), LLEIDA

Posición: 41.418686 lat / 0.682222 lng

Elevación: **Sólo PRO**

ID	BANDA	MODOS*
	935.10 - 949.90	<b>2G</b>
	935.10 - 949.90	<b>2G</b>

# RantCell User QoE test report



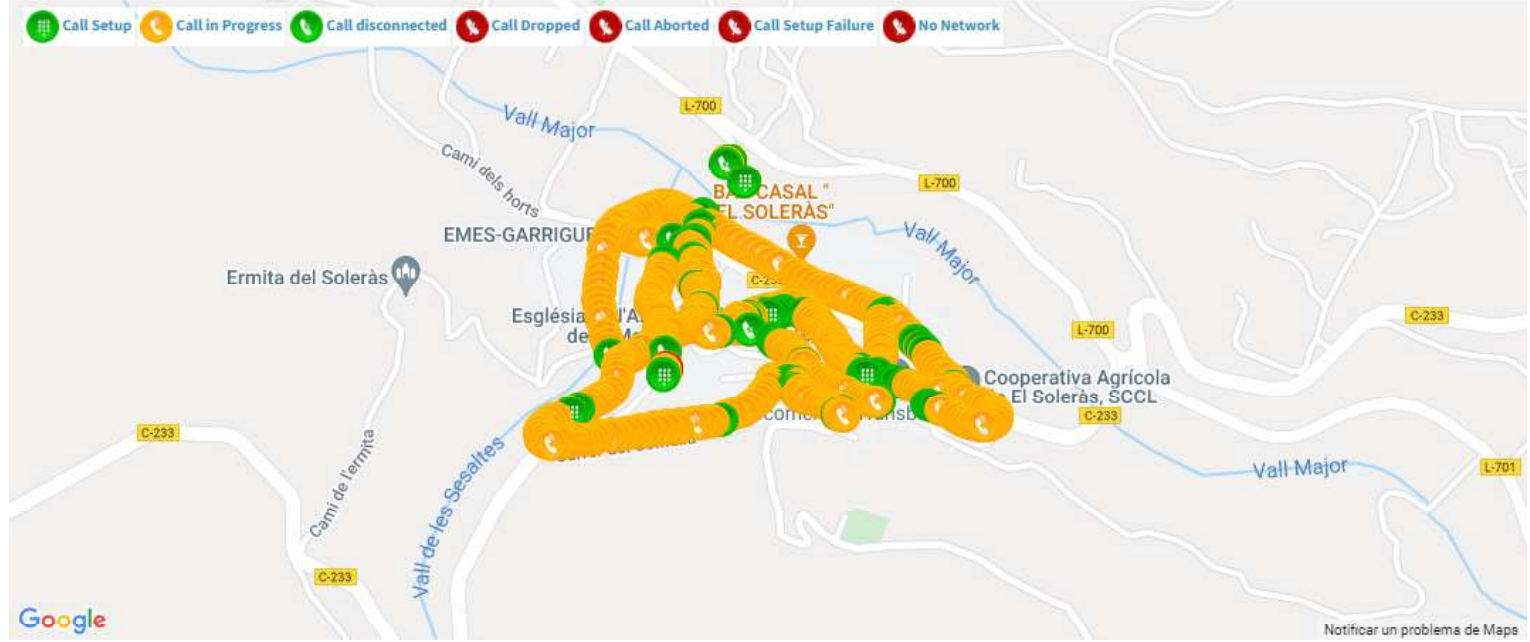
OperatorName	21407_Movistar
Test phone Model/Models	Samsung SM-A226B
Report Generation Time	Mar 21, 2022 9:40:48 AM
Test StartTime	Mar 16, 2022 11:48:04 AM
Test EndTime	Mar 16, 2022 12:06:47 PM
Voice Call Test	Yes

## Voice call test report

Call test view of mobile operators for 21407\_Movistar



### MOVISTAR SERVEI DE VEU, MAPA DE TRUCADES, EL SOLERÀS



Call test KPI statistics per mobile operator for 21407\_Movistar

Operators	21407
Total Calls Success	22
Total Calls Attempted	23
Total Calls Failed	1
Dropped Calls	1
Aborted Calls	0
CallSetup Failed	0
No Network	0
Attempted Voice call on 2G	0
Attempted Voice call on 3G	23

# User perceived mobile network coverage during tests



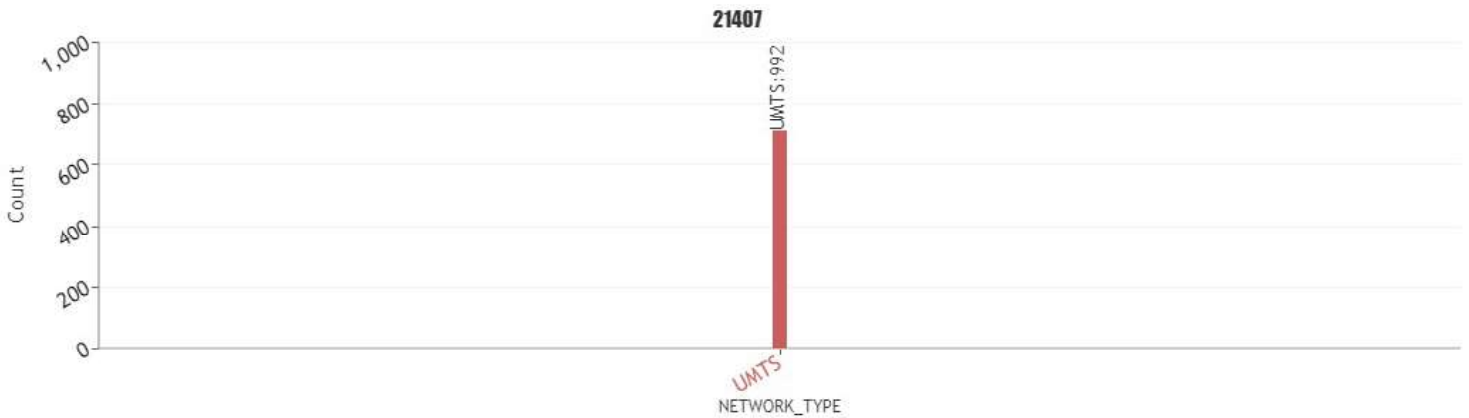
mobile network coverage during tests for operators 21407\_Movistar



RAN technology statistics per mobile network operator for 21407\_Movistar

Network Type	21407
5G	0.0000%
4G	0.0000%
3G	100.0000%
2G	0.0000%
CDMA	0.0000%
NONNETWORK	0.0000%
Total Geo samples	992

RAN technology distribution chart per mobile network operator for 21407\_Movistar



# RSSI view



RSSI KPI statistics per mobile operator for operator 21407\_Movistar

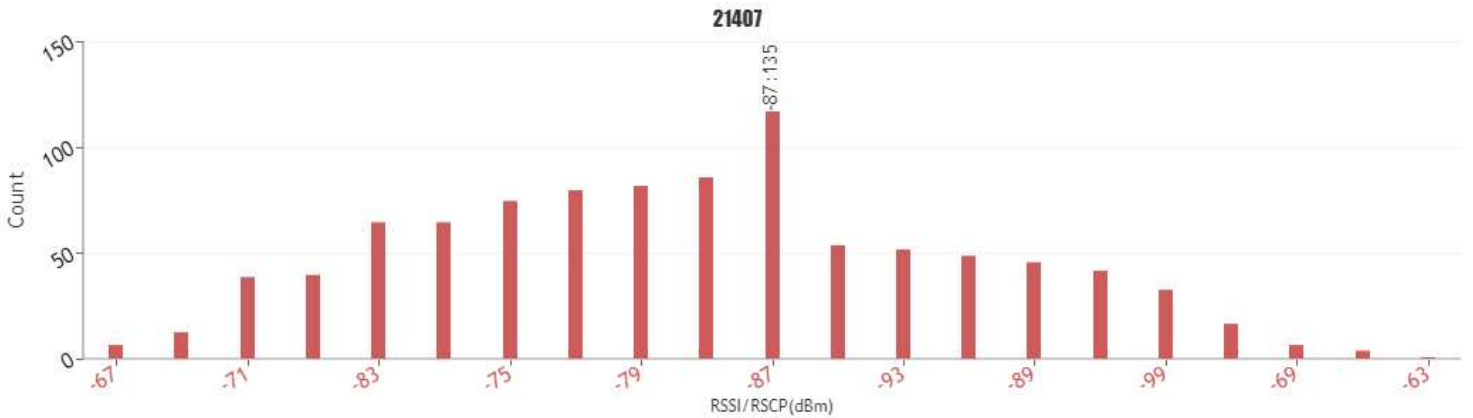
MOVISTAR SERVEI DE VEU, MAPA DE NIVELL DE SENYAL, EL SOLERÀS



RSSI KPI statistics per mobile operator for 21407\_Movistar

Operators	21407
>= -89dBm	74.6976 % (count : 741)
B/w -99dBm to -90dBm	23.1855 % (count : 230)
B/w -112dBm to -100dBm	2.1169 % (count : 21)
<= -113dBm	0 % (count : 0)
Total Geo samples	992

RSSI distribution chart per mobile operator for 21407\_Movistar



# RantCell User QoE test report



OperatorName	21407_Movistar
Test phone Model/Models	Samsung SM-A226B
Report Generation Time	Mar 21, 2022 9:56:17 AM
Test StartTime	Mar 16, 2022 11:49:03 AM
Test EndTime	Mar 16, 2022 12:06:56 PM
Download Speed Test	Yes

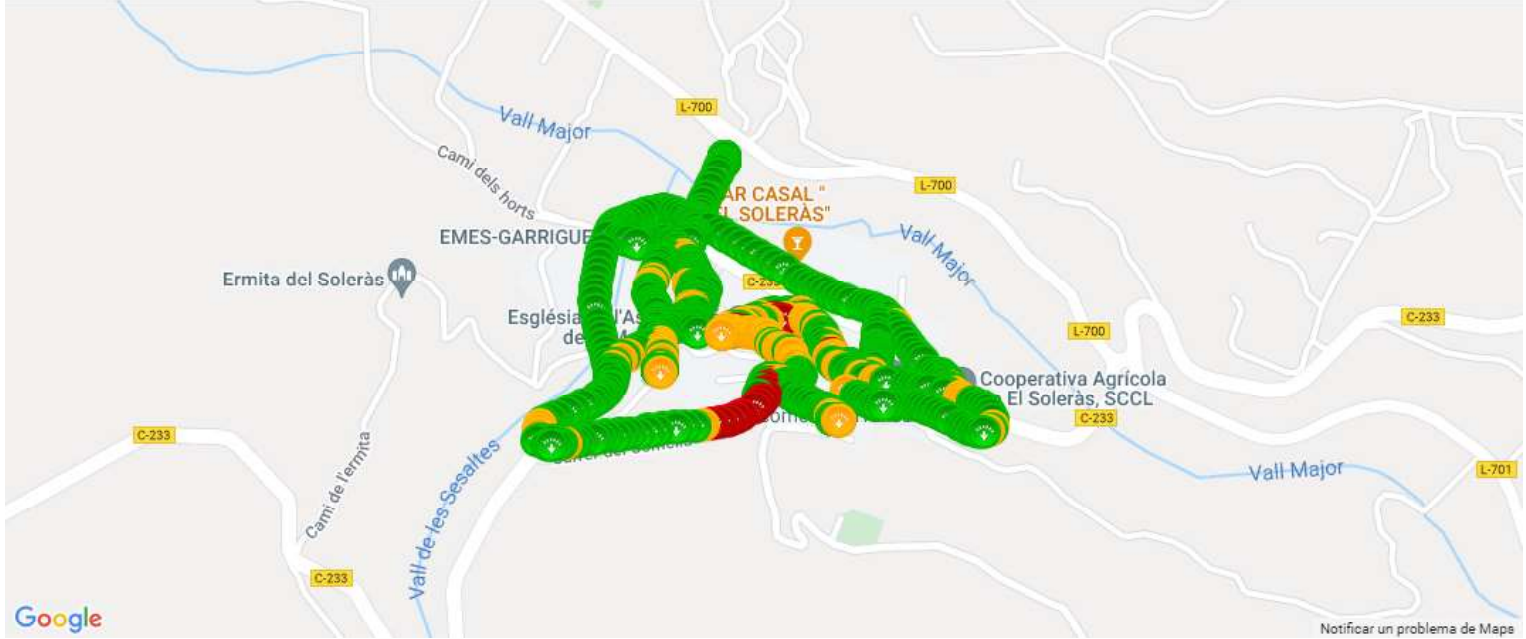


## Download speed test report

Download speed test view for 21407\_Movistar



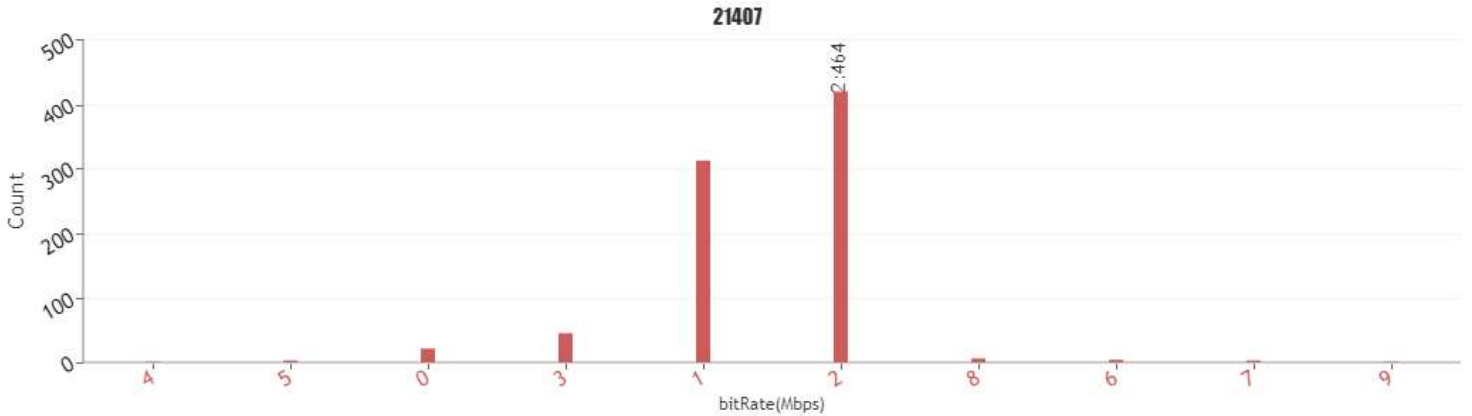
### MOVISTAR SERVEI DE DADES, MAPA DE VELOCITATS DE DESCÀRREGA, EL SOLERÀS



### Download test KPI statistics per mobile operator for 21407\_Movistar

Operators	21407
above 1.2Mbps	80.5970 % (count : 702)
0.4Mbps - 1.2Mbps	17.1068 % (count : 149)
0Mbps - 0.4Mbps	2.2962 % (count : 20)
Average (mbps)	1.79
Peak Speed (mbps)	9
Lowest Recorded (mbps)	0
Total Geo samples	871

### Download test distribution chart per mobile operators for 21407\_Movistar



## User perceived mobile network coverage during tests



mobile network coverage during tests for operators 21407\_Movistar



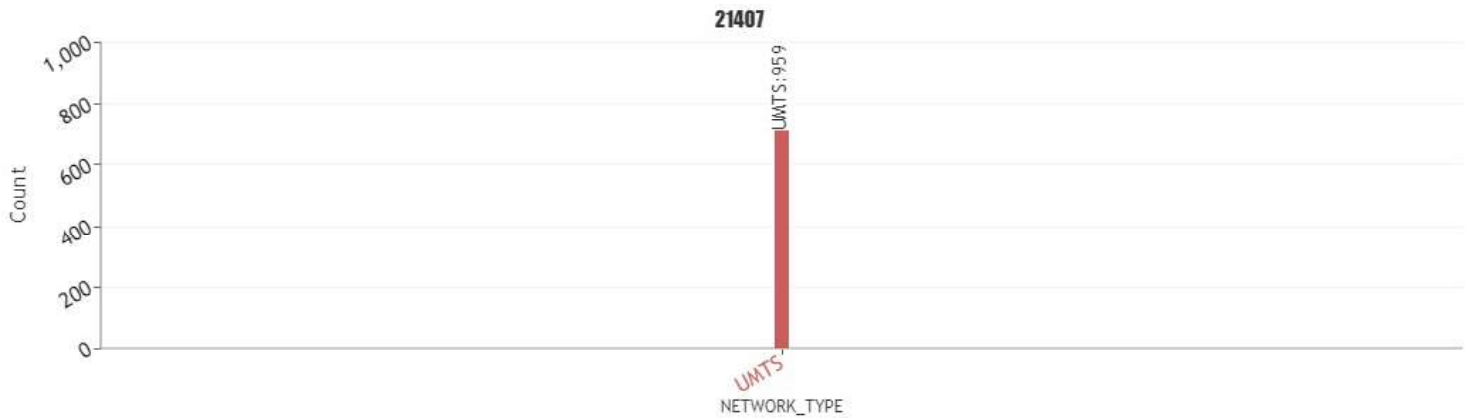
MOVISTAR SERVEI DE DADES, ACCÉS A XARXES DE L'OPERADOR, EL SOLERÀS



## RAN technology statistics per mobile network operator for 21407\_Movistar

Network Type	21407
5G	0.0000%
4G	0.0000%
3G	100.0000%
2G	0.0000%
CDMA	0.0000%
NONNETWORK	0.0000%
Total Geo samples	959

## RAN technology distribution chart per mobile network operator for 21407\_Movistar



# RSSI view



RSSI KPI statistics per mobile operator for operator 21407\_Movistar

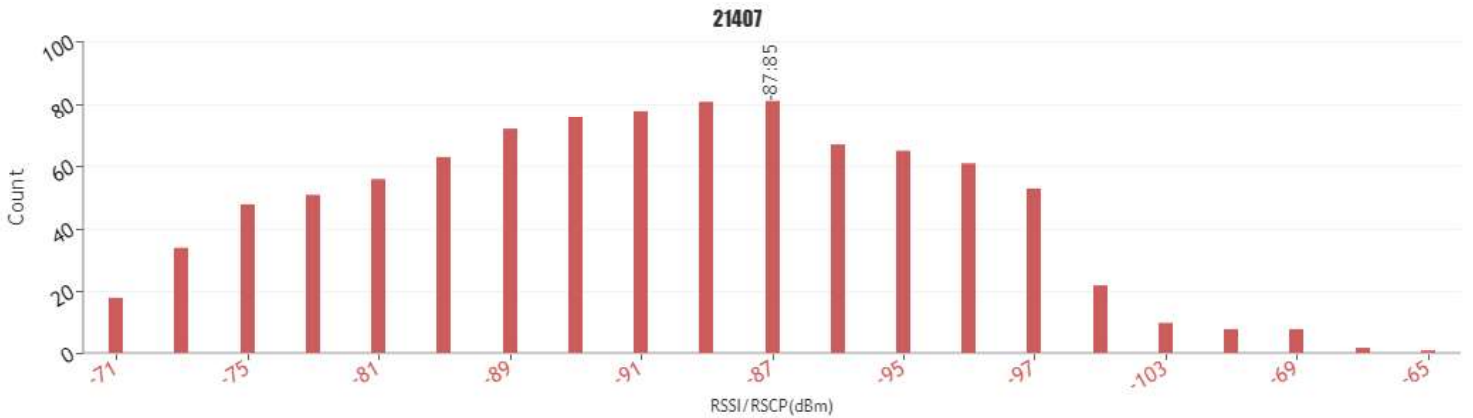
MOVISTAR SERVEI DE DADES, MAPA DE NIVELL DE SENYAL, EL SOLERÀS



RSSI KPI statistics per mobile operator for 21407\_Movistar

Operators	21407
>= -89dBm	62.0438 % (count : 595)
B/w -99dBm to -90dBm	33.7852 % (count : 324)
B/w -112dBm to -100dBm	4.1710 % (count : 40)
<= -113dBm	0 % (count : 0)
Total Geo samples	959

RSSI distribution chart per mobile operator for 21407\_Movistar



# RantCell User QoE test report



OperatorName	21401_vodafone ES
Test phone Model/Models	Samsung SM-A226B
Report Generation Time	Mar 21, 2022 11:13:44 AM
Test StartTime	Mar 16, 2022 11:47:44 AM
Test EndTime	Mar 16, 2022 12:07:03 PM
Voice Call Test	Yes

## Voice call test report

Call test view of mobile operators for 21401\_vodafone ES



### VODAFONE SERVEI DE VEU, MAPA DE TRUCADES, EL SOLERÀS



Call test KPI statistics per mobile operator for 21401\_vodafone ES

Operators	21401	21407
Total Calls Success	0	0
Total Calls Attempted	27	0
Total Calls Failed	27	0
Dropped Calls	0	0
Aborted Calls	0	0
CallSetup Failed	27	0
No Network	0	0
Attempted Voice call on 2G	4	0
Attempted Voice call on 3G	18	0
Attempted Voice call on 2G/3G	1	0
Attempted Voice call on 3G/2G	1	0
CSFB call to 3G Failed	1	0
Not Determined(Voice CallType)	2	0



## User perceived mobile network coverage during tests



mobile network coverage during tests for operators 21401\_vodafone ES

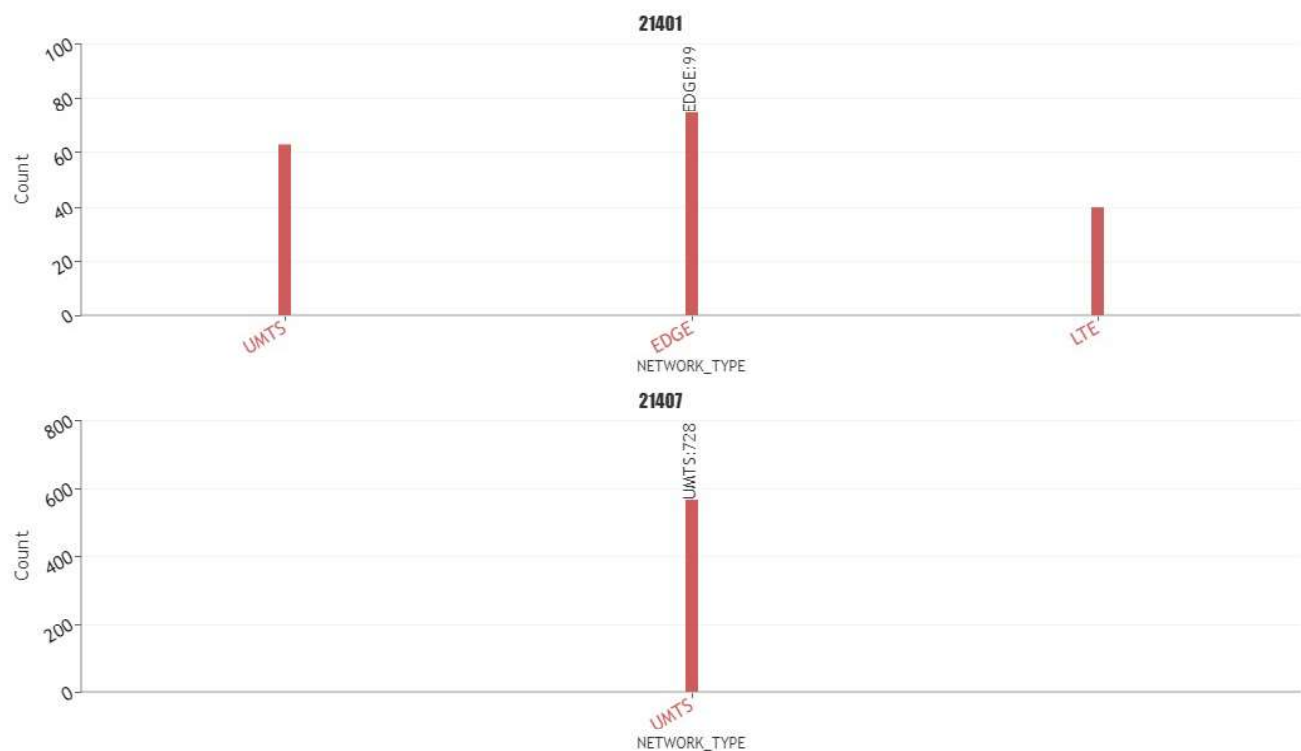
VODAFONE SERVEI DE VEU, ACCÉS A XARXES DE L'OPERADOR, EL SOLERÀS



RAN technology statistics per mobile network operator for 21401\_vodafone ES

Network Type	21407	21401
5G	0.0000%	0.0000%
4G	0.0000%	19.8020%
3G	100.0000%	31.1881%
2G	0.0000%	49.0099%
CDMA	0.0000%	0.0000%
NONNETWORK	0.0000%	0.0000%
Total Geo samples	728	202

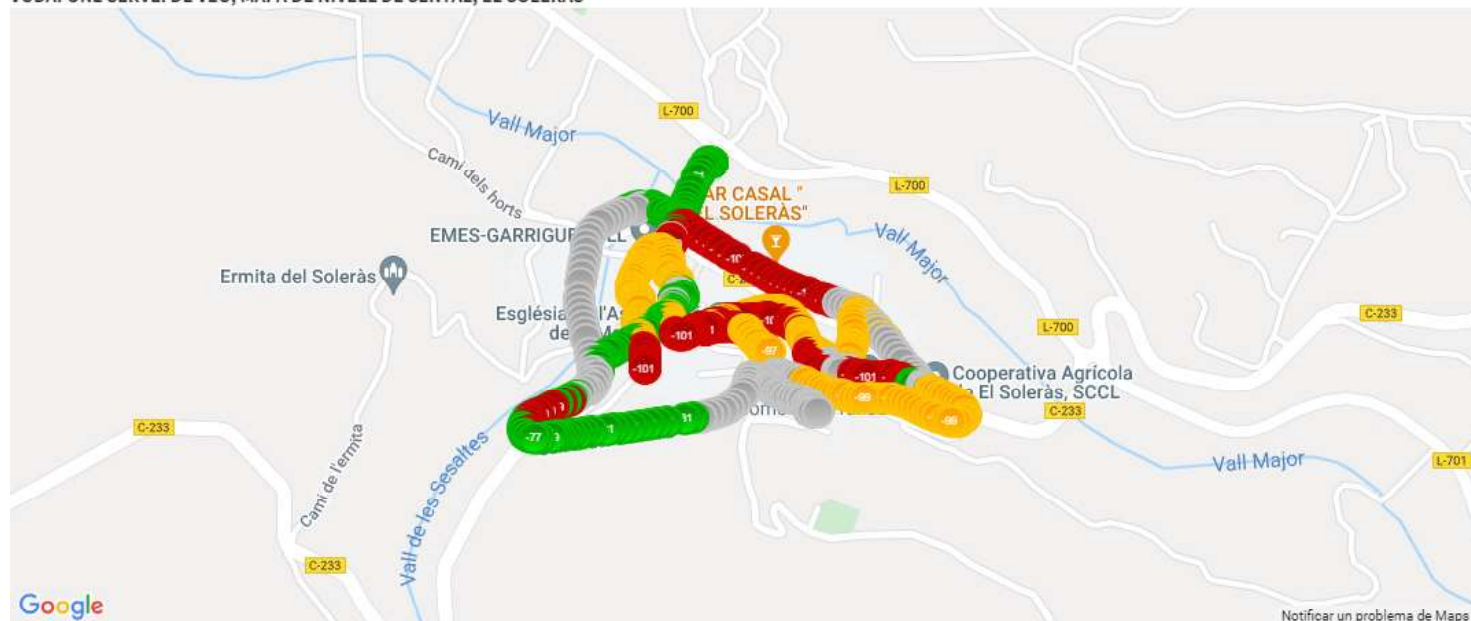
RAN technology distribution chart per mobile network operator for 21401\_vodafone ES





RSI KPI statistics per mobile operator for operator 21401\_vodafone ES

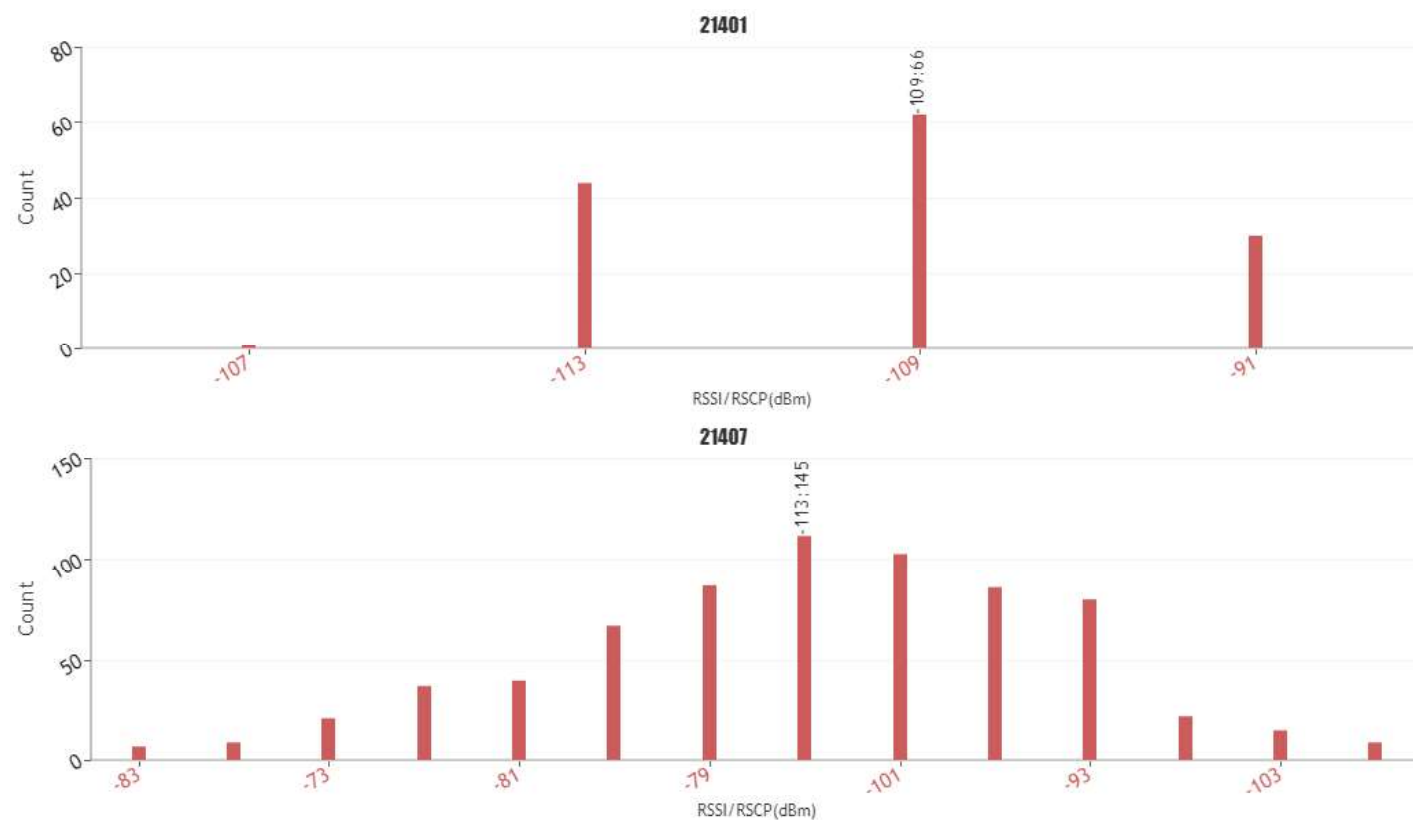
VODAFONE SERVEI DE VEU, MAPA DE NIVELL DE SENYAL, EL SOLERÀS



RSI KPI statistics per mobile operator for 21401\_vodafone ES

Operators	21407	21401
>= -89dBm	31.7308 % (count : 231)	0 % (count : 0)
B/w -99dBm to -90dBm	32.1429 % (count : 234)	21.2766 % (count : 30)
B/w -112dBm to -100dBm	16.2088 % (count : 118)	47.5177 % (count : 67)
<= -113dBm	19.9176 % (count : 145)	31.2057 % (count : 44)
Total Geo samples	728	141

RSI distribution chart per mobile operator for 21401\_vodafone ES



# RantCell User QoE test report



OperatorName	21401_vodafone ES
Test phone Model/Models	Samsung SM-A226B
Report Generation Time	Mar 21, 2022 11:21:08 AM
Test StartTime	Mar 18, 2022 10:24:18 AM
Test EndTime	Mar 18, 2022 10:39:24 AM
Download Speed Test	Yes

# Download speed test report



Download speed test view for 21401\_vodafone ES

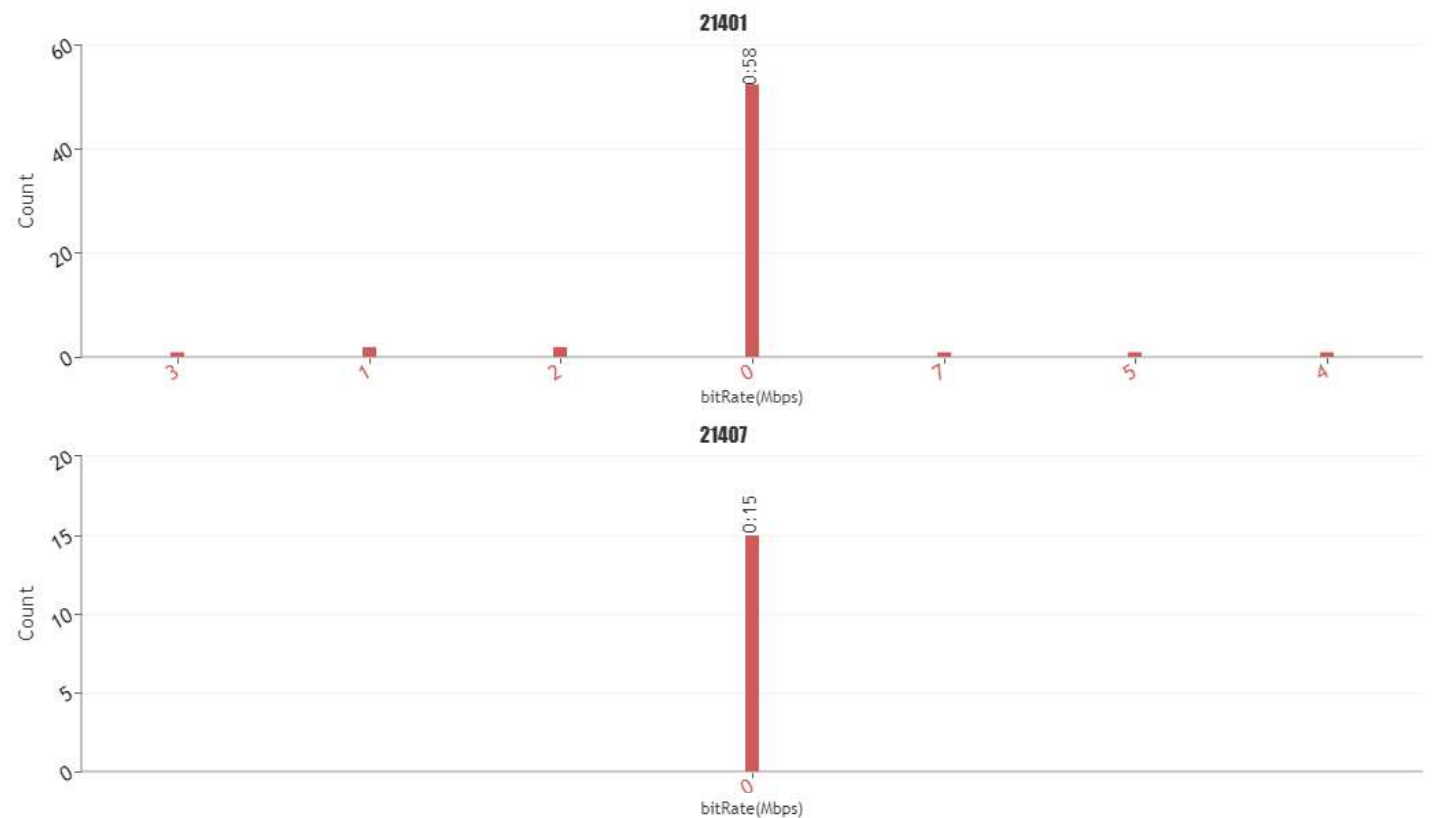
## VODAFONE SERVEI DE DADES, MAPA DE VELOCITATS DE DESCÀRREGA, EL SOLERÀS



## Download test KPI statistics per mobile operator for 21401\_vodafone ES

Operators	21407	21401
above 1.2Mbps	0 % (count : 0)	9.0909 % (count : 6)
0.4Mbps - 1.2Mbps	0 % (count : 0)	3.0303 % (count : 2)
0Mbps - 0.4Mbps	100.0000 % (count : 15)	87.8788 % (count : 58)
Average (mbps)	0.00	0.35
Peak Speed (mbps)	0	6.9
Lowest Recorded (mbps)	0	0
Total Geo samples	15	66

## Download test distribution chart per mobile operators for 21401\_vodafone ES



# User perceived mobile network coverage during tests



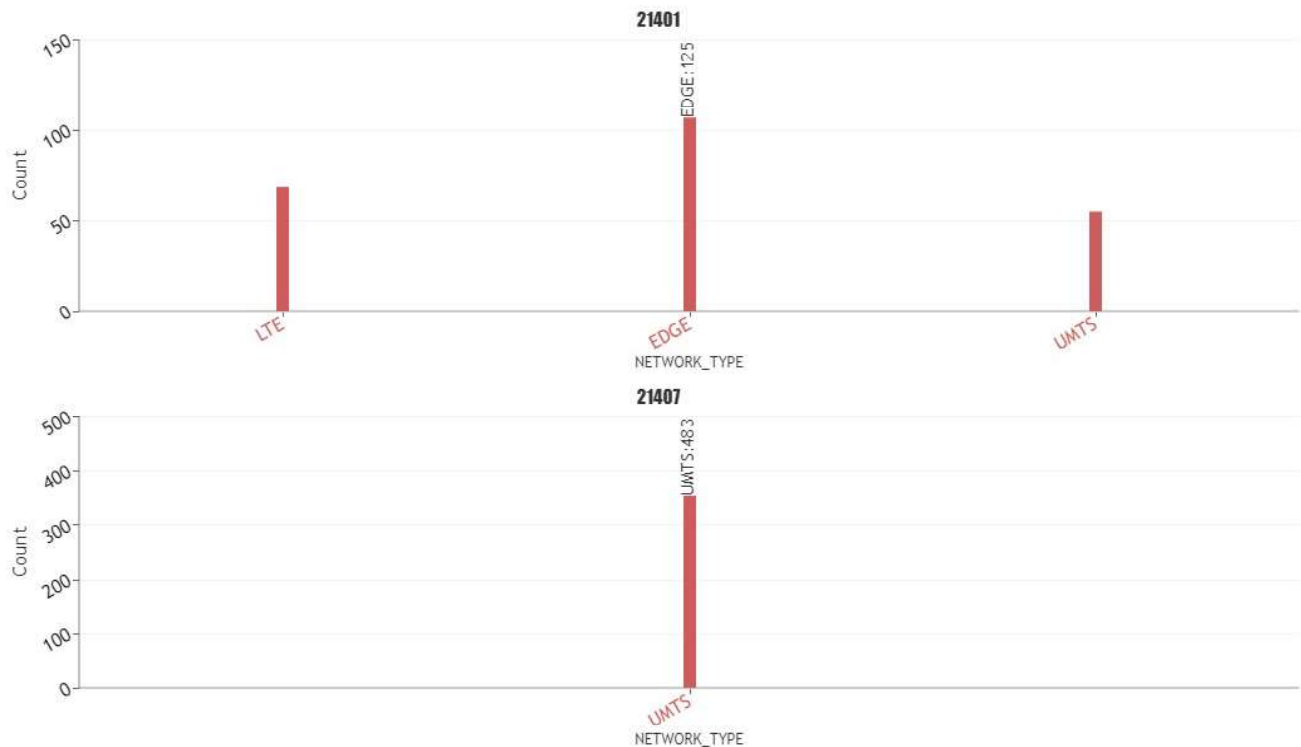
mobile network coverage during tests for operators 21401\_vodafone ES



## RAN technology statistics per mobile network operator for 21401\_vodafone ES

Network Type	21407	21401
5G	0.0000%	0.0000%
4G	0.0000%	27.7108%
3G	100.0000%	22.0884%
2G	0.0000%	50.2008%
CDMA	0.0000%	0.0000%
NONNETWORK	0.0000%	0.0000%
Total Geo samples	483	249

## RAN technology distribution chart per mobile network operator for 21401\_vodafone ES



RSOI KPI statistics per mobile operator for operator 21401\_vodafone ES

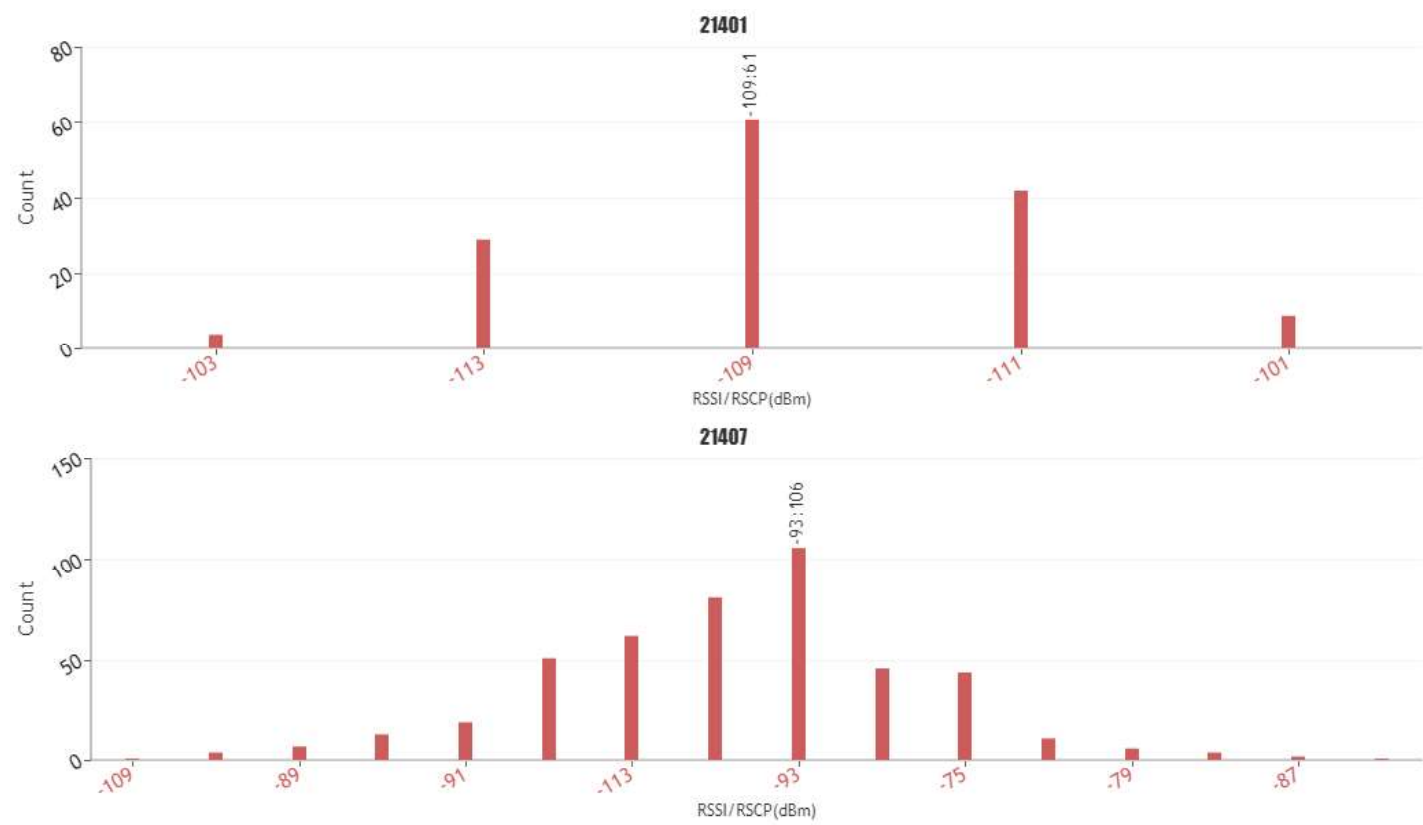
VODAFONE SERVEI DE DADES, MAPA DE NIVELL DE SENYAL, EL SOLERÀS



RSOI KPI statistics per mobile operator for 21401\_vodafone ES

Operators	21407	21401
>= -89dBm	44.9782 % (count : 206)	0 % (count : 0)
B/w -99dBm to -90dBm	41.2664 % (count : 189)	0 % (count : 0)
B/w -112dBm to -100dBm	0.2183 % (count : 1)	80.0000 % (count : 116)
<= -113dBm	13.5371 % (count : 62)	20.0000 % (count : 29)
Total Geo samples	458	145

RSOI distribution chart per mobile operator for 21401\_vodafone ES



# RantCell User QoE test report



OperatorName	21403_Orange
Test phone Model/Models	Samsung SM-A226B
Report Generation Time	Mar 21, 2022 10:01:41 AM
Test StartTime	Mar 16, 2022 11:47:55 AM
Test EndTime	Mar 16, 2022 12:07:20 PM
Voice Call Test	Yes



## Voice call test report

Call test view of mobile operators for 21403\_Orange



### ORANGE SERVEI DE VEU, MAPA DE TRUCADES, EL SOLERÀS



Call test KPI statistics per mobile operator for 21403\_Orange

Operators	21403	21407
Total Geo samples	171	545
Total Calls Success	0	0
Total Calls Attempted	23	0
Total Calls Failed	23	0
Dropped Calls	0	0
Aborted Calls	0	0
CallSetup Failed	23	0
No Network	0	0
Attempted Voice call on 2G	0	0
Attempted Voice call on 3G	18	0
Attempted Voice call on 2G/3G	2	0
Attempted Voice call on 3G/2G	2	0
Not Determined(Voice CallType)	1	0

# User perceived mobile network coverage during tests



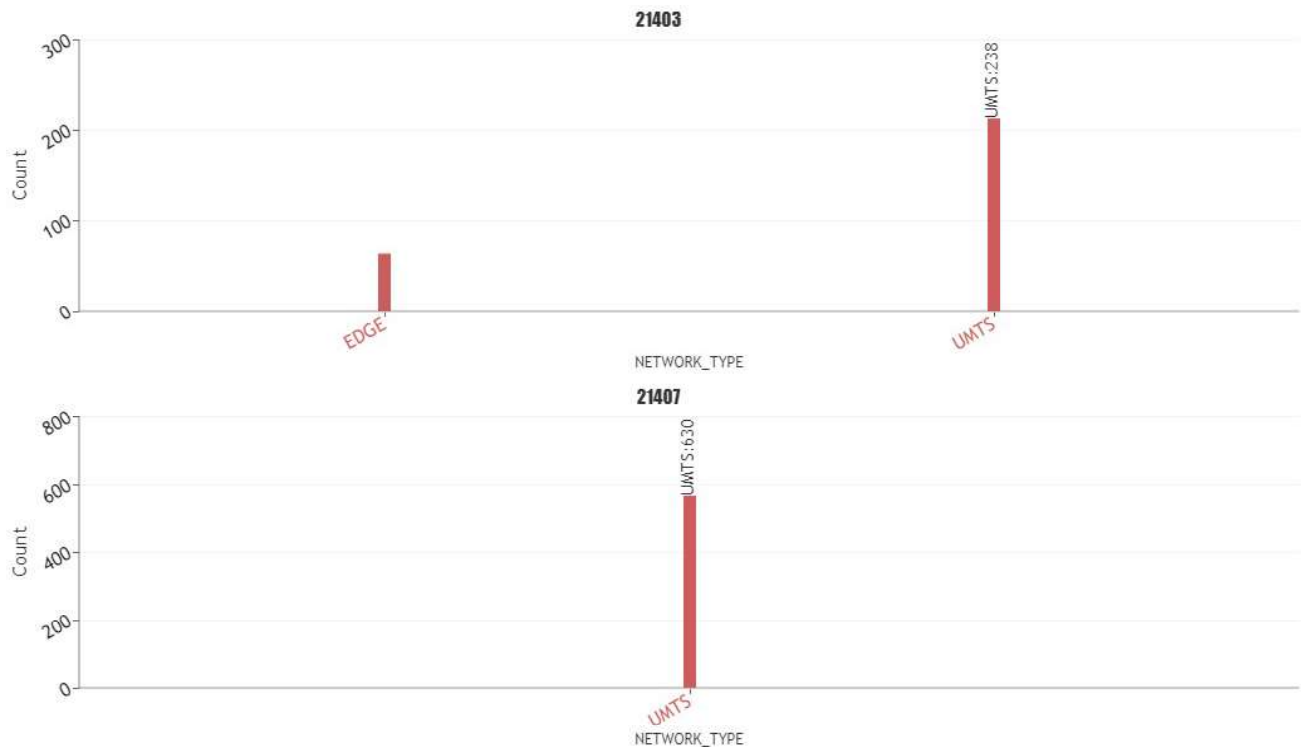
mobile network coverage during tests for operators 21403\_Orange



## RAN technology statistics per mobile network operator for 21403\_Orange

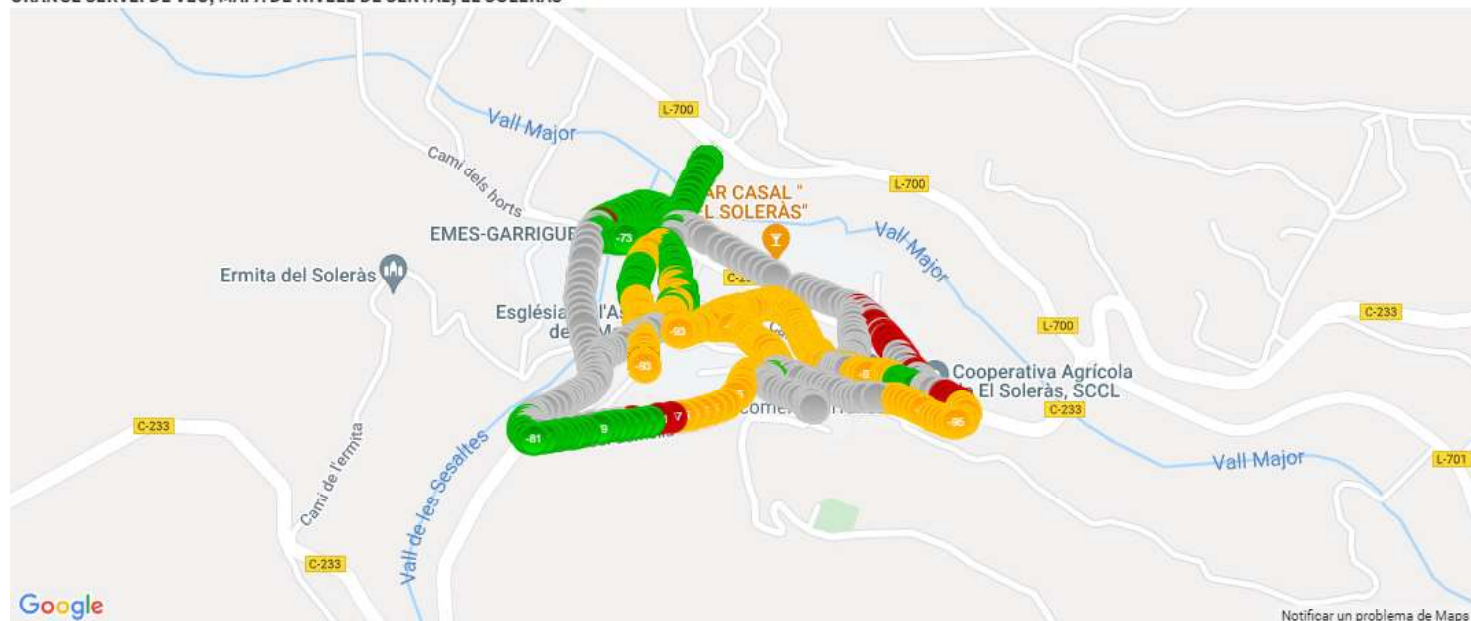
Network Type	21407	21403
5G	0.0000%	0.0000%
4G	0.0000%	0.0000%
3G	100.0000%	78.8079%
2G	0.0000%	21.1921%
CDMA	0.0000%	0.0000%
NONNETWORK	0.0000%	0.0000%
Total Geo samples	630	302

## RAN technology distribution chart per mobile network operator for 21403\_Orange



RSI KPI statistics per mobile operator for operator 21403\_Orange

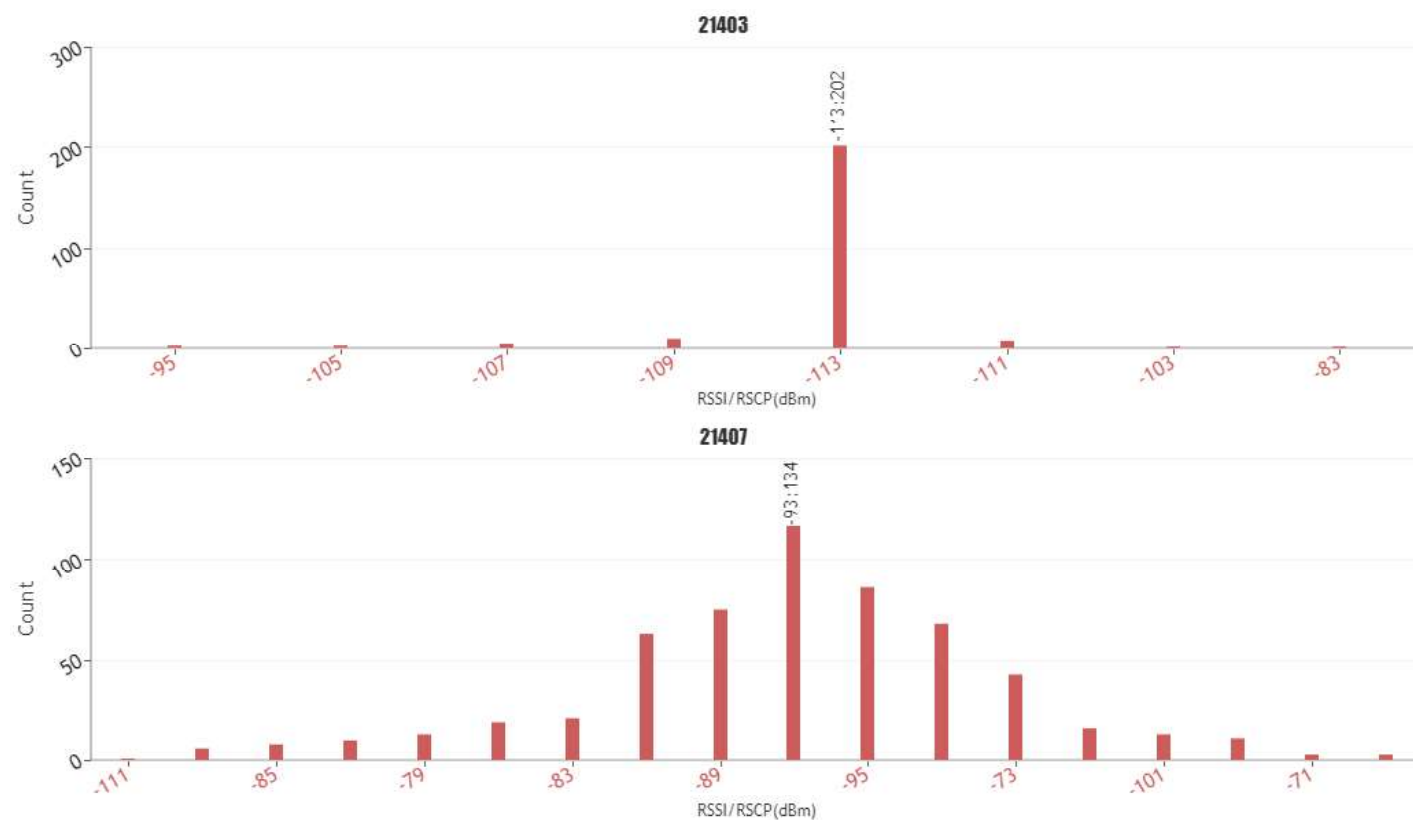
ORANGE SERVEI DE VEU, MAPA DE NIVELL DE SENYAL, EL SOLERÀS



RSI KPI statistics per mobile operator for 21403\_Orange

Operators	21407	21403
>= -89dBm	33.8954 % (count : 201)	0.8403 % (count : 2)
B/w -99dBm to -90dBm	53.1197 % (count : 315)	1.2605 % (count : 3)
B/w -112dBm to -100dBm	2.3609 % (count : 14)	13.0252 % (count : 31)
<= -113dBm	10.6239 % (count : 63)	84.8739 % (count : 202)
Total Geo samples	593	238

RSI distribution chart per mobile operator for 21403\_Orange



# RantCell User QoE test report



OperatorName	21403_Orange
Test phone Model/Models	Samsung SM-A226B
Report Generation Time	Mar 21, 2022 10:52:31 AM
Test StartTime	Mar 16, 2022 11:49:23 AM
Test EndTime	Mar 16, 2022 12:07:07 PM
Download Speed Test	Yes

# Download speed test report



Download speed test view for 21403\_Orange

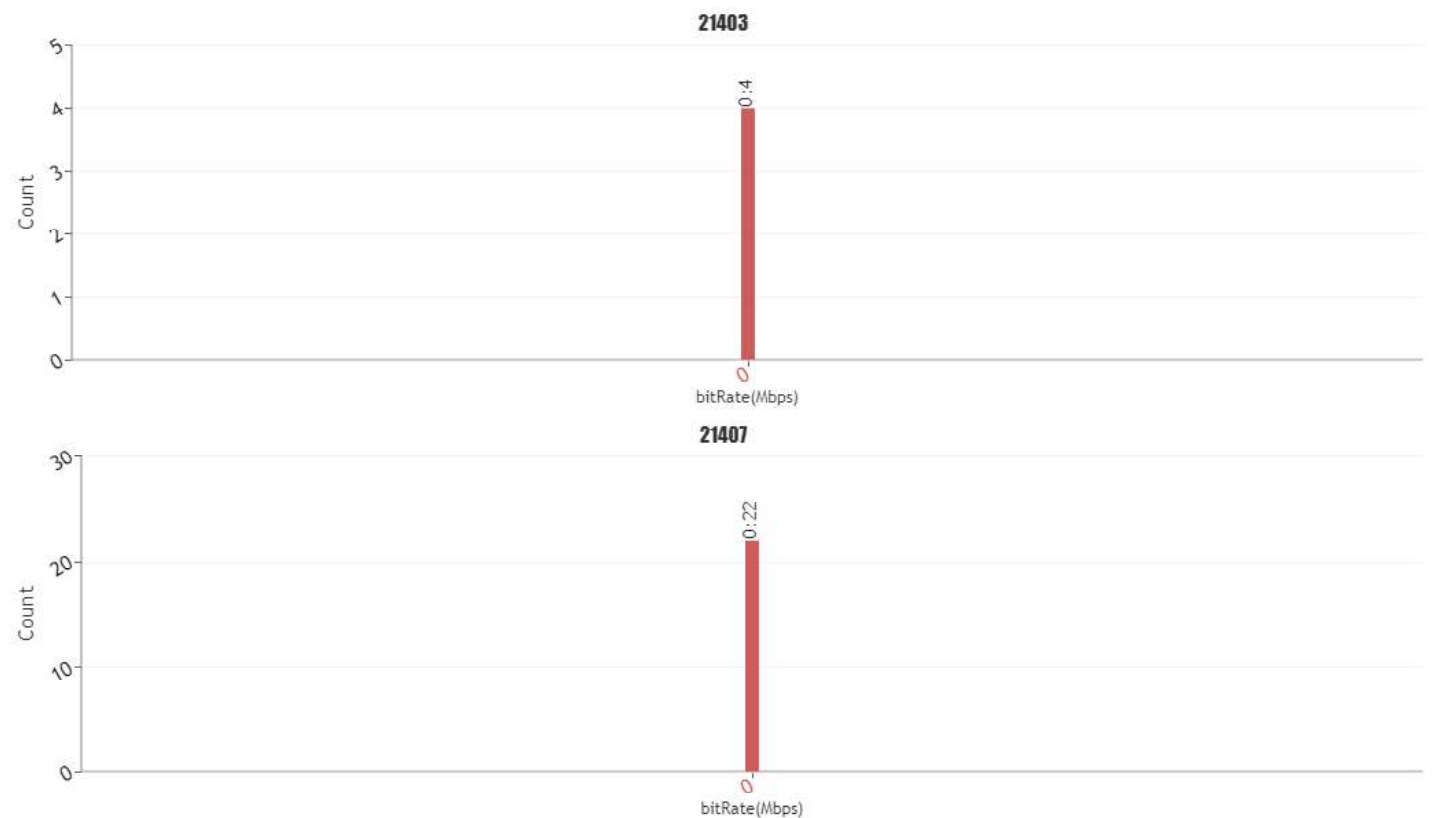
## ORANGE SERVEI DE DADES, MAPA DE VELOCITATS DE DESCÀRREGA, EL SOLERÀS



## Download test KPI statistics per mobile operator for 21403\_Orange

Operators	21407	21403
above 1.2Mbps	0 % (count : 0)	0 % (count : 0)
0.4Mbps - 1.2Mbps	0 % (count : 0)	0 % (count : 0)
0Mbps - 0.4Mbps	100.0000 % (count : 22)	100.0000 % (count : 4)
Average (mbps)	0.00	0.00
Peak Speed (mbps)	0	0
Lowest Recorded (mbps)	0	0
Total Geo samples	22	4

## Download test distribution chart per mobile operators for 21403\_Orange





# User perceived mobile network coverage during tests

mobile network coverage during tests for operators 21403\_Orange



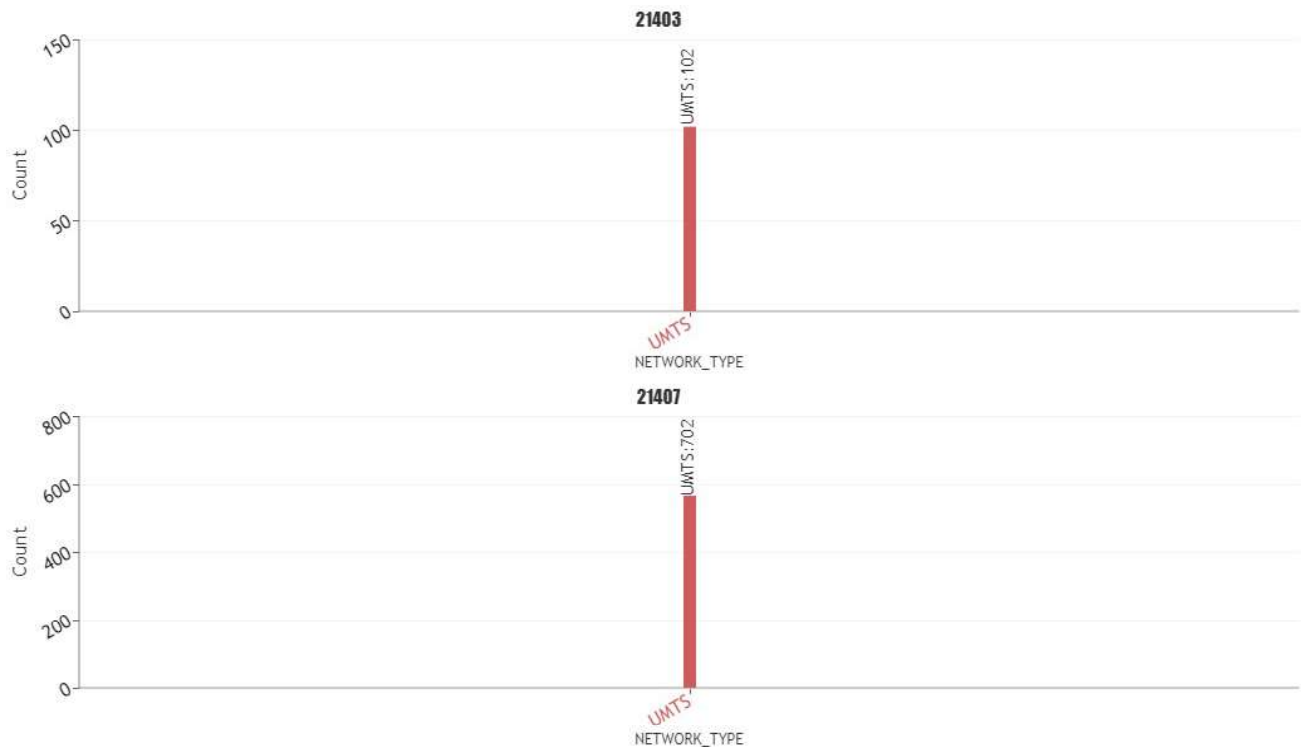
ORANGE SERVEI DE DADES, ACCÉS A XARXES DE L'OPERADOR, EL SOLERÀS



## RAN technology statistics per mobile network operator for 21403\_Orange

Network Type	21407	21403
5G	0.00000%	0.00000%
4G	0.00000%	0.00000%
3G	100.00000%	100.00000%
2G	0.00000%	0.00000%
CDMA	0.00000%	0.00000%
NONNETWORK	0.00000%	0.00000%
Total Geo samples	702	102

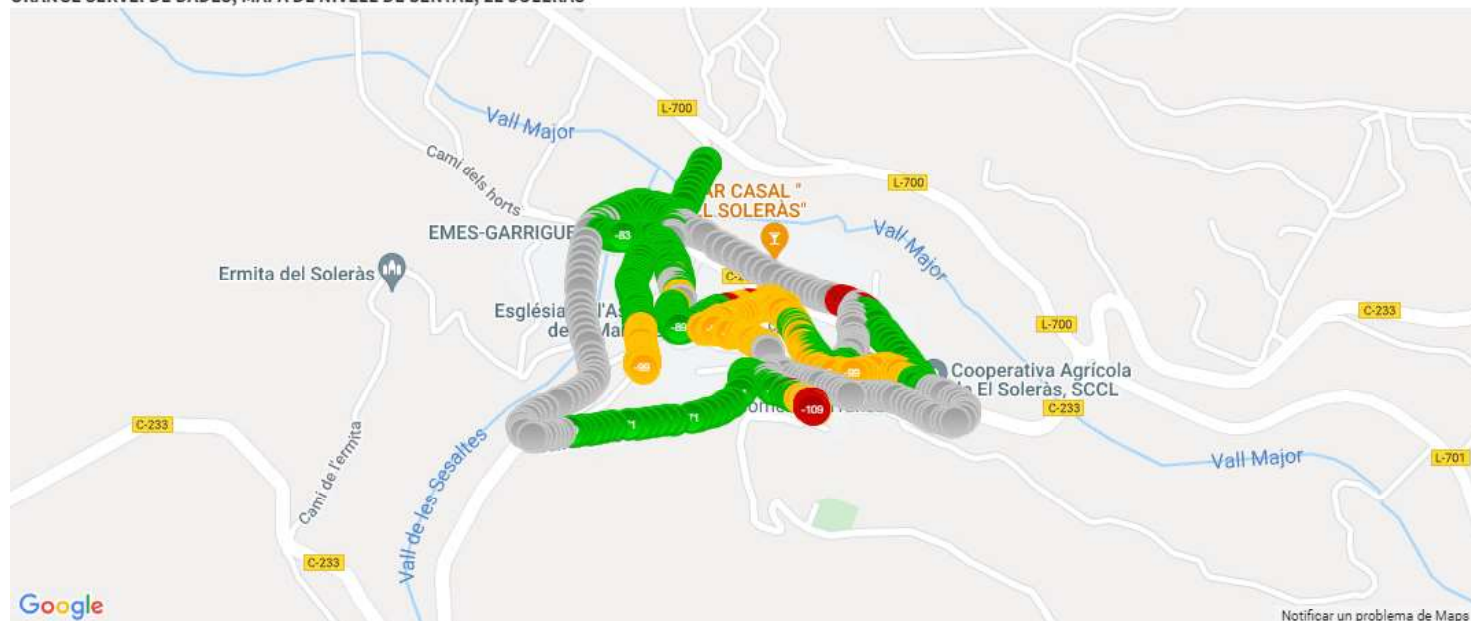
## RAN technology distribution chart per mobile network operator for 21403\_Orange





RSSI KPI statistics per mobile operator for operator 21403\_Orange

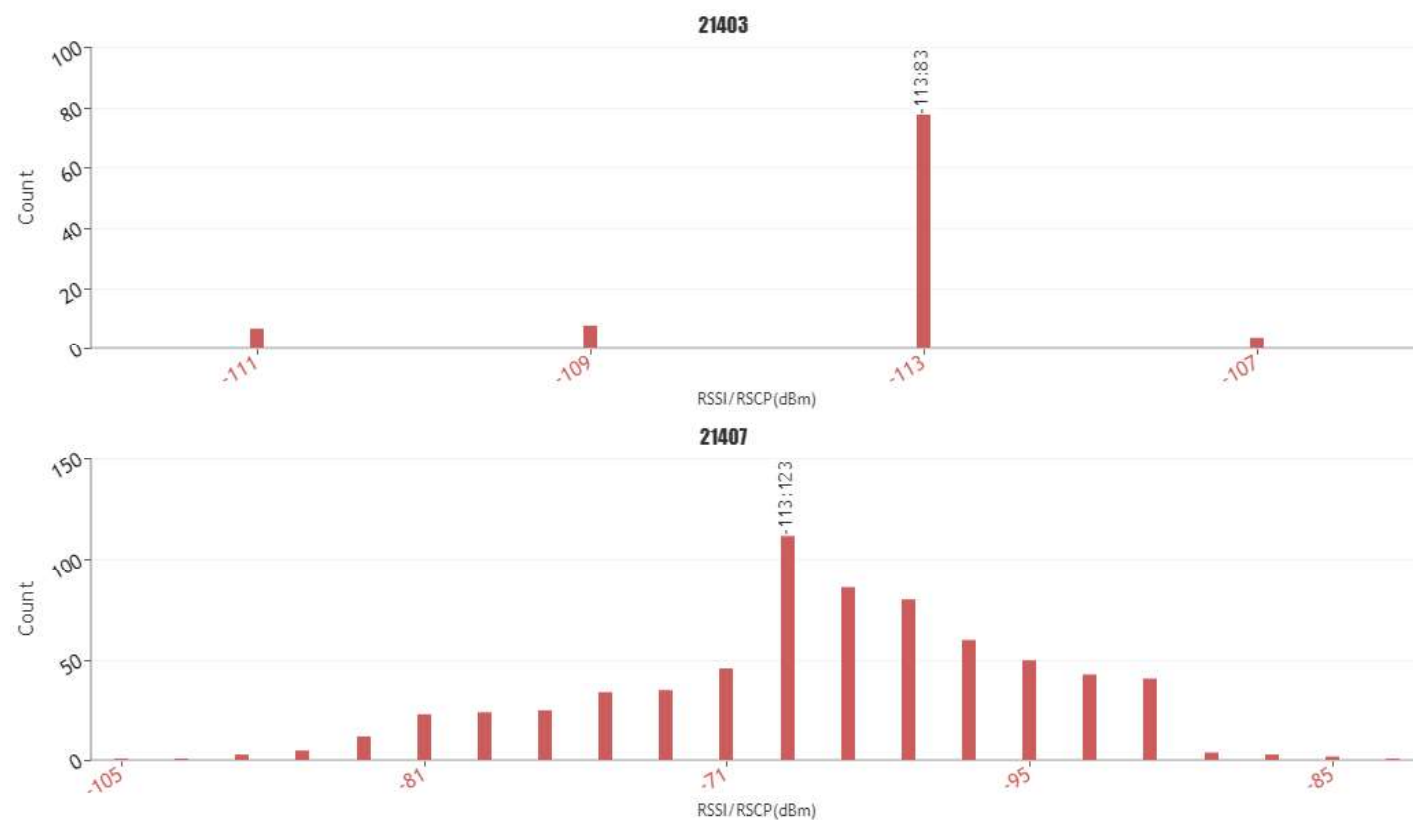
ORANGE SERVEI DE DADES, MAPA DE NIVELL DE SENYAL, EL SOLERÀS



RSSI KPI statistics per mobile operator for 21403\_Orange

Operators	21407	21403
>= -89dBm	51.1396 % (count : 359)	0 % (count : 0)
B/w -99dBm to -90dBm	29.6296 % (count : 208)	0 % (count : 0)
B/w -112dBm to -100dBm	1.7094 % (count : 12)	18.6275 % (count : 19)
<= -113dBm	17.5214 % (count : 123)	81.3725 % (count : 83)
Total Geo samples	702	102

RSSI distribution chart per mobile operator for 21403\_Orange



## EL VILOSELL: RESUM MESURES

OPERADOR	SERVEI DE VEU	SERVEI DE DADES
MOVISTAR	CORRECTE (3G)	CORRECTE (4G)
VODAFONE	CORRECTE (2G/3G)	CORRECTE (3G/4G)
ORANGE	CORRECTE (3G)	CORRECTE (4G)

Comentaris:

No es troben deficiències significatives de servei de veu o dades de cap operador.

Disposen de fibra de Orange.

Servei de Movistar, Vodafone i Orange provinent de municipis propers.





☰ ● Pobla de Cérvoles

**TELEFONICA MOVILES ESPAÑA, S.A.U.**

Estación: 2500596  
Dirección: ZN Polígono 10 Parcela 114. POBLA DE CÉRVOLES (LA), LLEIDA  
Posición: 41.364706 lat / 0.920169 lng  
Elevación: **Sólo PRO**




ID	BANDA	MODOS*
1	1805.10 - 1825.10	4G
1	852.00 - 862.00	4G
1	935.10 - 949.90	2G
1	935.10 - 949.90	2G



Albi

**VODAFONE ESPAÑA, S.A.**

Estación: 00552  
 Dirección: VP POLIGONO 7 PARCELA 363. ALBI (L), LLEIDA  
 Posición: 41.427186 lat / 0.944569 lng  
 Elevación: **Sólo PRO**

ID	BANDA	MODOS*
1	949.90 - 959.90	2G 3G
1	949.90 - 959.90	2G 3G



Albi

**TELEFONICA MOVILES ESPAÑA, S.A.U.**

Estación: 2500296  
 Dirección: MT Polígono 3 Parcela 83. VINAIXA, LLEIDA  
 Posición: 41.424686 lat / 0.978583 lng  
 Elevación: **Sólo PRO**

ID	BANDA	MODOS*
1	852.00 - 862.00	4G
1	935.10 - 949.90	2G
1	935.10 - 949.90	2G





Albi

**VODAFONE ESPAÑA, S.A.**

Estación: 166  
 Dirección: VP ALBI, -. ALBI (L), LLEIDA  
 Posición: 41.421183 lat / 0.940236 lng  
 Elevación: **Sólo PRO**

ID	BANDA	MODOS*
1	1905.00 - 1910.00; 2140.00 - 2155.00	3G
1	2660.00 - 2680.00	4G
1	842.00 - 852.00	4G





Vinaixa



**TELEFONICA MOVILES ESPAÑA, S.A.U.**

Estación: 2500296

Dirección: MT Poligono 3 Parcela 83. VINAIXA, LLEIDA

Posición: 41.424686 lat / 0.978583 lng

Elevación: **Sólo PRO**

ID	BANDA	MODOS*
1	852.00 - 862.00	4G
1	935.10 - 949.90	2G
1	935.10 - 949.90	2G

# RantCell User QoE test report



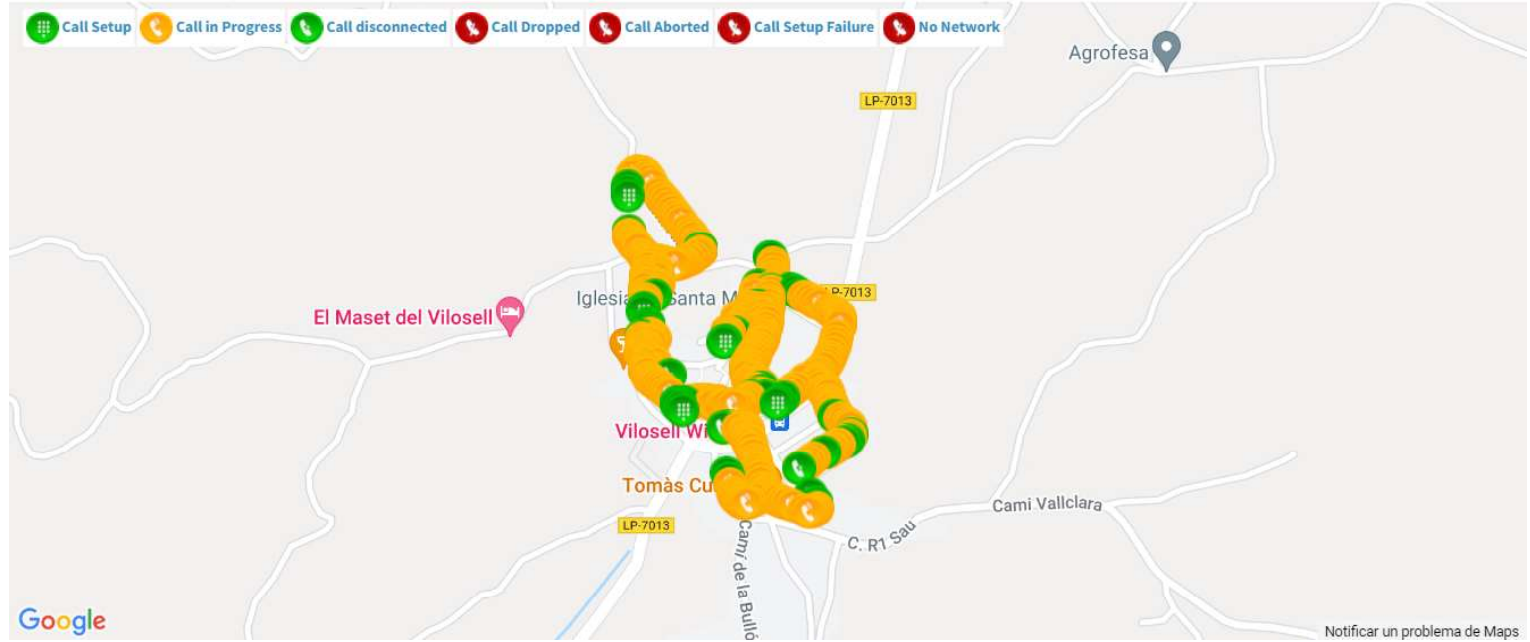
OperatorName	21407_Movistar
Test phone Model/Models	Samsung SM-A226B
Report Generation Time	Mar 28, 2022 12:50:13 PM
Test StartTime	Mar 28, 2022 10:53:09 AM
Test EndTime	Mar 28, 2022 11:05:24 AM
Voice Call Test	Yes

## Voice call test report



Call test view of mobile operators for 21407\_Movistar

### MOVISTAR SERVEI DE VEU, MAPA DE TRUCADES, EL VILOSELL



Call test KPI statistics per mobile operator for 21407\_Movistar

Operators	21407
Total Calls Success	15
Total Calls Attempted	16
Total Calls Failed	1
Dropped Calls	1
Aborted Calls	0
CallSetup Failed	0
No Network <a href="#">?</a>	0
Attempted Voice call on 2G <a href="#">?</a>	0
Attempted Voice call on 3G <a href="#">?</a>	7
Successful CSFB call to 3G <a href="#">?</a>	8



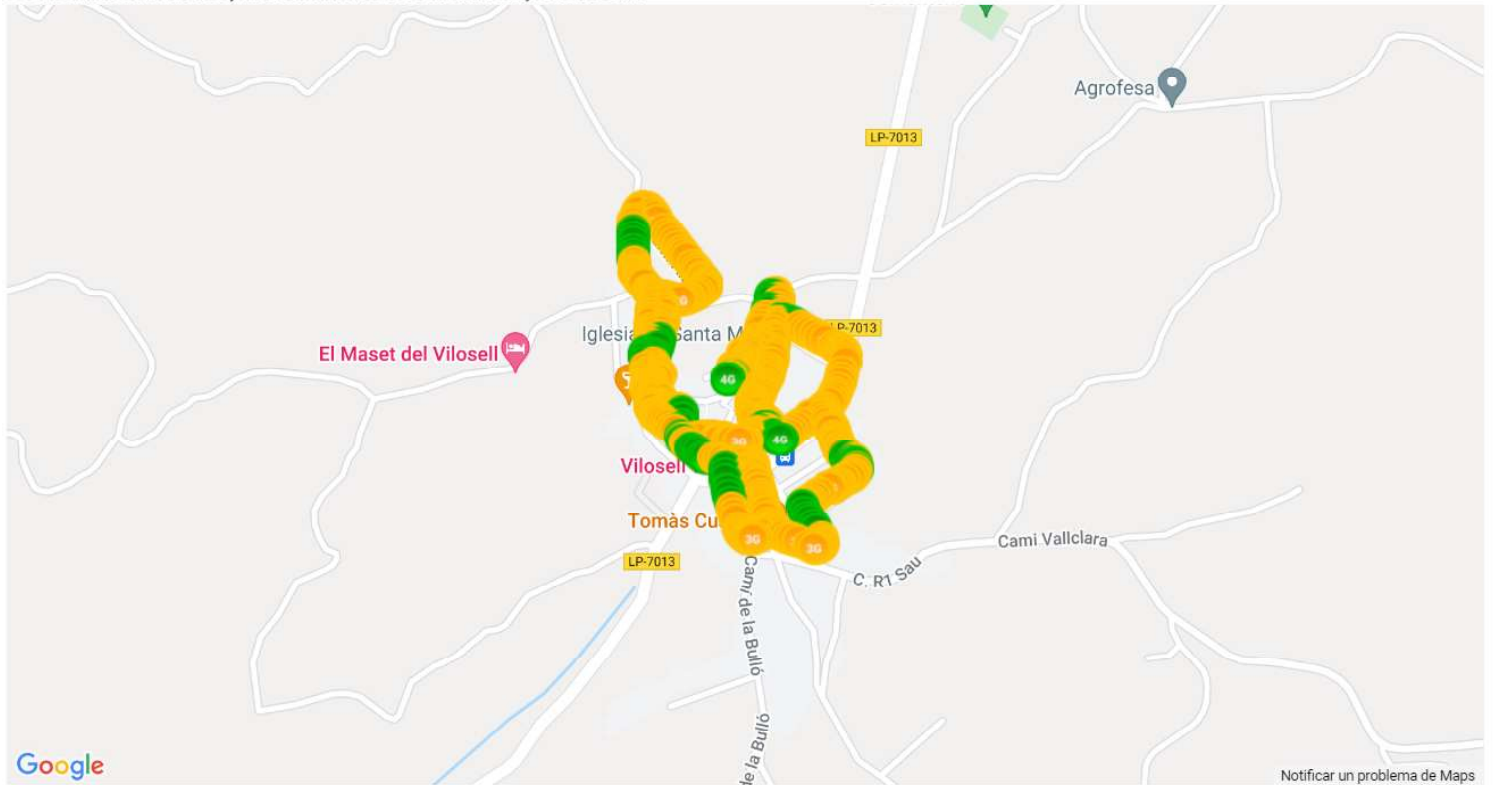
# User perceived mobile network coverage during tests



mobile network coverage during tests for operators 21407\_Movistar



MOVISTAR SERVEI DE VEU, ACCÉS A XARXES DE L'OPERADOR, EL VILOSELL



RAN technology statistics per mobile network operator for 21407\_Movistar

Network Type	21407
5G	0.0000%
4G	13.8095%
3G	86.1905%
2G	0.0000%
CDMA	0.0000%
NONNETWORK	0.0000%
Total Geo samples	630

RAN technology distribution chart per mobile network operator for 21407\_Movistar

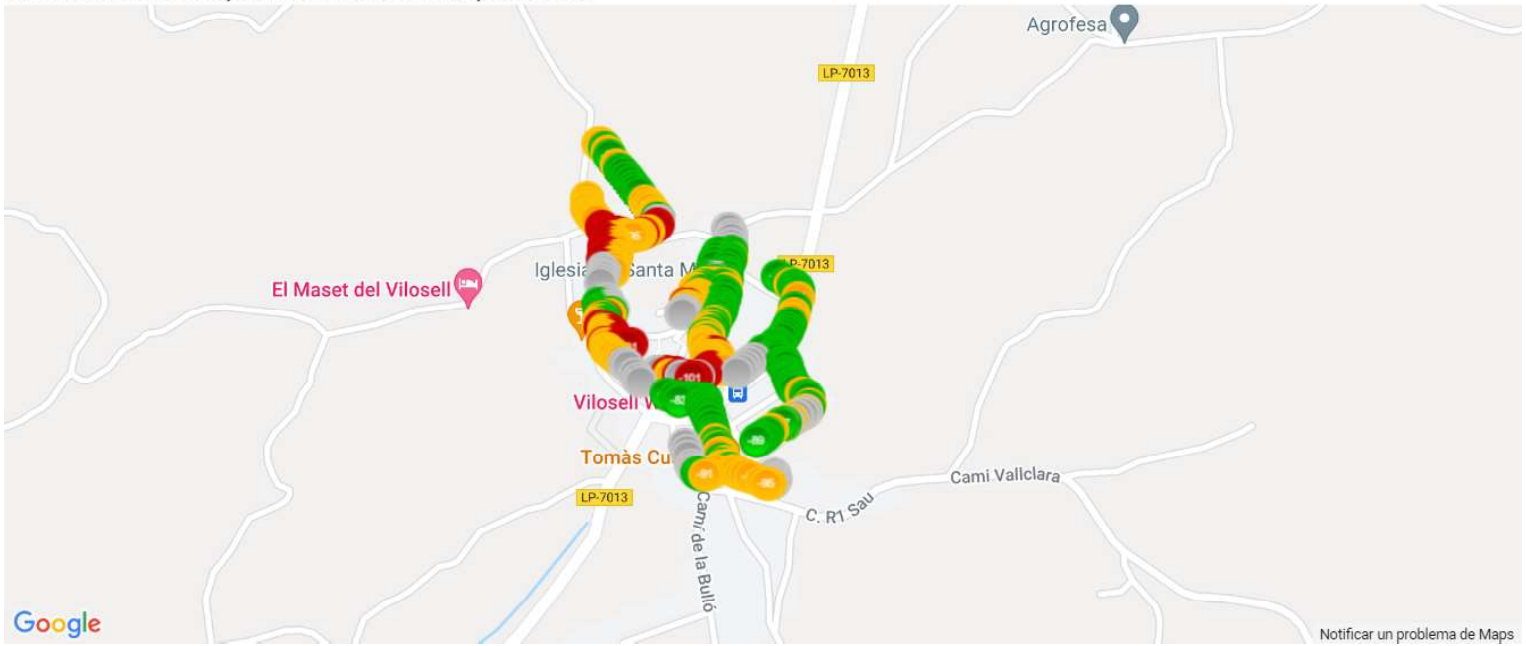


## RSSI view



RSSI KPI statistics per mobile operator for operator 21407\_Movistar

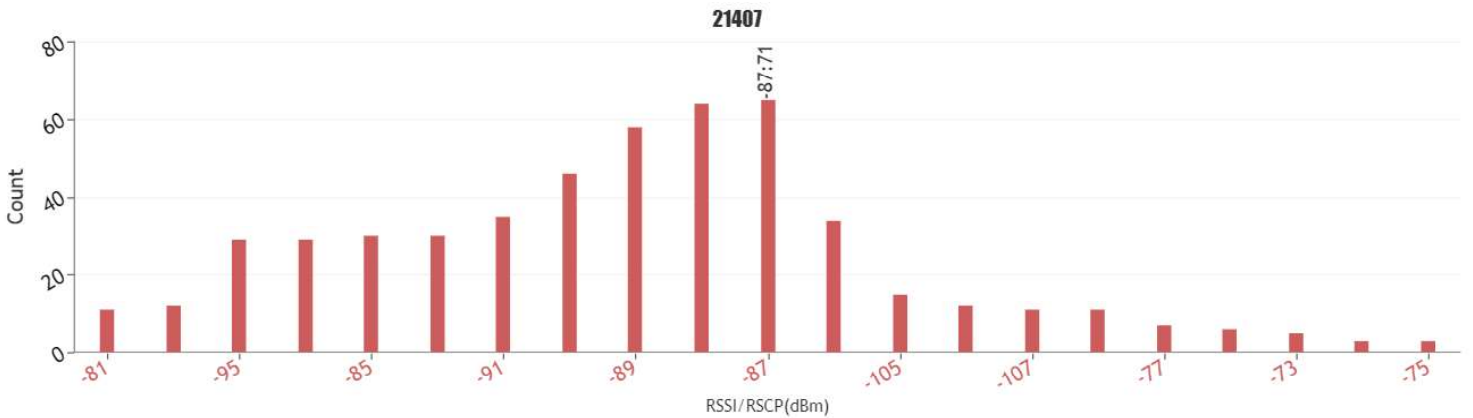
MOVISTAR SERVEI DE VEU, MAPA DE NIVELL DE SENYAL, EL VILOSELL



RSSI KPI statistics per mobile operator for 21407\_Movistar

Operators	21407
<b>&gt;= -89dBm</b>	40.0383 % (count: 209)
<b>B/w -99dBm to -90dBm</b>	32.3755 % (count: 169)
<b>B/w -112dBm to -100dBm</b>	15.3257 % (count: 80)
<b>&lt;= -113dBm</b>	12.2605 % (count: 64)
Total Geo samples	522

RSSI distribution chart per mobile operator for 21407\_Movistar



# RantCell User QoE test report



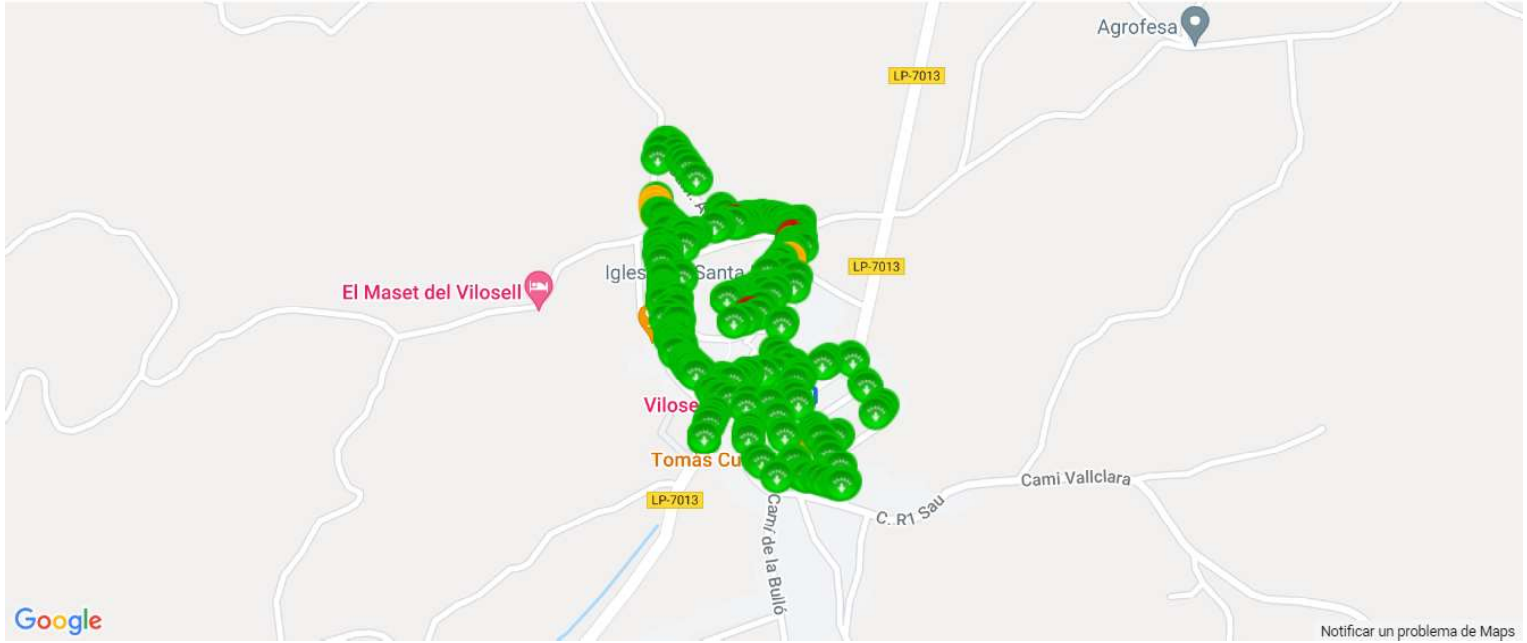
OperatorName	21407_Movistar
Test phone Model/Models	Samsung SM-A226B
Report Generation Time	Mar 28, 2022 1:03:21 PM
Test StartTime	Mar 28, 2022 10:20:58 AM
Test EndTime	Mar 28, 2022 10:42:04 AM
Download Speed Test	Yes

# Download speed test report

Download speed test view for 21407\_Movistar



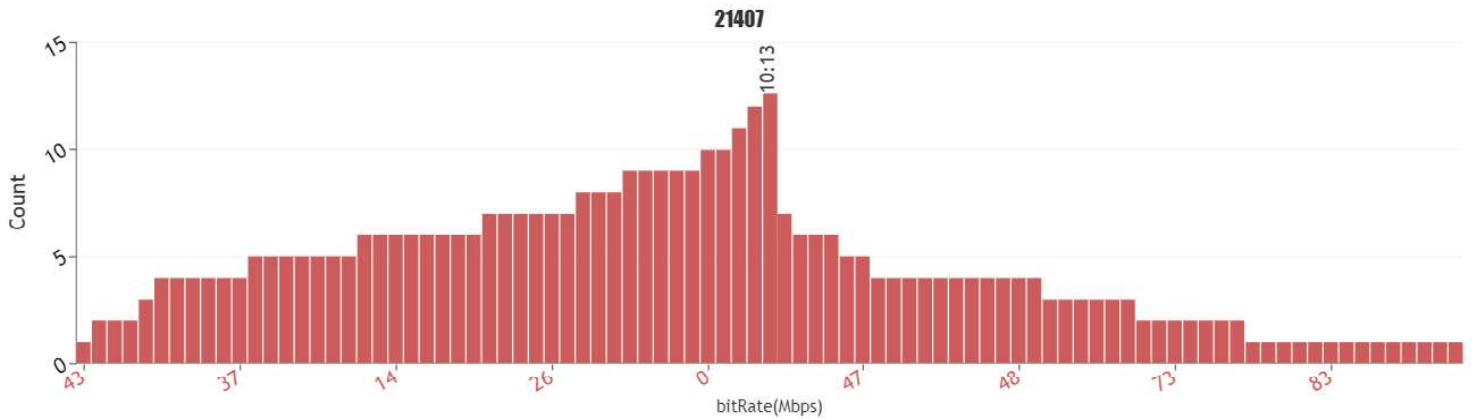
## MOVISTAR SERVEI DE DADES, MAPA DE VELOCITATS DE DESCÀRREGA, EL VILOSELL



## Download test KPI statistics per mobile operator for 21407\_Movistar

Operators	21407
above 1.2Mbps	96.3325 % (count : 394)
0.4Mbps - 1.2Mbps	1.7115 % (count : 7)
0Mbps - 0.4Mbps	1.9560 % (count : 8)
Average (mbps)	33.91
Peak Speed (mbps)	105.73
Lowest Recorded (mbps)	0
Total Geo samples	409

## Download test distribution chart per mobile operators for 21407\_Movistar



# User perceived mobile network coverage during tests



mobile network coverage during tests for operators 21407\_Movistar



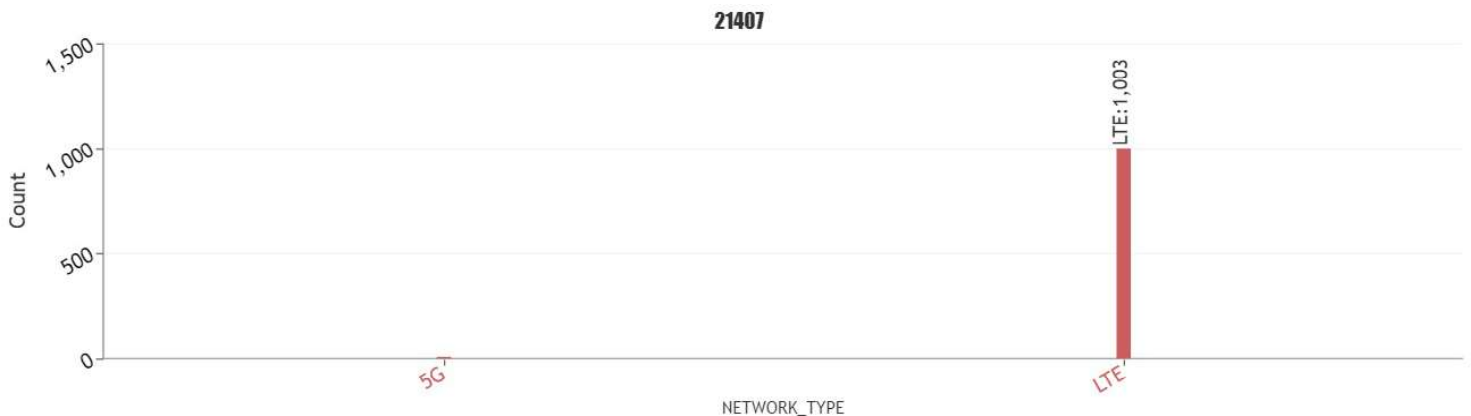
MOVISTAR SERVEI DE DADES, ACCÉS A XARXES DE L'OPERADOR, EL VILOSELL



## RAN technology statistics per mobile network operator for 21407\_Movistar

Network Type	21407
5G	1.0848%
4G	98.9152%
3G	0.0000%
2G	0.0000%
CDMA	0.0000%
NONNETWORK	0.0000%
Total Geo samples	1014

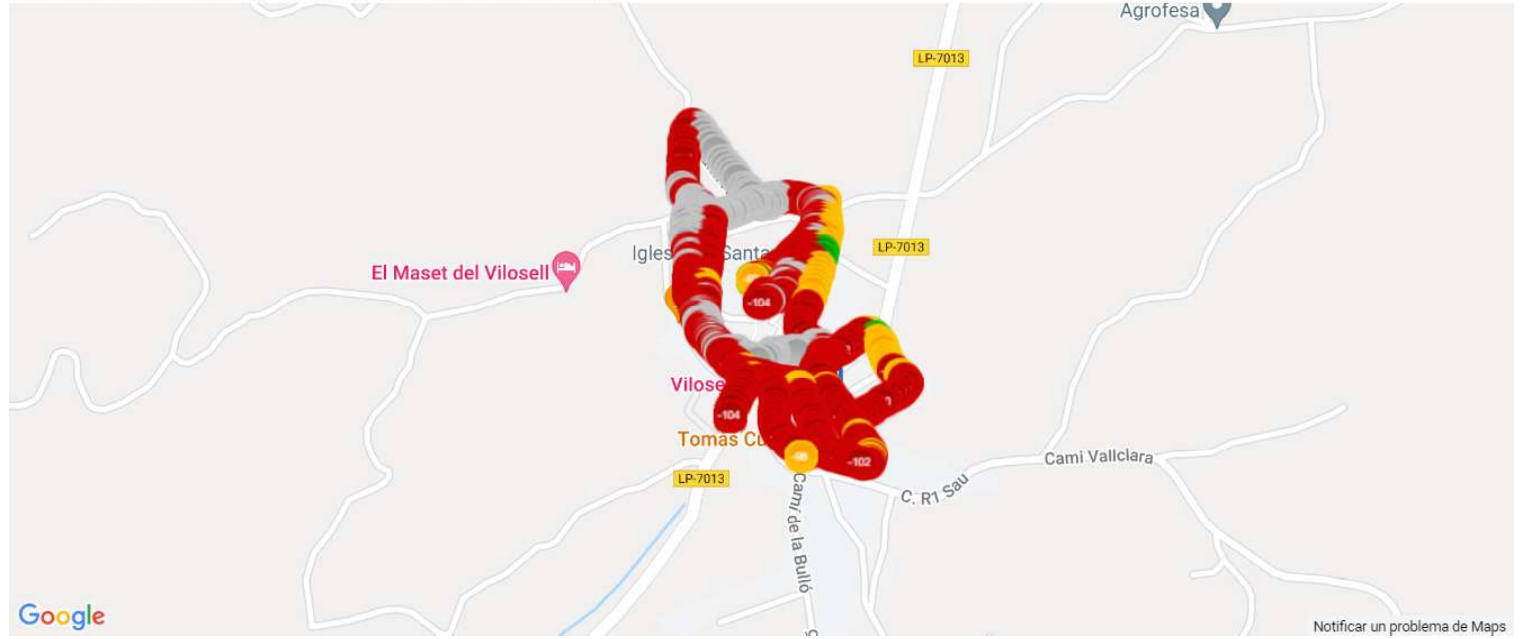
## RAN technology distribution chart per mobile network operator for 21407\_Movistar



## RSRP view

RSRP KPI statistics per mobile operator for operator 21407\_Movistar

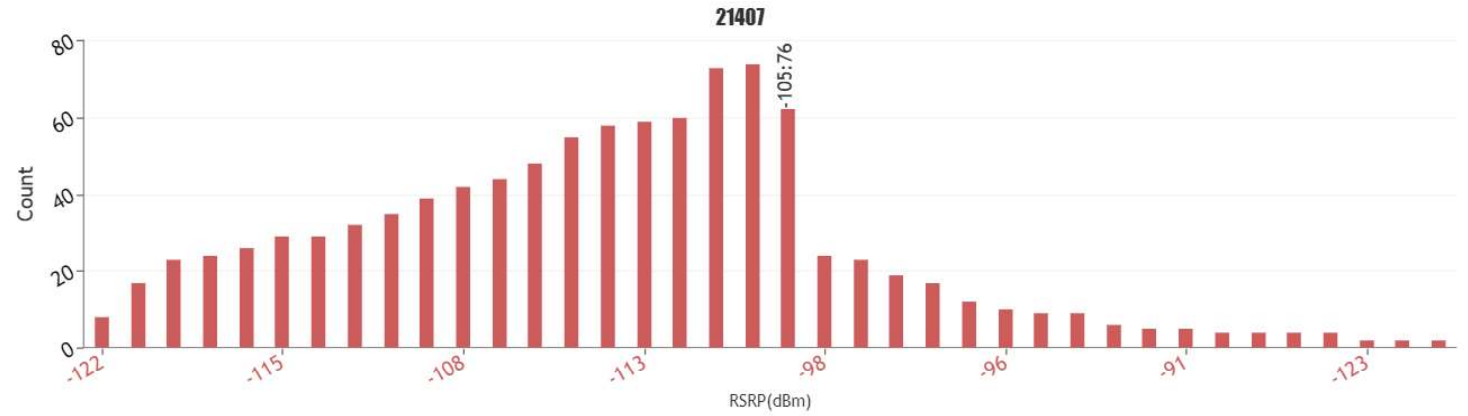
MOVISTAR SERVEI DE DADES, MAPA DE NIVELL DE SENYAL, EL VILOSELL



RSRP KPI statistics per mobile operator for 21407\_Movistar

Operators	21407
<b>&gt;= to -89dBm</b>	0.7905 % (count : 8)
<b>B/w -99dBm to -90dBm</b>	8.9921 % (count : 91)
<b>B/w -112dBm to -100dBm</b>	62.1542 % (count : 629)
<b>&lt;= -113dBm</b>	28.0632 % (count : 284)
Total Geo samples	1012

RSRP distribution chart per mobile operator for 21407\_Movistar





# RantCell User QoE test report



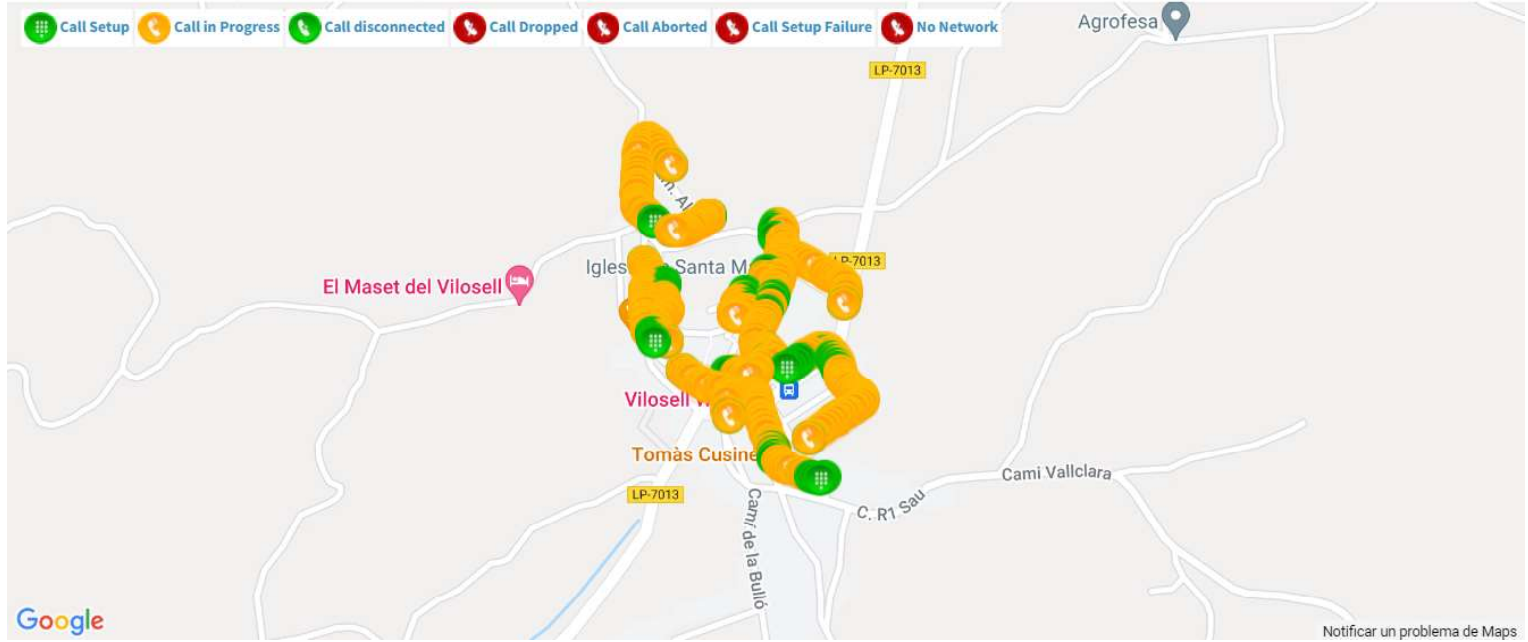
OperatorName	21401_vodafone ES
Test phone Model/Models	Samsung SM-A226B
Report Generation Time	Mar 28, 2022 1:13:31 PM
Test StartTime	Mar 28, 2022 10:52:46 AM
Test EndTime	Mar 28, 2022 11:04:52 AM
Voice Call Test	Yes

## Voice call test report

Call test view of mobile operators for 21401\_vodafone ES



### VODAFONE SERVEI DE VEU, MAPA DE TRUCADES, EL VILOSELL



### Call test KPI statistics per mobile operator for 21401\_vodafone ES

Operators	21401
Total Calls Success	13
Total Calls Attempted	13
Total Calls Failed	0
Dropped Calls	0
Aborted Calls	0
CallSetup Failed	0
No Network <a href="#">?</a>	0
Attempted Voice call on 2G <a href="#">?</a>	1
Attempted Voice call on 3G <a href="#">?</a>	1
Successful CSFB call to 2G <a href="#">?</a>	5
Successful CSFB call to 3G <a href="#">?</a>	6

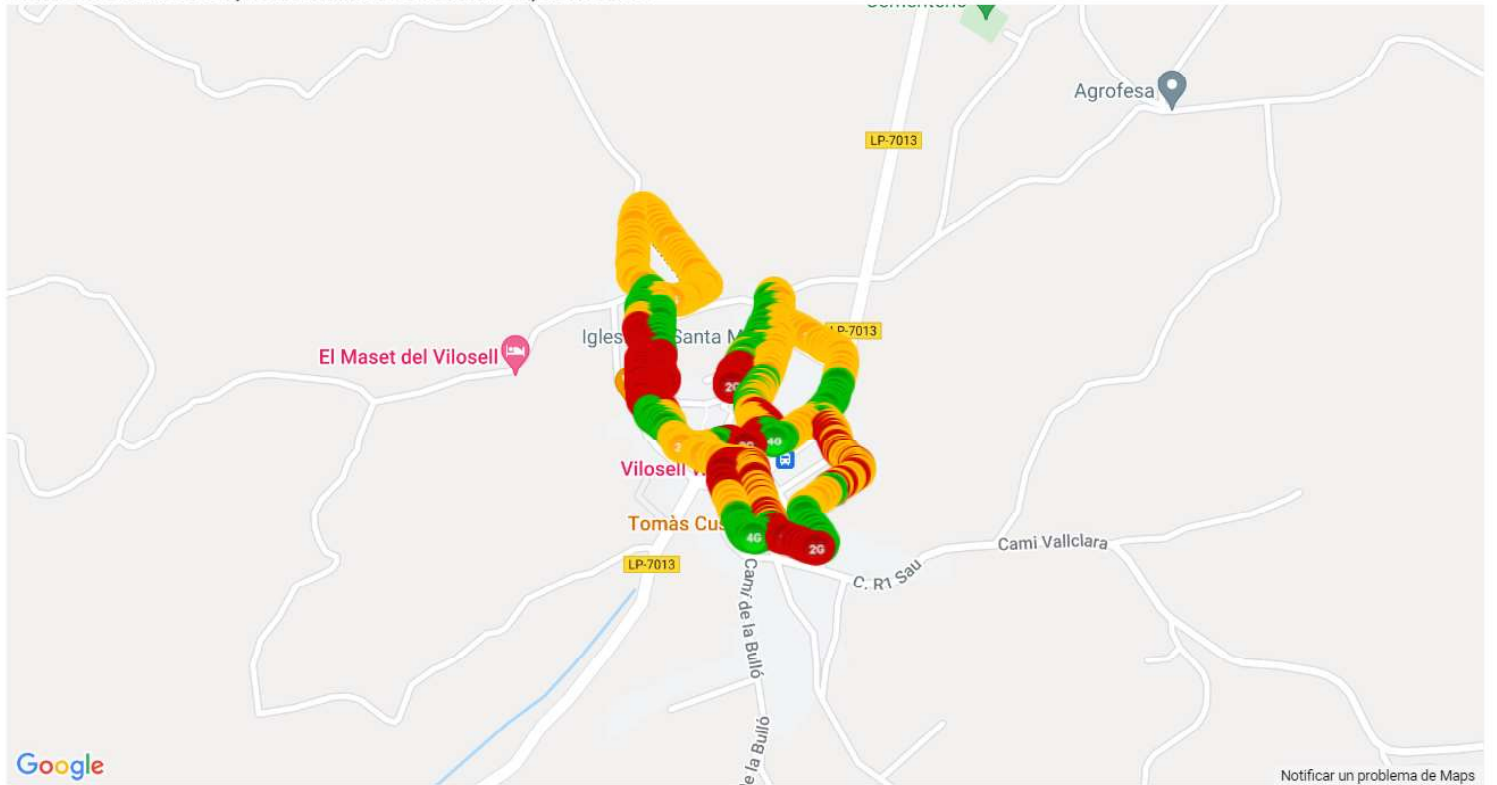
# User perceived mobile network coverage during tests



mobile network coverage during tests for operators 21401\_vodafone ES



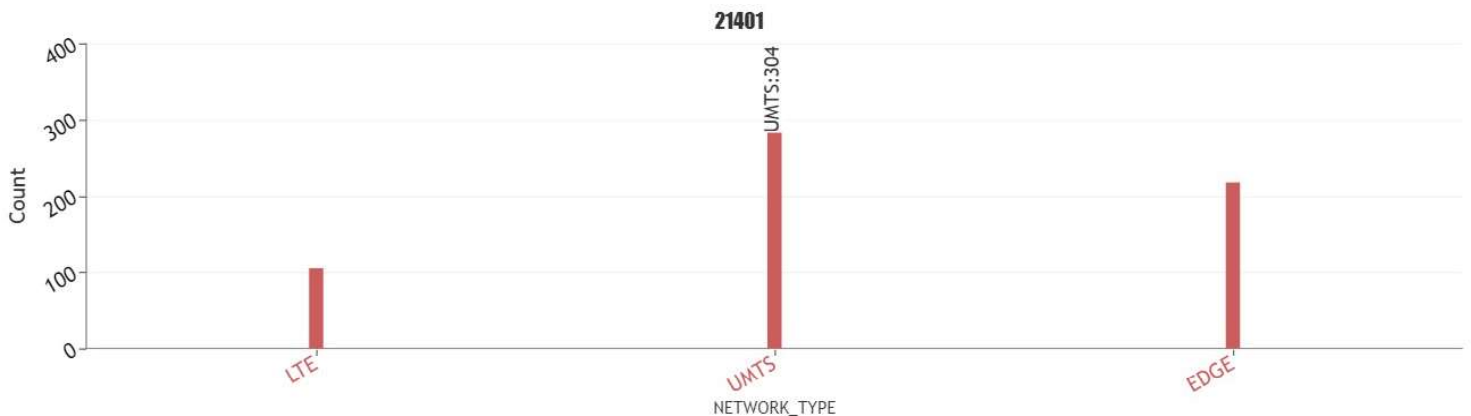
VODAFONE SERVEI DE VEU, ACCÉS A XARXES DE L'OPERADOR, EL VILOSELL



## RAN technology statistics per mobile network operator for 21401\_vodafone ES

Network Type	21401
5G	0.0000%
4G	16.8790%
3G	48.4076%
2G	34.7134%
CDMA	0.0000%
NONNETWORK	0.0000%
Total Geo samples	628

## RAN technology distribution chart per mobile network operator for 21401\_vodafone ES

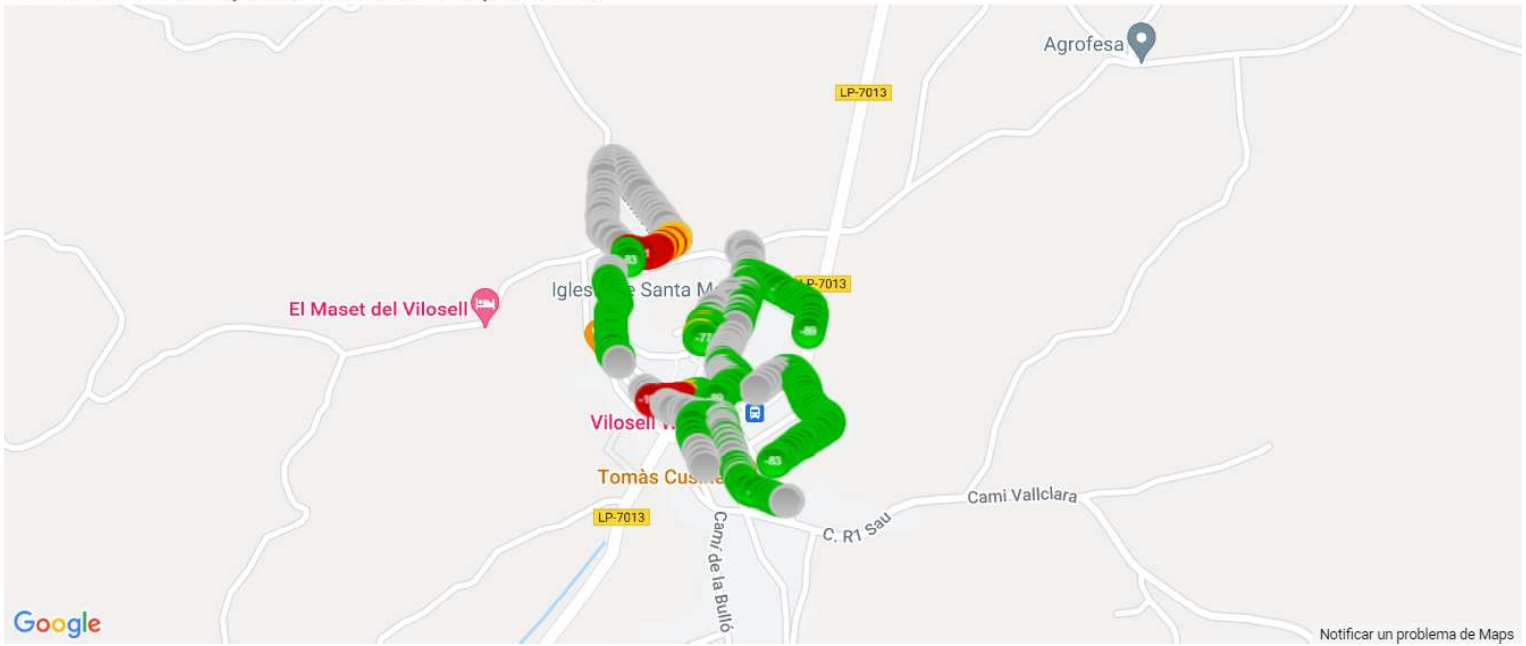


# RSSI view



RSSI KPI statistics per mobile operator for operator 21401\_vodafone ES

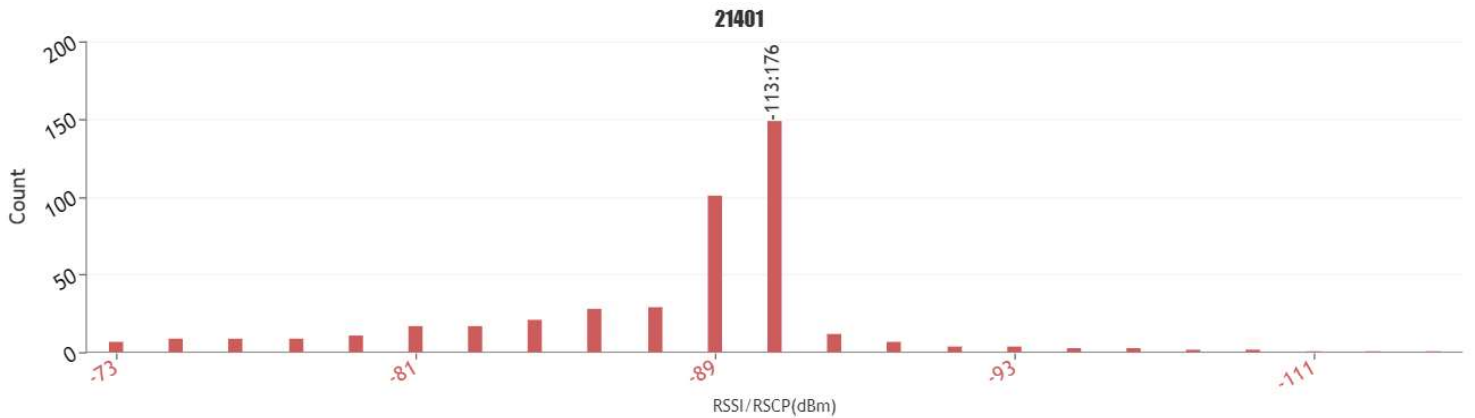
VODAFONE SERVEI DE VEU, MAPA DE NIVELL DE SENYAL, EL VILOSELL



RSSI KPI statistics per mobile operator for 21401\_vodafone ES

Operators	21401
<b>&gt;= -89dBm</b>	51.8987 % (count : 246)
<b>B/w -99dBm to -90dBm</b>	6.1181 % (count : 29)
<b>B/w -112dBm to -100dBm</b>	4.8523 % (count : 23)
<b>&lt;= -113dBm</b>	37.1308 % (count : 176)
Total Geo samples	474

RSSI distribution chart per mobile operator for 21401\_vodafone ES



# RantCell User QoE test report



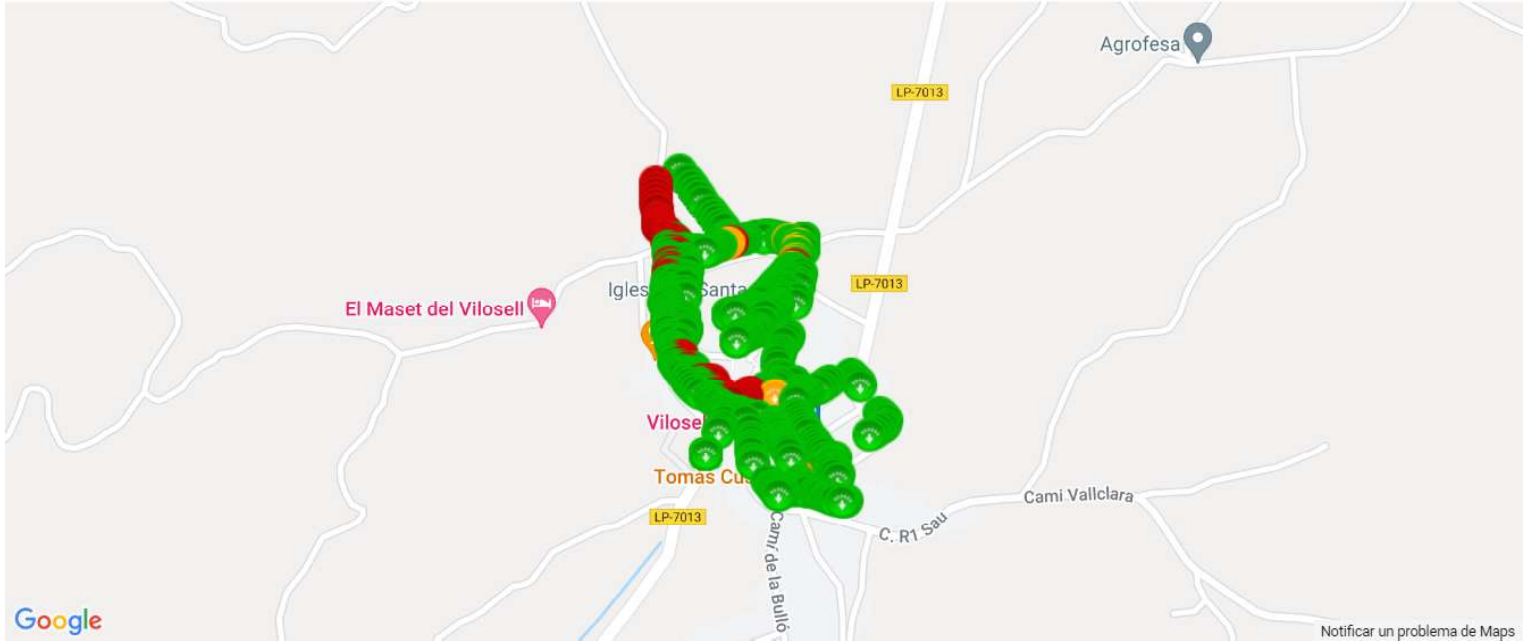
OperatorName	21401_vodafone ES
Test phone Model/Models	Samsung SM-A226B
Report Generation Time	Mar 28, 2022 1:16:39 PM
Test StartTime	Mar 28, 2022 10:21:14 AM
Test EndTime	Mar 28, 2022 10:42:02 AM
Download Speed Test	Yes

# Download speed test report

Download speed test view for 21401\_vodafone ES



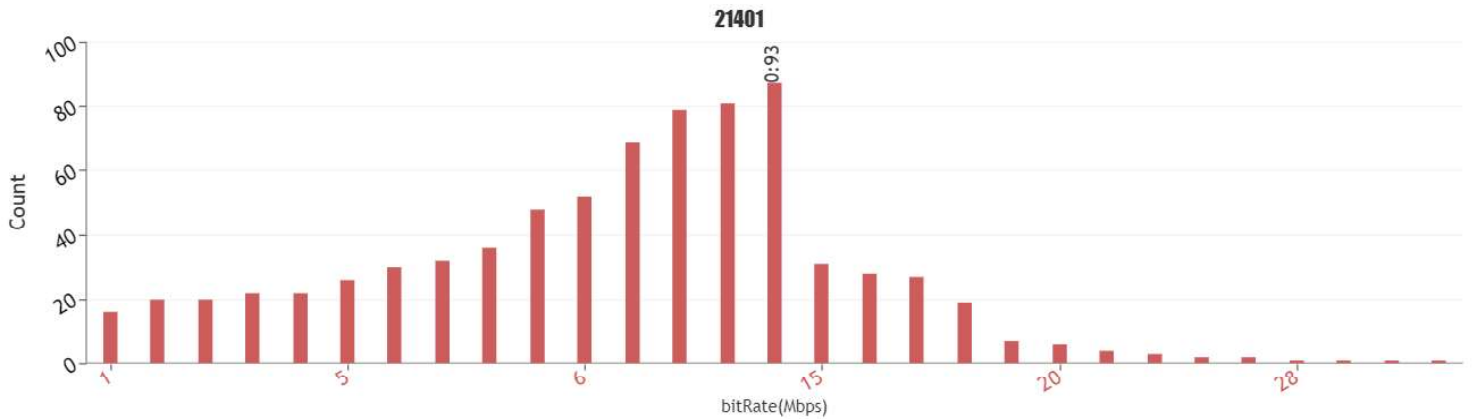
## VODAFONE SERVEI DE DADES, MAPA DE VELOCITATS DE DESCÀRREGA, EL VILOSELL



## Download test KPI statistics per mobile operator for 21401\_vodafone ES

Operators	21401
above 1.2Mbps	86.7779 % (count : 676)
0.4Mbps - 1.2Mbps	1.4121 % (count : 11)
0Mbps - 0.4Mbps	11.8100 % (count : 92)
Average (mbps)	8.78
Peak Speed (mbps)	29.49
Lowest Recorded (mbps)	0
Total Geo samples	779

## Download test distribution chart per mobile operators for 21401\_vodafone ES





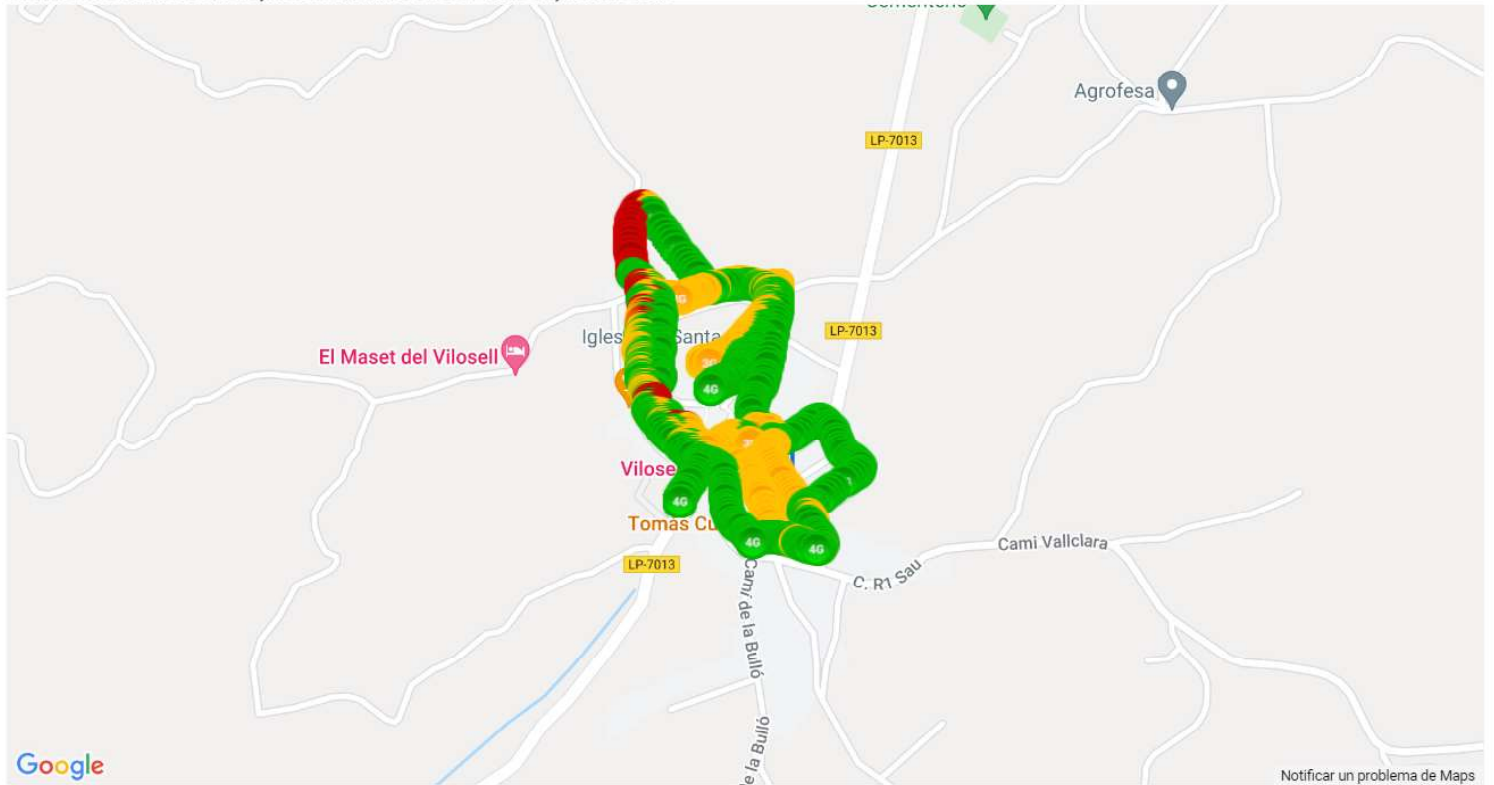
# User perceived mobile network coverage during tests



mobile network coverage during tests for operators 21401\_vodafone ES



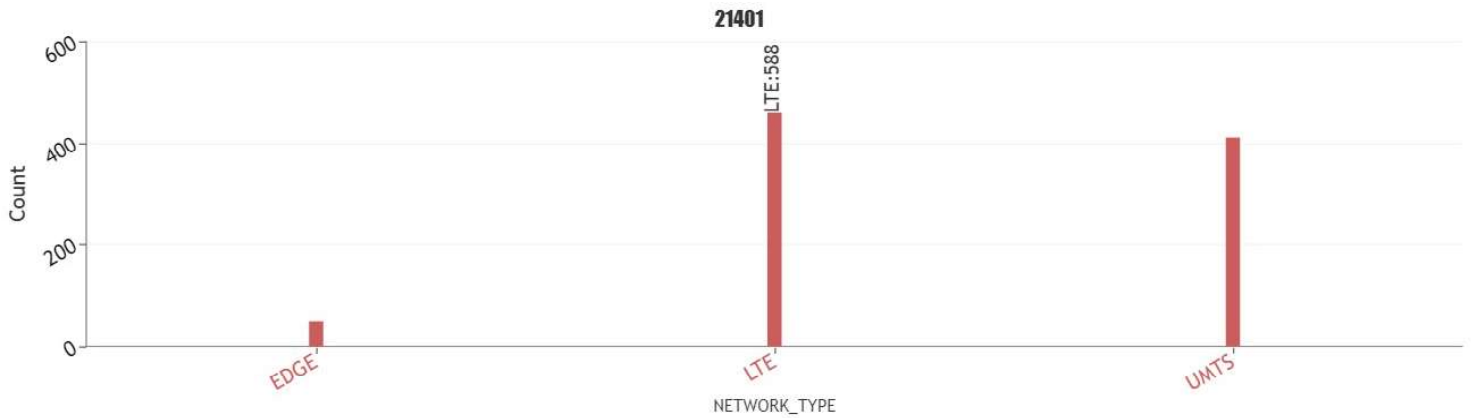
VODAFONE SERVEI DE DADES, ACCÉS A XARXES DE L'OPERADOR, EL VILOSELL



## RAN technology statistics per mobile network operator for 21401\_vodafone ES

Network Type	21401
5G	0.0000%
4G	56.0000%
3G	39.2381%
2G	4.7619%
CDMA	0.0000%
NONNETWORK	0.0000%
Total Geo samples	1050

## RAN technology distribution chart per mobile network operator for 21401\_vodafone ES



## RSRP view

RSRP KPI statistics per mobile operator for operator 21401\_vodafone ES

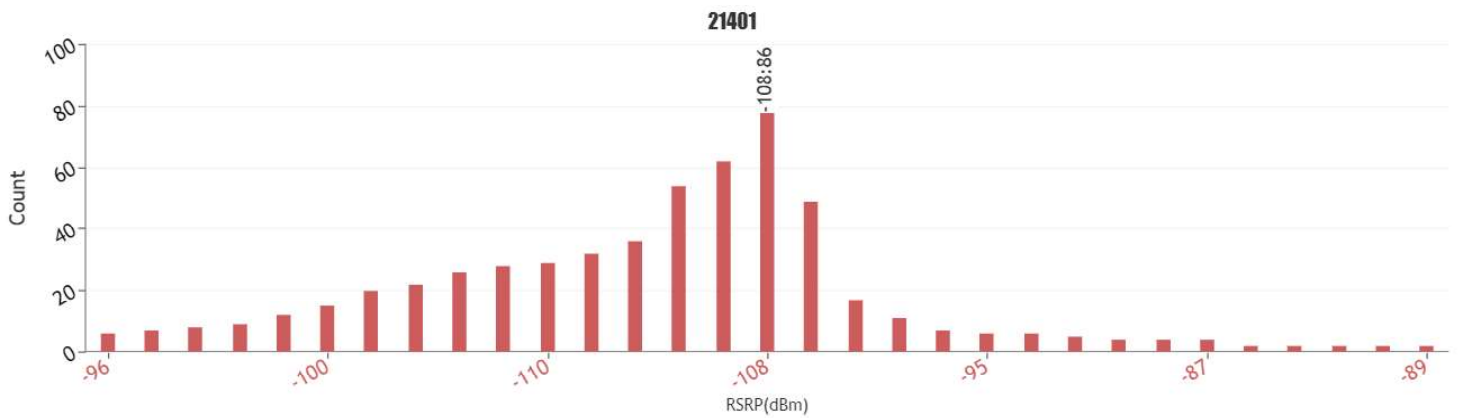
VODAFONE SERVEI DE DADES, MAPA DE NIVELL DE SENYAL 4G, EL VILOSELL



RSRP KPI statistics per mobile operator for 21401\_vodafone ES

Operators	21401
<b>&gt;= to -89dBm</b>	1.3913 % (count : 8)
<b>B/w -99dBm to -90dBm</b>	14.7826 % (count : 85)
<b>B/w -112dBm to -100dBm</b>	80.3478 % (count : 462)
<b>&lt;= -113dBm</b>	3.4783 % (count : 20)
Total Geo samples	575

RSRP distribution chart per mobile operator for 21401\_vodafone ES

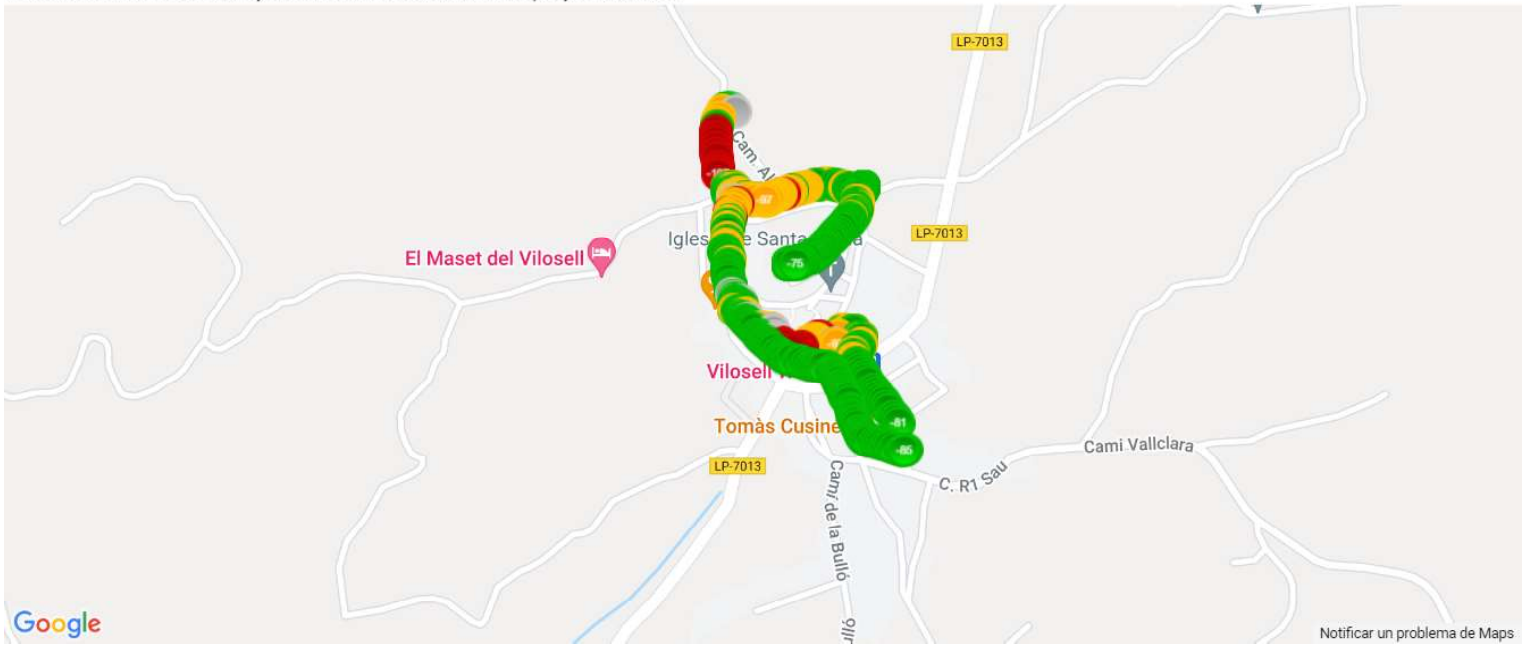


# RSSI view



RSSI KPI statistics per mobile operator for operator 21401\_vodafone ES

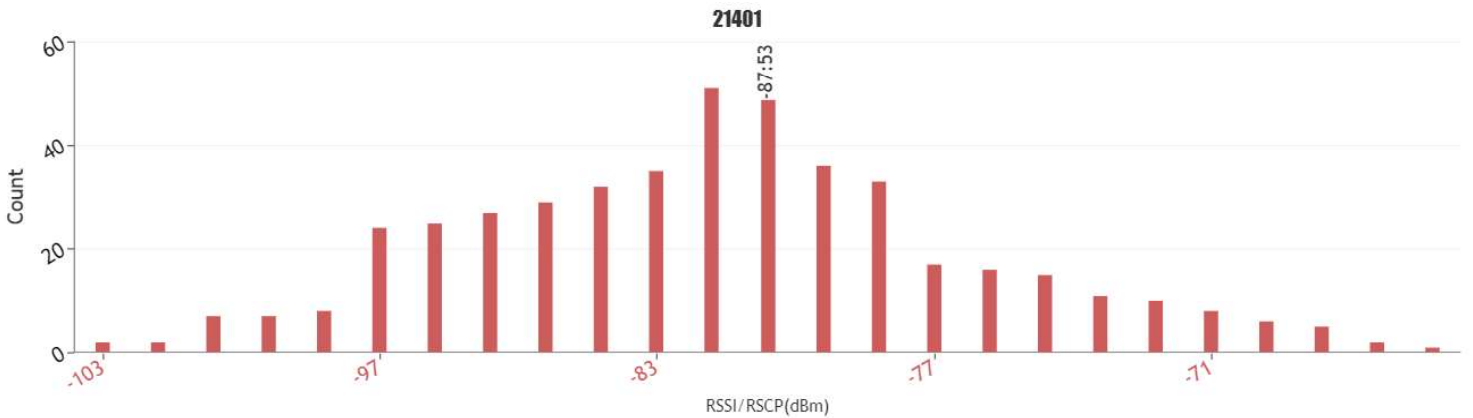
VODAFONE SERVEI DE DADES, MAPA DE NIVELL DE SENYAL 2G/3G, EL VILOSELL



RSSI KPI statistics per mobile operator for 21401\_vodafone ES

Operators	21401
<b>&gt;= -89dBm</b>	61.4719 % (count : 284)
<b>B/w -99dBm to -90dBm</b>	26.6234 % (count : 123)
<b>B/w -112dBm to -100dBm</b>	5.6277 % (count : 26)
<b>&lt; -113dBm</b>	6.2771 % (count : 29)
Total Geo samples	462

RSSI distribution chart per mobile operator for 21401\_vodafone ES



# RantCell User QoE test report

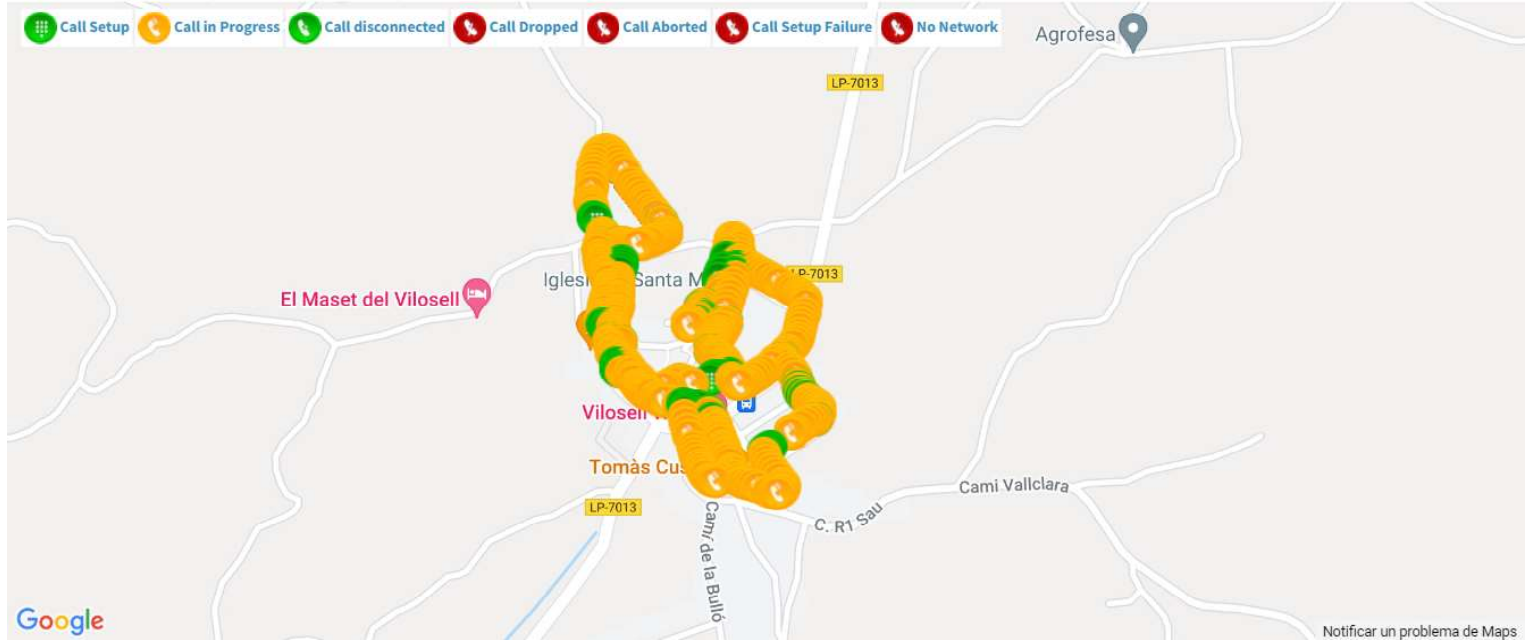


OperatorName	21403_Orange
Test phone Model/Models	Samsung SM-A226B
Report Generation Time	Mar 28, 2022 1:06:54 PM
Test StartTime	Mar 28, 2022 10:52:57 AM
Test EndTime	Mar 28, 2022 11:05:16 AM
Voice Call Test	Yes

## Voice call test report

Call test view of mobile operators for 21403\_Orange

### ORANGE SERVEI DE VEU, MAPA DE TRUCADES, EL VILOSELL



Call test KPI statistics per mobile operator for 21403\_Orange

Operators	21403
Total Calls Success	15
Total Calls Attempted	16
Total Calls Failed	1
Dropped Calls	1
Aborted Calls	0
CallSetup Failed	0
No Network <a href="#">?</a>	0
Attempted Voice call on 2G <a href="#">?</a>	0
Attempted Voice call on 3G <a href="#">?</a>	7
Successful CSFB call to 3G <a href="#">?</a>	8

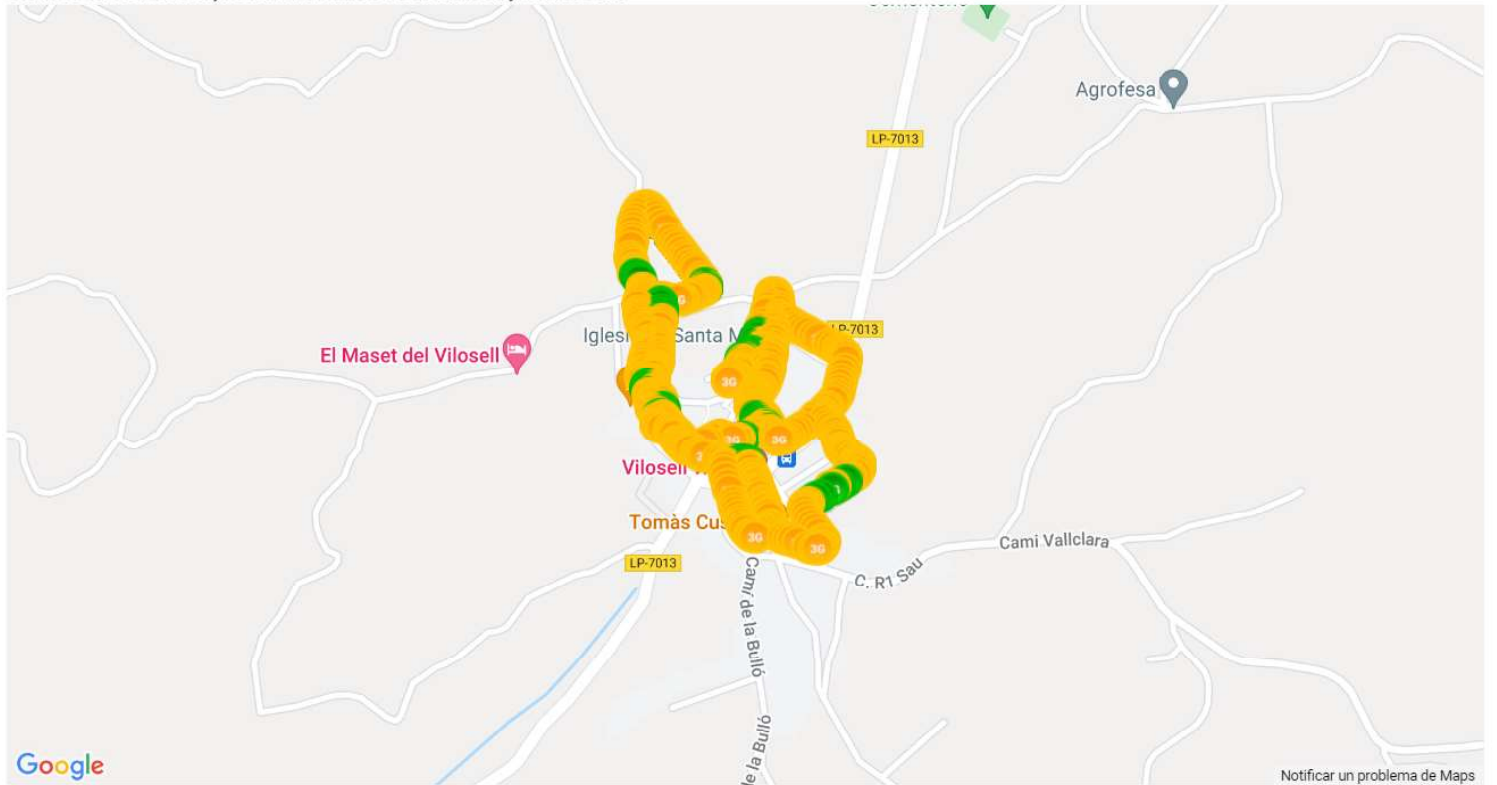
# User perceived mobile network coverage during tests



mobile network coverage during tests for operators 21403\_Orange



ORANGE SERVEI DE VEU, ACCÉS A XARXES DE L'OPERADOR, EL VILOSELL



## RAN technology statistics per mobile network operator for 21403\_Orange

Network Type	21403
5G	0.0000%
4G	10.2362%
3G	89.7638%
2G	0.0000%
CDMA	0.0000%
NONNETWORK	0.0000%
Total Geo samples	635

## RAN technology distribution chart per mobile network operator for 21403\_Orange





## RSSI view



RSSI KPI statistics per mobile operator for operator 21403\_Orange

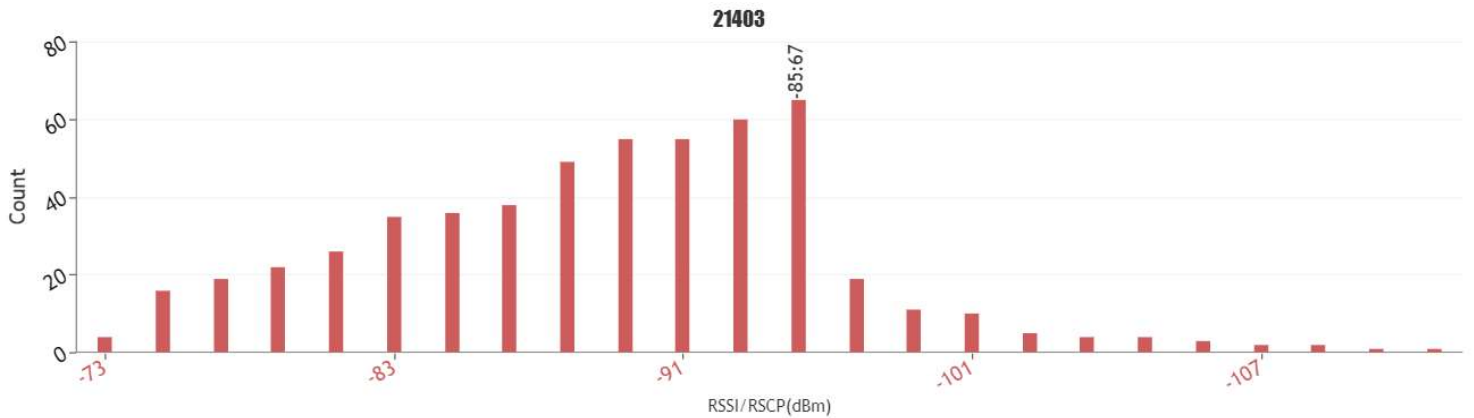
ORANGE SERVEI DE VEU, MAPA DE NIVELL DE SENYAL, EL VILOSELL



RSSI KPI statistics per mobile operator for 21403\_Orange

Operators	21403
<b>&gt;= -89dBm</b>	52.7574 % (count : 287)
<b>B/w -99dBm to -90dBm</b>	31.9853 % (count : 174)
<b>B/w -112dBm to -100dBm</b>	5.1471 % (count : 28)
<b>&lt; -113dBm</b>	10.1103 % (count : 55)
Total Geo samples	544

RSSI distribution chart per mobile operator for 21403\_Orange



# RantCell User QoE test report



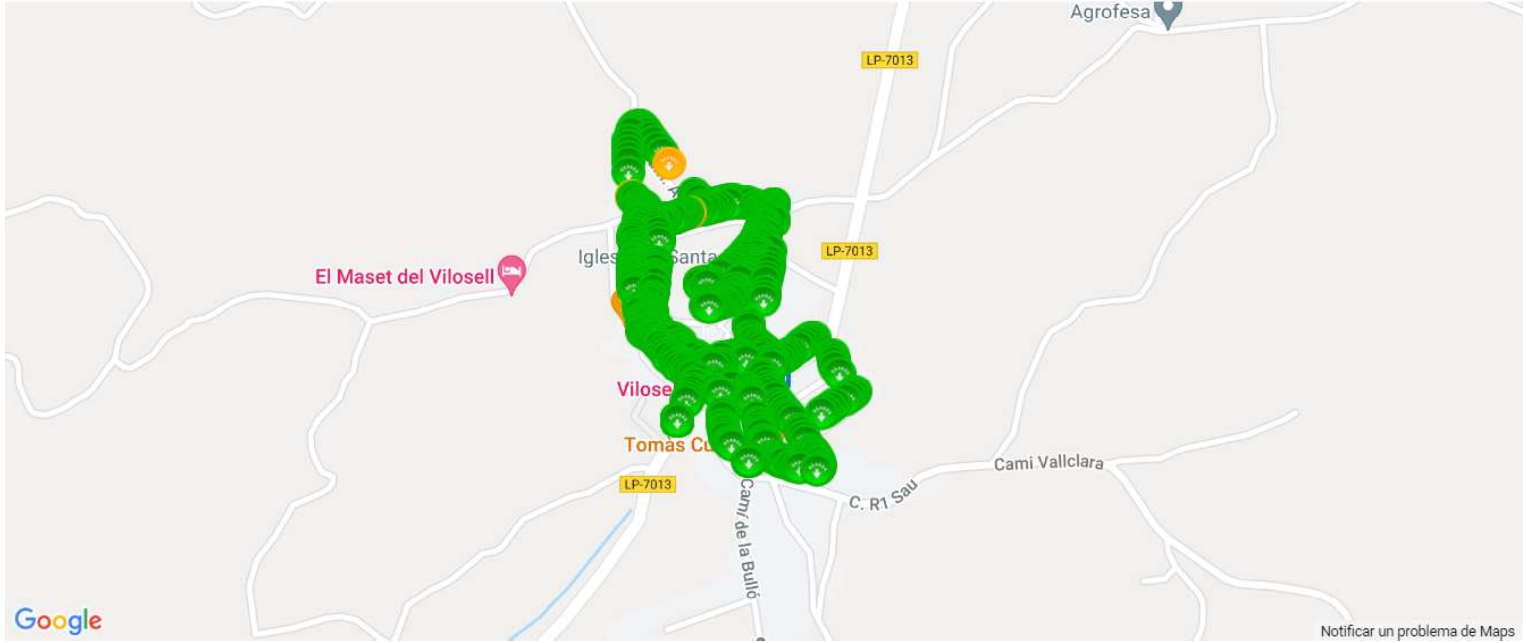
OperatorName	21403_Orange
Test phone Model/Models	Samsung SM-A226B
Report Generation Time	Mar 28, 2022 1:09:32 PM
Test StartTime	Mar 28, 2022 10:21:28 AM
Test EndTime	Mar 28, 2022 10:42:02 AM
Download Speed Test	Yes

## Download speed test report

Download speed test view for 21403\_Orange



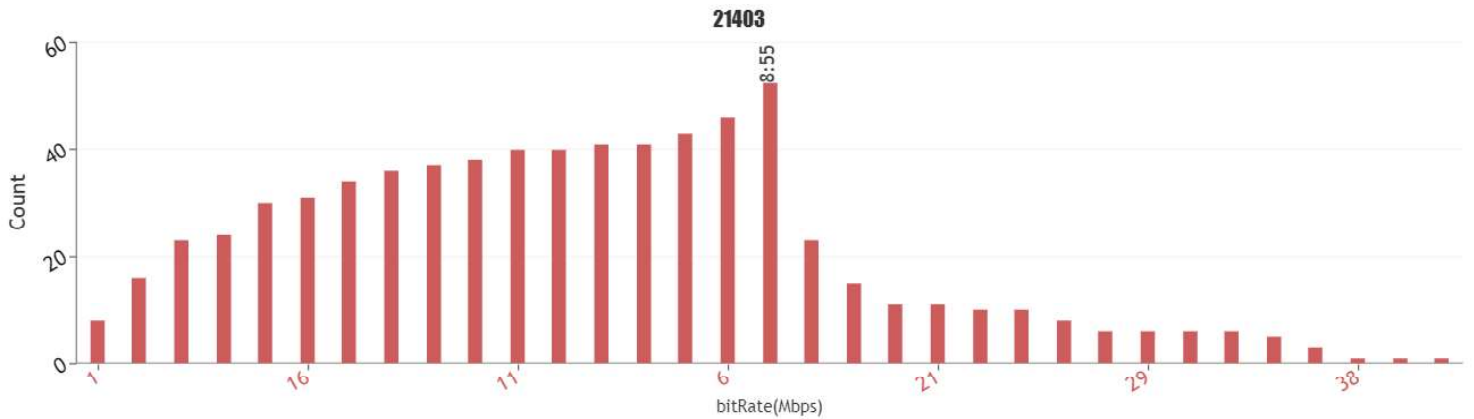
### ORANGE SERVEI DE DADES, MAPA DE VELOCITATS DE DESCÀRREGA, EL VILOSELL



### Download test KPI statistics per mobile operator for 21403\_Orange

Operators	21403
above 1.2Mbps	99.5751 % (count : 703)
0.4Mbps - 1.2Mbps	0.4249 % (count : 3)
0Mbps - 0.4Mbps	0 % (count : 0)
Average (mbps)	11.45
Peak Speed (mbps)	37.96
Lowest Recorded (mbps)	0.95
Total Geo samples	706

### Download test distribution chart per mobile operators for 21403\_Orange



# User perceived mobile network coverage during tests



mobile network coverage during tests for operators 21403\_Orange



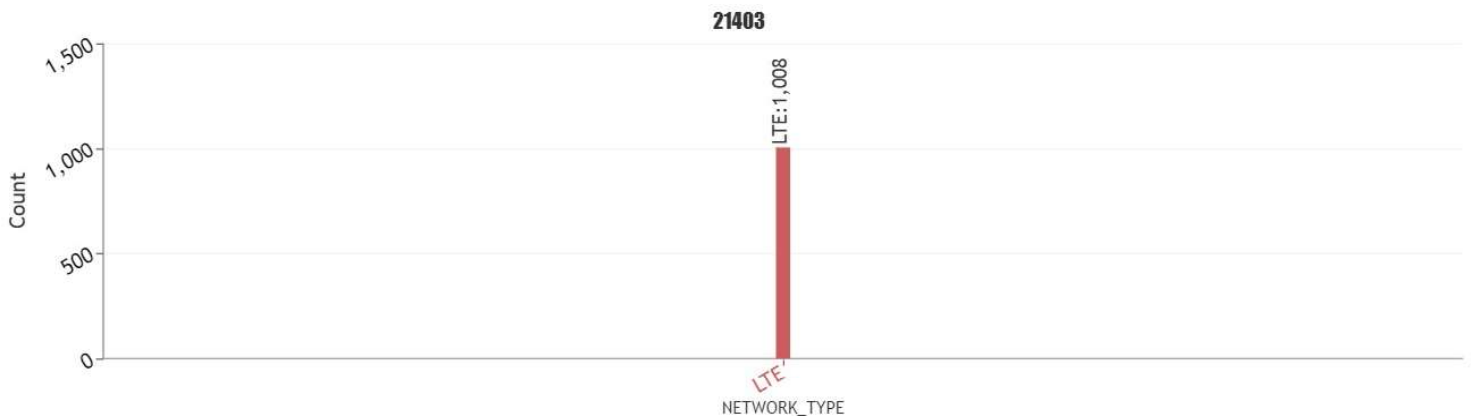
ORANGE SERVEI DE DADES, ACCÉS A XARXES DE L'OPERADOR, EL VILOSELL



## RAN technology statistics per mobile network operator for 21403\_Orange

Network Type	21403
5G	0.0000%
4G	100.0000%
3G	0.0000%
2G	0.0000%
CDMA	0.0000%
NONNETWORK	0.0000%
Total Geo samples	1008

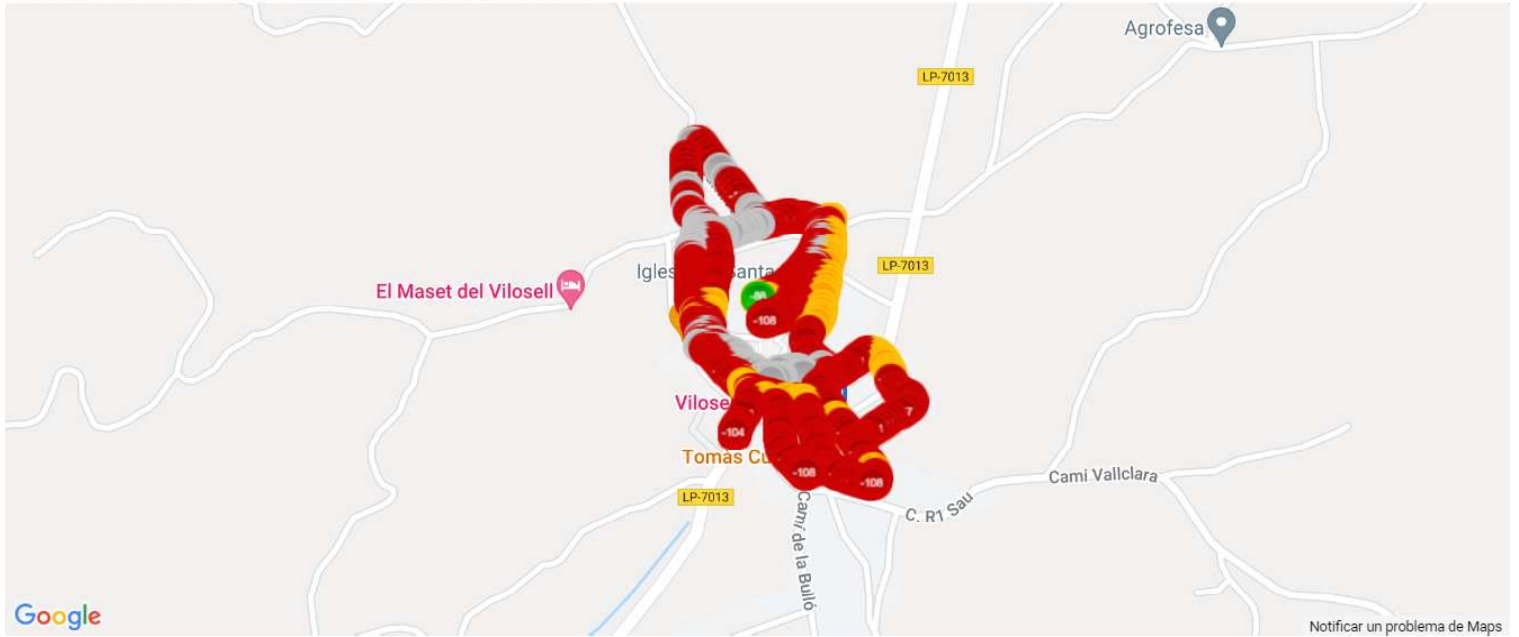
## RAN technology distribution chart per mobile network operator for 21403\_Orange



## RSRP view

RSRP KPI statistics per mobile operator for operator 21403\_Orange

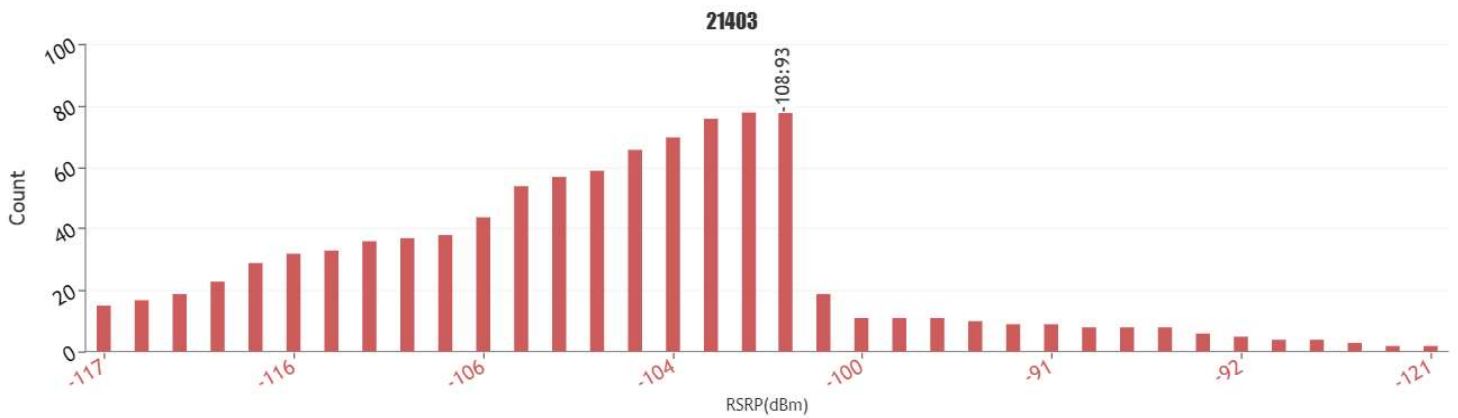
ORANGE SERVEI DE DADES, MAPA DE NIVELL DE SENYAL, EL VILOSELL



RSRP KPI statistics per mobile operator for 21403\_Orange

Operators	21403
<b>&gt;= to -89dBm</b>	0.5964 % (count : 6)
<b>B/w -99dBm to -90dBm</b>	9.9404 % (count : 100)
<b>B/w -112dBm to -100dBm</b>	70.6759 % (count : 711)
<b>&lt;= -113dBm</b>	18.7873 % (count : 189)
Total Geo samples	1006

RSRP distribution chart per mobile operator for 21403\_Orange



## ELS OMELLONS: RESUM MESURES

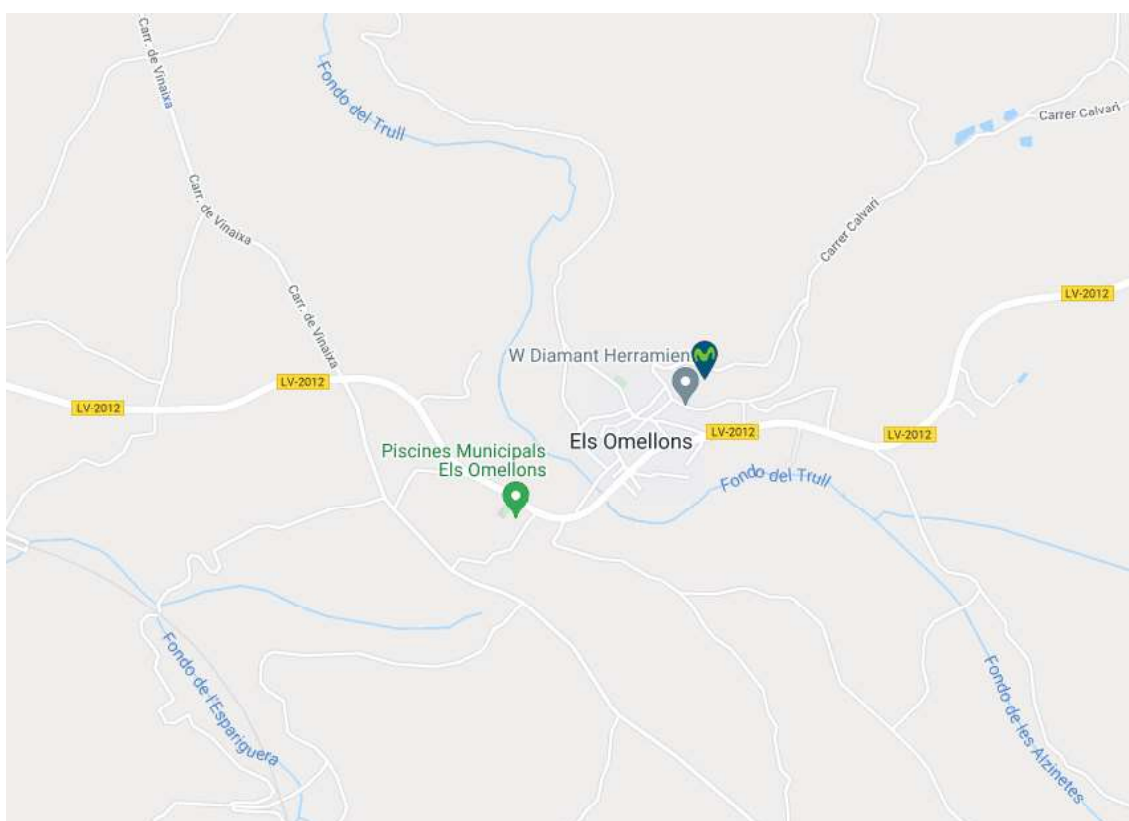
OPERADOR	SERVEI DE VEU	SERVEI DE DADES
MOVISTAR	CORRECTE (3G)	CORRECTE 50% (3G/4G)
VODAFONE	CORRECTE (2G)	CORRECTE (4G)
ORANGE	CORRECTE (2G/3G)	DEFICIENT 20% (2G/3G)

Comentaris:

No es troben deficiències significatives de servei de veu o dades del operador Vodafone. Movistar té una cobertura de dades deficient al 50% del poble (segons percentatge de velocitats inferiors a 1,2 Mbps) Orange té una cobertura de dades deficient al 80% del poble (segons percentatge de velocitats inferiors a 1,2 Mbps).

Es disposa de fibra de Adamo.

Servei de Movistar, Vodafone i Orange a l'extrem nord-est del municipi. En el cas d'Orange, es un repetidor que no apareix al mapa.







Omellons



### TELEFONICA MOVILES ESPAÑA, S.A.U.

Estación: 2500247

Dirección: ZN Poligono 1 Parcela 48.  
OMELLONS (ELS), LLEIDA

Posición: 41.503147 lat / 0.962333 lng

Elevación: **Sólo PRO**

ID	BANDA	MODOS*
1	935.10 - 949.90	2G

### VODAFONE ESPAÑA, S.A.

Estación: 112982

Dirección: ZN POLIGONO 1 PARCELA 48.  
OMELLONS (ELS), LLEIDA

Posición: 41.503147 lat / 0.962333 lng

Elevación: **Sólo PRO**

ID	BANDA	MODOS*
1	949.90 - 959.90	2G 3G
1	949.90 - 959.90	2G 3G

# RantCell User QoE test report



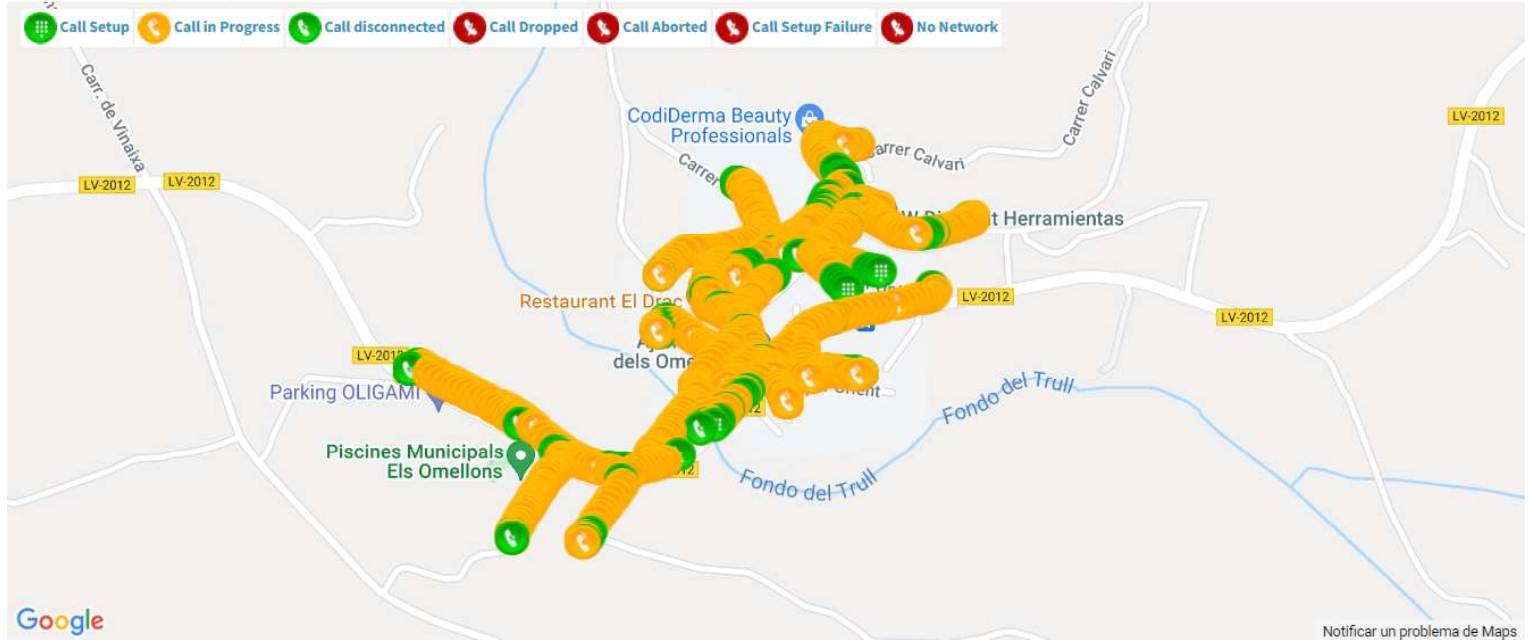
OperatorName	21407_Movistar
Test phone Model/Models	Samsung SM-A226B
Report Generation Time	Mar 28, 2022 10:47:36 AM
Test StartTime	Mar 25, 2022 10:41:33 AM
Test EndTime	Mar 25, 2022 11:06:52 AM
Voice Call Test	Yes

# Voice call test report



Call test view of mobile operators for 21407\_Movistar

## MOVISTAR SERVEI DE VEU, MAPA DE TRUCADES, ELS OMELLONS



Call test KPI statistics per mobile operator for 21407\_Movistar

Operators	21407
Total Calls Success	31
Total Calls Attempted	32
Total Calls Failed	1
Dropped Calls	0
Aborted Calls	0
CallSetup Failed	1
No Network <a href="#">?</a>	0
Attempted Voice call on 2G <a href="#">?</a>	0
Attempted Voice call on 3G <a href="#">?</a>	31
Not Determined(Voice CallType) <a href="#">?</a>	1

## User perceived mobile network coverage during tests



mobile network coverage during tests for operators 21407\_Movistar



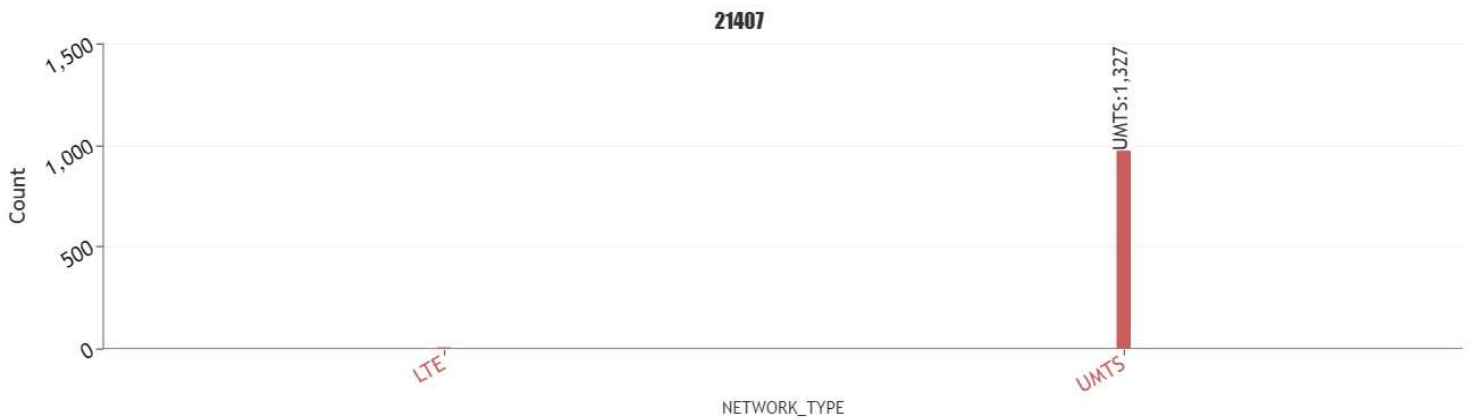
MOVISTAR SERVEI DE VEU, ACCÉS A XARXES DE L'OPERADOR, ELS OMELLONS



RAN technology statistics per mobile network operator for 21407\_Movistar

Network Type	21407
5G	0.0000%
4G	0.6737%
3G	99.3263%
2G	0.0000%
CDMA	0.0000%
NONNETWORK	0.0000%
Total Geo samples	1336

RAN technology distribution chart per mobile network operator for 21407\_Movistar

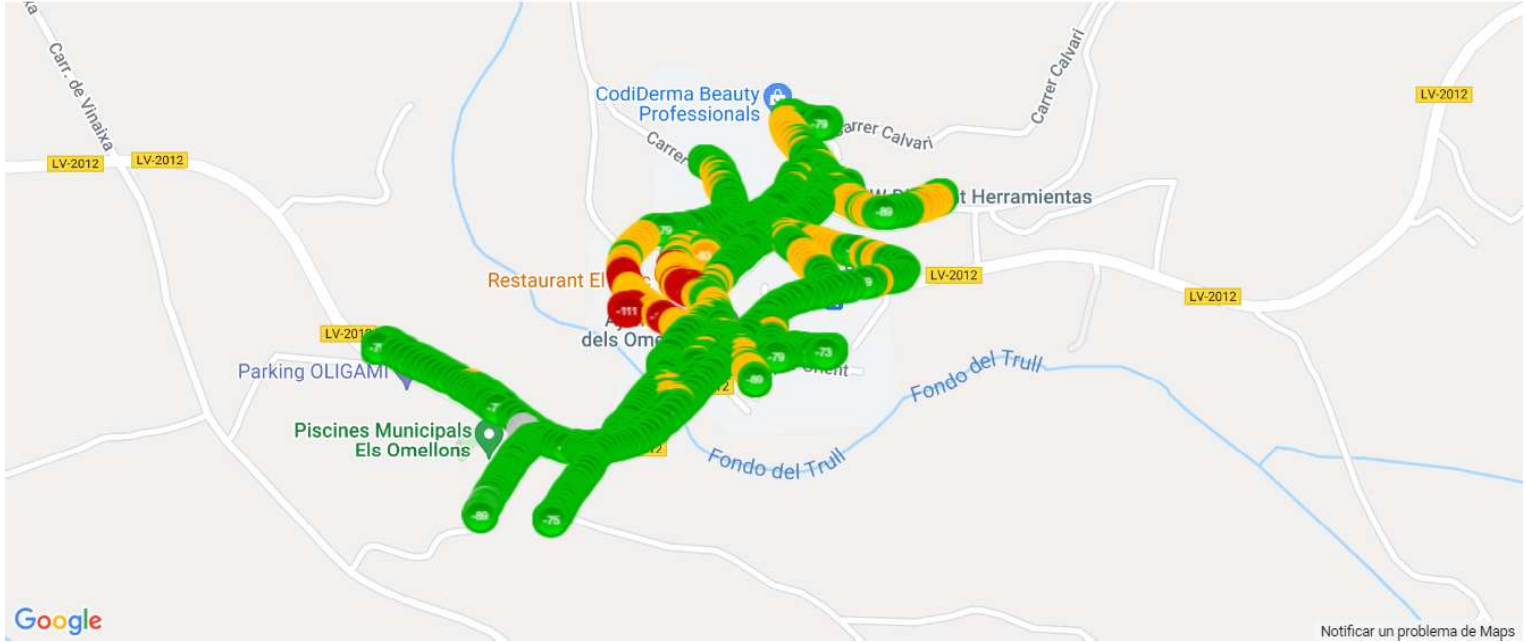


## RSSI view



RSSI KPI statistics per mobile operator for operator 21407\_Movistar

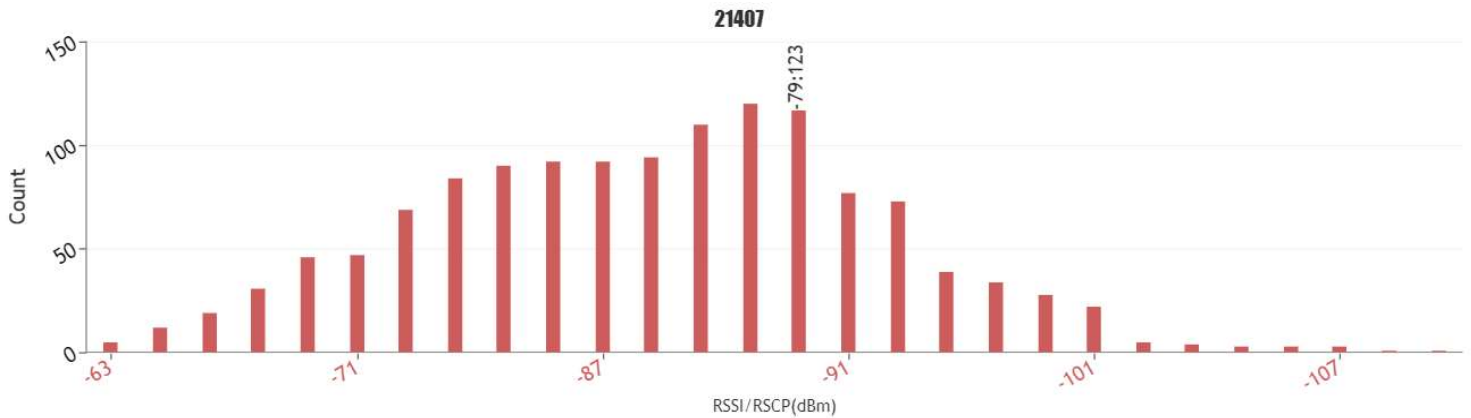
MOVISTAR SERVEI DE VEU, MAPA DE NIVELL DE SENYAL, ELS OMELLONS



RSSI KPI statistics per mobile operator for 21407\_Movistar

Operators	21407
<b>&gt;= -89dBm</b>	76.7898 % (count : 1019)
<b>B/w -99dBm to -90dBm</b>	18.9148 % (count : 251)
<b>B/w -112dBm to -100dBm</b>	2.8636 % (count : 38)
<b>&lt; -113dBm</b>	1.4318 % (count : 19)
Total Geo samples	1327

RSSI distribution chart per mobile operator for 21407\_Movistar



# RantCell User QoE test report



OperatorName	21407_Movistar
Test phone Model/Models	Samsung SM-A226B
Report Generation Time	Mar 28, 2022 10:52:05 AM
Test StartTime	Mar 25, 2022 10:41:30 AM
Test EndTime	Mar 25, 2022 11:05:23 AM
Download Speed Test	Yes





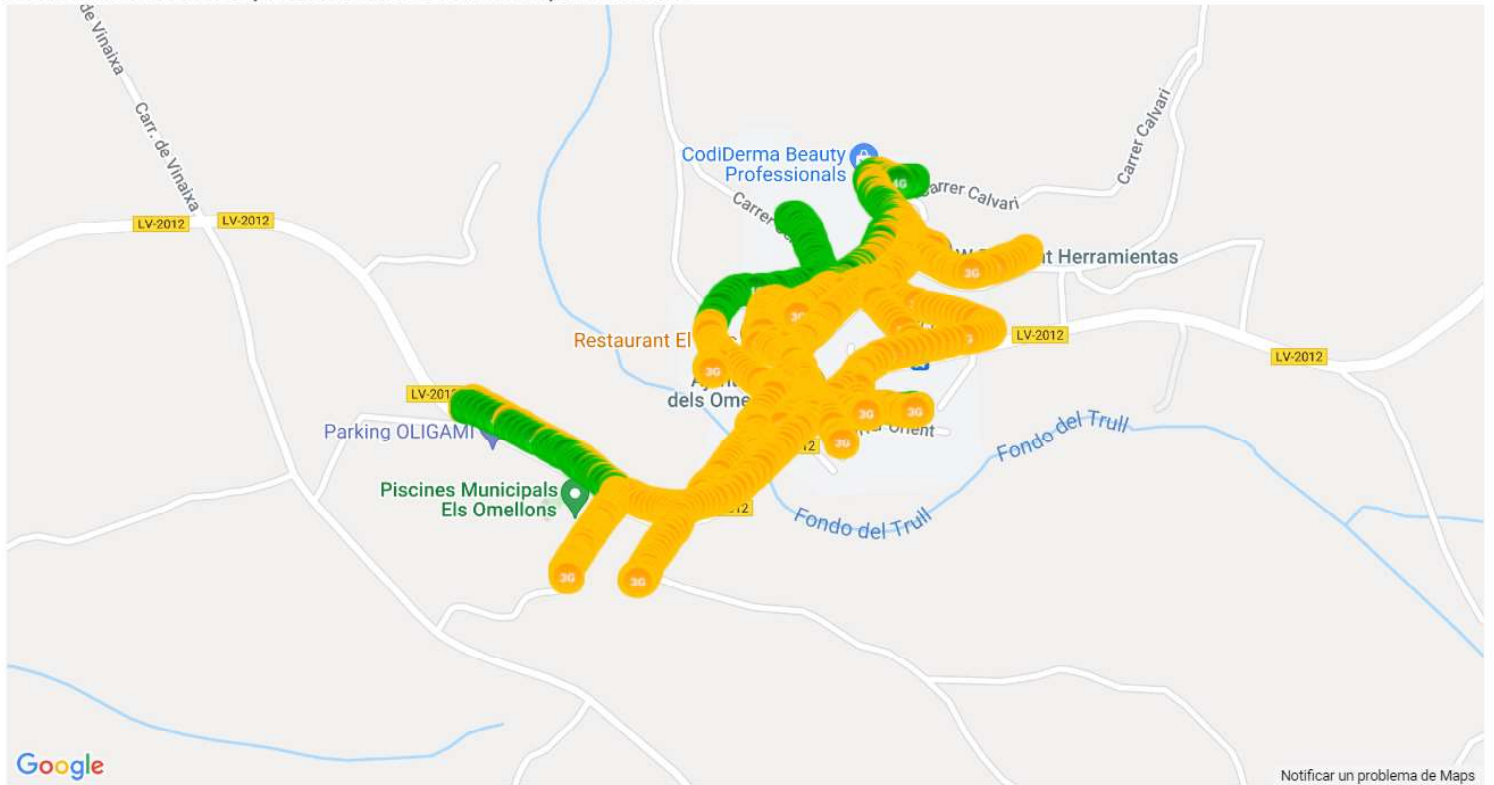
## User perceived mobile network coverage during tests



mobile network coverage during tests for operators 21407\_Movistar



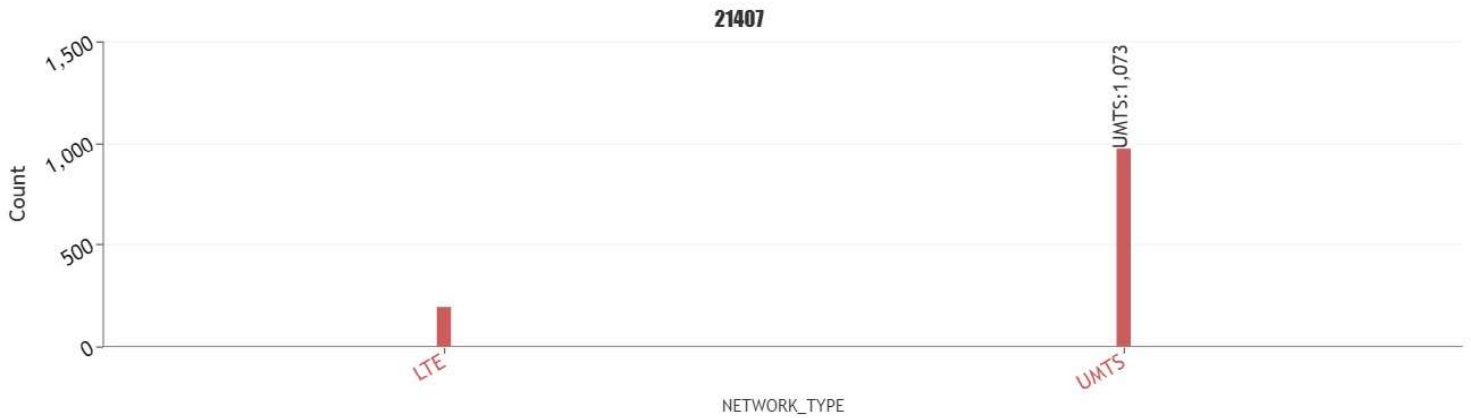
MOVISTAR SERVEI DE DADES, ACCÉS A XARXES DE L'OPERADOR, ELS OMELLONS



RAN technology statistics per mobile network operator for 21407\_Movistar

Network Type	21407
5G	0.0000%
4G	15.3785%
3G	84.6215%
2G	0.0000%
CDMA	0.0000%
NONNETWORK	0.0000%
Total Geo samples	1268

RAN technology distribution chart per mobile network operator for 21407\_Movistar



## RSRP view

RSRP KPI statistics per mobile operator for operator 21407\_Movistar

MOVISTAR SERVEI DE DADES, MAPA DE NIVELL DE SENYAL 4G, ELS OMELLONS



RSRP KPI statistics per mobile operator for 21407\_Movistar

21407	
0 %	(count : 0)
7.3684 %	(count : 14)
70.0000 %	(count : 133)
22.6316 %	(count : 43)
190	

RSRP distribution chart per mobile operator for 21407\_Movistar

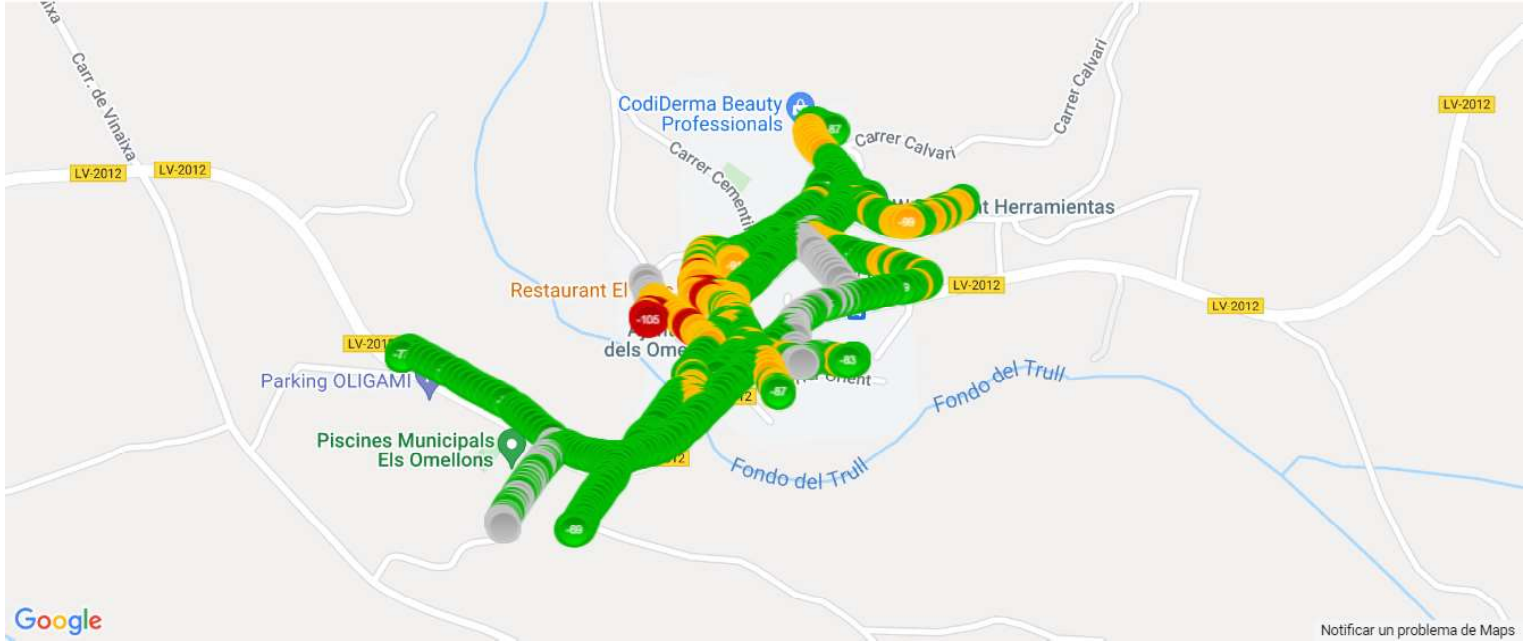


## RSSI view



RSSI KPI statistics per mobile operator for operator 21407\_Movistar

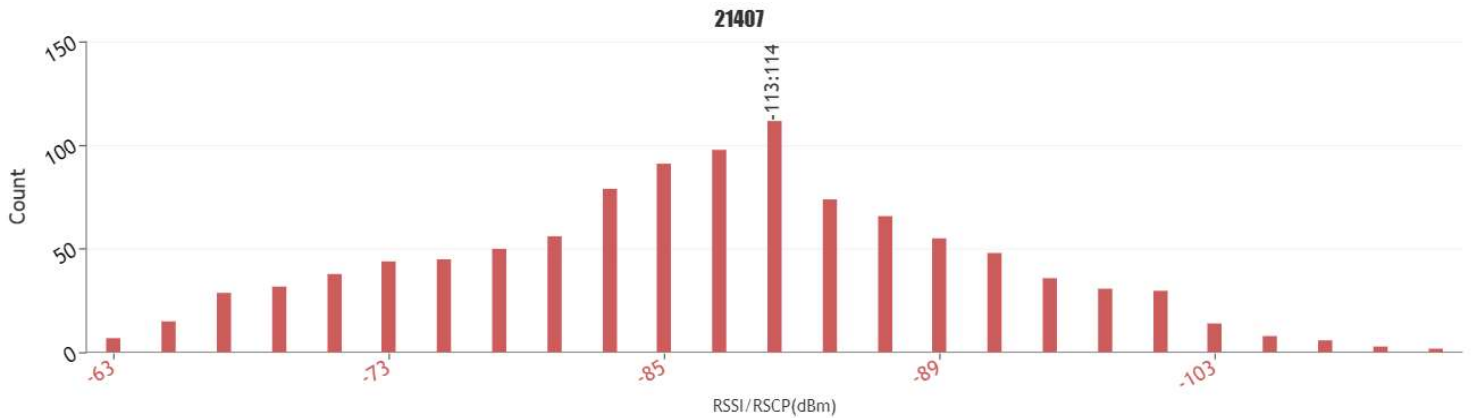
MOVISTAR SERVEI DE DADES, MAPA DE NIVELL DE SENYAL 3G, ELS OMELLONS



RSSI KPI statistics per mobile operator for 21407\_Movistar

Operators	21407
<b>&gt;= -89dBm</b>	66.1064 % (count: 708)
<b>B/w -99dBm to -90dBm</b>	20.4482 % (count: 219)
<b>B/w -112dBm to -100dBm</b>	2.8011 % (count: 30)
<b>&lt; -113dBm</b>	10.6443 % (count: 114)
Total Geo samples	1071

RSSI distribution chart per mobile operator for 21407\_Movistar



# RantCell User QoE test report



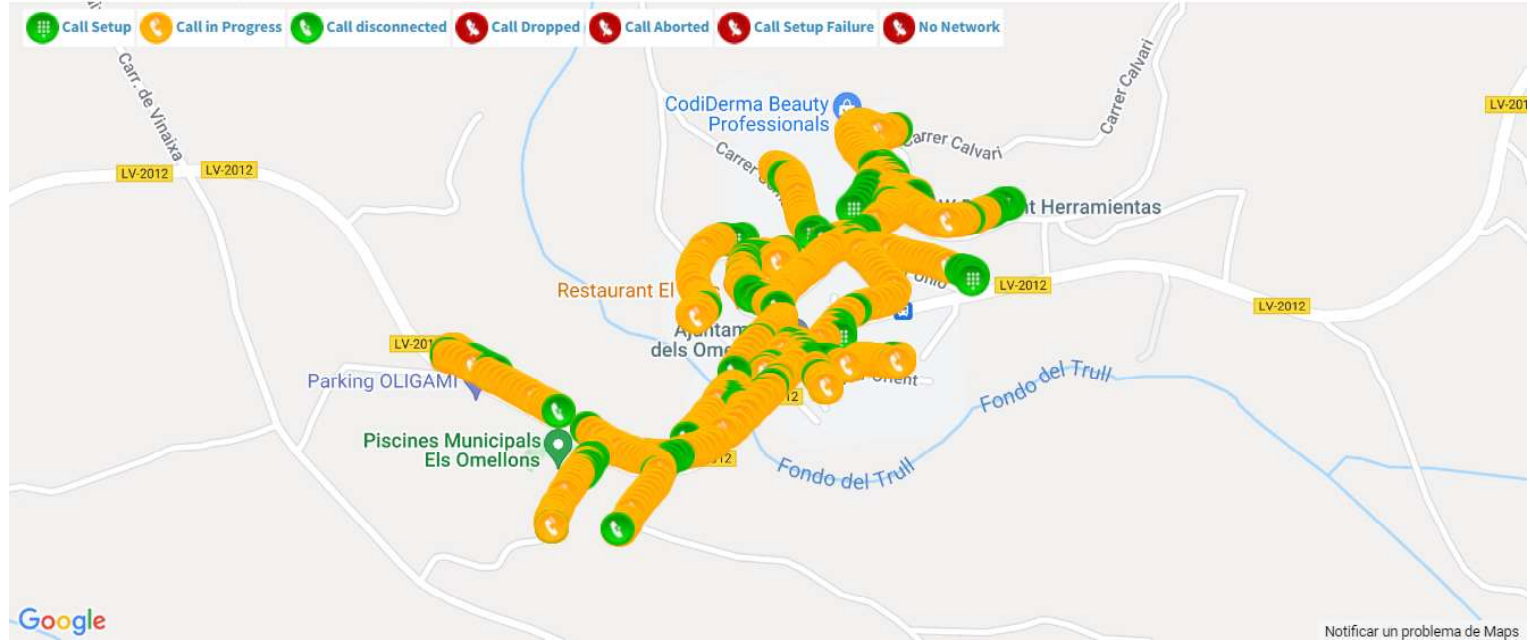
OperatorName	21401_vodafone ES
Test phone Model/Models	Samsung SM-A226B
Report Generation Time	Mar 28, 2022 11:21:01 AM
Test StartTime	Mar 25, 2022 10:41:32 AM
Test EndTime	Mar 25, 2022 11:06:29 AM
Voice Call Test	Yes

# Voice call test report



Call test view of mobile operators for 21401\_vodafone ES

## VODAFONE SERVEI DE VEU, MAPA DE TRUCADES, ELS OMELLONS



Call test KPI statistics per mobile operator for 21401\_vodafone ES

Operators	21401
Total Calls Success	26
Total Calls Attempted	26
Total Calls Failed	0
Dropped Calls	0
Aborted Calls	0
CallSetup Failed	0
No Network <a href="#">?</a>	0
Attempted Voice call on 2G <a href="#">?</a>	9
Attempted Voice call on 3G <a href="#">?</a>	0
Successful CSFB call to 2G <a href="#">?</a>	17



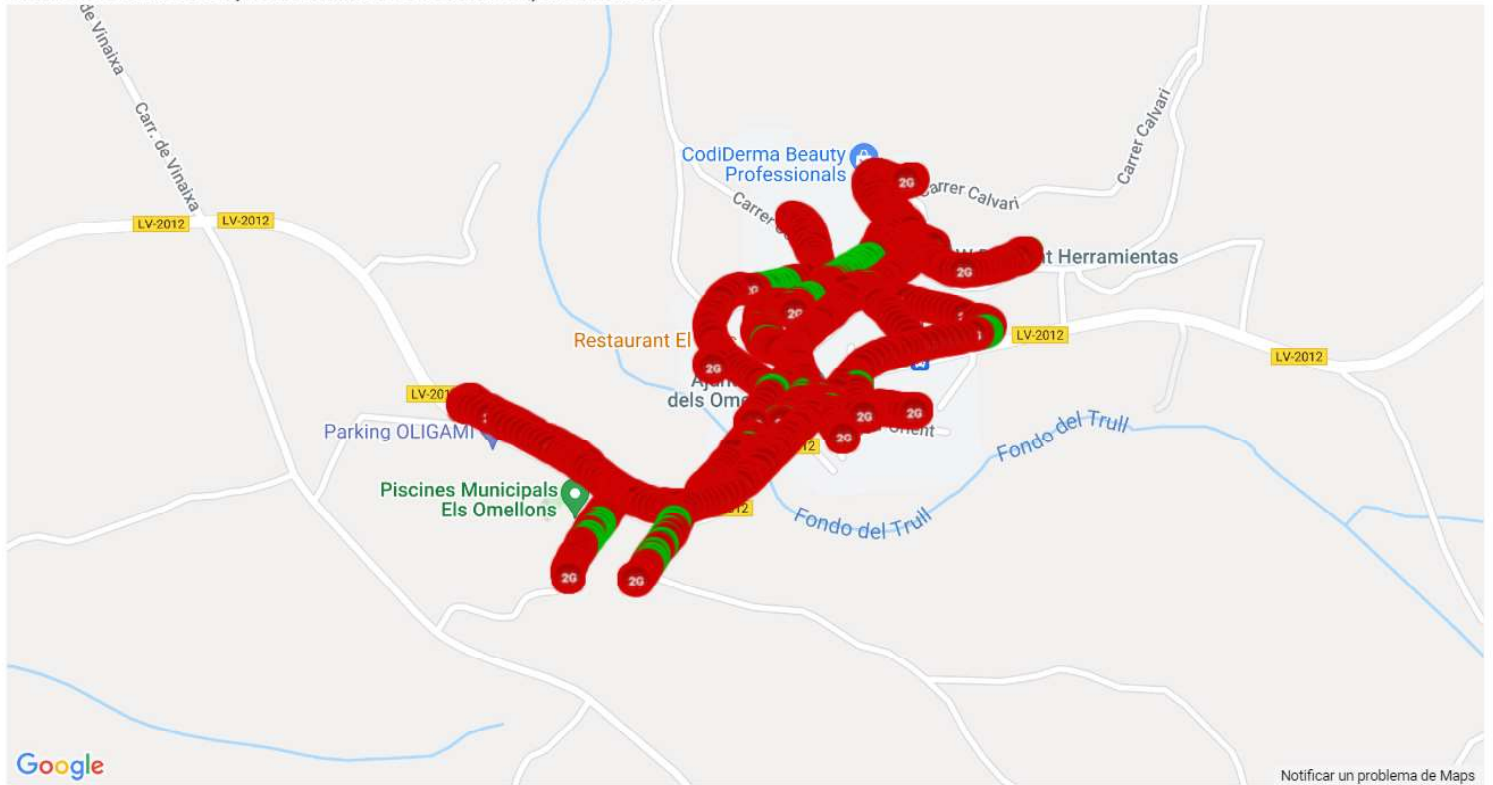
# User perceived mobile network coverage during tests



mobile network coverage during tests for operators 21401\_vodafone ES



VODAFONE SERVEI DE VEU, ACCÉS A XARXES DE L'OPERADOR, ELS OMELLONS



RAN technology statistics per mobile network operator for 21401\_vodafone ES

Network Type	21401
5G	0.0000%
4G	6.7873%
3G	0.0000%
2G	93.2127%
CDMA	0.0000%
NONNETWORK	0.0000%
Total Geo samples	1326

RAN technology distribution chart per mobile network operator for 21401\_vodafone ES



# RSSI view



RSSI KPI statistics per mobile operator for operator 21401\_vodafone ES

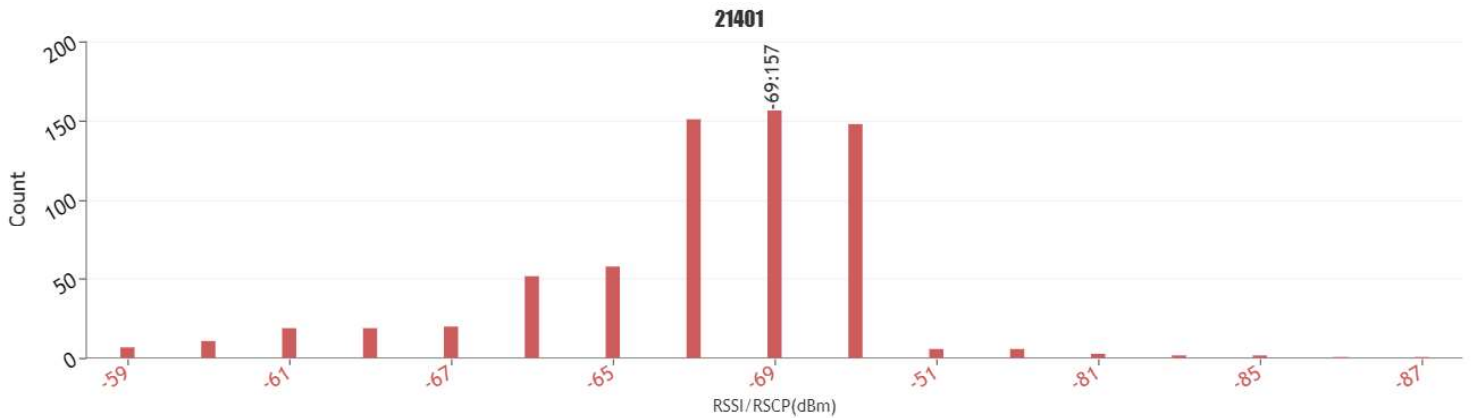
VODAFONE SERVEI DE VEU, MAPA DE NIVELL DE SENYAL, ELS OMELLONS



RSSI KPI statistics per mobile operator for 21401\_vodafone ES

Operators	21401
<b>&gt;= -89dBm</b>	100.0000 % (count : 663)
B/w -99dBm to -90dBm	0 % (count : 0)
B/w -112dBm to -100dBm	0 % (count : 0)
< -113dBm	0 % (count : 0)
Total Geo samples	663

RSSI distribution chart per mobile operator for 21401\_vodafone ES



# RantCell User QoE test report



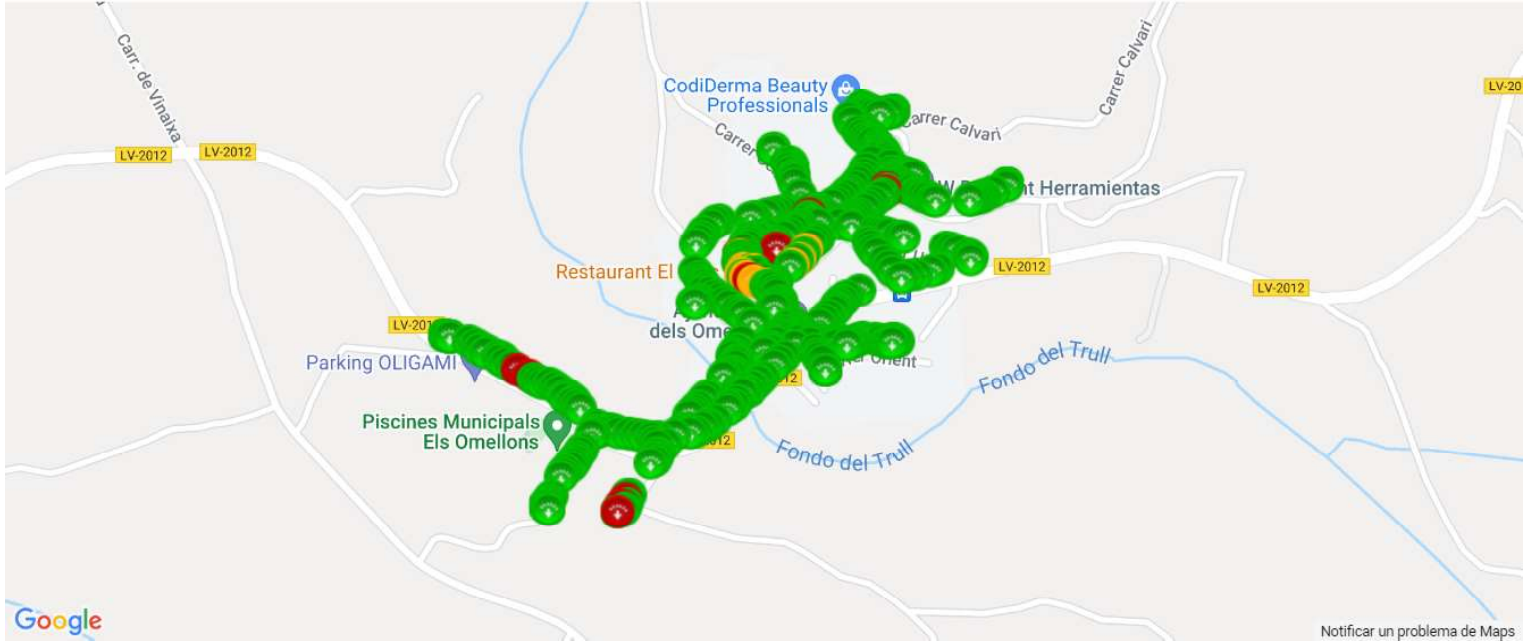
OperatorName	21401_vodafone ES
Test phone Model/Models	Samsung SM-A226B
Report Generation Time	Mar 28, 2022 11:15:16 AM
Test StartTime	Mar 25, 2022 10:41:31 AM
Test EndTime	Mar 25, 2022 11:05:17 AM
Download Speed Test	Yes

## Download speed test report

Download speed test view for 21401\_vodafone ES



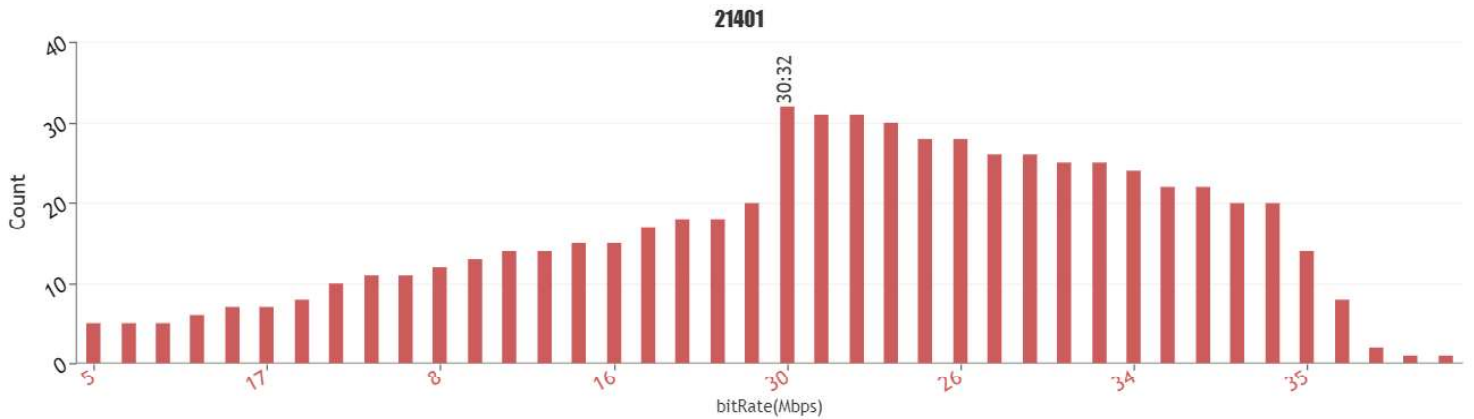
### VODAFONE SERVEI DE DADES, MAPA DE VELOCITATS DE DESCÀRREGA, ELS OMELLONS



### Download test KPI statistics per mobile operator for 21401\_vodafone ES

Operators	21401
above 1.2Mbps	95.9815 % (count : 621)
0.4Mbps - 1.2Mbps	1.7002 % (count : 11)
0Mbps - 0.4Mbps	2.3184 % (count : 15)
Average (mbps)	21.20
Peak Speed (mbps)	38.96
Lowest Recorded (mbps)	0
Total Geo samples	647

### Download test distribution chart per mobile operators for 21401\_vodafone ES



## User perceived mobile network coverage during tests



mobile network coverage during tests for operators 21401\_vodafone ES



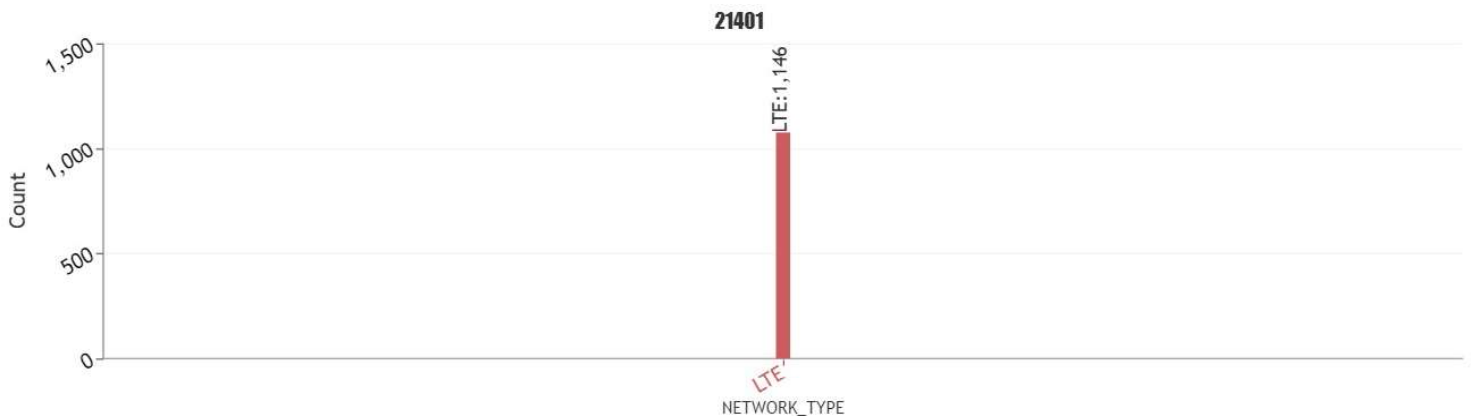
VODAFONE SERVEI DE DADES, ACCÉS A XARXES DE L'OPERADOR, ELS OMELLONS



RAN technology statistics per mobile network operator for 21401\_vodafone ES

Network Type	21401
5G	0.0000%
4G	100.0000%
3G	0.0000%
2G	0.0000%
CDMA	0.0000%
NONNETWORK	0.0000%
Total Geo samples	1146

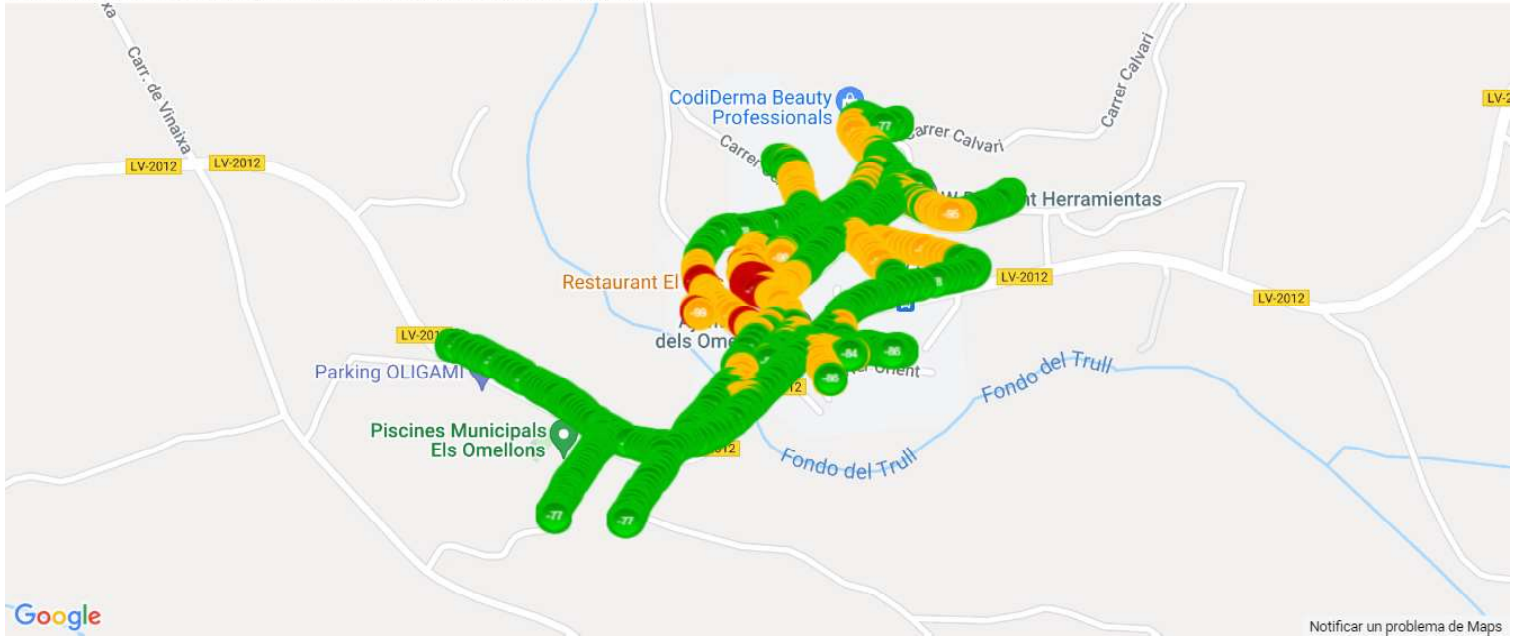
RAN technology distribution chart per mobile network operator for 21401\_vodafone ES



## RSRP view

RSRP KPI statistics per mobile operator for operator 21401\_vodafone ES

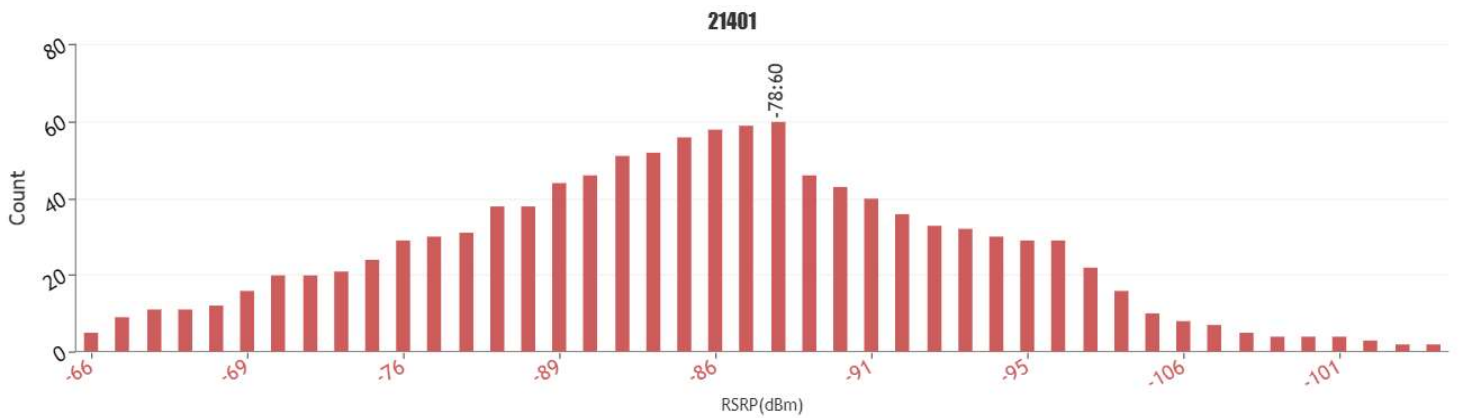
VODAFONE SERVEI DE DADES, MAPA DE NIVELL DE SENYAL, ELS OMELLONS



RSRP KPI statistics per mobile operator for 21401\_vodafone ES

Operators	21401
<b>&gt;= to -89dBm</b>	69.9825 % (count : 802)
<b>B/w -99dBm to -90dBm</b>	26.1780 % (count : 300)
<b>B/w -112dBm to -100dBm</b>	3.8394 % (count : 44)
<b>&lt;= -113dBm</b>	0 % (count : 0)
Total Geo samples	1146

RSRP distribution chart per mobile operator for 21401\_vodafone ES





# RantCell User QoE test report

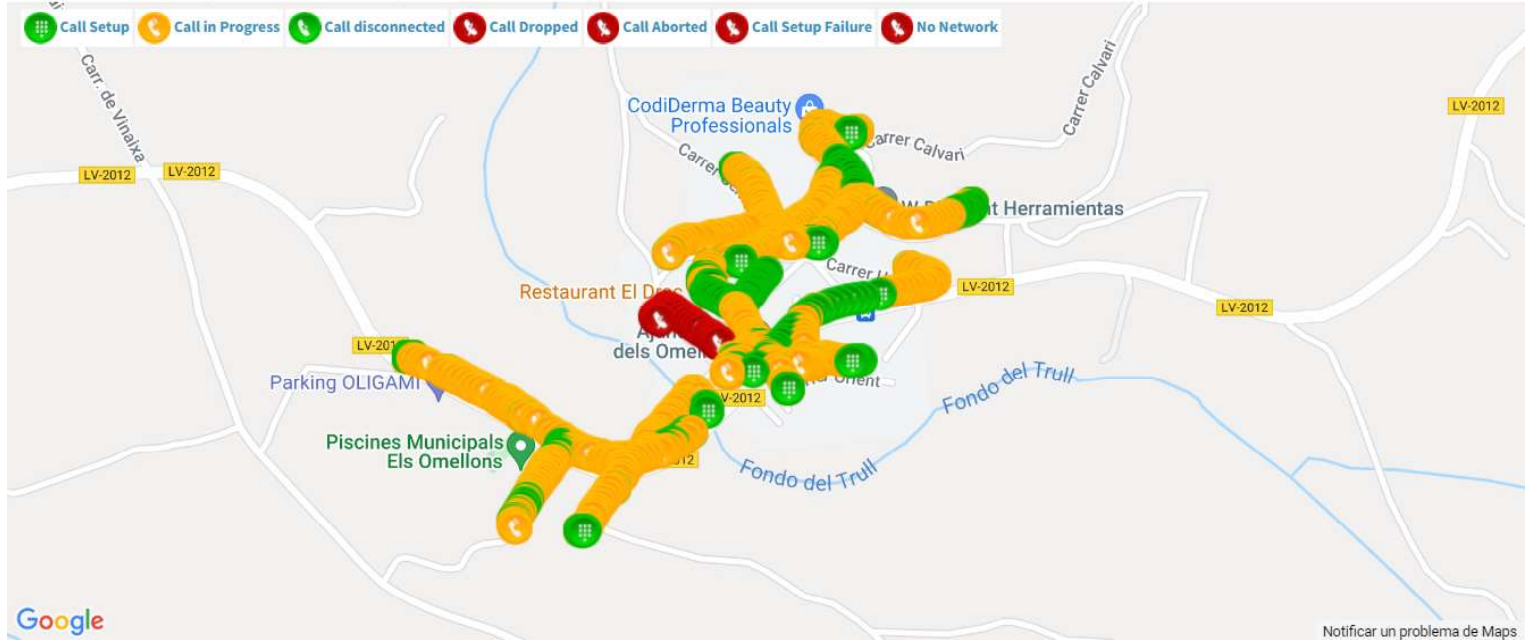


OperatorName	21403_Orange
Test phone Model/Models	Samsung SM-A226B
Report Generation Time	Mar 28, 2022 11:02:47 AM
Test StartTime	Mar 25, 2022 10:41:35 AM
Test EndTime	Mar 25, 2022 11:07:05 AM
Voice Call Test	Yes

## Voice call test report

Call test view of mobile operators for 21403\_Orange

### ORANGE SERVEI DE VEU, MAPA DE TRUCADES, ELS OMELLONS



Call test KPI statistics per mobile operator for 21403\_Orange

Operators	21403
Total Calls Success	24
Total Calls Attempted	27
Total Calls Failed	3
Dropped Calls	1
Aborted Calls	0
CallSetup Failed	2
No Network <a href="#">?</a>	0
Attempted Voice call on 2G <a href="#">?</a>	11
Attempted Voice call on 3G <a href="#">?</a>	15
Not Determined(Voice CallType) <a href="#">?</a>	1

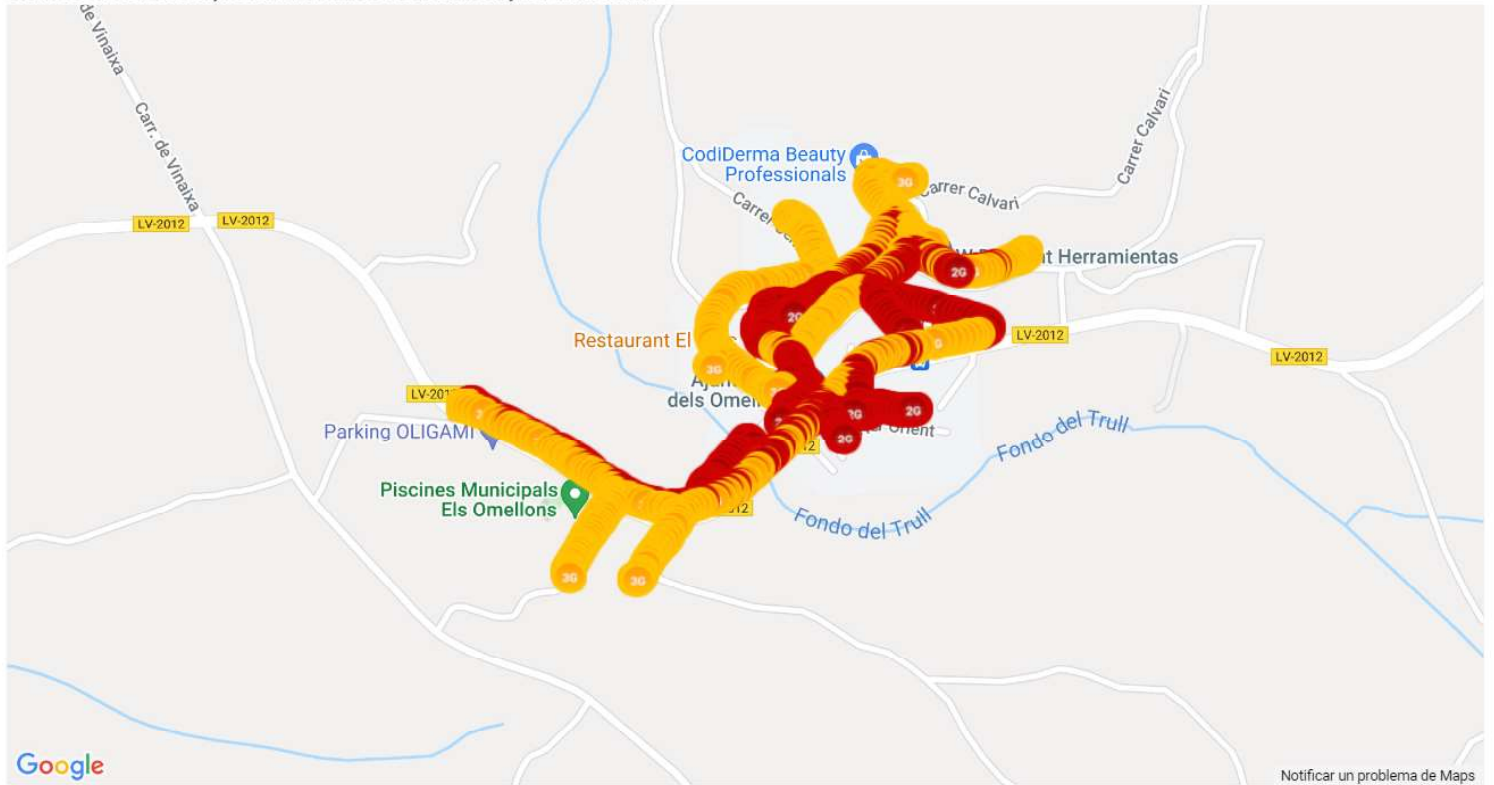
## User perceived mobile network coverage during tests



mobile network coverage during tests for operators 21403\_Orange



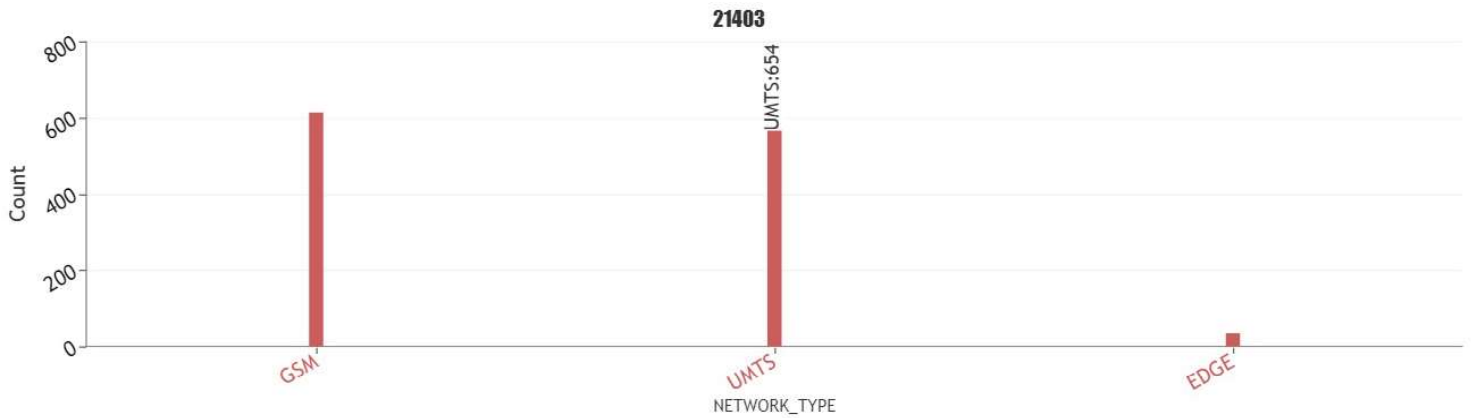
ORANGE SERVEI DE VEU, ACCÉS A XARXES DE L'OPERADOR, ELS OMELLONS



RAN technology statistics per mobile network operator for 21403\_Orange

Network Type	21403
5G	0.0000%
4G	0.0000%
3G	50.1534%
2G	49.8466%
CDMA	0.0000%
NONNETWORK	0.0000%
Total Geo samples	1304

RAN technology distribution chart per mobile network operator for 21403\_Orange

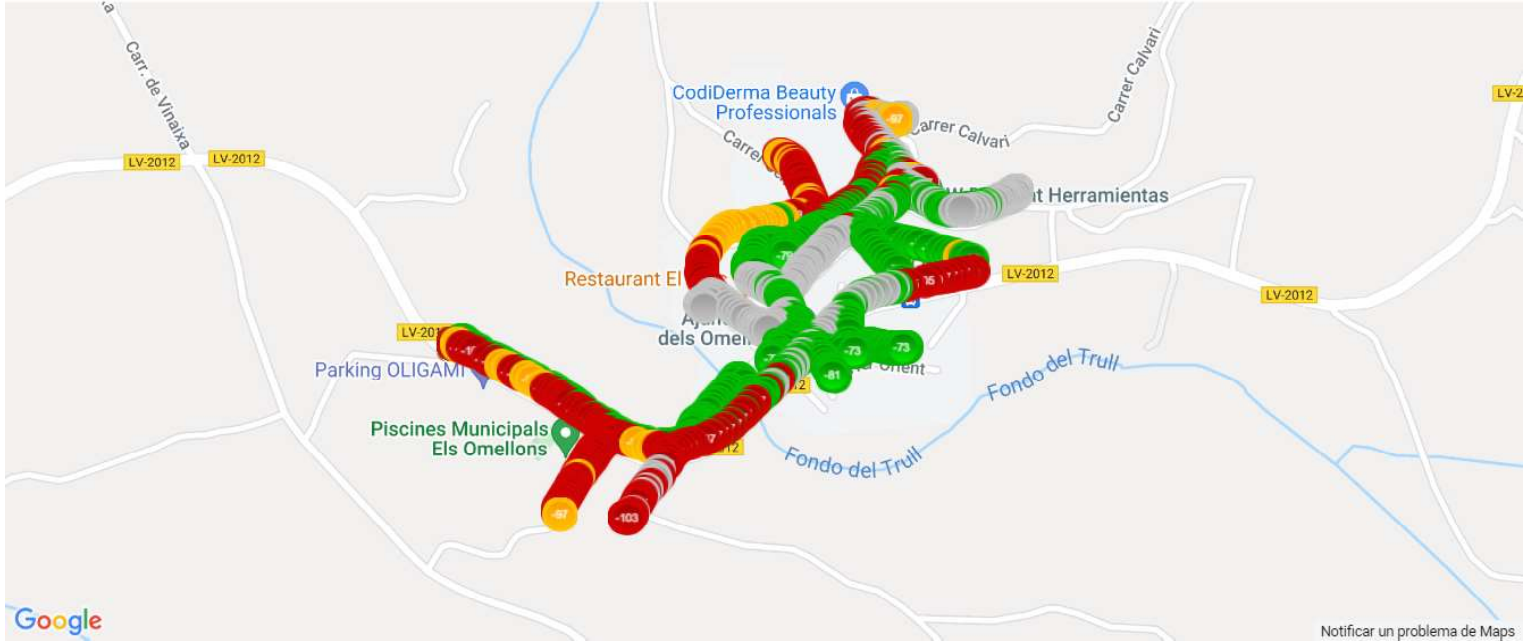


## RSSI view



RSSI KPI statistics per mobile operator for operator 21403\_Orange

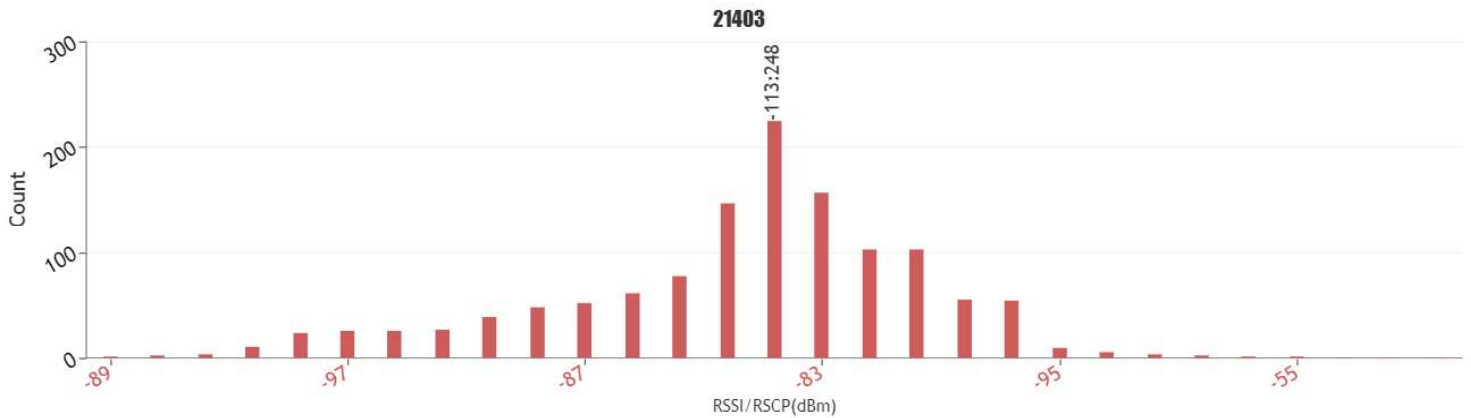
ORANGE SERVEI DE VEU, MAPA DE NIVELL DE SENYAL, ELS OMELLONS



RSSI KPI statistics per mobile operator for 21403\_Orange

Operators	21403
<b>&gt;= -89dBm</b>	47.5788 % (count : 619)
<b>B/w -99dBm to -90dBm</b>	6.4566 % (count : 84)
<b>B/w -112dBm to -100dBm</b>	26.9024 % (count : 350)
<b>&lt; -113dBm</b>	19.0623 % (count : 248)
Total Geo samples	1301

RSSI distribution chart per mobile operator for 21403\_Orange



# RantCell User QoE test report



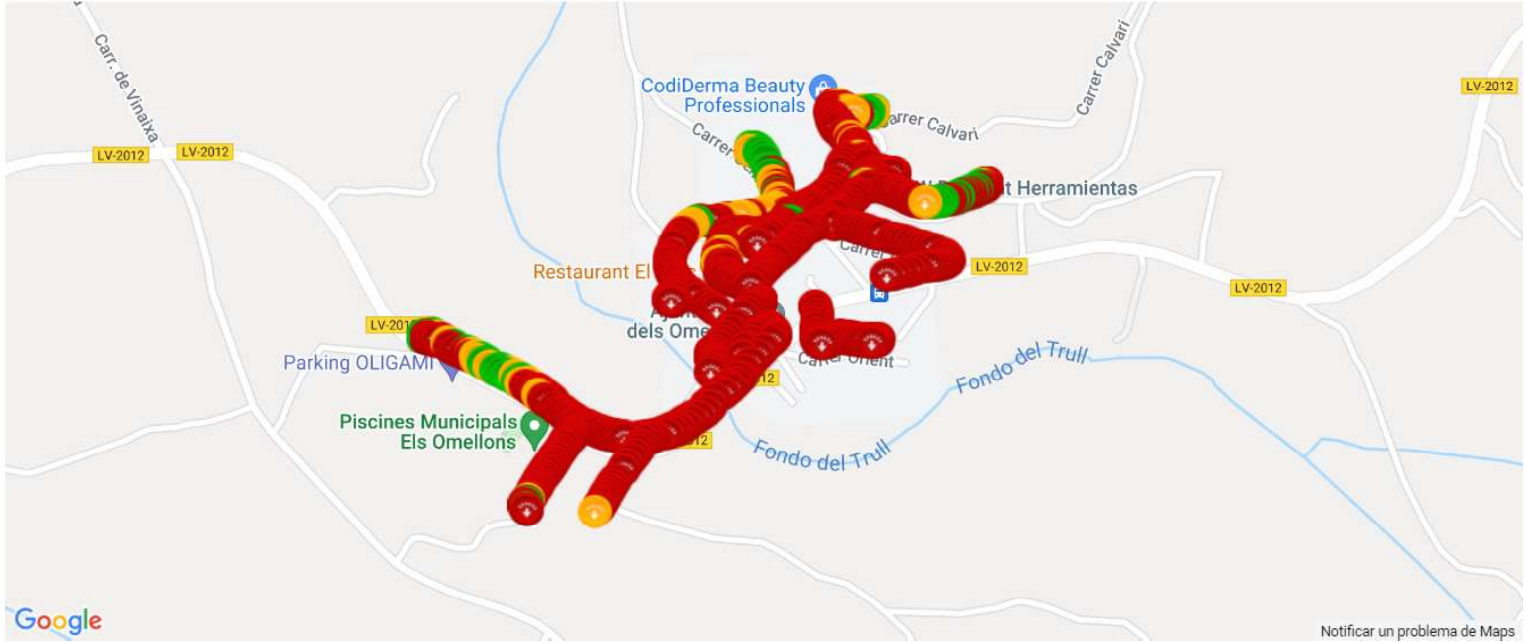
OperatorName	21403_Orange
Test phone Model/Models	Samsung SM-A226B
Report Generation Time	Mar 28, 2022 11:07:09 AM
Test StartTime	Mar 25, 2022 10:41:30 AM
Test EndTime	Mar 25, 2022 11:05:45 AM
Download Speed Test	Yes

## Download speed test report

Download speed test view for 21403\_Orange



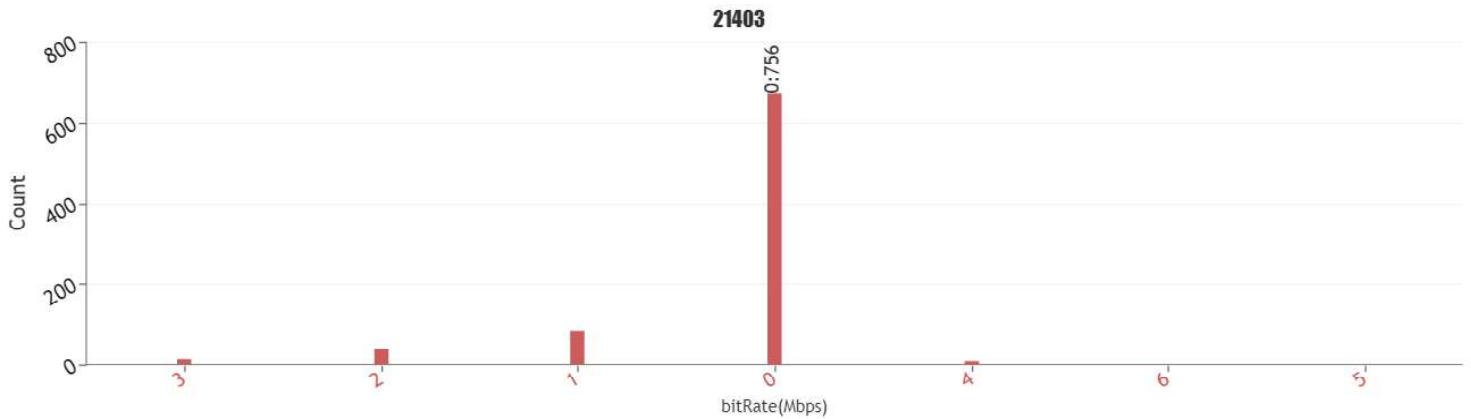
### ORANGE SERVEI DE DADES, MAPA DE VELOCITATS DE DESCÀRREGA, ELS OMELLONS



### Download test KPI statistics per mobile operator for 21403\_Orange

Operators	21403
above 1.2Mbps	9.9228 % (count : 90)
0.4Mbps - 1.2Mbps	7.8280 % (count : 71)
0Mbps - 0.4Mbps	82.2492 % (count : 746)
Average (mbps)	0.31
Peak Speed (mbps)	5.64
Lowest Recorded (mbps)	0
Total Geo samples	907

### Download test distribution chart per mobile operators for 21403\_Orange





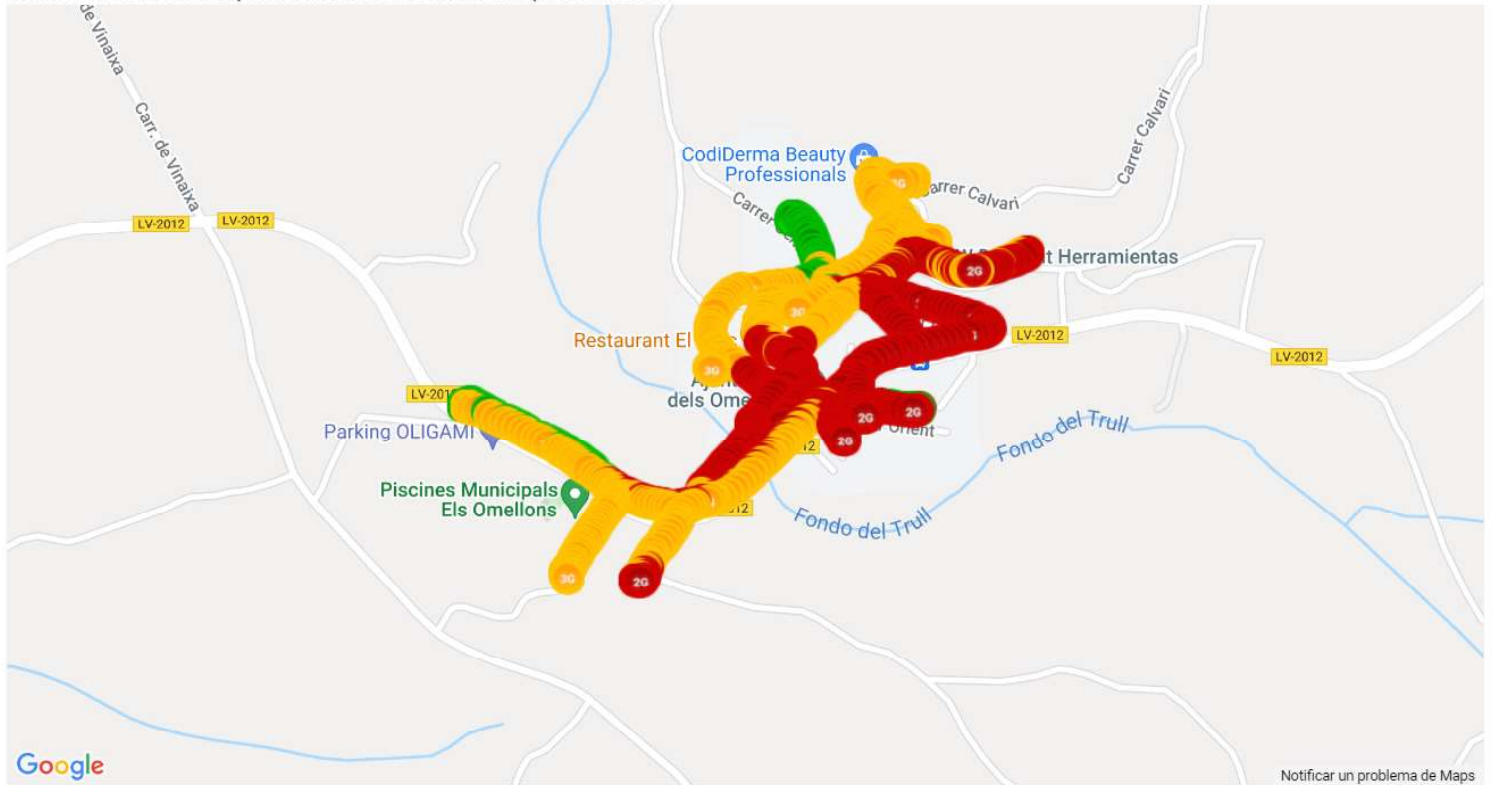
# User perceived mobile network coverage during tests



mobile network coverage during tests for operators 21403\_Orange



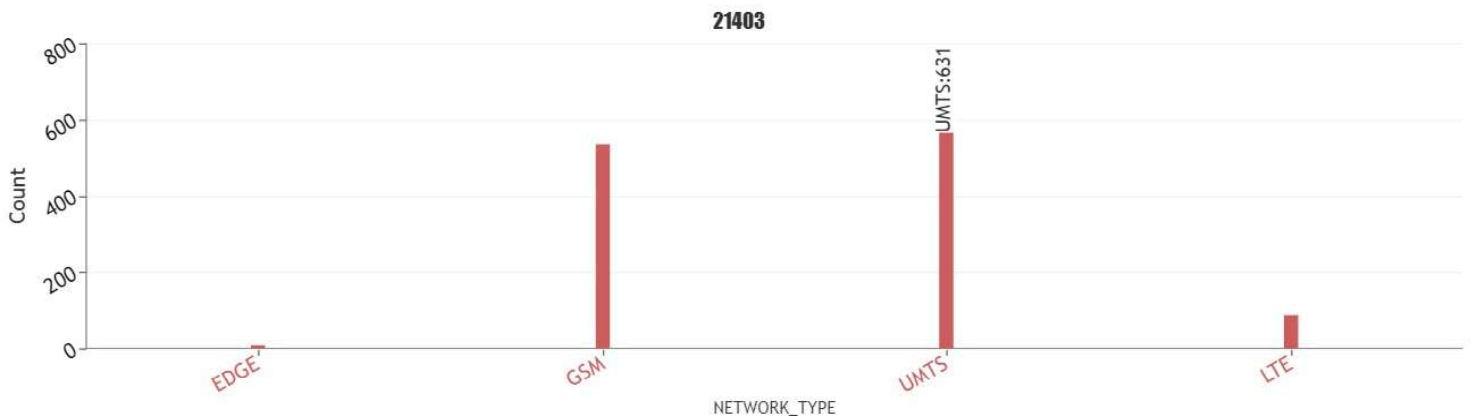
ORANGE SERVEI DE DADES, ACCÉS A XARXES DE L'OPERADOR, ELS OMELLONS



## RAN technology statistics per mobile network operator for 21403\_Orange

Network Type	21403
5G	0.0000%
4G	6.9510%
3G	49.8420%
2G	43.2070%
CDMA	0.0000%
NONNETWORK	0.0000%
Total Geo samples	1266

## RAN technology distribution chart per mobile network operator for 21403\_Orange

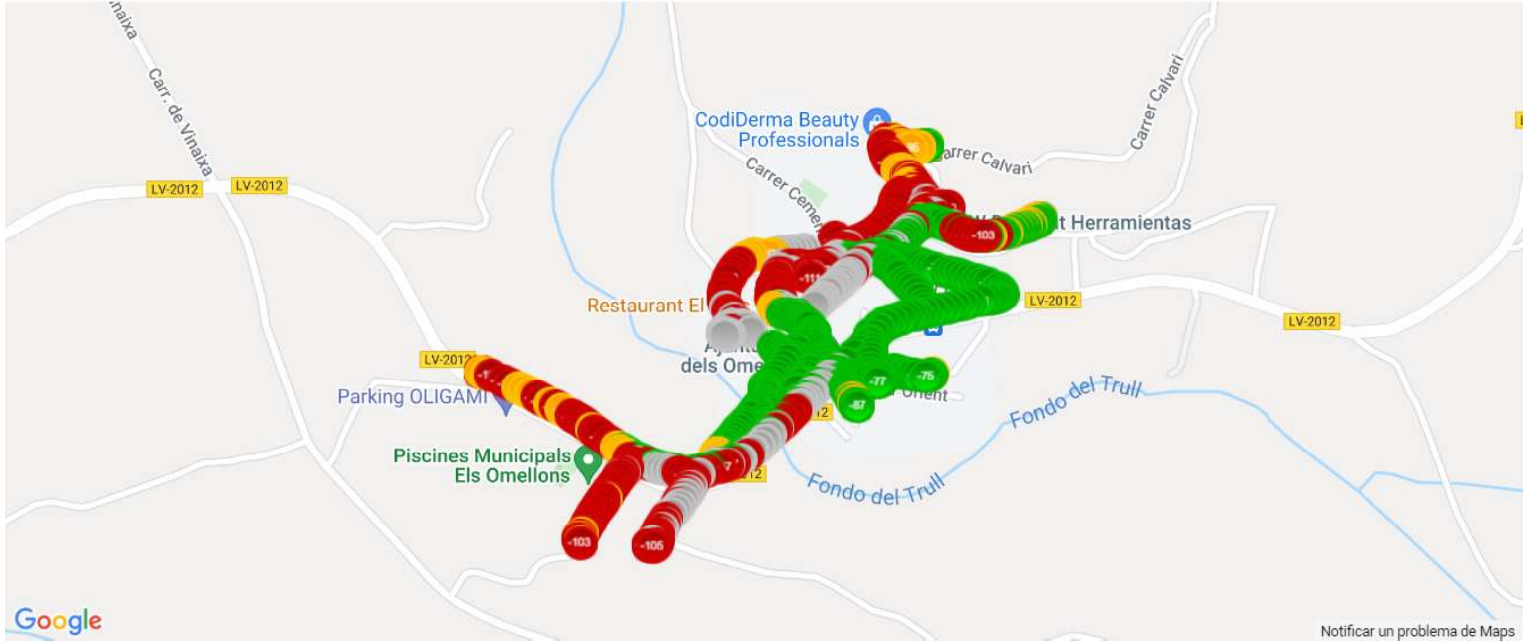


## RSSI view



RSSI KPI statistics per mobile operator for operator 21403\_Orange

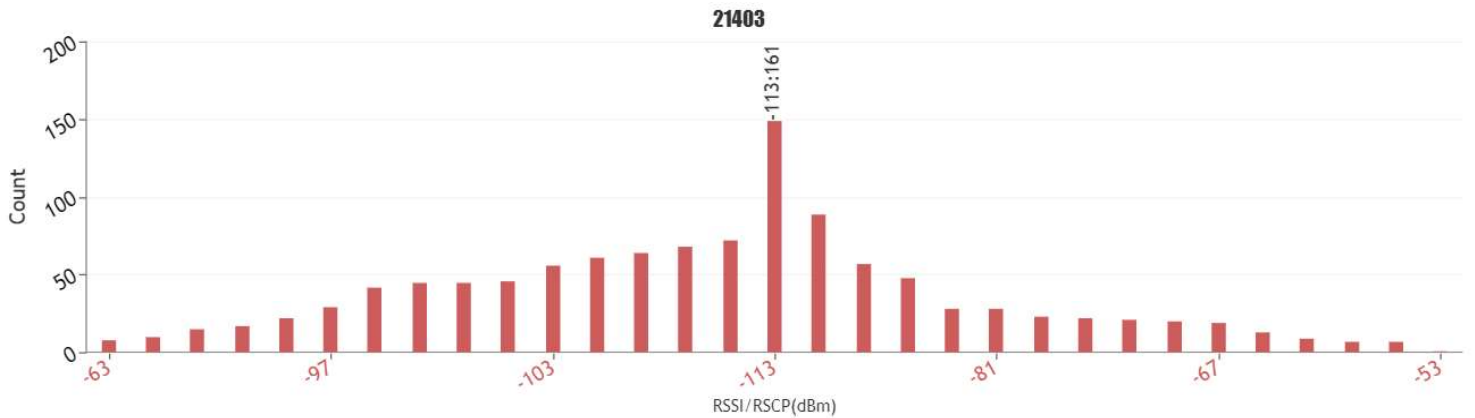
ORANGE SERVEI DE DADES, MAPA DE NIVELL DE SENYAL, ELS OMELLONS



RSSI KPI statistics per mobile operator for 21403\_Orange

Operators	21403
<b>&gt;= -89dBm</b>	44.1457 % (count: 509)
<b>B/w -99dBm to -90dBm</b>	10.1474 % (count: 117)
<b>B/w -112dBm to -100dBm</b>	31.7433 % (count: 366)
<b>&lt; -113dBm</b>	13.9636 % (count: 161)
Total Geo samples	1153

RSSI distribution chart per mobile operator for 21403\_Orange



## ELS TORMS: RESUM MESURES

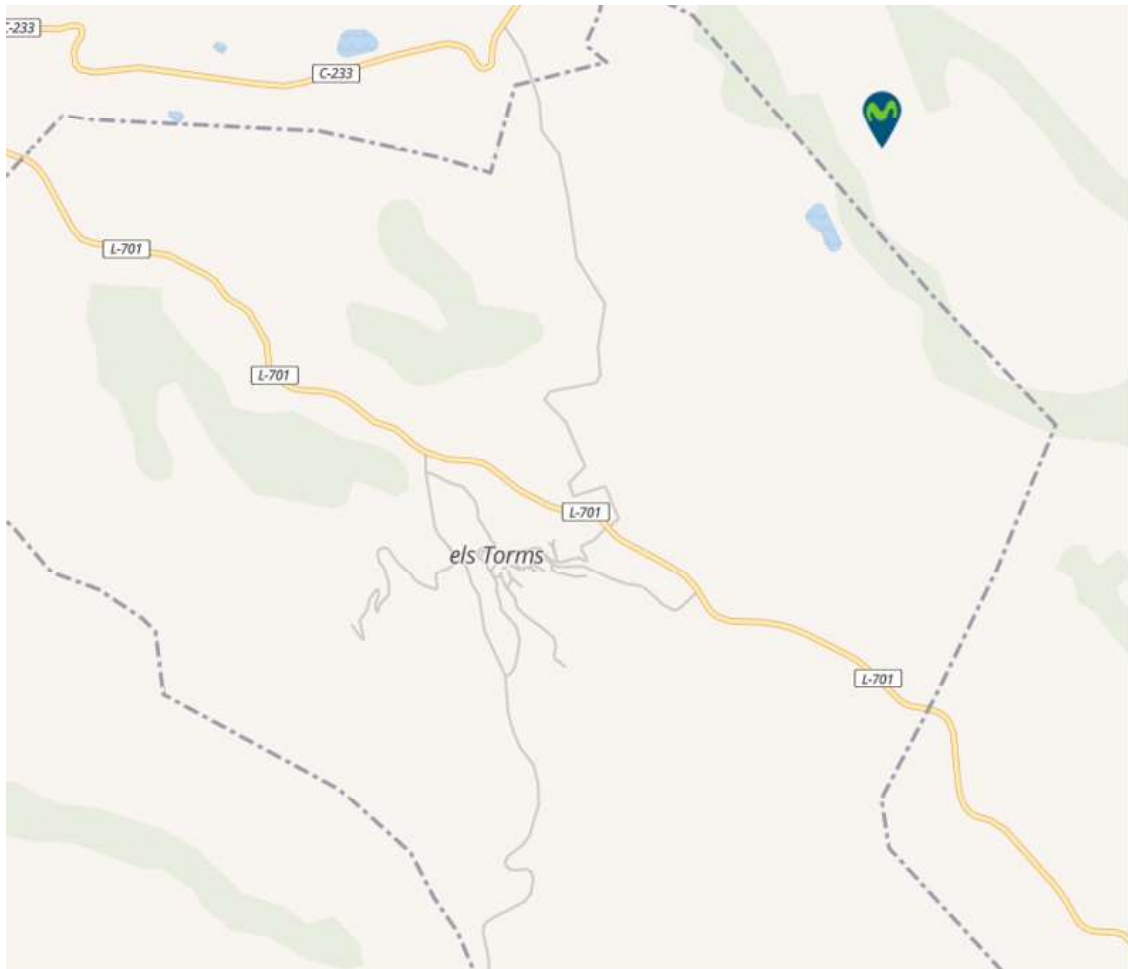
OPERADOR	SERVEI DE VEU	SERVEI DE DADES
MOVISTAR	CORRECTE (3G)	CORRECTE (4G)
VODAFONE	NUL·LA	NUL·LA
ORANGE	NUL·LA	NUL·LA

Comentaris:

No existeix cobertura de servei de veu o dades de Orange o Vodafone. No es troben deficiències significatives de servei de veu o dades de Movistar.

Disposaran de fibra de Adamo (projecte imminent).

Servei de Movistar darrera del circuit de motos (sense informació d'antena).



# RantCell User QoE test report

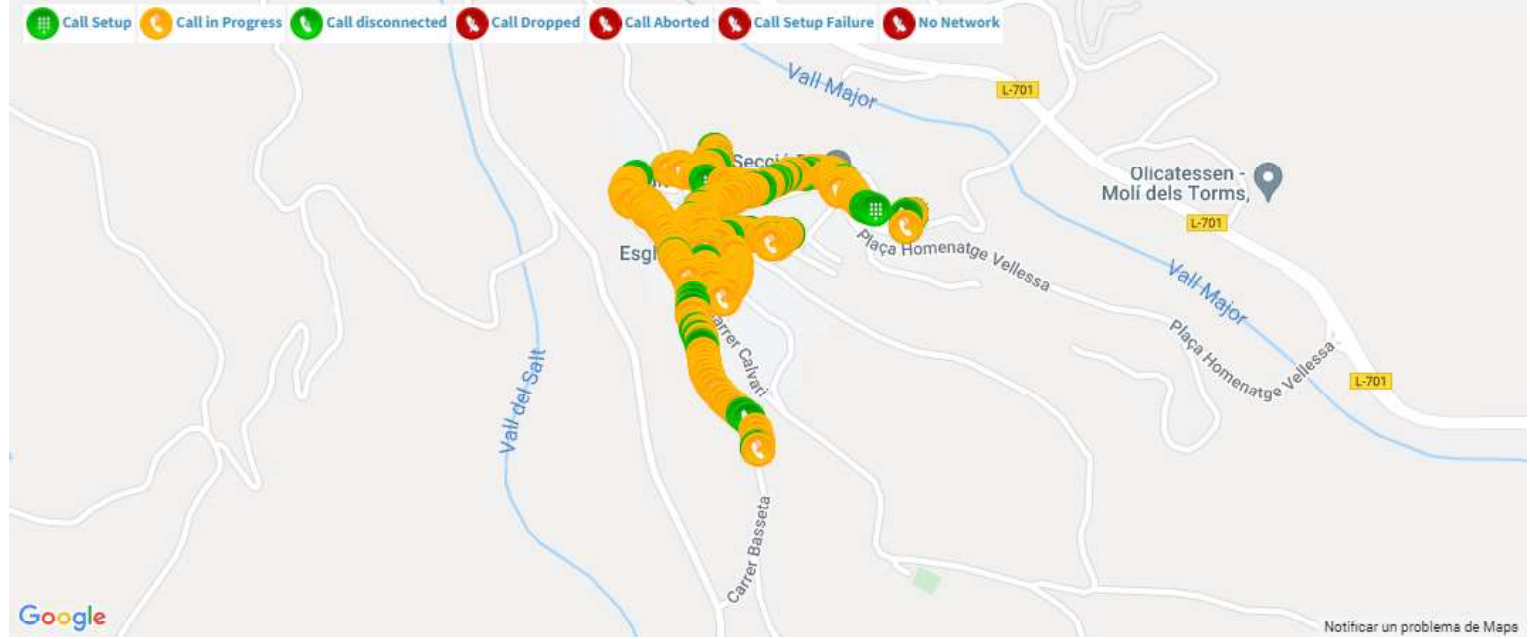


OperatorName	21407_Movistar
Test phone Model/Models	Samsung SM-A226B
Report Generation Time	Mar 21, 2022 11:37:49 AM
Test StartTime	Mar 16, 2022 12:27:11 PM
Test EndTime	Mar 16, 2022 12:45:39 PM
Voice Call Test	Yes

## Voice call test report

Call test view of mobile operators for 21407\_Movistar

### MOVISTAR SERVEI DE VEU, MAPA DE TRUCADES, ELS TORMS



Call test KPI statistics per mobile operator for 21407\_Movistar

Operators	21407
Total Calls Success	22
Total Calls Attempted	24
Total Calls Failed	2
Dropped Calls	2
Aborted Calls	0
CallSetup Failed	0
No Network	0
Attempted Voice call on 2G	0
Attempted Voice call on 3G	4
Successful CSFB call to 3G	19

# User perceived mobile network coverage during tests



mobile network coverage during tests for operators 21407\_Movistar

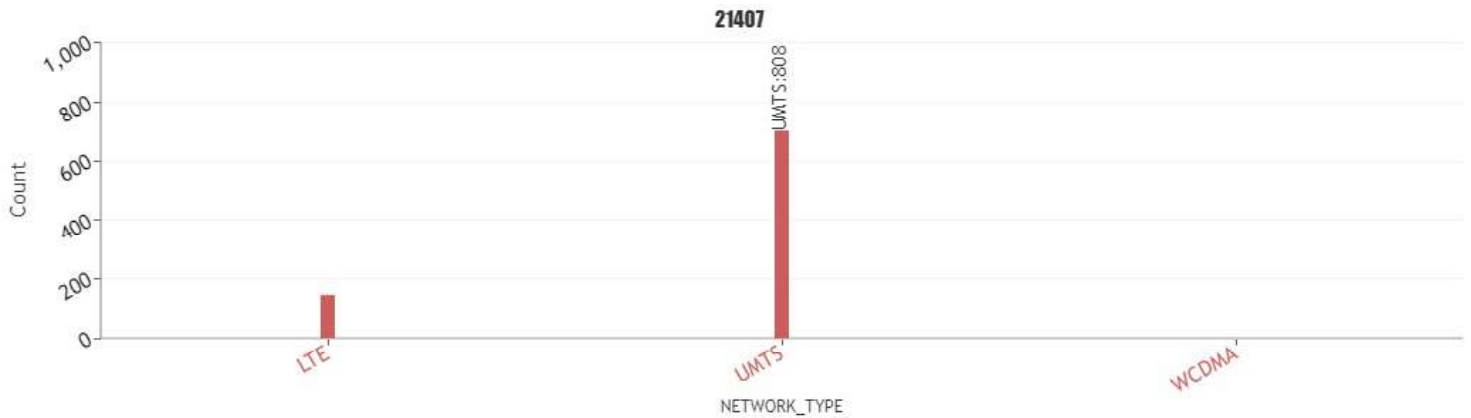
MOVISTAR SERVEI DE VEU, ACCÉS A XARXES DE L'OPERADOR, ELS TORMS



## RAN technology statistics per mobile network operator for 21407\_Movistar

Network Type	21407
5G	0.0000%
4G	15.3766%
3G	84.6234%
2G	0.0000%
CDMA	0.0000%
NONNETWORK	0.0000%
Total Geo samples	956

## RAN technology distribution chart per mobile network operator for 21407\_Movistar



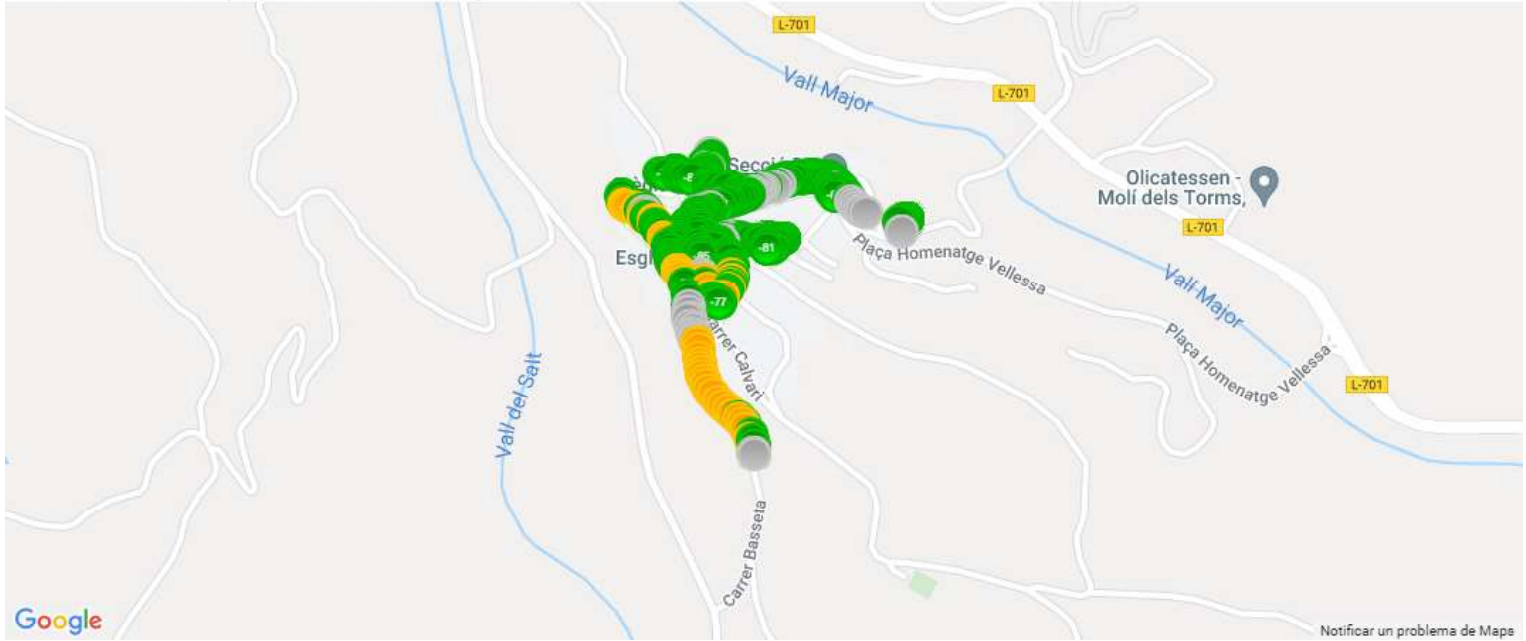


# RSSI view



RSSI KPI statistics per mobile operator for operator 21407\_Movistar

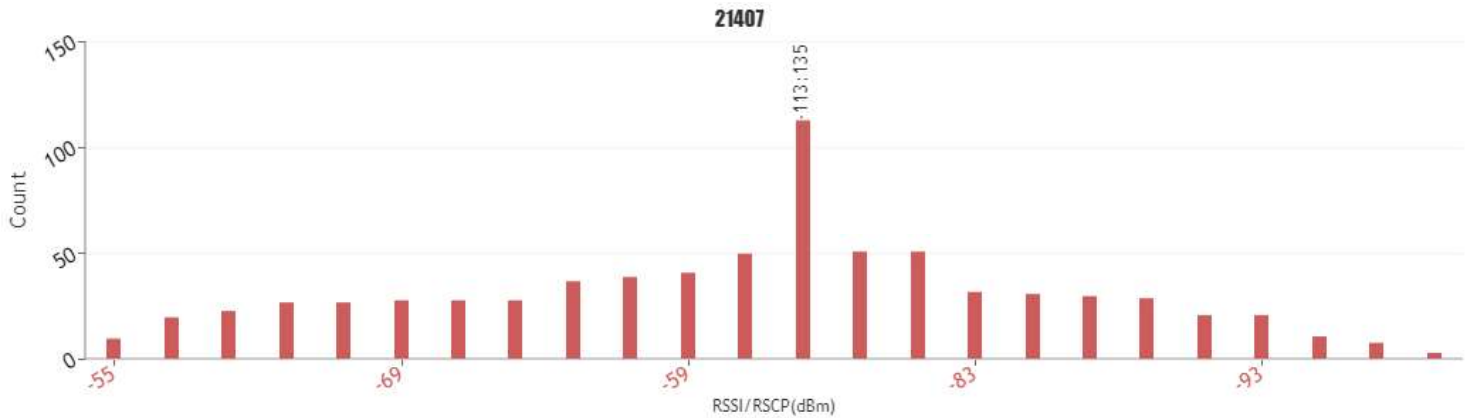
MOVISTAR SERVEI DE VEU, MAPA DE NIVELL DE SENYAL, ELS TORMS



RSSI KPI statistics per mobile operator for 21407\_Movistar

Operators	21407
>= -89dBm	72.4712 % (count : 566)
B/w -99dBm to -90dBm	10.2433 % (count : 80)
B/w -112dBm to -100dBm	0 % (count : 0)
<= -113dBm	17.2855 % (count : 135)
Total Geo samples	781

RSSI distribution chart per mobile operator for 21407\_Movistar



# RantCell User QoE test report



OperatorName	21407_Movistar
Test phone Model/Models	Samsung SM-A226B
Report Generation Time	Mar 21, 2022 11:43:22 AM
Test StartTime	Mar 16, 2022 12:28:27 PM
Test EndTime	Mar 16, 2022 12:45:52 PM
Download Speed Test	Yes

## Download speed test report

Download speed test view for 21407\_Movistar



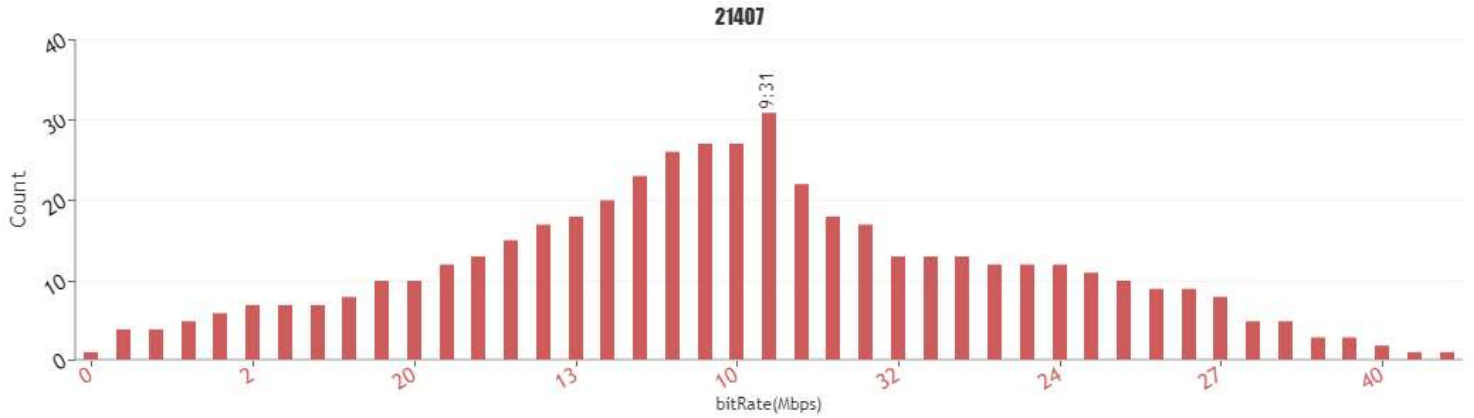
### MOVISTAR SERVEI DE DADES, MAPA DE VELOCITATS DE DESCÀRREGA, ELS TORMS



### Download test KPI statistics per mobile operator for 21407\_Movistar

Operators	21407
above 1.2Mbps	99.3964 % (count : 494)
0.4Mbps - 1.2Mbps	0.4024 % (count : 2)
0Mbps - 0.4Mbps	0.2012 % (count : 1)
Average (mbps)	18.11
Peak Speed (mbps)	42.02
Lowest Recorded (mbps)	0.03
Total Geo samples	497

### Download test distribution chart per mobile operators for 21407\_Movistar



# User perceived mobile network coverage during tests



mobile network coverage during tests for operators 21407\_Movistar

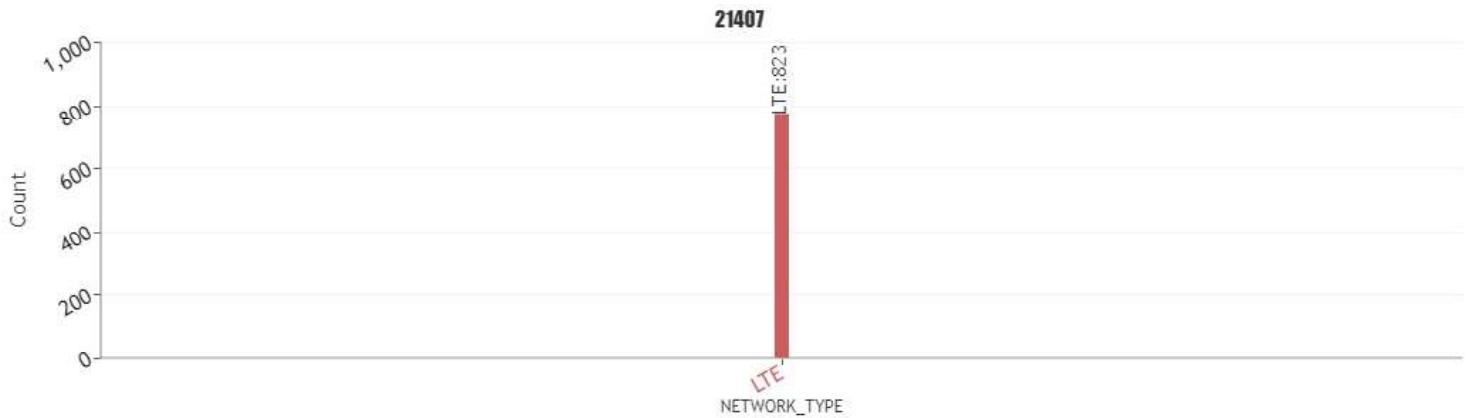
MOVISTAR SERVEI DE DADES, ACCÉS A XARXES DE L'OPERADOR, ELS TORMS



RAN technology statistics per mobile network operator for 21407\_Movistar

Network Type	21407
5G	0.0000%
4G	100.0000%
3G	0.0000%
2G	0.0000%
CDMA	0.0000%
NONNETWORK	0.0000%
Total Geo samples	823

RAN technology distribution chart per mobile network operator for 21407\_Movistar



## RSRP view

RSRP KPI statistics per mobile operator for operator 21407\_Movistar

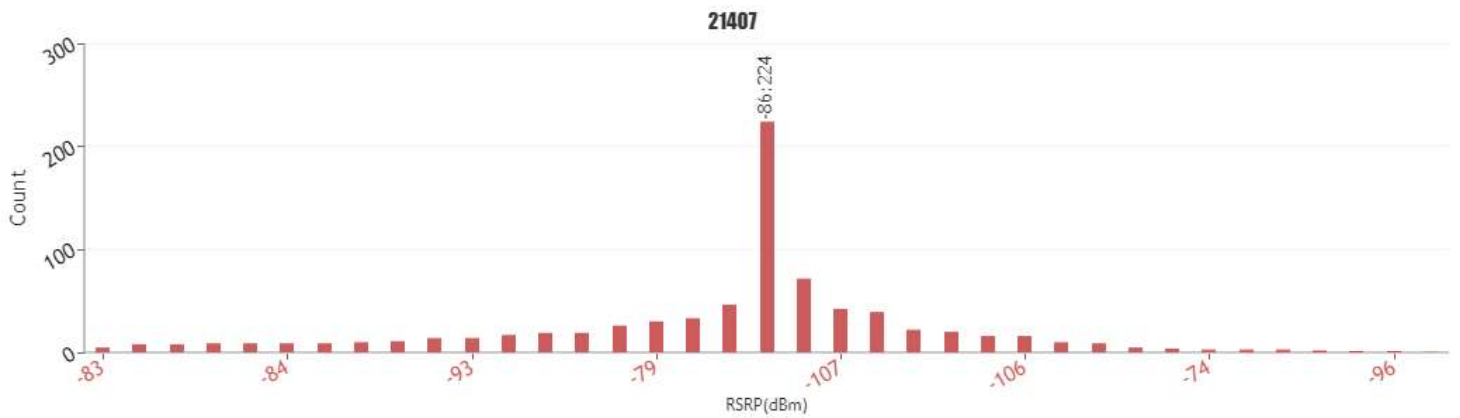
MOVISTAR SERVEI DE DADES, MAPA DE NIVELL DE SENYAL, ELS TORMS



RSRP KPI statistics per mobile operator for 21407\_Movistar

Operators	21407
>= to -89dBm	56.2576 % (count : 463)
B/w -99dBm to -90dBm	20.8991 % (count : 172)
B/w -112dBm to -100dBm	22.6002 % (count : 186)
<= -113dBm	0.2430 % (count : 2)
Total Geo samples	823

RSRP distribution chart per mobile operator for 21407\_Movistar



# RantCell User QoE test report



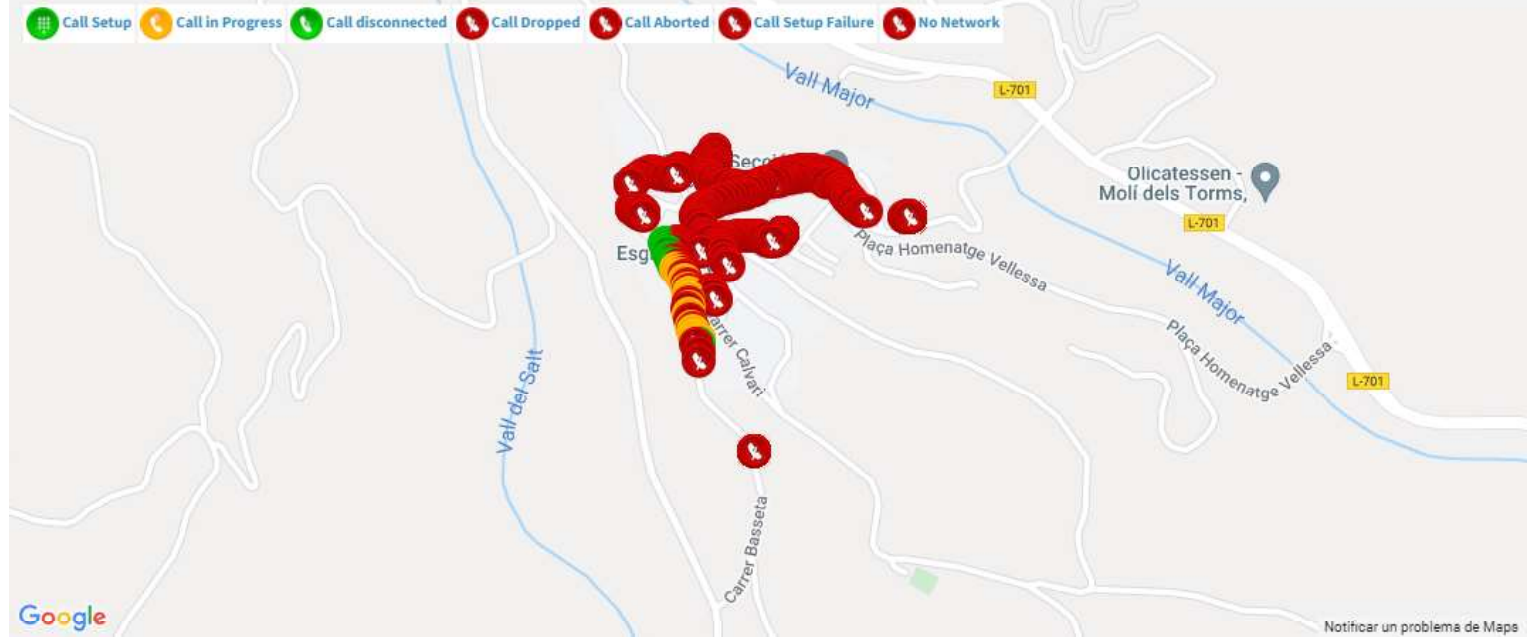
OperatorName	21401_vodafone ES
Test phone Model/Models	Samsung SM-A226B
Report Generation Time	Mar 21, 2022 11:55:14 AM
Test StartTime	Mar 16, 2022 12:27:02 PM
Test EndTime	Mar 16, 2022 12:45:50 PM
Voice Call Test	Yes



## Voice call test report

Call test view of mobile operators for 21401\_vodafone ES

### VODAFONE SERVEI DE VEU, MAPA DE TRUCADES, ELS TORMS



Call test KPI statistics per mobile operator for 21401\_vodafone ES

Operators	21401	21407
Total Calls Success	1	0
Total Calls Attempted	22	0
Total Calls Failed	21	0
Dropped Calls	0	0
Aborted Calls	0	0
CallSetup Failed	21	0
No Network	0	0
Attempted Voice call on 2G	0	0
Attempted Voice call on 3G	16	0
Attempted Voice call on 4G (VoLTE)	3	0
CSFB call to 2G Failed	1	0
CSFB call to 3G Failed	2	0

# User perceived mobile network coverage during tests



mobile network coverage during tests for operators 21401\_vodafone ES



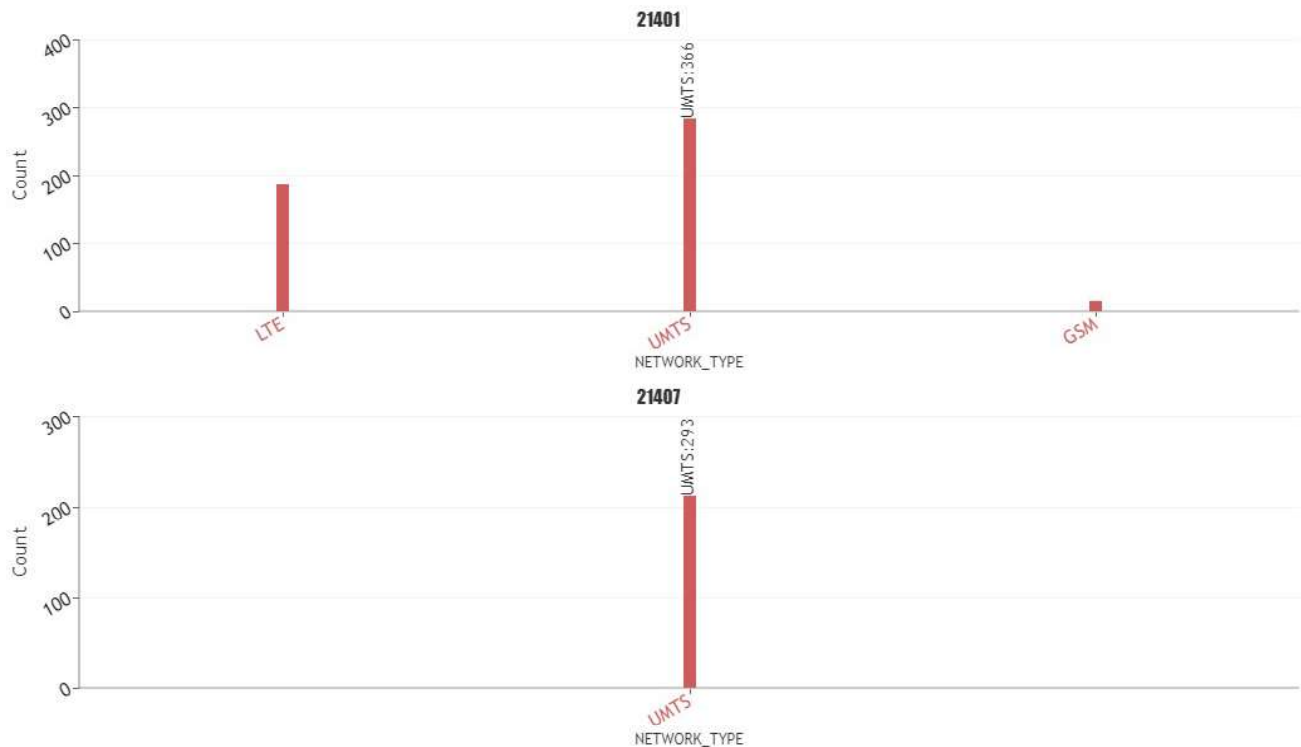
VODAFONE SERVEI DE VEU, ACCÉS A XARXES DE L'OPERADOR, ELS TORMS



## RAN technology statistics per mobile network operator for 21401\_vodafone ES

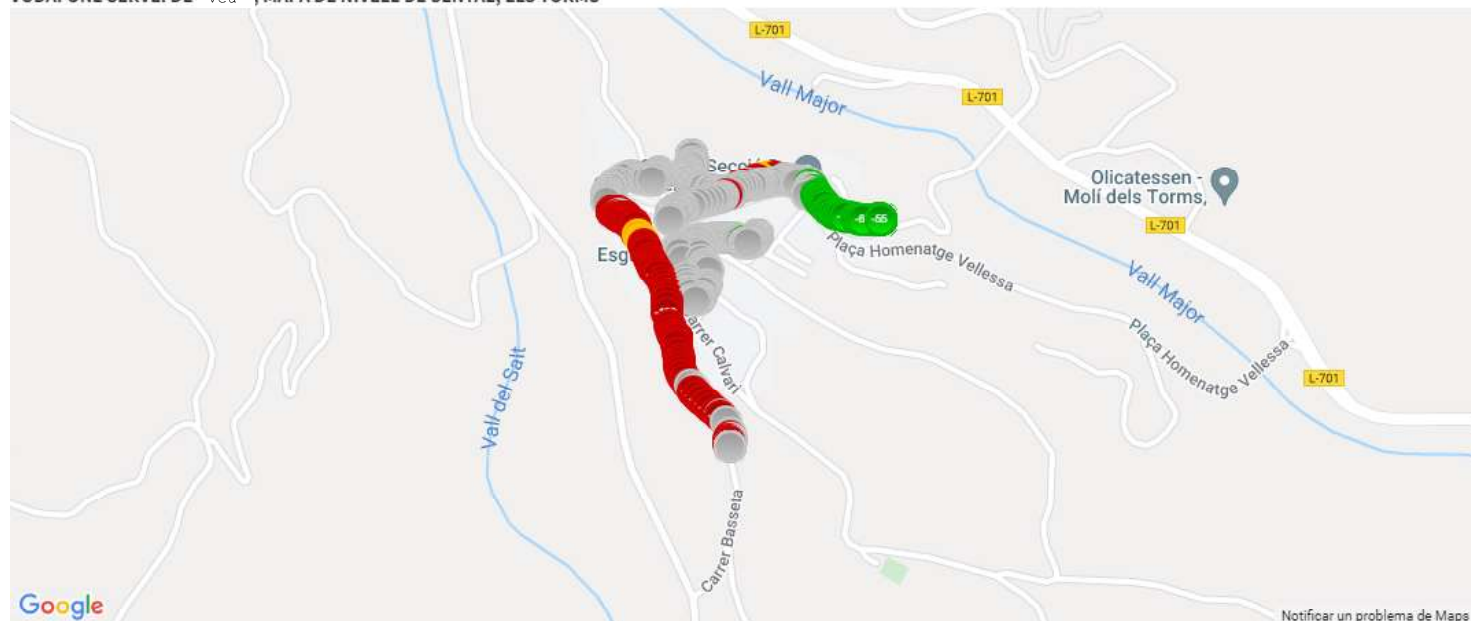
Network Type	21407	21401
5G	0.0000%	0.0000%
4G	0.0000%	32.9825%
3G	100.0000%	64.2105%
2G	0.0000%	2.8070%
CDMA	0.0000%	0.0000%
NONNETWORK	0.0000%	0.0000%
Total Geo samples	293	570

## RAN technology distribution chart per mobile network operator for 21401\_vodafone ES



RSSI KPI statistics per mobile operator for operator 21401\_vodafone ES

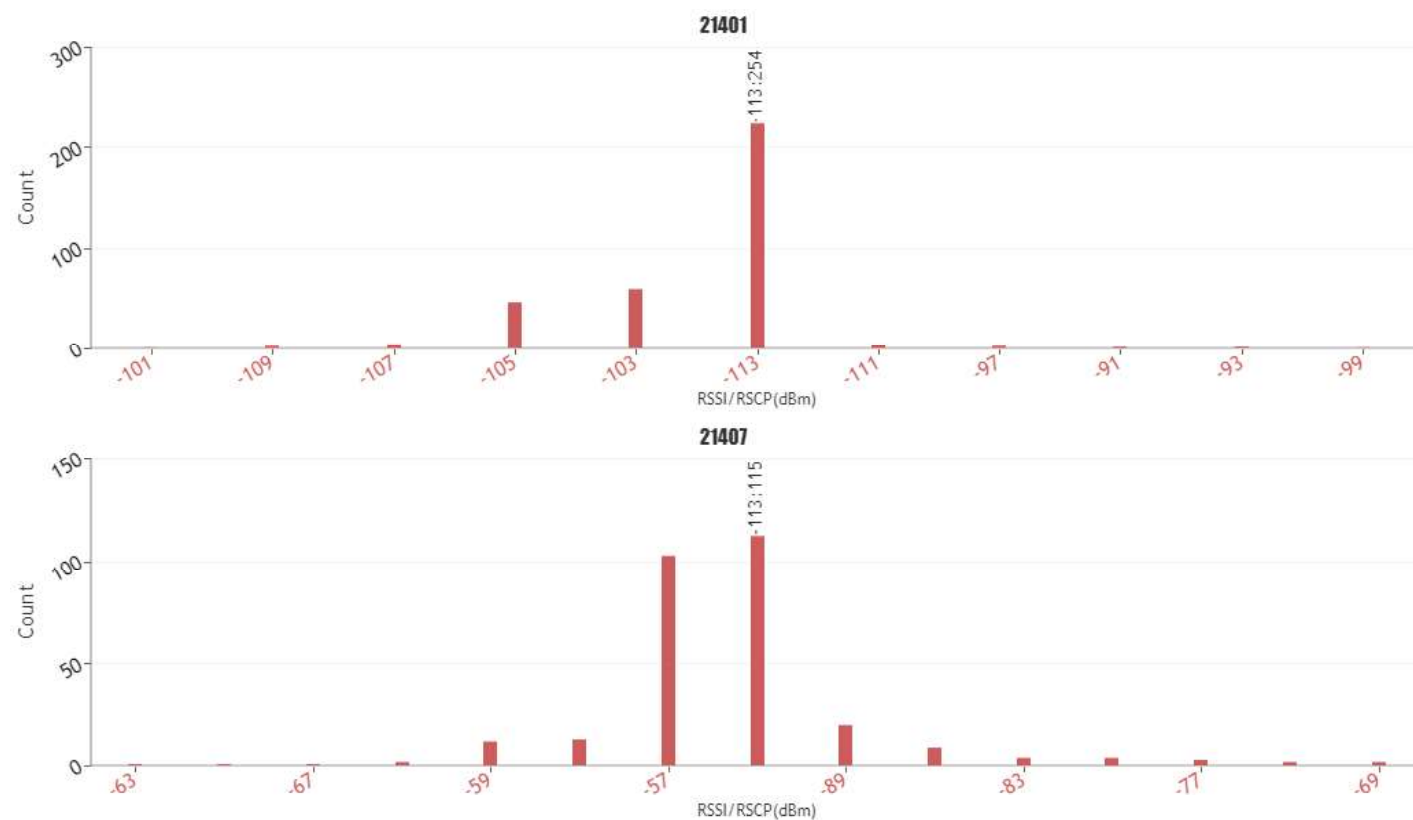
VODAFONE SERVEI DE Veu, MAPA DE NIVELL DE SENYAL, ELS TORMS



RSSI KPI statistics per mobile operator for 21401\_vodafone ES

Operators	21407	21401
>= -89dBm	60.6164 % (count : 177)	0 % (count : 0)
B/w -99dBm to -90dBm	0 % (count : 0)	2.0942 % (count : 8)
B/w -112dBm to -100dBm	0 % (count : 0)	31.4136 % (count : 120)
<= -113dBm	39.3836 % (count : 115)	66.4921 % (count : 254)
Total Geo samples	292	382

RSSI distribution chart per mobile operator for 21401\_vodafone ES



# RantCell User QoE test report



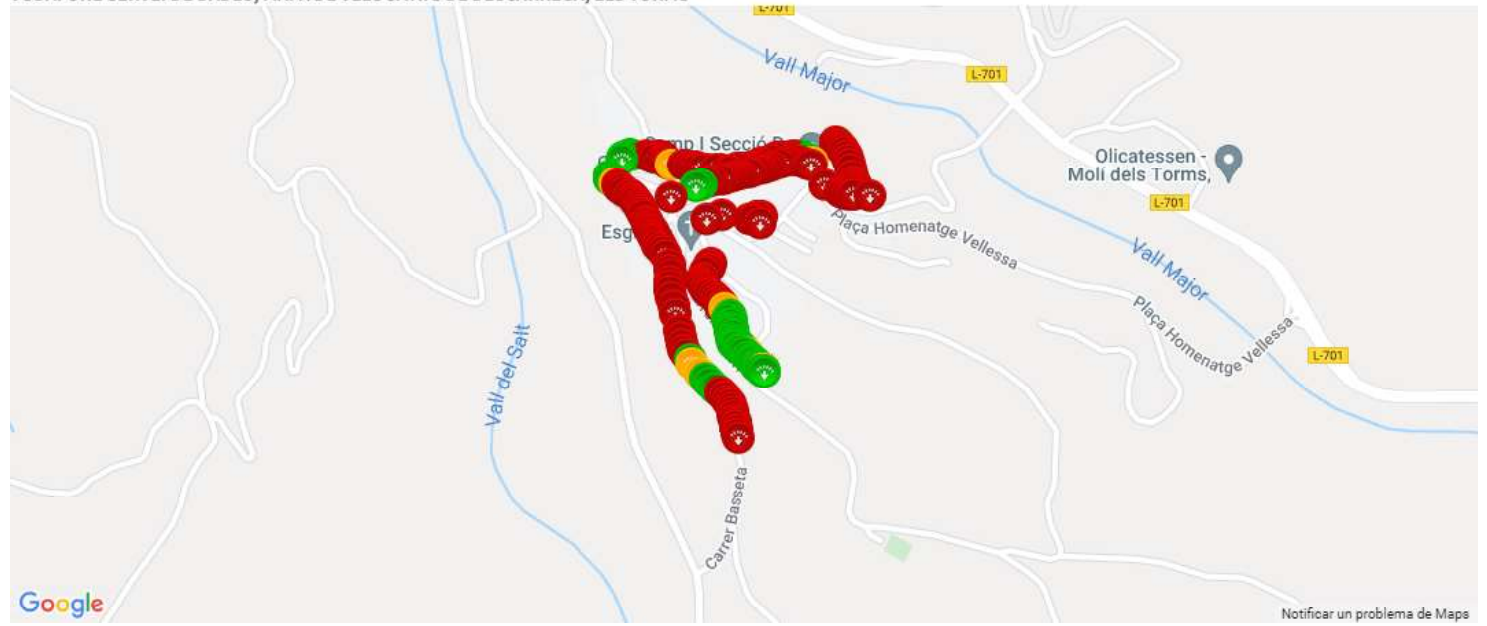
OperatorName	21401_vodafone ES
Test phone Model/Models	Samsung SM-A226B
Report Generation Time	Mar 21, 2022 12:00:25 PM
Test StartTime	Mar 18, 2022 10:46:36 AM
Test EndTime	Mar 18, 2022 11:02:49 AM
Download Speed Test	Yes

# Download speed test report



Download speed test view for 21401\_vodafone ES

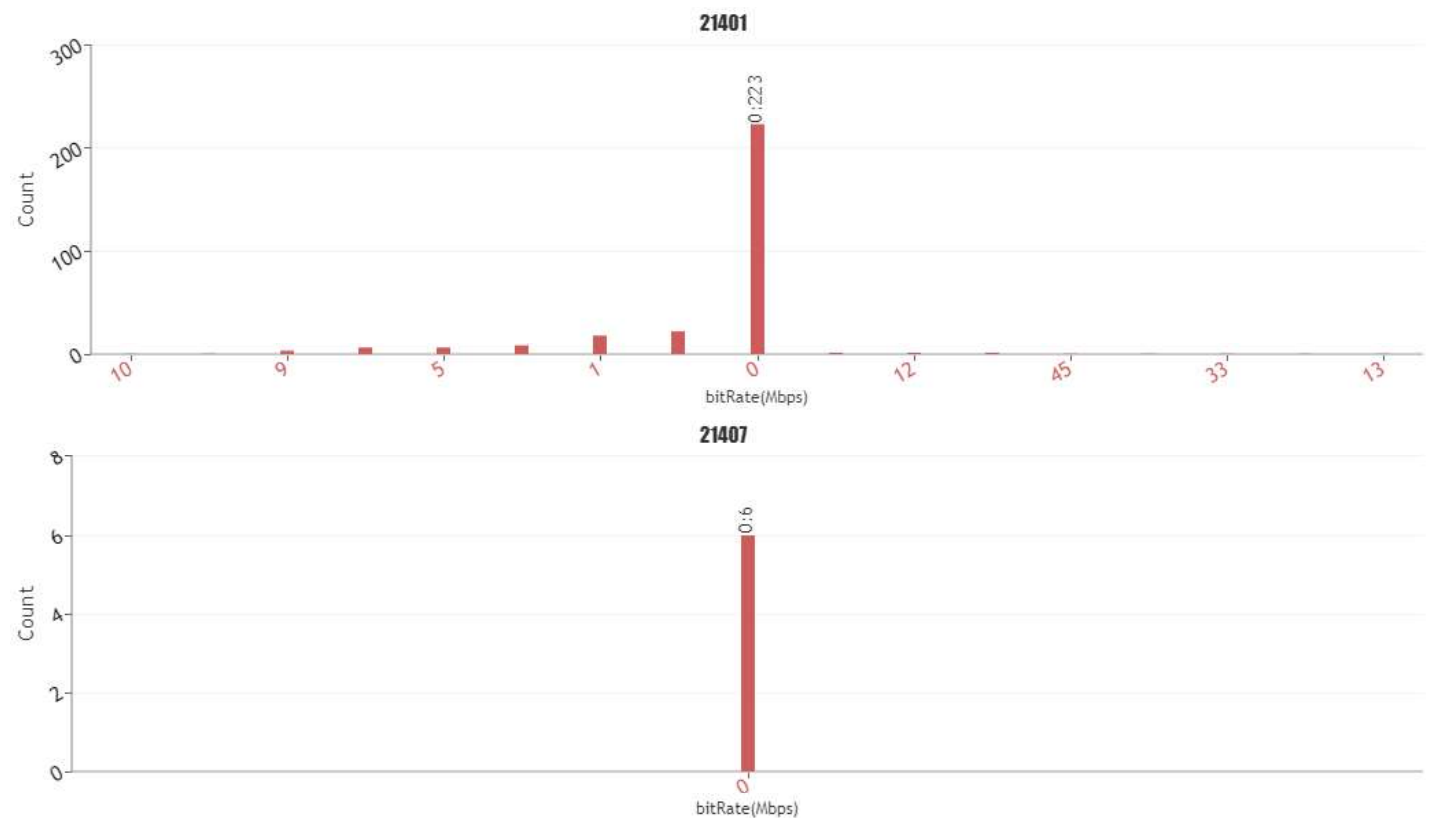
## VODAFONE SERVEI DE DADES, MAPA DE VELOCITATS DE DESCÀRREGA, ELS TORMS



## Download test KPI statistics per mobile operator for 21401\_vodafone ES

Operators	21407	21401
above 1.2Mbps	0 % (count : 0)	23.2787 % (count : 71)
0.4Mbps - 1.2Mbps	0 % (count : 0)	4.2623 % (count : 13)
0Mbps - 0.4Mbps	100.0000 % (count : 6)	72.4590 % (count : 221)
Average (mbps)	0.00	1.38
Peak Speed (mbps)	0	45.03
Lowest Recorded (mbps)	0	0
Total Geo samples	6	305

## Download test distribution chart per mobile operators for 21401\_vodafone ES



# User perceived mobile network coverage during tests



mobile network coverage during tests for operators 21401\_vodafone ES



VODAFONE SERVEI DE DADES, ACCÉS A XARXES DE L'OPERADOR, ELS TORMS



## RAN technology statistics per mobile network operator for 21401\_vodafone ES

Network Type	21407	21401
5G	0.0000%	0.0000%
4G	0.0000%	43.8898%
3G	100.0000%	56.1102%
2G	0.0000%	0.0000%
CDMA	0.0000%	0.0000%
NONNETWORK	0.0000%	0.0000%
Total Geo samples	205	581

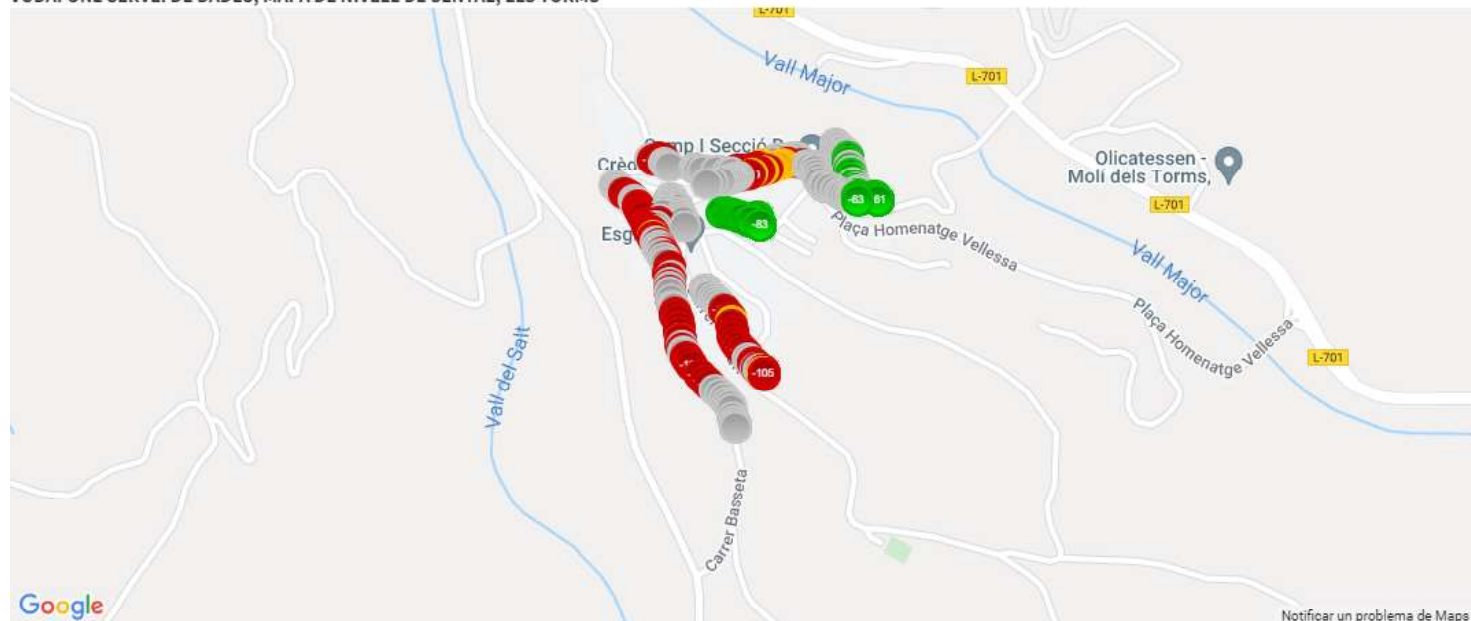
## RAN technology distribution chart per mobile network operator for 21401\_vodafone ES





RS SI KPI statistics per mobile operator for operator 21401\_vodafone ES

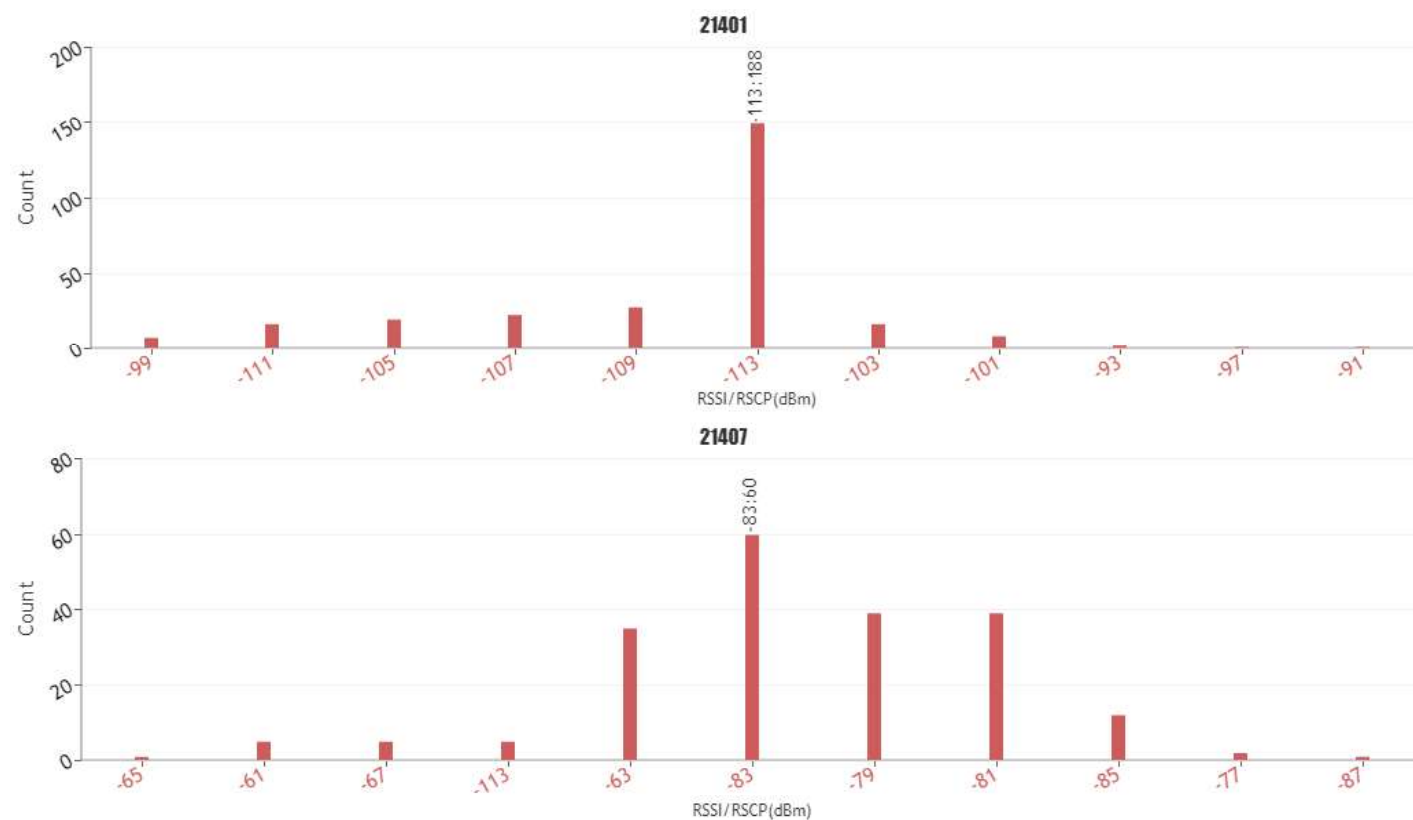
VODAFONE SERVEI DE DADES, MAPA DE NIVELL DE SENYAL, ELS TORMS



RS SI KPI statistics per mobile operator for 21401\_vodafone ES

Operators	21407	21401
>= -89dBm	97.5490 % (count : 199)	0 % (count : 0)
B/w -99dBm to -90dBm	0 % (count : 0)	3.8217 % (count : 12)
B/w -112dBm to -100dBm	0 % (count : 0)	36.3057 % (count : 114)
<= -113dBm	2.4510 % (count : 5)	59.8726 % (count : 188)
Total Geo samples	204	314

RS SI distribution chart per mobile operator for 21401\_vodafone ES



# RantCell User QoE test report

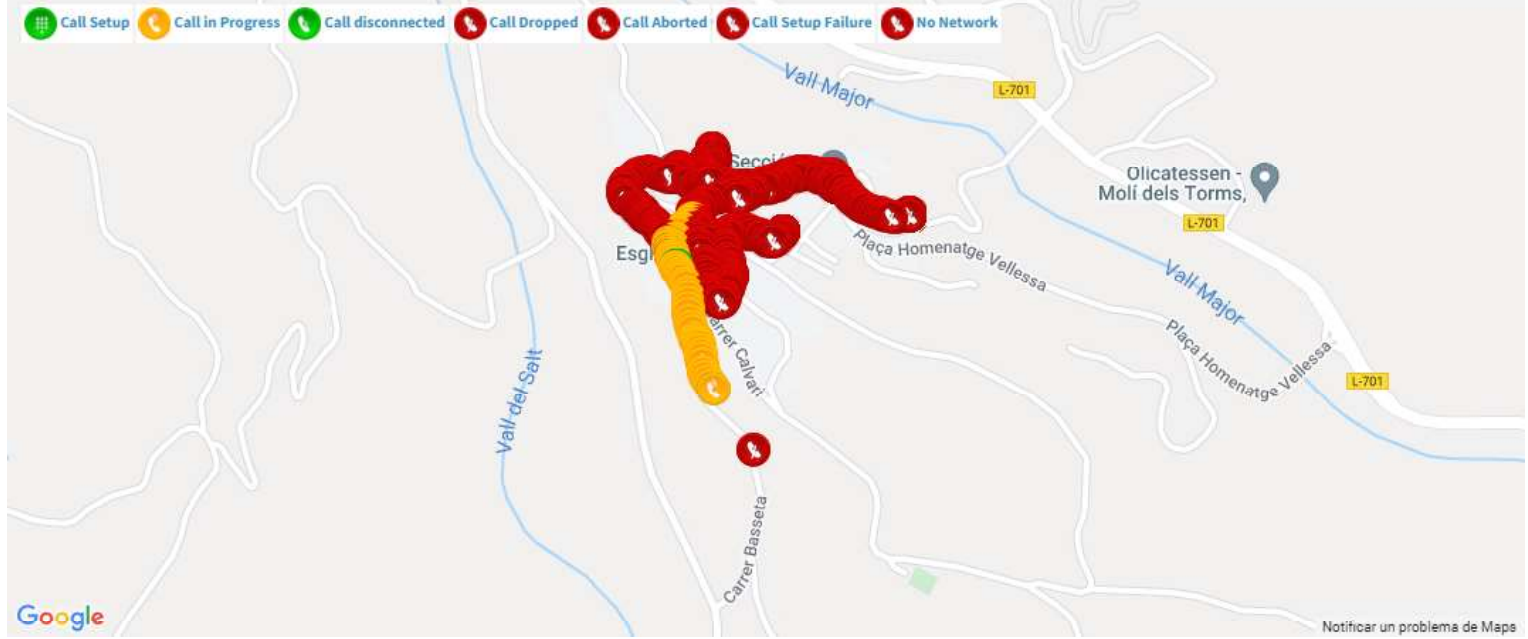


OperatorName	21403_Orange
Test phone Model/Models	Samsung SM-A226B
Report Generation Time	Mar 21, 2022 11:46:07 AM
Test StartTime	Mar 16, 2022 12:27:02 PM
Test EndTime	Mar 16, 2022 12:45:46 PM
Voice Call Test	Yes

## Voice call test report

Call test view of mobile operators for 21403\_Orange

### ORANGE SERVEI DE VEU, MAPA DE TRUCADES, ELS TORMS



Call test KPI statistics per mobile operator for 21403\_Orange

Operators	21403	21407
Total Calls Success	1	0
Total Calls Attempted	23	0
Total Calls Failed	22	0
Dropped Calls	1	0
Aborted Calls	0	0
CallSetup Failed	21	0
No Network	0	0
Attempted Voice call on 2G	1	0
Attempted Voice call on 3G	16	0
Attempted Voice call on 4G (VoLTE)	1	0
Attempted Voice call on 2G/3G	1	0
Attempted Voice call on 3G/2G	2	0
CSFB call to 3G Failed	2	0

# User perceived mobile network coverage during tests



mobile network coverage during tests for operators 21403\_Orange



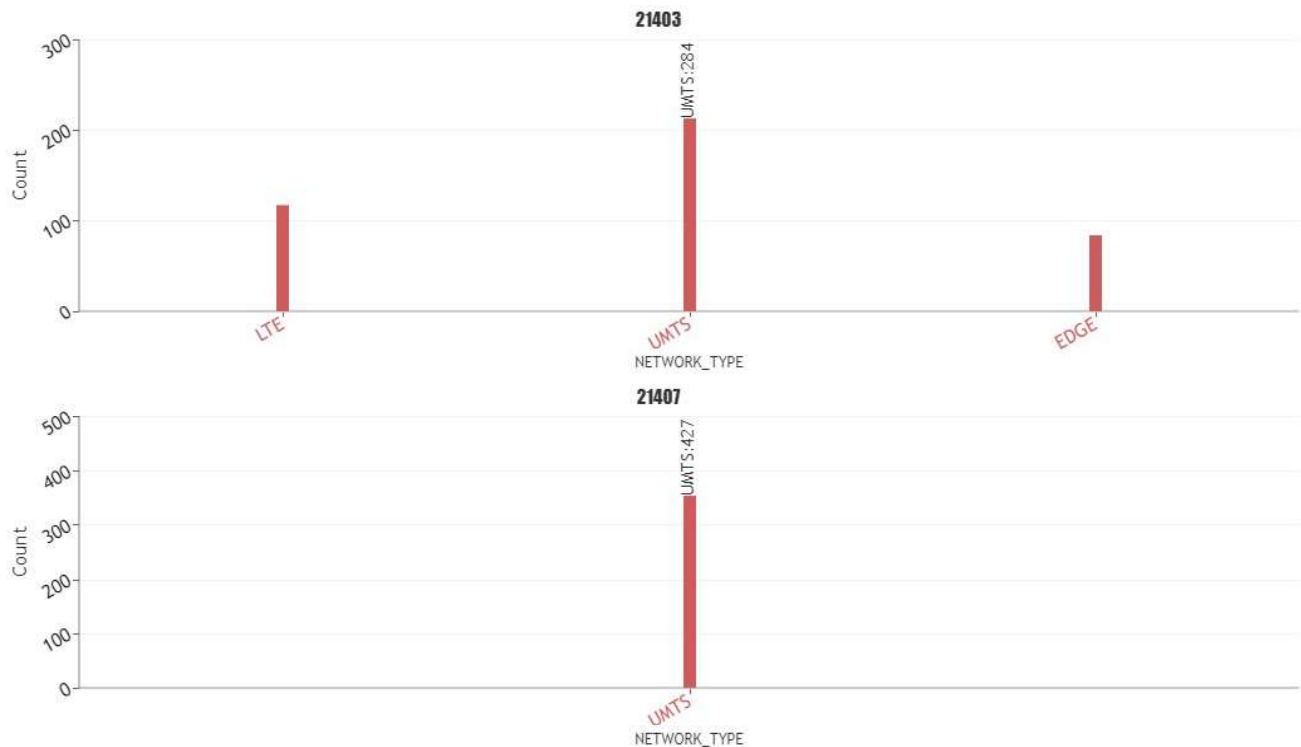
ORANGE SERVEI DE VEU, ACCÉS A XARXES DE L'OPERADOR, ELS TORMS



## RAN technology statistics per mobile network operator for 21403\_Orange

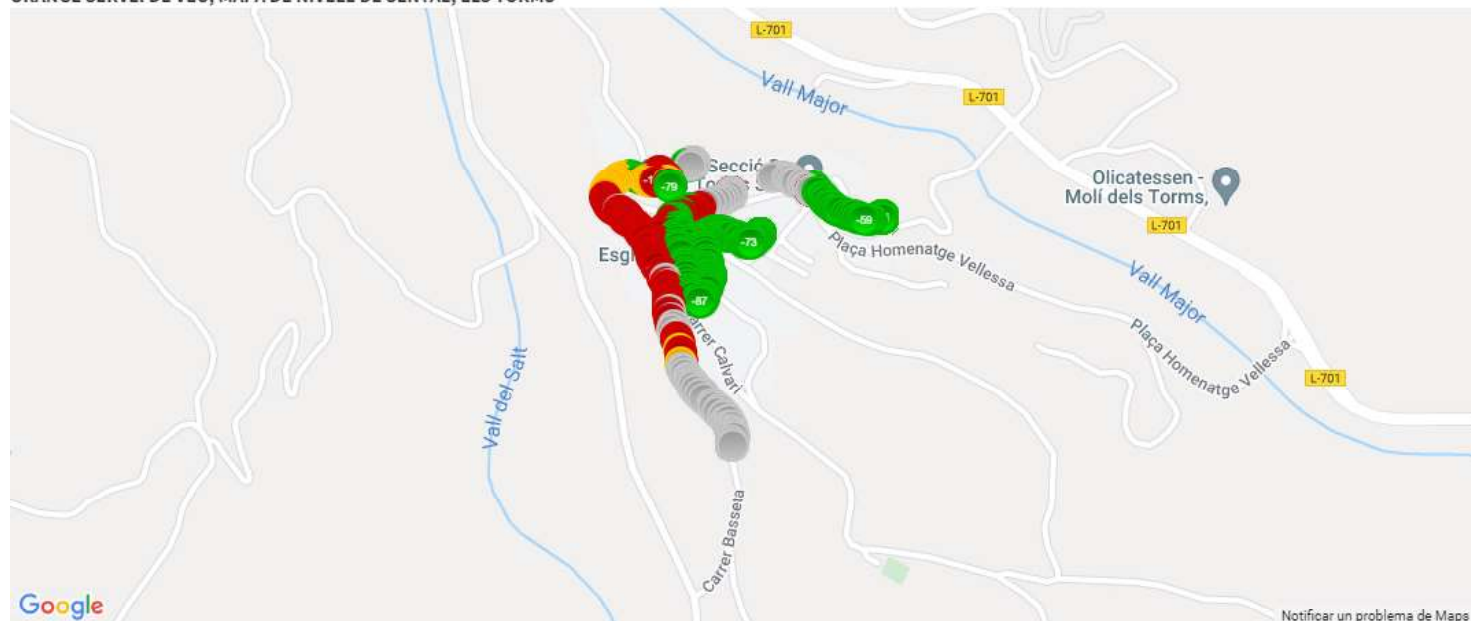
Network Type	21407	21403
5G	0.0000%	0.0000%
4G	0.0000%	24.2798%
3G	100.0000%	58.4362%
2G	0.0000%	17.2840%
CDMA	0.0000%	0.0000%
NONNETWORK	0.0000%	0.0000%
Total Geo samples	427	486

## RAN technology distribution chart per mobile network operator for 21403\_Orange



RSI KPI statistics per mobile operator for operator 21403\_Orange

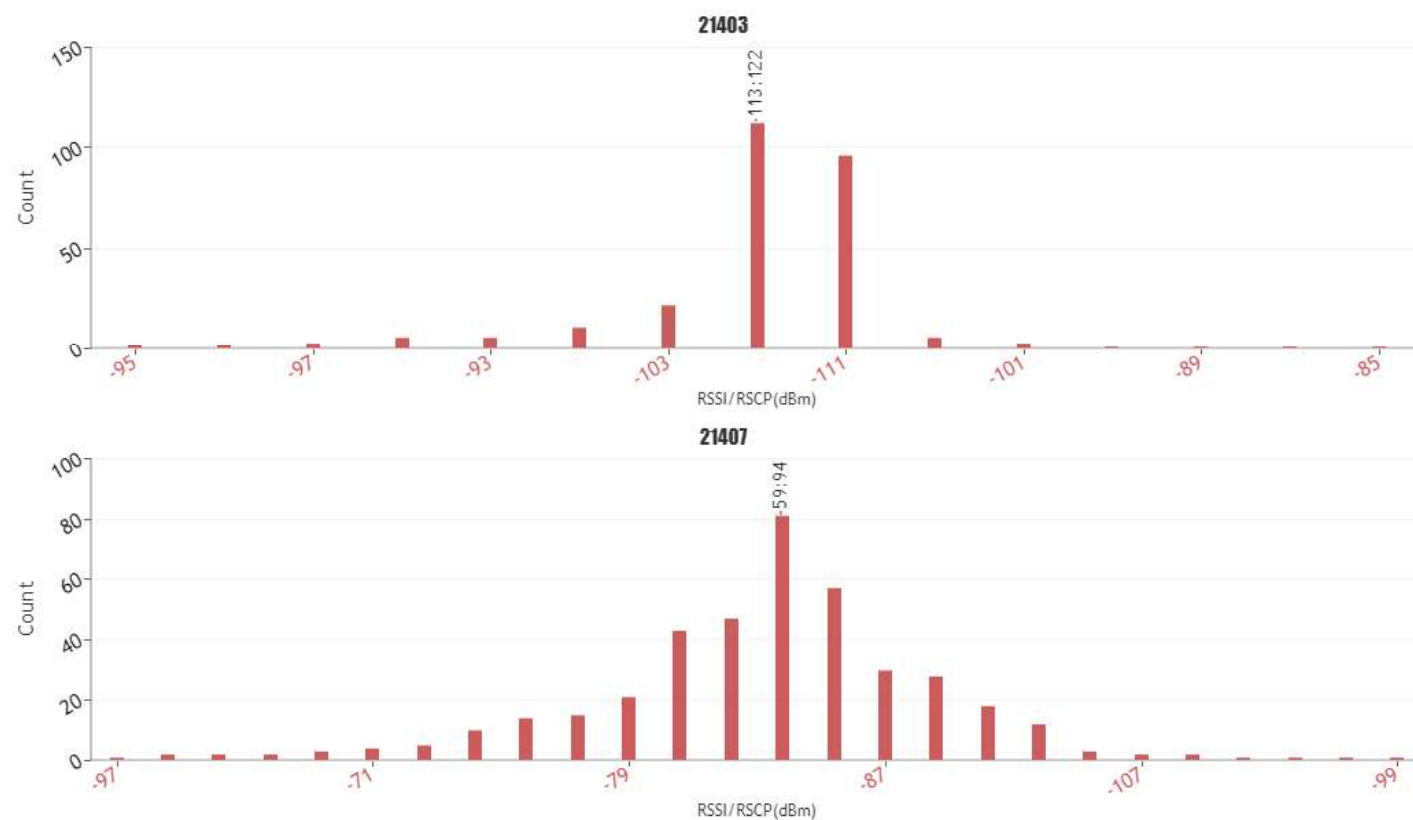
ORANGE SERVEI DE VEU, MAPA DE NIVELL DE SENYAL, ELS TORMS



RSI KPI statistics per mobile operator for 21403\_Orange

Operators	21407	21403
>= -89dBm	91.1695 % (count : 382)	1.4134 % (count : 4)
B/w -99dBm to -90dBm	0.9547 % (count : 4)	4.5936 % (count : 13)
B/w -112dBm to -100dBm	4.2959 % (count : 18)	50.8834 % (count : 144)
<= -113dBm	3.5800 % (count : 15)	43.1095 % (count : 122)
Total Geo samples	419	283

RSI distribution chart per mobile operator for 21403\_Orange



# RantCell User QoE test report



OperatorName	21403_Orange
Test phone Model/Models	Samsung SM-A226B
Report Generation Time	Mar 21, 2022 11:50:04 AM
Test StartTime	Mar 16, 2022 12:28:14 PM
Test EndTime	Mar 16, 2022 12:46:08 PM
Download Speed Test	Yes



# Download speed test report



Download speed test view for 21403\_Orange

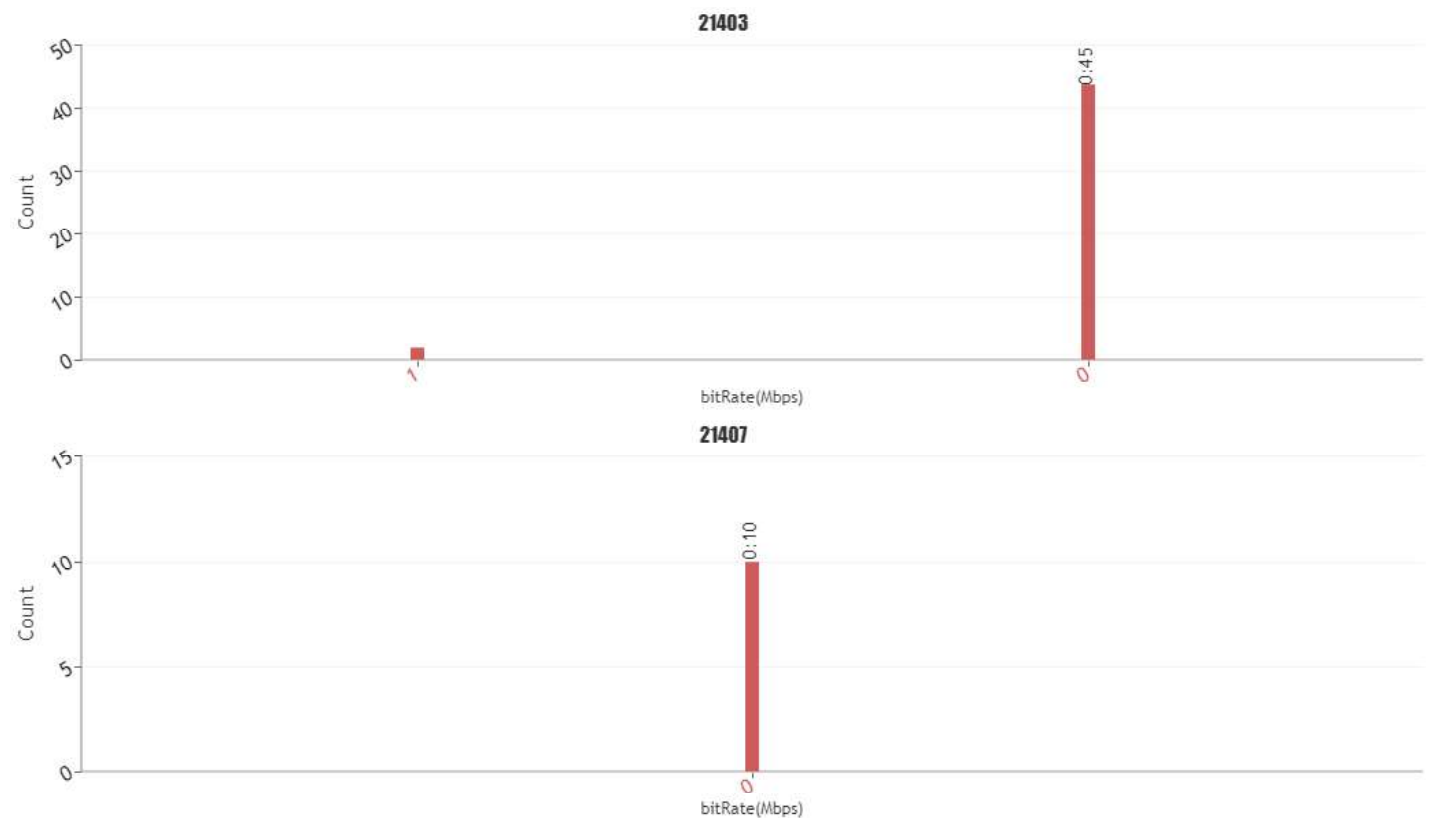
## ORANGE SERVEI DE DADES, MAPA DE VELOCITATS DE DESCÀRREGA, ELS TORMS



## Download test KPI statistics per mobile operator for 21403\_Orange

Operators	21407	21403
above 1.2Mbps	0 % (count : 0)	0 % (count : 0)
0.4Mbps - 1.2Mbps	0 % (count : 0)	6.3830 % (count : 3)
0Mbps - 0.4Mbps	100.0000 % (count : 10)	93.6170 % (count : 44)
Average (mbps)	0.00	0.05
Peak Speed (mbps)	0	0.89
Lowest Recorded (mbps)	0	0
Total Geo samples	10	47

## Download test distribution chart per mobile operators for 21403\_Orange



# User perceived mobile network coverage during tests



mobile network coverage during tests for operators 21403\_Orange



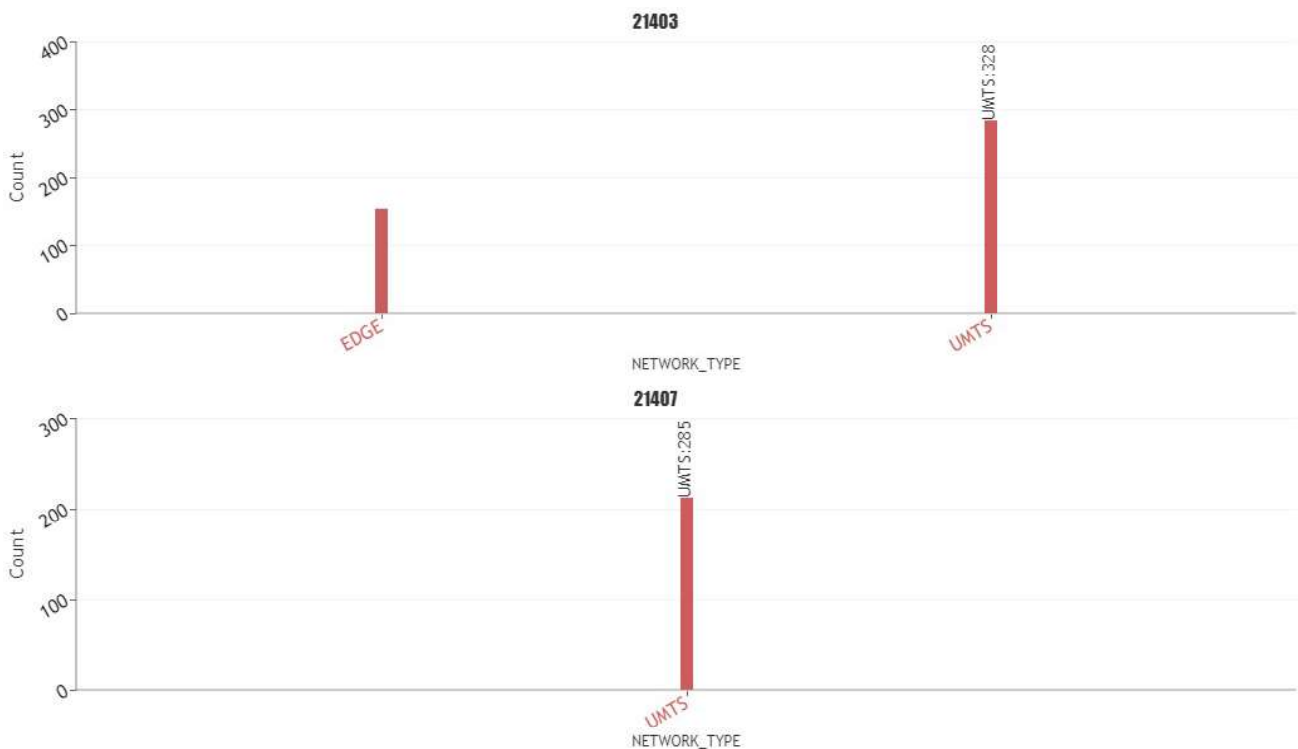
ORANGE SERVEI DE DADES, ACCÉS A XARXES DE L'OPERADOR, ELS TORMS



## RAN technology statistics per mobile network operator for 21403\_Orange

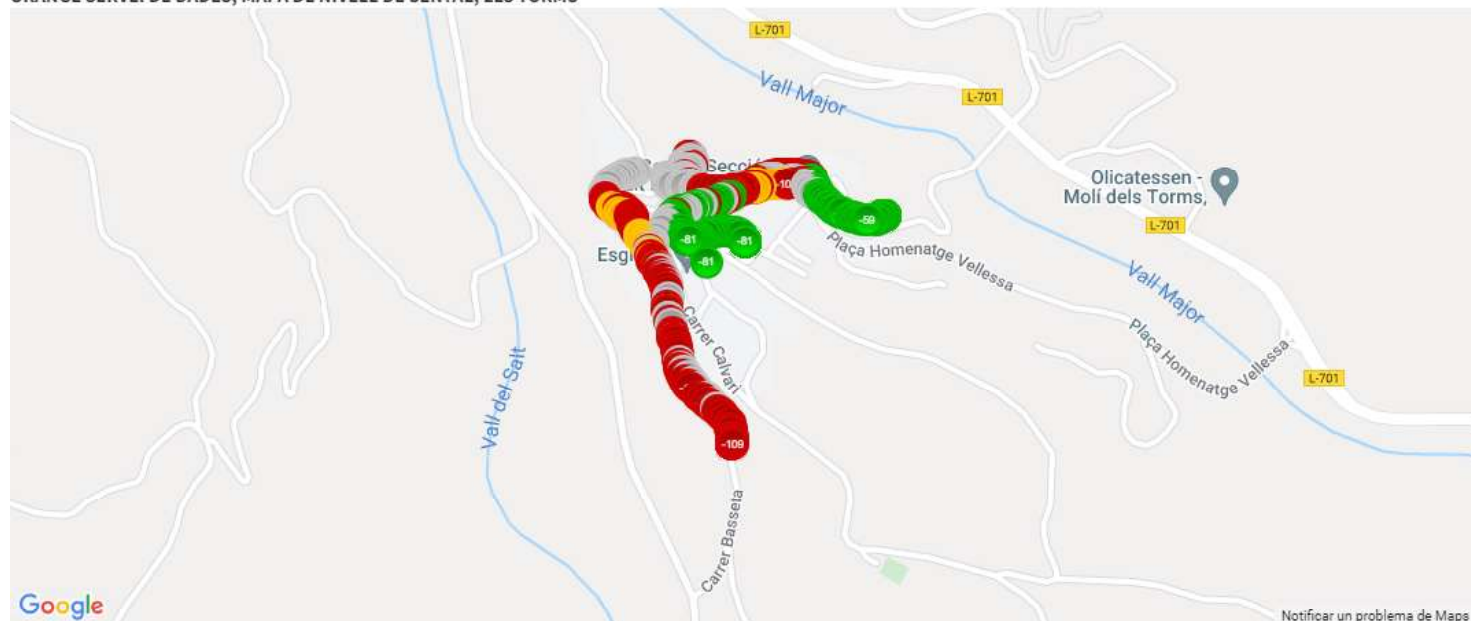
Network Type	21407	21403
5G	0.0000%	0.0000%
4G	0.0000%	0.0000%
3G	100.0000%	67.9089%
2G	0.0000%	32.0911%
CDMA	0.0000%	0.0000%
NONNETWORK	0.0000%	0.0000%
Total Geo samples	285	483

## RAN technology distribution chart per mobile network operator for 21403\_Orange



RSI KPI statistics per mobile operator for operator 21403\_Orange

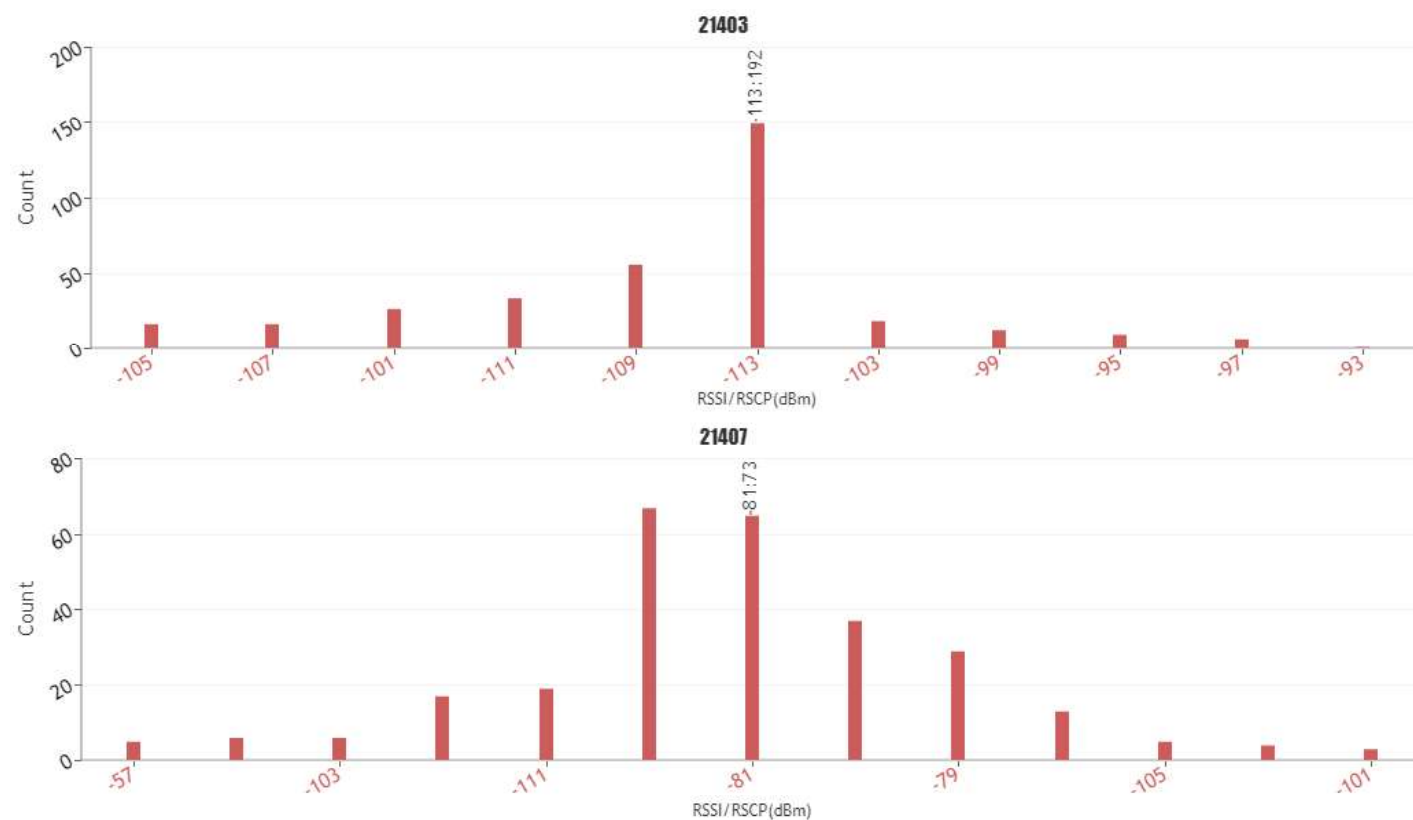
ORANGE SERVEI DE DADES, MAPA DE NIVELL DE SENYAL, ELS TORMS



RSI KPI statistics per mobile operator for 21403\_Orange

Operators	21407	21403
>= -89dBm	67.2535 % (count : 191)	0 % (count : 0)
B/w -99dBm to -90dBm	1.4085 % (count : 4)	7.8880 % (count : 31)
B/w -112dBm to -100dBm	18.3099 % (count : 52)	43.2570 % (count : 170)
<= -113dBm	13.0282 % (count : 37)	48.8550 % (count : 192)
Total Geo samples	284	393

RSI distribution chart per mobile operator for 21403\_Orange



## FULLEDA: RESUM MESURES

OPERADOR	SERVEI DE VEU	SERVEI DE DADES
MOVISTAR	DEFICIENT 30% (3G)	DEFICIENT 30% (3G/4G/5G)
VODAFONE	CORRECTE (3G)	CORRECTE (3G)
ORANGE	DEFICIENT 30% (3G)	DEFICIENT 50% (3G)

Comentaris:

No es troben deficiències significatives de servei de veu o dades de Vodafone. Movistar té una cobertura de veu i dades deficient al 70% del poble (segons percentatge de trucades fallades i percentatge de velocitats inferiors a 1,2 Mbps). Orange té una cobertura de veu i dades deficient al 70% i 50% del poble respectivament (segons percentatge de trucades fallades i percentatge de velocitats inferiors a 1,2 Mbps).

Disposen de fibra de Adamo.

Servei de Vodafone a l'extrem nord del poble. Servei de Movistar i Orange provinent de municipis propers.



**VODAFONE ESPAÑA, S.A.**

Estación: 106584  
Dirección: VP POLIGONO 1 PARCELA 157.  
FULLEDA, LLEIDA  
Posición: 41.465083 lat / 1.023417 lng  
Elevación: **Sólo PRO**

ID	BANDA	MODOS*
1	949.90 - 959.90	2G 3G
1	949.90 - 959.90	2G 3G



#### ORANGE ESPAGNE, S.A.U.

Estación: CATR9847A

Dirección: PG POLIGONO 1 PARCELA 264.  
ESPLUGA CALBA (L), LLEIDA

Posición: 41.501414 lat / 1.003375 lng

Elevación: **Sólo PRO**

ID	BANDA	MODOS*
1	925.10 - 935.10	2G 3G
1	925.10 - 935.10	2G 3G

#### TELEFONICA MOVILES ESPAÑA, S.A.U.

Estación: 2500221

Dirección: ZN Polígono 4 Parcela 3. ESPLUGA  
CALBA (L), LLEIDA

Posición: 41.494058 lat / 1.009069 lng

Elevación: **Sólo PRO**

ID	BANDA	MODOS*
1	852.00 - 862.00	4G
1	935.10 - 949.90	2G
1	935.10 - 949.90	2G

#### ORANGE ESPAGNE, S.A.U.

Estación: CATR5666A

Dirección: ZN POLÍGONO 1 PARCELA 199.  
TARRÉS, LLEIDA

Posición: 41.423722 lat / 1.0185 lng

Elevación: **Sólo PRO**

ID	BANDA	MODOS*
1	832.00 - 842.00	4G
1	925.10 - 935.10	2G 3G
1	925.10 - 935.10	2G 3G

# RantCell User QoE test report



OperatorName	21407_Movistar
Test phone Model/Models	Samsung SM-A226B
Report Generation Time	Mar 23, 2022 11:55:52 AM
Test StartTime	Mar 21, 2022 1:41:14 PM
Test EndTime	Mar 21, 2022 1:59:10 PM
Voice Call Test	Yes



## Voice call test report

Call test view of mobile operators for 21407\_Movistar

### MOVISTAR SERVEI DE VEU, MAPA DE TRUCADES, FULLEDA



Call test KPI statistics per mobile operator for 21407\_Movistar

Operators	21407	21401
Total Calls Success	9	0
Total Calls Attempted	33	0
Total Calls Failed	24	0
Dropped Calls	2	0
Aborted Calls	0	0
CallSetup Failed	22	0
No Network	0	0
Attempted Voice call on 2G	0	0
Attempted Voice call on 3G	26	0
Attempted Voice call on 4G (VoLTE)	2	0
Successful CSFB call to 3G	2	0
SRVCC call to 3G	1	0
CSFB call to 2G Failed	1	0
Not Determined(Voice CallType)	1	0

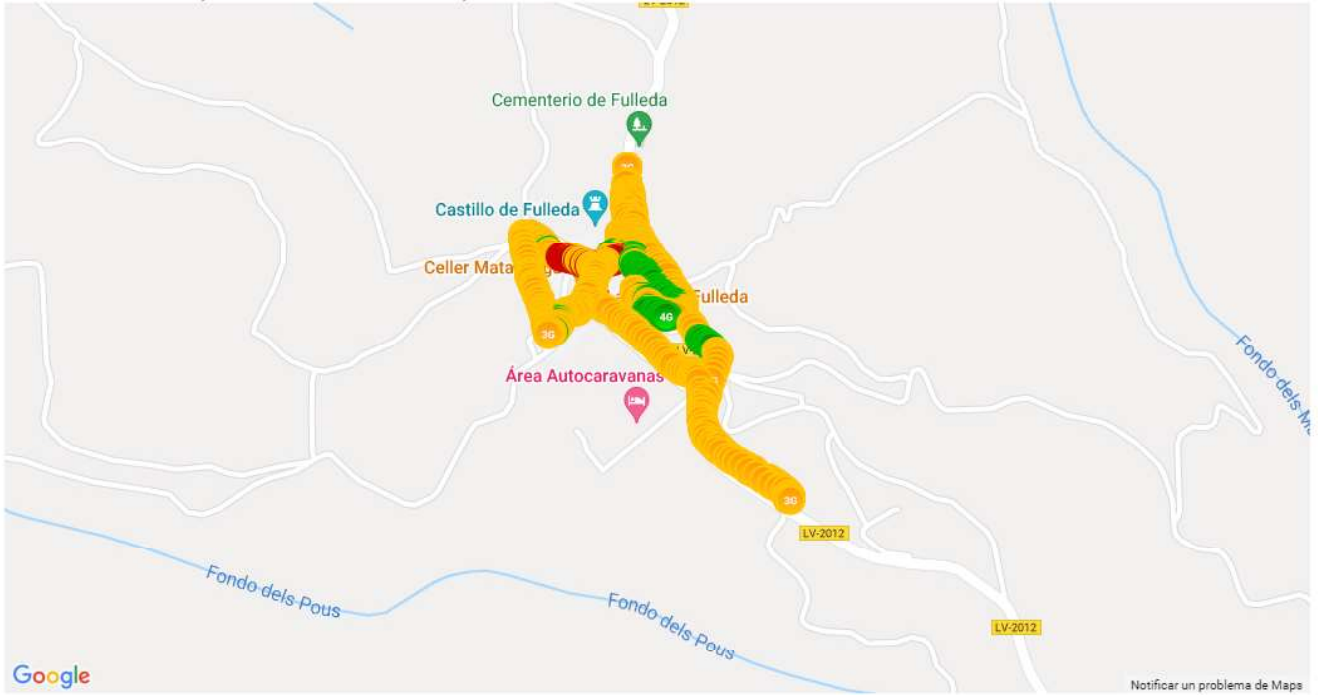
# User perceived mobile network coverage during tests



mobile network coverage during tests for operators 21407\_Movistar



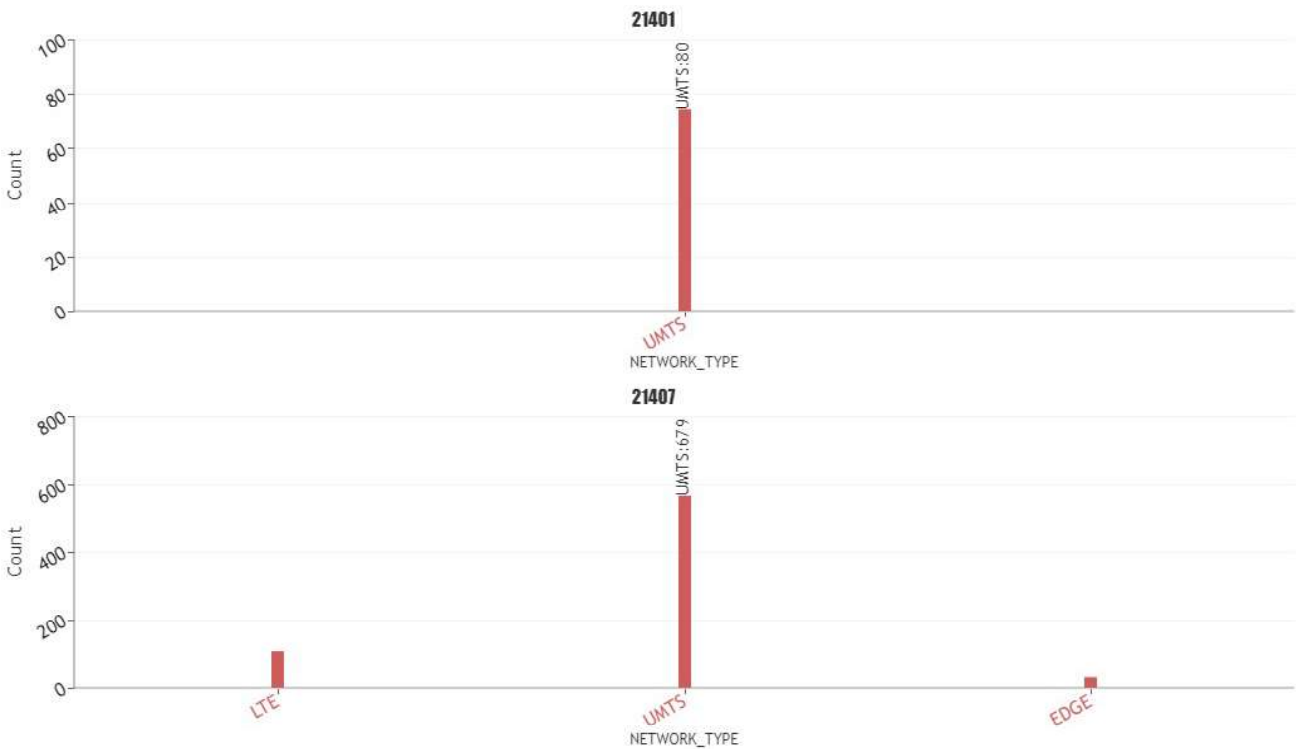
MOVISTAR SERVEI DE VEU, ACCÉS A XARXES DE L'OPERADOR, FULLEDA



## RAN technology statistics per mobile network operator for 21407\_Movistar

Network Type	21407	21401
5G	0.0000%	0.0000%
4G	13.2765%	0.0000%
3G	82.7040%	100.0000%
2G	4.0195%	0.0000%
CDMA	0.0000%	0.0000%
NONNETWORK	0.0000%	0.0000%
Total Geo samples	821	80

## RAN technology distribution chart per mobile network operator for 21407\_Movistar



RSI KPI statistics per mobile operator for operator 21407\_Movistar

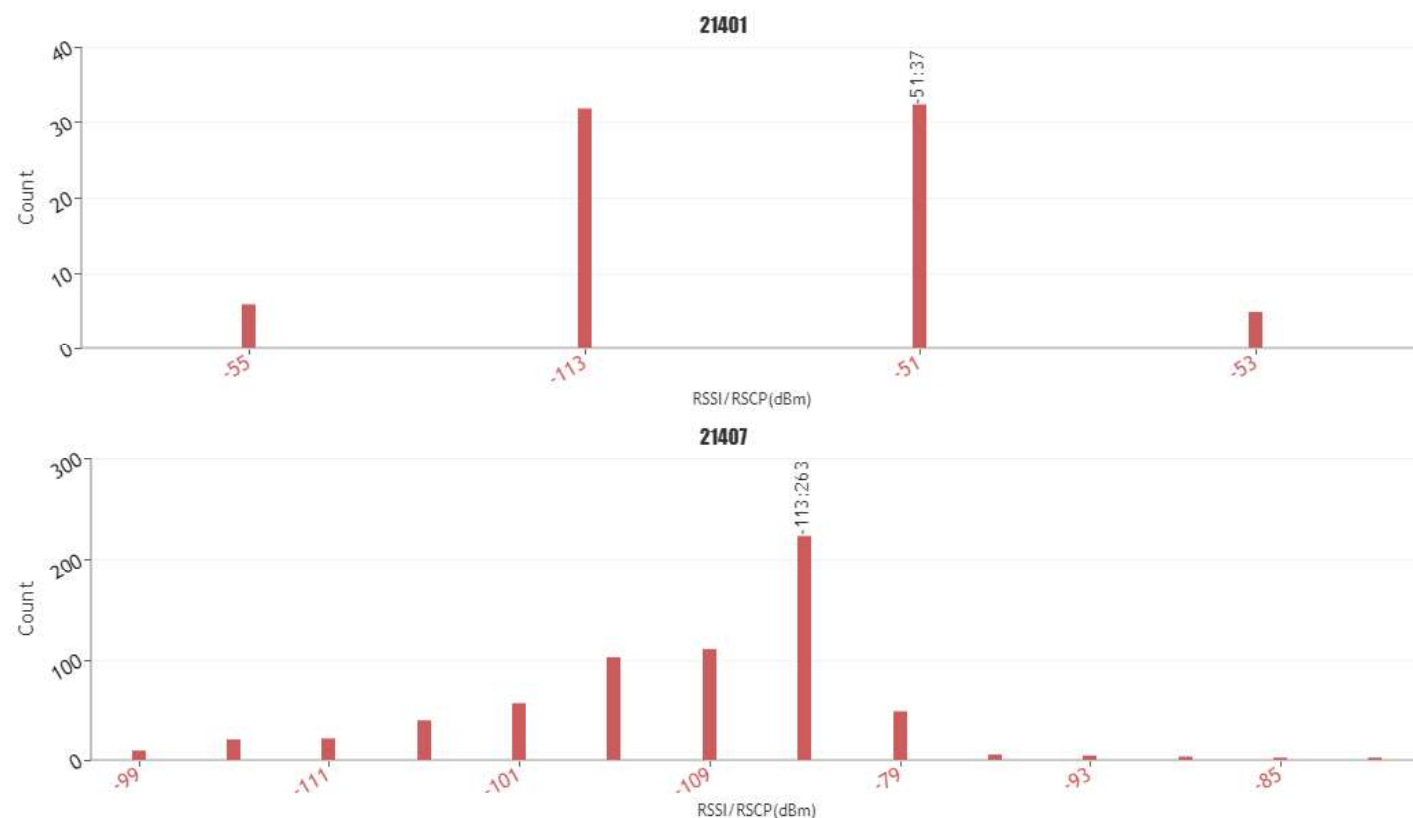
MOVISTAR SERVEI DE VEU, MAPA DE NIVELL DE SENYAL, FULLEDA



RSI KPI statistics per mobile operator for 21407\_Movistar

Operators	21407	21401
>= -89dBm	7.4605 % (count : 52)	60.0000 % (count : 48)
B/w -99dBm to -90dBm	4.0172 % (count : 28)	0 % (count : 0)
B/w -112dBm to -100dBm	50.7891 % (count : 354)	0 % (count : 0)
<= -113dBm	37.7331 % (count : 263)	40.0000 % (count : 32)
Total Geo samples	697	80

RSI distribution chart per mobile operator for 21407\_Movistar



# RantCell User QoE test report



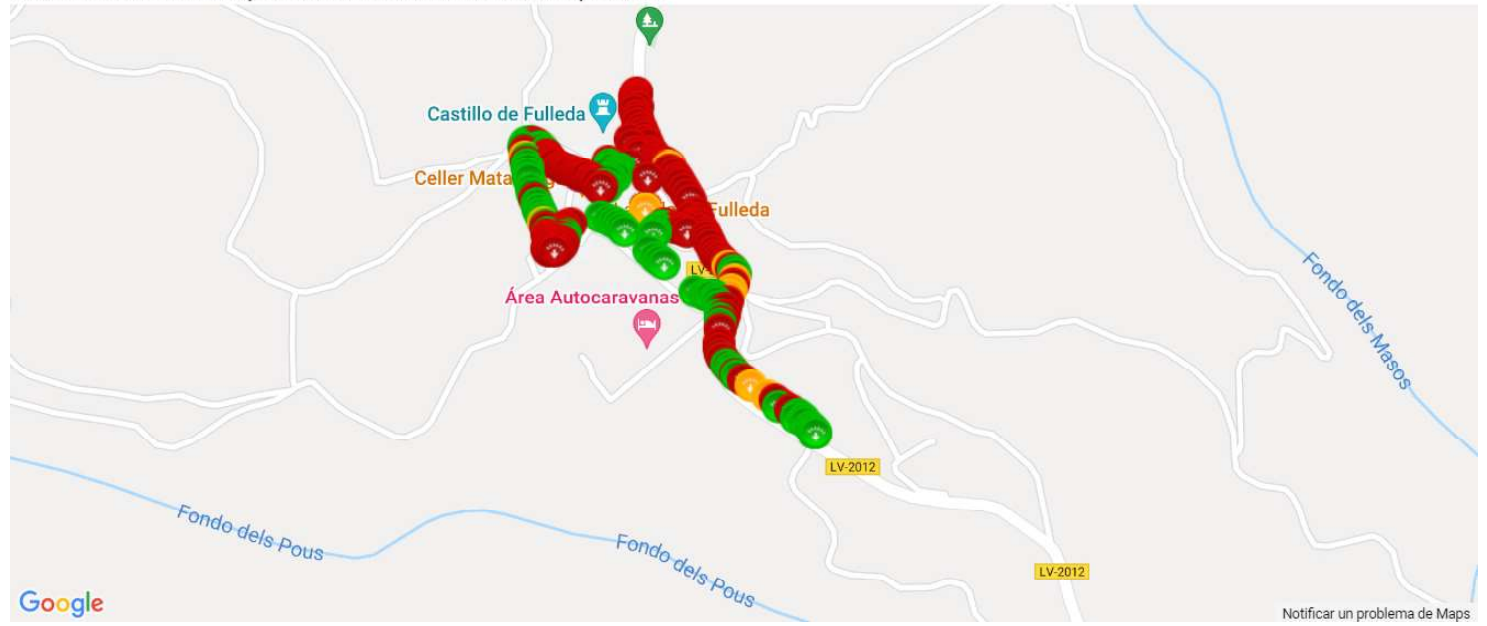
OperatorName	21407_Movistar
Test phone Model/Models	Samsung SM-A226B
Report Generation Time	Mar 25, 2022 12:35:52 PM
Test StartTime	Mar 21, 2022 1:41:25 PM
Test EndTime	Mar 21, 2022 1:59:06 PM
Download Speed Test	Yes

# Download speed test report



Download speed test view for 21407\_Movistar

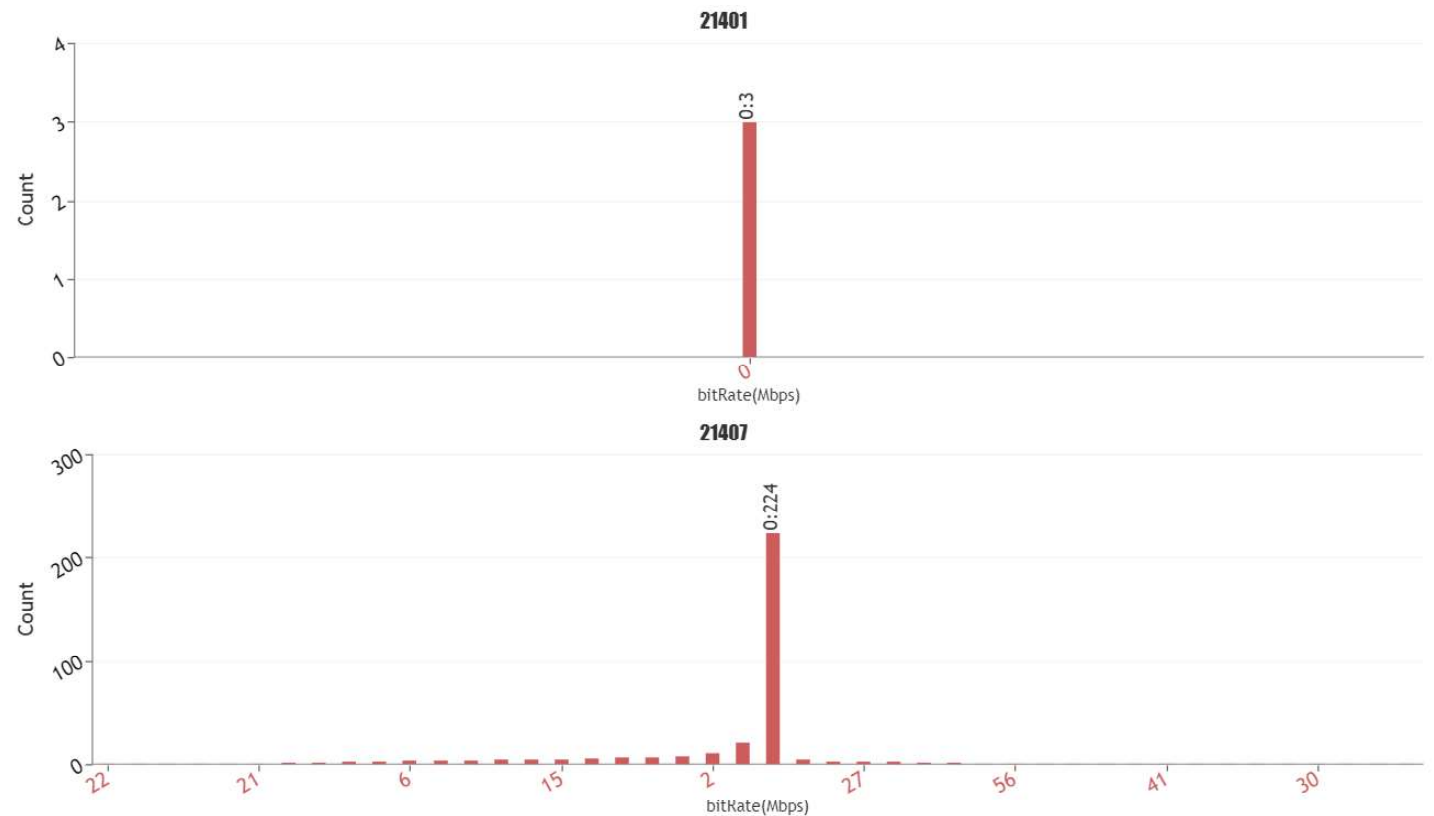
## MOVISTAR SERVEI DE DADES, MAPA DE VELOCITATS DE DESCÀRREGA, FULLEDA



## Download test KPI statistics per mobile operator for 21407\_Movistar

Operators	21407	21401
above 1.2Mbps	33.3333 % (count : 120)	0 % (count : 0)
0.4Mbps - 1.2Mbps	5.2778 % (count : 19)	0 % (count : 0)
0Mbps - 0.4Mbps	61.3889 % (count : 221)	100.0000 % (count : 3)
Average (mbps)	5.23	0.00
Peak Speed (mbps)	59.34	0
Lowest Recorded (mbps)	0	0
Total Geo samples	360	3

## Download test distribution chart per mobile operators for 21407\_Movistar



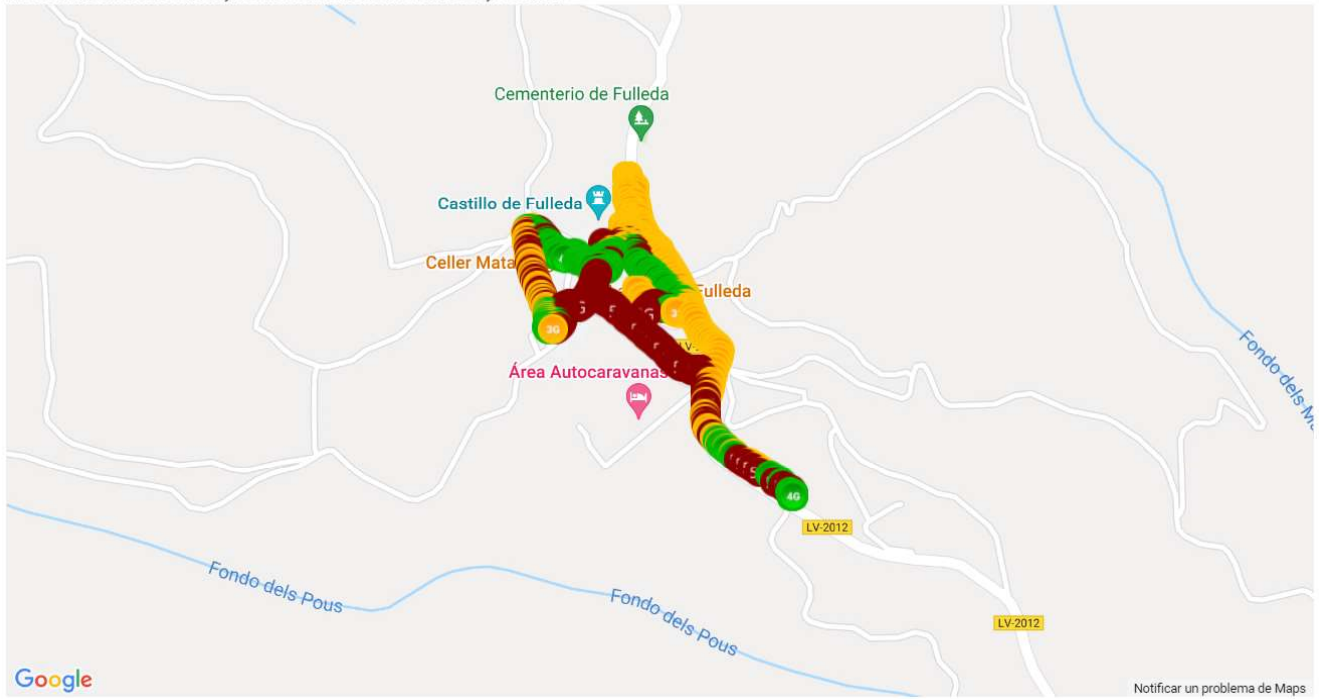
# User perceived mobile network coverage during tests



mobile network coverage during tests for operators 21407\_Movistar



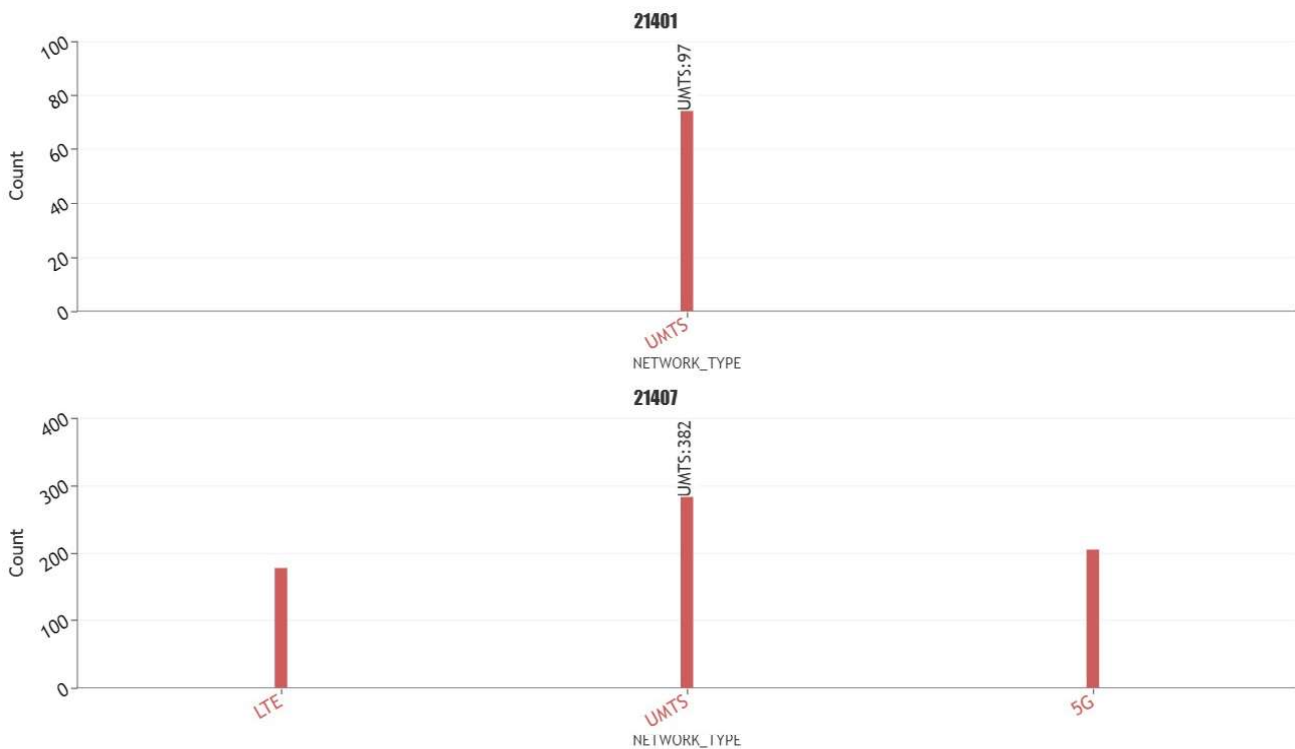
MOVISTAR SERVEI DE DADES, ACCÉS A XARXES DE L'OPERADOR, FULLEDA



## RAN technology statistics per mobile network operator for 21407\_Movistar

Network Type	21407	21401
5G	26.7974%	0.0000%
4G	23.2680%	0.0000%
3G	49.9346%	100.0000%
2G	0.0000%	0.0000%
CDMA	0.0000%	0.0000%
NONNETWORK	0.0000%	0.0000%
Total Geo samples	765	97

## RAN technology distribution chart per mobile network operator for 21407\_Movistar





## RSRP view

RSRP KPI statistics per mobile operator for operator 21407\_Movistar

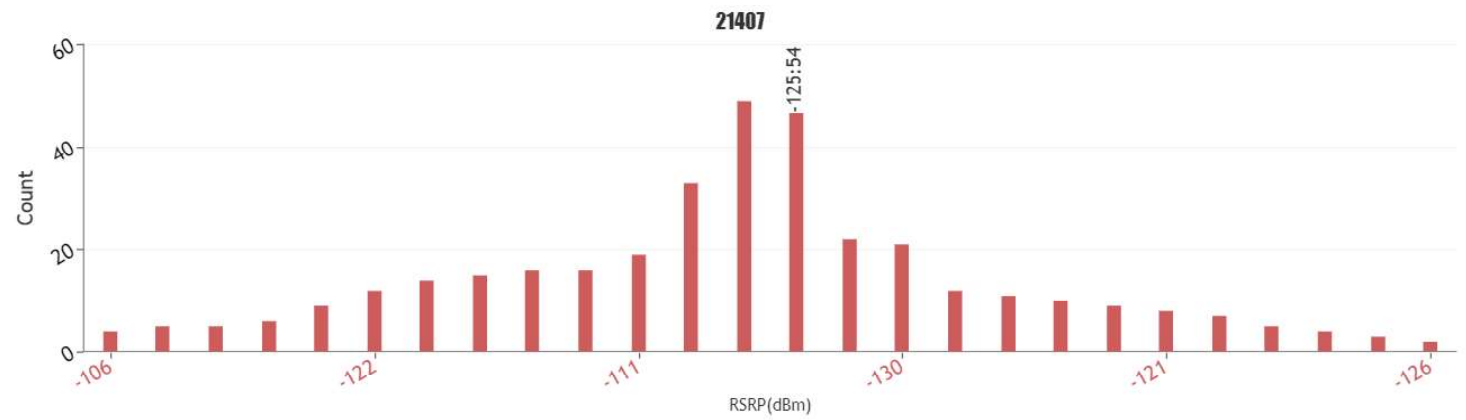
MOVISTAR SERVEI DE DADES, MAPA DE NIVELL DE SENYAL 4G/5G, FULLEDA



RSRP KPI statistics per mobile operator for 21407\_Movistar

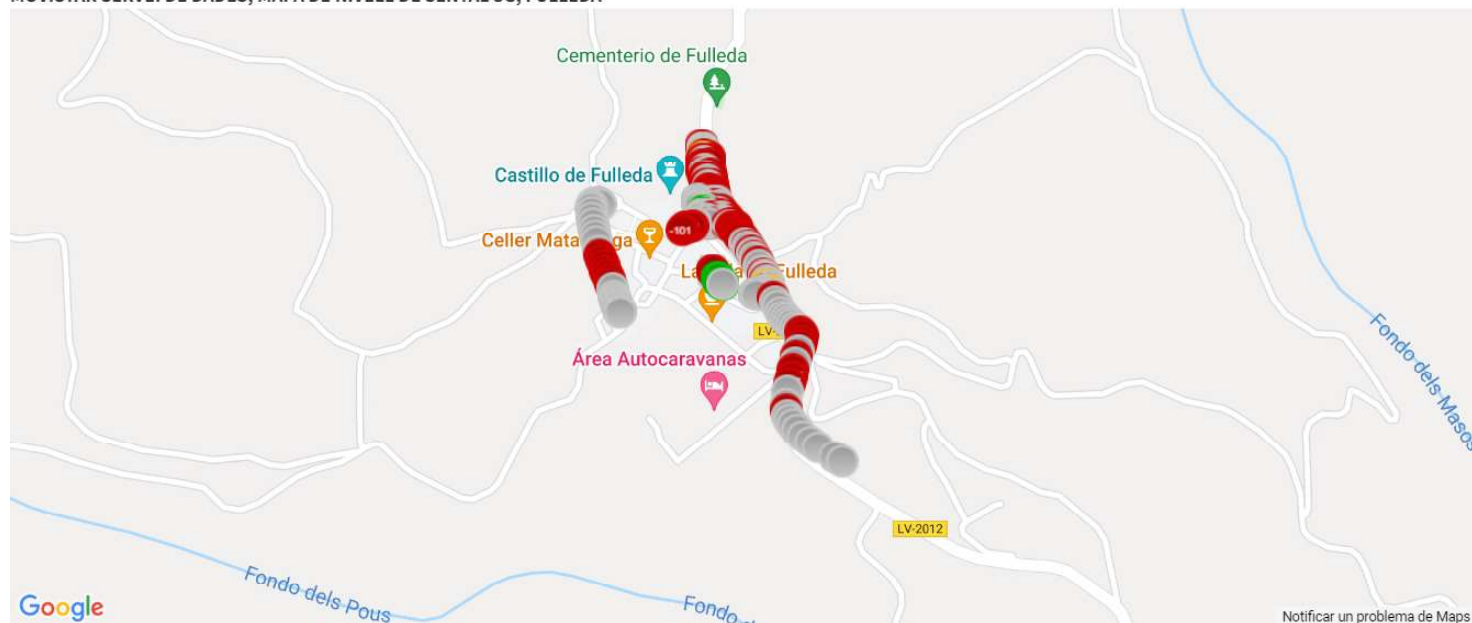
Operators	21407
<b>&gt;= to -89dBm</b>	0 % (count : 0)
<b>B/w -99dBm to -90dBm</b>	0 % (count : 0)
<b>B/w -112dBm to -100dBm</b>	18.0593 % (count : 67)
<b>&lt;= -113dBm</b>	81.9407 % (count : 304)
Total Geo samples	371

RSRP distribution chart per mobile operator for 21407\_Movistar



RS SI KPI statistics per mobile operator for operator 21407\_Movistar

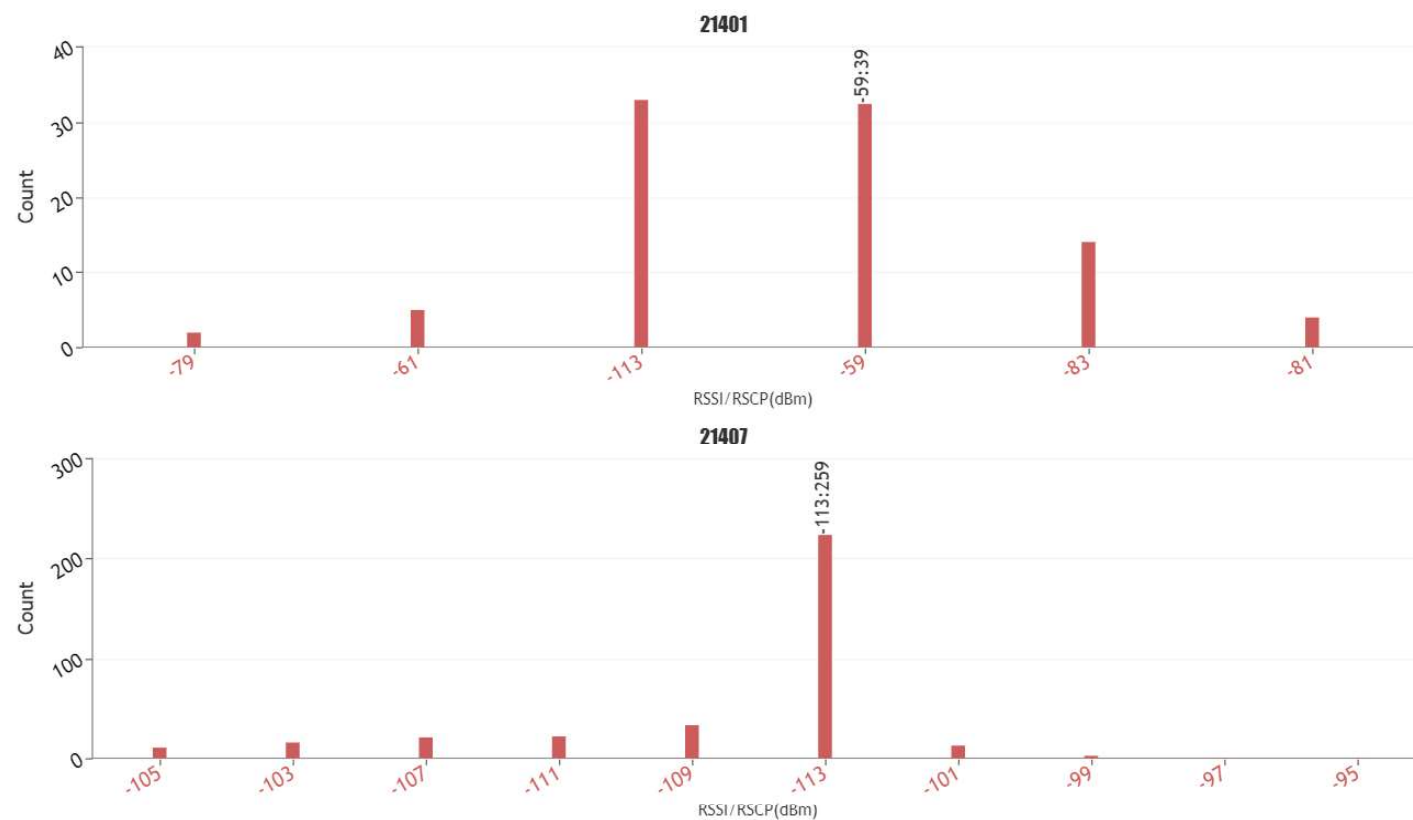
MOVISTAR SERVEI DE DADES, MAPA DE NIVELL DE SENYAL 3G, FULLEDA



RS SI KPI statistics per mobile operator for 21407\_Movistar

Operators	21407	21401
>= -89dBm	0 % (count : 0)	65.9794 % (count : 64)
B/w -99dBm to -90dBm	1.3123 % (count : 5)	0 % (count : 0)
B/w -112dBm to -100dBm	30.7087 % (count : 117)	0 % (count : 0)
<= -113dBm	67.9790 % (count : 259)	34.0206 % (count : 33)
Total Geo samples	381	97

RS SI distribution chart per mobile operator for 21407\_Movistar



# RantCell User QoE test report



OperatorName	21401_vodafone ES
Test phone Model/Models	Samsung SM-A226B
Report Generation Time	Mar 23, 2022 12:15:26 PM
Test StartTime	Mar 21, 2022 1:40:57 PM
Test EndTime	Mar 21, 2022 1:59:04 PM
Voice Call Test	Yes

## Voice call test report

Call test view of mobile operators for 21401\_vodafone ES

### VODAFONE SERVEI DE VEU, MAPA DE TRUCADES, FULLEDA



Call test KPI statistics per mobile operator for 21401\_vodafone ES

Operators	21401
Total Calls Success	20
Total Calls Attempted	20
Total Calls Failed	0
Dropped Calls	0
Aborted Calls	0
CallSetup Failed	0
No Network	0
Attempted Voice call on 2G	0
Attempted Voice call on 3G	16
Successful CSFB call to 2G	1
Successful CSFB call to 3G	3

# User perceived mobile network coverage during tests



mobile network coverage during tests for operators 21401\_vodafone ES



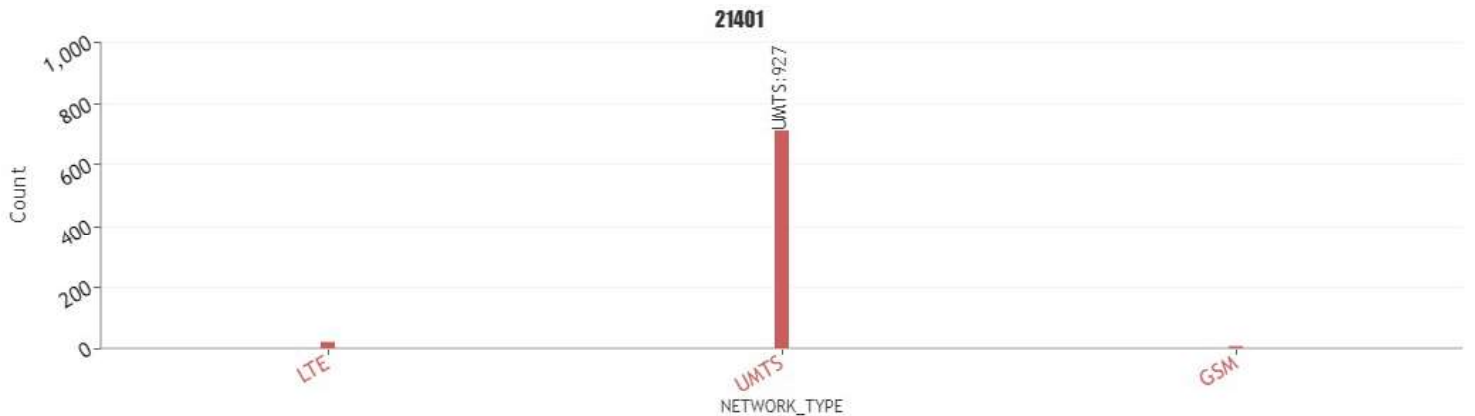
VODAFONE SERVEI DE VEU, ACCÉS A XARXES DE L'OPERADOR, FULLEDA



## RAN technology statistics per mobile network operator for 21401\_vodafone ES

Network Type	21401
5G	0.0000%
4G	2.3983%
3G	96.6632%
2G	0.9385%
CDMA	0.0000%
NONNETWORK	0.0000%
Total Geo samples	959

## RAN technology distribution chart per mobile network operator for 21401\_vodafone ES



## RSSI view



RSSI KPI statistics per mobile operator for operator 21401\_vodafone ES

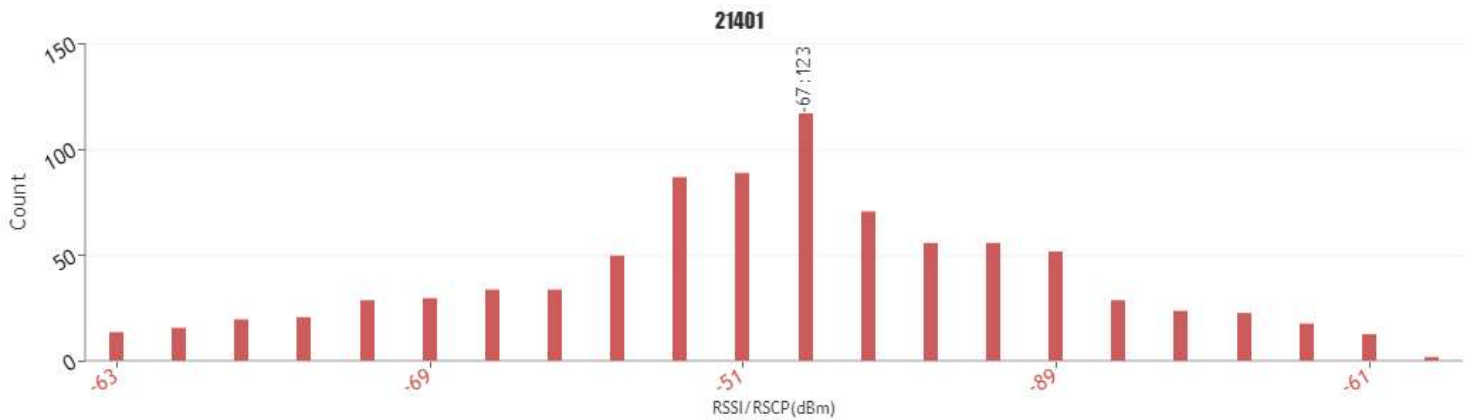
VODAFONE SERVEI DE VEU, MAPA DE NIVELL DE SENYAL, FULLEDA



RSSI KPI statistics per mobile operator for 21401\_vodafone ES

Operators	21401
>= -89dBm	97.7553 % (count : 871)
B/w -99dBm to -90dBm	0.2245 % (count : 2)
B/w -112dBm to -100dBm	0 % (count : 0)
<= -113dBm	2.0202 % (count : 18)
Total Geo samples	891

RSSI distribution chart per mobile operator for 21401\_vodafone ES





# RantCell User QoE test report



OperatorName	21401_vodafone ES
Test phone Model/Models	Samsung SM-A226B
Report Generation Time	Mar 23, 2022 12:18:08 PM
Test StartTime	Mar 21, 2022 1:41:41 PM
Test EndTime	Mar 21, 2022 1:59:19 PM
Download Speed Test	Yes

# Download speed test report

Download speed test view for 21401\_vodafone ES



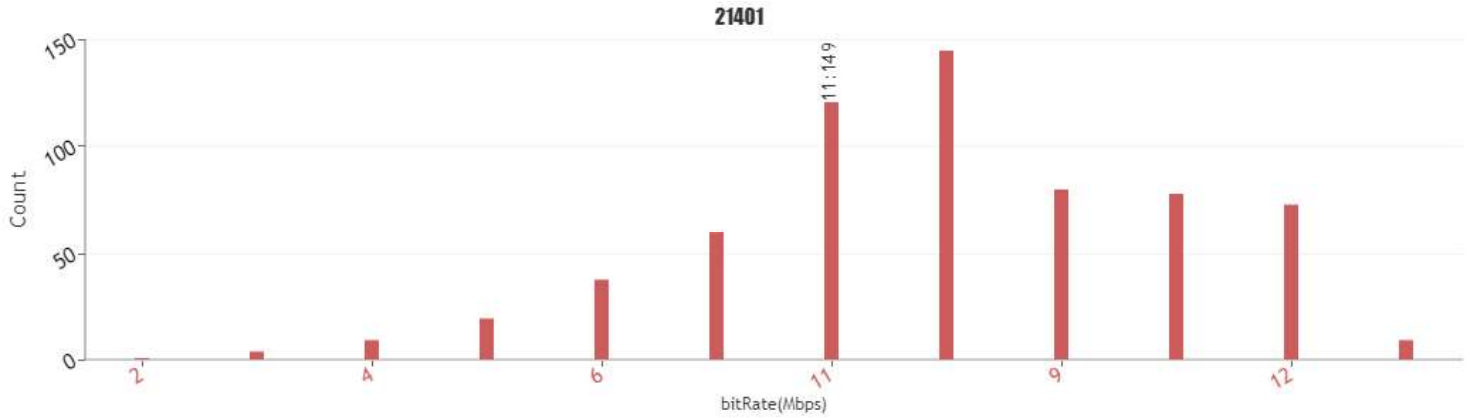
VODAFONE SERVEI DE DADES, MAPA DE VELOCITATS DE DESCÀRREGA, FULLEDA



Download test KPI statistics per mobile operator for 21401\_vodafone ES

Operators	21401
above 1.2Mbps	100.0000 % (count : 668)
0.4Mbps - 1.2Mbps	0 % (count : 0)
0Mbps - 0.4Mbps	0 % (count : 0)
Average (mbps)	9.32
Peak Speed (mbps)	12.97
Lowest Recorded (mbps)	2.19
Total Geo samples	668

Download test distribution chart per mobile operators for 21401\_vodafone ES





# RSSI view



RSSI KPI statistics per mobile operator for operator 21401\_vodafone ES

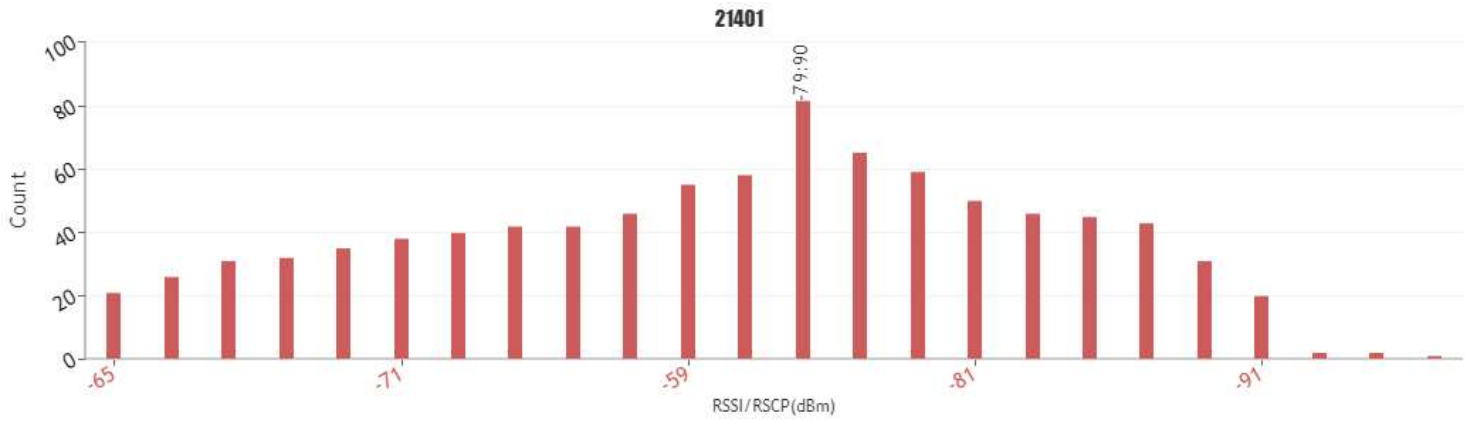
VODAFONE SERVEI DE DADES, MAPA DE NIVELL DE SENYAL, FULLEDA



RSSI KPI statistics per mobile operator for 21401\_vodafone ES

Operators	21401
>= -89dBm	97.2826 % (count : 895)
B/w -99dBm to -90dBm	2.7174 % (count : 25)
B/w -112dBm to -100dBm	0 % (count : 0)
<= -113dBm	0 % (count : 0)
Total Geo samples	920

RSSI distribution chart per mobile operator for 21401\_vodafone ES



# RantCell User QoE test report



OperatorName	21403_Orange
Test phone Model/Models	Samsung SM-A226B
Report Generation Time	Mar 23, 2022 12:09:48 PM
Test StartTime	Mar 21, 2022 1:41:06 PM
Test EndTime	Mar 21, 2022 1:59:27 PM
Voice Call Test	Yes

## Voice call test report

Call test view of mobile operators for 21403\_Orange

### ORANGE SERVEI DE VEU, MAPA DE TRUCADES, FULLEDA



Call test KPI statistics per mobile operator for 21403\_Orange

Operators	21403	21401
Total Calls Success	9	0
Total Calls Attempted	26	0
Total Calls Failed	17	0
Dropped Calls	3	0
Aborted Calls	0	0
CallSetup Failed	14	0
No Network <a href="#">?</a>	0	0
Attempted Voice call on 2G <a href="#">?</a>	5	0
Attempted Voice call on 3G <a href="#">?</a>	16	0
Attempted Voice call on 4G (VoLTE) <a href="#">?</a>	1	0
Successful CSFB call to 3G <a href="#">?</a>	2	0
Not Determined(Voice CallType) <a href="#">?</a>	2	0





RSI KPI statistics per mobile operator for operator 21403\_Orange

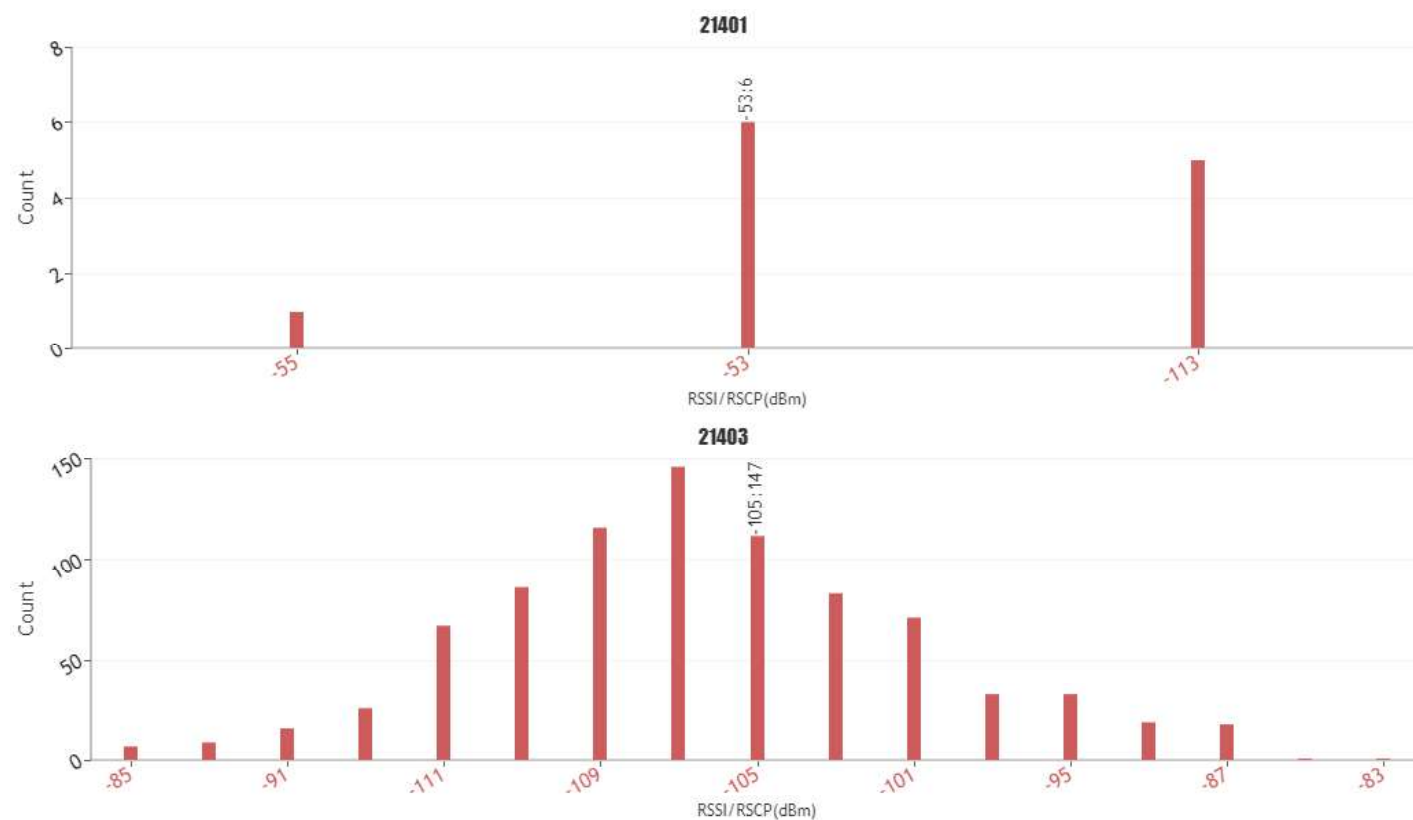
ORANGE SERVEI DE VEU, MAPA DE NIVELL DE SENYAL, FULLEDA



RSI KPI statistics per mobile operator for 21403\_Orange

Operators	21403	21401
>= -89dBm	4.0956 % (count : 36)	58.3333 % (count : 7)
B/w -99dBm to -90dBm	20.9329 % (count : 184)	0 % (count : 0)
B/w -112dBm to -100dBm	58.3618 % (count : 513)	0 % (count : 0)
<= -113dBm	16.6098 % (count : 146)	41.6667 % (count : 5)
Total Geo samples	879	12

RSI distribution chart per mobile operator for 21403\_Orange



# RantCell User QoE test report



OperatorName	21403_Orange
Test phone Model/Models	Samsung SM-A226B
Report Generation Time	Mar 23, 2022 12:12:46 PM
Test StartTime	Mar 21, 2022 1:41:33 PM
Test EndTime	Mar 21, 2022 1:59:11 PM
Download Speed Test	Yes

## Download speed test report

Download speed test view for 21403\_Orange

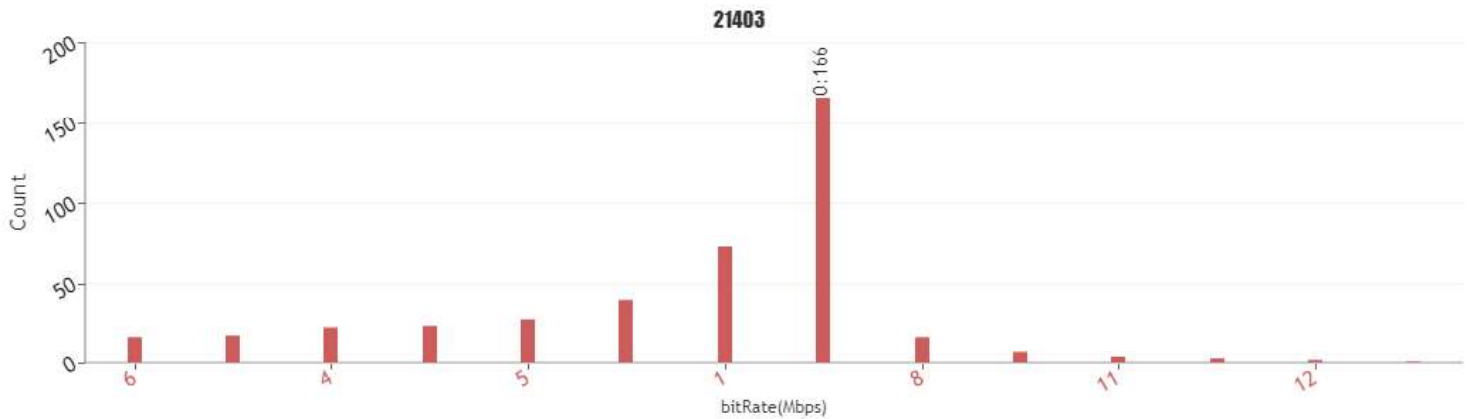
ORANGE SERVEI DE DADES, MAPA DE VELOCITATS DE DESCÀRREGA, FULLEDA



Download test KPI statistics per mobile operator for 21403\_Orange

Operators	21403
above 1.2Mbps	48.2270 % (count : 204)
0.4Mbps - 1.2Mbps	13.9480 % (count : 59)
0Mbps - 0.4Mbps	37.8251 % (count : 160)
Average (mbps)	2.43
Peak Speed (mbps)	12.7
Lowest Recorded (mbps)	0
Total Geo samples	423

Download test distribution chart per mobile operators for 21403\_Orange



# User perceived mobile network coverage during tests



mobile network coverage during tests for operators 21403\_Orange



ORANGE SERVEI DE DADES, ACCÉS A XARXES DE L'OPERADOR, FULLEDA



## RAN technology statistics per mobile network operator for 21403\_Orange

Network Type	21403
5G	0.0000%
4G	7.9262%
3G	92.0738%
2G	0.0000%
CDMA	0.0000%
NONNETWORK	0.0000%
Total Geo samples	921

## RAN technology distribution chart per mobile network operator for 21403\_Orange



## RSSI view



RSSI KPI statistics per mobile operator for operator 21403\_Orange

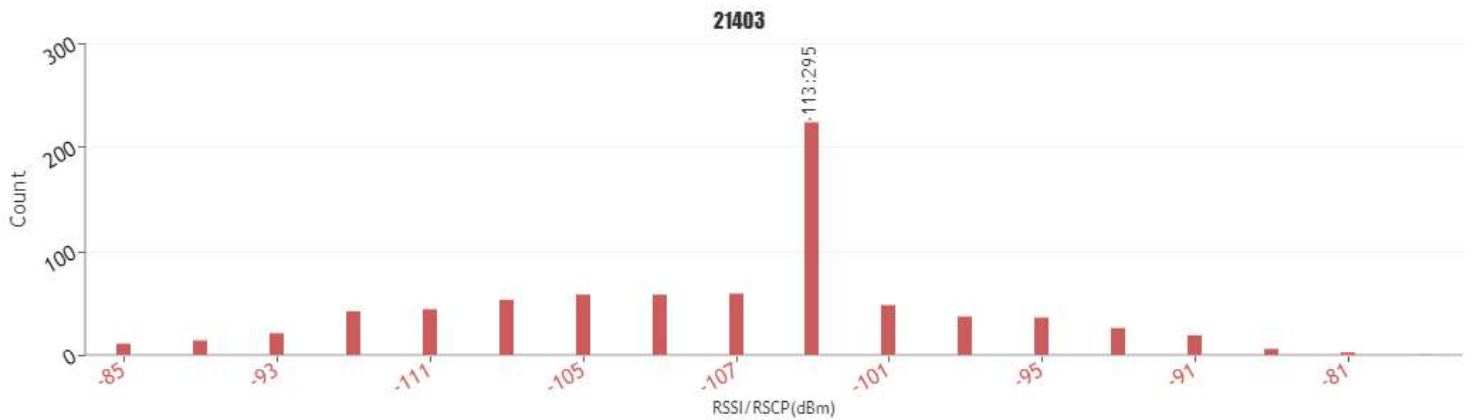
ORANGE SERVEI DE DADES, MAPA DE NIVELL DE SENYAL, FULLEDA



RSSI KPI statistics per mobile operator for 21403\_Orange

Operators	21403
>= -89dBm	7.6832 % (count : 65)
B/w -99dBm to -90dBm	20.8038 % (count : 176)
B/w -112dBm to -100dBm	36.6430 % (count : 310)
<= -113dBm	34.8700 % (count : 295)
Total Geo samples	846

RSSI distribution chart per mobile operator for 21403\_Orange



## GRANYENA DE LES GARRIGUES: RESUM MESURES

OPERADOR	SERVEI DE VEU	SERVEI DE DADES
MOVISTAR	CORRECTE (3G)	CORRECTE (4G)
VODAFONE	CORRECTE (3G)	CORRECTE 70% (3G/4G)
ORANGE	CORRECTE (2G/3G)	CORRECTE (4G)

Comentaris:

No es troben deficiències significatives de servei de veu o dades dels operadors Movistar i Orange. Vodafone té una cobertura de dades deficient al 30% del poble (segons percentatge de velocitats inferiors a 1,2 Mbps).

Disposen de fibra de Adamo.

Servei de Movistar i Orange al costat de l'ermita. Servei de Vodafone provinent de municipis propers.







Granyena de les Garrigues



### TELEFONICA MOVILES ESPAÑA, S.A.U.

Estación: 2500558

Dirección: ZN Polígono 4 Parcela 112.  
GRANYENA DE LES GARRIGUES,  
LLEIDA

Posición: 41.434047 lat / 0.6537 lng

Elevación: **Sólo PRO**

ID BANDA MODOS\*

① 852.00 - 862.00 4G

① 935.10 - 949.90 2G

① 935.10 - 949.90 2G

### ORANGE ESPAGNE, S.A.U.

Estación: CATR9555A

Dirección: PG POLÍGONO 4 PARCELA 112.  
GRANYENA DE LES GARRIGUES, LLEIDA

Posición: 41.434047 lat / 0.6537 lng

Elevación: **Sólo PRO**

ID BANDA MODOS\*

① 925.10 - 935.10 2G 3G

① 925.10 - 935.10 2G 3G



**VODAFONE ESPAÑA, S.A.**

Estación: 54522  
 Dirección: ZN POLIGONO 11 PARCELA 3. GRANADELLA (LA), LLEIDA  
 Posición: 41.362417 lat / 0.6735 lng  
 Elevación: **Sólo PRO**

ID	BANDA	MODOS*
1	949.90 - 959.90	2G 3G

**VODAFONE ESPAÑA, S.A.**

Estación: 106128  
 Dirección: ZN POLÍGONO 6 PARCELA 14., TORREBESSES, LLEIDA  
 Posición: 41.428319 lat / 0.5953 lng  
 Elevación: **Sólo PRO**

ID	BANDA	MODOS*
1	842.00 - 852.00	4G

# RantCell User QoE test report



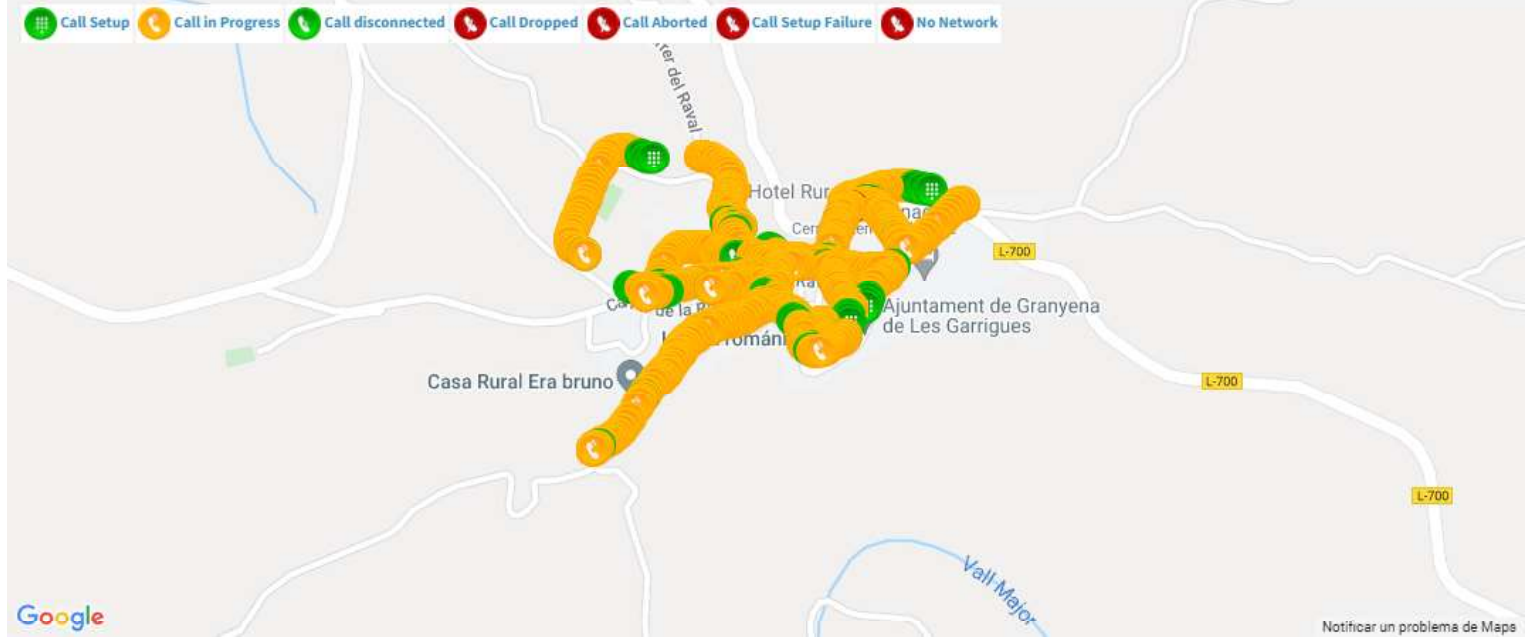
OperatorName	21407_Movistar
Test phone Model/Models	Samsung SM-A226B
Report Generation Time	Mar 21, 2022 8:56:32 AM
Test StartTime	Mar 16, 2022 11:20:13 AM
Test EndTime	Mar 16, 2022 11:39:10 AM
Voice Call Test	Yes

## Voice call test report



Call test view of mobile operators for 21407\_Movistar

### MOVISTAR SERVEI DE VEU, MAPA DE TRUCADES, GRANYENA DE LES GARRIGUES



Call test KPI statistics per mobile operator for 21407\_Movistar

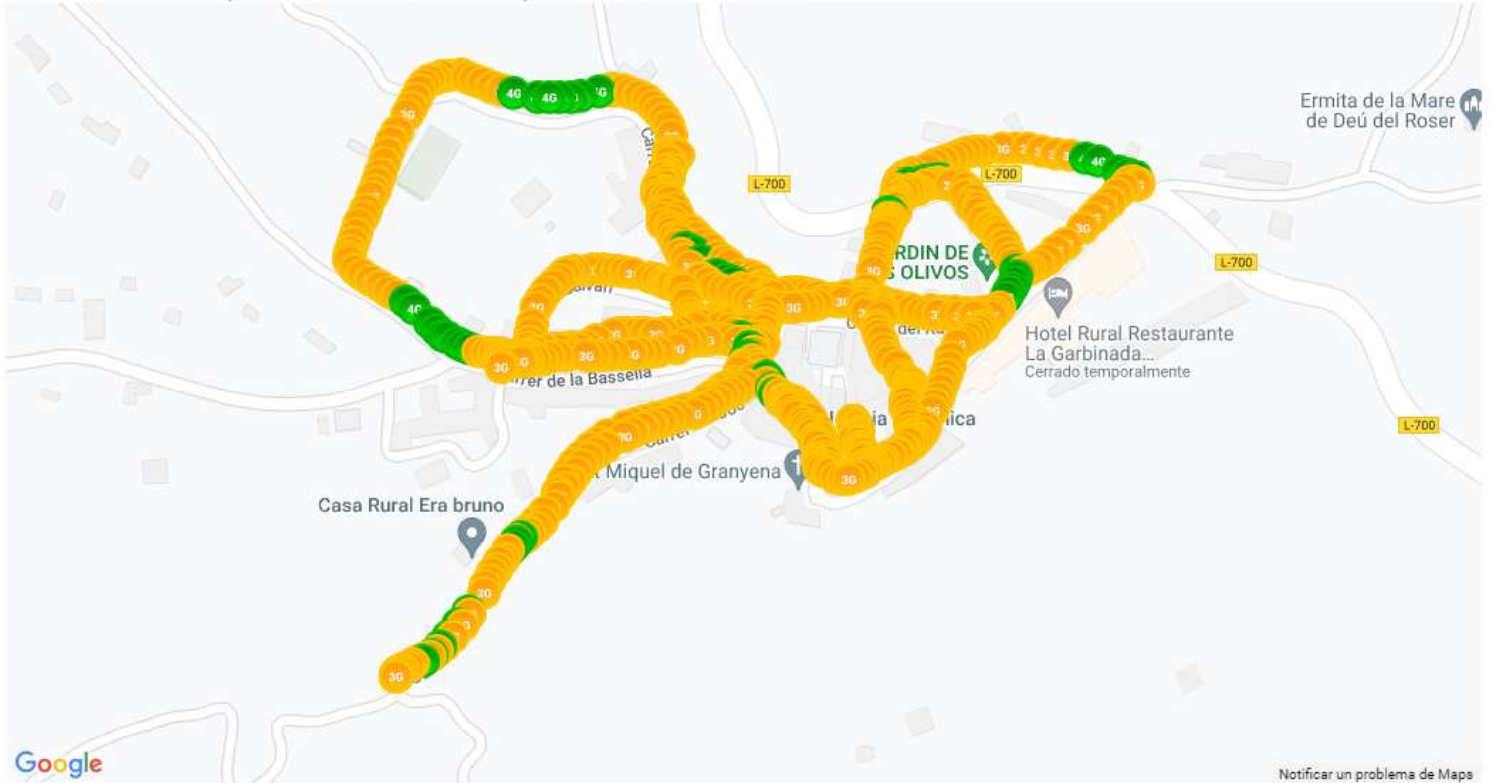
Operators	21407
Total Calls Success	22
Total Calls Attempted	24
Total Calls Failed	2
Dropped Calls	1
Aborted Calls	0
CallSetup Failed	1
No Network <a href="#">?</a>	0
Attempted Voice call on 2G <a href="#">?</a>	0
Attempted Voice call on 3G <a href="#">?</a>	17
Successful CSFB call to 3G <a href="#">?</a>	6
Not Determined(Voice CallType) <a href="#">?</a>	1

# User perceived mobile network coverage during tests

mobile network coverage during tests for operators 21407\_Movistar



MOVISTAR SERVEI DE VEU, ACCÉS A XARXES DE L'OPERADOR, GRANYENA DE LES GARRIGUES



RAN technology statistics per mobile network operator for 21407\_Movistar

Network Type	21407
5G	0.0000%
4G	6.8756%
3G	93.1244%
2G	0.0000%
CDMA	0.0000%
NONNETWORK	0.0000%
Total Geo samples	989

RAN technology distribution chart per mobile network operator for 21407\_Movistar

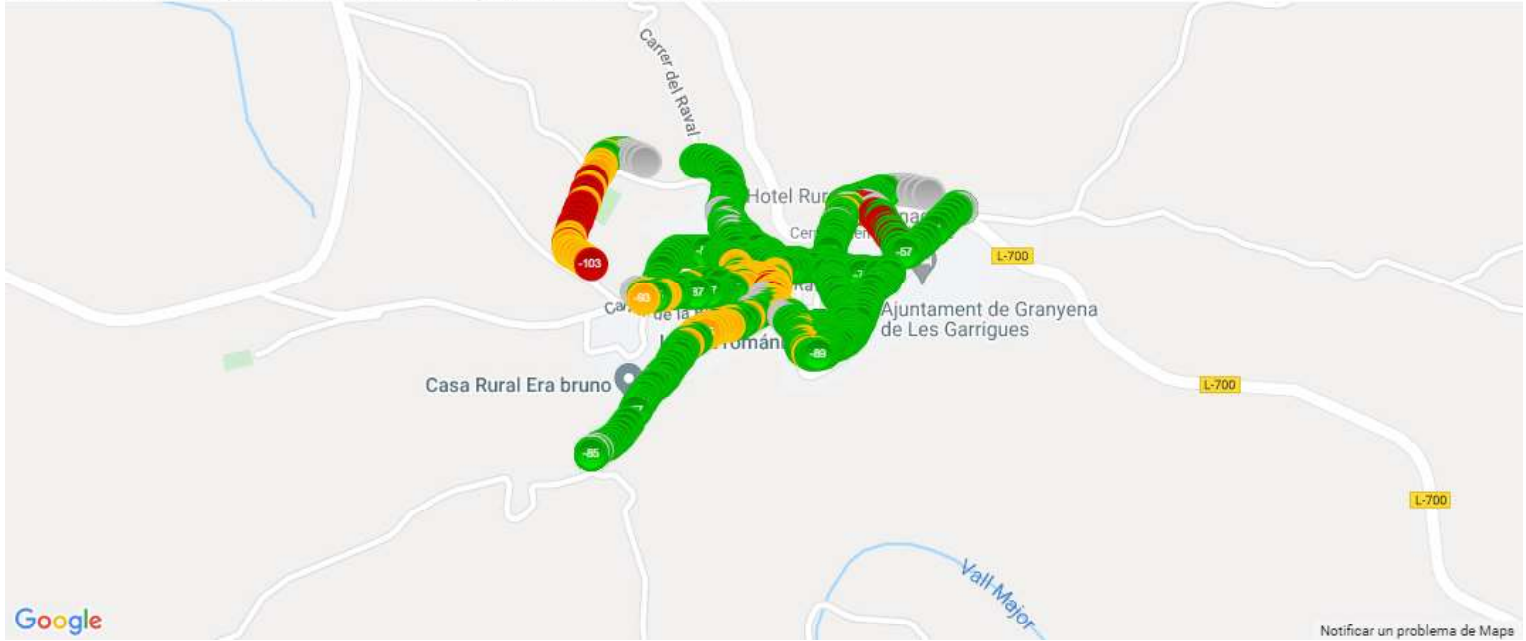


# RSSI view



RSSI KPI statistics per mobile operator for operator 21407\_Movistar

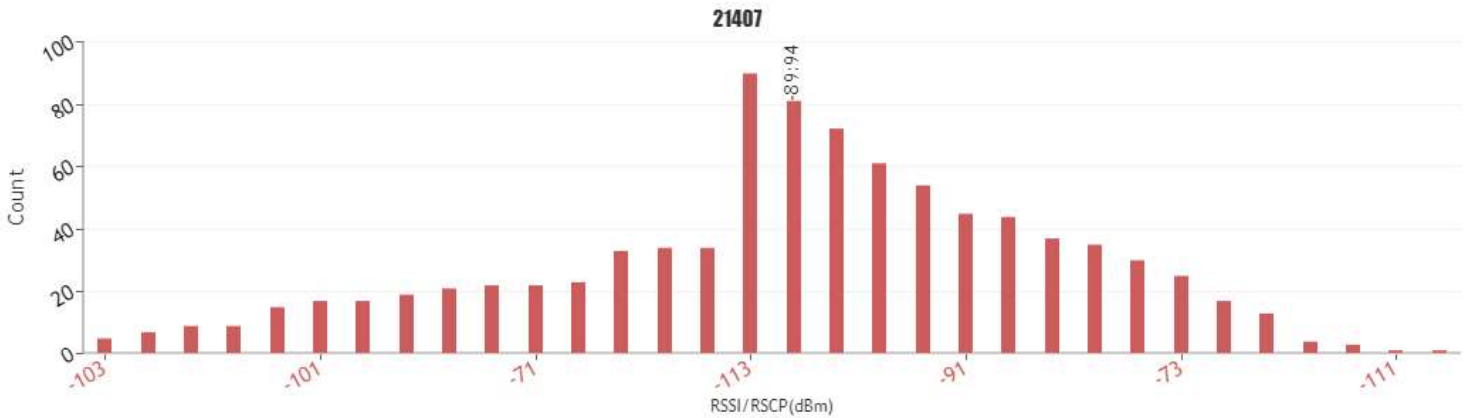
MOVISTAR SERVEI DE VEU, MAPA DE NIVELL DE SENYAL, GRANYENA DE LES GARRIGUES



RSSI KPI statistics per mobile operator for 21407\_Movistar

Operators	21407
>= -89dBm	69.8795 % (count : 638)
B/w -99dBm to -90dBm	16.8675 % (count : 154)
B/w -112dBm to -100dBm	3.3954 % (count : 31)
<= -113dBm	9.8576 % (count : 90)
Total Geo samples	913

RSSI distribution chart per mobile operator for 21407\_Movistar



# RantCell User QoE test report



OperatorName	21407_Movistar
Test phone Model/Models	Samsung SM-A226B
Report Generation Time	Mar 21, 2022 9:03:53 AM
Test StartTime	Mar 16, 2022 11:20:46 AM
Test EndTime	Mar 16, 2022 11:39:19 AM
Download Speed Test	Yes



## Download speed test report

Download speed test view for 21407\_Movistar



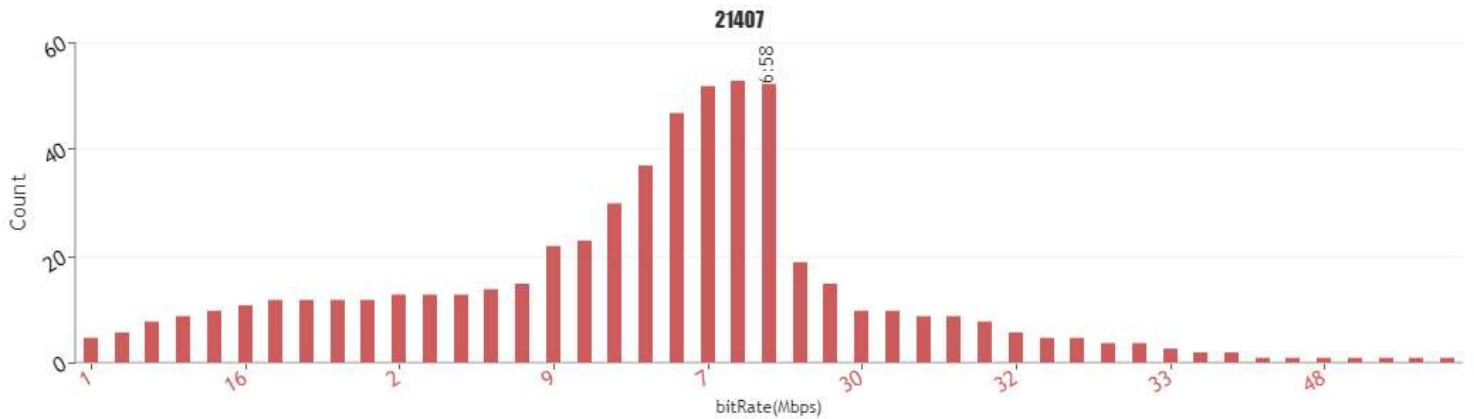
MOVISTAR SERVEI DE DADES, MAPA DE VELOCITATS DE DESCÀRREGA, GRANYENA DE LES GARRIGUES



Download test KPI statistics per mobile operator for 21407\_Movistar

Operators	21407
above 1.2Mbps	99.5041 % (count : 602)
0.4Mbps - 1.2Mbps	0.4959 % (count : 3)
0Mbps - 0.4Mbps	0 % (count : 0)
Average (mbps)	12.97
Peak Speed (mbps)	67.98
Lowest Recorded (mbps)	0.95
Total Geo samples	605

Download test distribution chart per mobile operators for 21407\_Movistar



# User perceived mobile network coverage during tests

mobile network coverage during tests for operators 21407\_Movistar



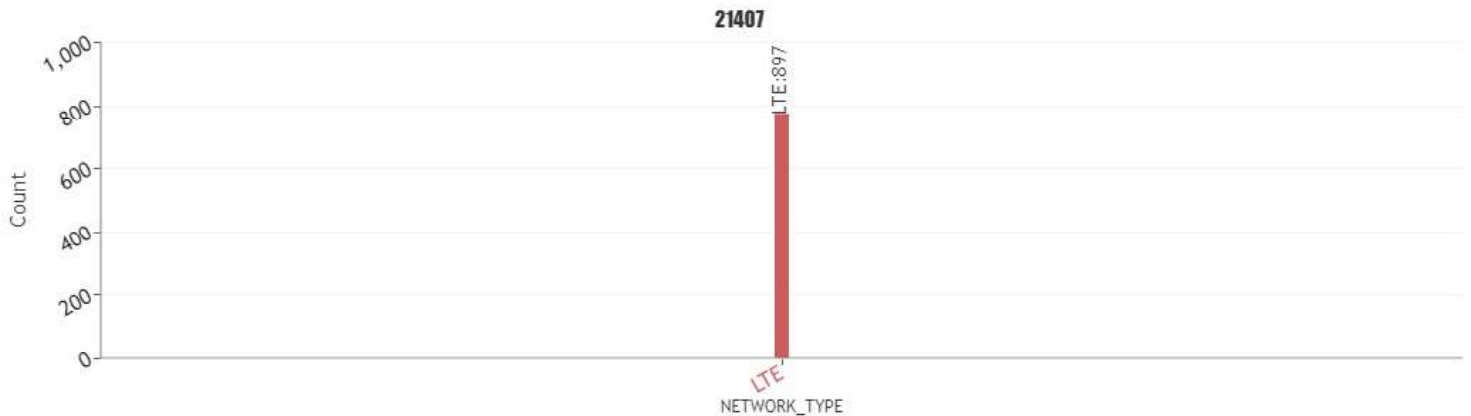
MOVISTAR SERVEI DE DADES, ACCÉS A XARXES DE L'OPERADOR, GRANYENA DE LES GARRIGUES



## RAN technology statistics per mobile network operator for 21407\_Movistar

Network Type	21407
5G	0.0000%
4G	100.0000%
3G	0.0000%
2G	0.0000%
CDMA	0.0000%
NONNETWORK	0.0000%
Total Geo samples	897

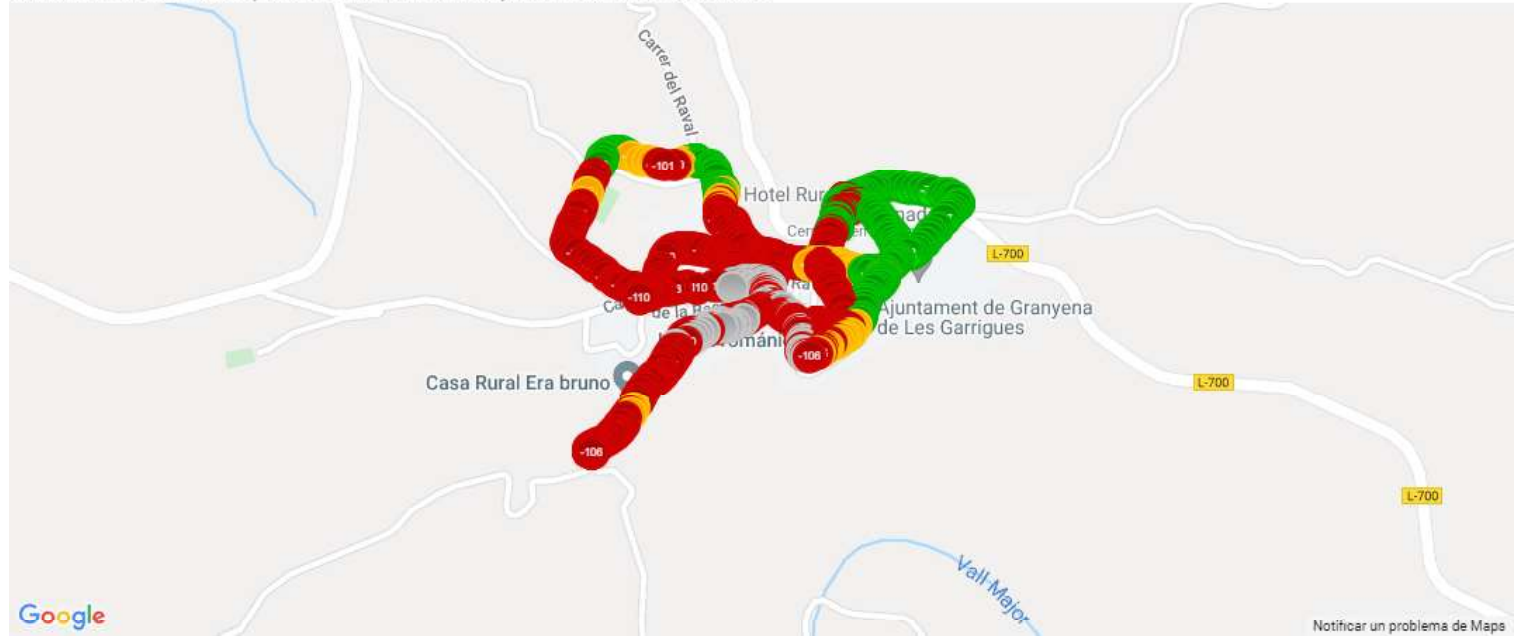
## RAN technology distribution chart per mobile network operator for 21407\_Movistar



## RSRP view

RSRP KPI statistics per mobile operator for operator 21407\_Movistar

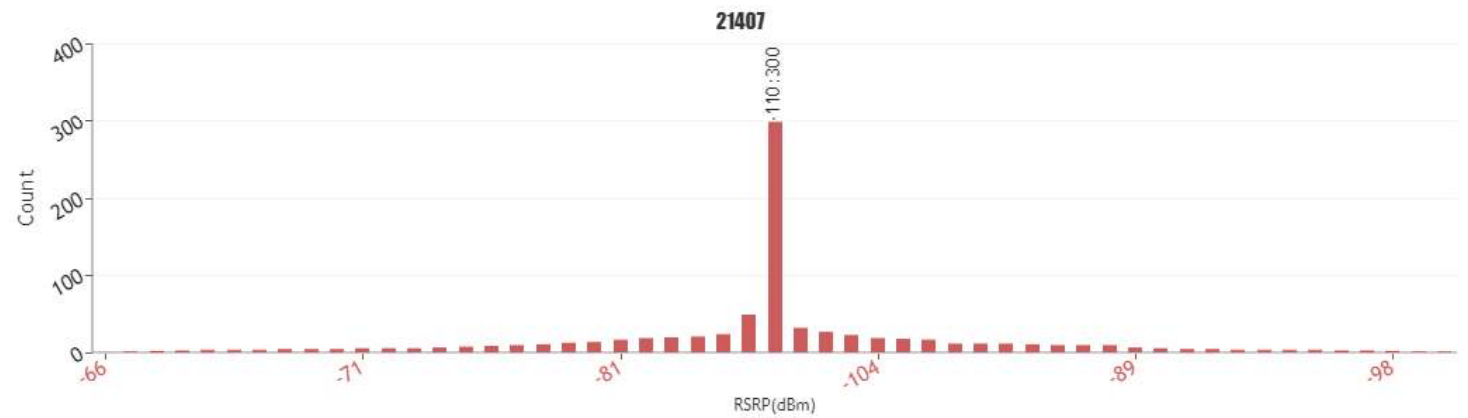
MOVISTAR SERVEI DE DADES, MAPA DE NIVELL DE SENYAL, GRANYENA DE LES GARRIGUES



RSRP KPI statistics per mobile operator for 21407\_Movistar

Operators	21407
<b>&gt;= to -89dBm</b>	22.6607 % (count : 201)
<b>B/w -99dBm to -90dBm</b>	7.5536 % (count : 67)
<b>B/w -112dBm to -100dBm</b>	62.0068 % (count : 550)
<b>&lt;= -113dBm</b>	7.7790 % (count : 69)
Total Geo samples	887

RSRP distribution chart per mobile operator for 21407\_Movistar



# RantCell User QoE test report



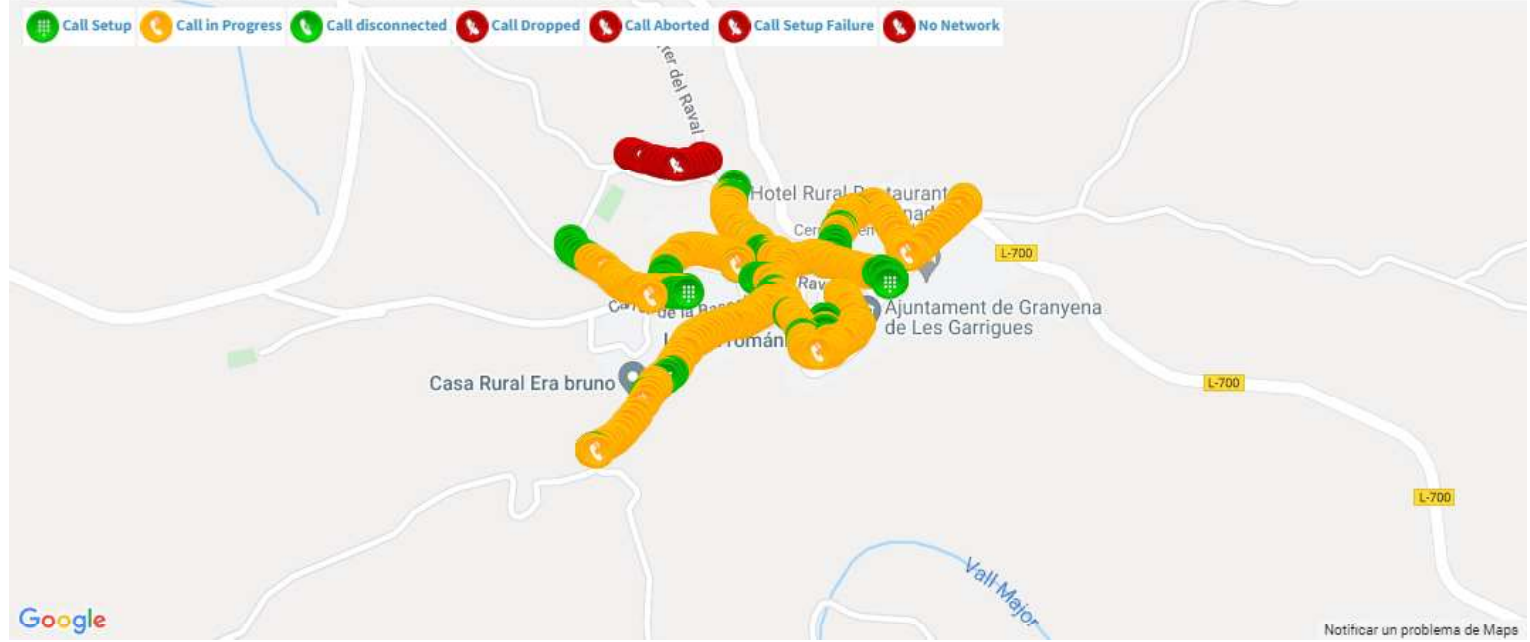
OperatorName	21401_vodafone ES
Test phone Model/Models	Samsung SM-A226B
Report Generation Time	Mar 21, 2022 9:17:25 AM
Test StartTime	Mar 16, 2022 11:19:53 AM
Test EndTime	Mar 16, 2022 11:39:12 AM
Voice Call Test	Yes

## Voice call test report



Call test view of mobile operators for 21401\_vodafone ES

### VODAFONE SERVEI DE VEU, MAPA DE TRUCADES, GRANYENA DE LES GARRIGUES



Call test KPI statistics per mobile operator for 21401\_vodafone ES

Operators	21401
Total Calls Success	17
Total Calls Attempted	19
Total Calls Failed	2
Dropped Calls	1
Aborted Calls	0
CallSetup Failed	1
No Network	0
Attempted Voice call on 2G	0
Attempted Voice call on 3G	17
Successful CSFB call to 2G	2

# User perceived mobile network coverage during tests

mobile network coverage during tests for operators 21401\_vodafone ES



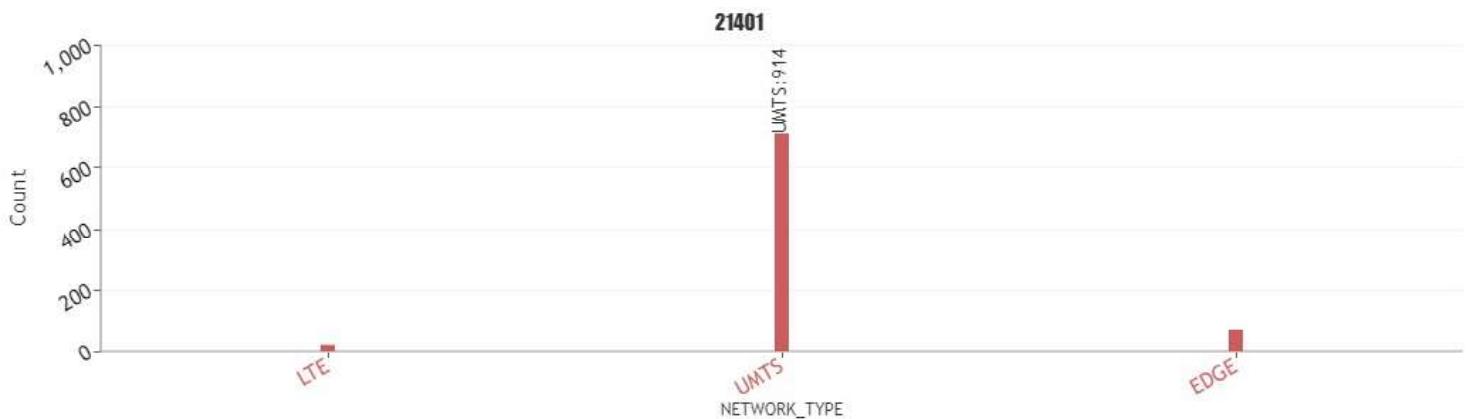
VODAFONE SERVEI DE VEU, ACCÉS A XARXES DE L'OPERADOR, GRANYENA DE LES GARRIGUES



## RAN technology statistics per mobile network operator for 21401\_vodafone ES

Network Type	21401
5G	0.0000%
4G	2.2795%
3G	90.5847%
2G	7.1358%
CDMA	0.0000%
NONNETWORK	0.0000%
Total Geo samples	1009

## RAN technology distribution chart per mobile network operator for 21401\_vodafone ES



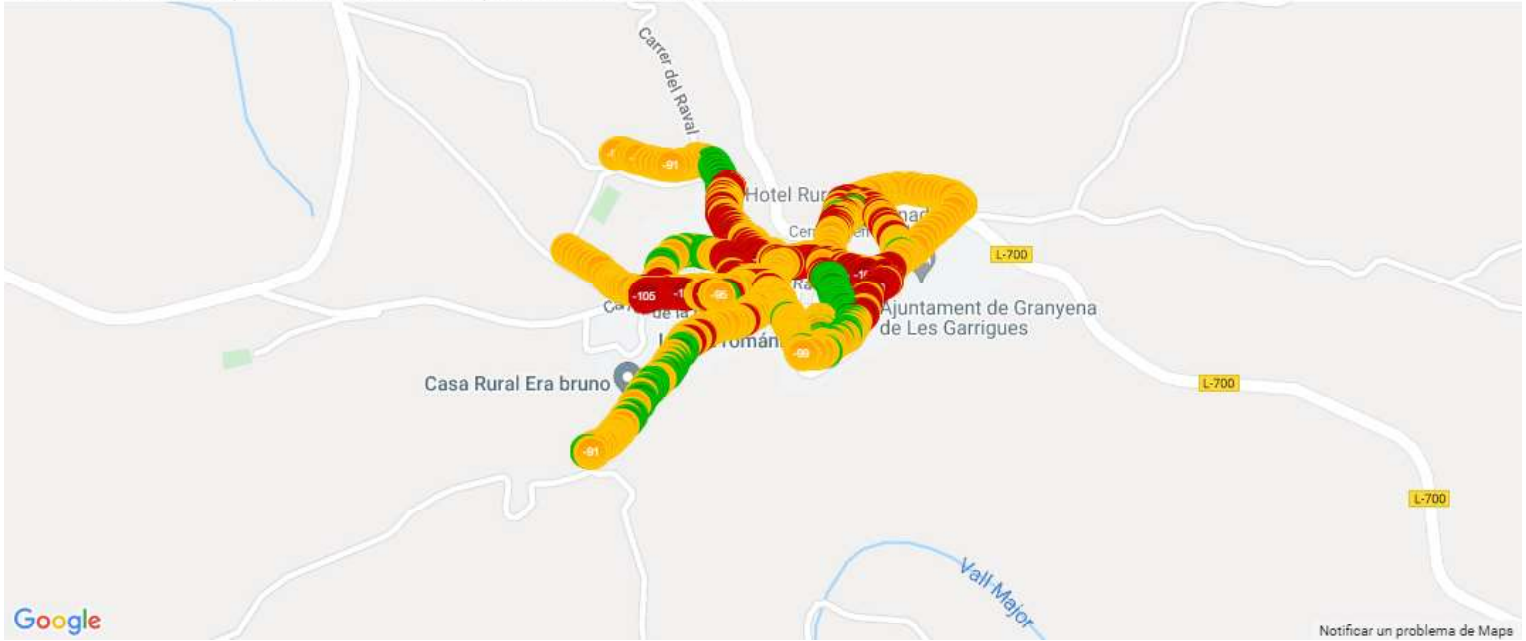


# RSSI view



RSSI KPI statistics per mobile operator for operator 21401\_vodafone ES

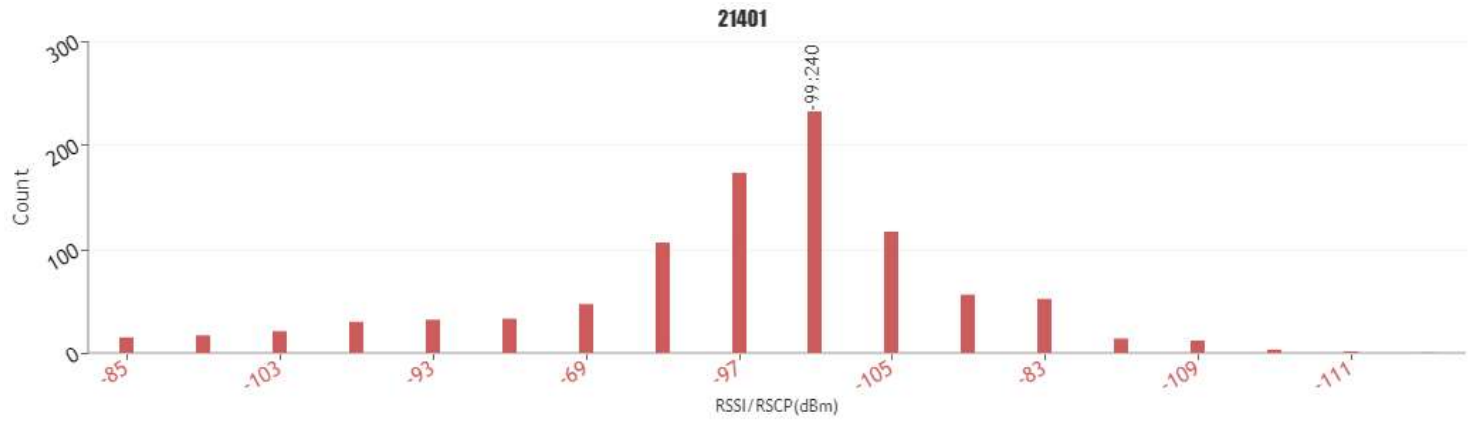
VODAFONE SERVEI DE VEU, MAPA DE NIVELL DE SENYAL, GRANYENA DE LES GARRIGUES



RSSI KPI statistics per mobile operator for 21401\_vodafone ES

Operators	21401
>= -89dBm	15.7201 % (count : 155)
B/w -99dBm to -90dBm	59.6349 % (count : 588)
B/w -112dBm to -100dBm	24.6450 % (count : 243)
<= -113dBm	0 % (count : 0)
Total Geo samples	986

RSSI distribution chart per mobile operator for 21401\_vodafone ES





# RantCell User QoE test report



OperatorName	21401_vodafone ES
Test phone Model/Models	Samsung SM-A226B
Report Generation Time	Mar 30, 2022 11:01:17 AM
Test StartTime	Mar 18, 2022 1:16:00 PM
Test EndTime	Mar 18, 2022 1:36:17 PM
Download Speed Test	Yes

## Download speed test report

Download speed test view for 21401\_vodafone ES



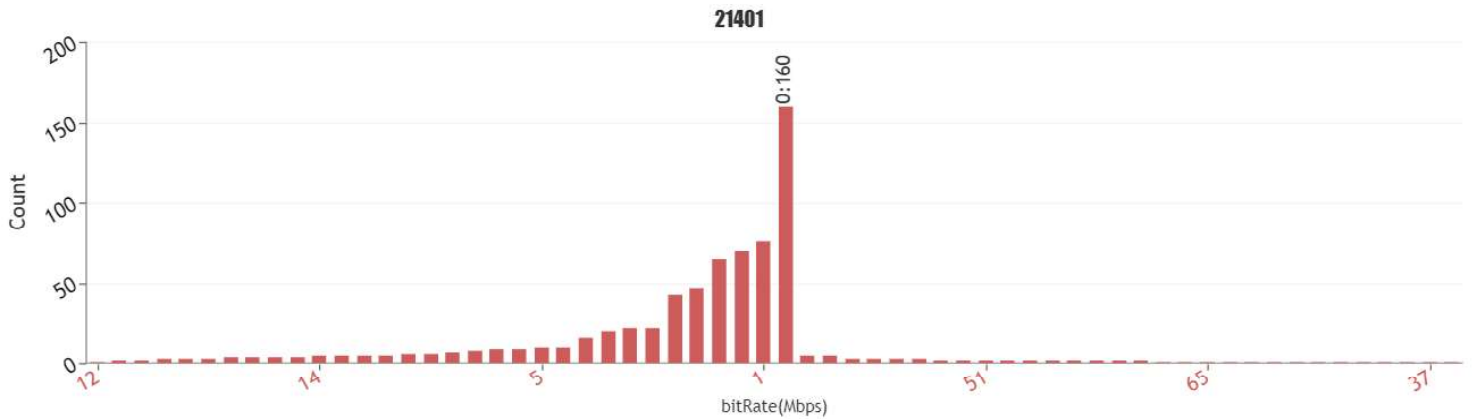
### VODAFONE SERVEI DE DADES, MAPA DE VELOCITATS DE DESCÀRREGA, GRANYENA DE LES GARRIGUES



### Download test KPI statistics per mobile operator for 21401\_vodafone ES

Operators	21401
above 1.2Mbps	69.9438 % (count : 498)
0.4Mbps - 1.2Mbps	8.5674 % (count : 61)
0Mbps - 0.4Mbps	21.4888 % (count : 153)
Average (mbps)	9.67
Peak Speed (mbps)	71.86
Lowest Recorded (mbps)	0
Total Geo samples	712

### Download test distribution chart per mobile operators for 21401\_vodafone ES



## User perceived mobile network coverage during tests



mobile network coverage during tests for operators 21401\_vodafone ES



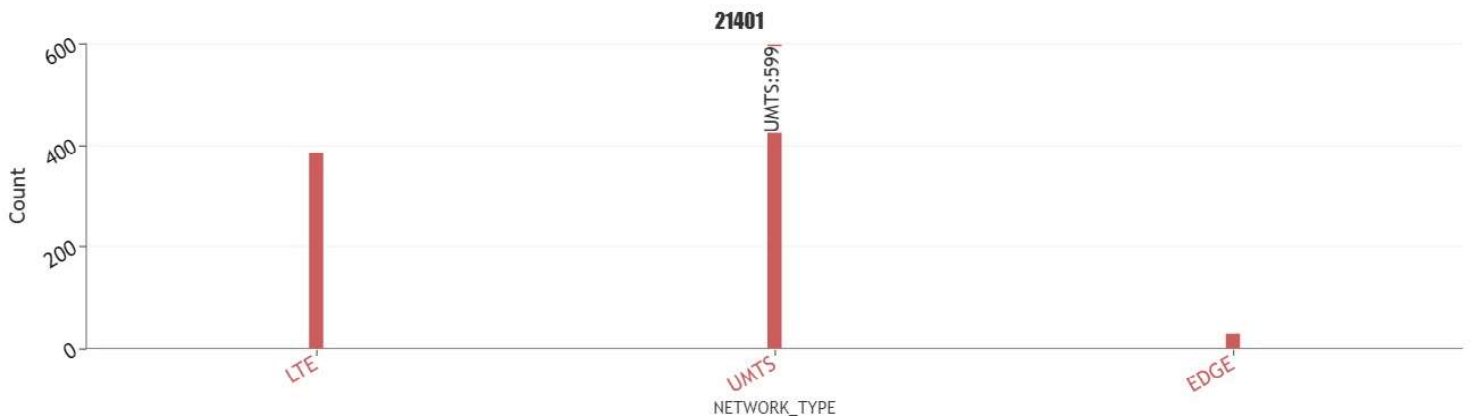
VODAFONE SERVEI DE DADES, ACCÉS A XARXES DE L'OPERADOR, GRANYENA DE LES GARRIGUES



RAN technology statistics per mobile network operator for 21401\_vodafone ES

Network Type	21401
5G	0.0000%
4G	37.9684%
3G	59.0730%
2G	2.9586%
CDMA	0.0000%
NONNETWORK	0.0000%
Total Geo samples	1014

RAN technology distribution chart per mobile network operator for 21401\_vodafone ES



## RSRP view

RSRP KPI statistics per mobile operator for operator 21401\_vodafone ES

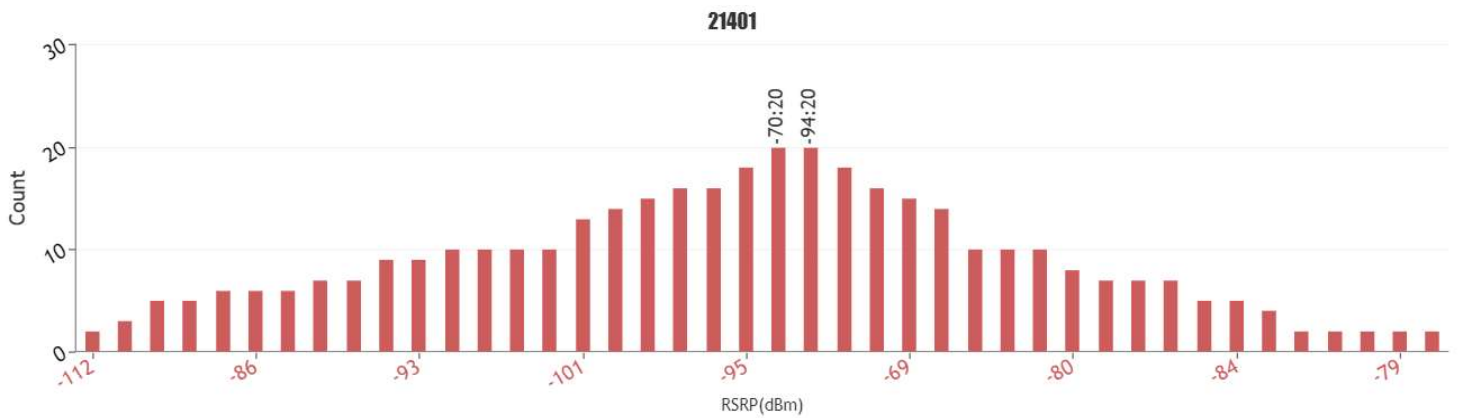
VODAFONE SERVEI DE DADES, MAPA DE NIVELL DE SENYAL 4G, GRANYENA DE LES GARRIGUES



RSRP KPI statistics per mobile operator for 21401\_vodafone ES

Operators	21401
<b>&gt;= to -89dBm</b>	47.2585 % (count : 181)
<b>B/w -99dBm to -90dBm</b>	30.5483 % (count : 117)
<b>B/w -112dBm to -100dBm</b>	22.1932 % (count : 85)
<b>&lt;= -113dBm</b>	0 % (count : 0)
Total Geo samples	383

RSRP distribution chart per mobile operator for 21401\_vodafone ES



# RSSI view



RSSI KPI statistics per mobile operator for operator 21401\_vodafone ES

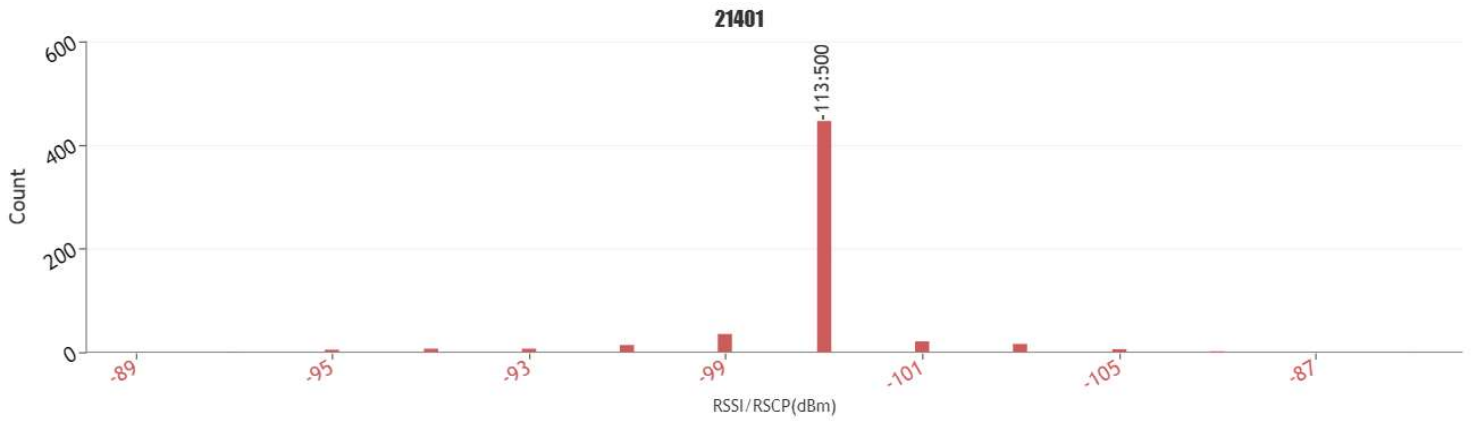
VODAFONE SERVEI DE DADES, MAPA DE NIVELL DE SENYAL 2G/3G, GRANYENA DE LES GARRIGUES



RSSI KPI statistics per mobile operator for 21401\_vodafone ES

Operators	21401
<b>&gt;= -89dBm</b>	0.6380 % (count : 4)
<b>B/w -99dBm to -90dBm</b>	11.9617 % (count : 75)
<b>B/w -112dBm to -100dBm</b>	7.6555 % (count : 48)
<b>&lt;= -113dBm</b>	79.7448 % (count : 500)
Total Geo samples	627

RSSI distribution chart per mobile operator for 21401\_vodafone ES



# RantCell User QoE test report

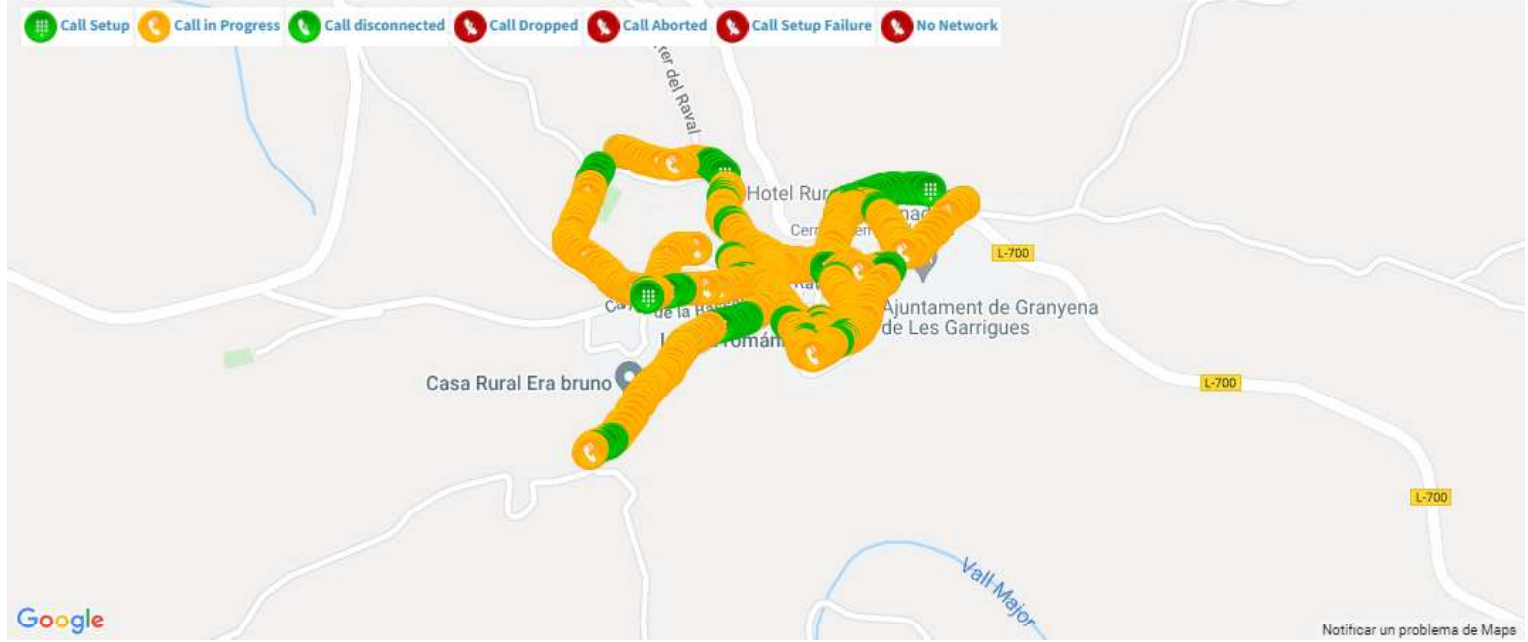


OperatorName	21403_Orange
Test phone Model/Models	Samsung SM-A226B
Report Generation Time	Mar 21, 2022 9:08:55 AM
Test StartTime	Mar 16, 2022 11:20:04 AM
Test EndTime	Mar 16, 2022 11:39:11 AM
Voice Call Test	Yes

## Voice call test report

Call test view of mobile operators for 21403\_Orange

### ORANGE SERVEI DE VEU, MAPA DE TRUCADES, GRANYENA DE LES GARRIGUES



Call test KPI statistics per mobile operator for 21403\_Orange

Operators	21403
Total Calls Success	22
Total Calls Attempted	23
Total Calls Failed	1
Dropped Calls	0
Aborted Calls	0
CallSetup Failed	1
No Network <a href="#">?</a>	0
Attempted Voice call on 2G <a href="#">?</a>	0
Attempted Voice call on 3G <a href="#">?</a>	0
Successful CSFB call to 2G <a href="#">?</a>	6
Successful CSFB call to 3G <a href="#">?</a>	16
Not Determined(Voice CallType) <a href="#">?</a>	1



# User perceived mobile network coverage during tests

mobile network coverage during tests for operators 21403\_Orange



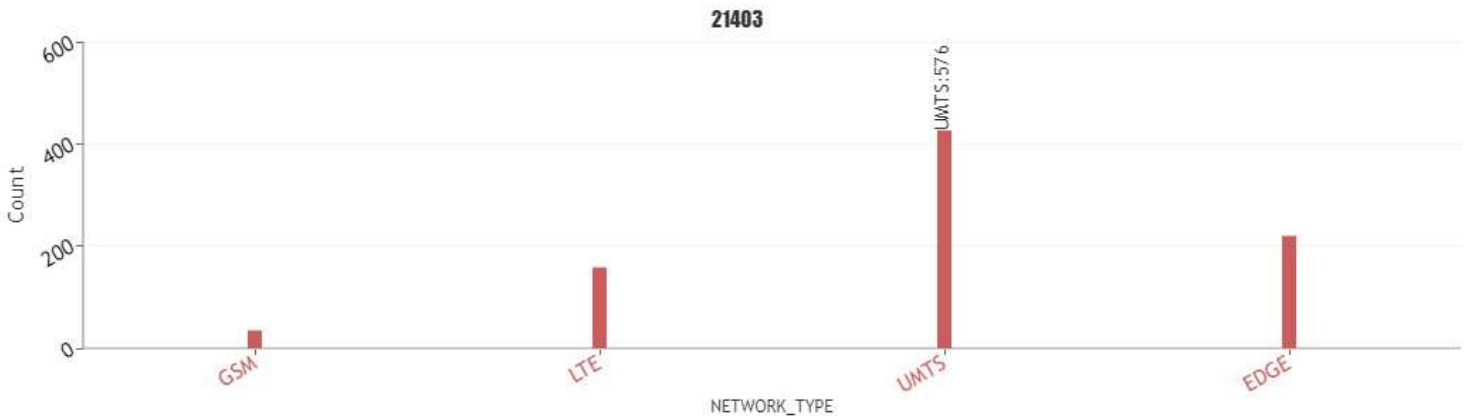
ORANGE SERVEI DE VEU, ACCÉS A XARXES DE L'OPERADOR, GRANYENA DE LES GARRIGUES



## RAN technology statistics per mobile network operator for 21403\_Orange

Network Type	21403
5G	0.0000%
4G	15.9757%
3G	58.2406%
2G	25.7836%
CDMA	0.0000%
NONNETWORK	0.0000%
Total Geo samples	989

## RAN technology distribution chart per mobile network operator for 21403\_Orange

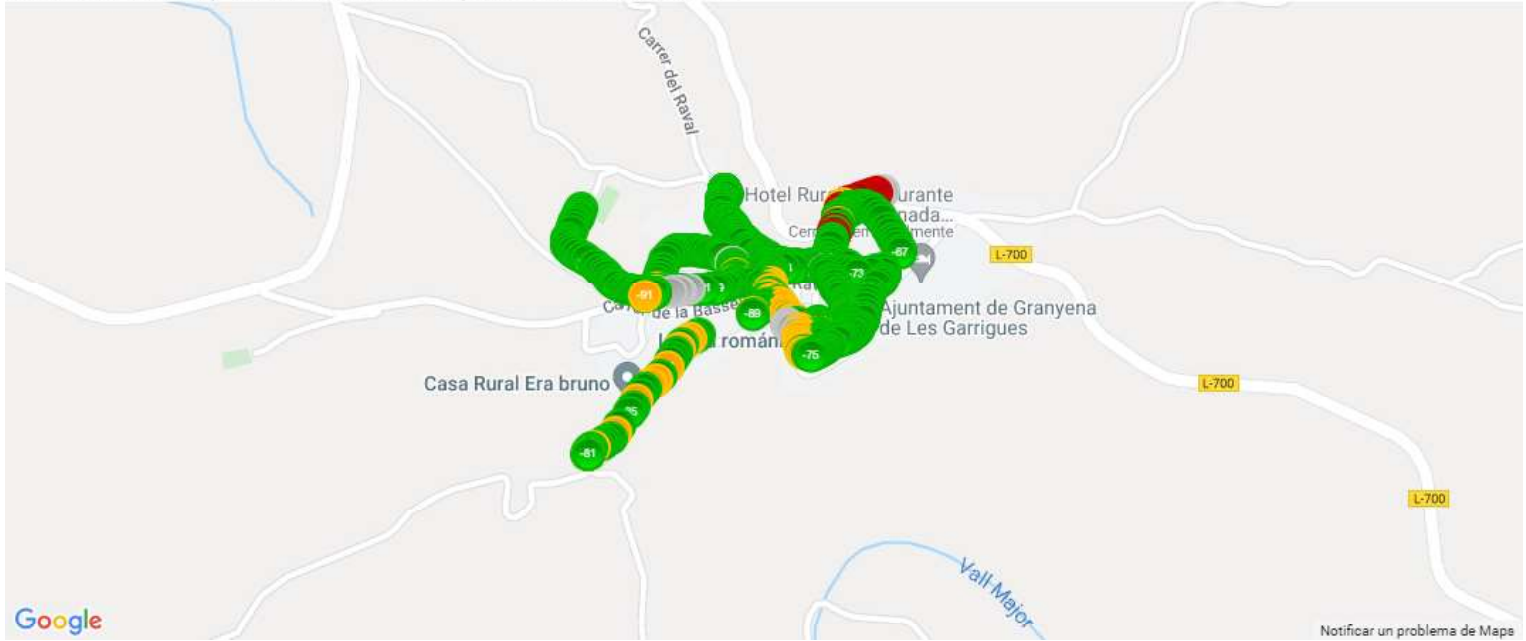


# RSSI view



RSSI KPI statistics per mobile operator for operator 21403\_Orange

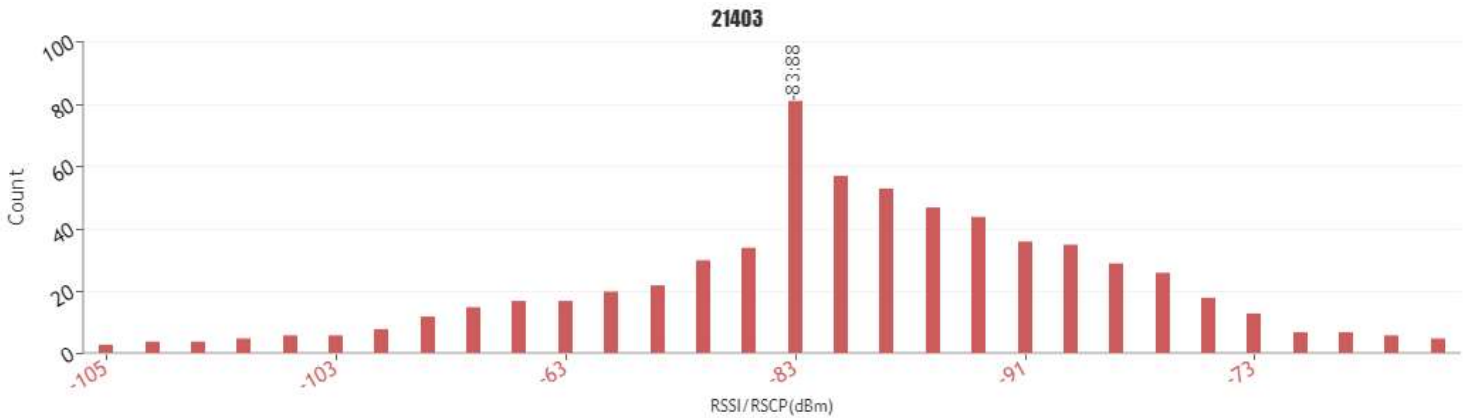
ORANGE SERVEI DE VEU, MAPA DE NIVELL DE SENYAL, GRANYENA DE LES GARRIGUES



RSSI KPI statistics per mobile operator for 21403\_Orange

Operators	21403
>= -89dBm	83.5312 % (count : 563)
B/w -99dBm to -90dBm	9.9407 % (count : 67)
B/w -112dBm to -100dBm	3.2641 % (count : 22)
<= -113dBm	3.2641 % (count : 22)
Total Geo samples	674

RSSI distribution chart per mobile operator for 21403\_Orange



# RantCell User QoE test report



OperatorName	21403_Orange
Test phone Model/Models	Samsung SM-A226B
Report Generation Time	Mar 21, 2022 9:13:15 AM
Test StartTime	Mar 16, 2022 11:20:36 AM
Test EndTime	Mar 16, 2022 11:39:17 AM
Download Speed Test	Yes

# Download speed test report

Download speed test view for 21403\_Orange



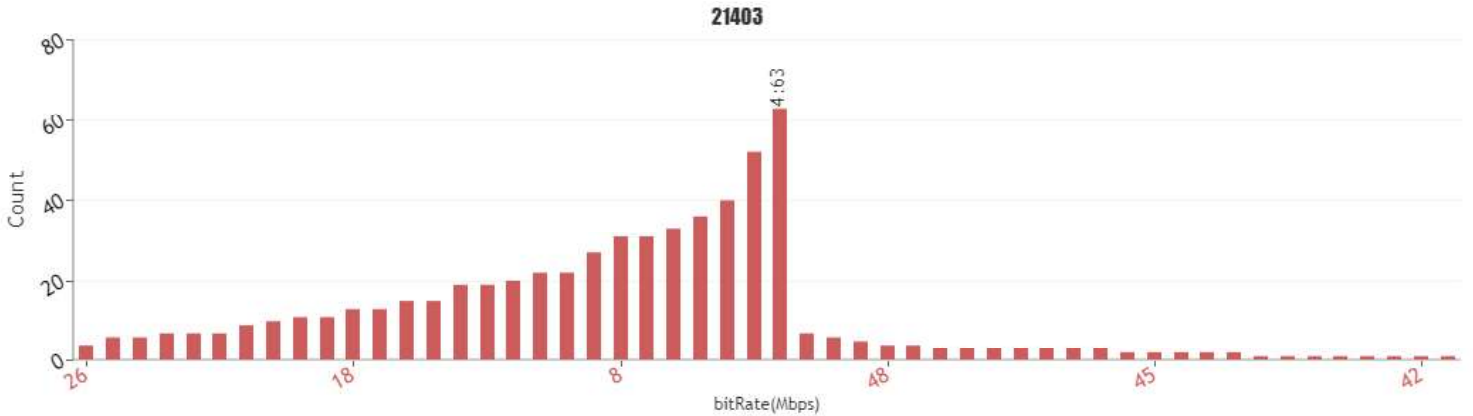
ORANGE SERVEI DE DADES, MAPA DE VELOCITATS DE DESCÀRREGA, GRANYENA DE LES GARRIGUES



## Download test KPI statistics per mobile operator for 21403\_Orange

Operators	21403
above 1.2Mbps	99.1857 % (count : 609)
0.4Mbps - 1.2Mbps	0.8143 % (count : 5)
0Mbps - 0.4Mbps	0 % (count : 0)
Average (mbps)	12.84
Peak Speed (mbps)	62.69
Lowest Recorded (mbps)	0.84
Total Geo samples	614

## Download test distribution chart per mobile operators for 21403\_Orange

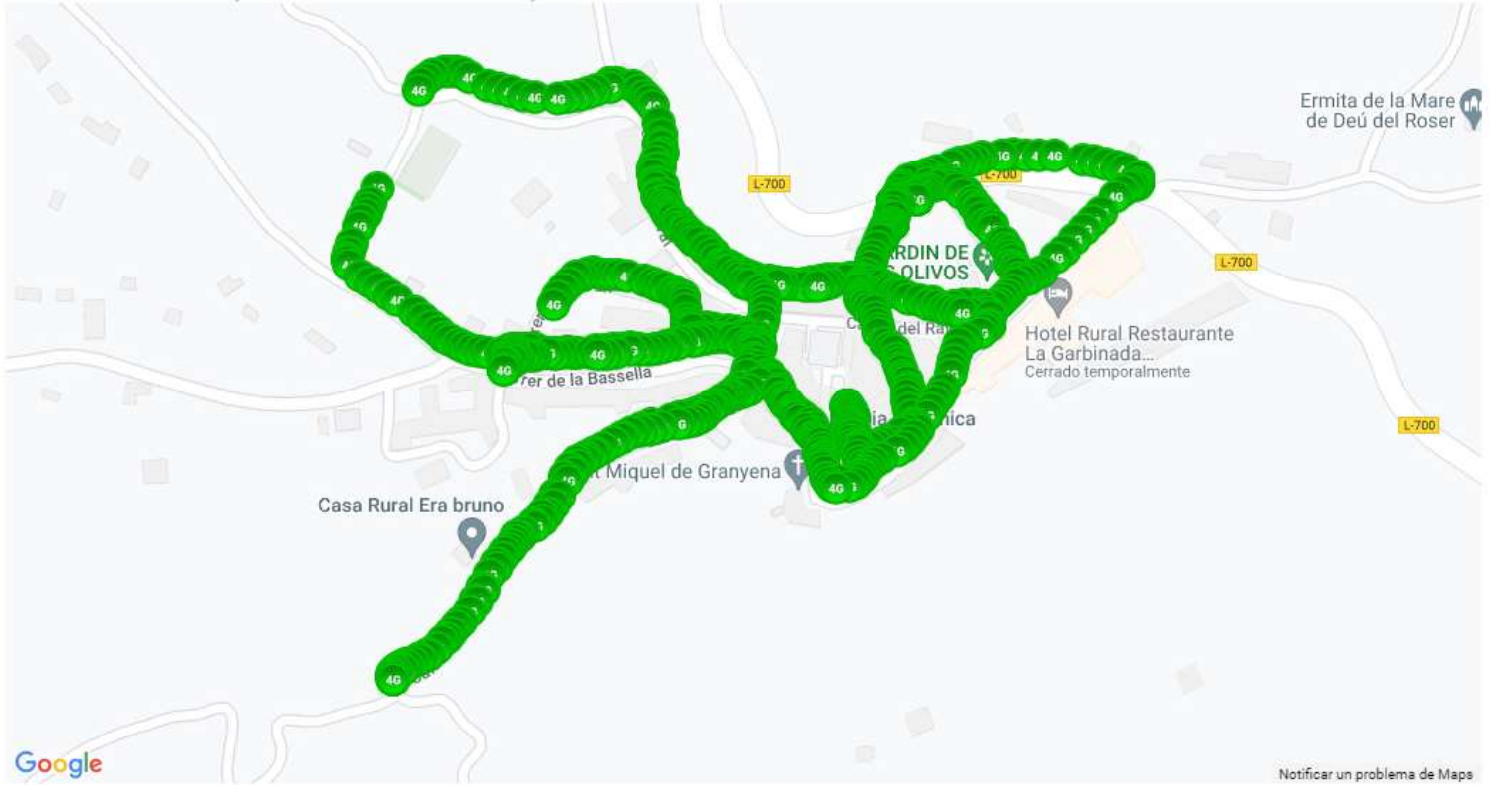


# User perceived mobile network coverage during tests

mobile network coverage during tests for operators 21403\_Orange



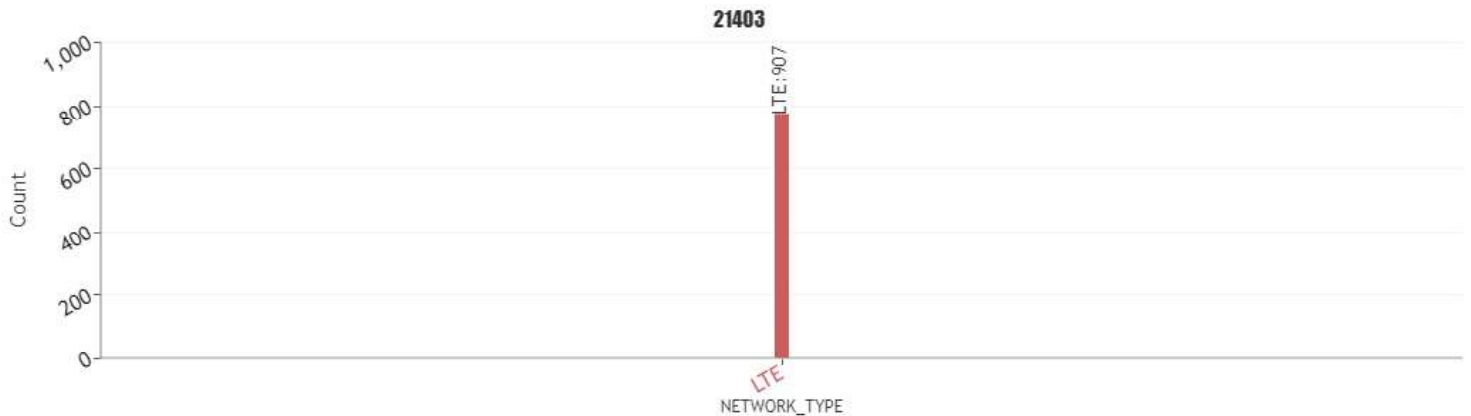
ORANGE SERVEI DE DADES, ACCÉS A XARXES DE L'OPERADOR, GRANYENA DE LES GARRIGUES



## RAN technology statistics per mobile network operator for 21403\_Orange

Network Type	21403
5G	0.0000%
4G	100.0000%
3G	0.0000%
2G	0.0000%
CDMA	0.0000%
NONNETWORK	0.0000%
Total Geo samples	907

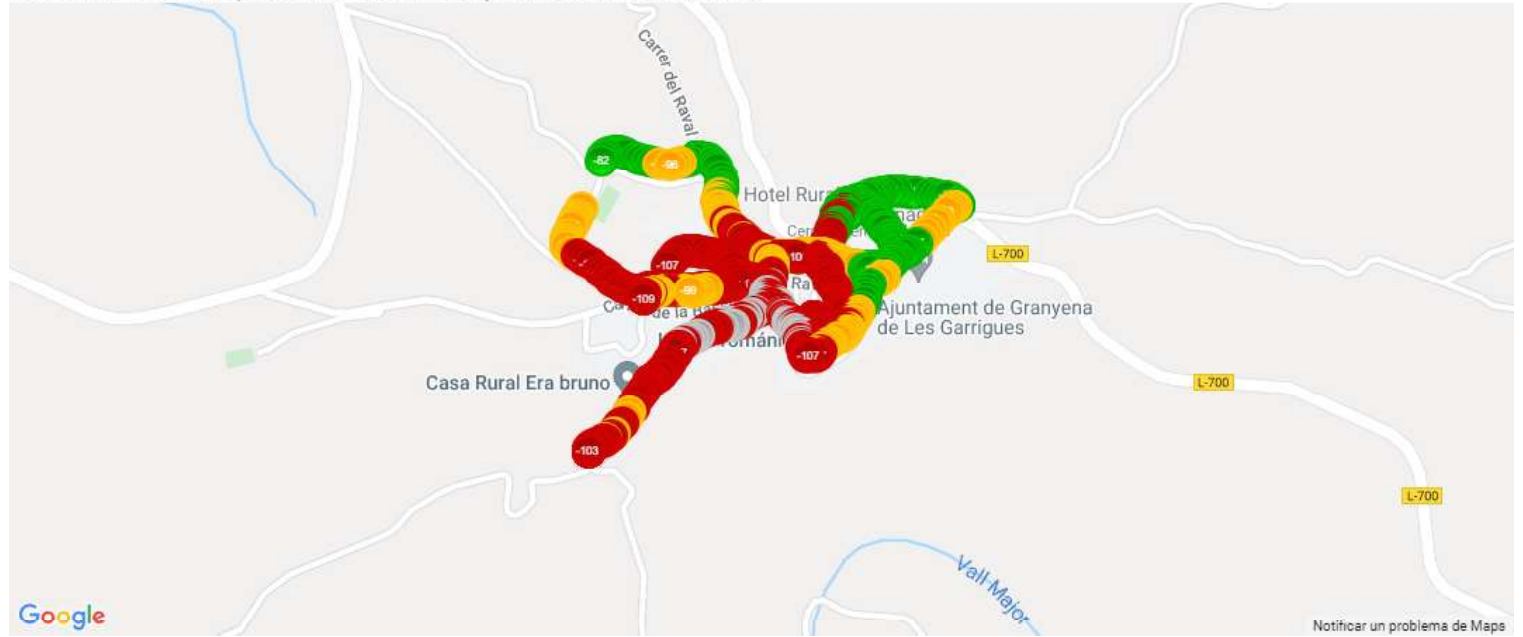
## RAN technology distribution chart per mobile network operator for 21403\_Orange



## RSRP view

RSRP KPI statistics per mobile operator for operator 21403\_Orange

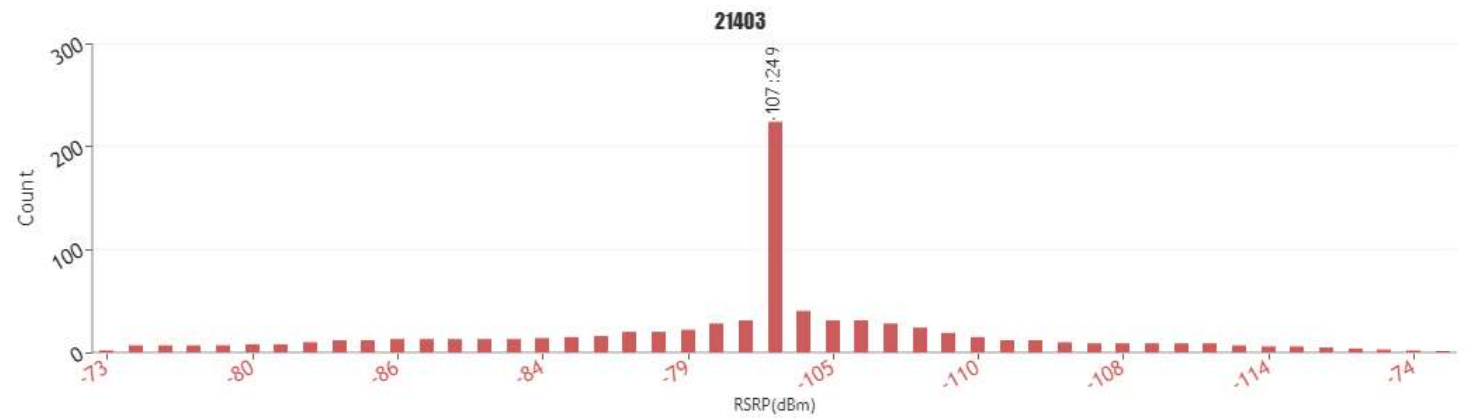
ORANGE SERVEI DE DADES, MAPA DE NIVELL DE SENYAL, GRANYENA DE LES GARRIGUES



RSRP KPI statistics per mobile operator for 21403\_Orange

Operators	21403
<b>&gt;= to -89dBm</b>	24.0353 % (count : 218)
<b>B/w -99dBm to -90dBm</b>	16.8688 % (count : 153)
<b>B/w -112dBm to -100dBm</b>	52.7012 % (count : 478)
<b>&lt;= -113dBm</b>	6.3947 % (count : 58)
Total Geo samples	907

RSRP distribution chart per mobile operator for 21403\_Orange





## JUNCOSA: RESUM MESURES

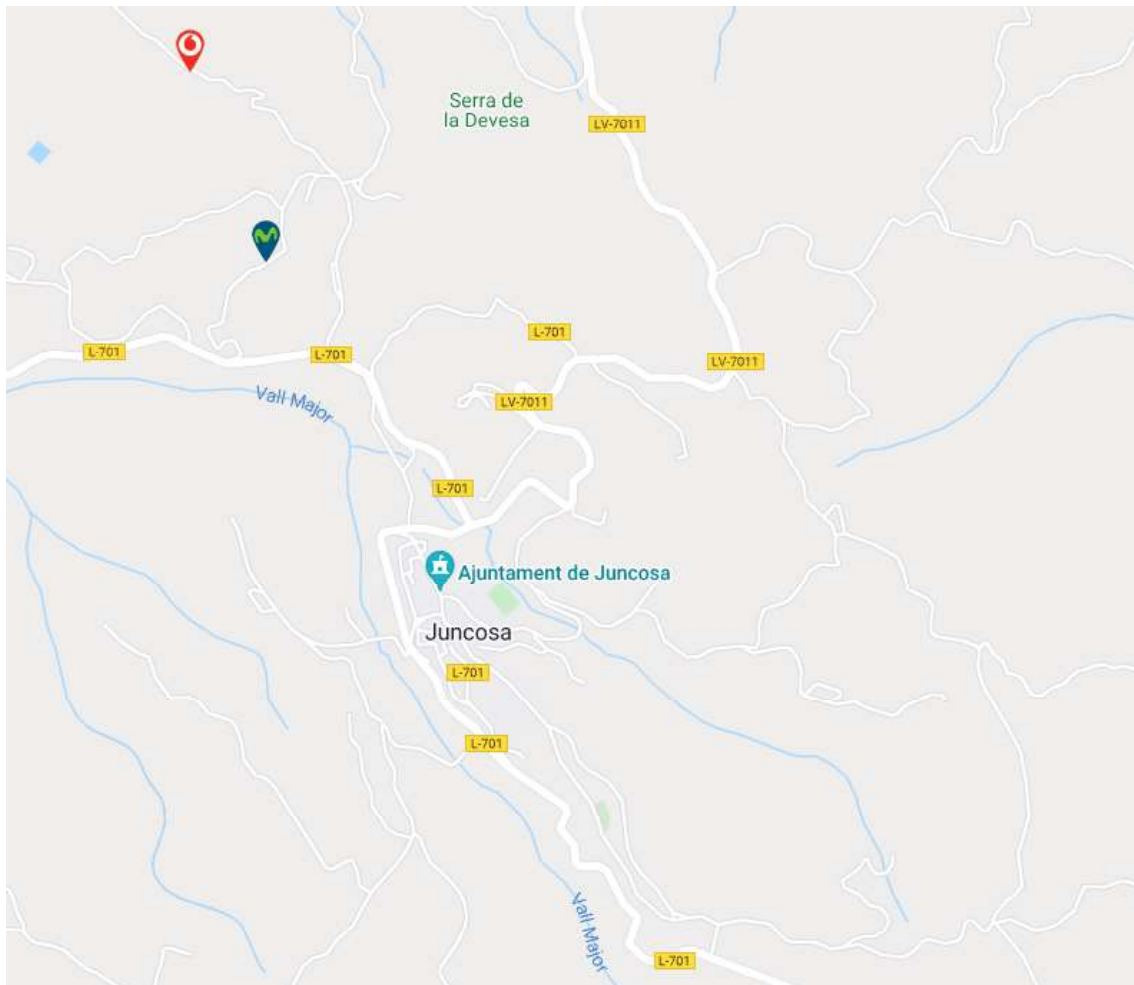
OPERADOR	SERVEI DE VEU	SERVEI DE DADES
MOVISTAR	CORRECTE (3G)	CORRECTE (4G)
VODAFONE	CORRECTE (3G)	CORRECTE (3G)
ORANGE	DEFICIENT 20% (2G/3G)	DEFICIENT 20% (2G/3G/4G)

Comentaris:

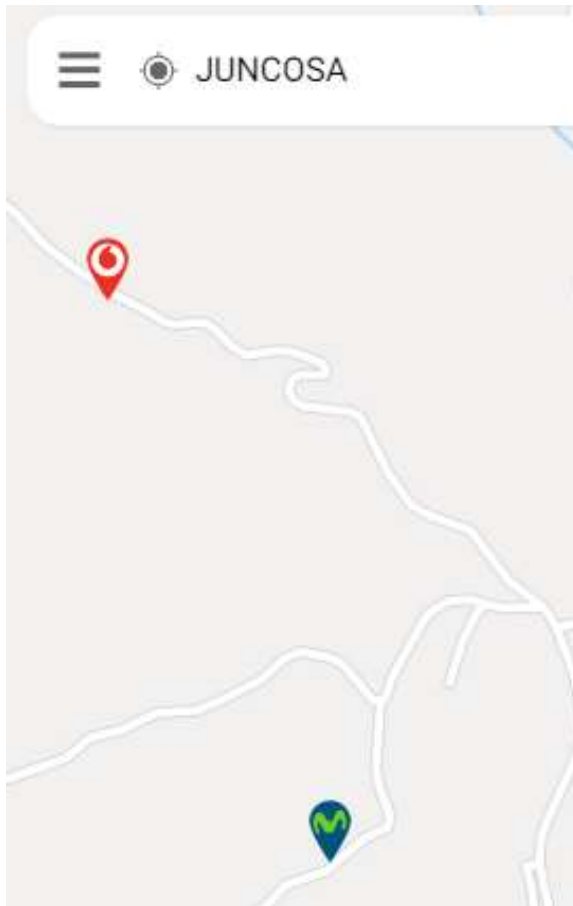
No es troben deficiències significatives de servei de veu o dades dels operadors Movistar i Vodafone. Orange té una cobertura de veu i dades deficient al 80% del poble (segons cobertura i consistència del senyal i descàrregues, percentatge de trucades fallades i percentatge de velocitats inferiors a 1,2 Mbps).

Disposaran de fibra de Adamo.

Servei de Movistar i Vodafone al nord-oest del municipi. Servei de Orange provinent de municipis propers.







**VODAFONE ESPAÑA, S.A.**

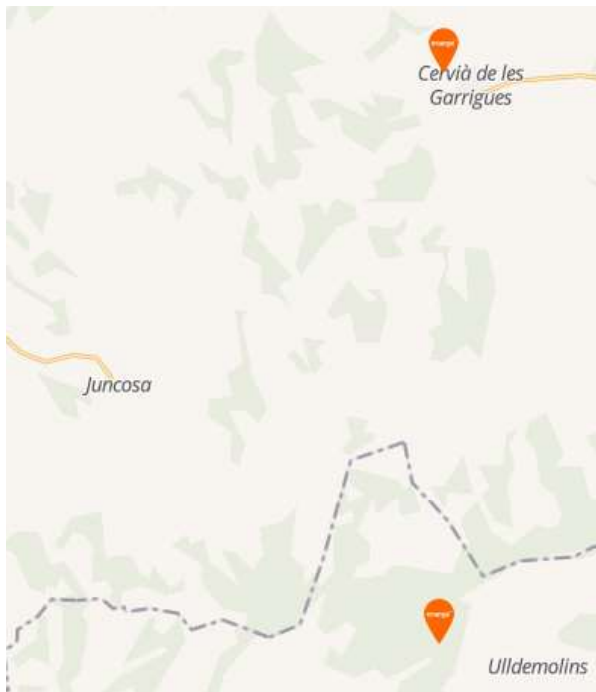
Estación: 102819  
 Dirección: VP POLIGONO 1 , PARCELA 174.  
 JUNCOSA, LLEIDA  
 Posición: 41.383319 lat / 0.767778 lng  
 Elevación: **Sólo PRO**

ID	BANDA	MODOS*
1	949.90 - 959.90	2G 3G
1	949.90 - 959.90	2G 3G

**TELEFONICA MOVILES ESPAÑA, S.A.U.**

Estación: 2500248  
 Dirección: ZN Polígono 1 Parcela 134.  
 JUNCOSA, LLEIDA  
 Posición: 41.379033 lat / 0.77005 lng  
 Elevación: **Sólo PRO**

ID	BANDA	MODOS*
1	852.00 - 862.00	4G
1	935.10 - 949.90	2G
1	935.10 - 949.90	2G



**ORANGE ESPAGNE, S.A.U.**

Estación: CATR5667A  
 Dirección: MT POLÍGONO 6 PARCELA 128. CERVIÀ  
 DE LES GARRIGUES, LLEIDA  
 Posición: 41.431119 lat / 0.854067 lng  
 Elevación: **Sólo PRO**

ID	BANDA	MODOS*
1	832.00 - 842.00	4G
1	925.10 - 935.10	2G 3G
1	925.10 - 935.10	2G 3G

**ORANGE ESPAGNE, S.A.U.**

Estación: CATR7843A  
 Dirección: VP POLÍGONO 16 PARCELA 95, S/N.  
 ULLDEMOLINS, TARRAGONA  
 Posición: 41.330036 lat / 0.852997 lng  
 Elevación: **Sólo PRO**

ID	BANDA	MODOS*
1	925.10 - 935.10	2G 3G
1	925.10 - 935.10	2G 3G

# RantCell User QoE test report

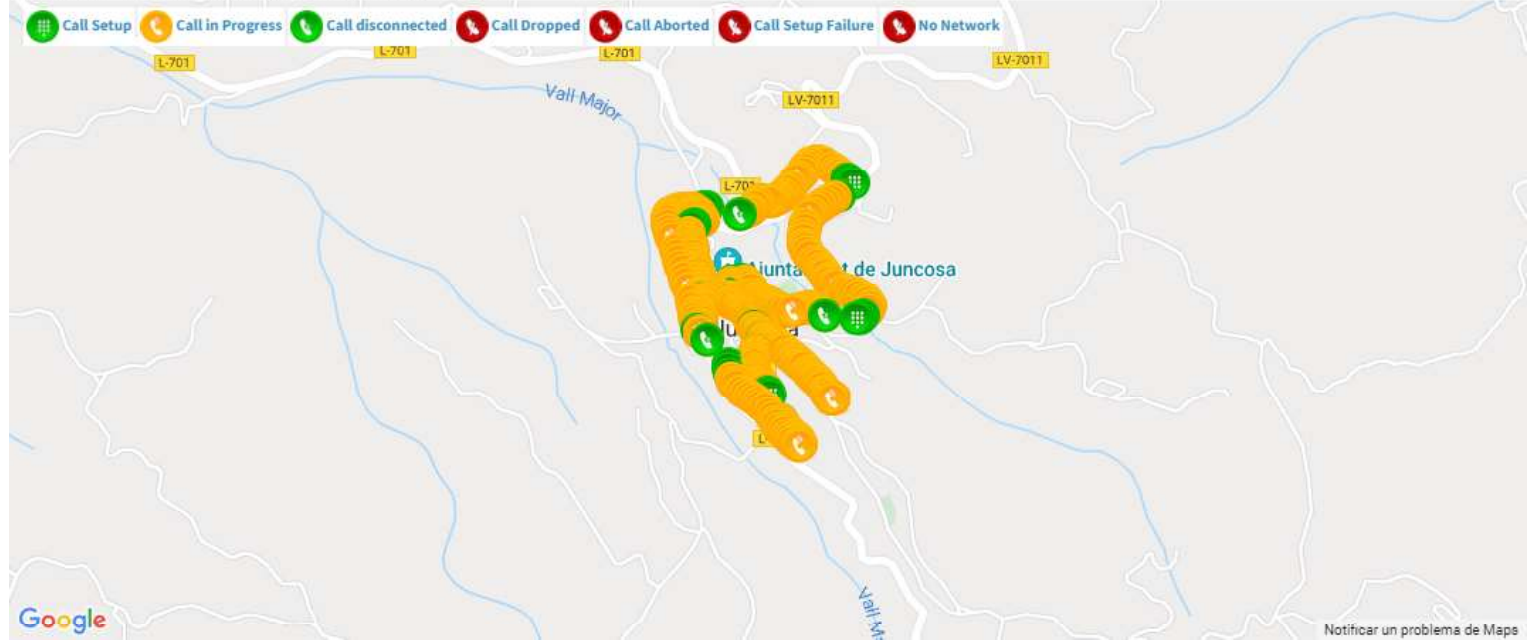


OperatorName	21407_Movistar
Test phone Model/Models	Samsung SM-A226B
Report Generation Time	Mar 23, 2022 8:15:42 AM
Test StartTime	Mar 16, 2022 3:34:11 PM
Test EndTime	Mar 16, 2022 3:46:14 PM
Voice Call Test	Yes

## Voice call test report

Call test view of mobile operators for 21407\_Movistar

### MOVISTAR SERVEI DE VEU, MAPA DE TRUCADES, JUNCOSA



Call test KPI statistics per mobile operator for 21407\_Movistar

Operators	21407
Total Calls Success	15
Total Calls Attempted	16
Total Calls Failed	1
Dropped Calls	1
Aborted Calls	0
CallSetup Failed	0
No Network	0
Attempted Voice call on 2G	0
Attempted Voice call on 3G	4
Successful CSFB call to 3G	11

# User perceived mobile network coverage during tests



mobile network coverage during tests for operators 21407\_Movistar



MOVISTAR SERVEI DE VEU, ACCÉS A XARXES DE L'OPERADOR, JUNCOSA



## RAN technology statistics per mobile network operator for 21407\_Movistar

Network Type	21407
5G	0.0000%
4G	14.4538%
3G	85.5462%
2G	0.0000%
CDMA	0.0000%
NONNETWORK	0.0000%
Total Geo samples	595

## RAN technology distribution chart per mobile network operator for 21407\_Movistar

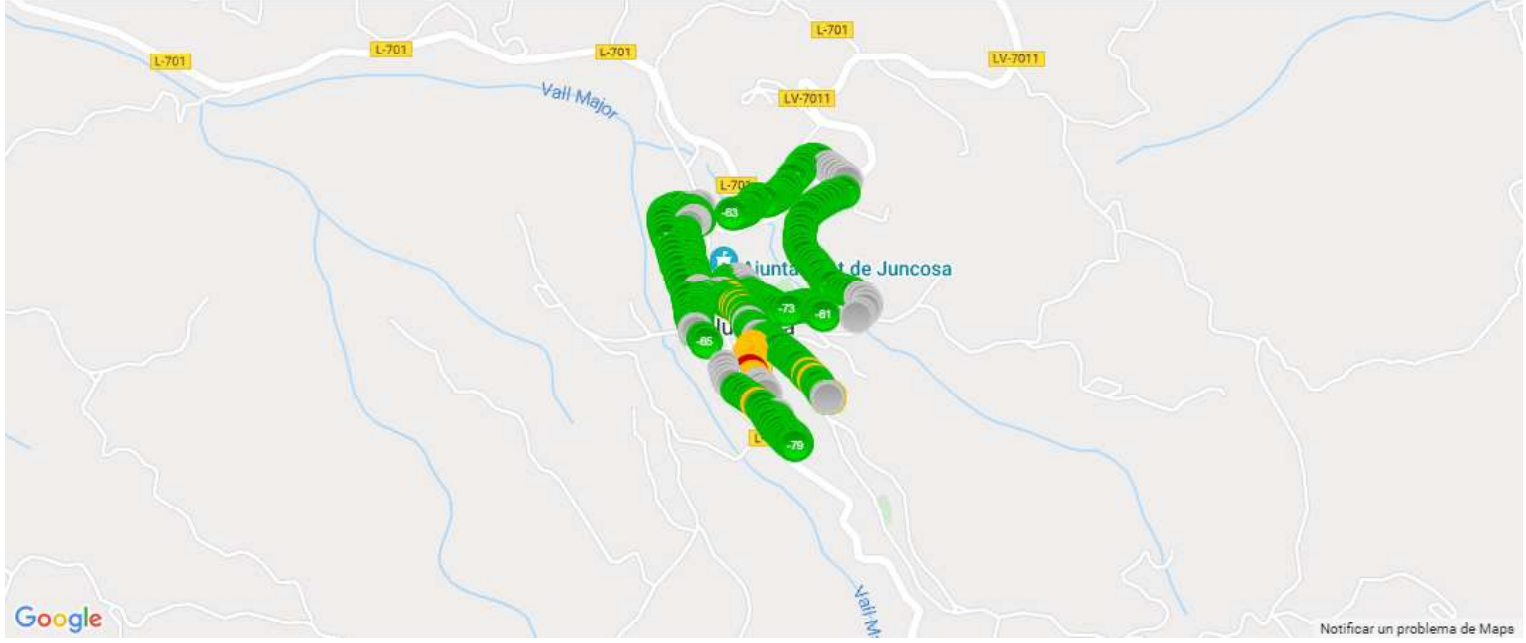


## RSSI view



RSSI KPI statistics per mobile operator for operator 21407\_Movistar

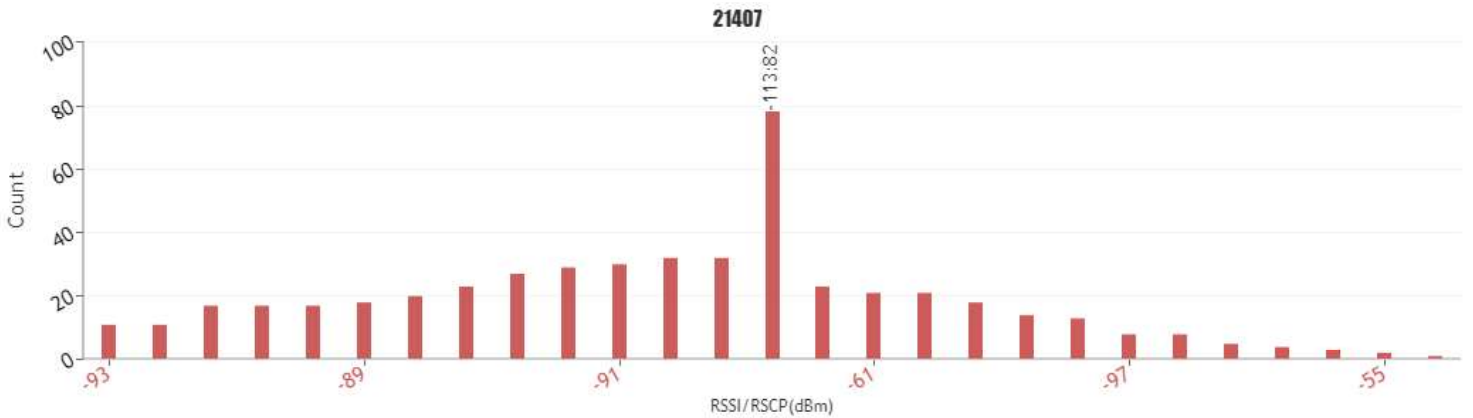
MOVISTAR SERVEI DE VEU, MAPA DE NIVELL DE SENYAL, JUNCOSA



RSSI KPI statistics per mobile operator for 21407\_Movistar

Operators	21407
>= -89dBm	70.2170 % (count : 356)
B/w -99dBm to -90dBm	12.8205 % (count : 65)
B/w -112dBm to -100dBm	0.7890 % (count : 4)
<= -113dBm	16.1736 % (count : 82)
Total Geo samples	507

RSSI distribution chart per mobile operator for 21407\_Movistar



# RantCell User QoE test report



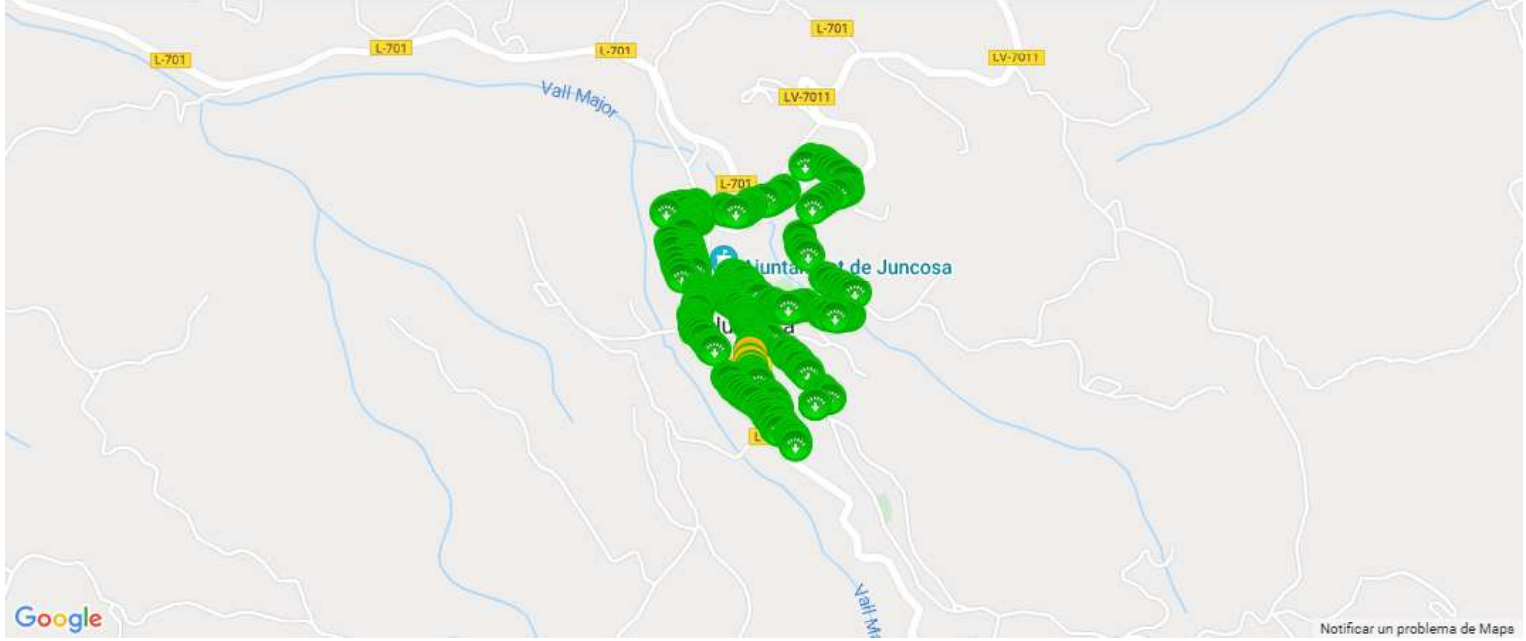
OperatorName	21407_Movistar
Test phone Model/Models	Samsung SM-A226B
Report Generation Time	Mar 23, 2022 8:19:07 AM
Test StartTime	Mar 16, 2022 3:34:31 PM
Test EndTime	Mar 16, 2022 3:45:11 PM
Download Speed Test	Yes

# Download speed test report

Download speed test view for 21407\_Movistar



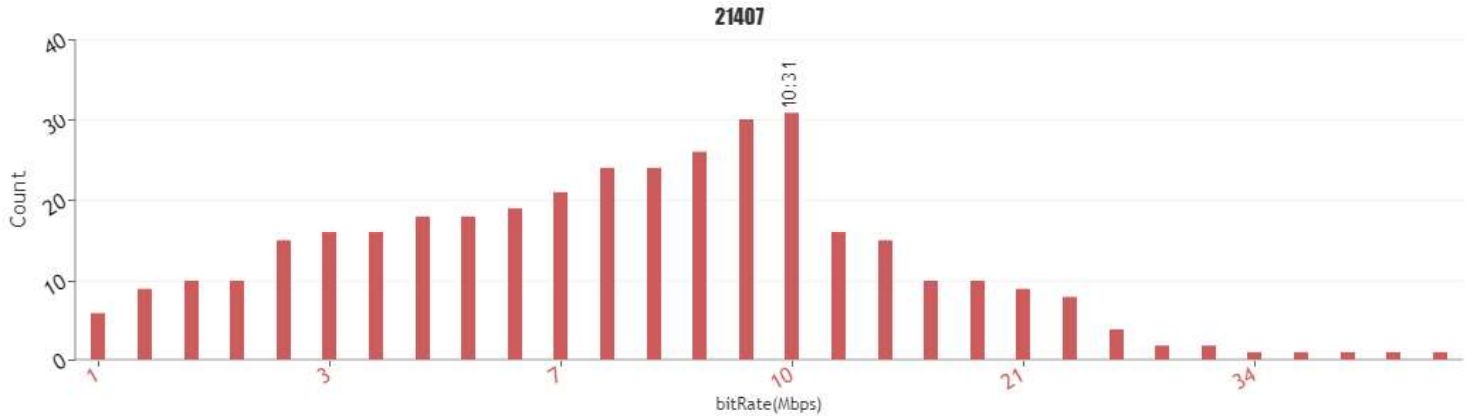
MOVISTAR SERVEI DE DADES, MAPA DE VELOCITATS DE DESCÀRREGA, JUNCOSA



Download test KPI statistics per mobile operator for 21407\_Movistar

Operators	21407
above 1.2Mbps	98.6631 % (count : 369)
0.4Mbps - 1.2Mbps	1.3369 % (count : 5)
0Mbps - 0.4Mbps	0 % (count : 0)
Average (mbps)	11.24
Peak Speed (mbps)	33.84
Lowest Recorded (mbps)	0.78
Total Geo samples	374

Download test distribution chart per mobile operators for 21407\_Movistar





# User perceived mobile network coverage during tests



mobile network coverage during tests for operators 21407\_Movistar



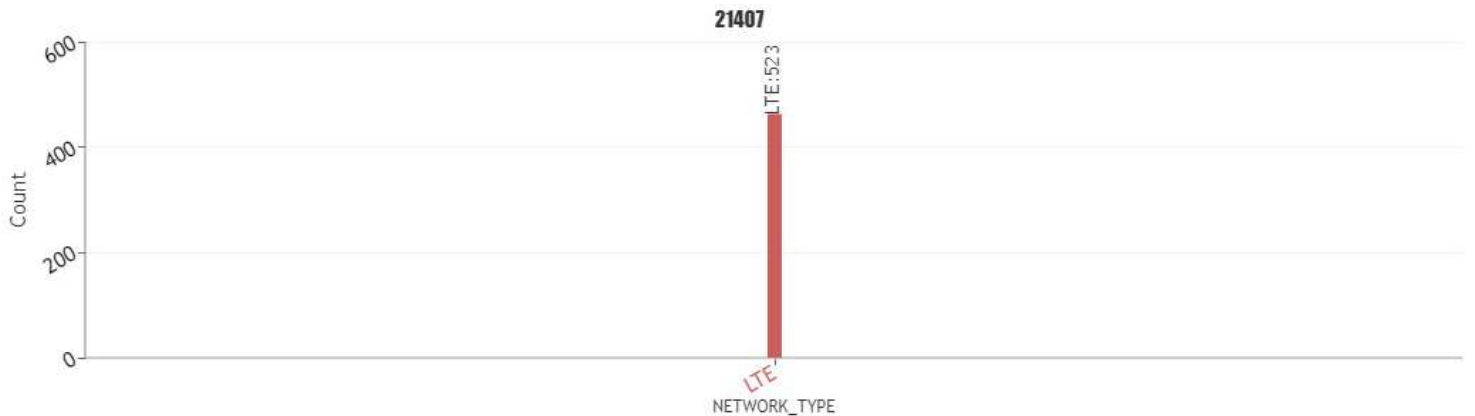
MOVISTAR SERVEI DE DADES, ACCÉS A XARXES DE L'OPERADOR, JUNCOSA



RAN technology statistics per mobile network operator for 21407\_Movistar

Network Type	21407
5G	0.0000%
4G	100.0000%
3G	0.0000%
2G	0.0000%
CDMA	0.0000%
NONNETWORK	0.0000%
Total Geo samples	523

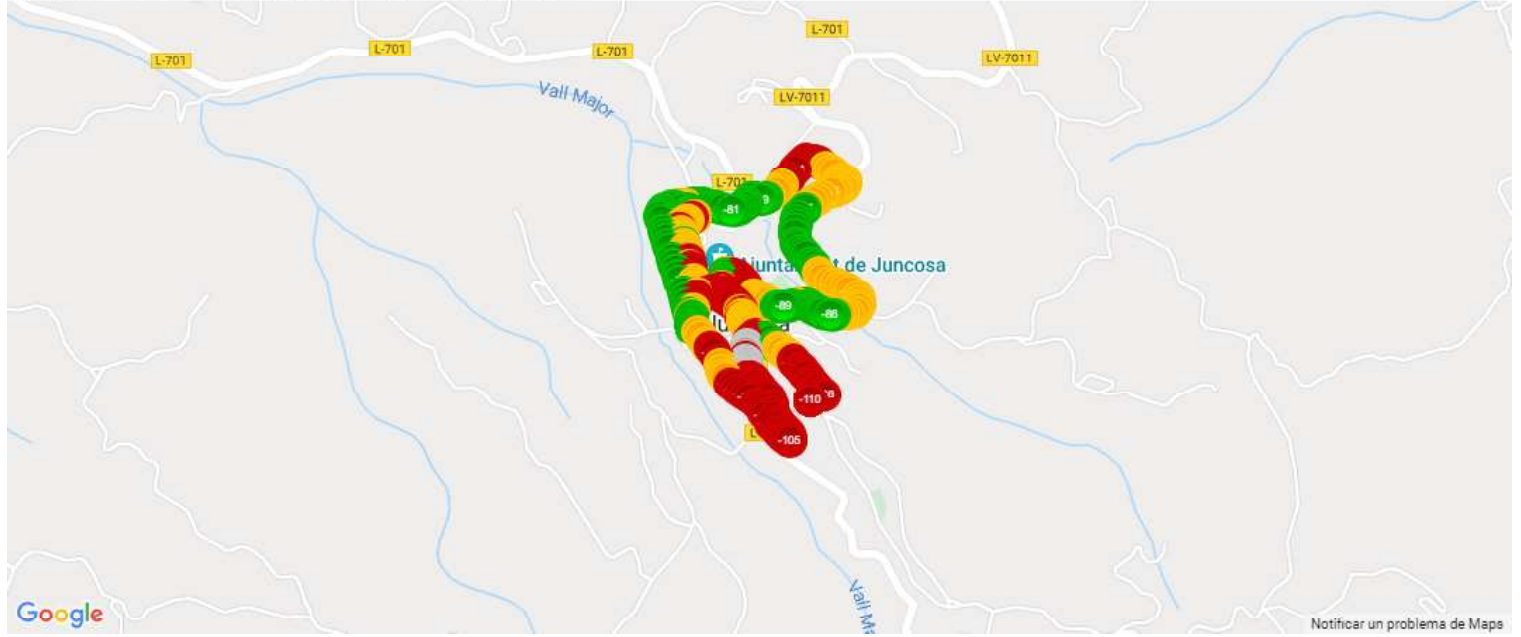
RAN technology distribution chart per mobile network operator for 21407\_Movistar



## RSRP view

RSRP KPI statistics per mobile operator for operator 21407\_Movistar

MOVISTAR SERVEI DE DADES, MAPA DE NIVELL DE SENYAL, JUNCOSA



RSRP KPI statistics per mobile operator for 21407\_Movistar

Operators	21407
<b>&gt;= to -89dBm</b>	29.2543 % (count : 153)
<b>B/w -99dBm to -90dBm</b>	30.2103 % (count : 158)
<b>B/w -112dBm to -100dBm</b>	37.4761 % (count : 196)
<b>&lt;= -113dBm</b>	3.0593 % (count : 16)
Total Geo samples	523

RSRP distribution chart per mobile operator for 21407\_Movistar



# RantCell User QoE test report

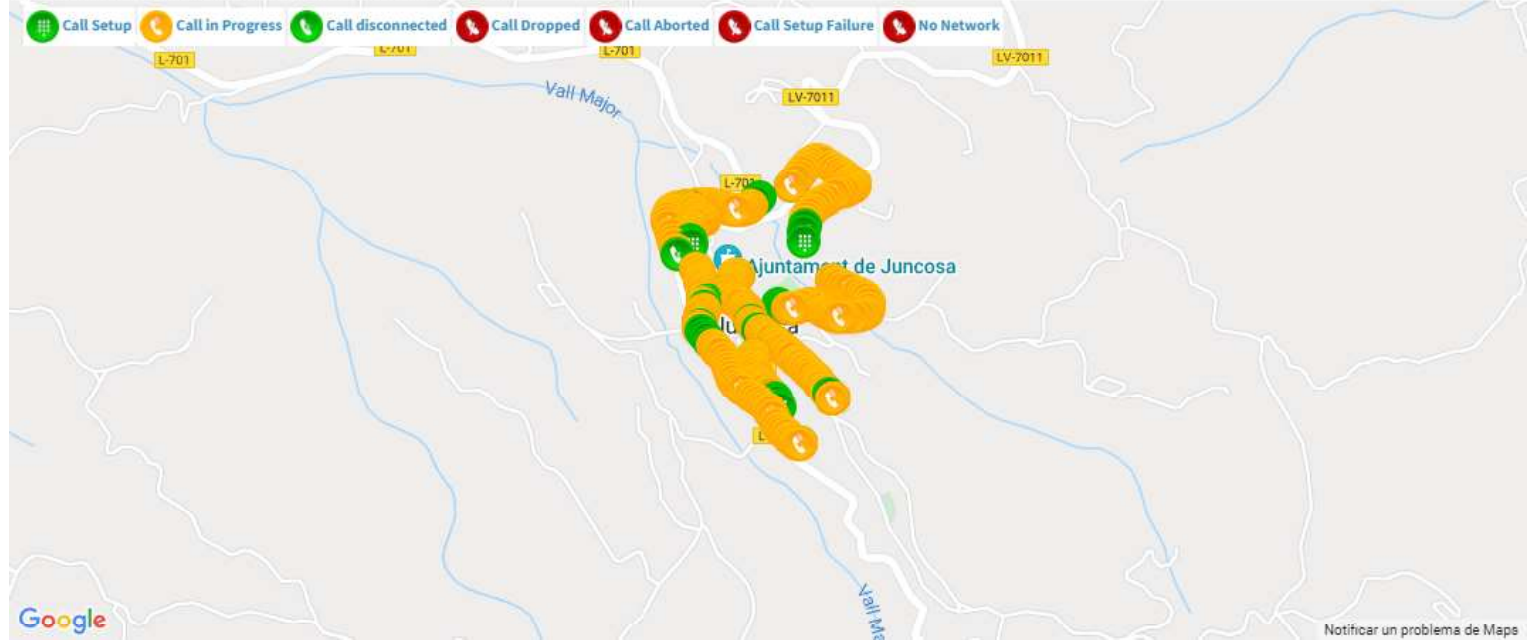


OperatorName	21401_vodafone ES
Test phone Model/Models	Samsung SM-A226B
Report Generation Time	Mar 23, 2022 8:28:54 AM
Test StartTime	Mar 16, 2022 3:34:03 PM
Test EndTime	Mar 16, 2022 3:46:19 PM
Voice Call Test	Yes

## Voice call test report

Call test view of mobile operators for 21401\_vodafone ES

### VODAFONE SERVEI DE VEU, MAPA DE TRUCADES, JUNCOSA



Call test KPI statistics per mobile operator for 21401\_vodafone ES

Operators	21401
Total Calls Success	13
Total Calls Attempted	14
Total Calls Failed	1
Dropped Calls	1
Aborted Calls	0
CallSetup Failed	0
No Network	0
Attempted Voice call on 2G	1
Attempted Voice call on 3G	11
Successful CSFB call to 3G	1

## User perceived mobile network coverage during tests



mobile network coverage during tests for operators 21401\_vodafone ES



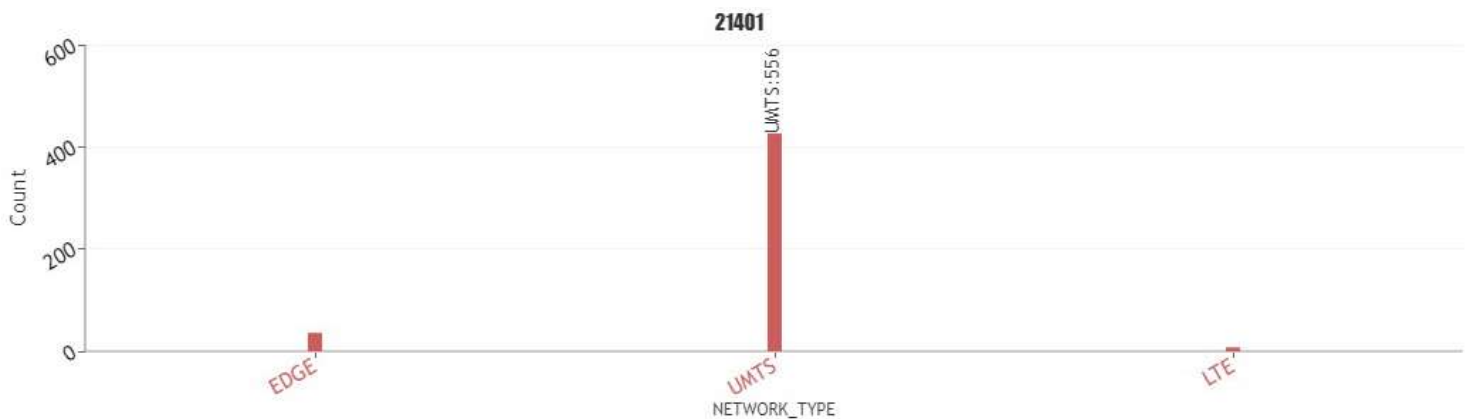
VODAFONE SERVEI DE VEU, ACCÉS A XARXES DE L'OPERADOR, JUNCOSA



## RAN technology statistics per mobile network operator for 21401\_vodafone ES

Network Type	21401
5G	0.0000%
4G	1.4950%
3G	92.3588%
2G	6.1462%
CDMA	0.0000%
NONNETWORK	0.0000%
Total Geo samples	602

## RAN technology distribution chart per mobile network operator for 21401\_vodafone ES

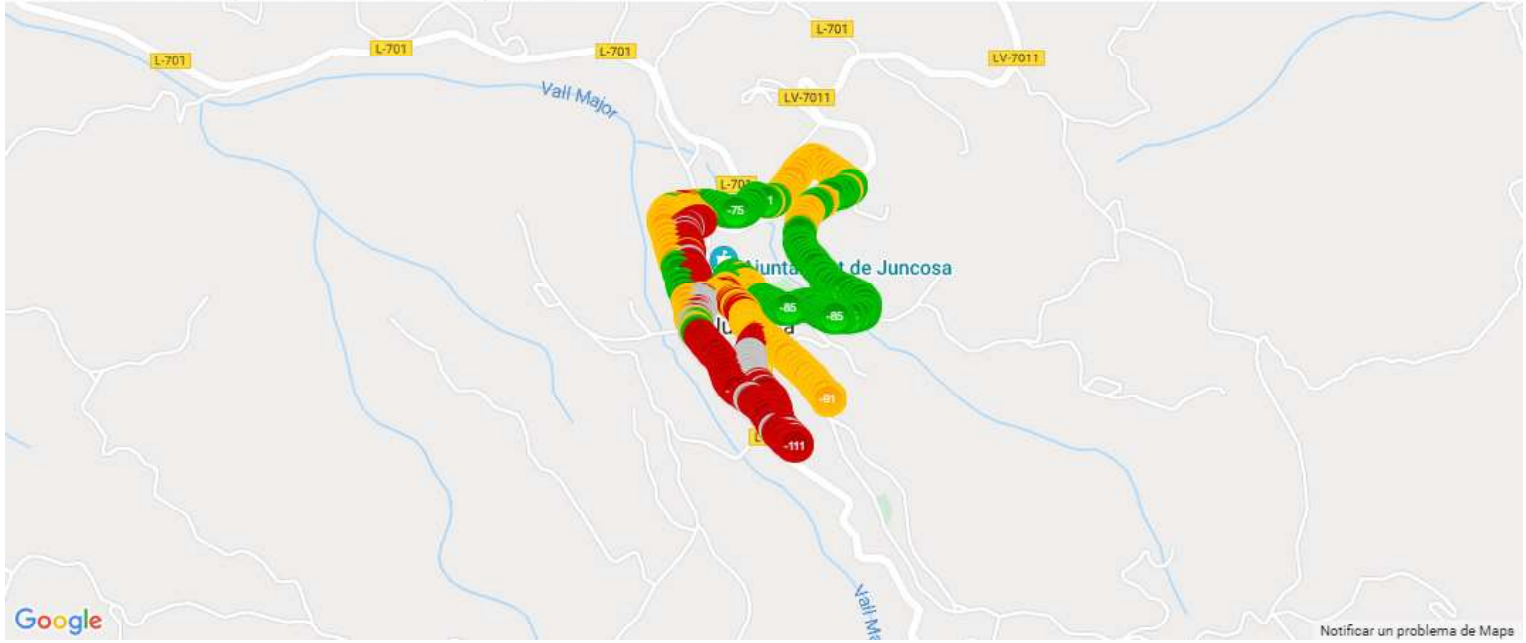


## RSSI view



RSSI KPI statistics per mobile operator for operator 21401\_vodafone ES

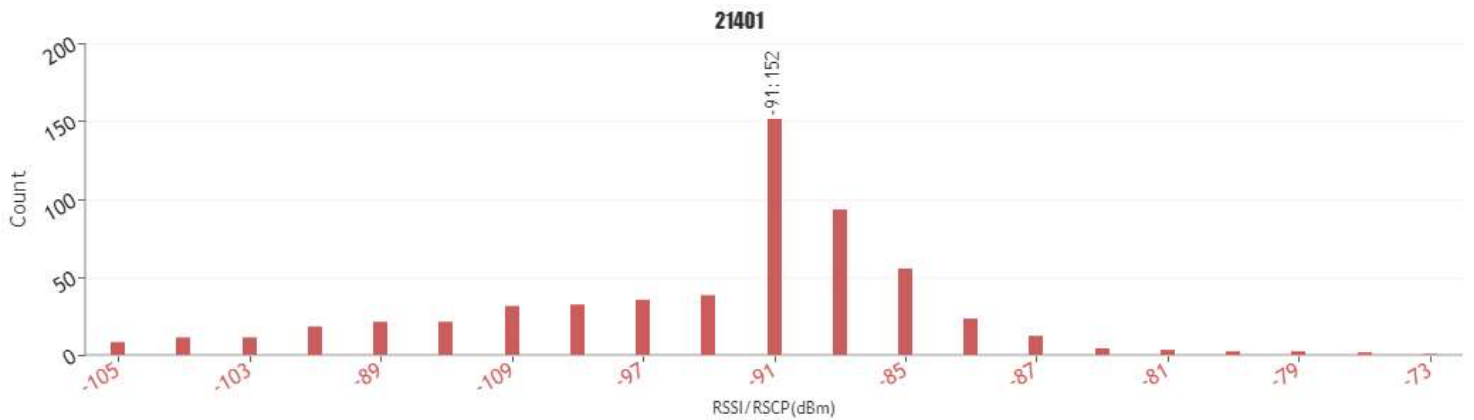
VODAFONE SERVEI DE VEU, MAPA DE NIVELL DE SENYAL, JUNCOSA



RSSI KPI statistics per mobile operator for 21401\_vodafone ES

Operators	21401
>= -89dBm	18.3811 % (count: 109)
B/w -99dBm to -90dBm	41.4840 % (count: 246)
B/w -112dBm to -100dBm	24.2833 % (count: 144)
<= -113dBm	15.8516 % (count: 94)
Total Geo samples	593

RSSI distribution chart per mobile operator for 21401\_vodafone ES



# RantCell User QoE test report



OperatorName	21401_vodafone ES
Test phone Model/Models	Samsung SM-A226B
Report Generation Time	Mar 23, 2022 8:33:08 AM
Test StartTime	Mar 18, 2022 11:11:21 AM
Test EndTime	Mar 18, 2022 11:23:43 AM
Download Speed Test	Yes



# Download speed test report

Download speed test view for 21401\_vodafone ES



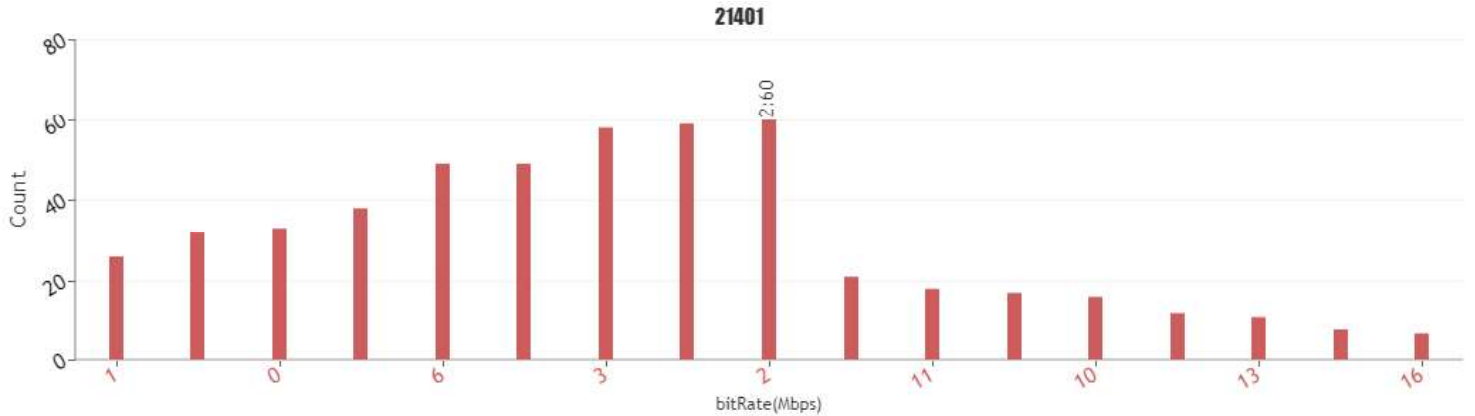
VODAFONE SERVEI DE DADES, MAPA DE VELOCITATS DE DESCÀRREGA, JUNCOSA



Download test KPI statistics per mobile operator for 21401\_vodafone ES

Operators	21401
above 1.2Mbps	89.6887 % (count : 461)
0.4Mbps - 1.2Mbps	3.8911 % (count : 20)
0Mbps - 0.4Mbps	6.4202 % (count : 33)
Average (mbps)	5.68
Peak Speed (mbps)	16.42
Lowest Recorded (mbps)	0
Total Geo samples	514

Download test distribution chart per mobile operators for 21401\_vodafone ES



# User perceived mobile network coverage during tests



mobile network coverage during tests for operators 21401\_vodafone ES



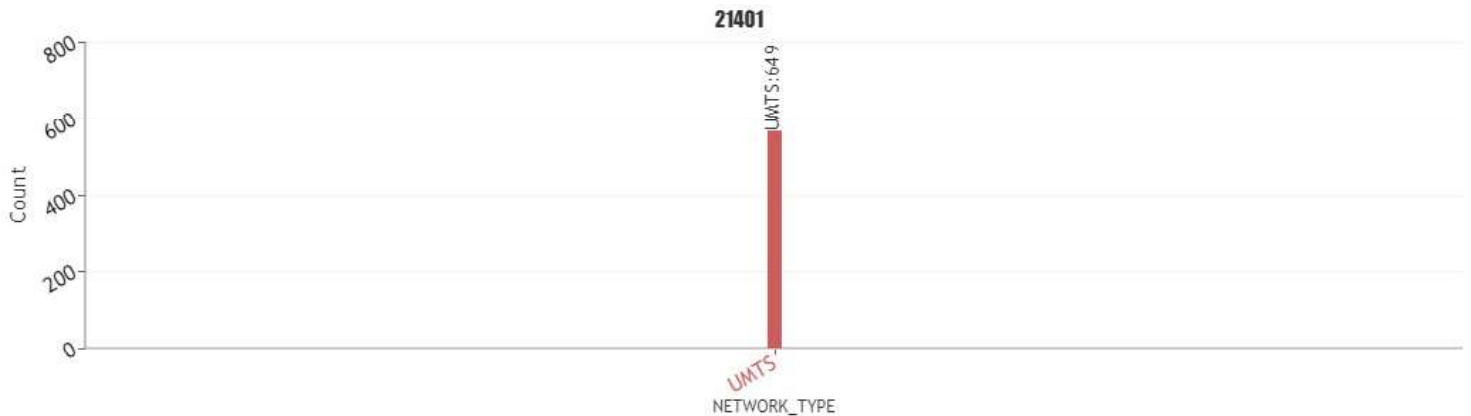
VODAFONE SERVEI DE DADES, ACCÉS A XARXES DE L'OPERADOR, JUNCOSA



## RAN technology statistics per mobile network operator for 21401\_vodafone ES

Network Type	21401
5G	0.0000%
4G	0.0000%
3G	100.0000%
2G	0.0000%
CDMA	0.0000%
NONNETWORK	0.0000%
Total Geo samples	649

## RAN technology distribution chart per mobile network operator for 21401\_vodafone ES



# RSSI view



RSSI KPI statistics per mobile operator for operator 21401\_vodafone ES

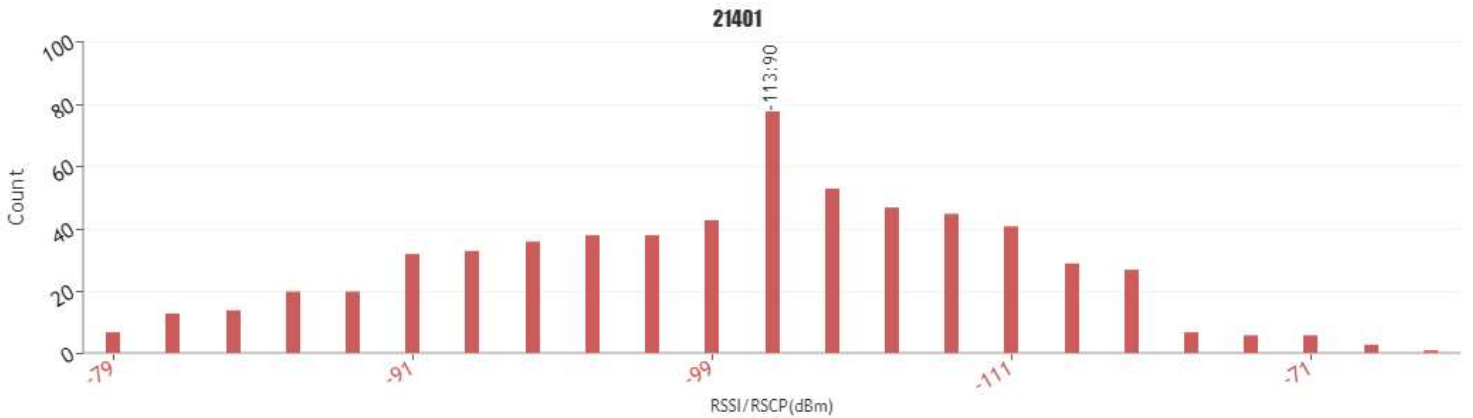
VODAFONE SERVEI DE DADES, MAPA DE NIVELL DE SENYAL, JUNCOSA



RSSI KPI statistics per mobile operator for 21401\_vodafone ES

Operators	21401
>= -89dBm	19.1063 % (count: 124)
B/w -99dBm to -90dBm	26.6564 % (count: 173)
B/w -112dBm to -100dBm	40.3698 % (count: 262)
<= -113dBm	13.8675 % (count: 90)
Total Geo samples	649

RSSI distribution chart per mobile operator for 21401\_vodafone ES



# RantCell User QoE test report

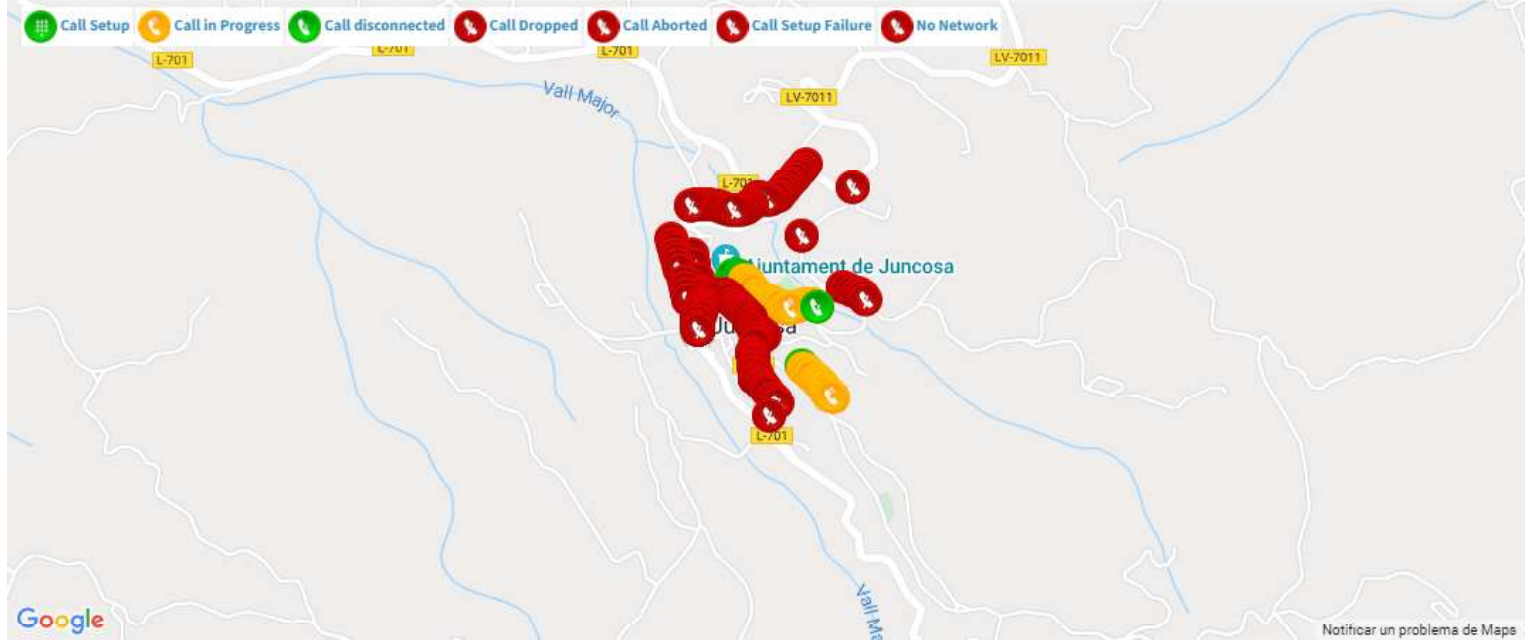


OperatorName	21403_Orange
Test phone Model/Models	Samsung SM-A226B
Report Generation Time	Mar 23, 2022 8:22:29 AM
Test StartTime	Mar 16, 2022 3:33:52 PM
Test EndTime	Mar 16, 2022 3:45:21 PM
Voice Call Test	Yes

## Voice call test report

Call test view of mobile operators for 21403\_Orange

### ORANGE SERVEI DE VEU, MAPA DE TRUCADES, JUNCOSA



Call test KPI statistics per mobile operator for 21403\_Orange

Operators	21403	21407
Total Calls Success	3	0
Total Calls Attempted	20	0
Total Calls Failed	17	0
Dropped Calls	0	0
Aborted Calls	0	0
CallSetup Failed	17	0
No Network	0	0
Attempted Voice call on 2G	3	0
Attempted Voice call on 3G	12	0
Attempted Voice call on 3G/2G	1	0
Successful CSFB call to 2G	1	0
Successful CSFB call to 3G	2	0
Not Determined(Voice CallType)	1	0

# User perceived mobile network coverage during tests



mobile network coverage during tests for operators 21403\_Orange



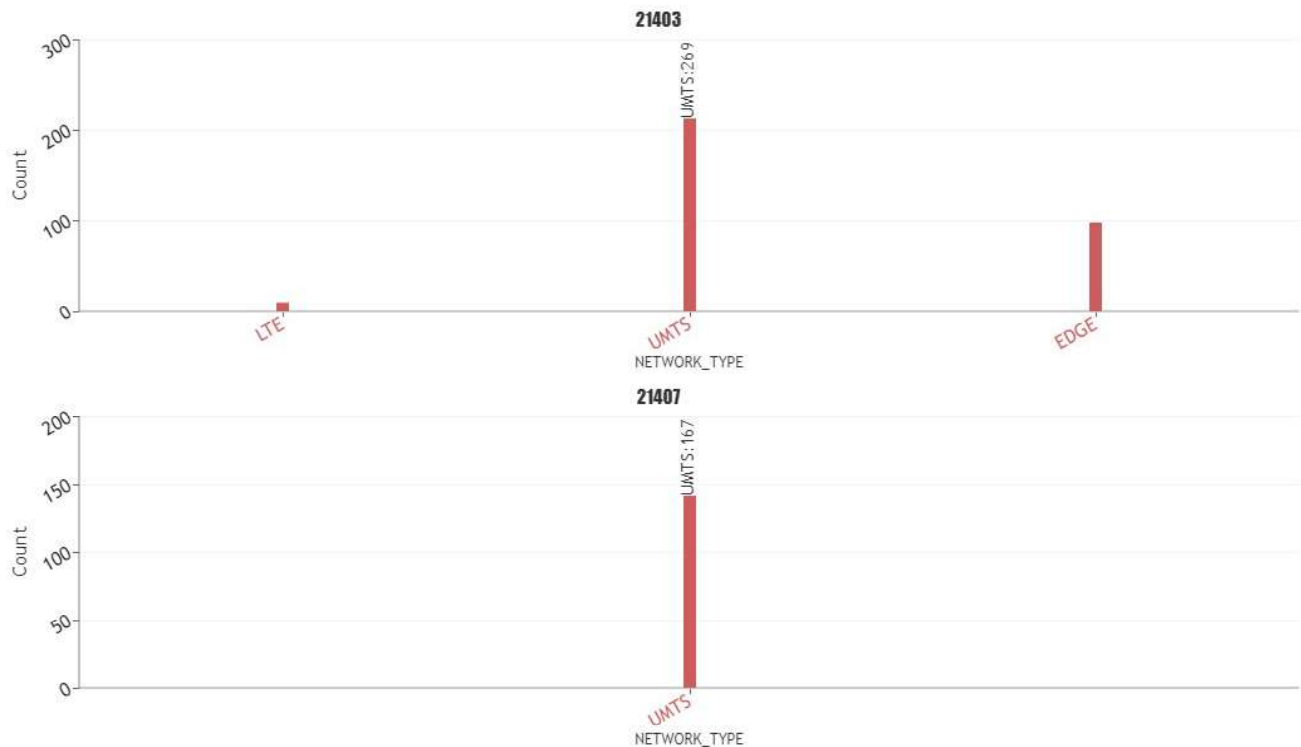
ORANGE SERVEI DE VEU, ACCÉS A XARXES DE L'OPERADOR, JUNCOSA



## RAN technology statistics per mobile network operator for 21403\_Orange

Network Type	21403	21407
5G	0.0000%	0.0000%
4G	2.6525%	0.0000%
3G	71.3528%	100.0000%
2G	25.9947%	0.0000%
CDMA	0.0000%	0.0000%
NONNETWORK	0.0000%	0.0000%
Total Geo samples	377	167

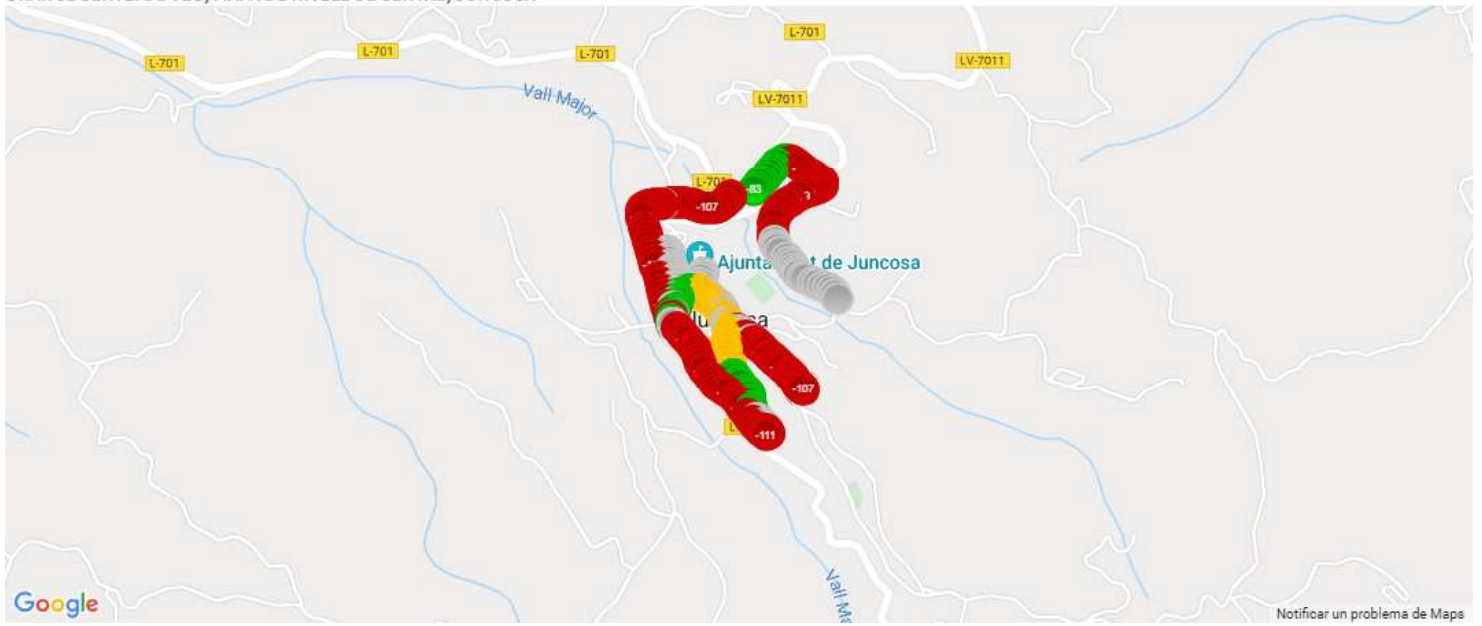
## RAN technology distribution chart per mobile network operator for 21403\_Orange





RSI KPI statistics per mobile operator for operator 21403\_Orange

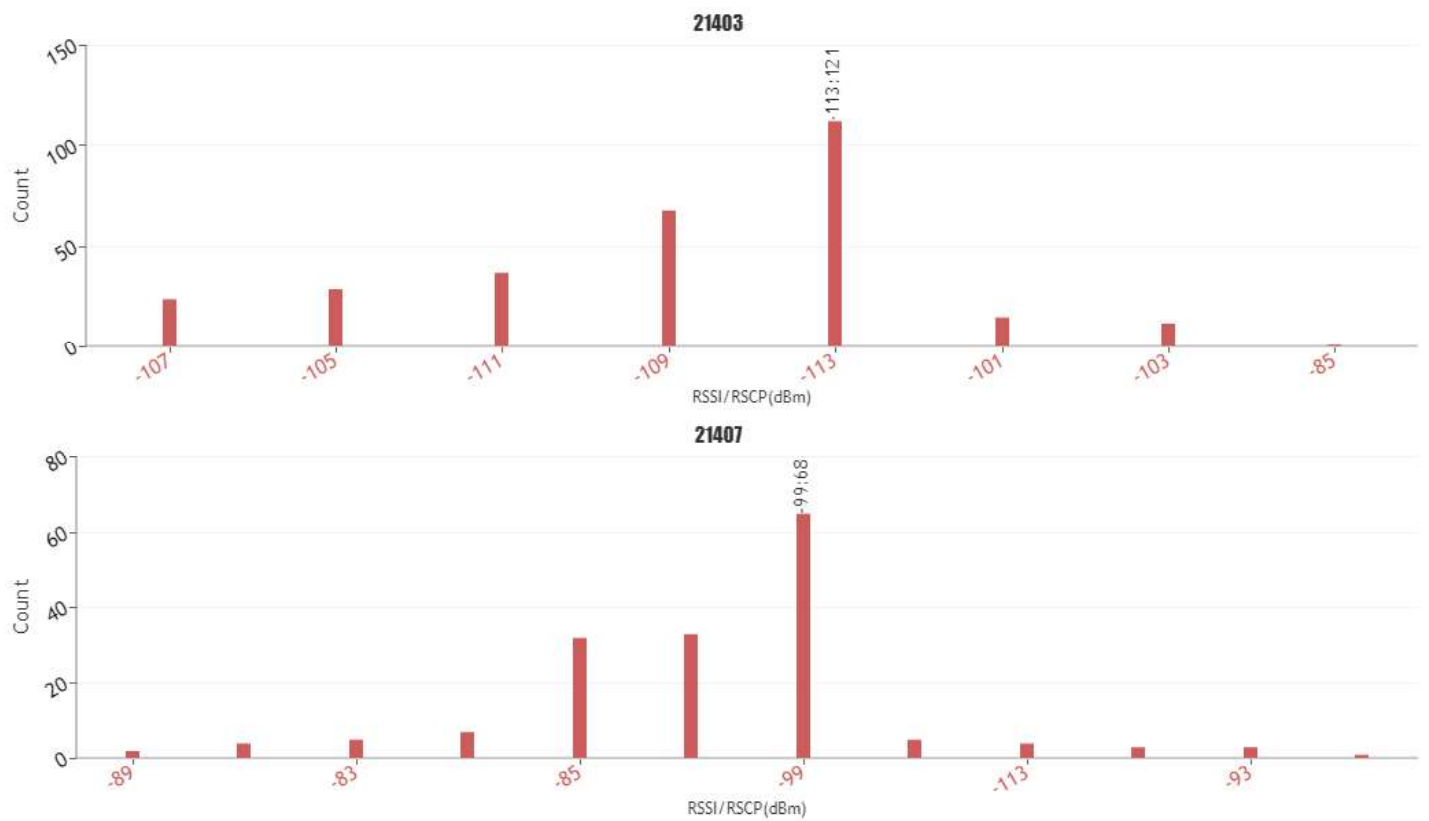
ORANGE SERVEI DE VEU, MAPA DE NIVELL DE SENYAL, JUNCOSA



RSI KPI statistics per mobile operator for 21403\_Orange

Operators	21403	21407
>= -89dBm	0.3257 % (count : 1)	43.1138 % (count : 72)
B/w -99dBm to -90dBm	0 % (count : 0)	47.9042 % (count : 80)
B/w -112dBm to -100dBm	60.2606 % (count : 185)	6.5868 % (count : 11)
<= -113dBm	39.4137 % (count : 121)	2.3952 % (count : 4)
Total Geo samples	307	167

RSI distribution chart per mobile operator for 21403\_Orange





# RantCell User QoE test report



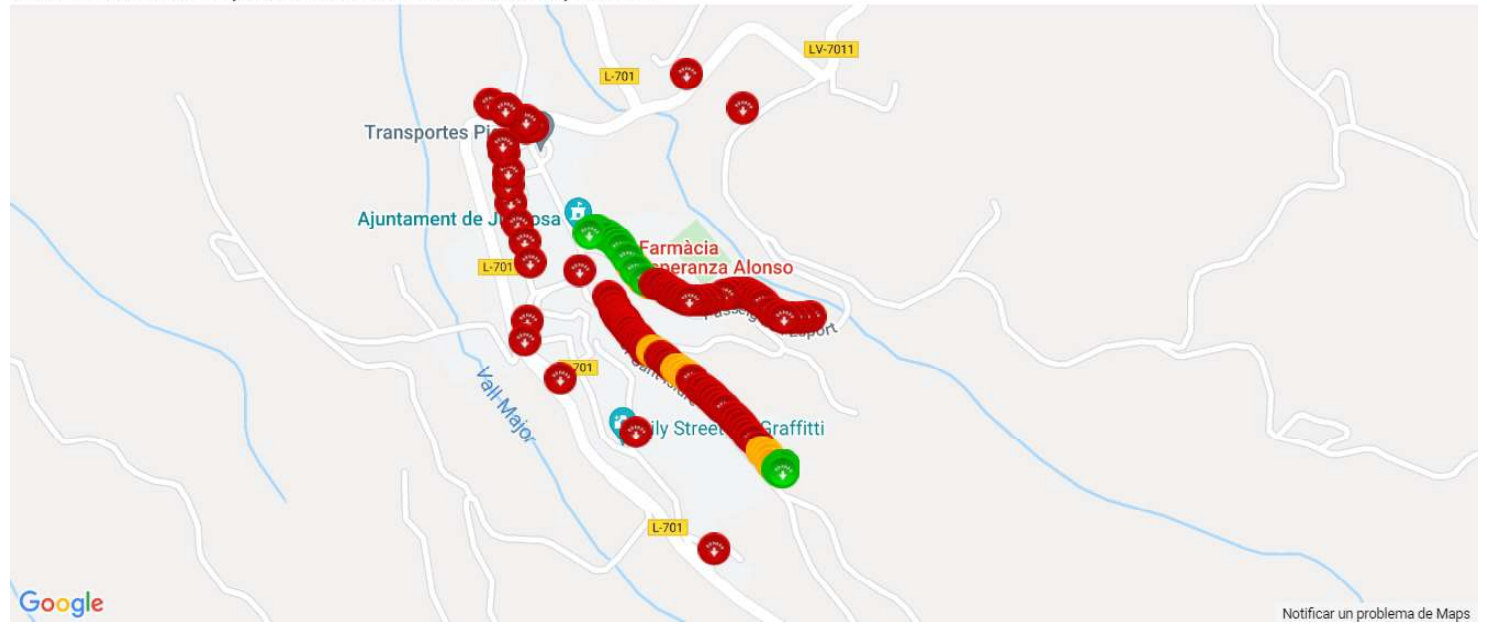
OperatorName	21403_Orange
Test phone Model/Models	Samsung SM-A226B
Report Generation Time	Mar 25, 2022 12:43:36 PM
Test StartTime	Mar 16, 2022 3:34:44 PM
Test EndTime	Mar 16, 2022 3:45:12 PM
Download Speed Test	Yes

# Download speed test report



Download speed test view for 21403\_Orange

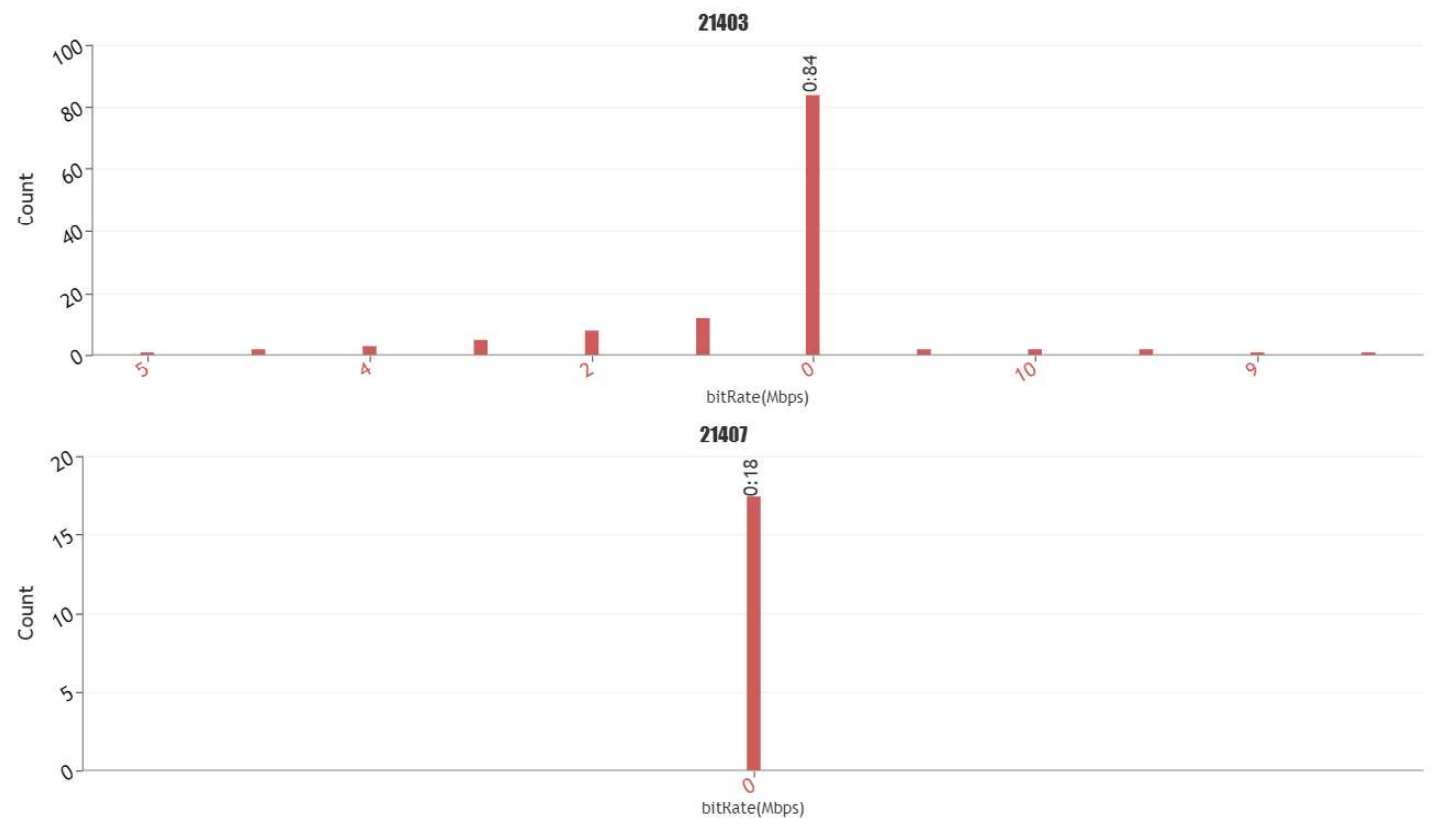
## ORANGE SERVEI DE DADES, MAPA DE VELOCITATS DE DESCÀRREGA, JUNCOSA



## Download test KPI statistics per mobile operator for 21403\_Orange

Operators	21403	21407
above 1.2Mbps	23.5772 % (count : 29)	0 % (count : 0)
0.4Mbps - 1.2Mbps	11.3821 % (count : 14)	0 % (count : 0)
0Mbps - 0.4Mbps	65.0407 % (count : 80)	100.0000 % (count : 18)
Average (mbps)	1.21	0.00
Peak Speed (mbps)	11.25	0
Lowest Recorded (mbps)	0	0
Total Geo samples	123	18

## Download test distribution chart per mobile operators for 21403\_Orange

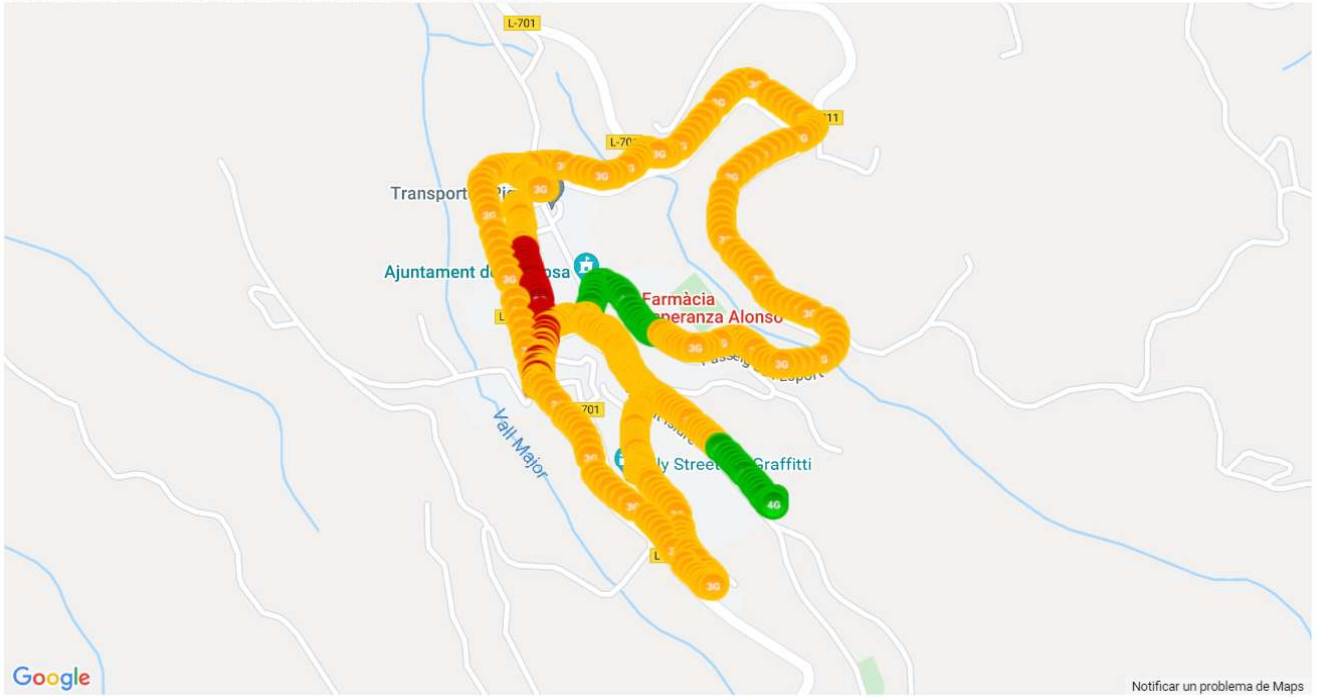


# User perceived mobile network coverage during tests

mobile network coverage during tests for operators 21403\_Orange



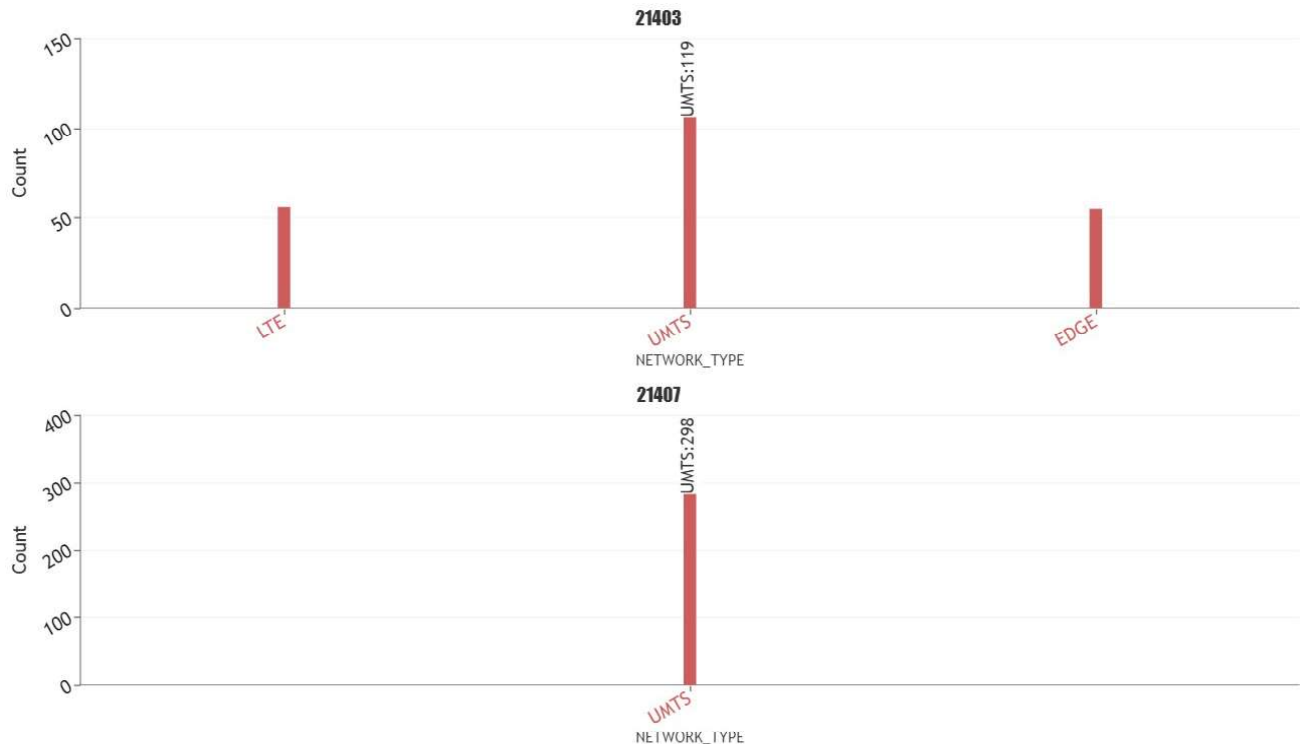
ORANGE SERVEI DE DADDES, ACCÉS A XARRES DE L'OPERADOR, JUNCOSA



RAN technology statistics per mobile network operator for 21403\_Orange

Network Type	21403	21407
5G	0.0000%	0.0000%
4G	24.3478%	0.0000%
3G	51.7391%	100.0000%
2G	23.9130%	0.0000%
CDMA	0.0000%	0.0000%
NONNETWORK	0.0000%	0.0000%
Total Geo samples	230	298

RAN technology distribution chart per mobile network operator for 21403\_Orange



## RSRP view

RSRP KPI statistics per mobile operator for operator 21403\_Orange

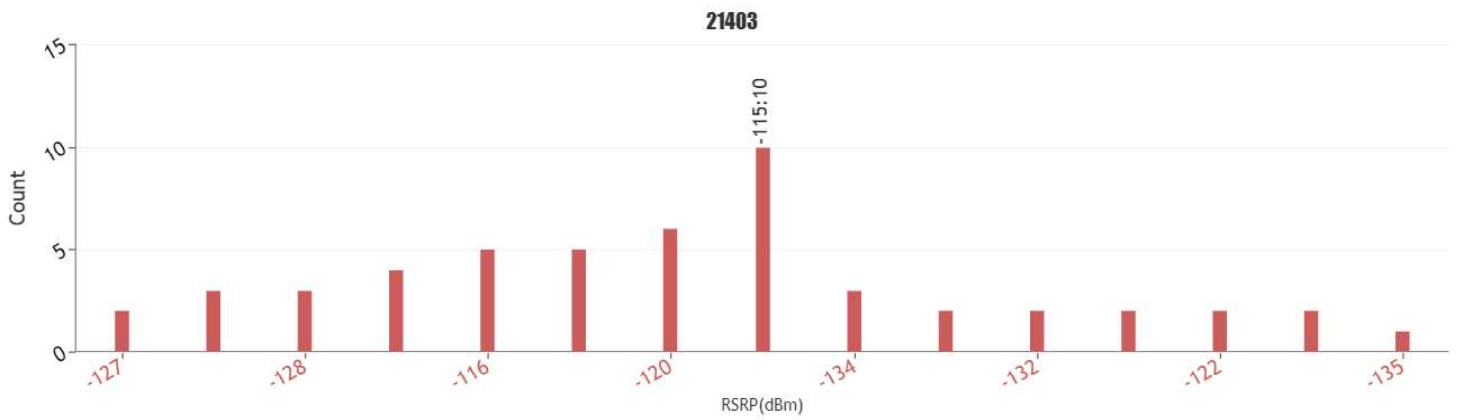
ORANGE SERVEI DE DADES, MAPA DE NIVELL DE SENYAL 4G, JUNCOSA



RSRP KPI statistics per mobile operator for 21403\_Orange

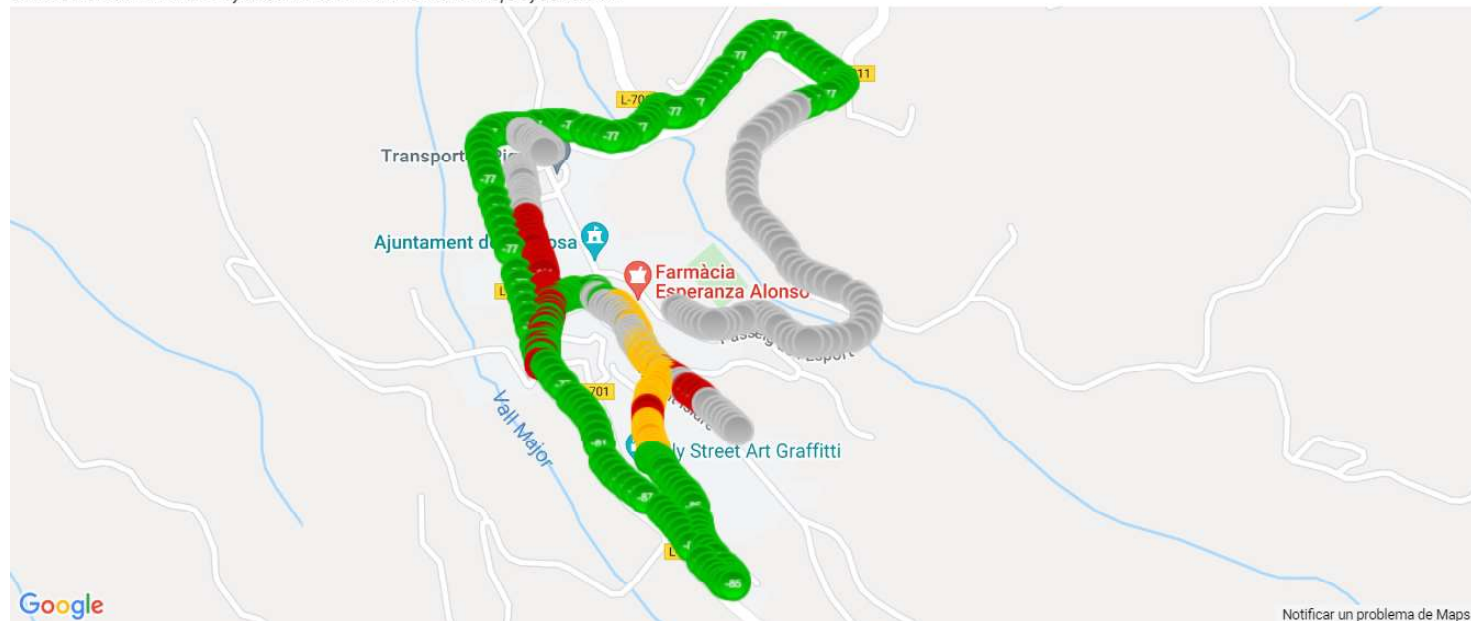
Operators	21403
<b>&gt;= to -89dBm</b>	0 % (count : 0)
<b>B/w -99dBm to -90dBm</b>	0 % (count : 0)
<b>B/w -112dBm to -100dBm</b>	0 % (count : 0)
<b>&lt;= -113dBm</b>	100.0000 % (count : 52)
Total Geo samples	52

RSRP distribution chart per mobile operator for 21403\_Orange



RSI KPI statistics per mobile operator for operator 21403\_Orange

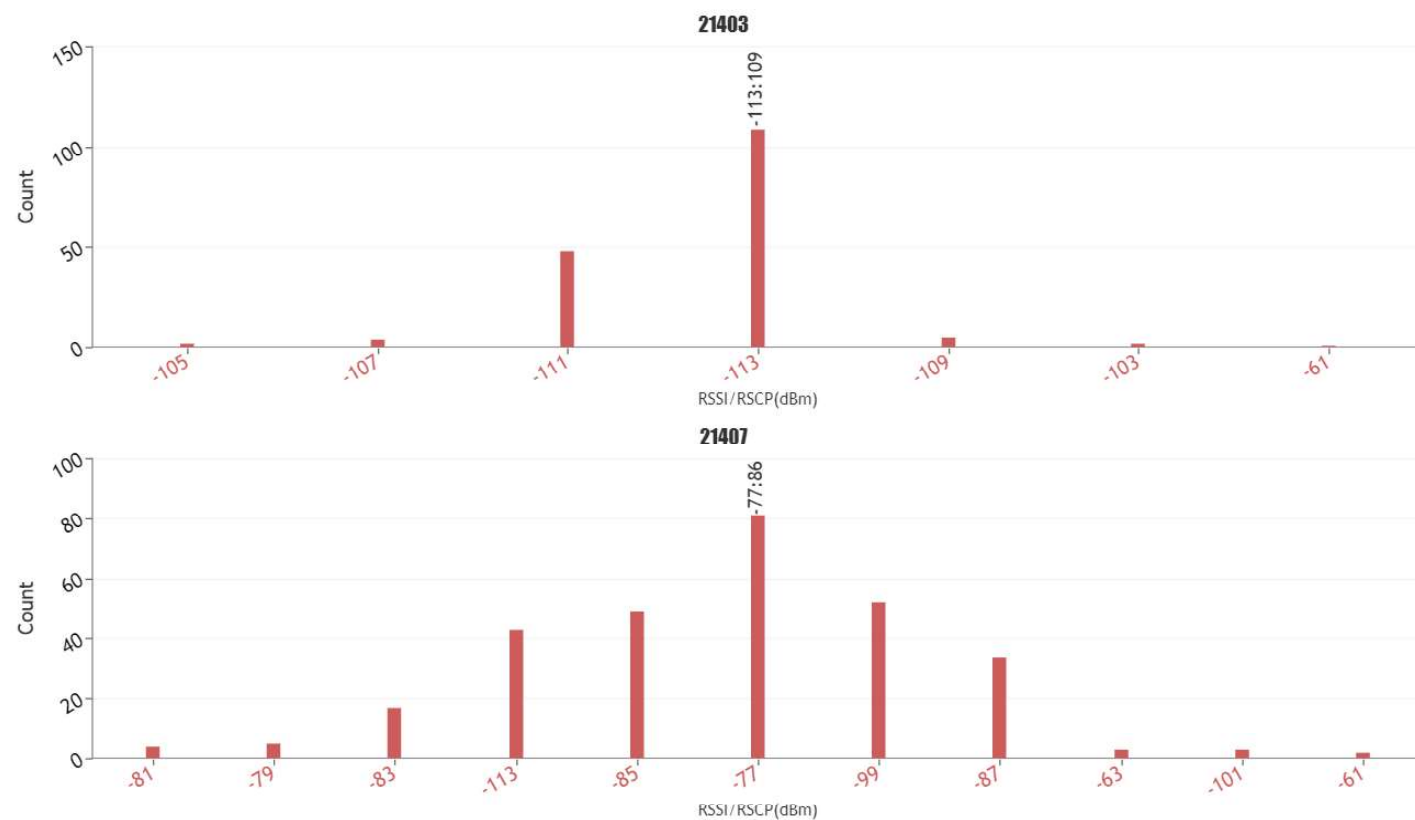
ORANGE SERVEI DE DADES, MAPA DE NIVELL DE SENYAL 2G/3G, JUNCOSA



RSI KPI statistics per mobile operator for 21403\_Orange

Operators	21403	21407
>= -89dBm	0.5848 % (count : 1)	67.1141 % (count : 200)
B/w -99dBm to -90dBm	0 % (count : 0)	17.4497 % (count : 52)
B/w -112dBm to -100dBm	35.6725 % (count : 61)	1.0067 % (count : 3)
<= -113dBm	63.7427 % (count : 109)	14.4295 % (count : 43)
Total Geo samples	171	298

RSI distribution chart per mobile operator for 21403\_Orange



## JUNEDA: RESUM MESURES

OPERADOR	SERVEI DE VEU	SERVEI DE DADES
MOVISTAR	CORRECTE (3G)	CORRECTE (3G/4G)
VODAFONE	CORRECTE (3G)	CORRECTE 60% (3G/4G)
ORANGE	CORRECTE (3G)	CORRECTE (4G)

Comentaris:

No es troben deficiències significatives de servei de veu o dades dels operadors Movistar i Orange. Vodafone té una cobertura de dades deficient al 40% del poble (segons percentatge de velocitats inferiors a 1,2 Mbps).

No es té cap informació relativa a si hi ha o no fibra òptica al municipi.

Servei de Movistar al centre del municipi. Servei de Orange a l'est del municipi. Servei de Vodafone provinent d'antenes i municipis propers.



☰ Juneda



### TELEFONICA MOVILES ESPAÑA, S.A.U.

Estación: 2500197

Dirección: PZ ESGLESIA , 1. JUNEDA, LLEIDA

Posición: 41.5496 lat / 0.825589 lng

Elevación: **Sólo PRO**

ID	BANDA	MODOS*
1	1805.10 - 1825.10	4G
1	1910.00 - 1915.00; 2155.00 - 2170.00	3G
1	935.10 - 949.90	2G
1	935.10 - 949.90	2G

☰ Juneda



### ORANGE ESPAGNE, S.A.U.

Estación: CATR9446F

Dirección: VP POLÍGONO 9 PARCELA 300.  
JUNEDA, LLEIDA

Posición: 41.548539 lat / 0.836639 lng

Elevación: **Sólo PRO**

ID	BANDA	MODOS*
1	1900.00 - 1905.00; 2125.00 - 2140.00	3G
1	832.00 - 842.00	4G
1	925.10 - 935.10	2G 3G
1	925.10 - 935.10	2G 3G





**VODAFONE ESPAÑA, S.A.**

Estación: 131903  
 Dirección: CL ROSER, 109. TORREGROSSA, LLEIDA  
 Posición: 41.579611 lat / 0.826194 lng  
 Elevación: **Sólo PRO**

ID	BANDA	MODOS*
1	842.00 - 852.00	4G
1	949.90 - 959.90	2G 3G
1	949.90 - 959.90	2G 3G

**VODAFONE ESPAÑA, S.A.**

Estación: 148213  
 Dirección: ZN Polígono 4 Parcela 33. JUNEDA, LLEIDA  
 Posición: 41.563025 lat / 0.788639 lng  
 Elevación: **Sólo PRO**

ID	BANDA	MODOS*
1	842.00 - 852.00	4G
1	949.90 - 959.90	2G 3G
1	949.90 - 959.90	2G 3G

# RantCell User QoE test report



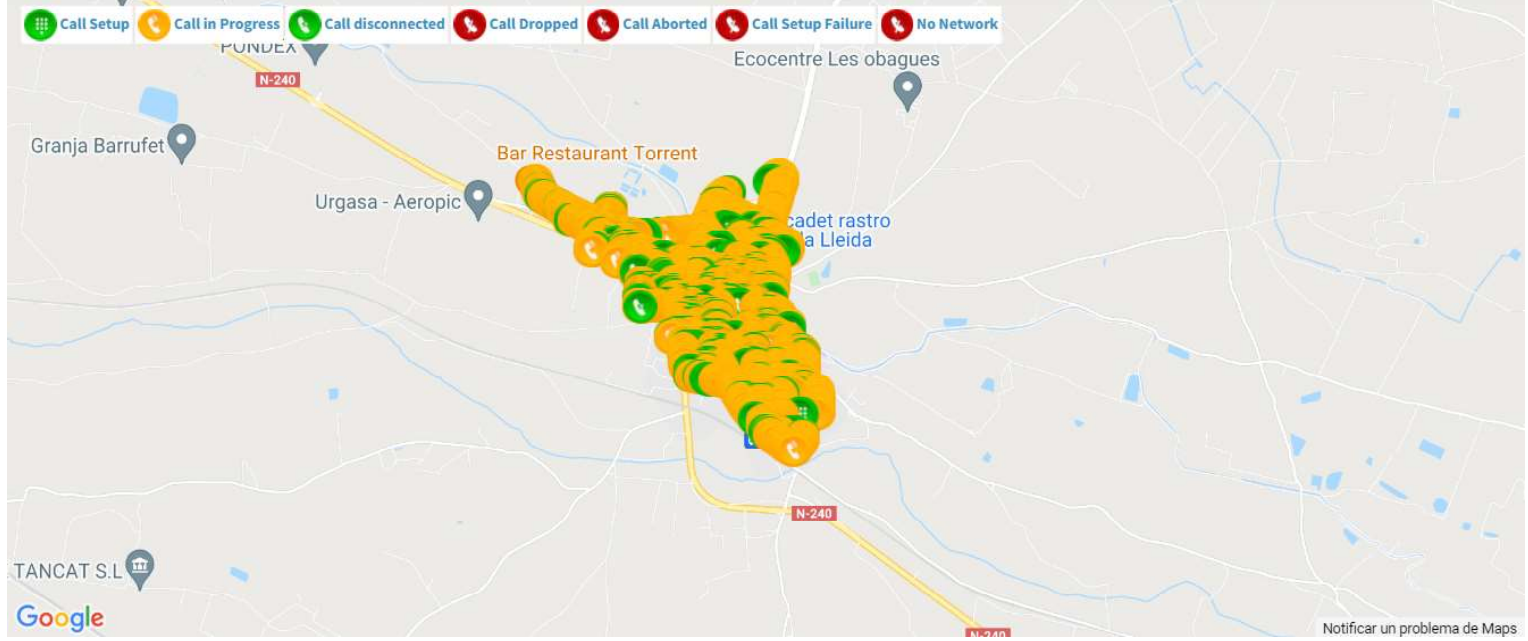
OperatorName	21407_Movistar
Test phone Model/Models	Samsung SM-A226B
Report Generation Time	Mar 28, 2022 8:57:03 AM
Test StartTime	Mar 25, 2022 8:56:59 AM
Test EndTime	Mar 25, 2022 10:20:25 AM
Voice Call Test	Yes

## Voice call test report



Call test view of mobile operators for 21407\_Movistar

### MOVISTAR SERVEI DE VEU, MAPA DE TRUCADES, JUNEDA



Call test KPI statistics per mobile operator for 21407\_Movistar

Operators	21407
Total Calls Success	103
Total Calls Attempted	104
Total Calls Failed	1
Dropped Calls	0
Aborted Calls	0
CallSetup Failed	1
No Network <a href="#">?</a>	0
Attempted Voice call on 2G <a href="#">?</a>	0
Attempted Voice call on 3G <a href="#">?</a>	39
Successful CSFB call to 3G <a href="#">?</a>	64
Not Determined(Voice CallType) <a href="#">?</a>	1

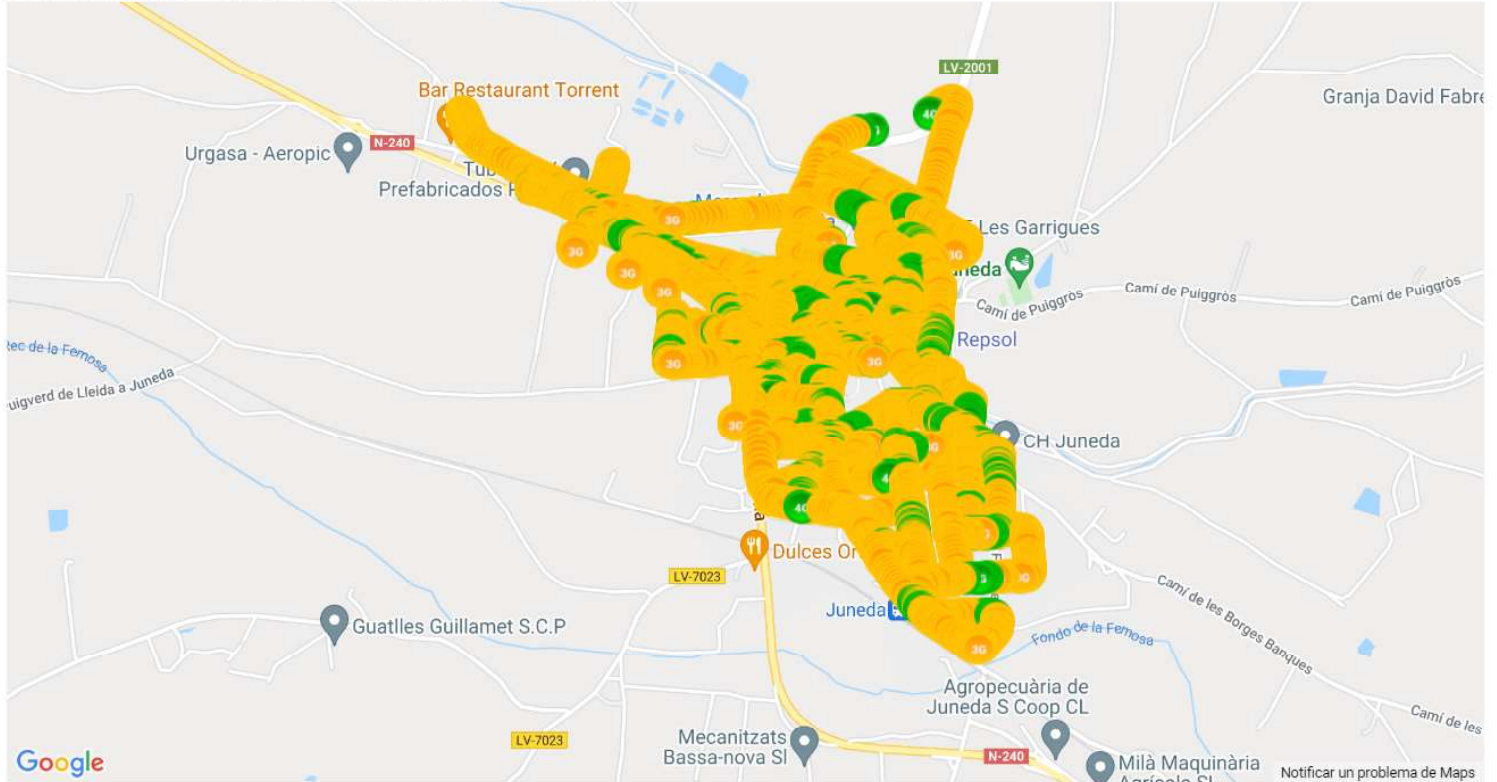
# User perceived mobile network coverage during tests



mobile network coverage during tests for operators 21407\_Movistar



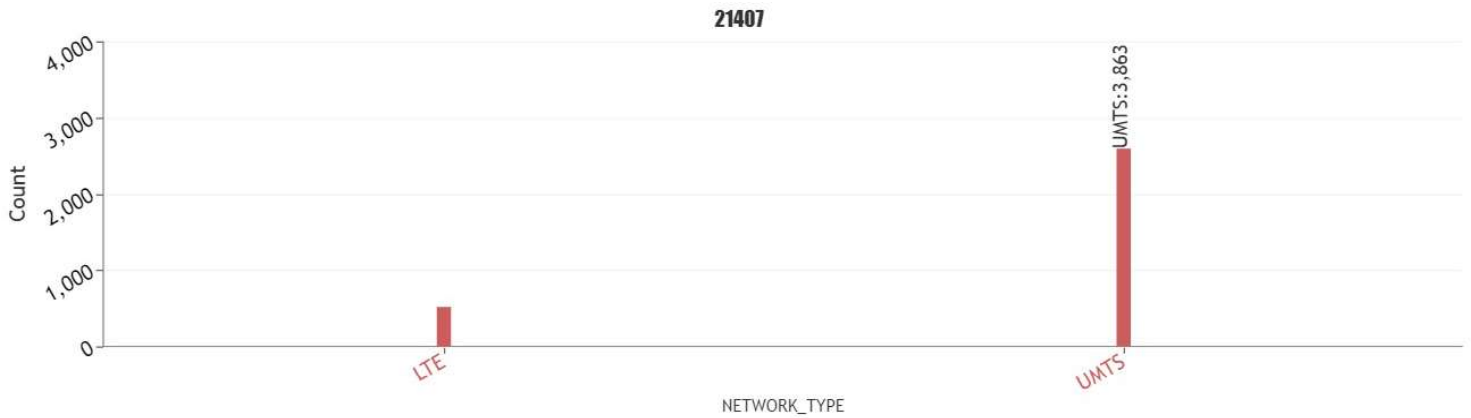
MOVISTAR SERVEI DE VEU, ACCÉS A XARXES DE L'OPERADOR, JUNEDA



RAN technology statistics per mobile network operator for 21407\_Movistar

Network Type	21407
5G	0.0000%
4G	11.8640%
3G	88.1360%
2G	0.0000%
CDMA	0.0000%
NONNETWORK	0.0000%
Total Geo samples	4383

RAN technology distribution chart per mobile network operator for 21407\_Movistar



## RSSI view



RSSI KPI statistics per mobile operator for operator 21407\_Movistar

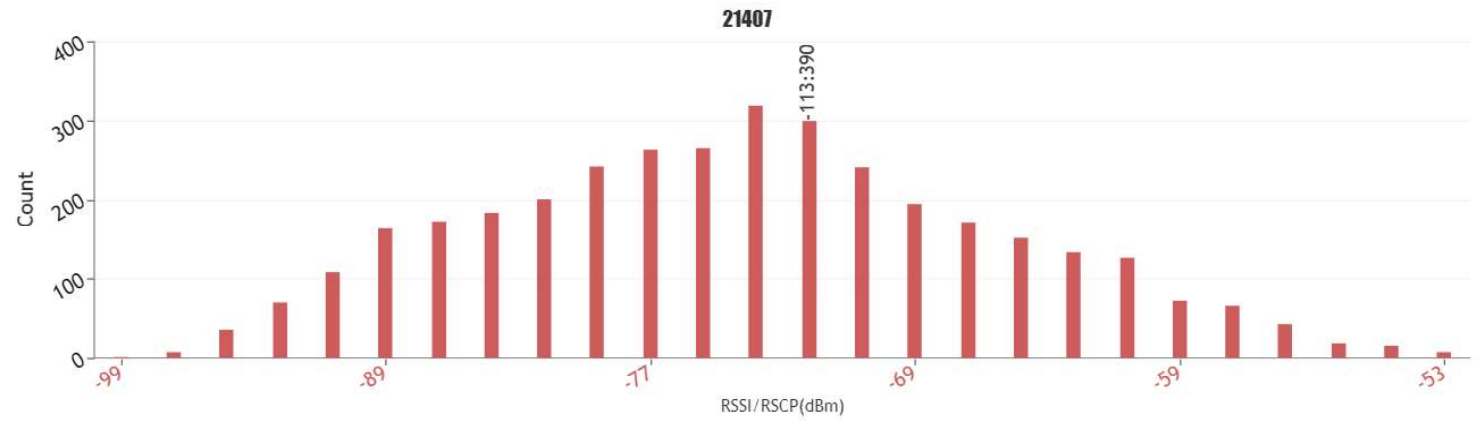
MOVISTAR SERVEI DE VEU, MAPA DE NIVELL DE SENYAL, JUNEDA



RSSI KPI statistics per mobile operator for 21407\_Movistar

Operators	21407
<b>&gt;= -89dBm</b>	83.2608 % (count : 3059)
<b>B/w -99dBm to -90dBm</b>	6.1241 % (count : 225)
<b>B/w -112dBm to -100dBm</b>	0 % (count : 0)
<b>&lt; -113dBm</b>	10.6151 % (count : 390)
Total Geo samples	3674

RSSI distribution chart per mobile operator for 21407\_Movistar



# RantCell User QoE test report



OperatorName	21407_Movistar
Test phone Model/Models	Samsung SM-A226B
Report Generation Time	Mar 28, 2022 9:56:40 AM
Test StartTime	Mar 25, 2022 8:56:55 AM
Test EndTime	Mar 25, 2022 10:19:43 AM
Download Speed Test	Yes

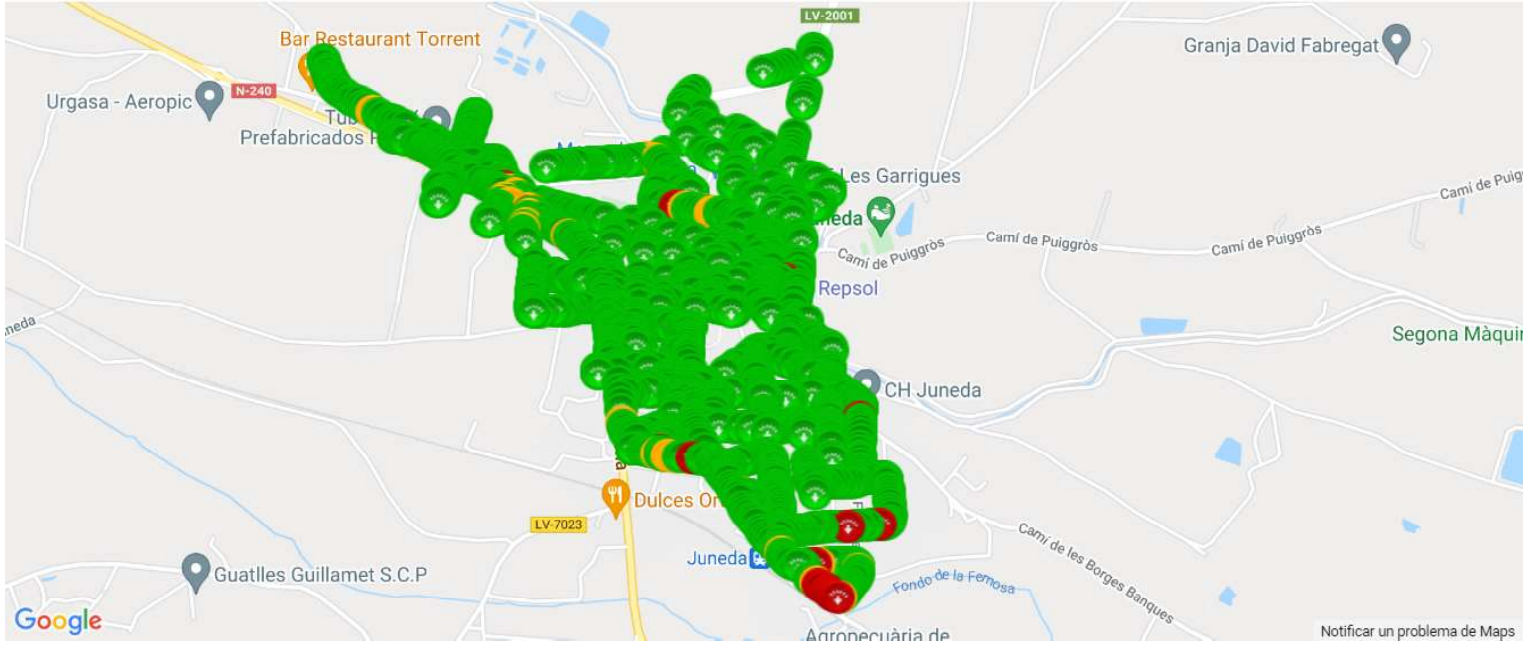


## Download speed test report

Download speed test view for 21407\_Movistar



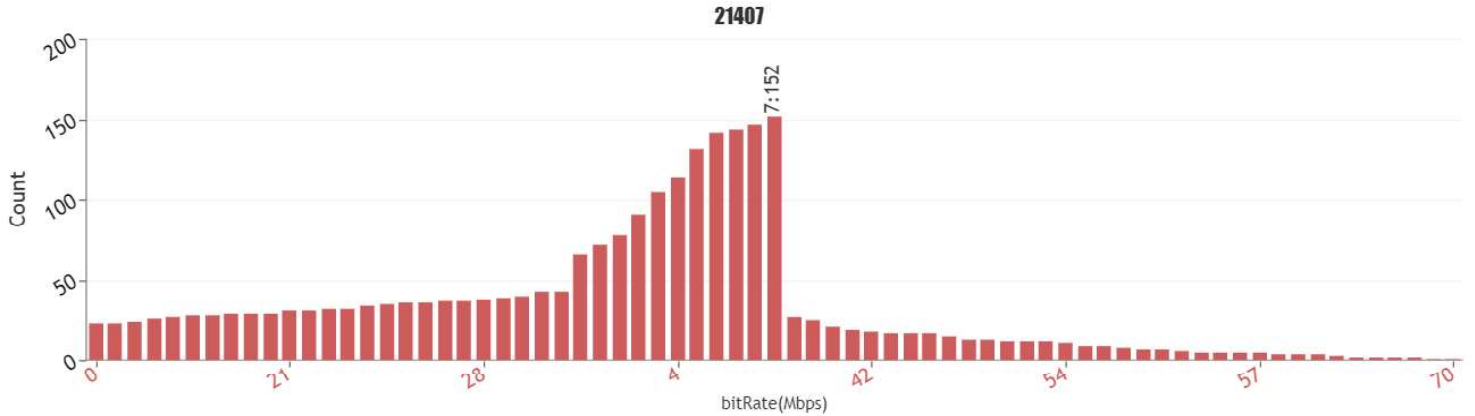
### MOVISTAR SERVEI DE DADES, MAPA DE VELOCITATS DE DESCÀRREGA, JUNEDA



### Download test KPI statistics per mobile operator for 21407\_Movistar

Operators	21407
above 1.2Mbps	97.2837 % (count : 2328)
0.4Mbps - 1.2Mbps	1.8387 % (count : 44)
0Mbps - 0.4Mbps	0.8776 % (count : 21)
Average (mbps)	17.14
Peak Speed (mbps)	78.35
Lowest Recorded (mbps)	0
Total Geo samples	2393

### Download test distribution chart per mobile operators for 21407\_Movistar





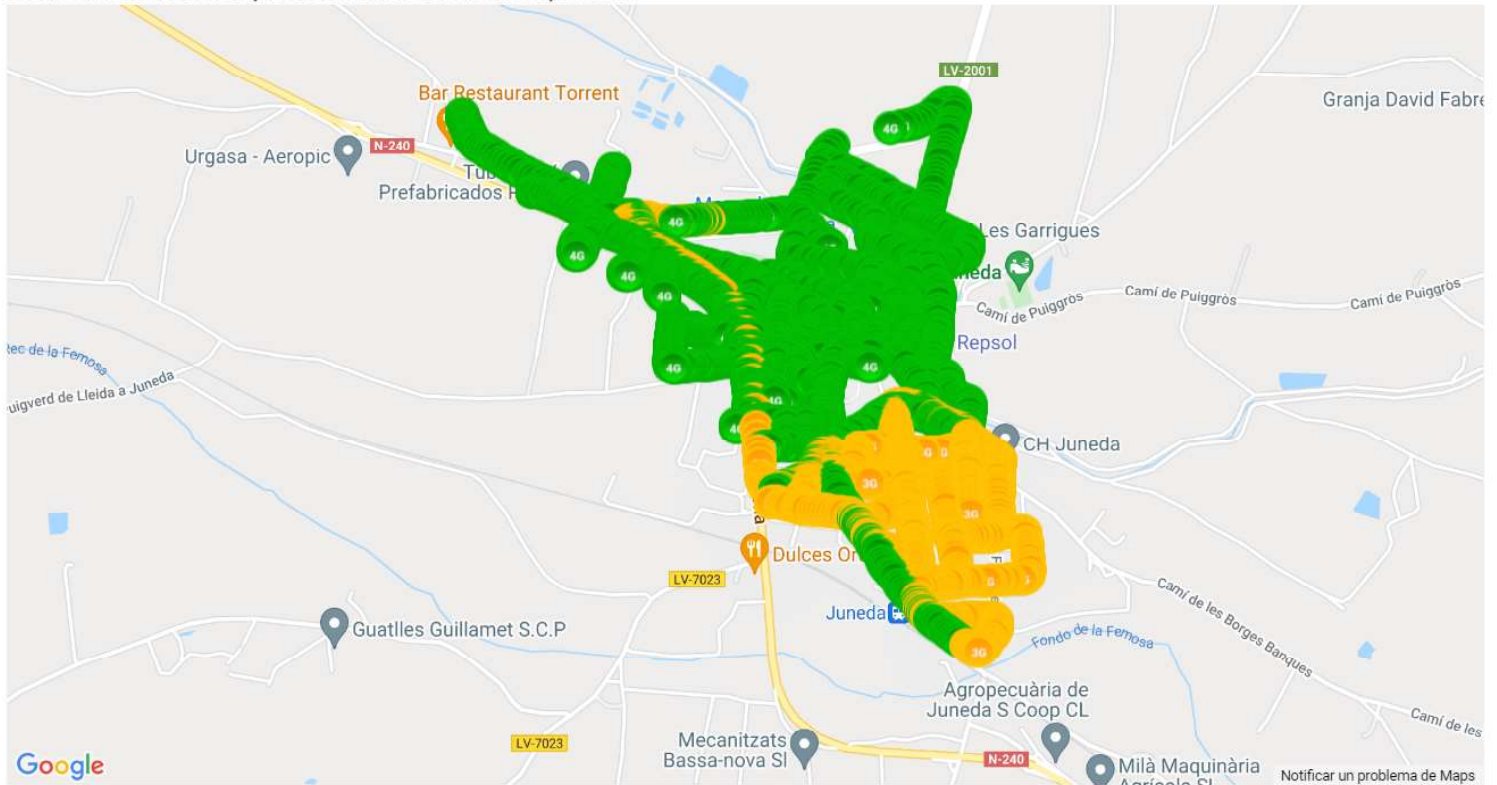
# User perceived mobile network coverage during tests



mobile network coverage during tests for operators 21407\_Movistar



MOVISTAR SERVEI DE DADES, ACCÉS A XARXES DE L'OPERADOR, JUNEDA



RAN technology statistics per mobile network operator for 21407\_Movistar

Network Type	21407
5G	0.0000%
4G	75.9160%
3G	24.0840%
2G	0.0000%
CDMA	0.0000%
NONNETWORK	0.0000%
Total Geo samples	4094

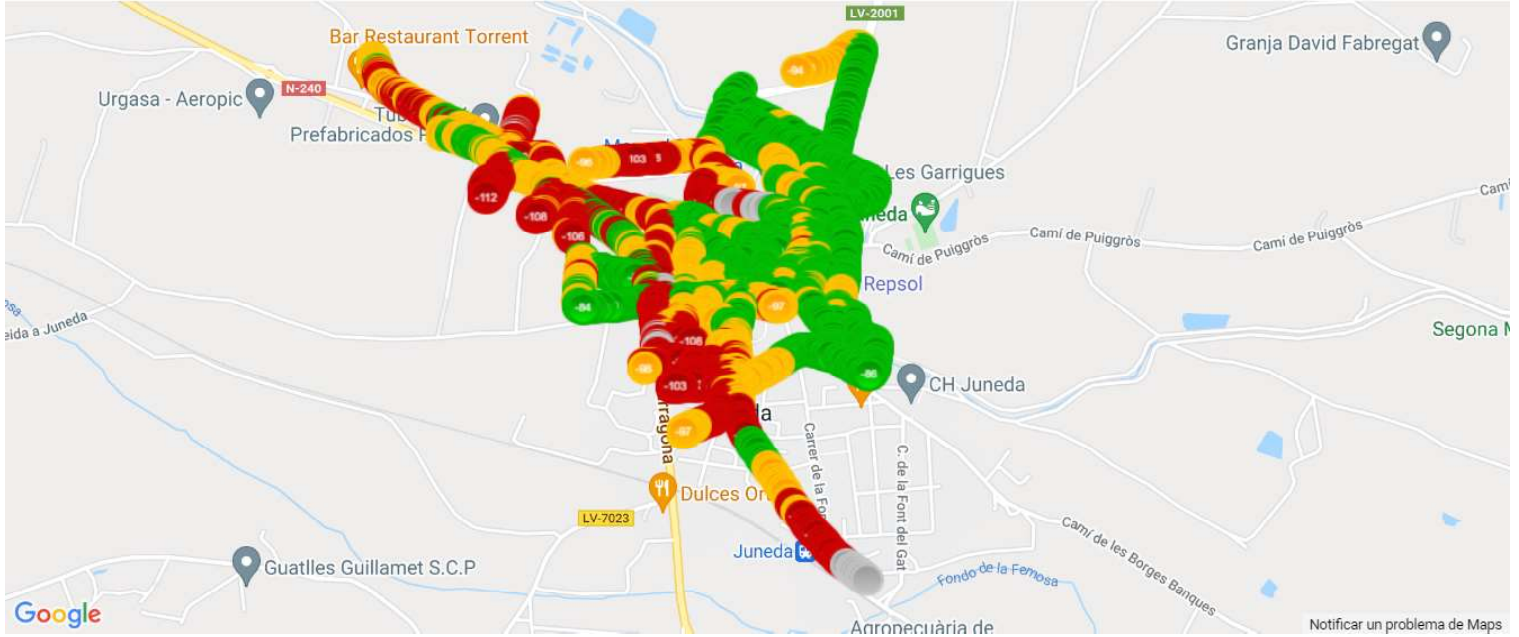
RAN technology distribution chart per mobile network operator for 21407\_Movistar



## RSRP view

RSRP KPI statistics per mobile operator for operator 21407\_Movistar

MOVISTAR SERVEI DE DADES, MAPA DE NIVELL DE SENYAL 4G, JUNEDA



RSRP KPI statistics per mobile operator for 21407\_Movistar

Operators	21407
<b>&gt;= to -89dBm</b>	46.0394 % (count : 1424)
<b>B/w -99dBm to -90dBm</b>	29.3243 % (count : 907)
<b>B/w -112dBm to -100dBm</b>	23.8603 % (count : 738)
<b>&lt;= -113dBm</b>	0.7759 % (count : 24)
Total Geo samples	3093

RSRP distribution chart per mobile operator for 21407\_Movistar



## RSSI view



RSSI KPI statistics per mobile operator for operator 21407\_Movistar

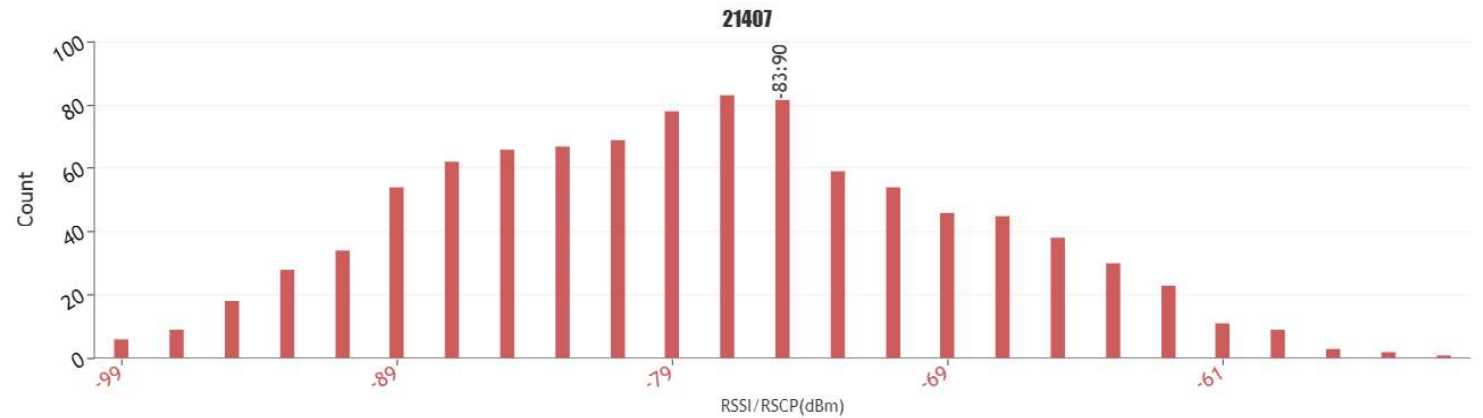
MOVISTAR SERVEI DE DADES, MAPA DE NIVELL DE SENYAL 3G, JUNEDA



RSSI KPI statistics per mobile operator for 21407\_Movistar

Operators	21407
<b>&gt;= -89dBm</b>	83.5533 % (count : 823)
<b>B/w -99dBm to -90dBm</b>	15.4315 % (count : 152)
<b>B/w -112dBm to -100dBm</b>	0.1015 % (count : 1)
<b>&lt; -113dBm</b>	0.9137 % (count : 9)
Total Geo samples	985

RSSI distribution chart per mobile operator for 21407\_Movistar



# RantCell User QoE test report

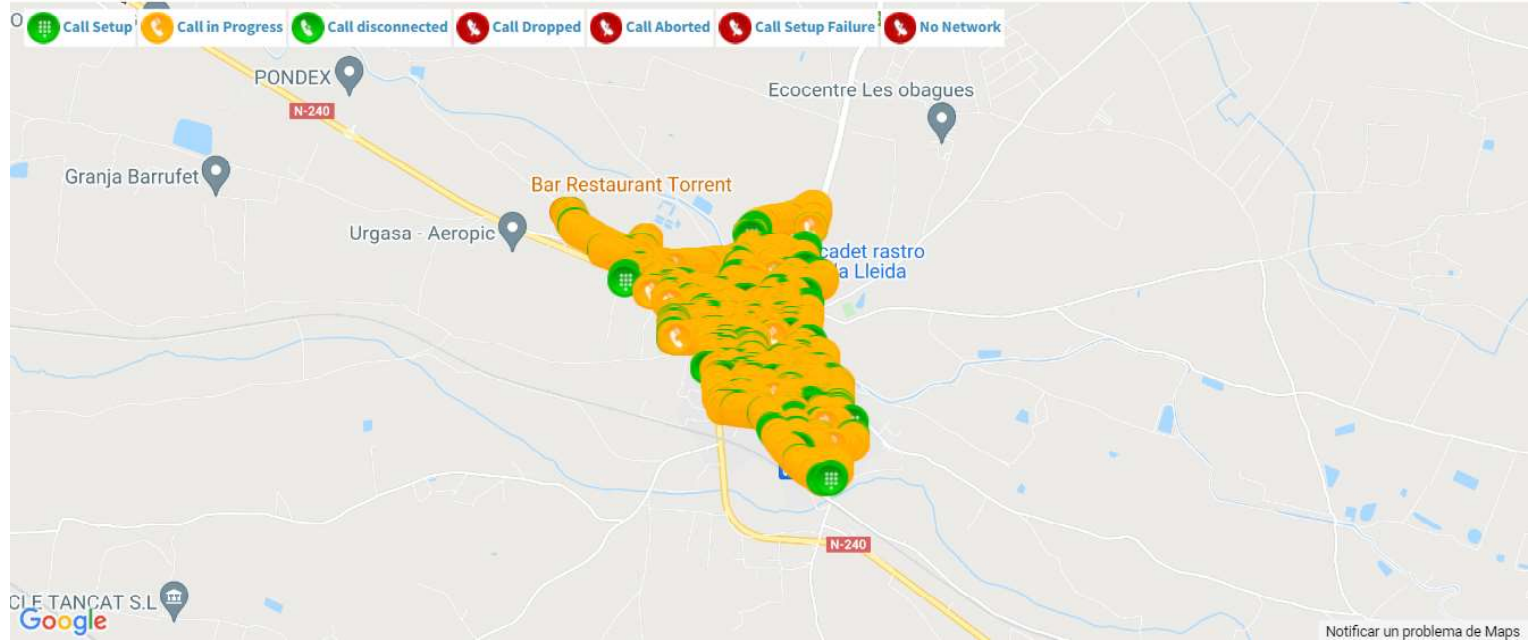


OperatorName	21401_vodafone ES
Test phone Model/Models	Samsung SM-A226B
Report Generation Time	Mar 28, 2022 10:25:56 AM
Test StartTime	Mar 25, 2022 8:56:58 AM
Test EndTime	Mar 25, 2022 10:20:08 AM
Voice Call Test	Yes

## Voice call test report

Call test view of mobile operators for 21401\_vodafone ES

### VODAFONE SERVEI DE VEU, MAPA DE TRUCADES, JUNEDA



Call test KPI statistics per mobile operator for 21401\_vodafone ES

Operators	21401
Total Calls Success	101
Total Calls Attempted	102
Total Calls Failed	1
Dropped Calls	0
Aborted Calls	0
CallSetup Failed	1
No Network <a href="#">?</a>	0
Attempted Voice call on 2G <a href="#">?</a>	0
Attempted Voice call on 3G <a href="#">?</a>	97
Successful CSFB call to 3G <a href="#">?</a>	4
Not Determined(Voice CallType) <a href="#">?</a>	1



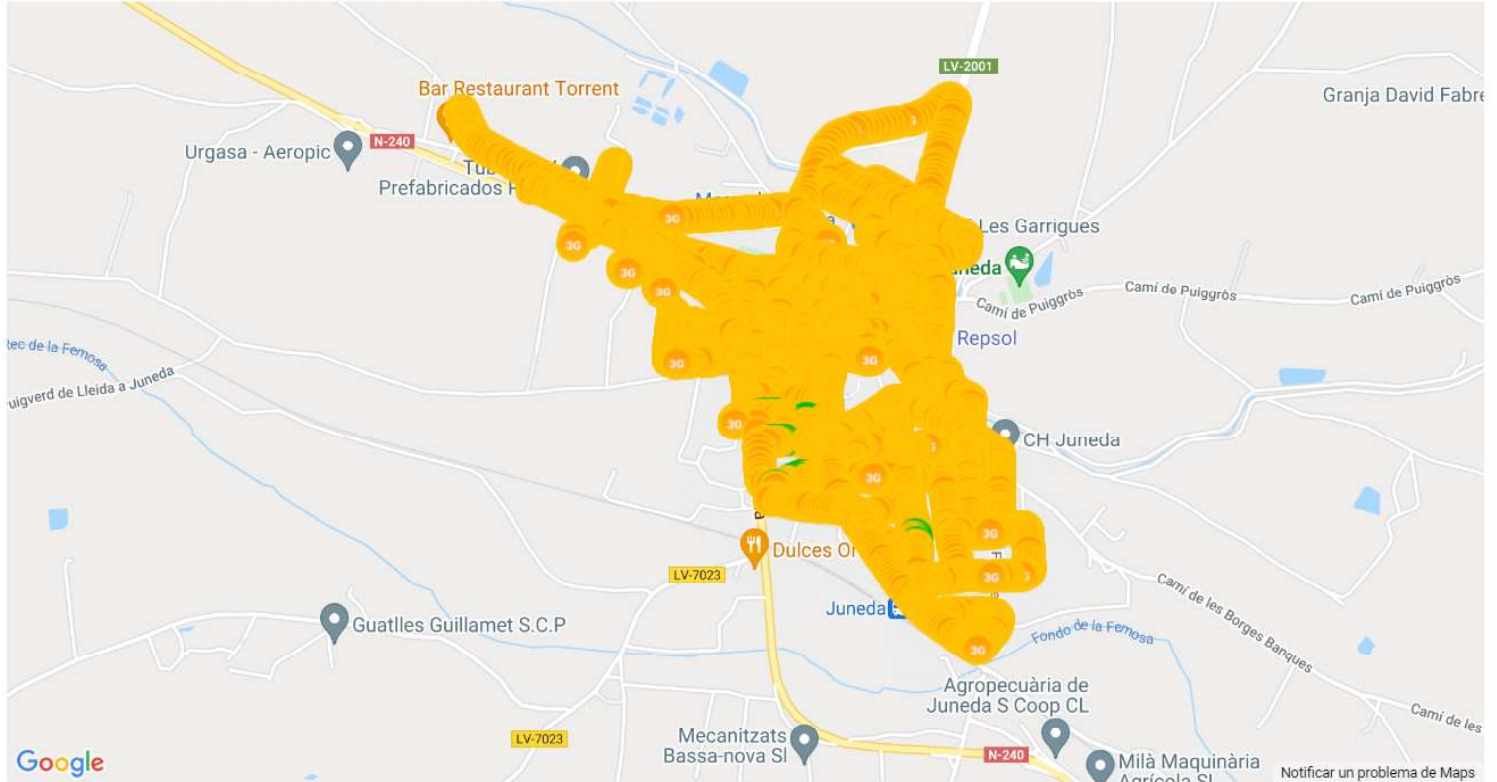
## User perceived mobile network coverage during tests



mobile network coverage during tests for operators 21401\_vodafone ES



VODAFONE SERVEI DE VEU, ACCÉS A XARXES DE L'OPERADOR, JUNEDA



RAN technology statistics per mobile network operator for 21401\_vodafone ES

Network Type	21401
5G	0.0000%
4G	0.7313%
3G	99.2687%
2G	0.0000%
CDMA	0.0000%
NONNETWORK	0.0000%
Total Geo samples	4376

RAN technology distribution chart per mobile network operator for 21401\_vodafone ES

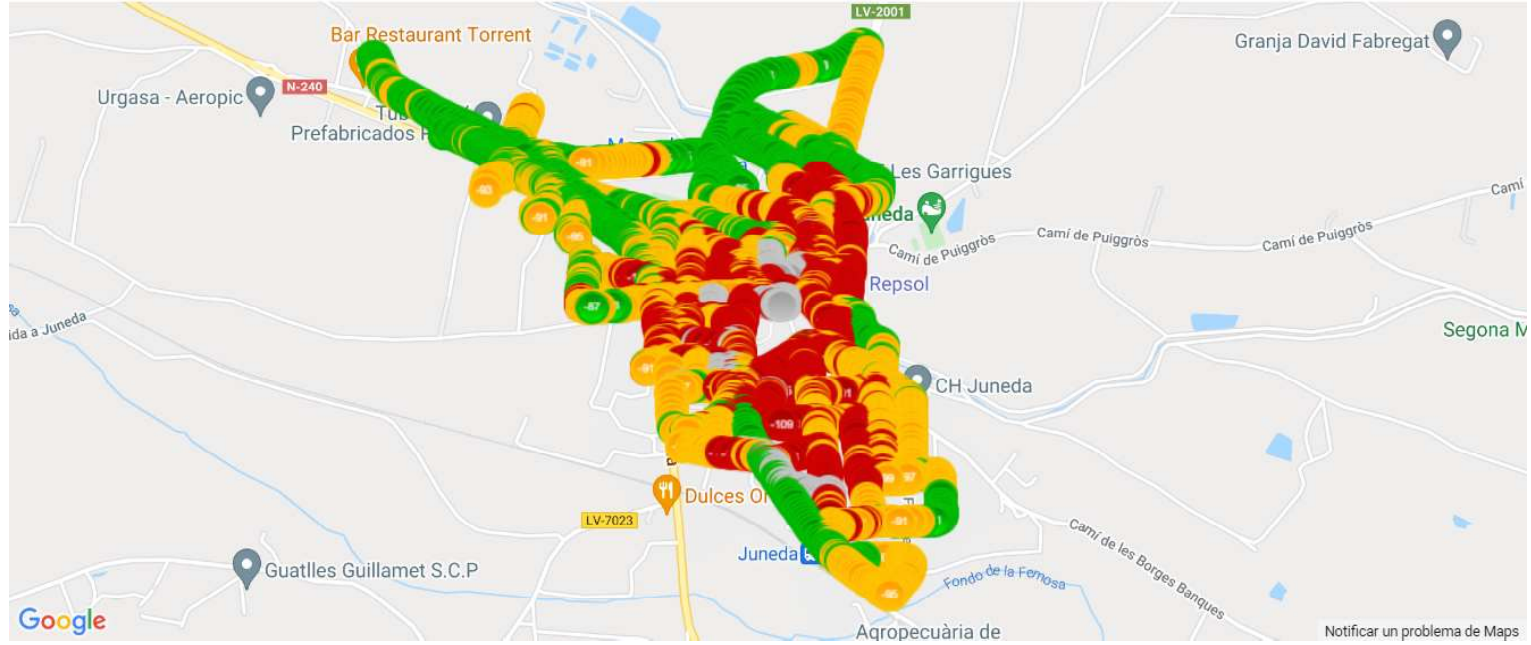


## RSSI view



RSSI KPI statistics per mobile operator for operator 21401\_vodafone ES

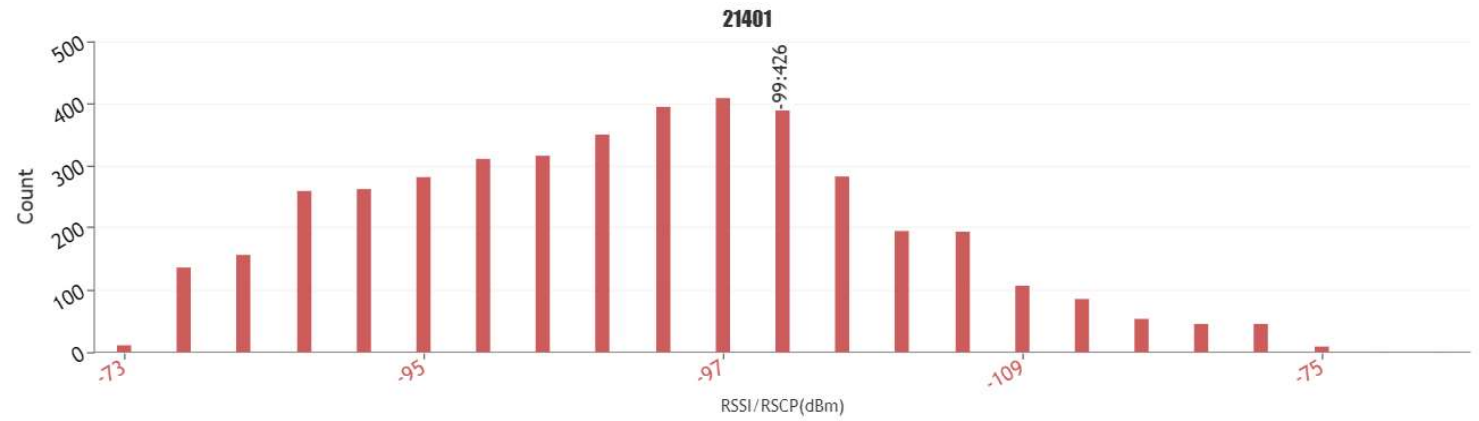
VODAFONE SERVEI DE VEU, MAPA DE NIVELL DE SENYAL, JUNEDA



RSSI KPI statistics per mobile operator for 21401\_vodafone ES

Operators	21401
<b>&gt;= -89dBm</b>	22.6289 % (count : 983)
<b>B/w -99dBm to -90dBm</b>	39.7790 % (count : 1728)
<b>B/w -112dBm to -100dBm</b>	31.5378 % (count : 1370)
<b>&lt;= -113dBm</b>	6.0543 % (count : 263)
Total Geo samples	4344

RSSI distribution chart per mobile operator for 21401\_vodafone ES





# RantCell User QoE test report



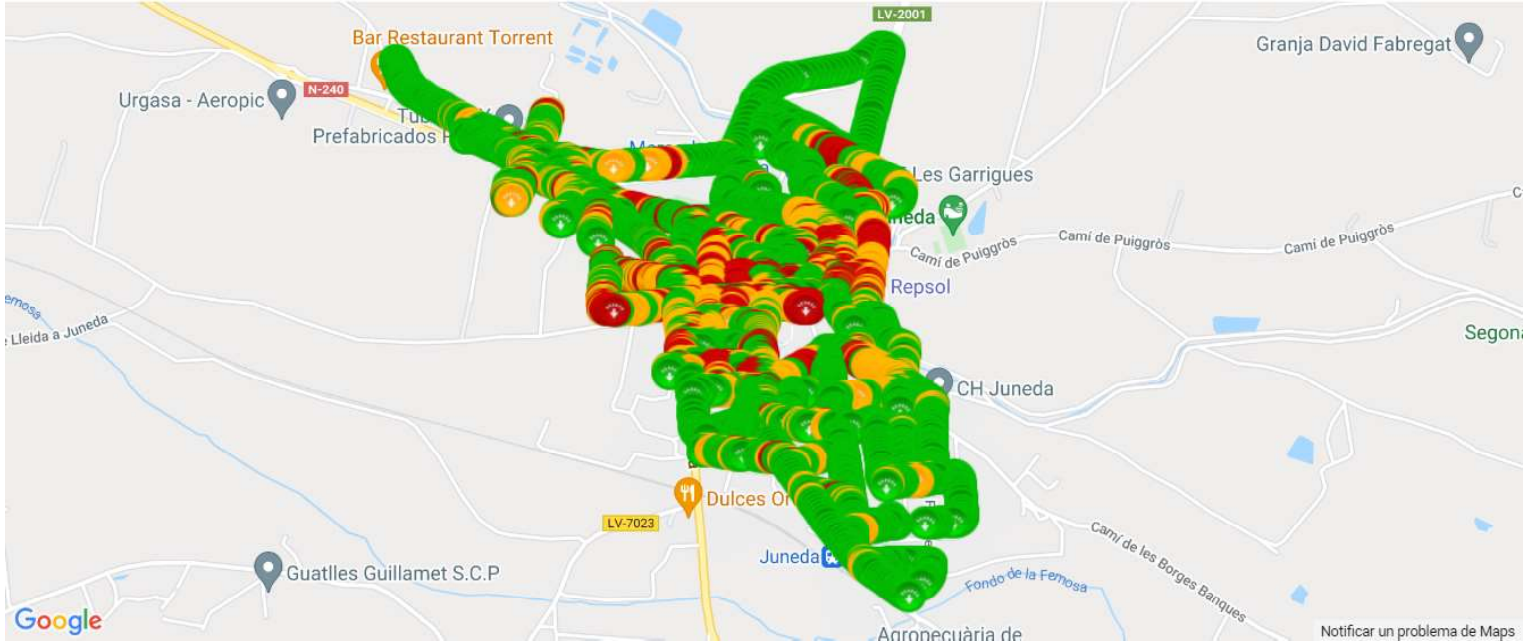
OperatorName	21401_vodafone ES
Test phone Model/Models	Samsung SM-A226B
Report Generation Time	Mar 28, 2022 10:30:40 AM
Test StartTime	Mar 25, 2022 8:56:56 AM
Test EndTime	Mar 25, 2022 10:19:39 AM
Download Speed Test	Yes

## Download speed test report

Download speed test view for 21401\_vodafone ES



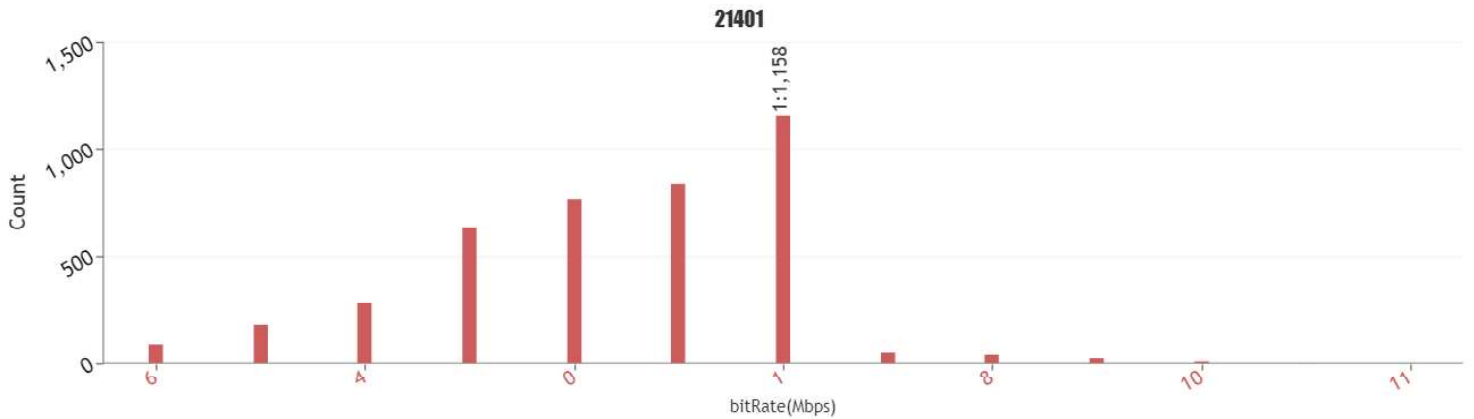
VODAFONE SERVEI DE DADES, MAPA DE VELOCITATS DE DESCÀRREGA, JUNEDA



Download test KPI statistics per mobile operator for 21401\_vodafone ES

Operators	21401
above 1.2Mbps	60.9207 % (count : 2488)
0.4Mbps - 1.2Mbps	23.5553 % (count : 962)
0Mbps - 0.4Mbps	15.5240 % (count : 634)
Average (mbps)	2.05
Peak Speed (mbps)	11.8
Lowest Recorded (mbps)	0
Total Geo samples	4084

Download test distribution chart per mobile operators for 21401\_vodafone ES



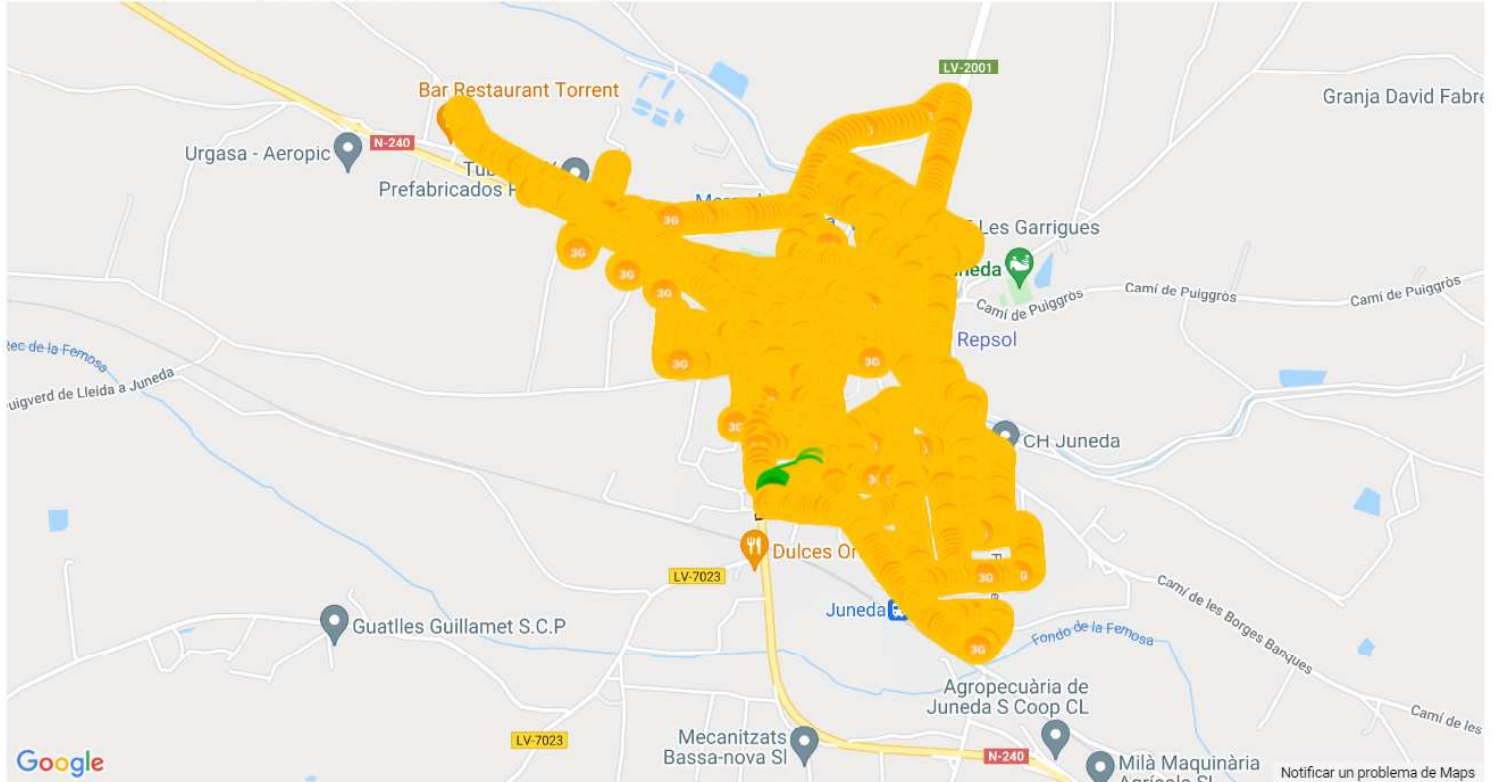
## User perceived mobile network coverage during tests



mobile network coverage during tests for operators 21401\_vodafone ES



VODAFONE SERVEI DE DADES, ACCÉS A XARXES DE L'OPERADOR, JUNEDA



RAN technology statistics per mobile network operator for 21401\_vodafone ES

Network Type	21401
5G	0.0000%
4G	1.1759%
3G	98.8241%
2G	0.0000%
CDMA	0.0000%
NONNETWORK	0.0000%
Total Geo samples	4422

RAN technology distribution chart per mobile network operator for 21401\_vodafone ES

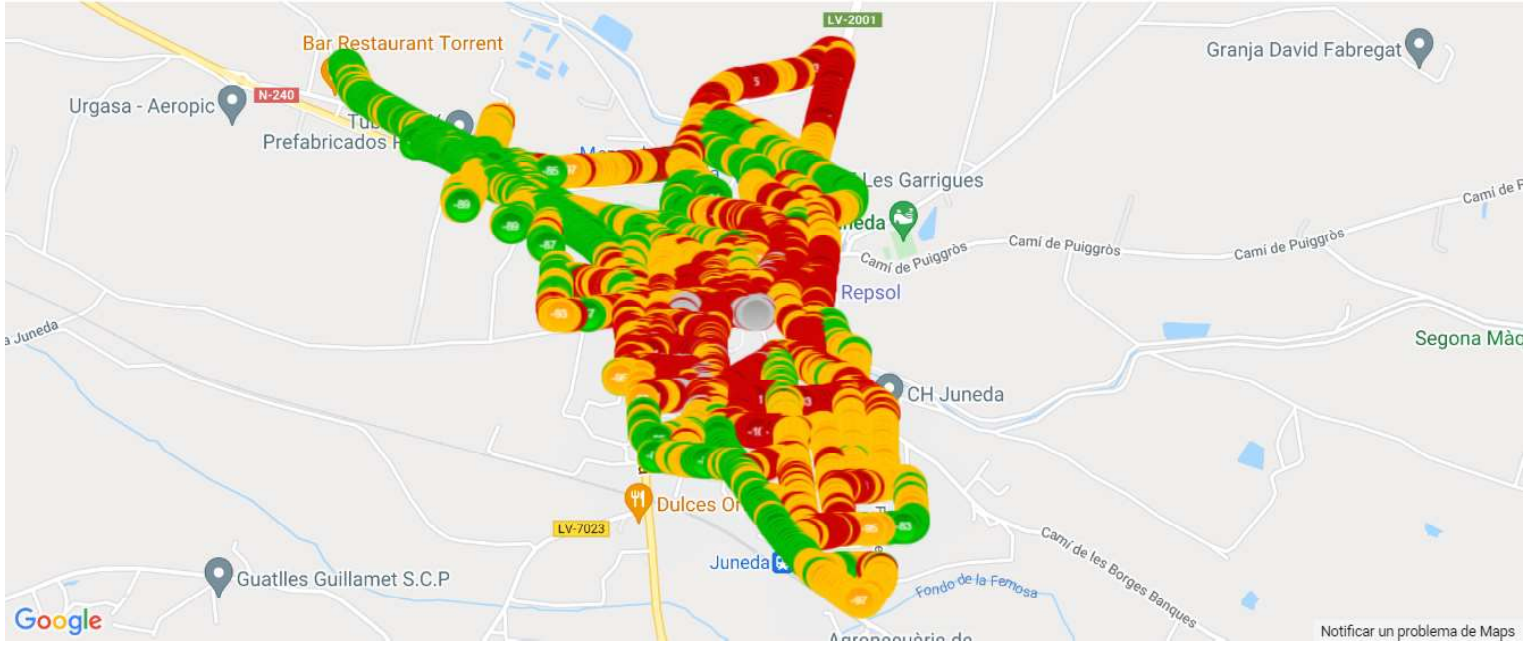


## RSSI view



RSSI KPI statistics per mobile operator for operator 21401\_vodafone ES

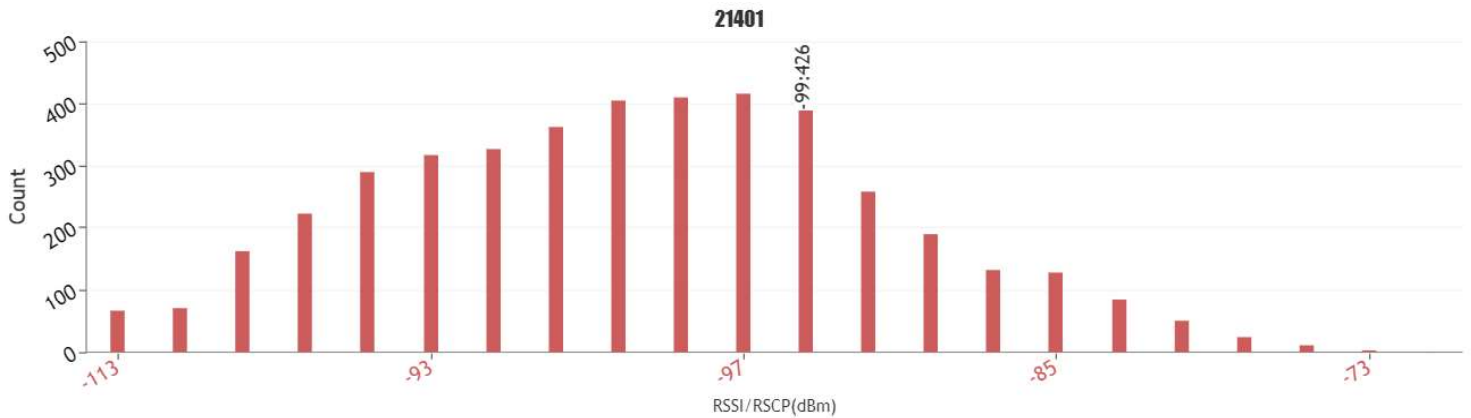
### VODAFONE SERVEI DE DADES, MAPA DE NIVELL DE SENYAL, JUNEDA



RSSI KPI statistics per mobile operator for 21401\_vodafone ES

Operators	21401
<b>&gt;= -89dBm</b>	20.3661 % (count : 890)
<b>B/w -99dBm to -90dBm</b>	41.4645 % (count : 1812)
<b>B/w -112dBm to -100dBm</b>	36.6362 % (count : 1601)
<b>&lt; -113dBm</b>	1.5332 % (count : 67)
Total Geo samples	4370

RSSI distribution chart per mobile operator for 21401\_vodafone ES



# RantCell User QoE test report

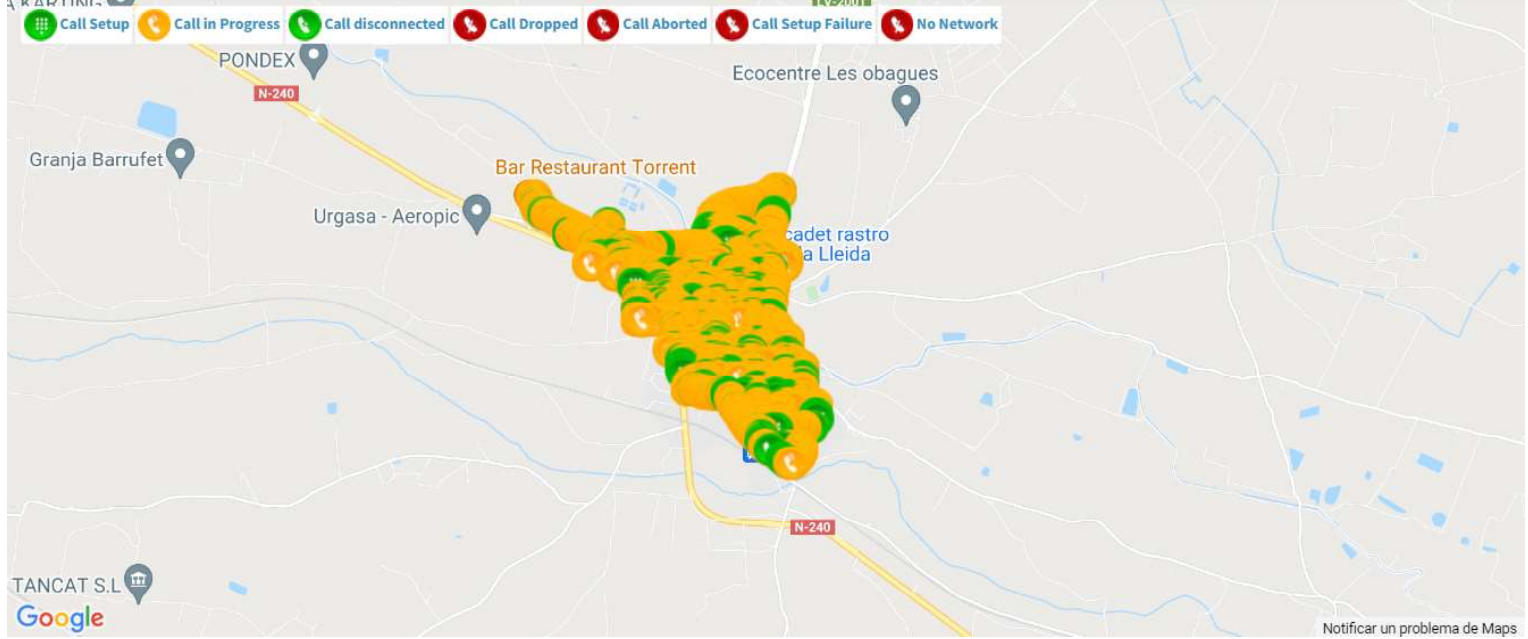


OperatorName	21403_Orange
Test phone Model/Models	Samsung SM-A226B
Report Generation Time	Mar 28, 2022 10:01:30 AM
Test StartTime	Mar 25, 2022 8:57:01 AM
Test EndTime	Mar 25, 2022 10:20:43 AM
Voice Call Test	Yes

## Voice call test report

Call test view of mobile operators for 21403\_Orange

### ORANGE SERVEI DE VEU, MAPA DE TRUCADES, JUNEDA



Call test KPI statistics per mobile operator for 21403\_Orange

Operators	21403
Total Calls Success	104
Total Calls Attempted	105
Total Calls Failed	1
Dropped Calls	0
Aborted Calls	0
CallSetup Failed	1
No Network <a href="#">?</a>	0
Attempted Voice call on 2G <a href="#">?</a>	0
Attempted Voice call on 3G <a href="#">?</a>	43
Successful CSFB call to 3G <a href="#">?</a>	61
Not Determined(Voice CallType) <a href="#">?</a>	1



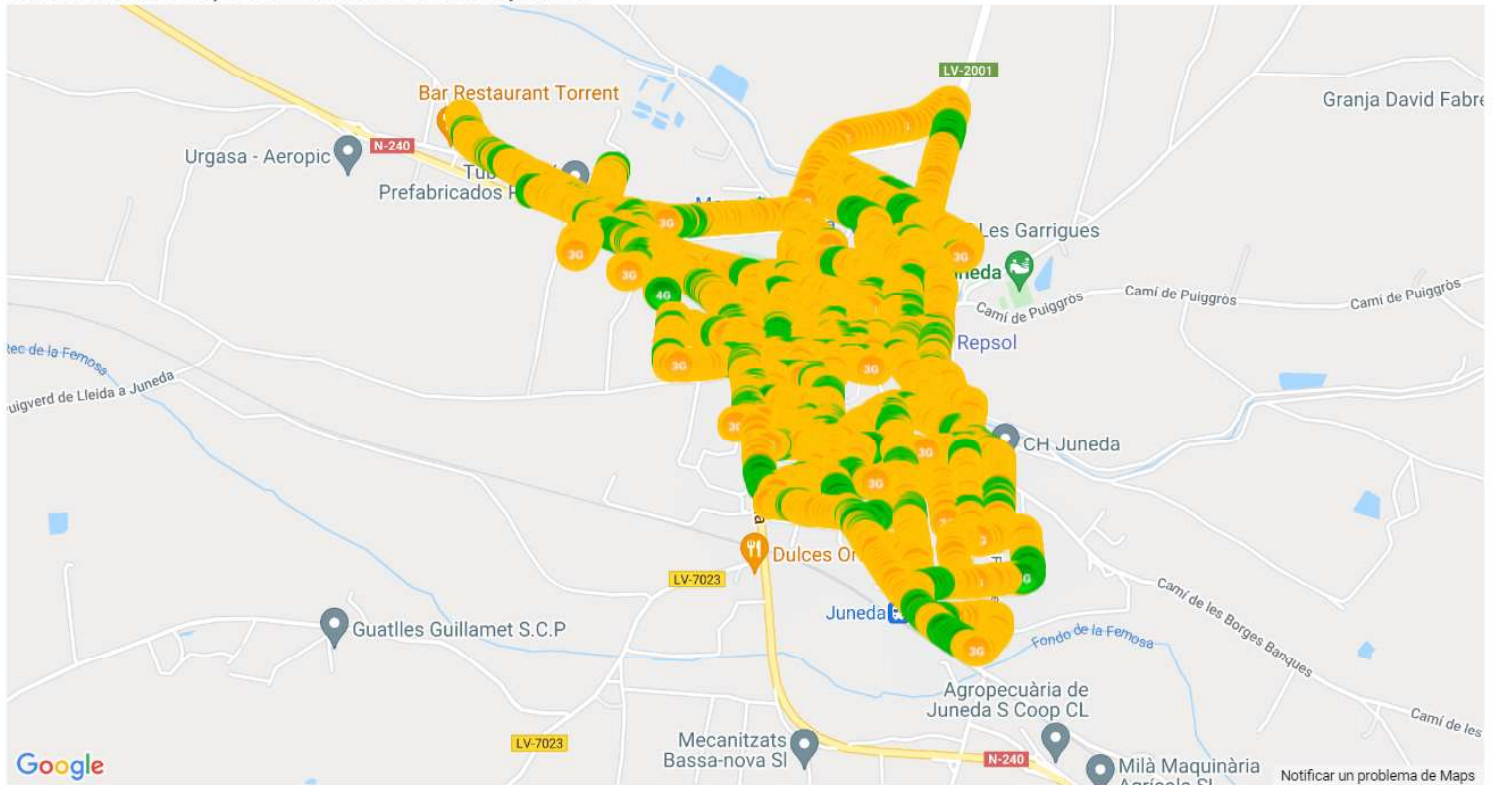
# User perceived mobile network coverage during tests



mobile network coverage during tests for operators 21403\_Orange



ORANGE SERVEI DE VEU, ACCÉS A XARXES DE L'OPERADOR, JUNEDA



RAN technology statistics per mobile network operator for 21403\_Orange

Network Type	21403
5G	0.0000%
4G	13.4637%
3G	86.5363%
2G	0.0000%
CDMA	0.0000%
NONNETWORK	0.0000%
Total Geo samples	4397

RAN technology distribution chart per mobile network operator for 21403\_Orange



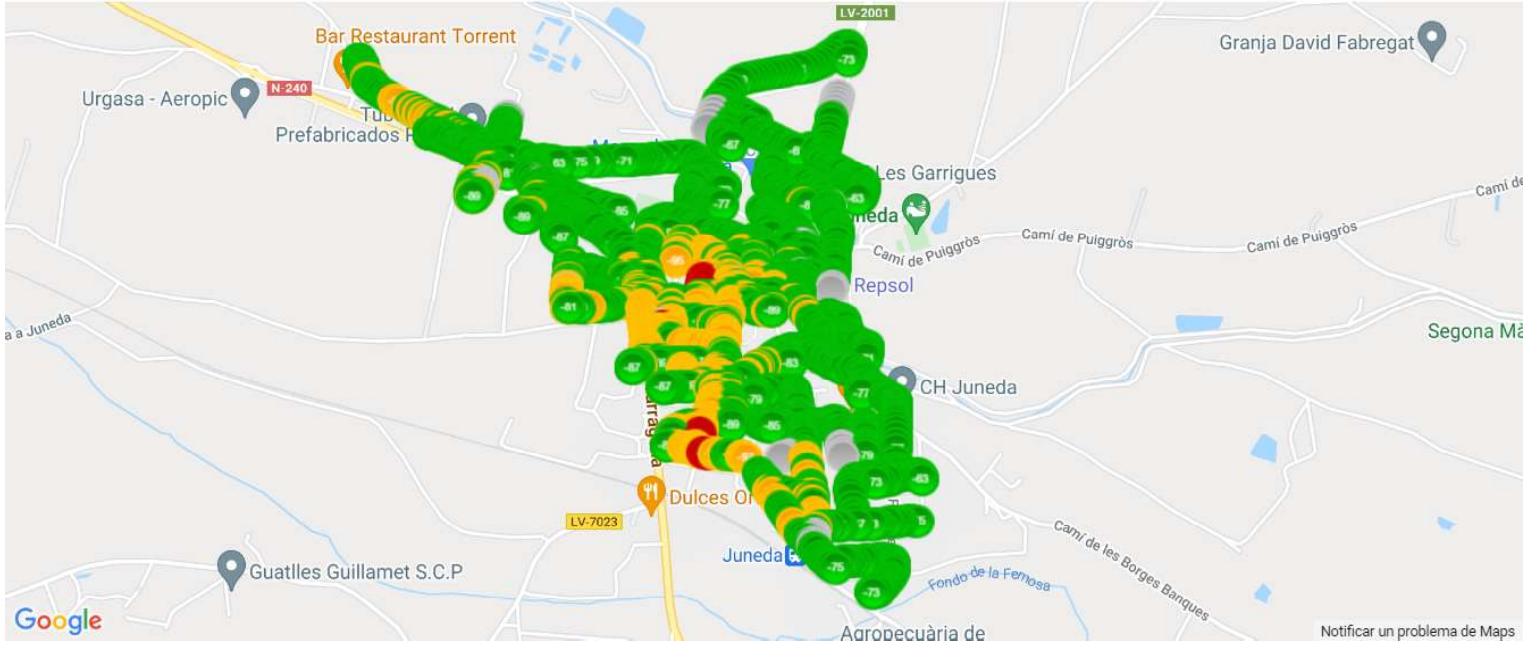


## RSSI view



RSSI KPI statistics per mobile operator for operator 21403\_Orange

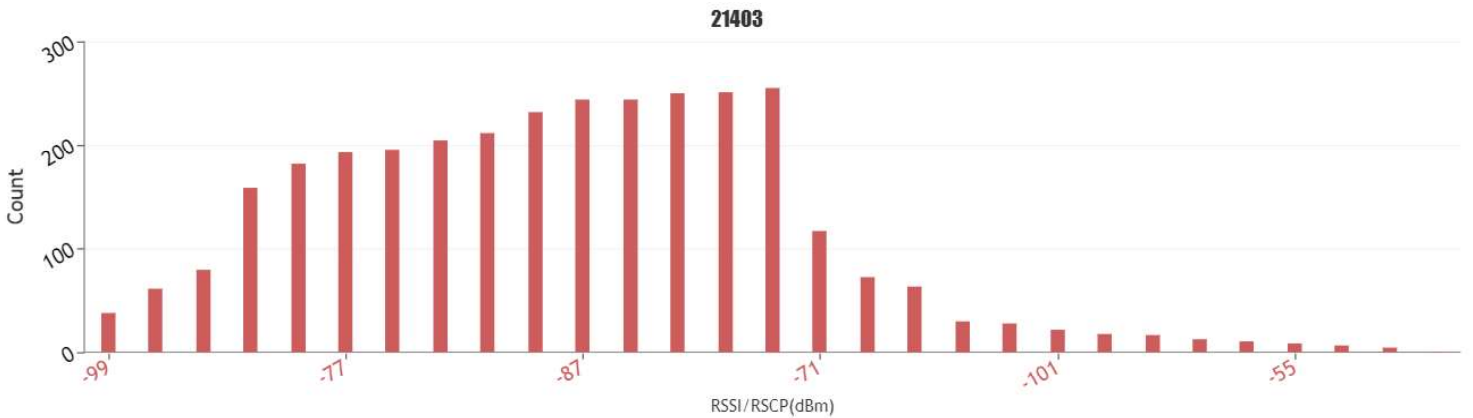
ORANGE SERVEI DE VEU, MAPA DE NIVELL DE SENYAL, JUNEDA



RSSI KPI statistics per mobile operator for 21403\_Orange

Operators	21403
<b>&gt;= -89dBm</b>	74.5183 % (count : 2398)
<b>B/w -99dBm to -90dBm</b>	21.9391 % (count : 706)
<b>B/w -112dBm to -100dBm</b>	1.0566 % (count : 34)
<b>&lt; -113dBm</b>	2.4860 % (count : 80)
Total Geo samples	3218

RSSI distribution chart per mobile operator for 21403\_Orange



# RantCell User QoE test report



OperatorName	21403_Orange
Test phone Model/Models	Samsung SM-A226B
Report Generation Time	Mar 28, 2022 10:05:52 AM
Test StartTime	Mar 25, 2022 8:56:55 AM
Test EndTime	Mar 25, 2022 10:19:47 AM
Download Speed Test	Yes

## Download speed test report

Download speed test view for 21403\_Orange



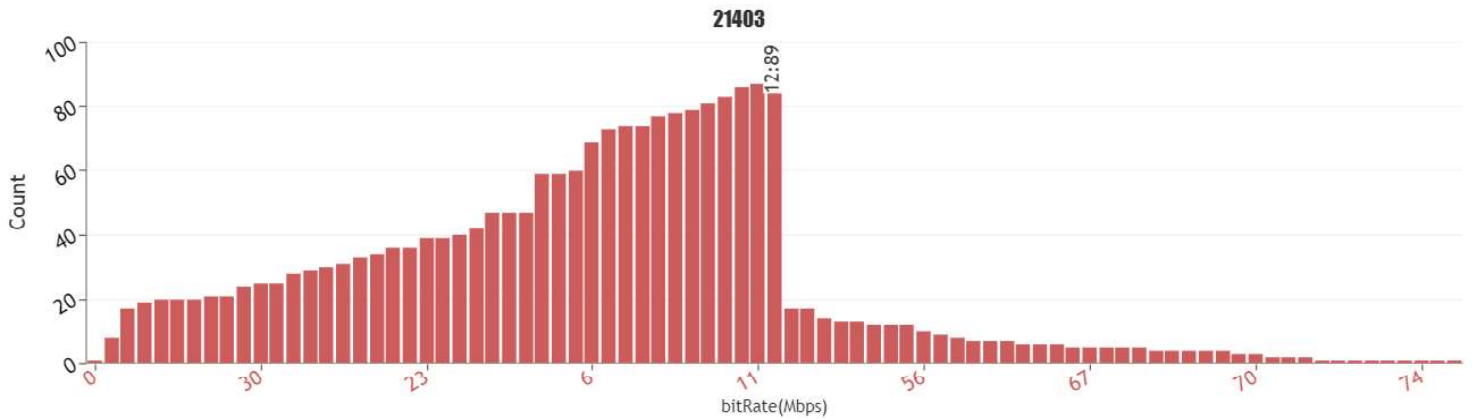
### ORANGE SERVEI DE DADES, MAPA DE VELOCITATS DE DESCÀRREGA, JUNEDA



### Download test KPI statistics per mobile operator for 21403\_Orange

Operators	21403
above 1.2Mbps	99.7673 % (count : 2144)
0.4Mbps - 1.2Mbps	0.1861 % (count : 4)
0Mbps - 0.4Mbps	0.0465 % (count : 1)
Average (mbps)	21.50
Peak Speed (mbps)	82.86
Lowest Recorded (mbps)	0
Total Geo samples	2149

### Download test distribution chart per mobile operators for 21403\_Orange



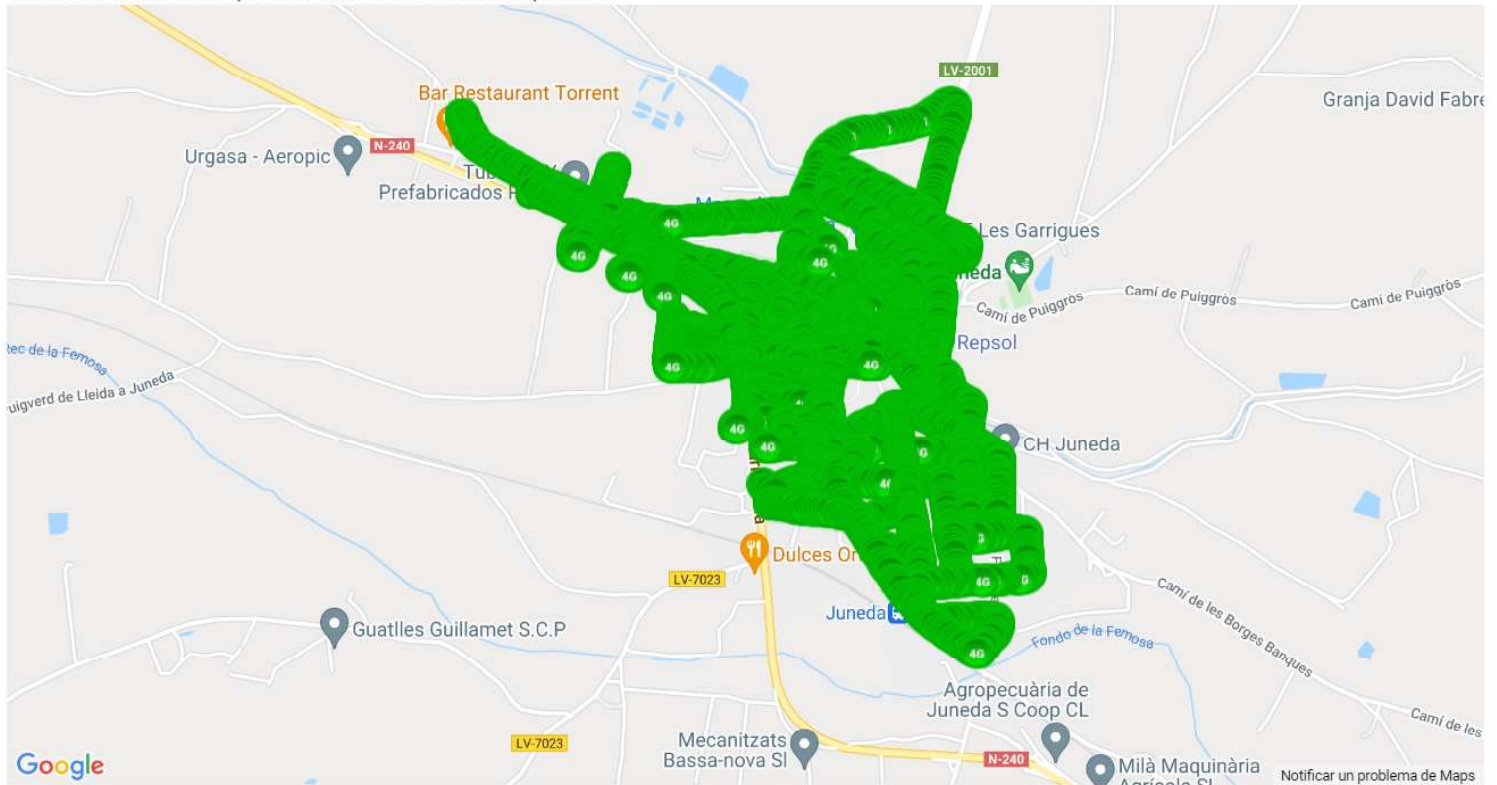
# User perceived mobile network coverage during tests



mobile network coverage during tests for operators 21403\_Orange



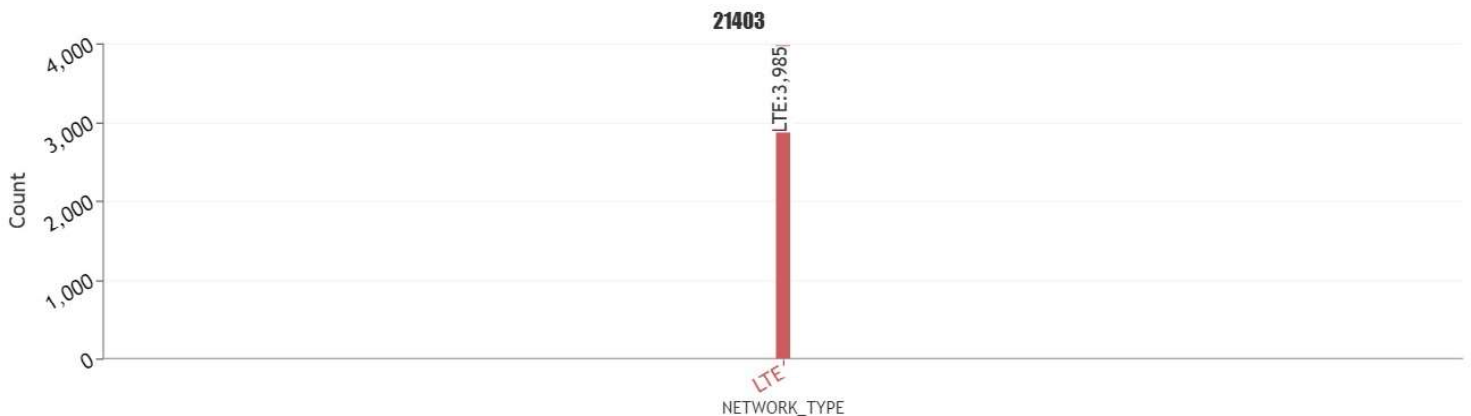
ORANGE SERVEI DE DADES, ACCÉS A XARXES DE L'OPERADOR, JUNEDA



RAN technology statistics per mobile network operator for 21403\_Orange

Network Type	21403
5G	0.0000%
4G	100.0000%
3G	0.0000%
2G	0.0000%
CDMA	0.0000%
NONETWORK	0.0000%
Total Geo samples	3985

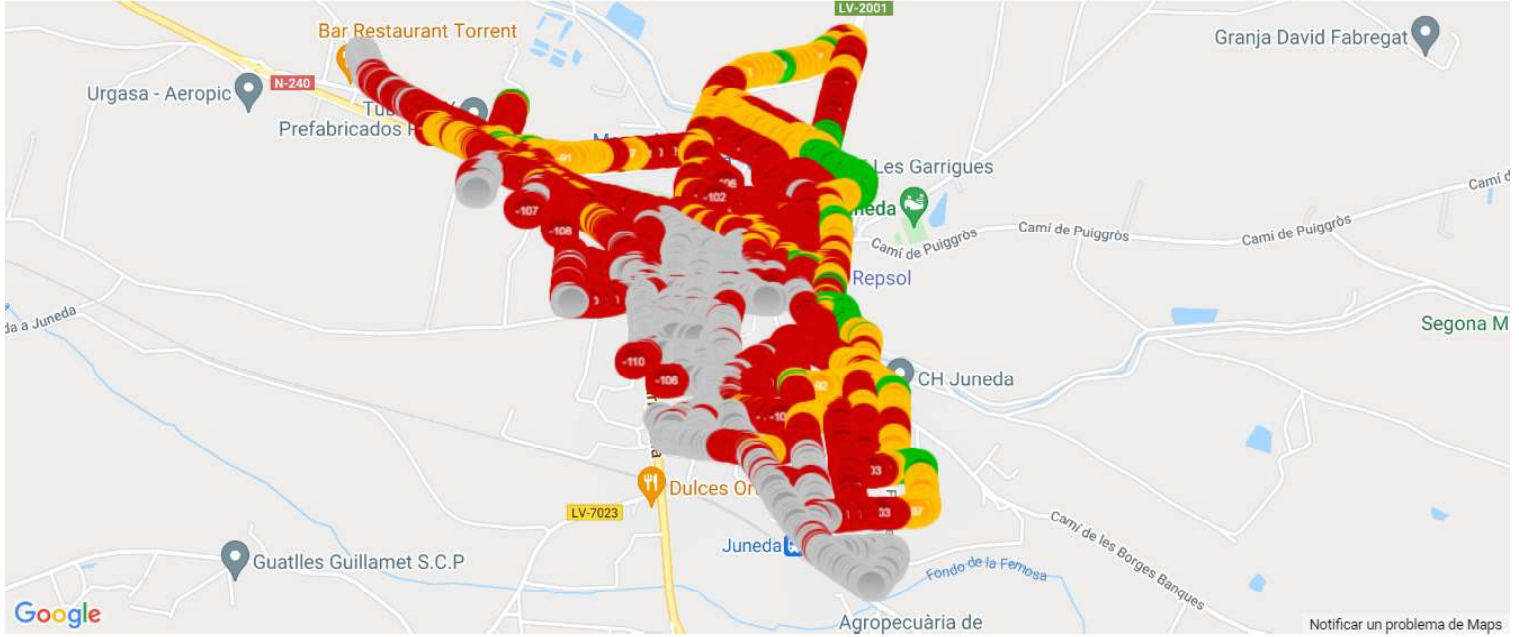
RAN technology distribution chart per mobile network operator for 21403\_Orange



## RSRP view

RSRP KPI statistics per mobile operator for operator 21403\_Orange

ORANGE SERVEI DE DADES, MAPA DE NIVELL DE SENYAL, JUNEDA





## L'ALBAGÉS: RESUM MESURES

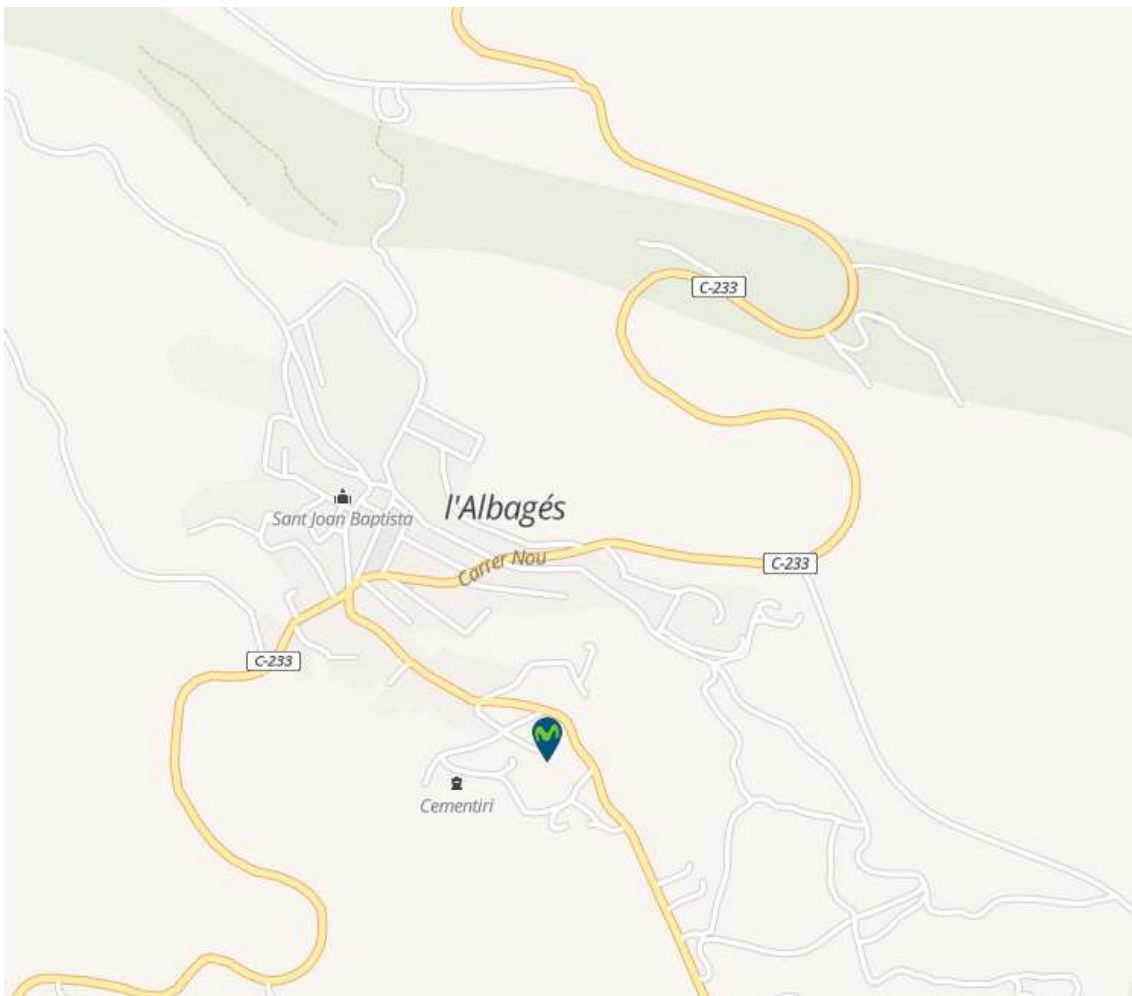
OPERADOR	SERVEI DE VEU	SERVEI DE DADES
MOVISTAR	CORRECTE (3G)	CORRECTE (3G)
VODAFONE	CORRECTE (2G)	CORRECTE (4G)
ORANGE	CORRECTE (3G)	CORRECTE 80% (3G)

Comentaris:

No es troben deficiències significatives de servei de veu o dades de Vodafone i Movistar. Orange té un servei de dades deficient en el 20% del poble (segons percentatge de velocitats inferiors a 1,2 Mbps).

Disposen de fibra de Adamo.

Servei de Movistar i Vodafone en el dipòsit d'aigua. Servei d'Orange provinent de municipis propers.





**TELEFONICA MOVILES ESPAÑA, S.A.U.**

Estación: 2500368  
 Dirección: VP Polígono 4 Parcela 233.  
 ALBAGÉS (L), LLEIDA  
 Posición: 41.446389 lat / 0.741861 lng  
 Elevación: **Sólo PRO**

ID	BANDA	MODOS*
i	935.10 - 949.90	2G
i	935.10 - 949.90	2G

**VODAFONE ESPAÑA, S.A.**

Estación: 103314  
 Dirección: ZN POLIGONO 4 PARCELA 233.  
 ALBAGÉS (L), LLEIDA  
 Posición: 41.446389 lat / 0.741861 lng  
 Elevación: **Sólo PRO**

ID	BANDA	MODOS*
i	949.90 - 959.90	2G 3G
i	949.90 - 959.90	2G 3G



**ORANGE ESPAGNE, S.A.U.**

Estación: CATR5660A  
 Dirección: ZN Polígono 14 Parcela 255.  
 CASTELLDANS, LLEIDA  
 Posición: 41.498553 lat / 0.761914 lng  
 Elevación: **Sólo PRO**

ID	BANDA	MODOS*
i	832.00 - 842.00	4G
i	925.10 - 935.10	2G 3G
i	925.10 - 935.10	2G 3G



# RantCell User QoE test report



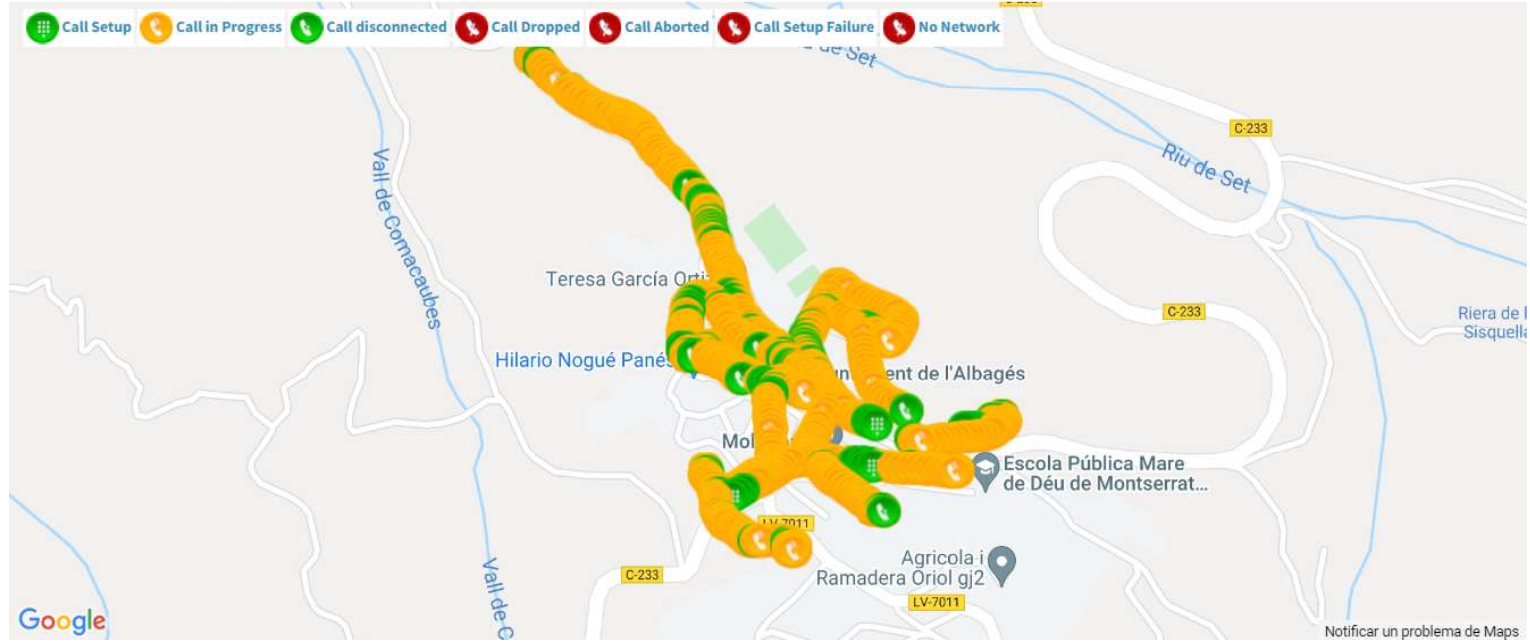
OperatorName	21407_Movistar
Test phone Model/Models	Samsung SM-A226B
Report Generation Time	Mar 17, 2022 1:17:56 PM
Test StartTime	Mar 16, 2022 10:08:01 AM
Test EndTime	Mar 16, 2022 10:31:32 AM
Voice Call Test	Yes

## Voice call test report

Call test view of mobile operators for 21407\_Movistar



### MOVISTAR SERVEI DE VEU, MAPA DE TRUCADES, L'ALBAGÉS



Call test KPI statistics per mobile operator for 21407\_Movistar

Operators	21407
Total Calls Success	29
Total Calls Attempted	30
Total Calls Failed	1
Dropped Calls	1
Aborted Calls	0
CallSetup Failed	0
No Network <a href="#">?</a>	0
Attempted Voice call on 2G <a href="#">?</a>	0
Attempted Voice call on 3G <a href="#">?</a>	29

# User perceived mobile network coverage during tests



mobile network coverage during tests for operators 21407\_Movistar



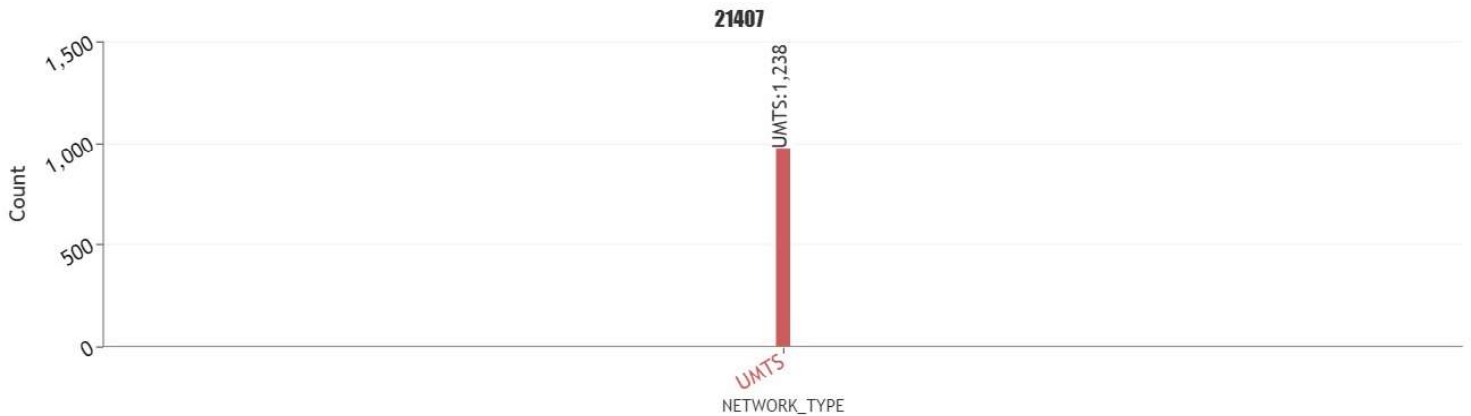
MOVISTAR SERVEI DE VEU, ACCÉS A XARXES DE L'OPERADOR, L'ALBAGÉS



RAN technology statistics per mobile network operator for 21407\_Movistar

Network Type	21407
5G	0.0000%
4G	0.0000%
3G	100.0000%
2G	0.0000%
CDMA	0.0000%
NONNETWORK	0.0000%
Total Geo samples	1238

RAN technology distribution chart per mobile network operator for 21407\_Movistar

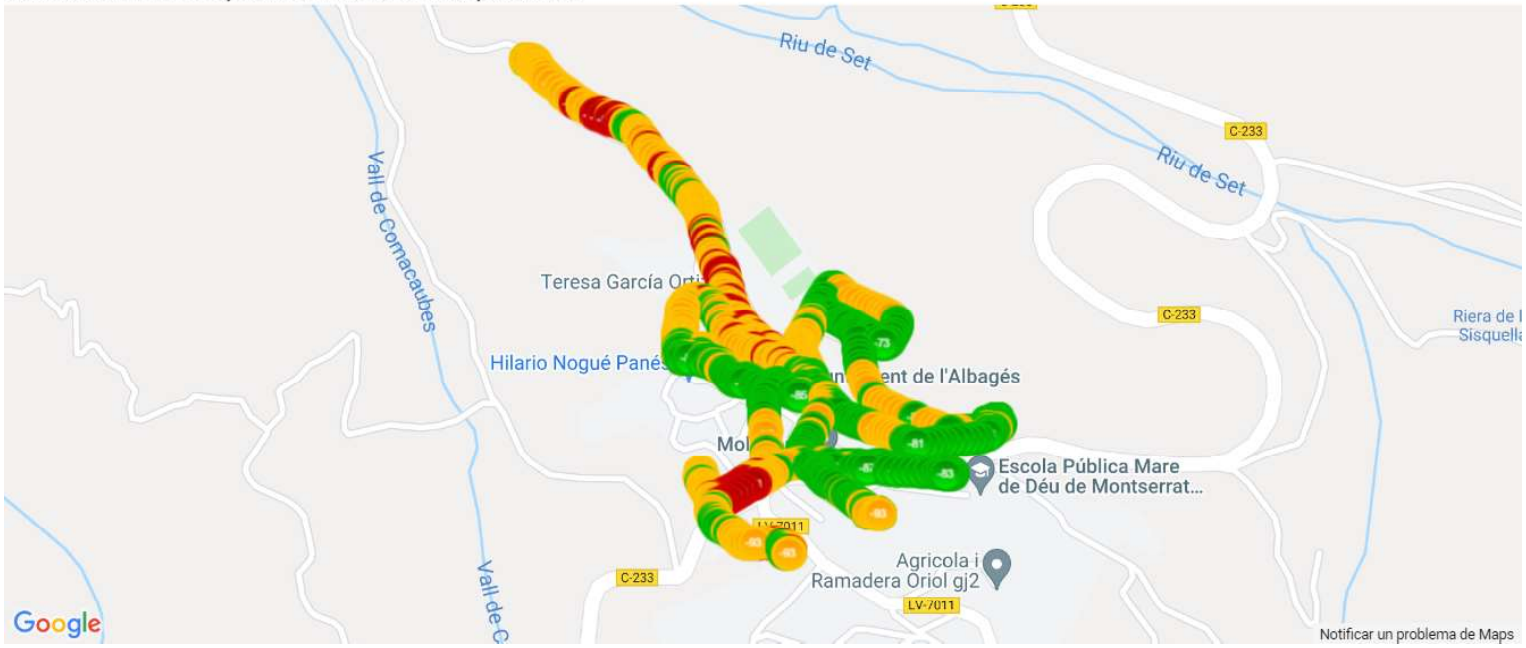


# RSSI view



RSSI KPI statistics per mobile operator for operator 21407\_Movistar

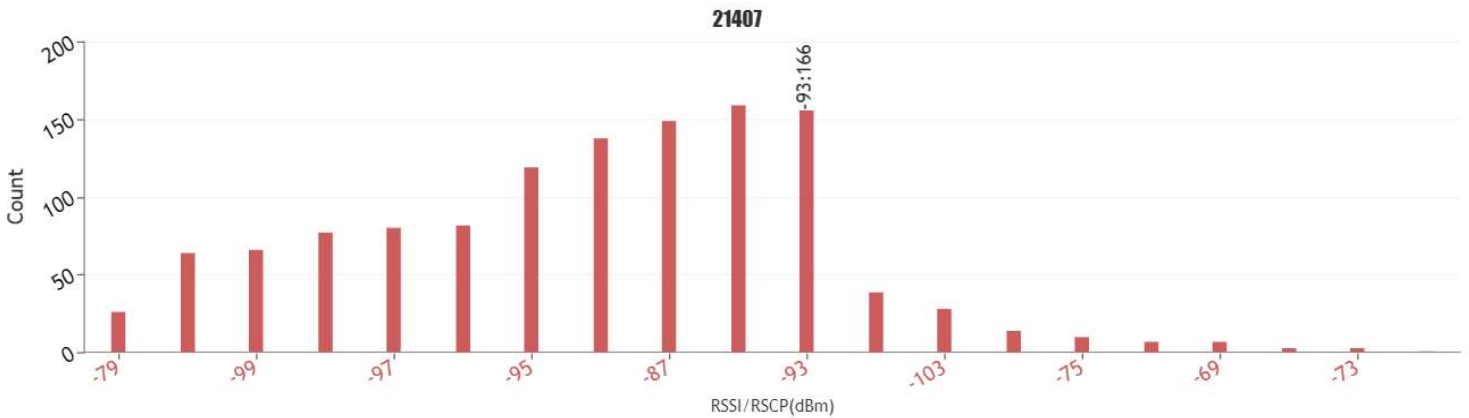
MOVISTAR SERVEI DE VEU, MAPA DE NIVELL DE SENYAL, L'ALBAGÉS



RSSI KPI statistics per mobile operator for 21407\_Movistar

Operators	21407
<b>&gt;= -89dBm</b>	46.6074 % (count : 577)
<b>B/w -99dBm to -90dBm</b>	47.6575 % (count : 590)
<b>B/w -112dBm to -100dBm</b>	5.7351 % (count : 71)
<b>&lt; -113dBm</b>	0 % (count : 0)
Total Geo samples	1238

RSSI distribution chart per mobile operator for 21407\_Movistar



# RantCell User QoE test report



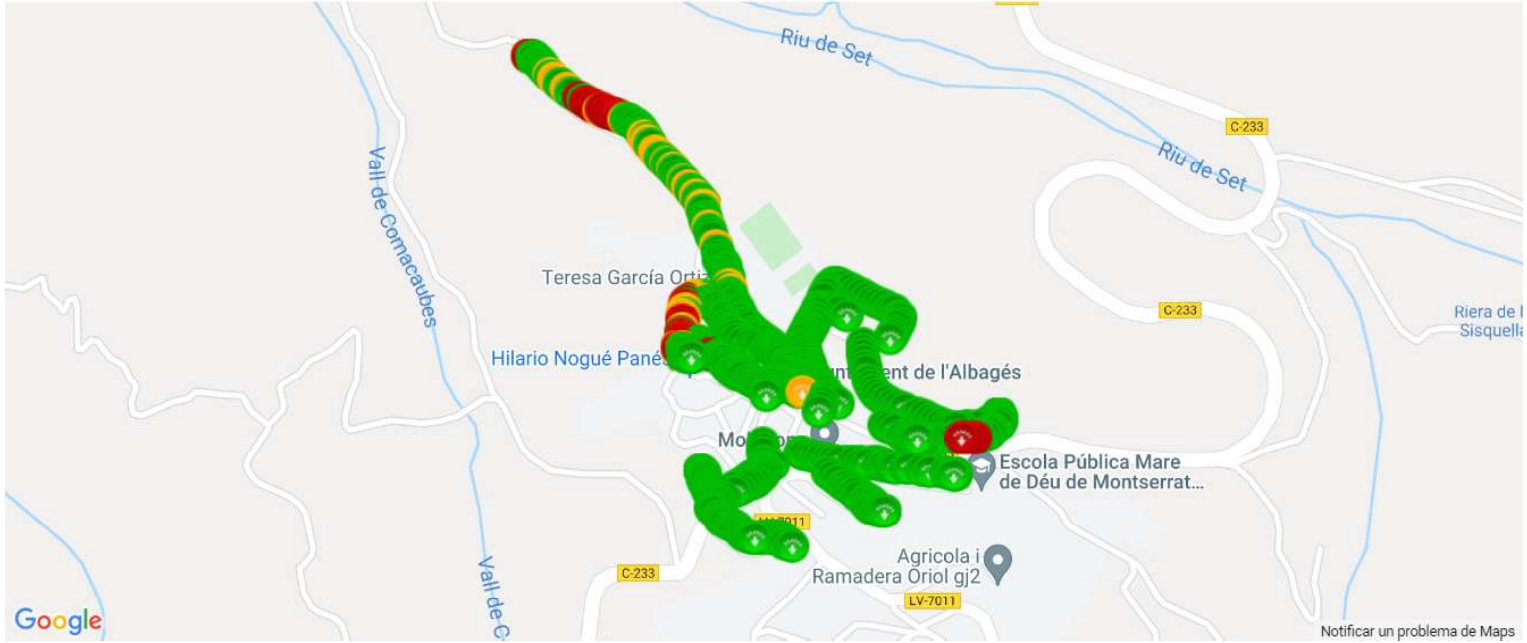
OperatorName	21407_Movistar
Test phone Model/Models	Samsung SM-A226B
Report Generation Time	Mar 17, 2022 1:21:18 PM
Test StartTime	Mar 16, 2022 10:08:45 AM
Test EndTime	Mar 16, 2022 10:31:34 AM
Download Speed Test	Yes

# Download speed test report

Download speed test view for 21407\_Movistar



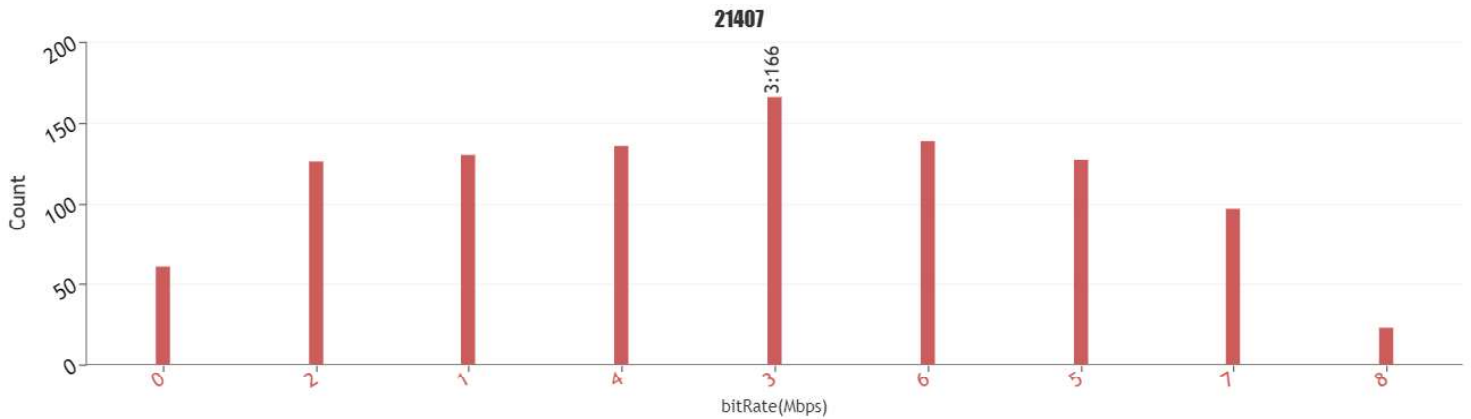
MOVISTAR SERVEI DE DADES, MAPA DE VELOCITATS DE DESCÀRREGA, L'ALBAGÉS



Download test KPI statistics per mobile operator for 21407\_Movistar

Operators	21407
above 1.2Mbps	85.1741 % (count : 856)
0.4Mbps - 1.2Mbps	9.2537 % (count : 93)
0Mbps - 0.4Mbps	5.5721 % (count : 56)
Average (mbps)	3.73
Peak Speed (mbps)	8.32
Lowest Recorded (mbps)	0
Total Geo samples	1005

Download test distribution chart per mobile operators for 21407\_Movistar





# User perceived mobile network coverage during tests



mobile network coverage during tests for operators 21407\_Movistar



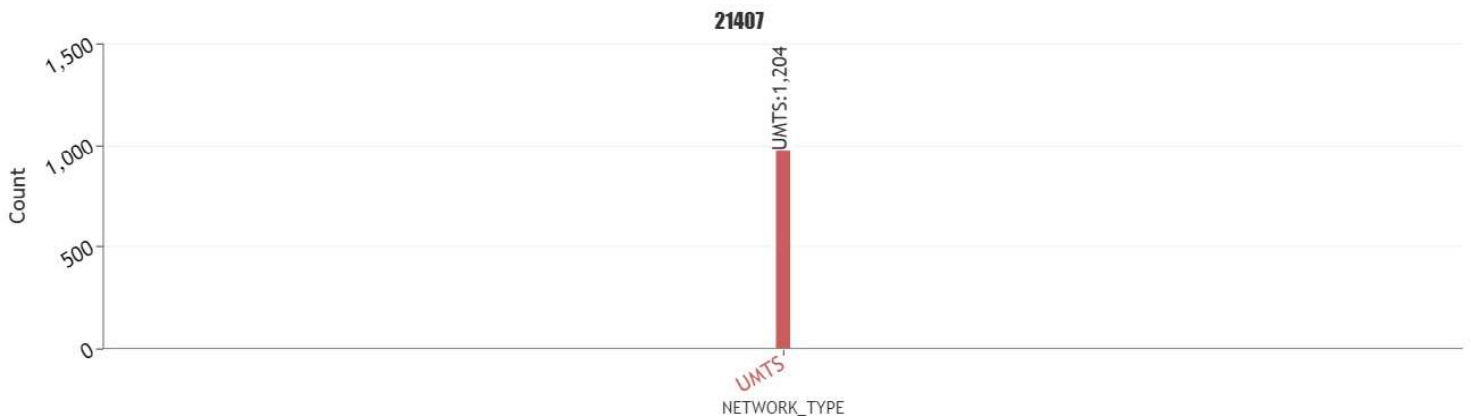
MOVISTAR SERVEI DE DADES, ACCÉS A XARXES DE L'OPERADOR, L'ALBAGÉS



## RAN technology statistics per mobile network operator for 21407\_Movistar

Network Type	21407
5G	0.0000%
4G	0.0000%
3G	100.0000%
2G	0.0000%
CDMA	0.0000%
NONNETWORK	0.0000%
Total Geo samples	1204

## RAN technology distribution chart per mobile network operator for 21407\_Movistar

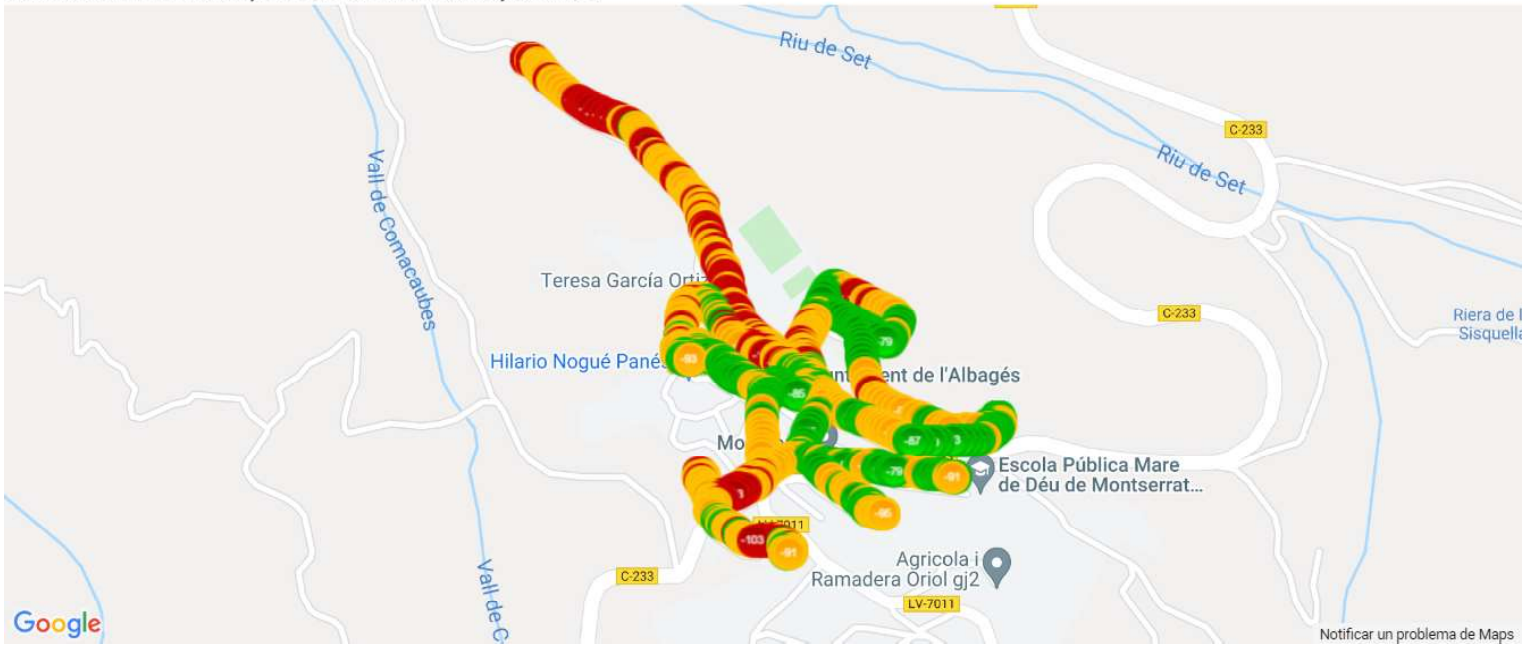


# RSSI view



RSSI KPI statistics per mobile operator for operator 21407\_Movistar

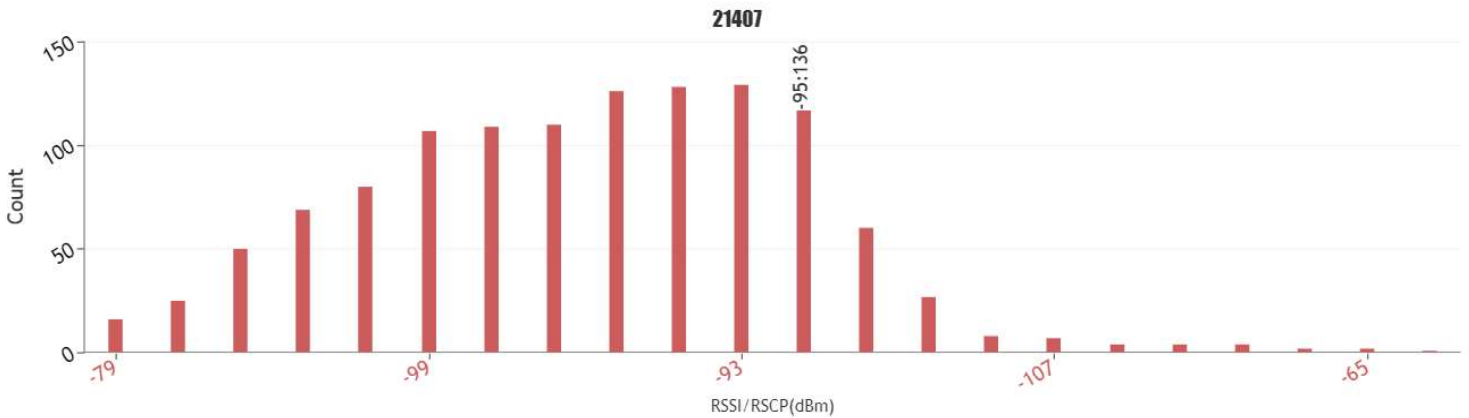
MOVISTAR SERVEI DE DADES, MAPA DE NIVELL DE SENYAL, L'ALBAGÉS



RSSI KPI statistics per mobile operator for 21407\_Movistar

Operators	21407
<b>&gt;= -89dBm</b>	34.9668 % (count : 421)
<b>B/w -99dBm to -90dBm</b>	50.5814 % (count : 609)
<b>B/w -112dBm to -100dBm</b>	14.4518 % (count : 174)
<b>&lt;= -113dBm</b>	0 % (count : 0)
Total Geo samples	1204

RSSI distribution chart per mobile operator for 21407\_Movistar



# RantCell User QoE test report



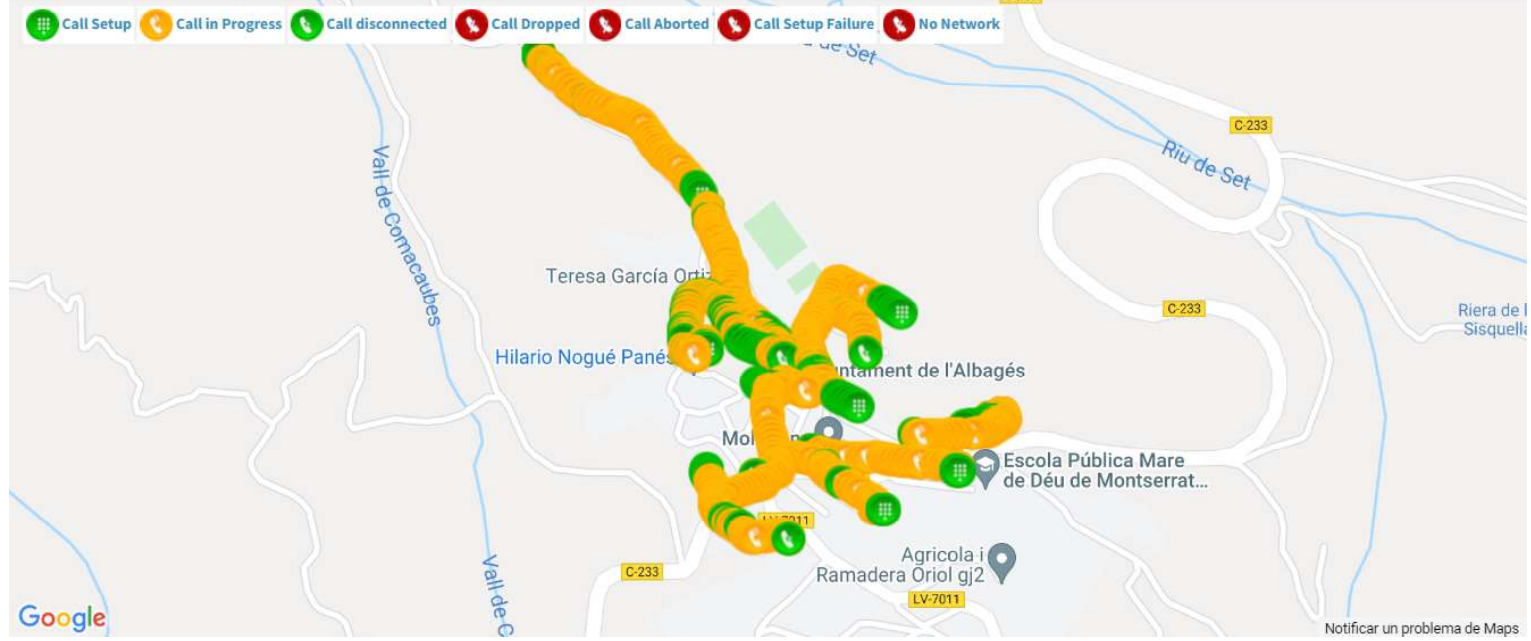
OperatorName	21401_vodafone ES
Test phone Model/Models	Samsung SM-A226B
Report Generation Time	Mar 17, 2022 1:11:28 PM
Test StartTime	Mar 16, 2022 10:07:36 AM
Test EndTime	Mar 16, 2022 10:31:21 AM
Voice Call Test	Yes

# Voice call test report



Call test view of mobile operators for 21401\_vodafone ES

## VODAFONE SERVEI DE VEU, MAPA DE TRUCADES, L'ALBAGÉS



Call test KPI statistics per mobile operator for 21401\_vodafone ES

Operators	21401
Total Calls Success	21
Total Calls Attempted	22
Total Calls Failed	1
Dropped Calls	1
Aborted Calls	0
CallSetup Failed	0
No Network <a href="#">?</a>	0
Attempted Voice call on 2G <a href="#">?</a>	6
Attempted Voice call on 3G <a href="#">?</a>	0
Successful CSFB call to 2G <a href="#">?</a>	16

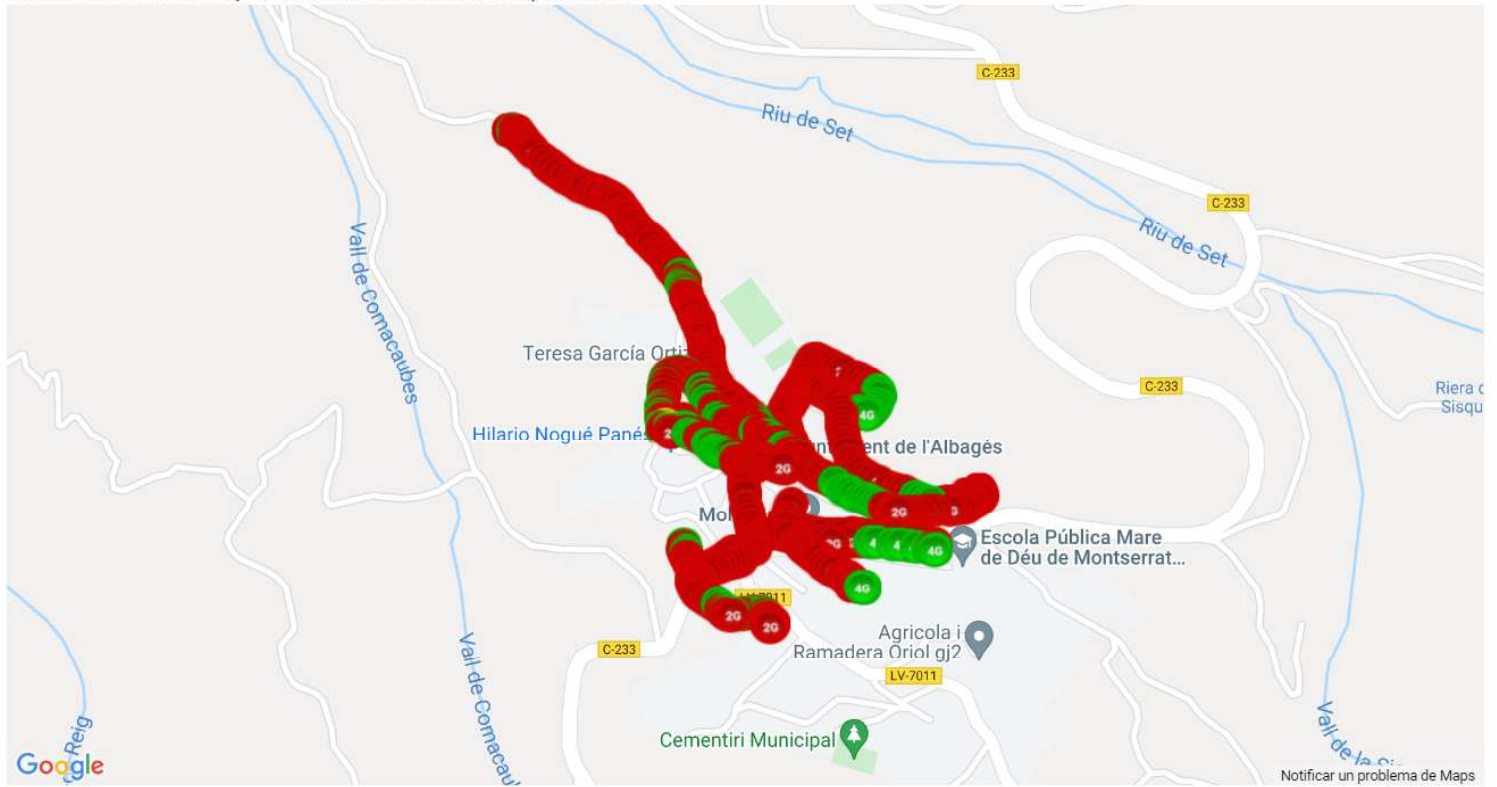
## User perceived mobile network coverage during tests



mobile network coverage during tests for operators 21401\_vodafone ES



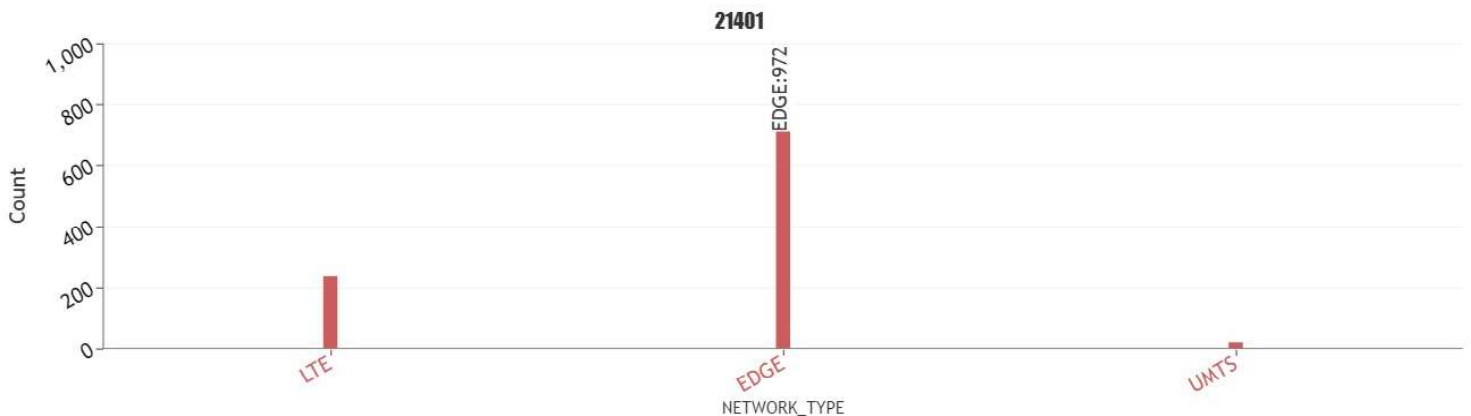
VODAFONE SERVEI DE VEU, ACCÉS A XARRES DE L'OPERADOR, L'ALBAGÉS



RAN technology statistics per mobile network operator for 21401\_vodafone ES

Network Type	21401
5G	0.0000%
4G	19.3836%
3G	1.7843%
2G	78.8321%
CDMA	0.0000%
NONNETWORK	0.0000%
Total Geo samples	1233

RAN technology distribution chart per mobile network operator for 21401\_vodafone ES

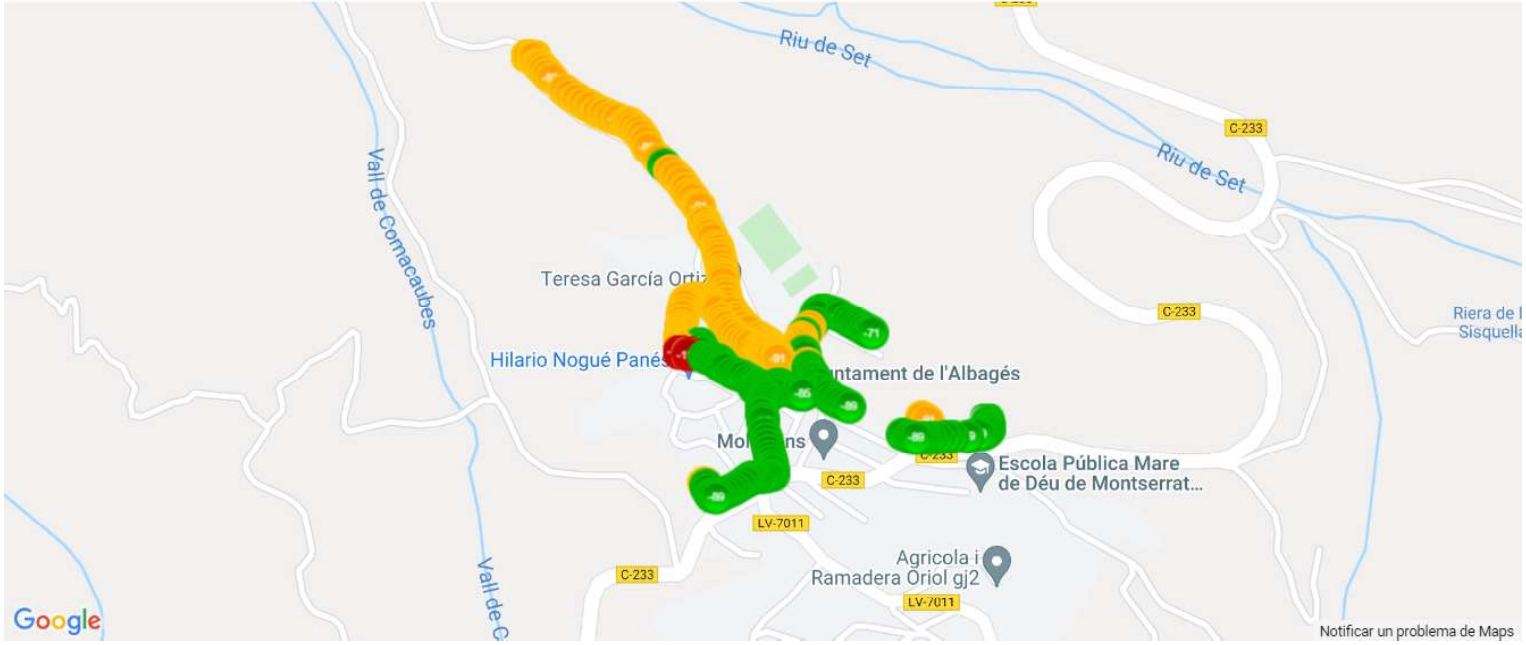


## RSSI view



RSSI KPI statistics per mobile operator for operator 21401\_vodafone ES

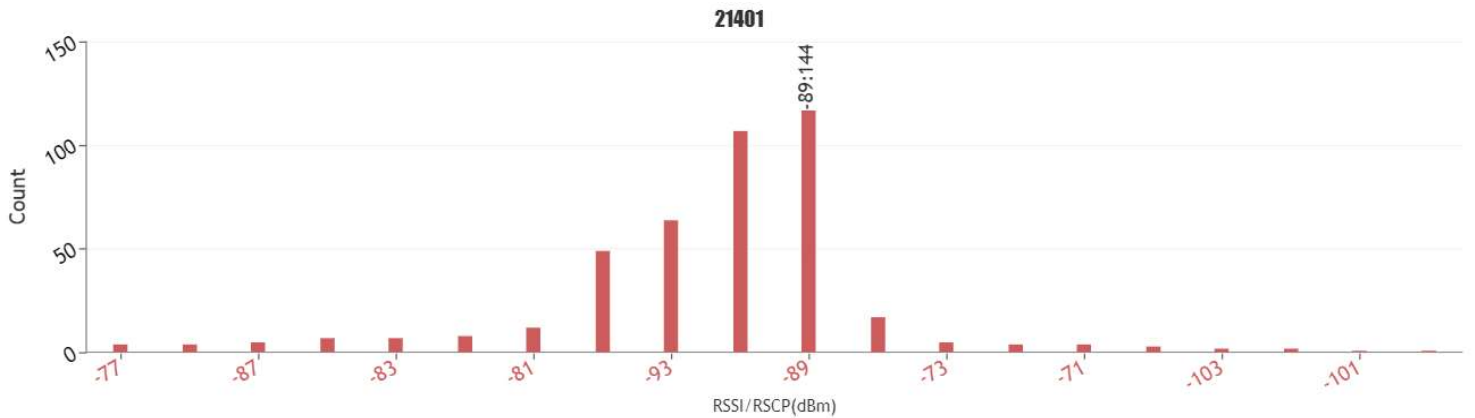
VODAFONE SERVEI DE VEU, MAPA DE NIVELL DE SENYAL, L'ALBAGÉS



RSSI KPI statistics per mobile operator for 21401\_vodafone ES

Operators	21401
<b>&gt;= -89dBm</b>	47.1111 % (count : 212)
<b>B/w -99dBm to -90dBm</b>	39.7778 % (count : 179)
<b>B/w -112dBm to -100dBm</b>	2.2222 % (count : 10)
<b>&lt; -113dBm</b>	10.8889 % (count : 49)
Total Geo samples	450

RSSI distribution chart per mobile operator for 21401\_vodafone ES



# RantCell User QoE test report



OperatorName	21401_vodafone ES
Test phone Model/Models	Samsung SM-A226B
Report Generation Time	Mar 21, 2022 8:43:51 AM
Test StartTime	Mar 18, 2022 9:57:18 AM
Test EndTime	Mar 18, 2022 10:14:32 AM
Download Speed Test	Yes



## Download speed test report

Download speed test view for 21401\_vodafone ES



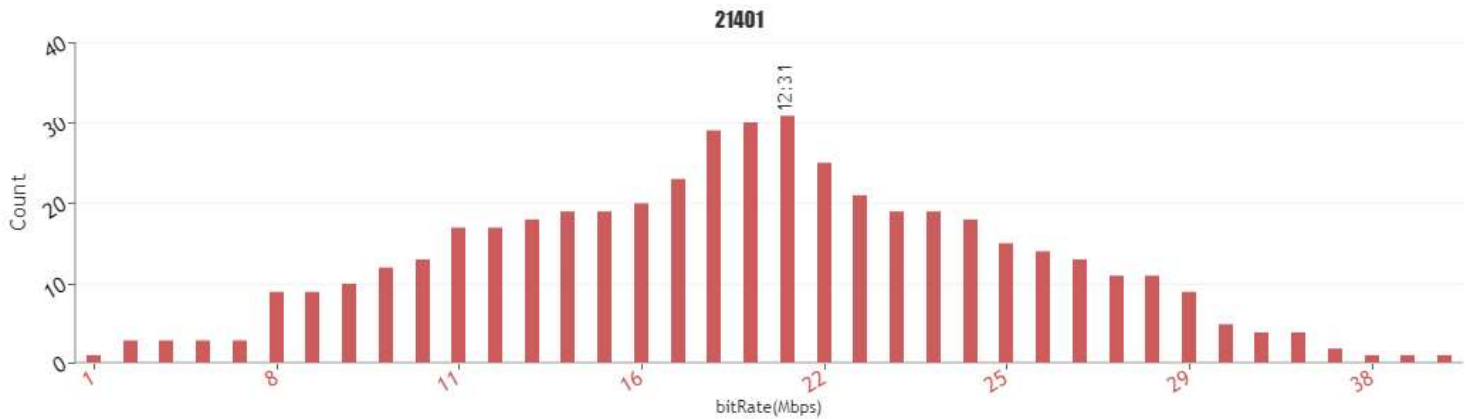
### VODAFONE SERVEI DE DADES, MAPA DE VELOCITATS DE DESCÀRREGA, L'ALBAGÉS



### Download test KPI statistics per mobile operator for 21401\_vodafone ES

Operators	21401
above 1.2Mbps	99.7925 % (count : 481)
0.4Mbps - 1.2Mbps	0.2075 % (count : 1)
0Mbps - 0.4Mbps	0 % (count : 0)
Average (mbps)	18.37
Peak Speed (mbps)	37.62
Lowest Recorded (mbps)	1.05
Total Geo samples	482

### Download test distribution chart per mobile operators for 21401\_vodafone ES



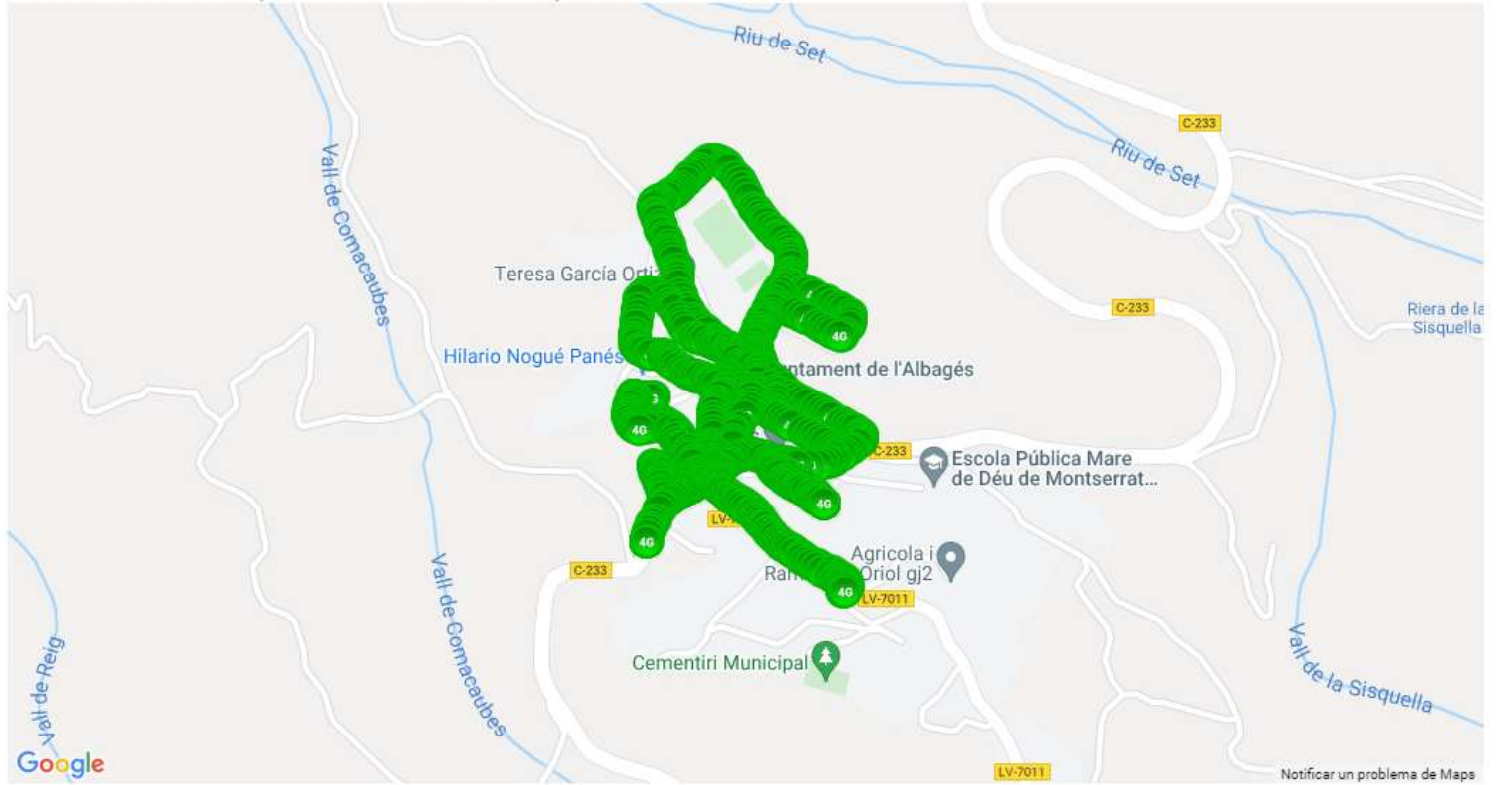
# User perceived mobile network coverage during tests



mobile network coverage during tests for operators 21401\_vodafone ES



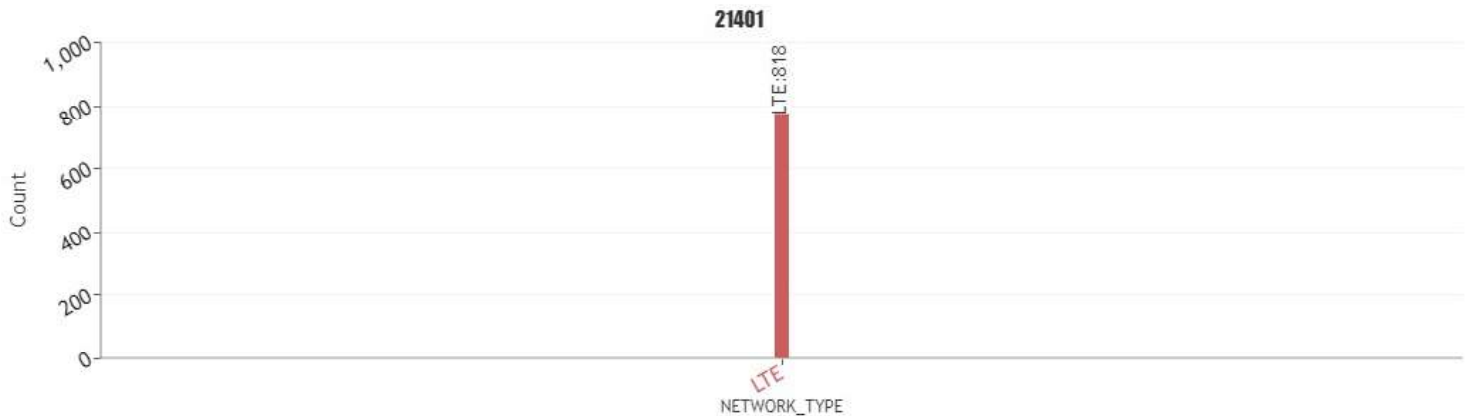
VODAFONE SERVEI DE DADES, ACCÉS A XARXES DE L'OPERADOR, L'ALBAGÉS



## RAN technology statistics per mobile network operator for 21401\_vodafone ES

Network Type	21401
5G	0.0000%
4G	100.0000%
3G	0.0000%
2G	0.0000%
CDMA	0.0000%
NONNETWORK	0.0000%
Total Geo samples	818

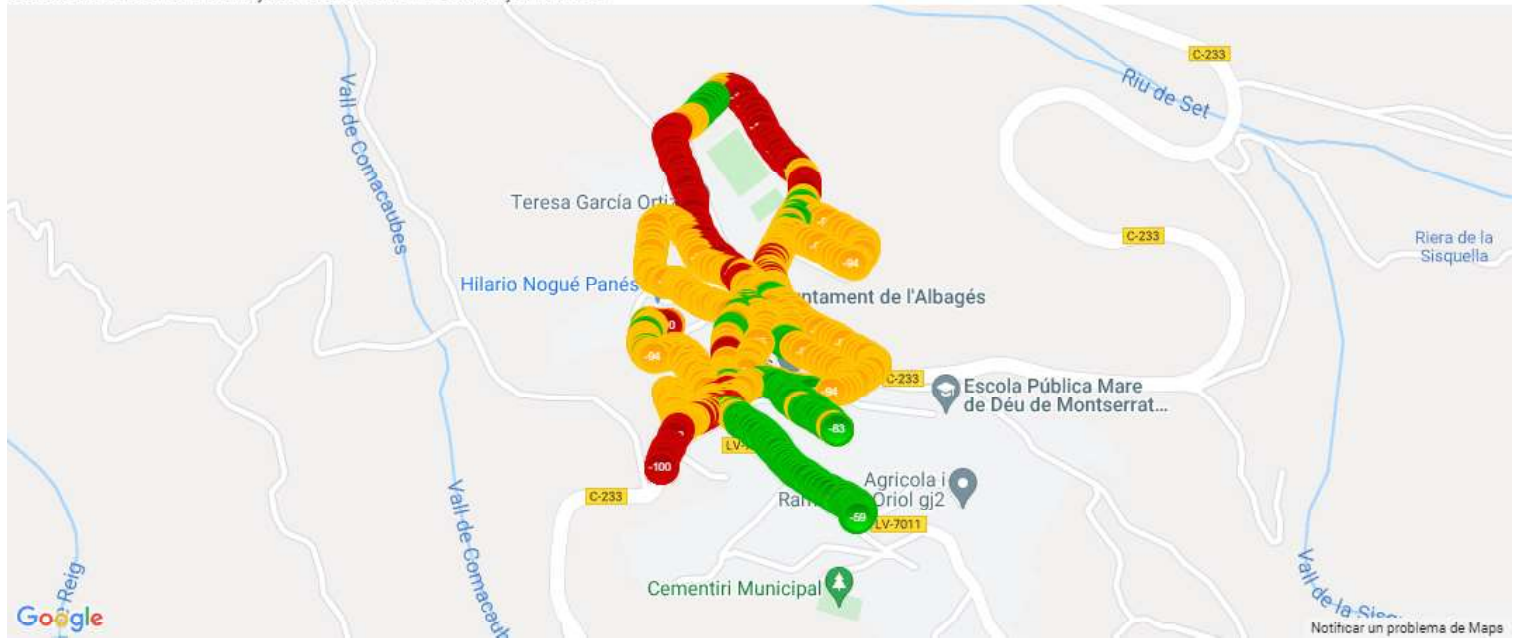
## RAN technology distribution chart per mobile network operator for 21401\_vodafone ES



## RSRP view

RSRP KPI statistics per mobile operator for operator 21401\_vodafone ES

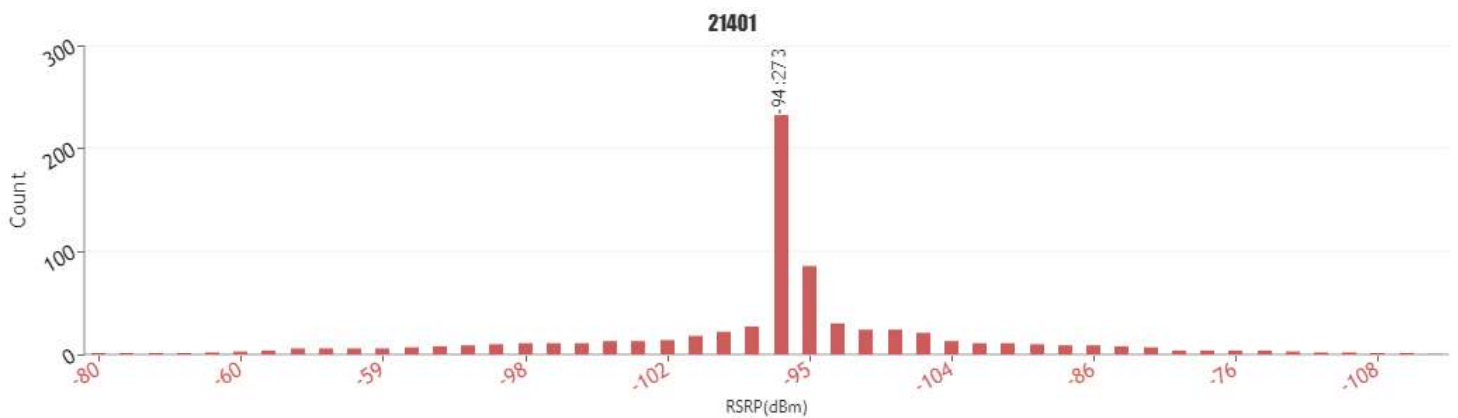
VODAFONE SERVEI DE DADES, MAPA DE NIVELL DE SENYAL, L'ALBAGÉS



RSRP KPI statistics per mobile operator for 21401\_vodafone ES

Operators	21401
<b>&gt;= to -89dBm</b>	21.2714 % (count: 174)
<b>B/w -99dBm to -90dBm</b>	61.8582 % (count: 506)
<b>B/w -112dBm to -100dBm</b>	16.8704 % (count: 138)
<b>&lt;= -113dBm</b>	0 % (count: 0)
Total Geo samples	818

RSRP distribution chart per mobile operator for 21401\_vodafone ES



# RantCell User QoE test report

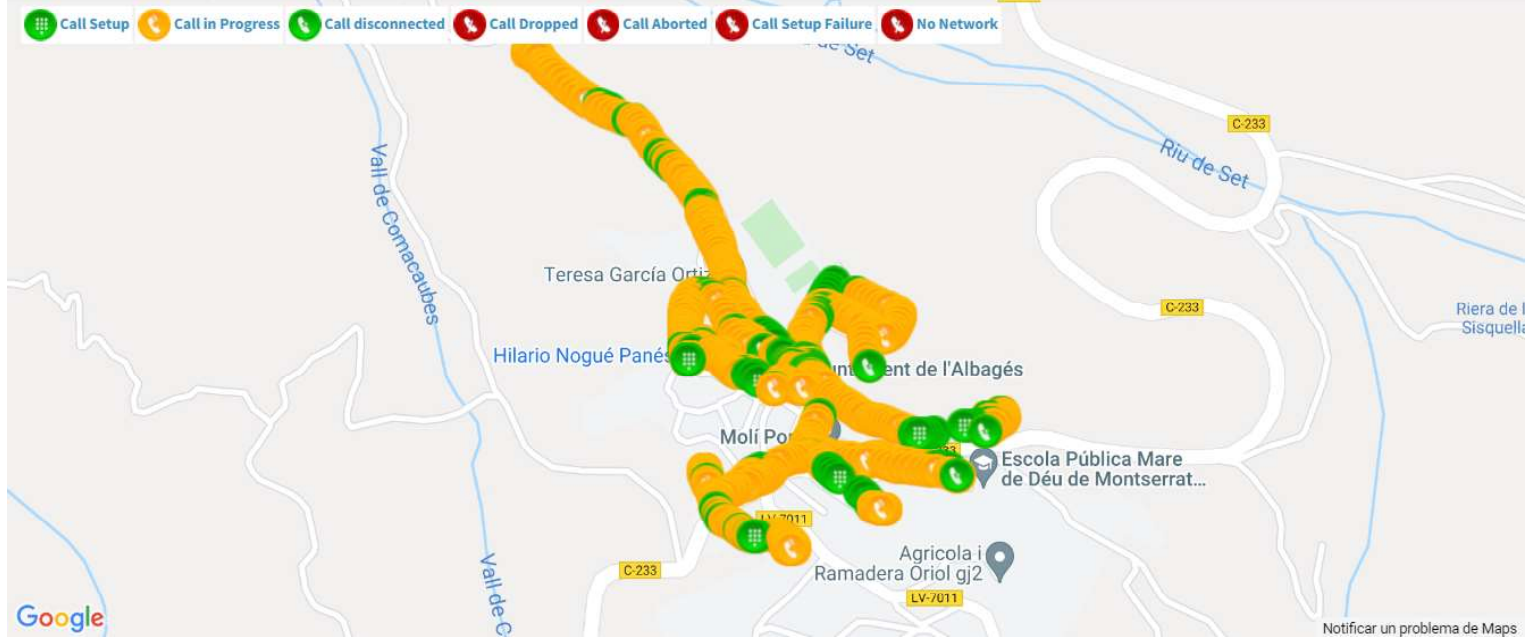


OperatorName	21403_Orange
Test phone Model/Models	Samsung SM-A226B
Report Generation Time	Mar 17, 2022 1:25:14 PM
Test StartTime	Mar 16, 2022 10:07:48 AM
Test EndTime	Mar 16, 2022 10:31:30 AM
Voice Call Test	Yes

## Voice call test report

Call test view of mobile operators for 21403\_Orange

### ORANGE SERVEI DE VEU, MAPA DE TRUCADES, L'ALBAGÉS



Call test KPI statistics per mobile operator for 21403\_Orange

Operators	21403
Total Calls Success	28
Total Calls Attempted	29
Total Calls Failed	1
Dropped Calls	1
Aborted Calls	0
CallSetup Failed	0
No Network <a href="#">?</a>	0
Attempted Voice call on 2G <a href="#">?</a>	0
Attempted Voice call on 3G <a href="#">?</a>	22
Successful CSFB call to 3G <a href="#">?</a>	6

## User perceived mobile network coverage during tests



mobile network coverage during tests for operators 21403\_Orange

ORANGE SERVEI DE VEU, ACCÉS A XARXES DE L'OPERADOR, L'ALBAGÉS



## RAN technology statistics per mobile network operator for 21403\_Orange

Network Type	21403
5G	0.0000%
4G	4.1531%
3G	95.8469%
2G	0.0000%
CDMA	0.0000%
NONNETWORK	0.0000%
Total Geo samples	1228

## RAN technology distribution chart per mobile network operator for 21403\_Orange



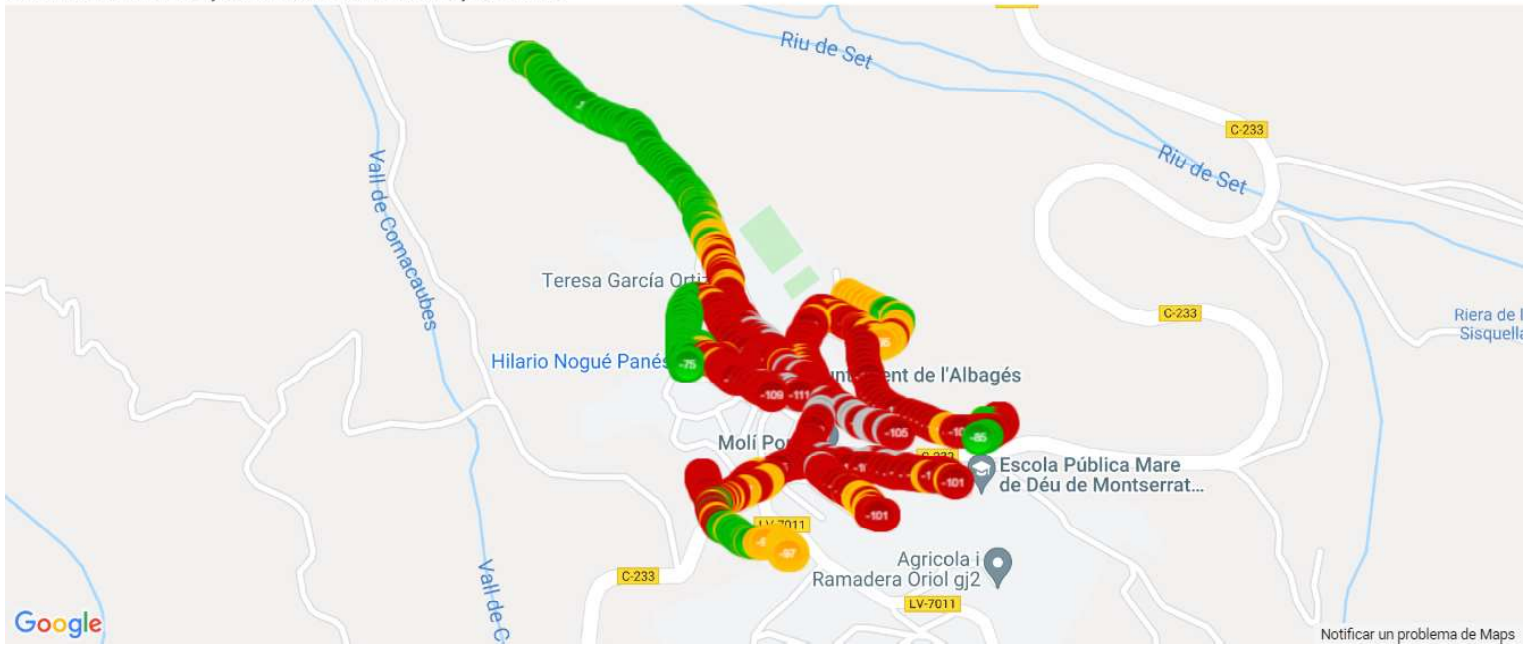


# RSSI view



RSSI KPI statistics per mobile operator for operator 21403\_Orange

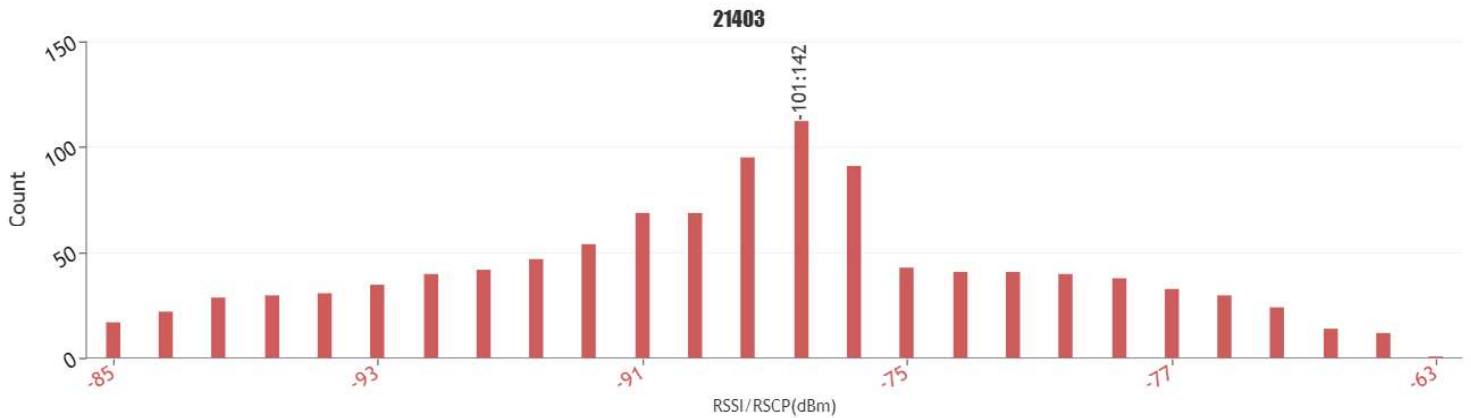
ORANGE SERVEI DE VEU, MAPA DE NIVELL DE SENYAL, L'ALBAGÉS



RSSI KPI statistics per mobile operator for 21403\_Orange

Operators	21403
<b>&gt;= -89dBm</b>	34.2478 % (count : 387)
<b>B/w -99dBm to -90dBm</b>	17.9646 % (count : 203)
<b>B/w -112dBm to -100dBm</b>	43.6283 % (count : 493)
<b>&lt; -113dBm</b>	4.1593 % (count : 47)
Total Geo samples	1130

RSSI distribution chart per mobile operator for 21403\_Orange





# RantCell User QoE test report



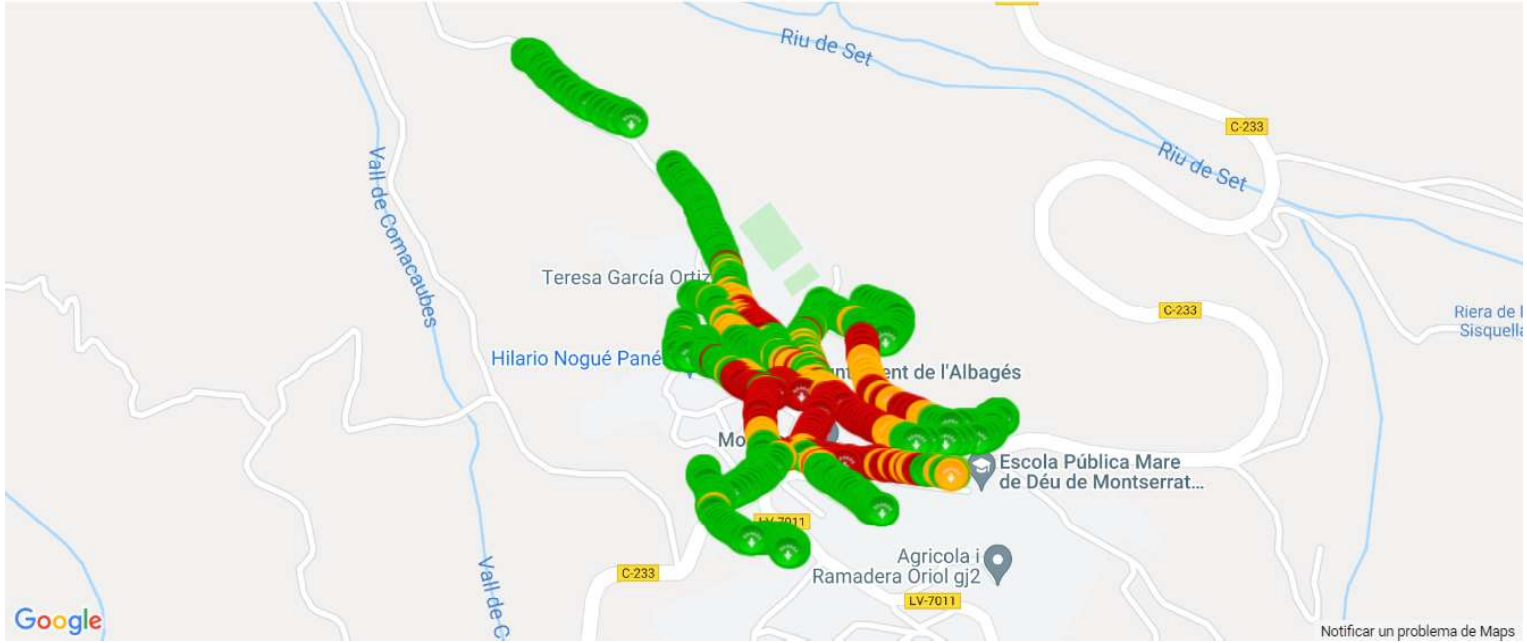
OperatorName	21403_Orange
Test phone Model/Models	Samsung SM-A226B
Report Generation Time	Mar 17, 2022 1:28:58 PM
Test StartTime	Mar 16, 2022 10:08:36 AM
Test EndTime	Mar 16, 2022 10:31:25 AM
Download Speed Test	Yes

# Download speed test report

Download speed test view for 21403\_Orange



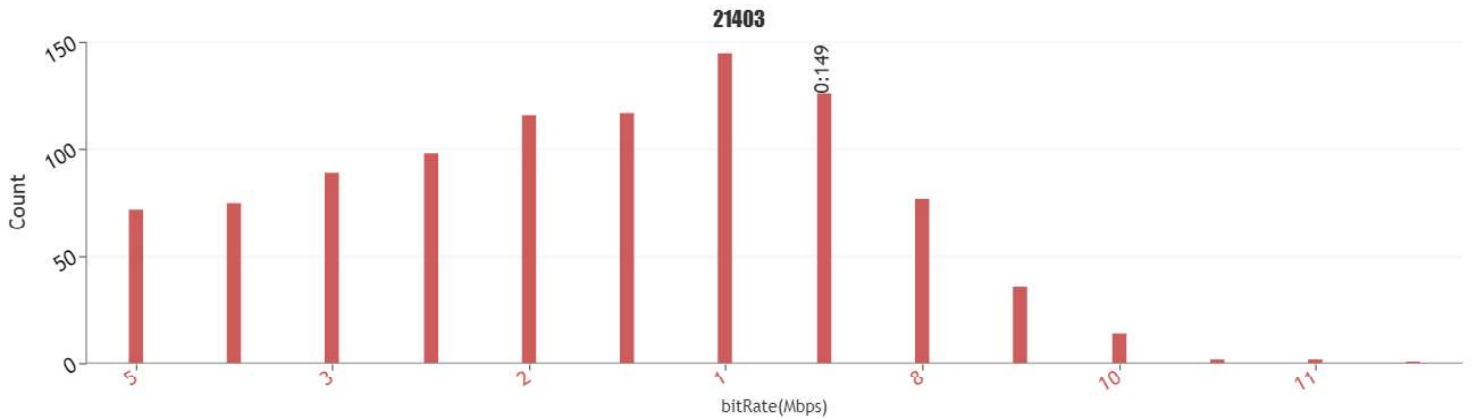
ORANGE SERVEI DE DADES, MAPA DE VELOCITATS DE DESCÀRREGA, L'ALBAGÉS



Download test KPI statistics per mobile operator for 21403\_Orange

Operators	21403
above 1.2Mbps	75.2266 % (count: 747)
0.4Mbps - 1.2Mbps	10.8761 % (count: 108)
0Mbps - 0.4Mbps	13.8973 % (count: 138)
Average (mbps)	3.87
Peak Speed (mbps)	13.05
Lowest Recorded (mbps)	0
Total Geo samples	993

Download test distribution chart per mobile operators for 21403\_Orange



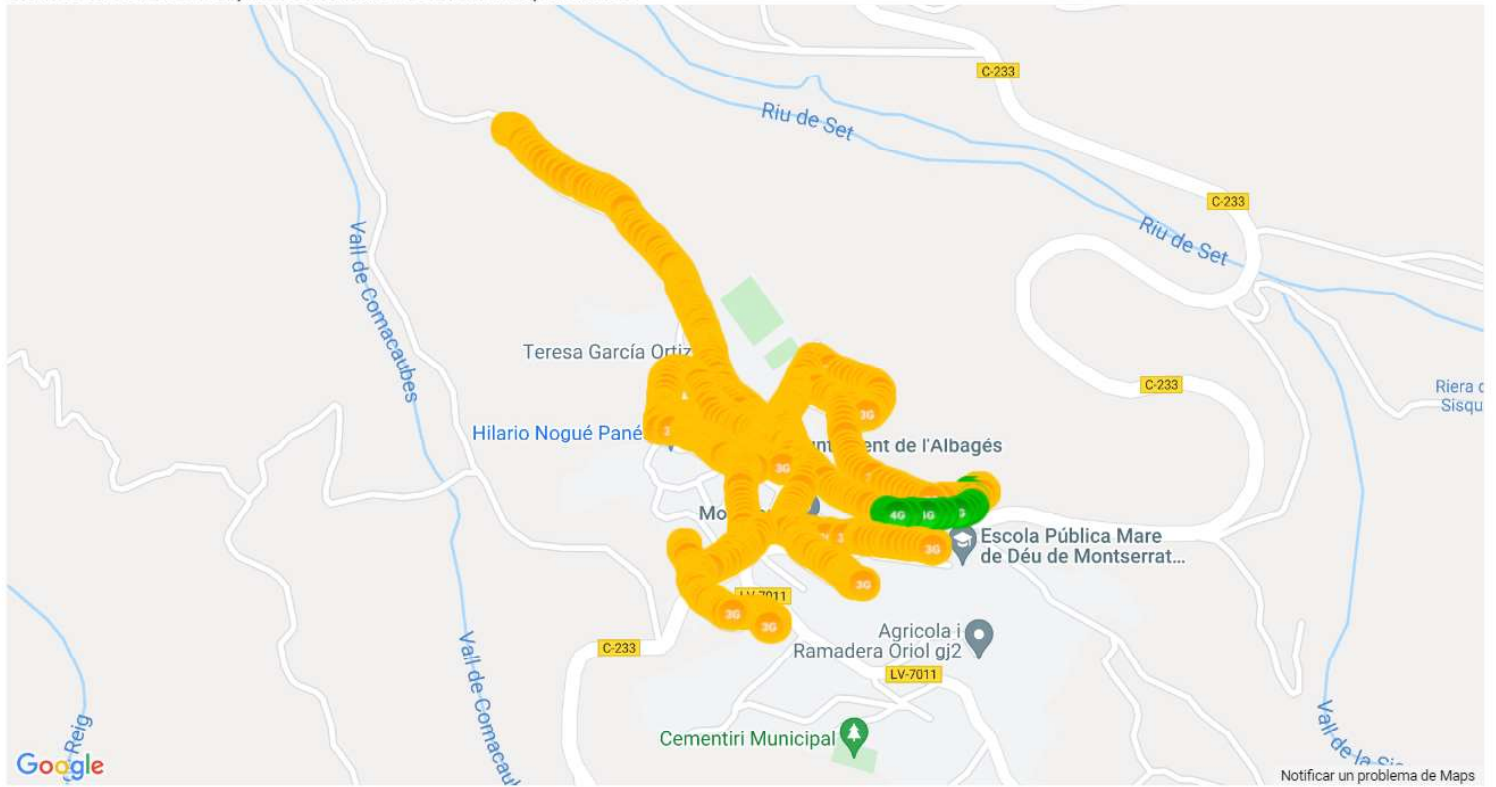
## User perceived mobile network coverage during tests



mobile network coverage during tests for operators 21403\_Orange



ORANGE SERVEI DE DADES, ACCÉS A XARRES DE L'OPERADOR, L'ALBAGÉS



## RAN technology statistics per mobile network operator for 21403\_Orange

Network Type	21403
5G	0.0000%
4G	3.7159%
3G	96.2841%
2G	0.0000%
CDMA	0.0000%
NONNETWORK	0.0000%
Total Geo samples	1211

## RAN technology distribution chart per mobile network operator for 21403\_Orange

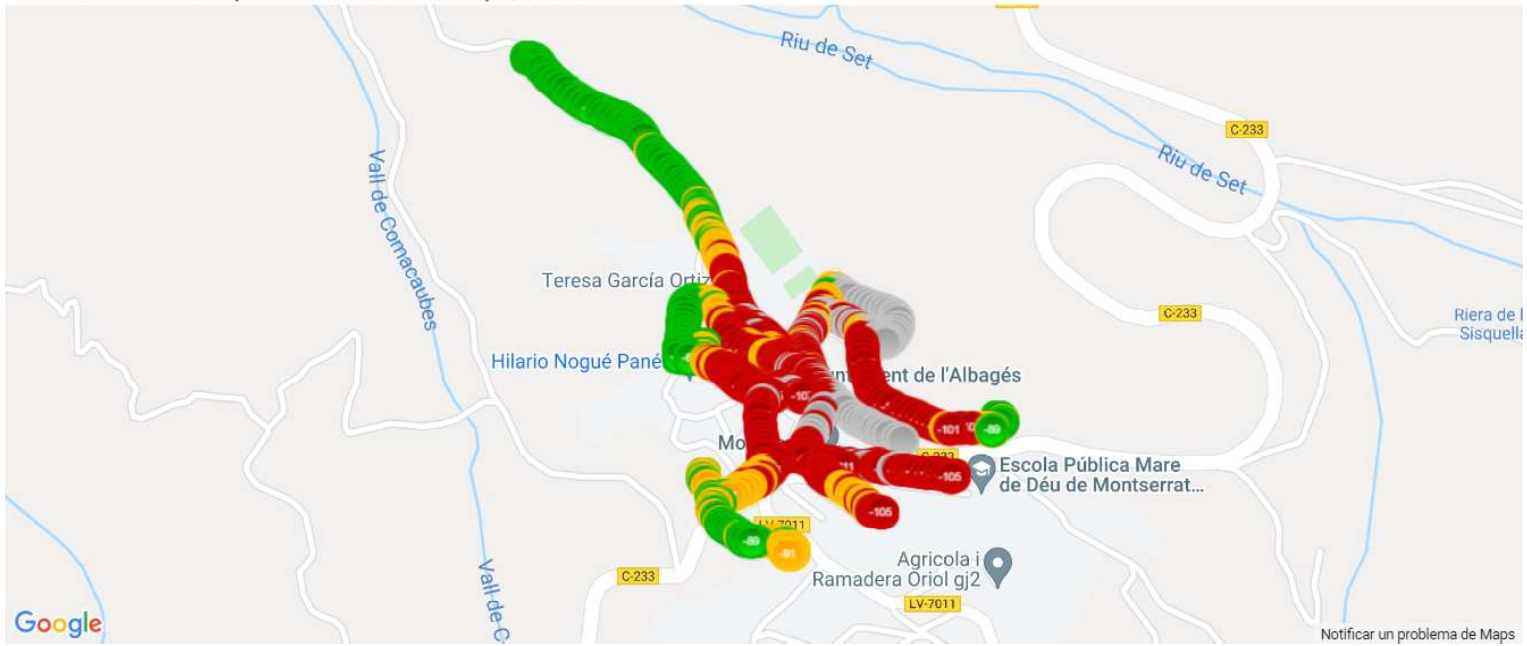


## RSSI view



RSSI KPI statistics per mobile operator for operator 21403\_Orange

ORANGE SERVEI DE DADES, MAPA DE NIVELL DE SENYAL, L'ALBAGÉS



RSSI KPI statistics per mobile operator for 21403\_Orange

Operators	21403
<b>&gt;= -89dBm</b>	40.5660 % (count : 473)
<b>B/w -99dBm to -90dBm</b>	18.2676 % (count : 213)
<b>B/w -112dBm to -100dBm</b>	32.6758 % (count : 381)
<b>&lt;= -113dBm</b>	8.4906 % (count : 99)
Total Geo samples	1166

RSSI distribution chart per mobile operator for 21403\_Orange



## L'ALBI: RESUM MESURES

OPERADOR	SERVEI DE VEU	SERVEI DE DADES
MOVISTAR	CORRECTE (3G)	CORRECTE (3G/4G)
VODAFONE	CORRECTE (3G)	CORRECTE (3G/4G)
ORANGE	CORRECTE (3G)	CORRECTE (3G/4G)

Comentaris:

No es troben deficiències significatives de servei de veu o dades de cap operador.

Es disposa de fibra òptica.

Servei de Movistar provinent del polígon 5 parcel·la 9 i polígon 3 parcel·la 83. Servei de Vodafone i Orange provinent del polígon 7 parcel·la 363.



**VODAFONE ESPAÑA, S.A.**

Estación: 166  
Dirección: VP ALBI, -. ALBI (L), LLEIDA  
Posición: 41.421183 lat / 0.940236 lng  
Elevación: **Sólo PRO**

ID	BANDA	MODOS*
1	1905.00 - 1910.00; 2140.00 - 2155.00	3G
1	2660.00 - 2680.00	4G
1	842.00 - 852.00	4G



Albi



### VODAFONE ESPAÑA, S.A.

Estación: 00552

Dirección: VP POLIGONO 7 PARCELA 363. ALBI (L), LLEIDA

Posición: 41.427186 lat / 0.944569 lng

Elevación: **Sólo PRO**

ID	BANDA	MODOS*
1	949.90 - 959.90	2G 3G
1	949.90 - 959.90	2G 3G

### VODAFONE ESPAÑA, S.A.

Estación: 000552

Dirección: ZN POLÍGONO 7 PARCELA 363. ALBI (L), LLEIDA

Posición: 41.427186 lat / 0.944569 lng

Elevación: **Sólo PRO**

ID	BANDA	MODOS*
1	1905.00 - 1910.00; 2140.00 - 2155.00	3G
1	2140.00 - 2155.00	4G
1	842.00 - 852.00	4G

### ORANGE ESPAGNE, S.A.U.

Estación: CATR5361A

Dirección: ZN Polígono 7 Parcela 363. ALBI (L), LLEIDA

Posición: 41.427186 lat / 0.944569 lng

Elevación: **Sólo PRO**

ID	BANDA	MODOS*
1	1900.00 - 1905.00; 2125.00 - 2140.00	3G
1	832.00 - 842.00	4G
1	925.10 - 935.10	2G 3G
1	925.10 - 935.10	2G 3G



Albi



### TELEFONICA MOVILES ESPAÑA, S.A.U.

Estación: 2500296

Dirección: MT Polígono 3 Parcela 83. VINAIXA, LLEIDA

Posición: 41.424686 lat / 0.978583 lng

Elevación: **Sólo PRO**

ID	BANDA	MODOS*
1	852.00 - 862.00	4G
1	935.10 - 949.90	2G
1	935.10 - 949.90	2G



# RantCell User QoE test report

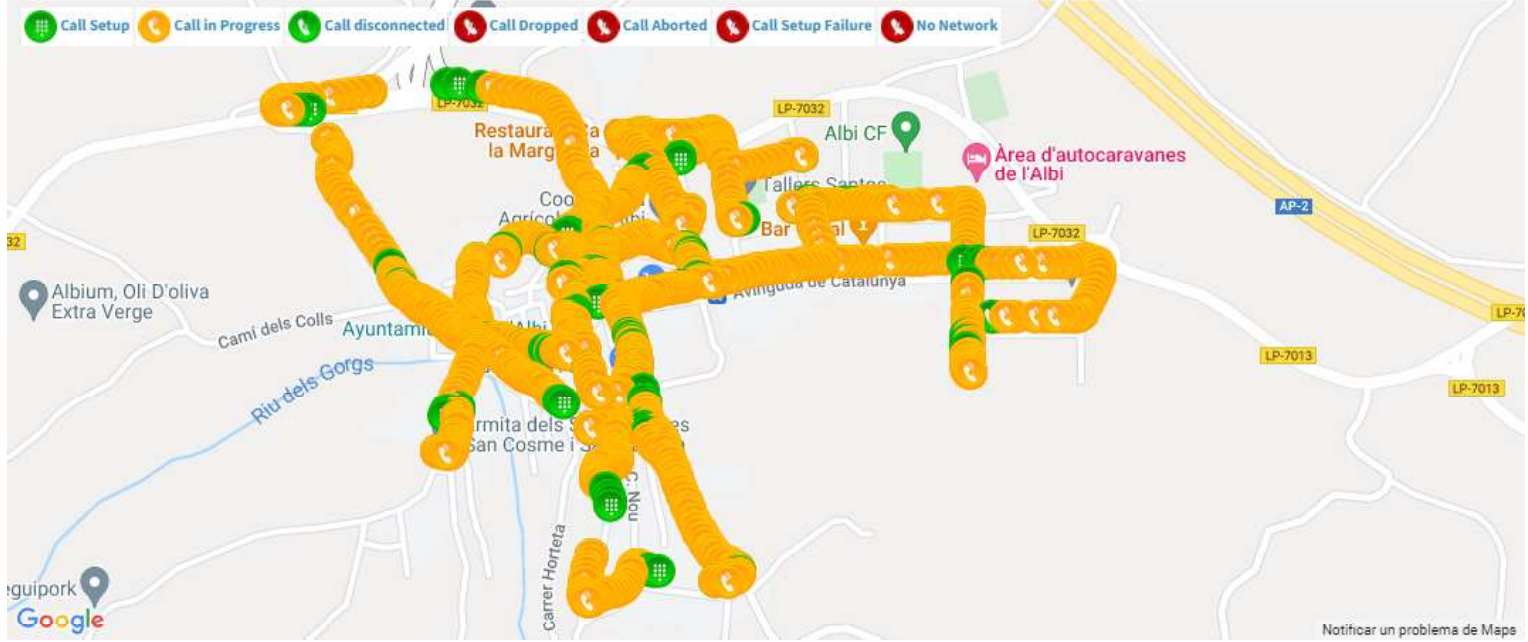


OperatorName	21407_Movistar
Test phone Model/Models	Samsung SM-A226B
Report Generation Time	Mar 24, 2022 7:18:07 AM
Test StartTime	Mar 21, 2022 3:23:00 PM
Test EndTime	Mar 21, 2022 3:59:43 PM
Voice Call Test	Yes

## Voice call test report

Call test view of mobile operators for 21407\_Movistar

### MOVISTAR SERVEI DE VEU, MAPA DE TRUCADES, L'ALBI



Call test KPI statistics per mobile operator for 21407\_Movistar

Operators	21407
Total Calls Success	44
Total Calls Attempted	46
Total Calls Failed	2
Dropped Calls	2
Aborted Calls	0
CallSetup Failed	0
No Network	0
Attempted Voice call on 2G	0
Attempted Voice call on 3G	32
Successful CSFB call to 3G	13

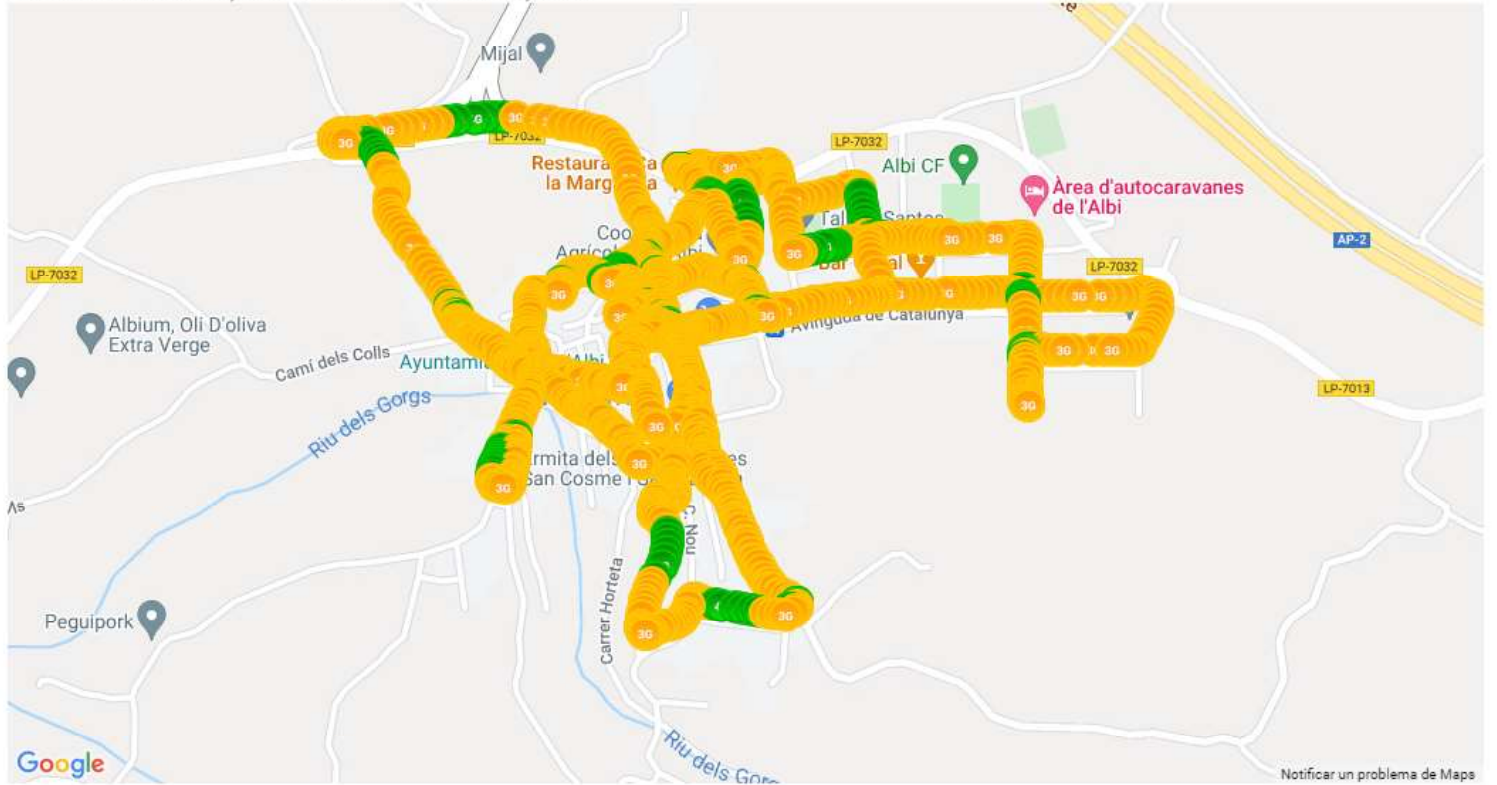
# User perceived mobile network coverage during tests



mobile network coverage during tests for operators 21407\_Movistar



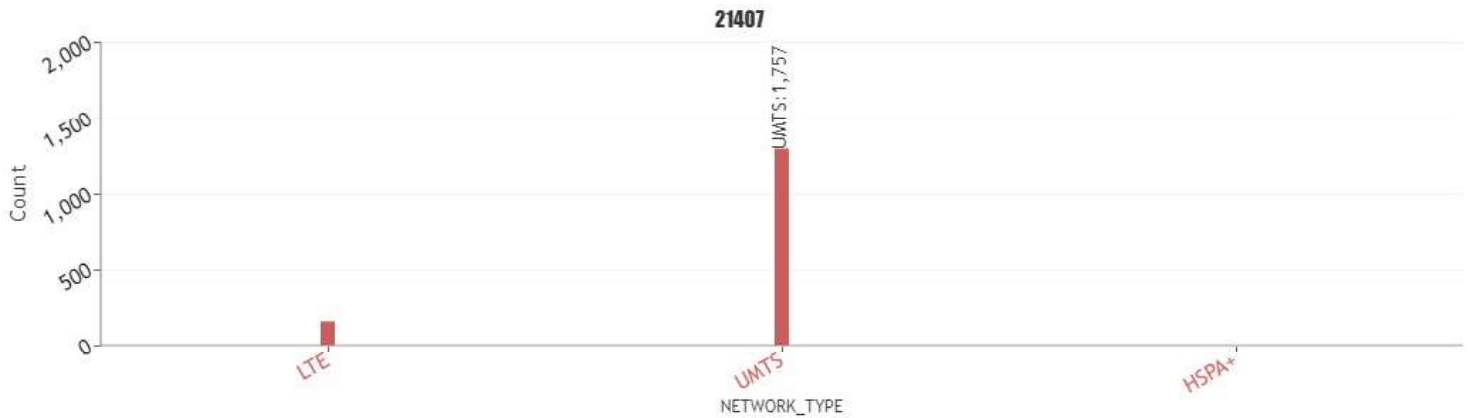
MOVISTAR SERVEI DE VEU, ACCÉS A XARXES DE L'OPERADOR, L'ALBI



## RAN technology statistics per mobile network operator for 21407\_Movistar

Network Type	21407
5G	0.0000%
4G	8.3898%
3G	91.6102%
2G	0.0000%
CDMA	0.0000%
NONNETWORK	0.0000%
Total Geo samples	1919

## RAN technology distribution chart per mobile network operator for 21407\_Movistar

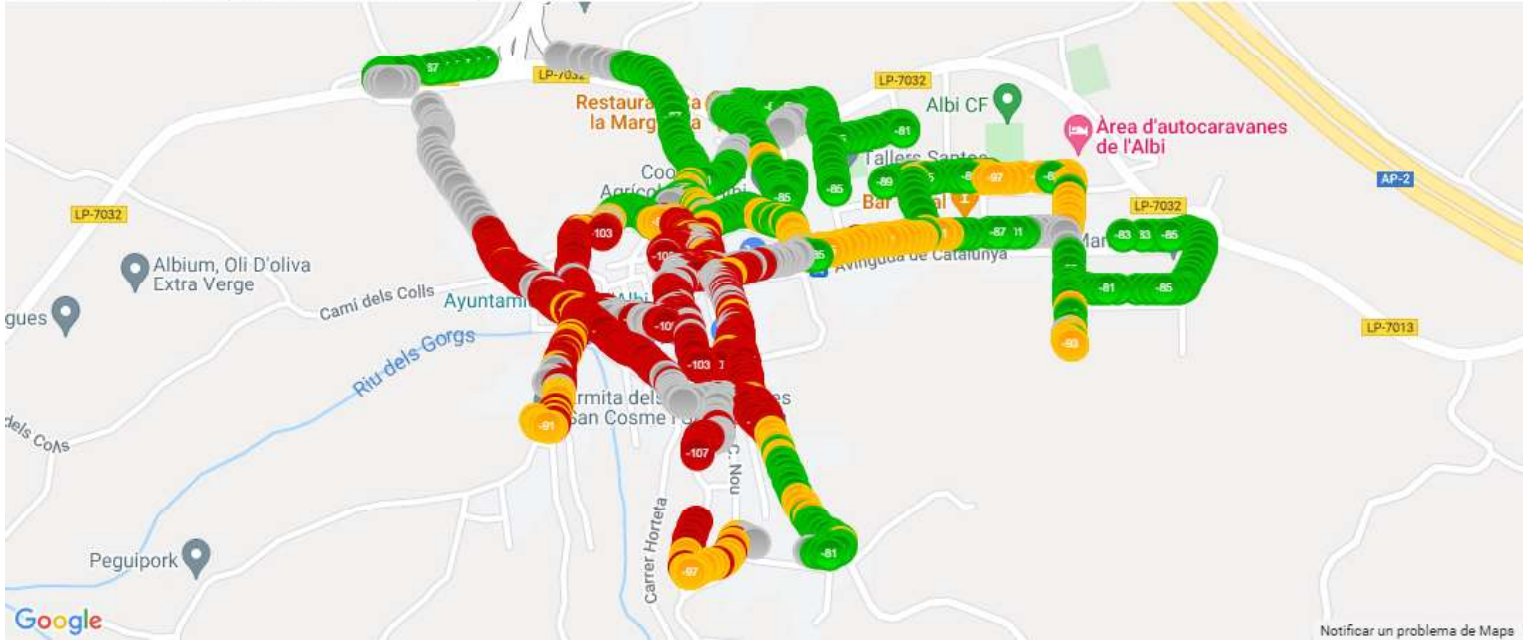


## RSSI view



RSSI KPI statistics per mobile operator for operator 21407\_Movistar

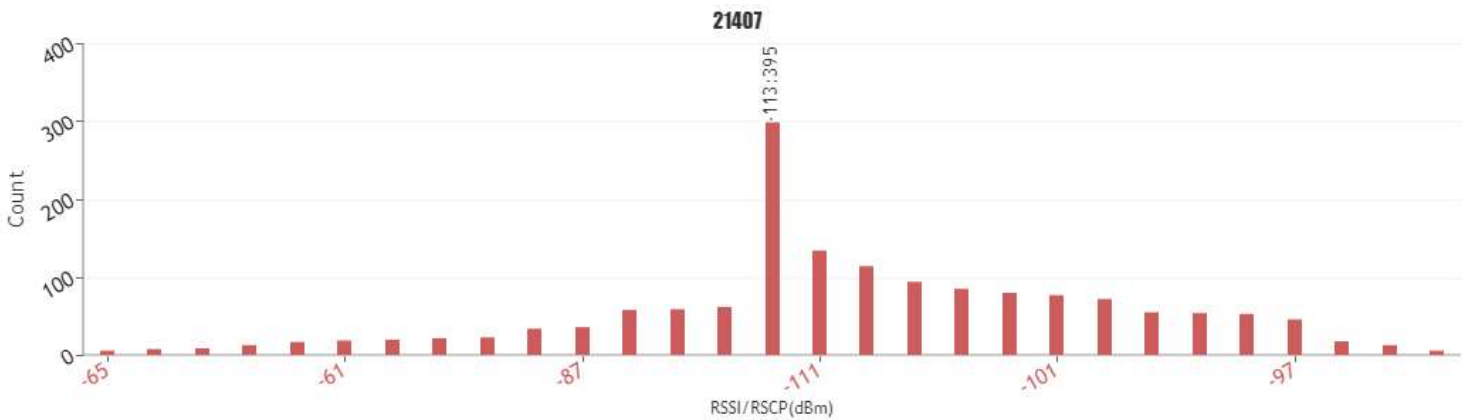
MOVISTAR SERVEI DE VEU, MAPA DE NIVELL DE SENYAL, L'ALBI



RSSI KPI statistics per mobile operator for 21407\_Movistar

Operators	21407
>= -89dBm	25.0292 % (count: 428)
B/w -99dBm to -90dBm	17.3684 % (count: 297)
B/w -112dBm to -100dBm	34.5029 % (count: 590)
<= -113dBm	23.0994 % (count: 395)
Total Geo samples	1710

RSSI distribution chart per mobile operator for 21407\_Movistar



# RantCell User QoE test report



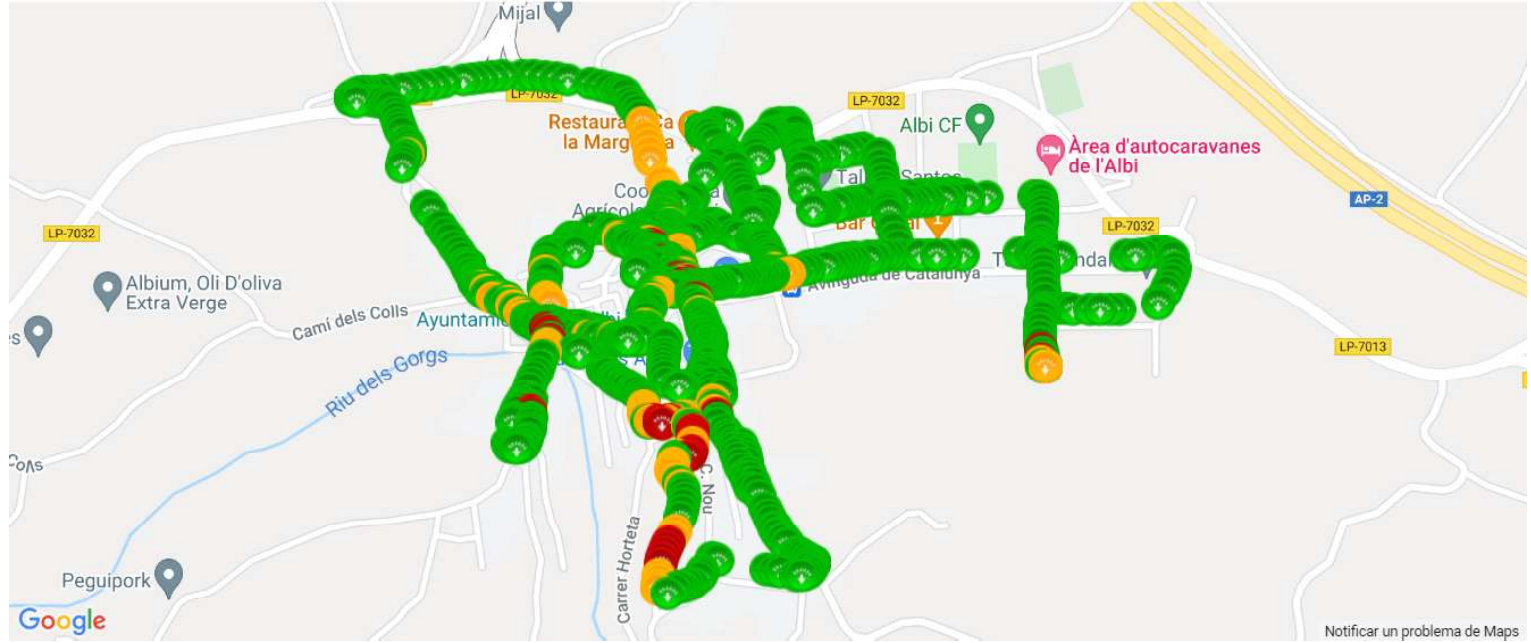
OperatorName	21407_Movistar
Test phone Model/Models	Samsung SM-A226B
Report Generation Time	Mar 25, 2022 1:02:49 PM
Test StartTime	Mar 21, 2022 3:23:20 PM
Test EndTime	Mar 21, 2022 3:59:43 PM
Download Speed Test	Yes

# Download speed test report

Download speed test view for 21407\_Movistar



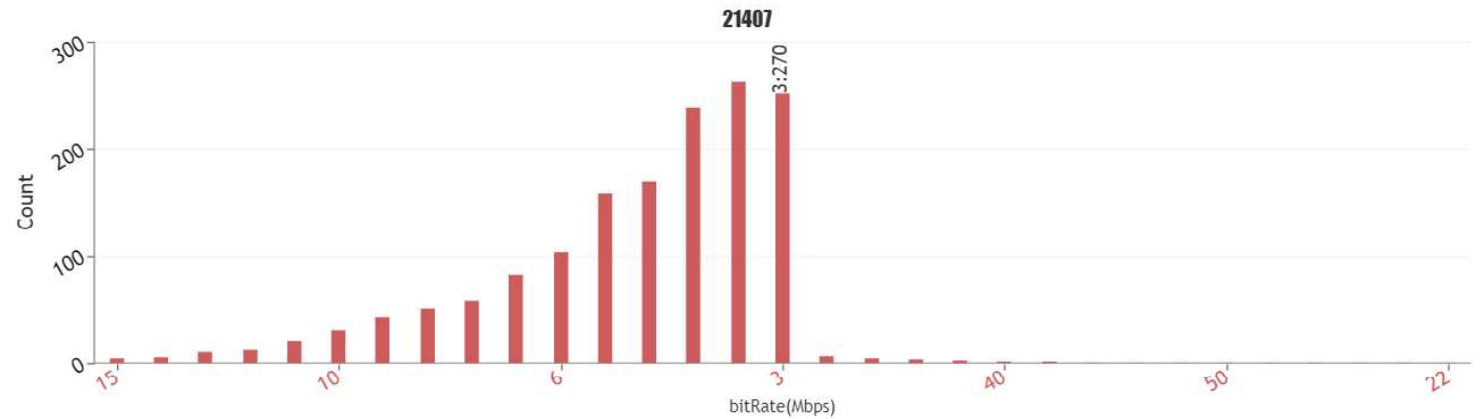
MOVISTAR SERVEI DE DADES, MAPA DE VELOCITATS DE DESCÀRREGA, L'ALBI



Download test KPI statistics per mobile operator for 21407\_Movistar

Operators	21407
above 1.2Mbps	89.1667 % (count : 1391)
0.4Mbps - 1.2Mbps	7.5000 % (count : 117)
0Mbps - 0.4Mbps	3.3333 % (count : 52)
Average (mbps)	4.59
Peak Speed (mbps)	79.08
Lowest Recorded (mbps)	0
Total Geo samples	1560

Download test distribution chart per mobile operators for 21407\_Movistar





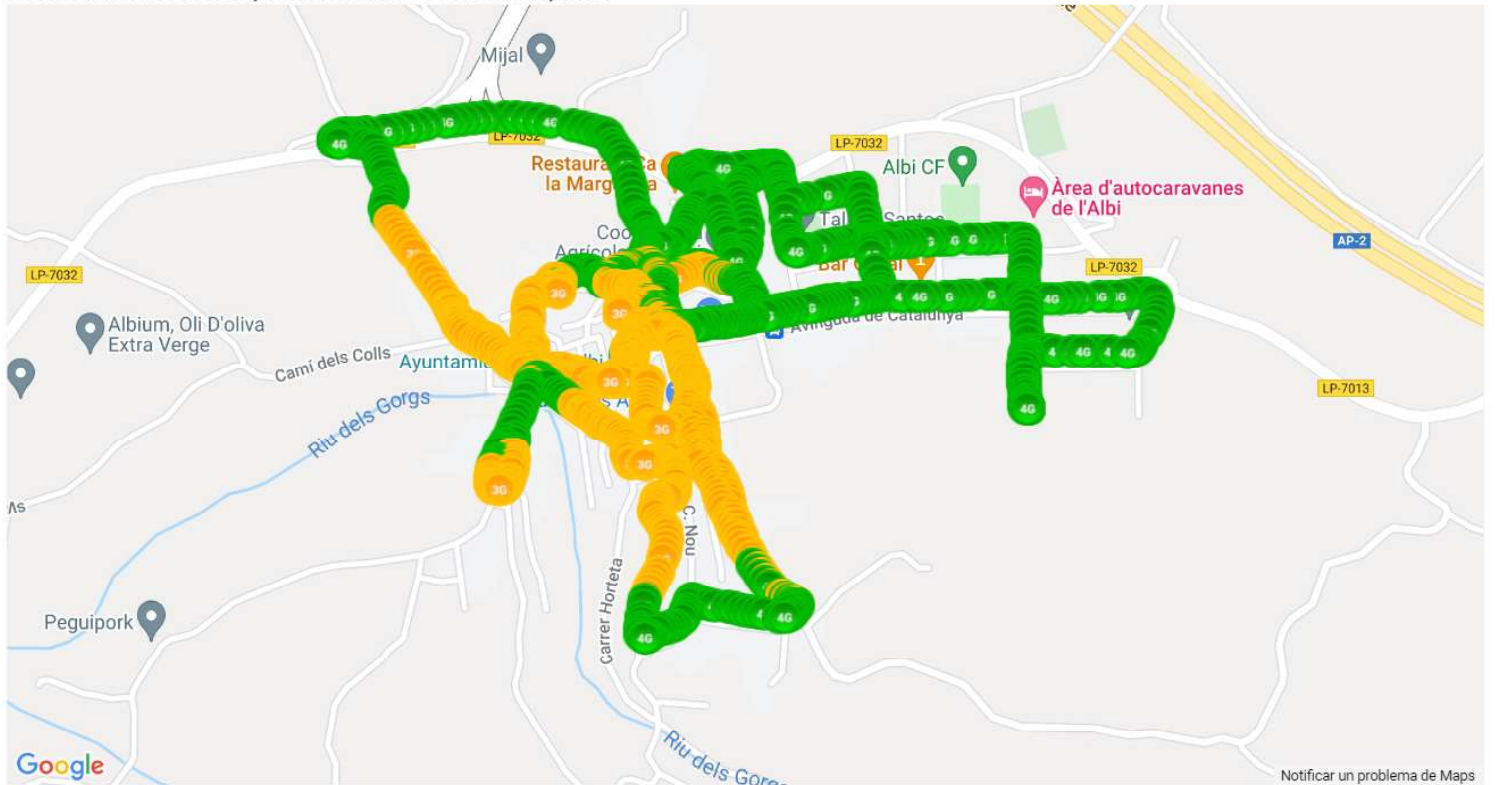
# User perceived mobile network coverage during tests



mobile network coverage during tests for operators 21407\_Movistar



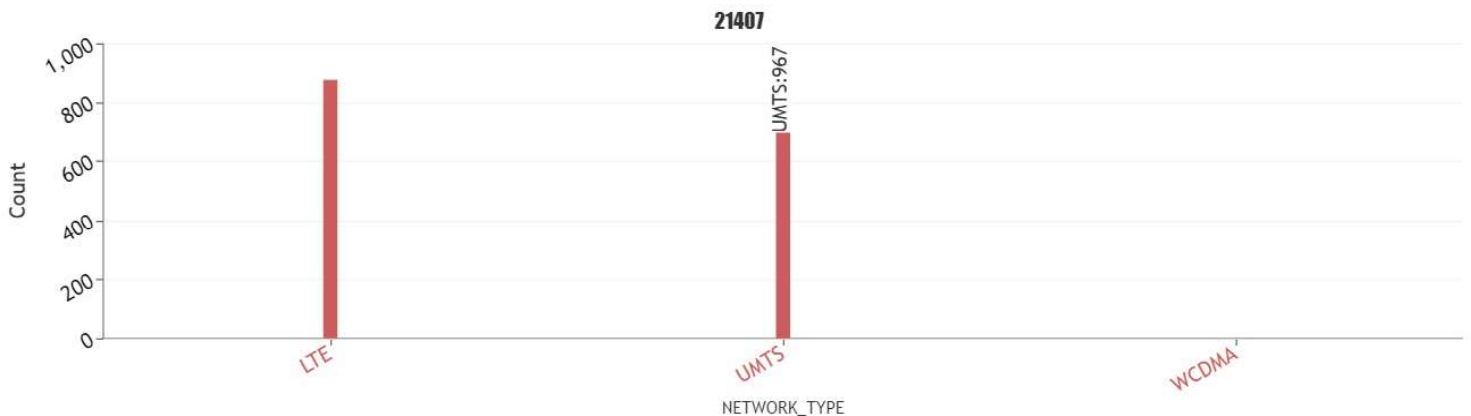
MOVISTAR SERVEI DE DADES, ACCÉS A XARXES DE L'OPERADOR, L'ALBI



## RAN technology statistics per mobile network operator for 21407\_Movistar

Network Type	21407
5G	0.0000%
4G	47.5054%
3G	52.4946%
2G	0.0000%
CDMA	0.0000%
NONNETWORK	0.0000%
Total Geo samples	1844

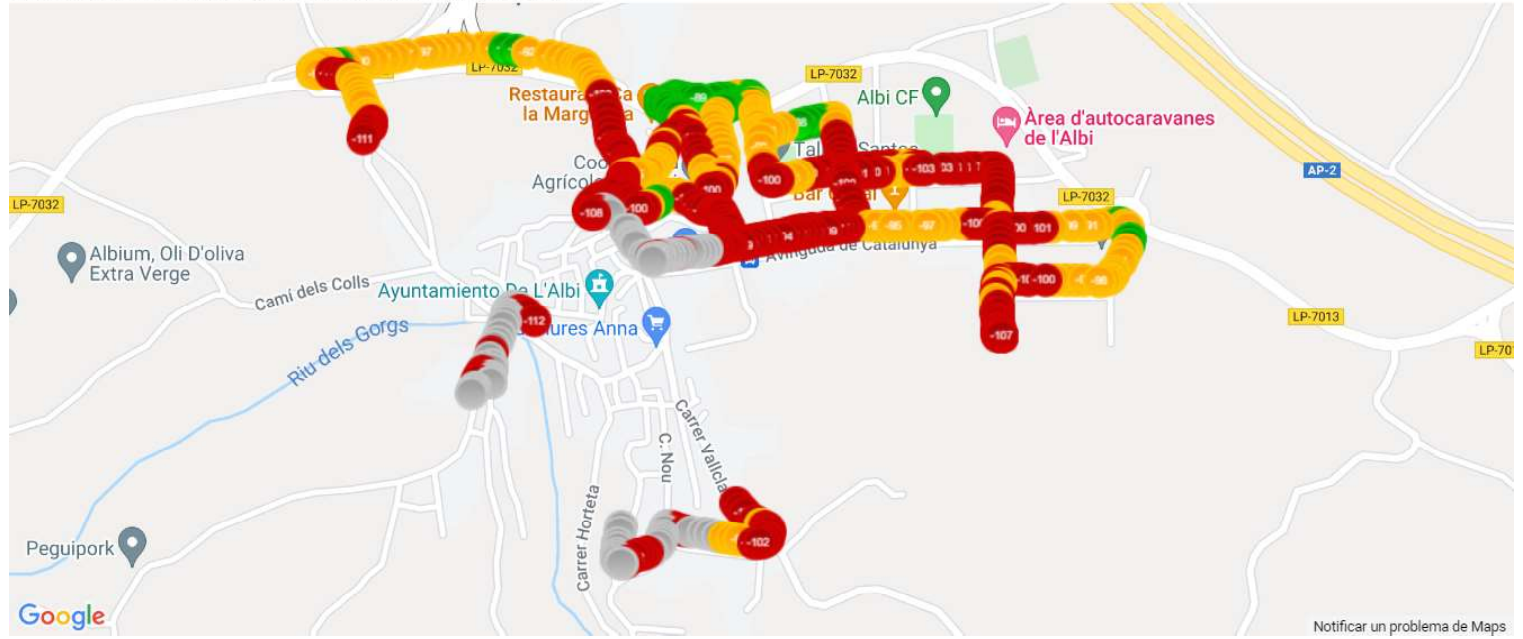
## RAN technology distribution chart per mobile network operator for 21407\_Movistar



## RSRP view

RSRP KPI statistics per mobile operator for operator 21407\_Movistar

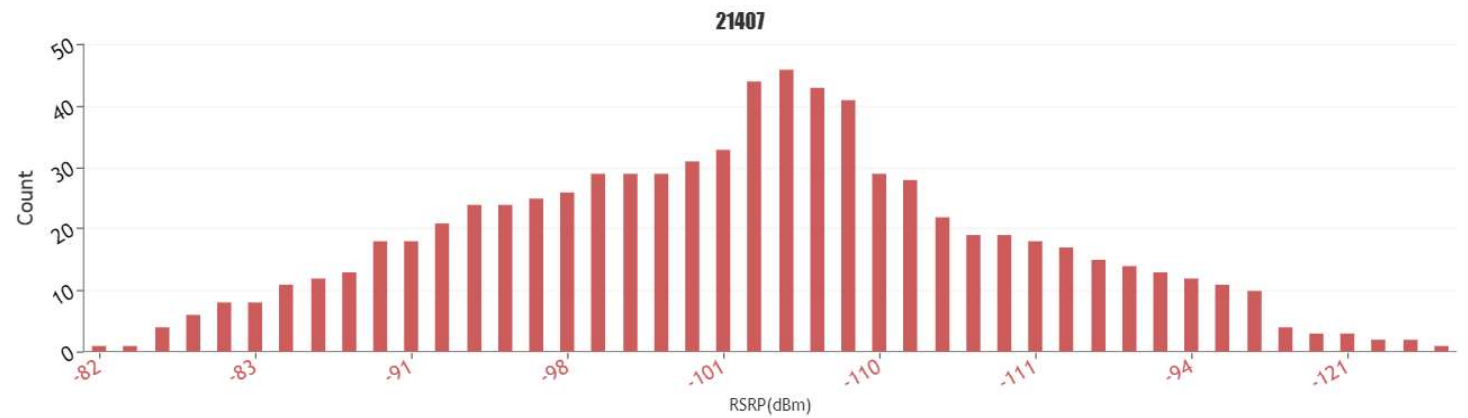
MOVISTAR SERVEI DE DADES, MAPA DE NIVELL DE SENYAL 4G, L'ALBI



RSRP KPI statistics per mobile operator for 21407\_Movistar

Operators	21407
>= to -89dBm	12.0712 % (count : 95)
B/w -99dBm to -90dBm	27.0648 % (count : 213)
B/w -112dBm to -100dBm	48.9199 % (count : 385)
<= -113dBm	11.9441 % (count : 94)
Total Geo samples	787

RSRP distribution chart per mobile operator for 21407\_Movistar

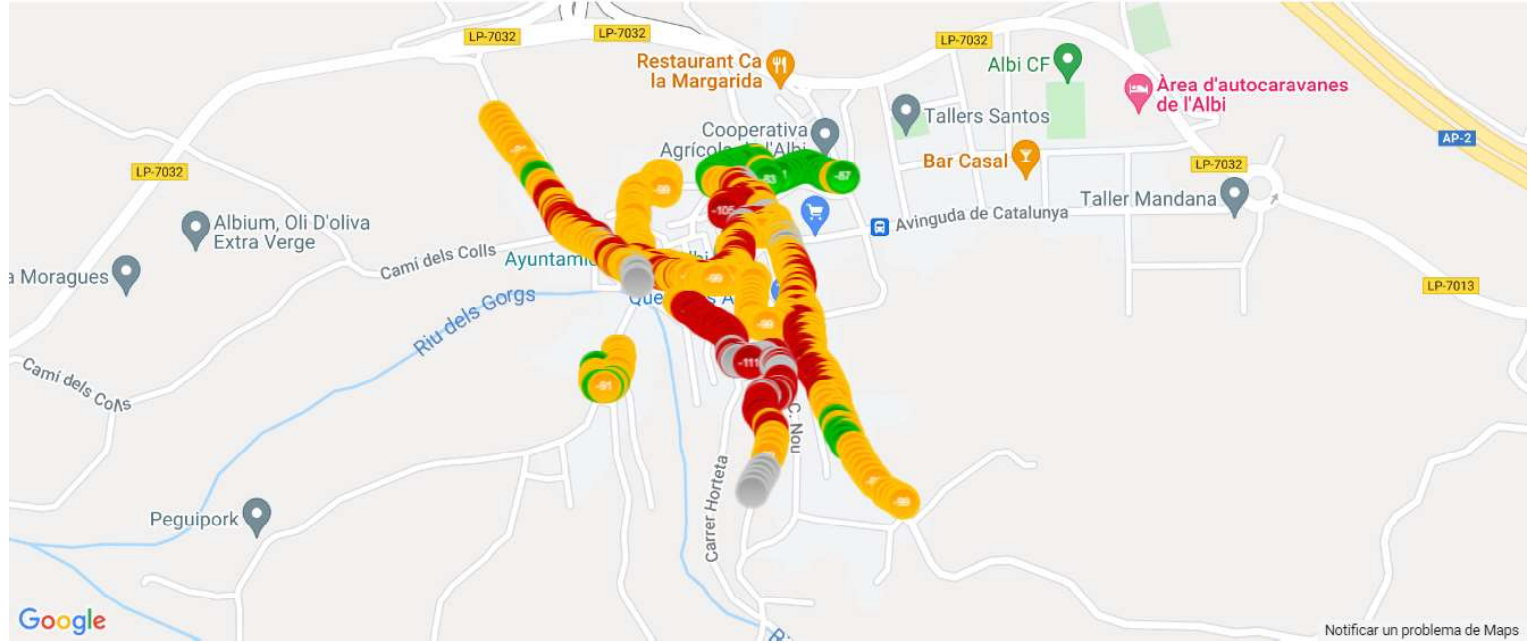


## RSSI view



RSSI KPI statistics per mobile operator for operator 21407\_Movistar

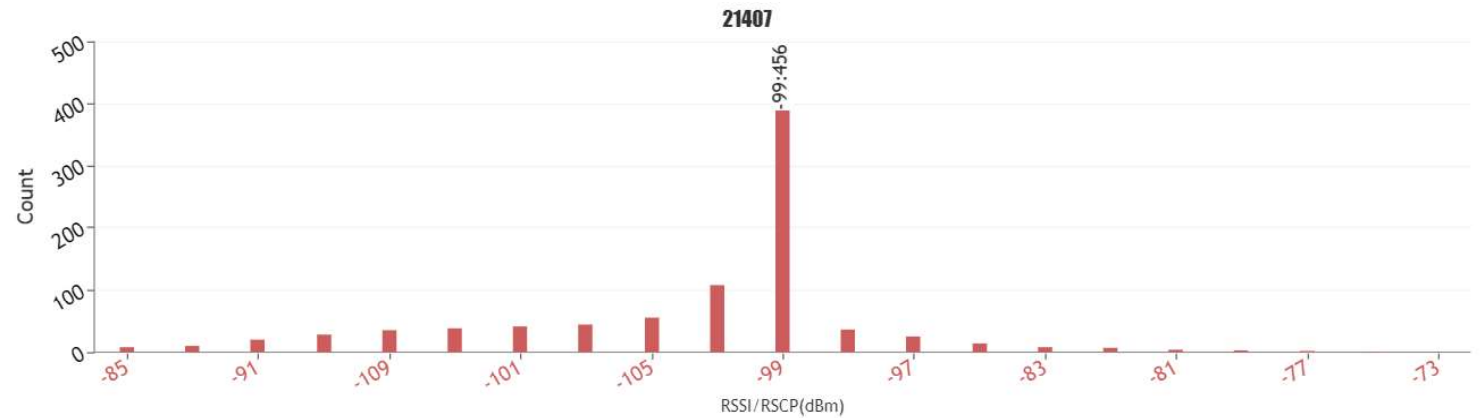
MOVISTAR SERVEI DE DADES, MAPA DE NIVELL DE SENYAL 3G, L'ALBI



RSSI KPI statistics per mobile operator for 21407\_Movistar

Operators	21407
>= -89dBm	5.3998 % (count : 52)
B/w -99dBm to -90dBm	56.8017 % (count : 547)
B/w -112dBm to -100dBm	26.4798 % (count : 255)
<= -113dBm	11.3188 % (count : 109)
Total Geo samples	963

RSSI distribution chart per mobile operator for 21407\_Movistar



# RantCell User QoE test report



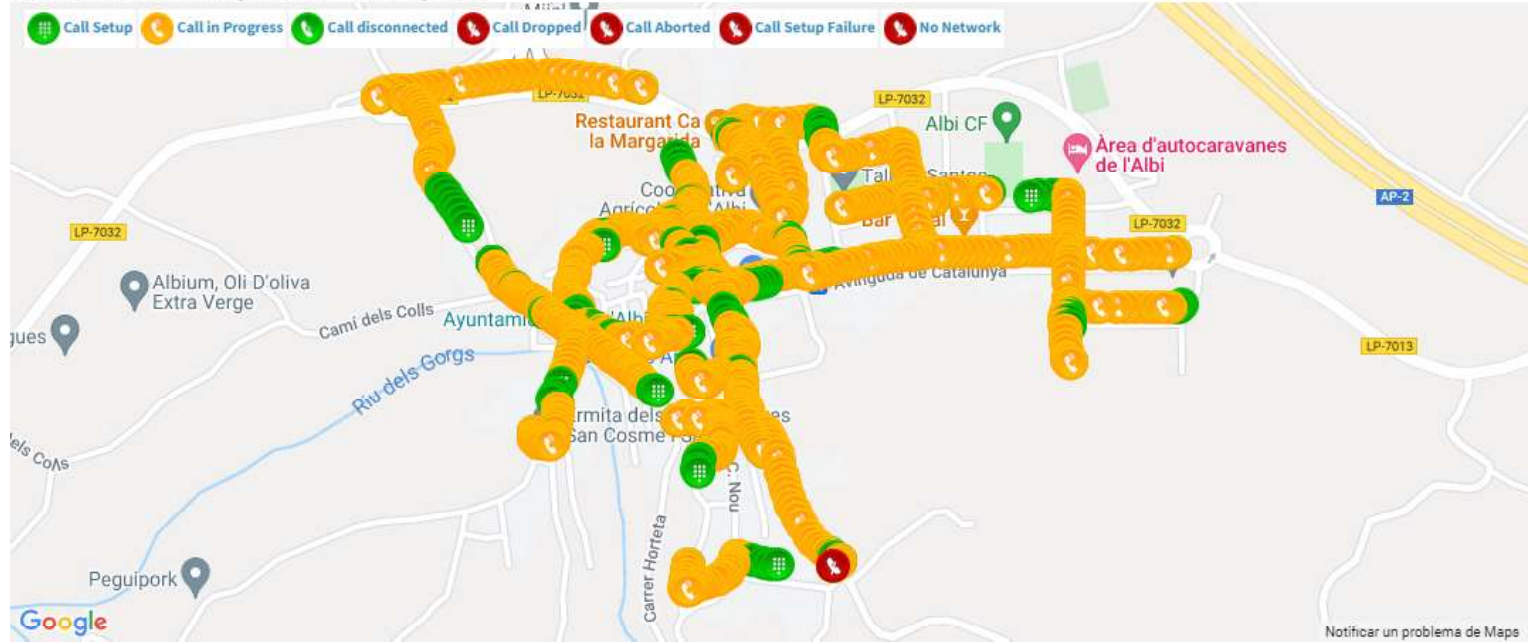
OperatorName	21401_vodafone ES
Test phone Model/Models	Samsung SM-A226B
Report Generation Time	Mar 24, 2022 12:11:32 PM
Test StartTime	Mar 21, 2022 3:22:50 PM
Test EndTime	Mar 21, 2022 3:59:51 PM
Voice Call Test	Yes

## Voice call test report



Call test view of mobile operators for 21401\_vodafone ES

### VODAFONE SERVEI DE VEU, MAPA DE TRUCADES, L'ALBI



Call test KPI statistics per mobile operator for 21401\_vodafone ES

Operators	21401
Total Calls Success	40
Total Calls Attempted	42
Total Calls Failed	2
Dropped Calls	2
Aborted Calls	0
CallSetup Failed	0
No Network <a href="#">?</a>	0
Attempted Voice call on 2G <a href="#">?</a>	0
Attempted Voice call on 3G <a href="#">?</a>	8
Successful CSFB call to 2G <a href="#">?</a>	2
Successful CSFB call to 3G <a href="#">?</a>	31

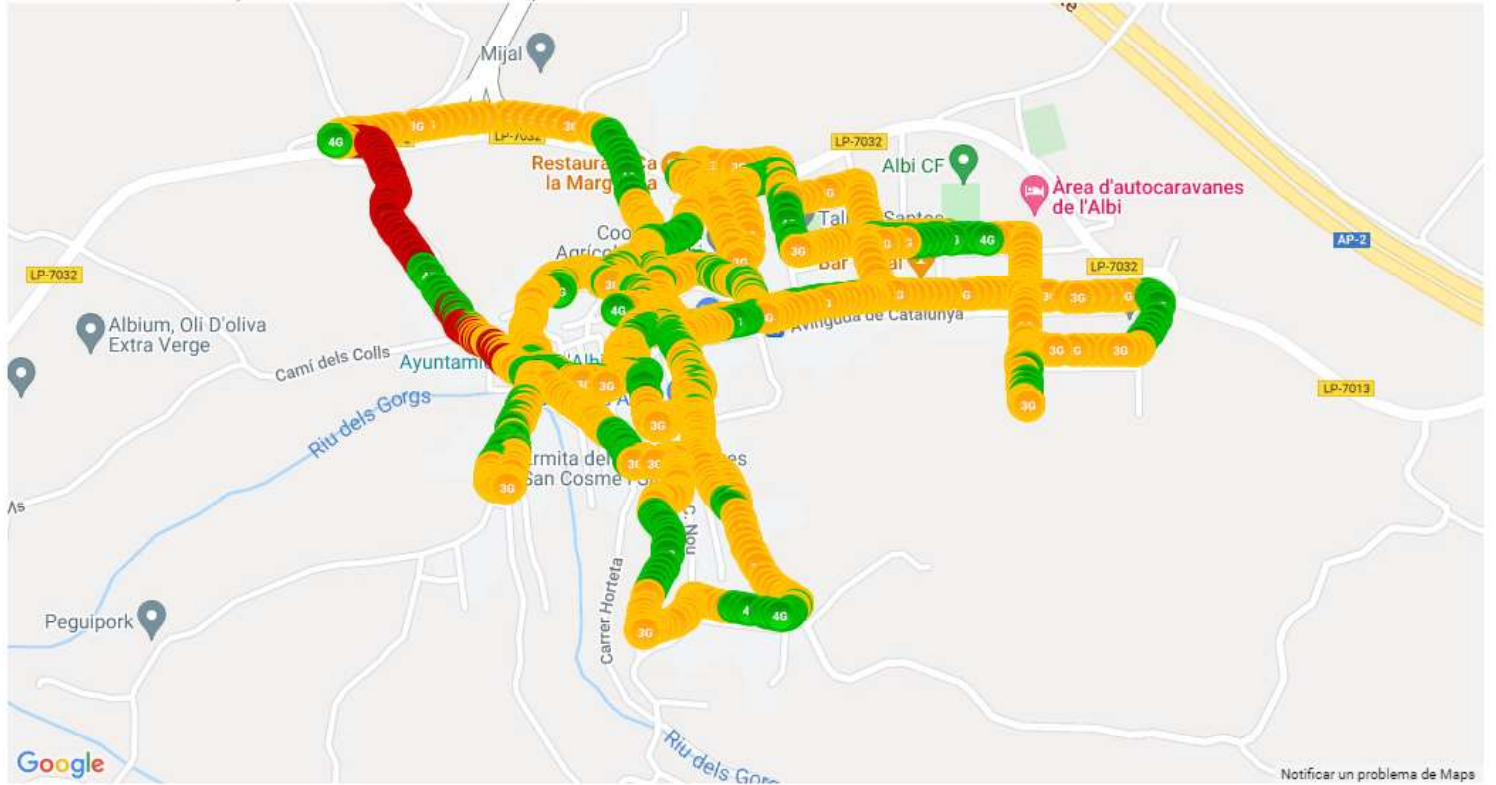


# User perceived mobile network coverage during tests



mobile network coverage during tests for operators 21401\_vodafone ES

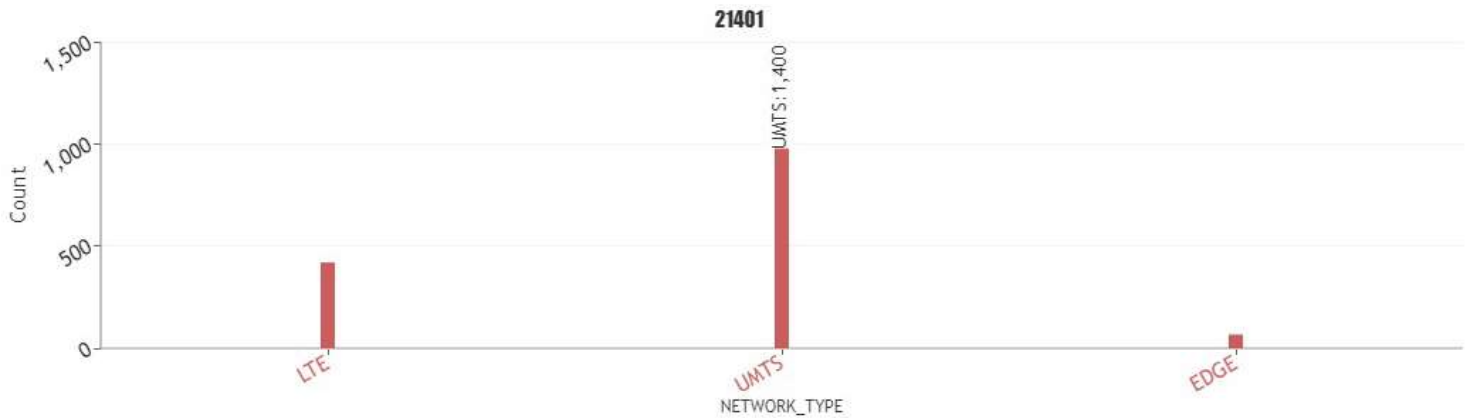
VODAFONE SERVEI DE VEU, ACCÉS A XARXES DE L'OPERADOR, L'ALBI



## RAN technology statistics per mobile network operator for 21401\_vodafone ES

Network Type	21401
5G	0.0000%
4G	22.1810%
3G	74.1133%
2G	3.7057%
CDMA	0.0000%
NONNETWORK	0.0000%
Total Geo samples	1889

## RAN technology distribution chart per mobile network operator for 21401\_vodafone ES



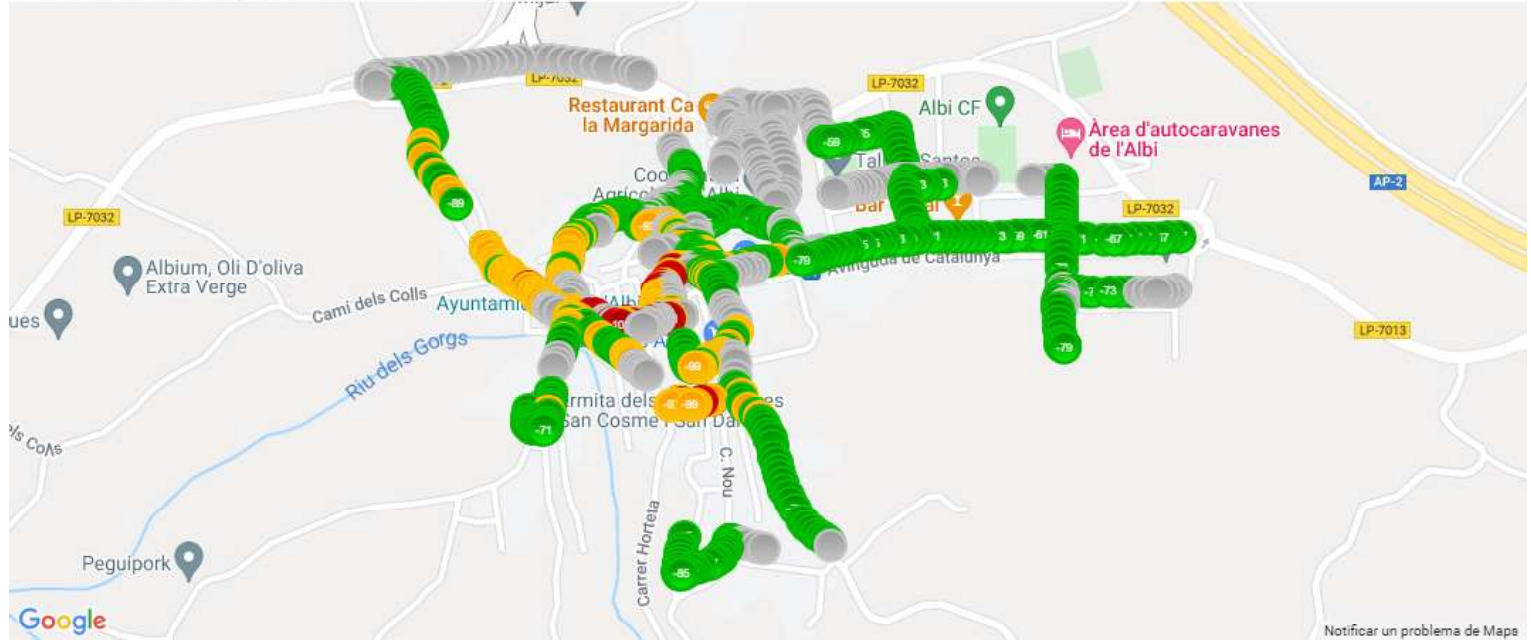


# RSSI view



RSSI KPI statistics per mobile operator for operator 21401\_vodafone ES

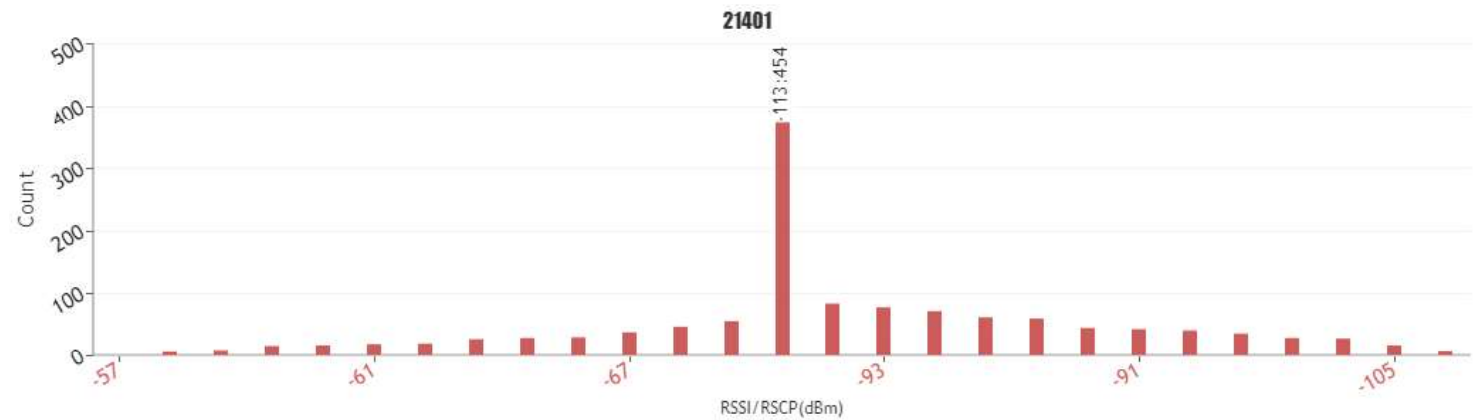
VODAFONE SERVEI DE VEU, MAPA DE NIVELL DE SENYAL, L'ALBI



RSSI KPI statistics per mobile operator for 21401\_vodafone ES

Operators	21401
>= -89dBm	43.9184 % (count : 603)
B/w -99dBm to -90dBm	19.0823 % (count : 262)
B/w -112dBm to -100dBm	3.9330 % (count : 54)
<= -113dBm	33.0663 % (count : 454)
Total Geo samples	1373

RSSI distribution chart per mobile operator for 21401\_vodafone ES



# RantCell User QoE test report



OperatorName	21401_vodafone ES
Test phone Model/Models	Samsung SM-A226B
Report Generation Time	Mar 25, 2022 12:56:14 PM
Test StartTime	Mar 21, 2022 3:23:41 PM
Test EndTime	Mar 21, 2022 3:59:38 PM
Download Speed Test	Yes

## Download speed test report

Download speed test view for 21401\_vodafone ES



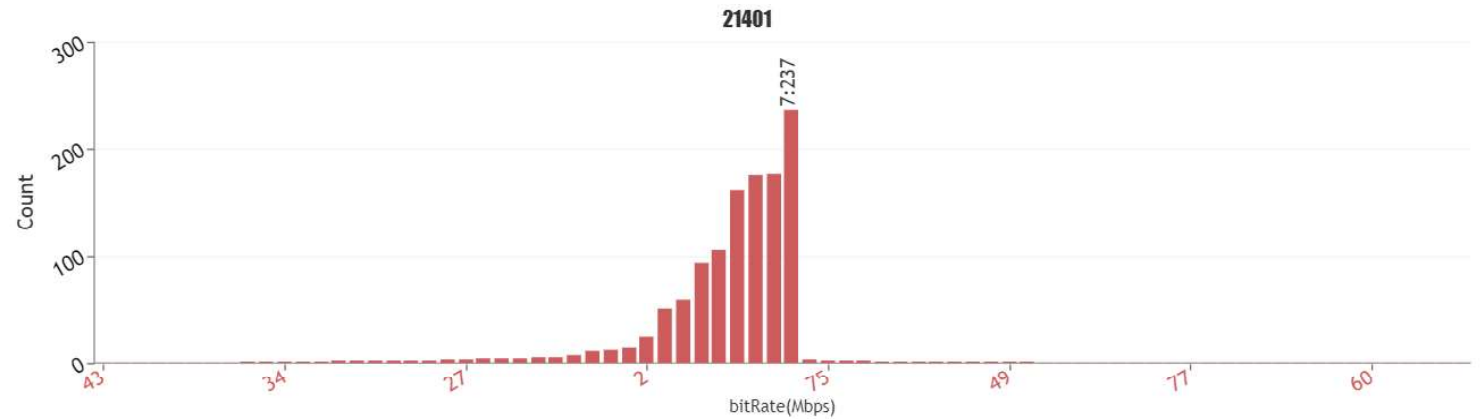
### VODAFONE SERVEI DE DADES, MAPA DE VELOCITATS DE DESCÀRREGA, L'ALBI



### Download test KPI statistics per mobile operator for 21401\_vodafone ES

Operators	21401
above 1.2Mbps	98.9699 % (count : 1249)
0.4Mbps - 1.2Mbps	0.5547 % (count : 7)
0Mbps - 0.4Mbps	0.4754 % (count : 6)
Average (mbps)	9.89
Peak Speed (mbps)	88.93
Lowest Recorded (mbps)	0
Total Geo samples	1262

### Download test distribution chart per mobile operators for 21401\_vodafone ES



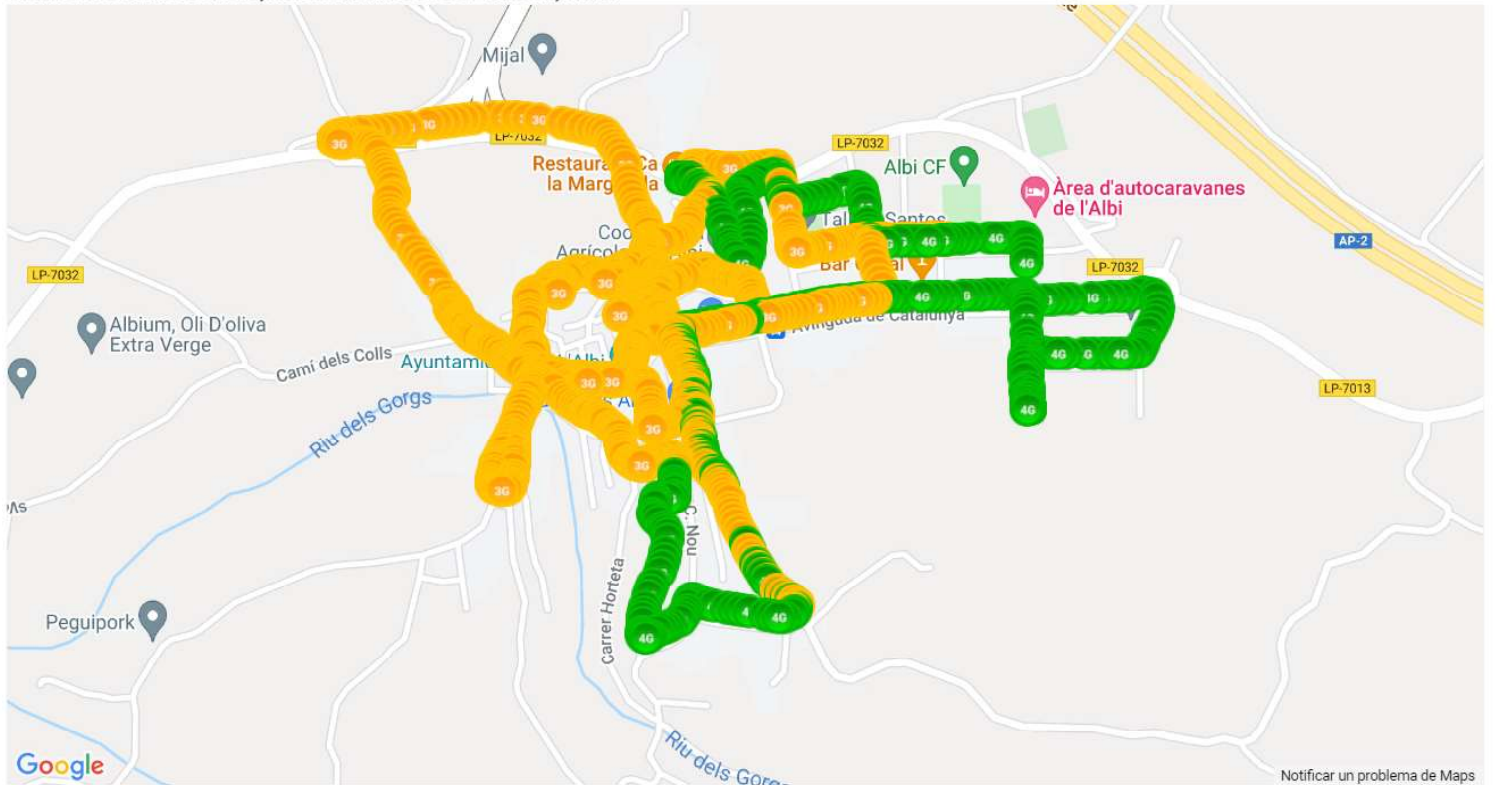
# User perceived mobile network coverage during tests



mobile network coverage during tests for operators 21401\_vodafone ES



VODAFONE SERVEI DE DADES, ACCÉS A XARXES DE L'OPERADOR, L'ALBI



## RAN technology statistics per mobile network operator for 21401\_vodafone ES

Network Type	21401
5G	0.0000%
4G	22.6867%
3G	77.3133%
2G	0.0000%
CDMA	0.0000%
NONNETWORK	0.0000%
Total Geo samples	1794

## RAN technology distribution chart per mobile network operator for 21401\_vodafone ES



## RSRP view

RSRP KPI statistics per mobile operator for operator 21401\_vodafone ES

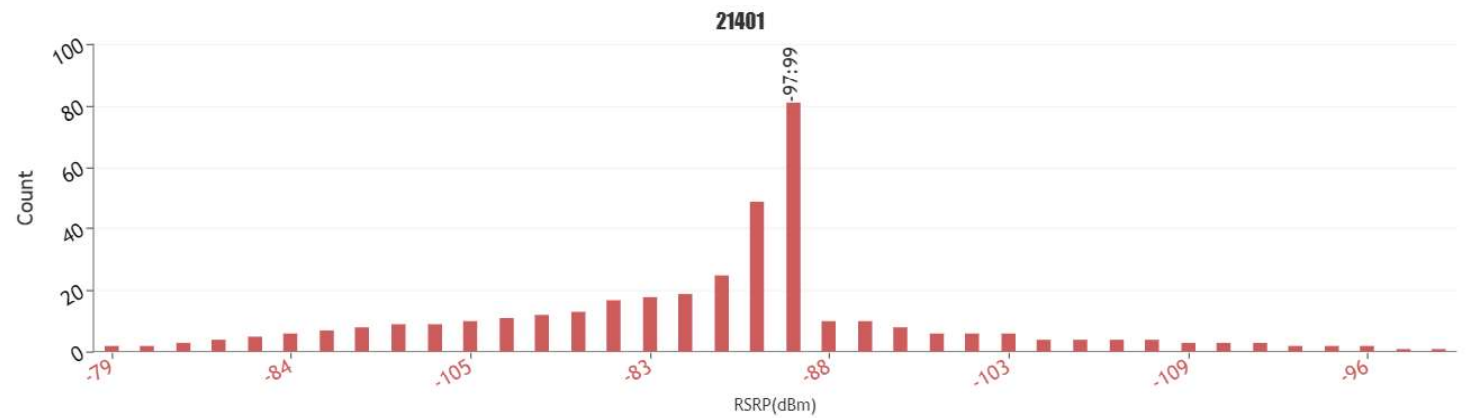
VODAFONE SERVEI DE DADES, MAPA DE NIVELL DE SENYAL 4G, L'ALBI



RSRP KPI statistics per mobile operator for 21401\_vodafone ES

Operators	21401
<b>&gt;= to -89dBm</b>	39.0663 % (count : 159)
<b>B/w -99dBm to -90dBm</b>	40.5405 % (count : 165)
<b>B/w -112dBm to -100dBm</b>	17.1990 % (count : 70)
<b>&lt;= -113dBm</b>	3.1941 % (count : 13)
Total Geo samples	407

RSRP distribution chart per mobile operator for 21401\_vodafone ES



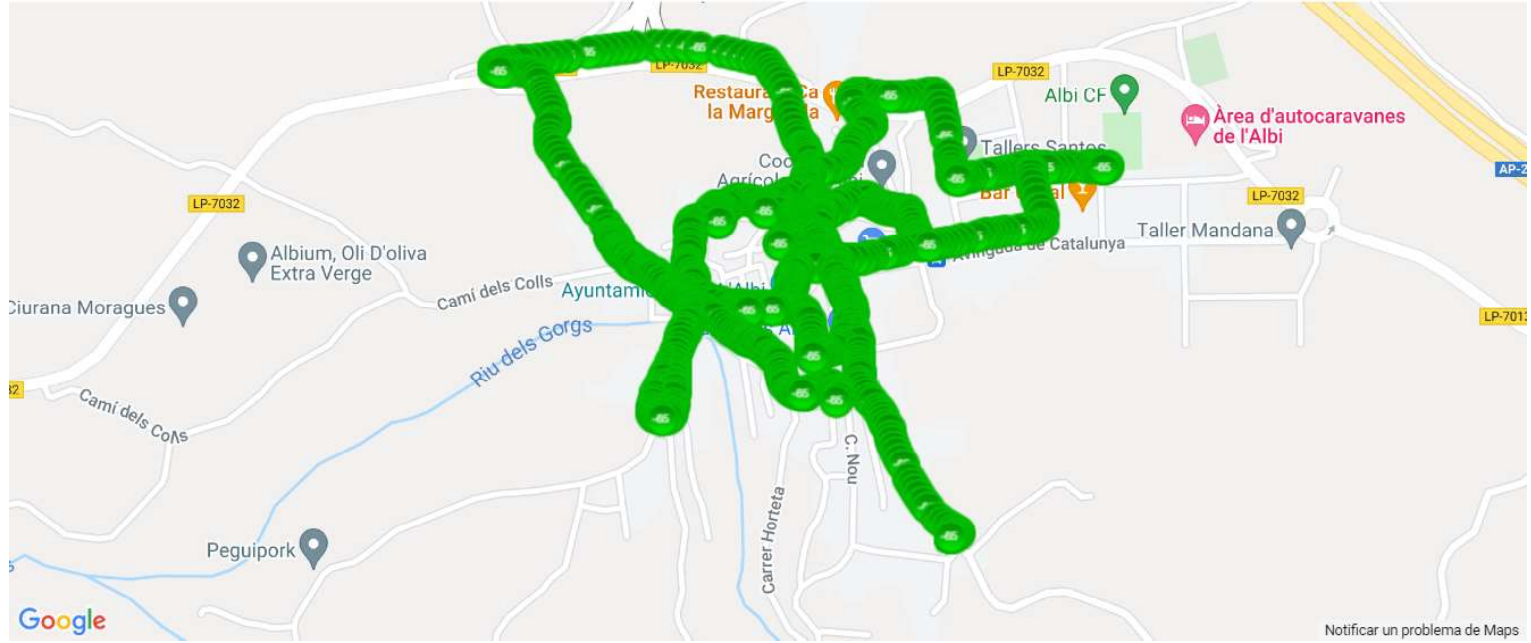


# RSSI view



RSSI KPI statistics per mobile operator for operator 21401\_vodafone ES

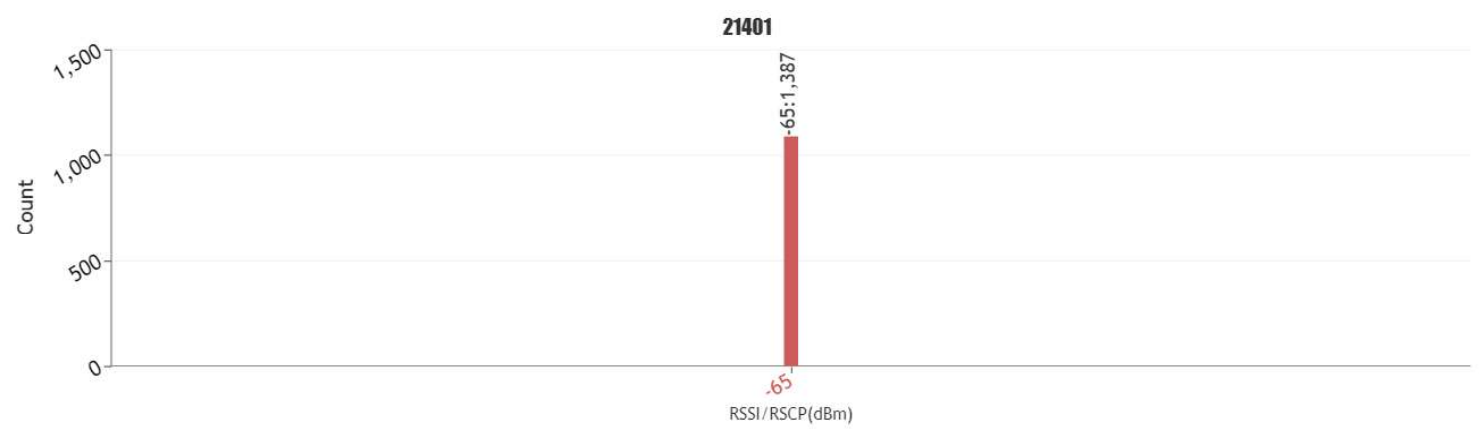
VODAFONE SERVEI DE DADES, MAPA DE NIVELL DE SENYAL 3G, L'ALBI



RSSI KPI statistics per mobile operator for 21401\_vodafone ES

Operators	21401
>= -89dBm	100.0000 % (count : 1387)
B/w -99dBm to -90dBm	0 % (count : 0)
B/w -112dBm to -100dBm	0 % (count : 0)
< -113dBm	0 % (count : 0)
Total Geo samples	1387

RSSI distribution chart per mobile operator for 21401\_vodafone ES





# RantCell User QoE test report

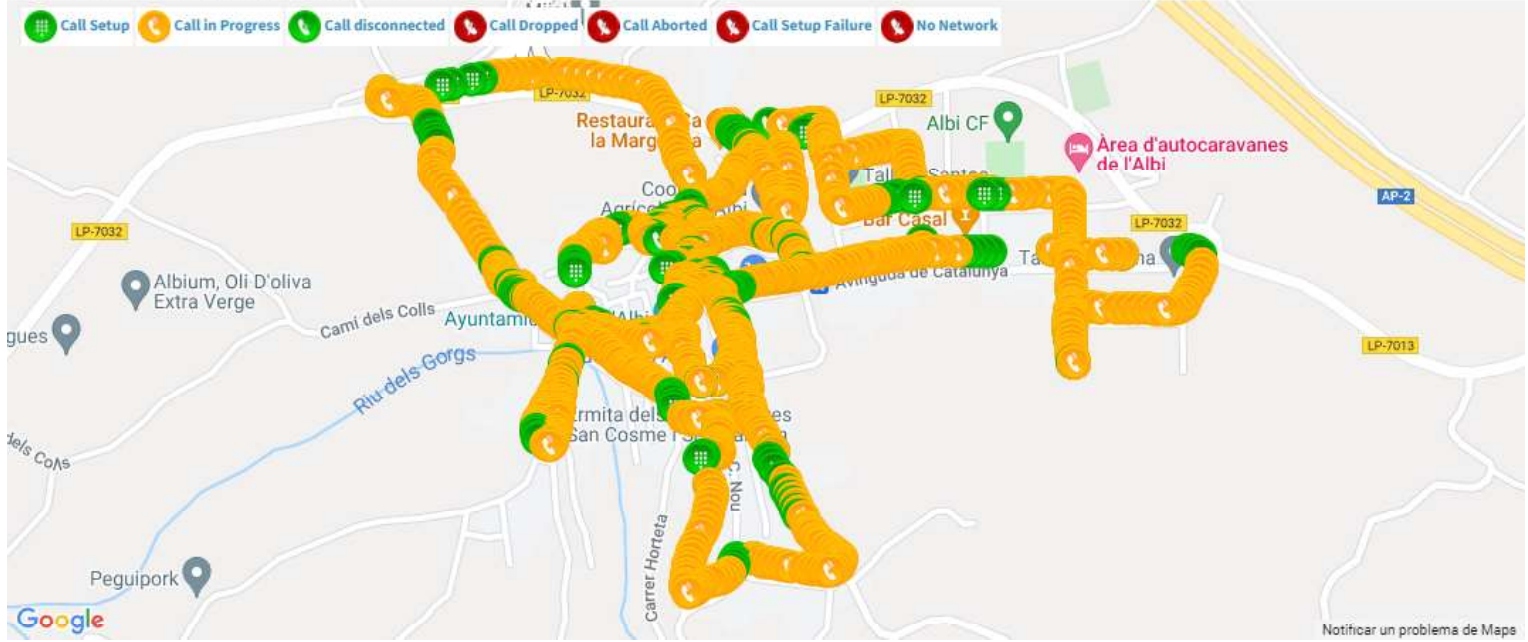


OperatorName	21403_Orange
Test phone Model/Models	Samsung SM-A226B
Report Generation Time	Mar 24, 2022 8:02:33 AM
Test StartTime	Mar 21, 2022 3:23:09 PM
Test EndTime	Mar 21, 2022 3:59:24 PM
Voice Call Test	Yes

## Voice call test report

Call test view of mobile operators for 21403\_Orange

### ORANGE SERVEI DE VEU, MAPA DE TRUCADES, L'ALBI



Call test KPI statistics per mobile operator for 21403\_Orange

Operators	21403
Total Calls Success	44
Total Calls Attempted	45
Total Calls Failed	1
Dropped Calls	1
Aborted Calls	0
CallSetup Failed	0
No Network	0
Attempted Voice call on 2G	0
Attempted Voice call on 3G	7
Successful CSFB call to 3G	38

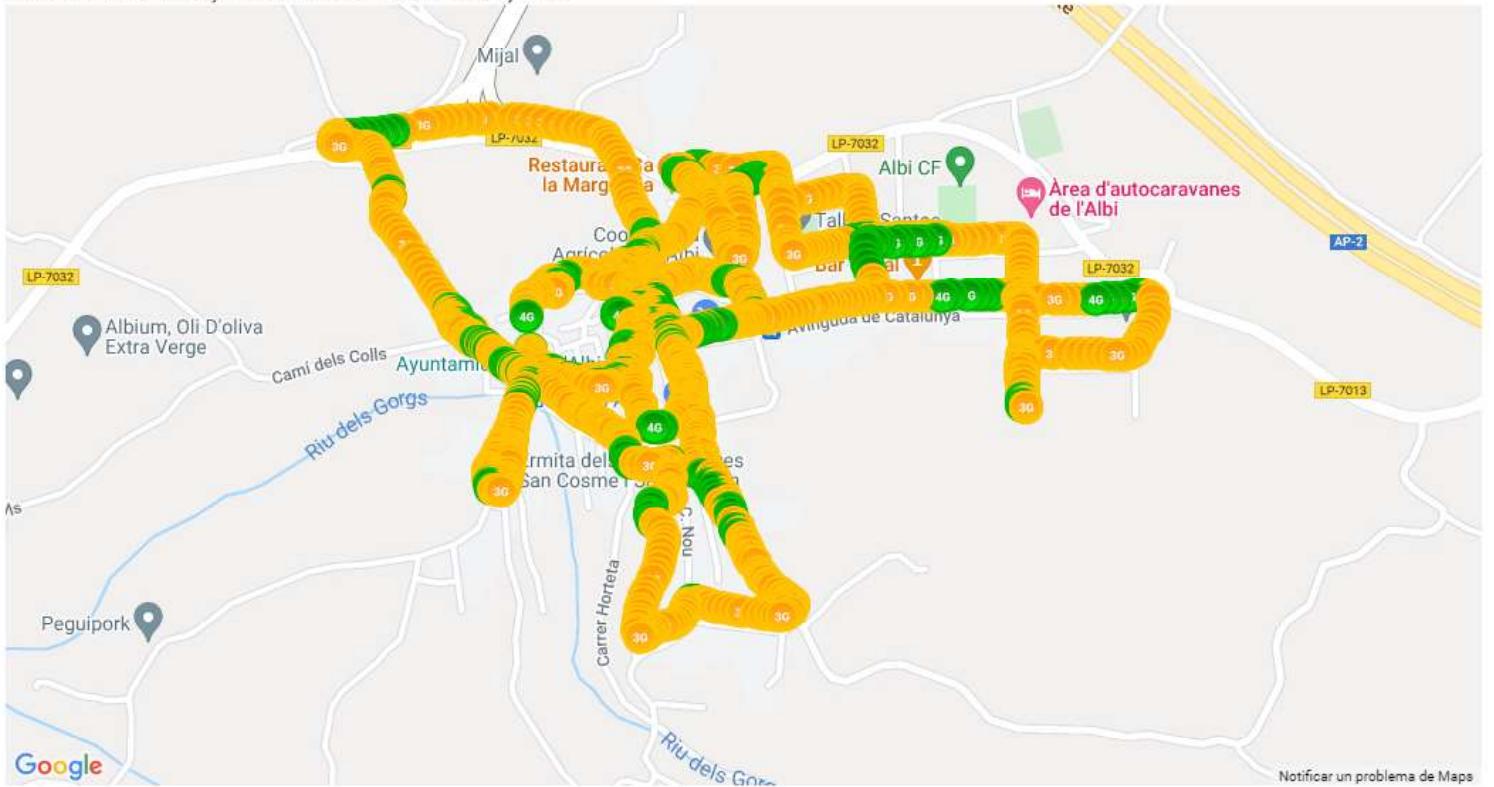
# User perceived mobile network coverage during tests



mobile network coverage during tests for operators 21403\_Orange



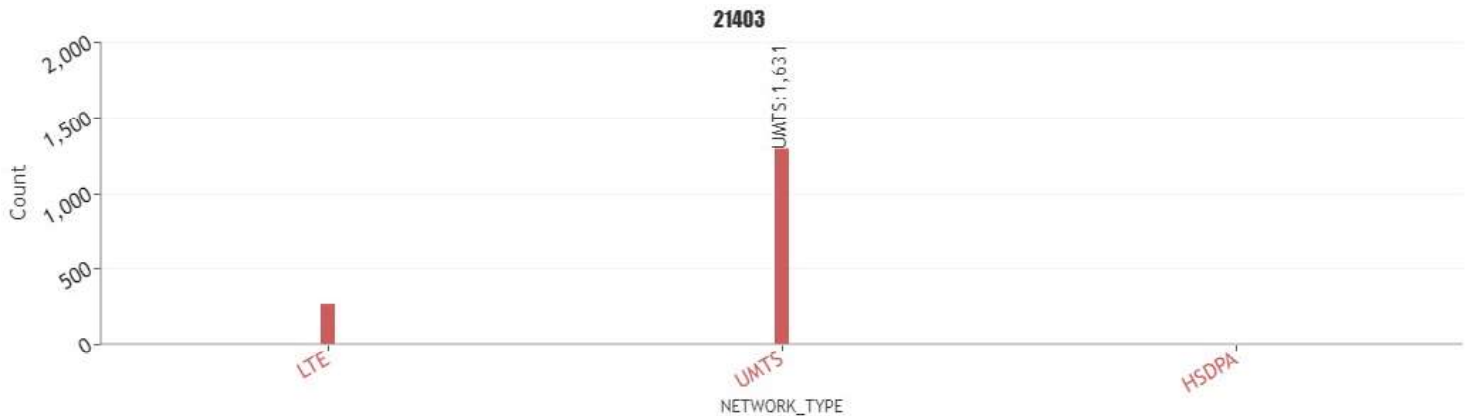
ORANGE SERVEI DE VEU, ACCÉS A XARXES DE L'OPERADOR, L'ALBI



## RAN technology statistics per mobile network operator for 21403\_Orange

Network Type	21403
5G	0.0000%
4G	14.0600%
3G	85.9400%
2G	0.0000%
CDMA	0.0000%
NONNETWORK	0.0000%
Total Geo samples	1899

## RAN technology distribution chart per mobile network operator for 21403\_Orange

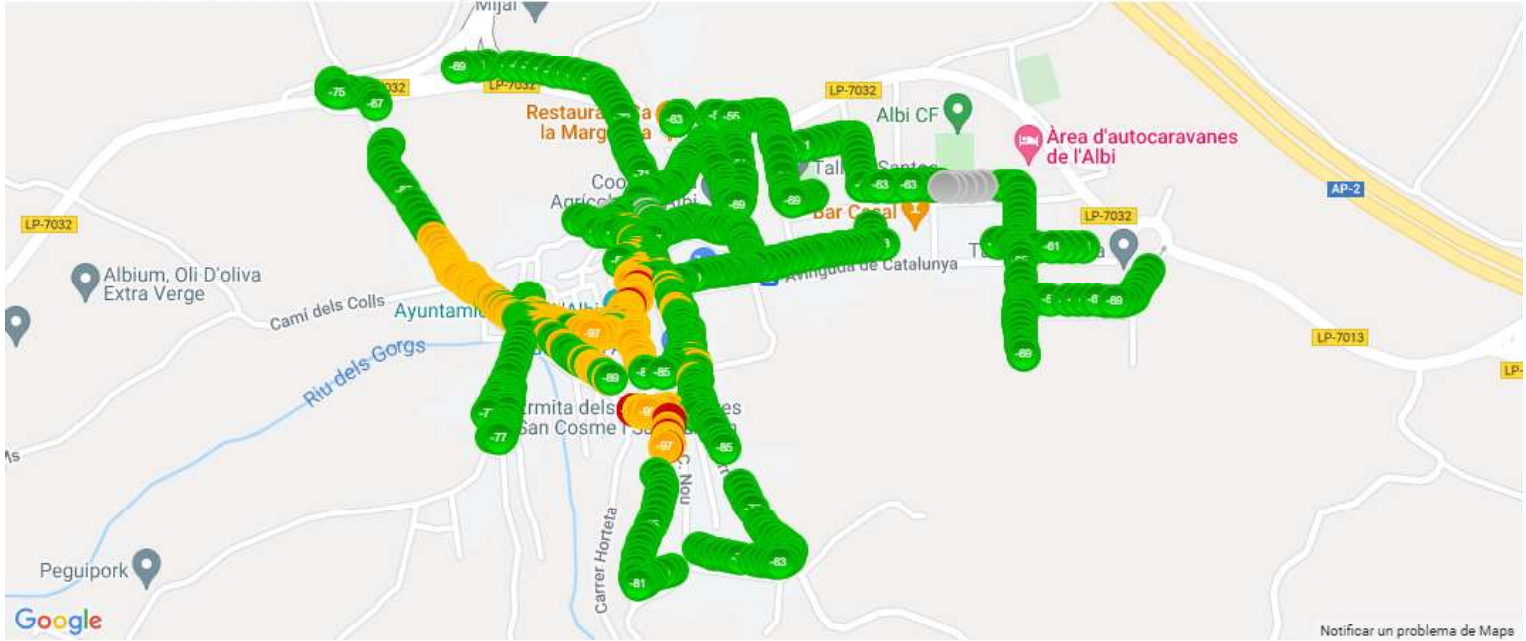


## RSSI view



RSSI KPI statistics per mobile operator for operator 21403\_Orange

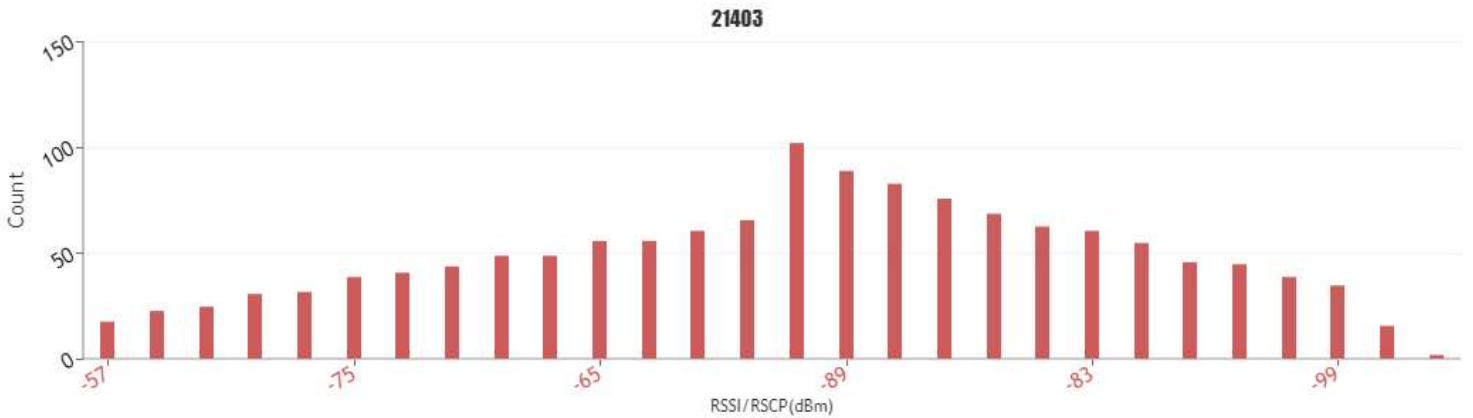
ORANGE SERVEI DE VEU, MAPA DE NIVELL DE SENYAL, L'ALBI



RSSI KPI statistics per mobile operator for 21403\_Orange

Operators	21403
>= -89dBm	74.6900 % (count : 1024)
B/w -99dBm to -90dBm	21.7360 % (count : 298)
B/w -112dBm to -100dBm	1.3129 % (count : 18)
<= -113dBm	2.2611 % (count : 31)
Total Geo samples	1371

RSSI distribution chart per mobile operator for 21403\_Orange



# RantCell User QoE test report



OperatorName	21403_Orange
Test phone Model/Models	Samsung SM-A226B
Report Generation Time	Mar 25, 2022 12:59:33 PM
Test StartTime	Mar 21, 2022 3:23:28 PM
Test EndTime	Mar 21, 2022 3:59:36 PM
Download Speed Test	Yes

## Download speed test report

Download speed test view for 21403\_Orange



### ORANGE SERVEI DE DADES, MAPA DE VELOCITATS DE DESCÀRREGA, L'ALBI

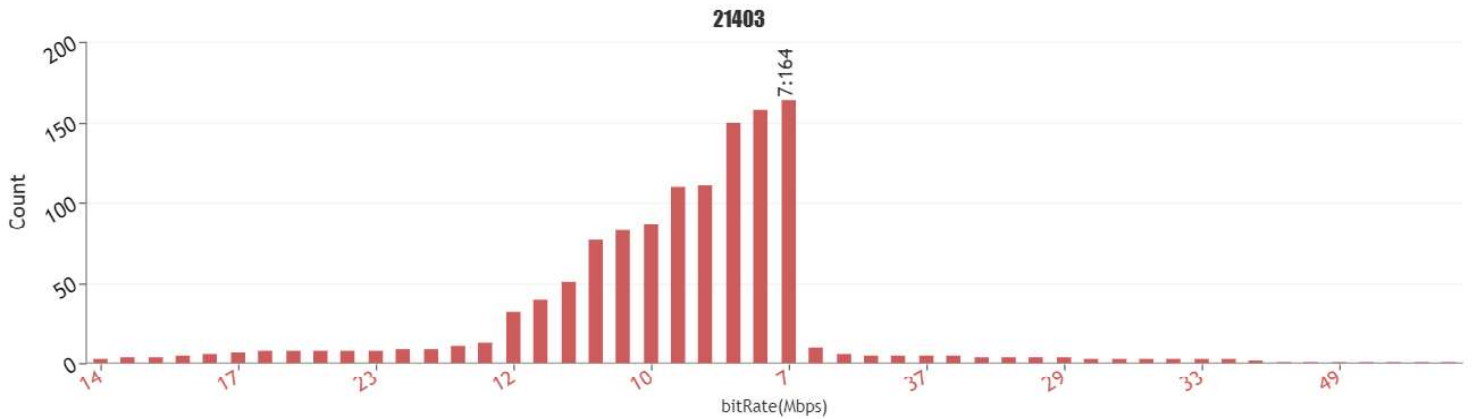


Notificar un problema de Maps

### Download test KPI statistics per mobile operator for 21403\_Orange

Operators	21403
above 1.2Mbps	99.1221 % (count : 1242)
0.4Mbps - 1.2Mbps	0.4789 % (count : 6)
0Mbps - 0.4Mbps	0.3990 % (count : 5)
Average (mbps)	9.66
Peak Speed (mbps)	50.59
Lowest Recorded (mbps)	0
Total Geo samples	1253

### Download test distribution chart per mobile operators for 21403\_Orange



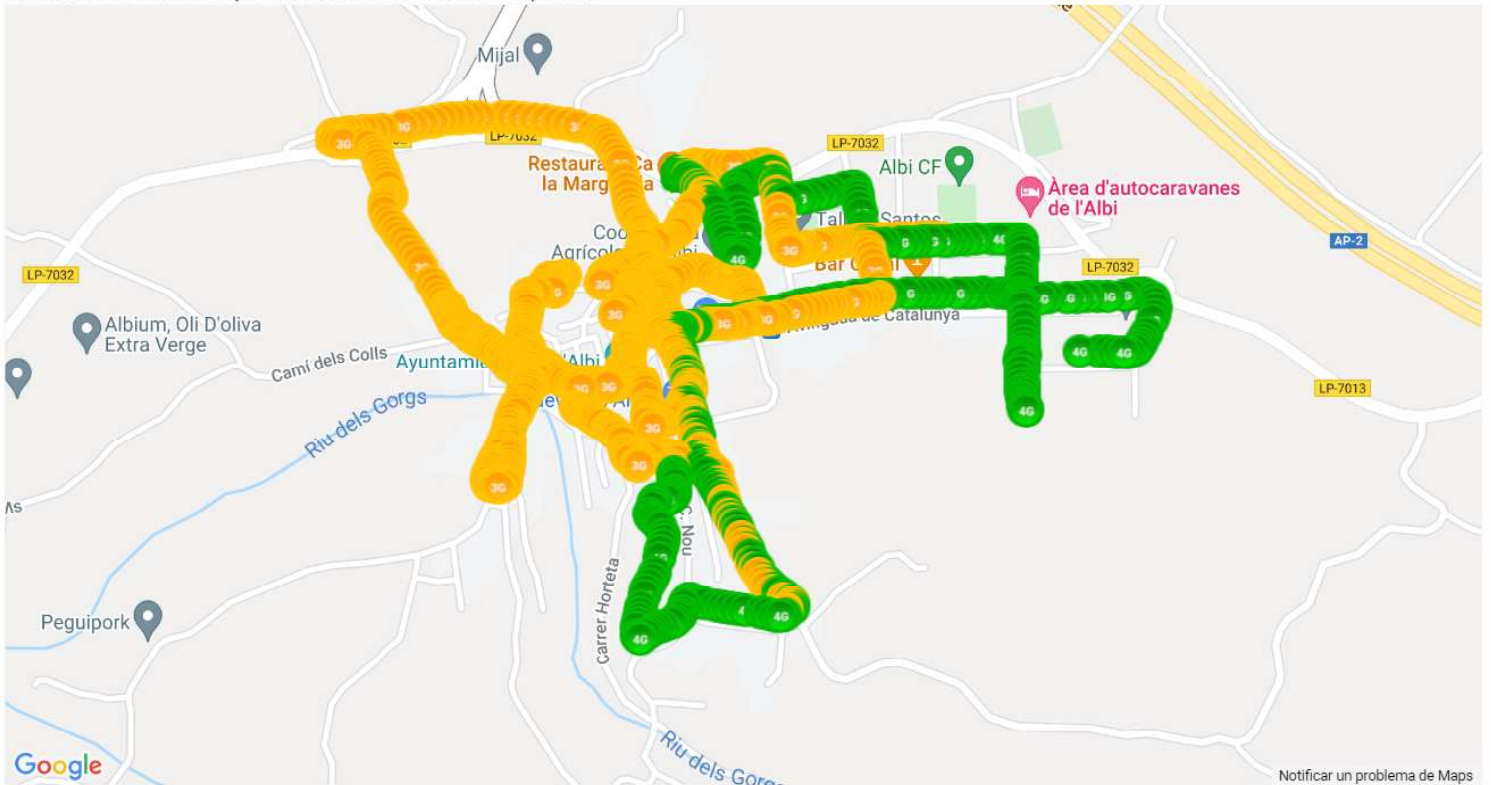


# User perceived mobile network coverage during tests



mobile network coverage during tests for operators 21403\_Orange

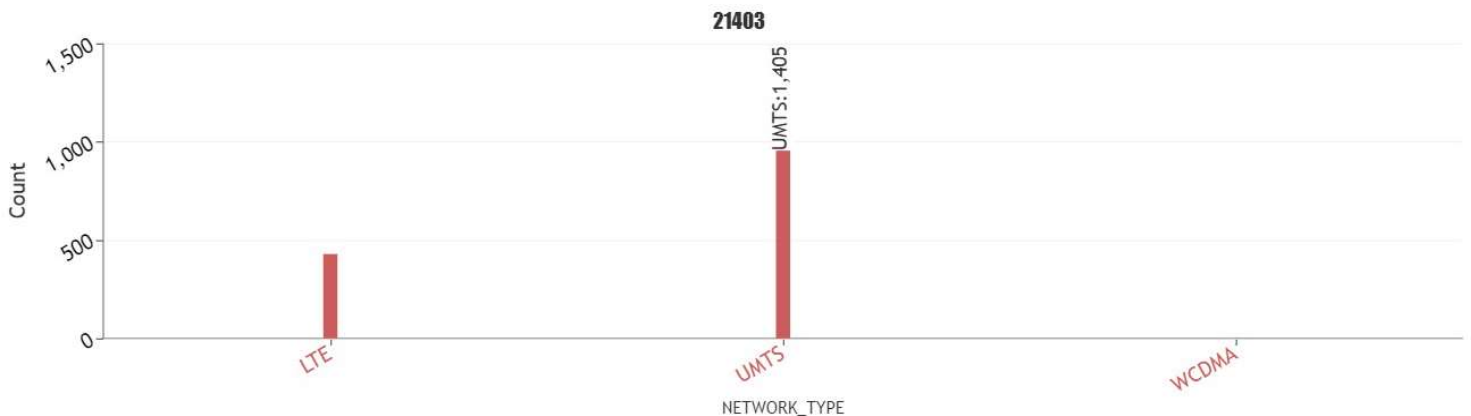
ORANGE SERVEI DE DADES, ACCÉS A XARXES DE L'OPERADOR, L'ALBI



## RAN technology statistics per mobile network operator for 21403\_Orange

Network Type	21403
5G	0.0000%
4G	23.4622%
3G	76.5378%
2G	0.0000%
CDMA	0.0000%
NONNETWORK	0.0000%
Total Geo samples	1837

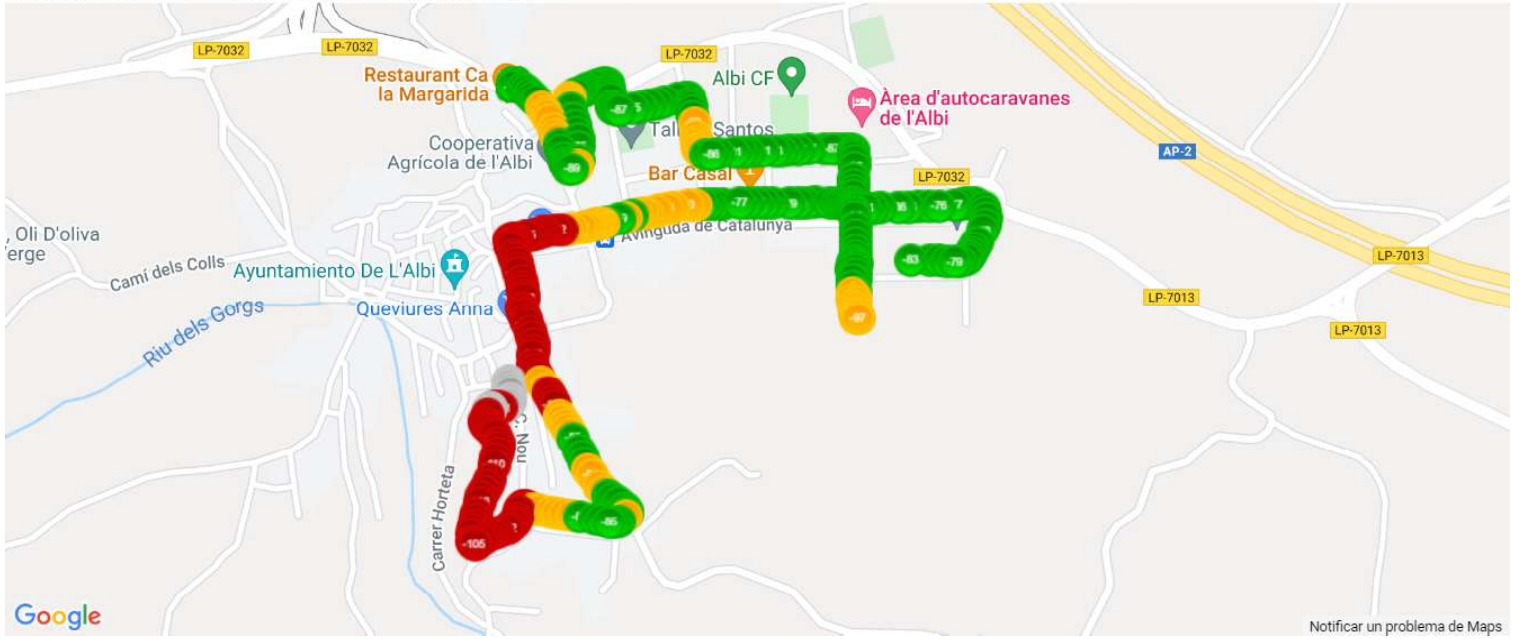
## RAN technology distribution chart per mobile network operator for 21403\_Orange



## RSRP view

RSRP KPI statistics per mobile operator for operator 21403\_Orange

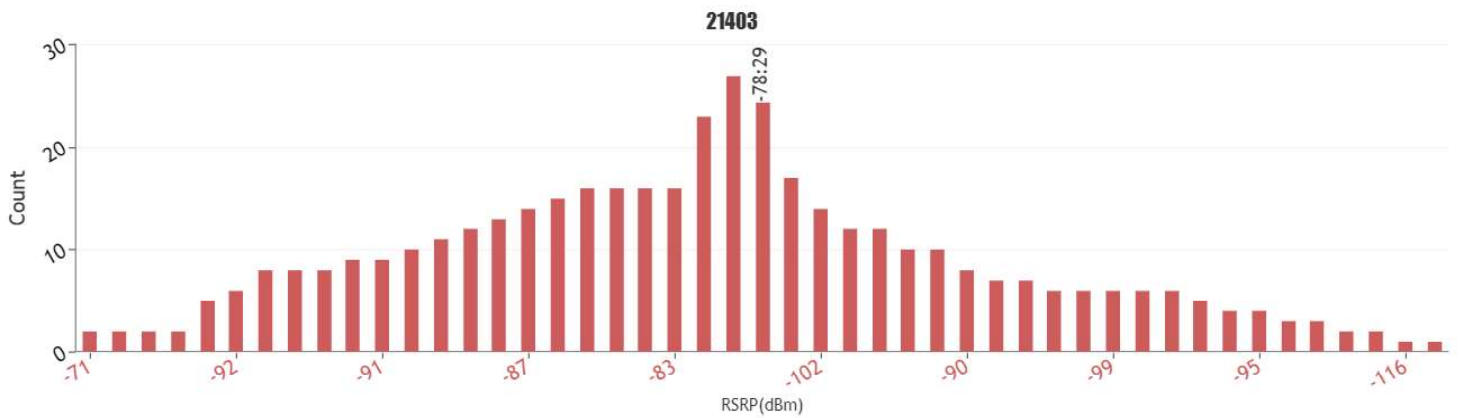
ORANGE SERVEI DE DADES, MAPA DE NIVELL DE SENYAL 4G, L'ALBI



RSRP KPI statistics per mobile operator for 21403\_Orange

Operators	21403
<b>&gt;= to -89dBm</b>	55.9165 % (count : 241)
<b>B/w -99dBm to -90dBm</b>	19.0255 % (count : 82)
<b>B/w -112dBm to -100dBm</b>	21.8097 % (count : 94)
<b>&lt;= -113dBm</b>	3.2483 % (count : 14)
Total Geo samples	431

RSRP distribution chart per mobile operator for 21403\_Orange

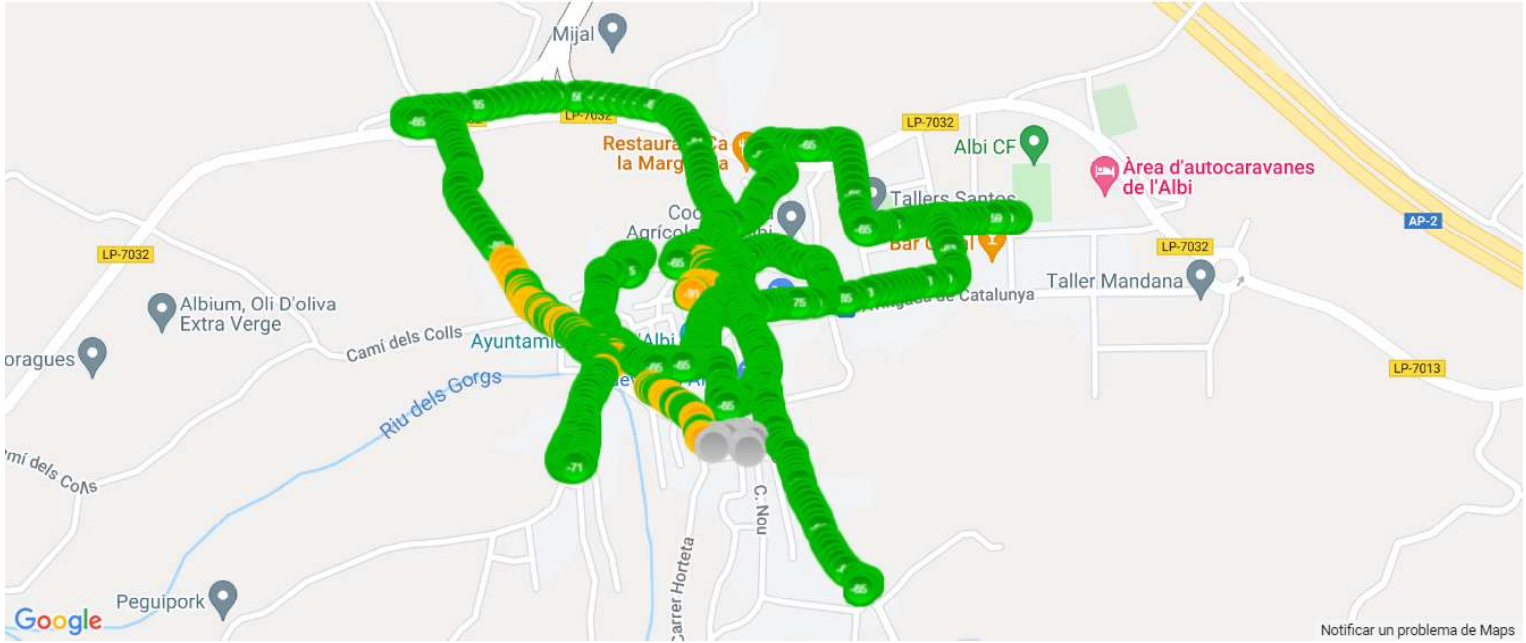


# RSSI view



RSSI KPI statistics per mobile operator for operator 21403\_Orange

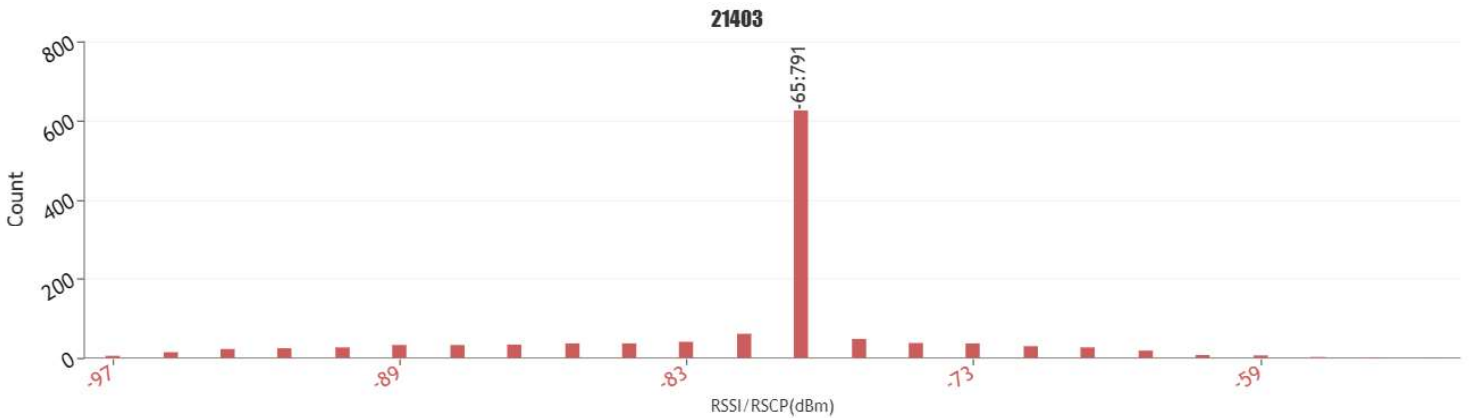
ORANGE SERVEI DE DADES, MAPA DE NIVELL DE SENYAL 3G, L'ALBI



RSSI KPI statistics per mobile operator for 21403\_Orange

Operators	21403
<b>&gt;= -89dBm</b>	89.6159 % (count : 1260)
<b>B/w -99dBm to -90dBm</b>	5.9744 % (count : 84)
<b>B/w -112dBm to -100dBm</b>	0 % (count : 0)
<b>&lt; -113dBm</b>	4.4097 % (count : 62)
Total Geo samples	1406

RSSI distribution chart per mobile operator for 21403\_Orange



## L'ESPLUGA CALBA: RESUM MESURES

OPERADOR	SERVEI DE VEU	SERVEI DE DADES
MOVISTAR	CORRECTE (3G)	CORRECTE (4G)
VODAFONE	CORRECTE (3G)	CORRECTE (3G)
ORANGE	CORRECTE (3G)	CORRECTE (3G)

Comentaris:

No es troben deficiències significatives de servei de veu o dades de cap operador.

Disposen de fibra de Adamo als carrers del poble que s'ampliarà per donar servei a la resta del terme.

Servei de Orange i Vodafone en una granja al nord del poble. Servei de Movistar a l'extrem sud-est del poble.





Espluga Calba



### VODAFONE ESPAÑA, S.A.

Estación: 084198

Dirección: VP POLIGON 1 PARCELA 264.  
ESPLUGA CALBA (L), LLEIDA

Posición: 41.501414 lat / 1.003375 lng

Elevación: **Sólo PRO**

ID	BANDA	MODOS*
1	949.90 - 959.90	2G 3G
1	949.90 - 959.90	2G 3G

### ORANGE ESPAGNE, S.A.U.

Estación: CATR9847A

Dirección: PG POLIGONO 1 PARCELA 264.  
ESPLUGA CALBA (L), LLEIDA

Posición: 41.501414 lat / 1.003375 lng

Elevación: **Sólo PRO**

ID	BANDA	MODOS*
1	925.10 - 935.10	2G 3G
1	925.10 - 935.10	2G 3G



Espluga Calba



### TELEFONICA MOVILES ESPAÑA, S.A.U.

Estación: 2500221

Dirección: ZN Polígono 4 Parcela 3. ESPLUGA  
CALBA (L), LLEIDA

Posición: 41.494058 lat / 1.009069 lng

Elevación: **Sólo PRO**

ID	BANDA	MODOS*
1	852.00 - 862.00	4G
1	935.10 - 949.90	2G
1	935.10 - 949.90	2G

# RantCell User QoE test report



OperatorName	21407_Movistar
Test phone Model/Models	Samsung SM-A226B
Report Generation Time	Mar 23, 2022 8:47:16 AM
Test StartTime	Mar 21, 2022 1:00:44 PM
Test EndTime	Mar 21, 2022 1:28:34 PM
Voice Call Test	Yes

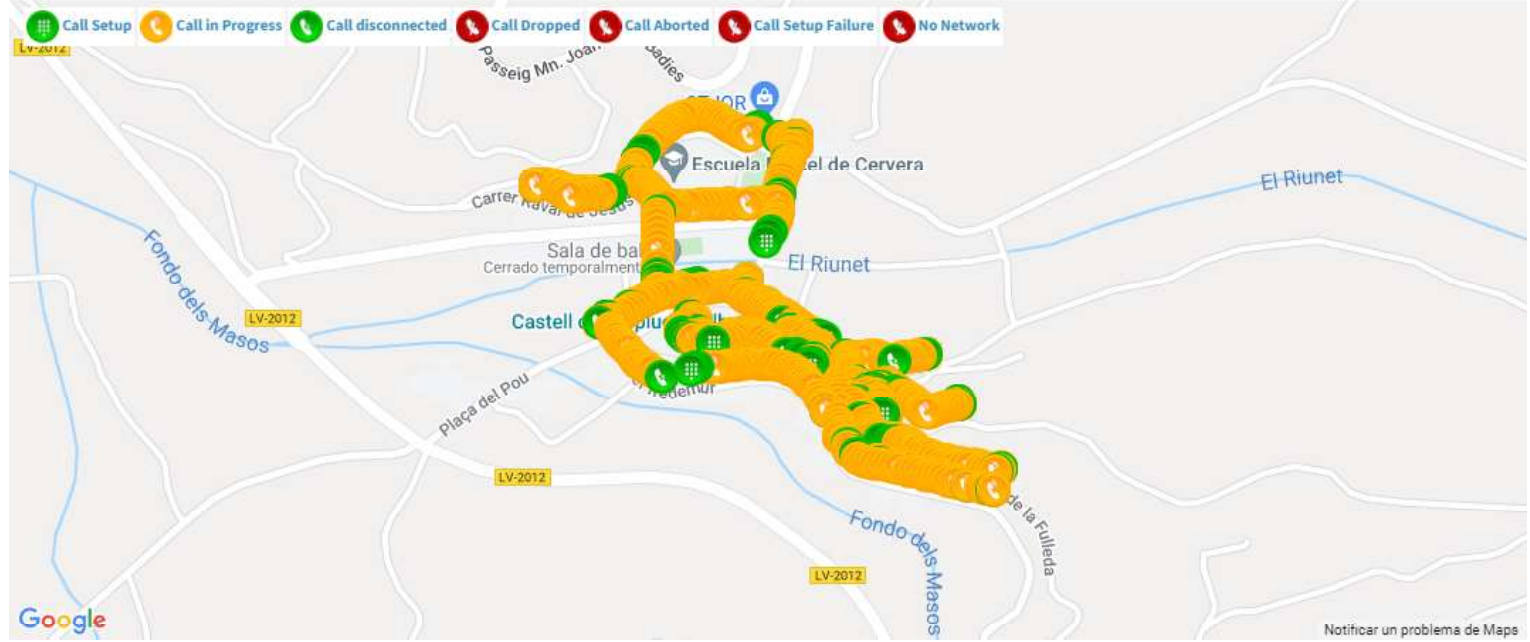


## Voice call test report

Call test view of mobile operators for 21407\_Movistar



### MOVISTAR SERVEI DE VEU, MAPA DE TRUCADES, L'ESPLUGA CALBA



Call test KPI statistics per mobile operator for 21407\_Movistar

Operators	21407
Total Calls Success	34
Total Calls Attempted	34
Total Calls Failed	0
Dropped Calls	0
Aborted Calls	0
CallSetup Failed	0
No Network	0
Attempted Voice call on 2G	0
Attempted Voice call on 3G	5
Successful CSFB call to 3G	29

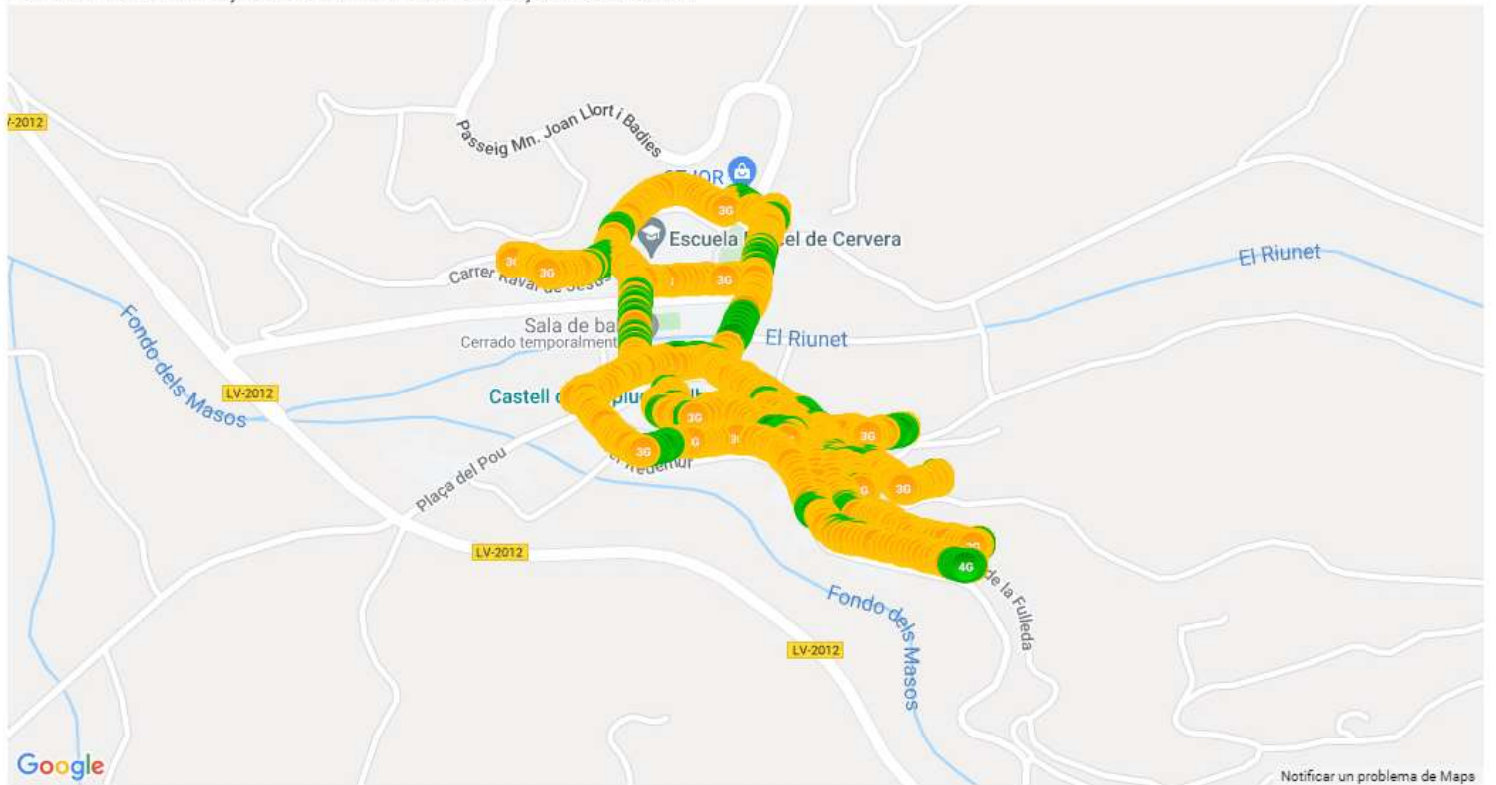
# User perceived mobile network coverage during tests



mobile network coverage during tests for operators 21407\_Movistar



MOVISTAR SERVEI DE VEU, ACCÉS A XARXES DE L'OPERADOR, L'ESPLUGA CALBA



## RAN technology statistics per mobile network operator for 21407\_Movistar

Network Type	21407
5G	0.0000%
4G	14.3544%
3G	85.6456%
2G	0.0000%
CDMA	0.0000%
NONNETWORK	0.0000%
Total Geo samples	1456

## RAN technology distribution chart per mobile network operator for 21407\_Movistar

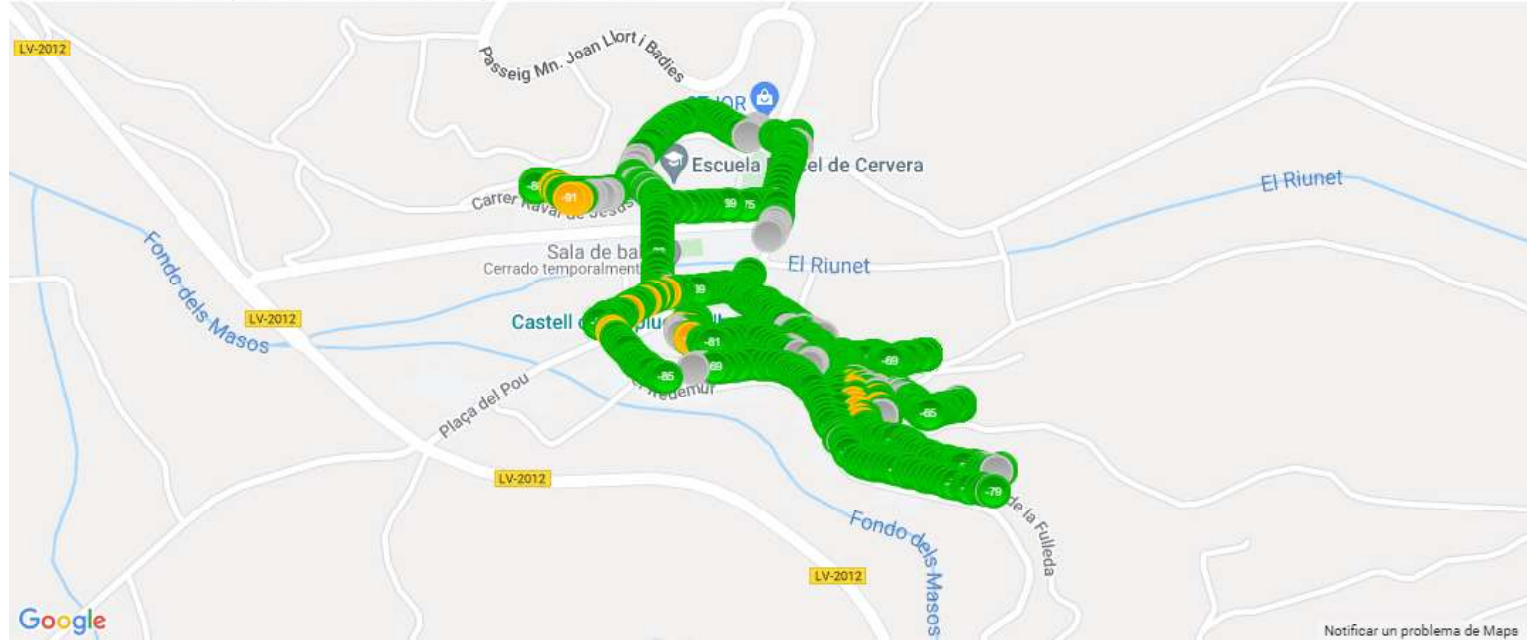


## RSSI view



RSSI KPI statistics per mobile operator for operator 21407\_Movistar

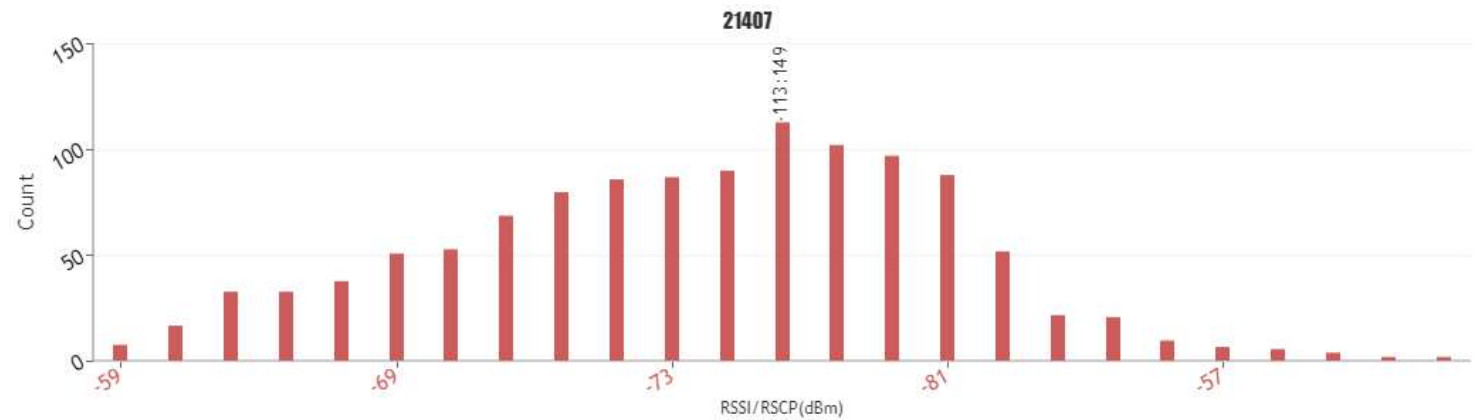
MOVISTAR SERVEI DE VEU, MAPA DE NIVELL DE SENYAL, L'ESPLUGA CALBA



RSSI KPI statistics per mobile operator for 21407\_Movistar

Operators	21407
>= -89dBm	83.5957 % (count : 1009)
B/w -99dBm to -90dBm	4.0597 % (count : 49)
B/w -112dBm to -100dBm	0 % (count : 0)
<= -113dBm	12.3447 % (count : 149)
Total Geo samples	1207

RSSI distribution chart per mobile operator for 21407\_Movistar



# RantCell User QoE test report



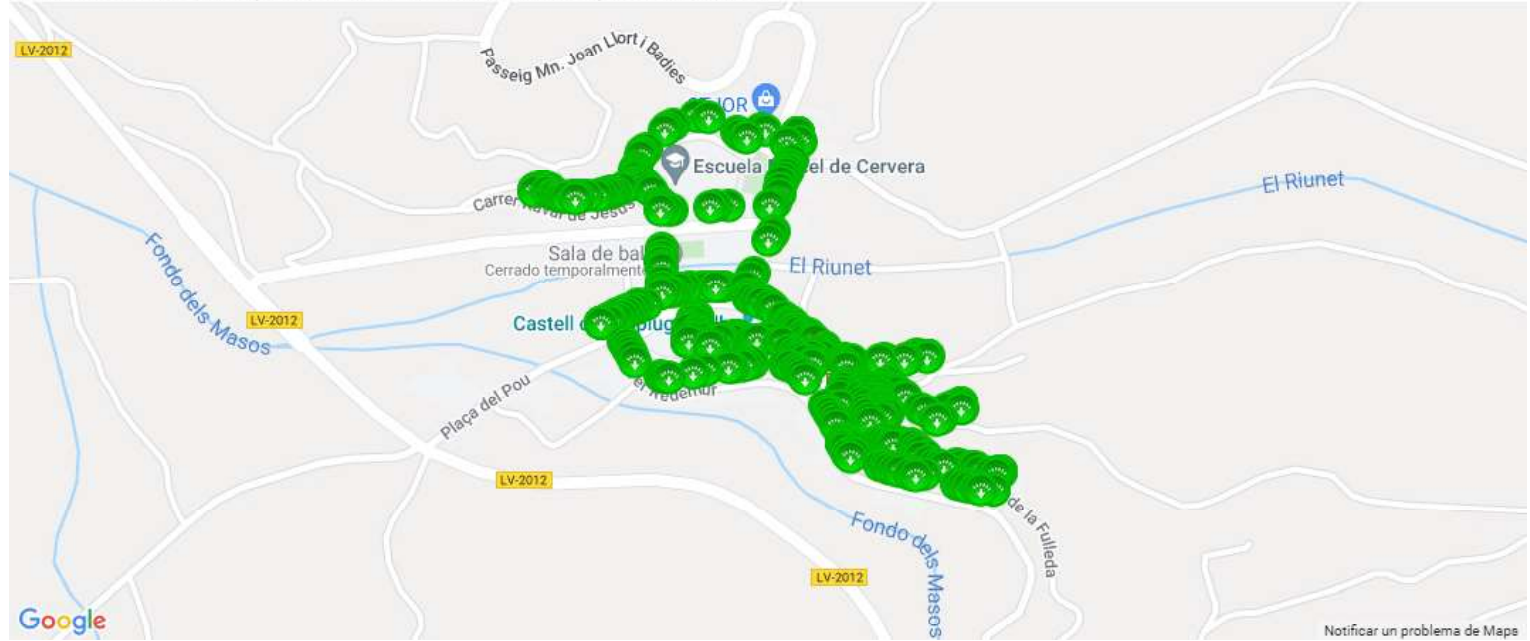
OperatorName	21407_Movistar
Test phone Model/Models	Samsung SM-A226B
Report Generation Time	Mar 23, 2022 8:52:14 AM
Test StartTime	Mar 21, 2022 1:00:59 PM
Test EndTime	Mar 21, 2022 1:28:14 PM
Download Speed Test	Yes

## Download speed test report

Download speed test view for 21407\_Movistar



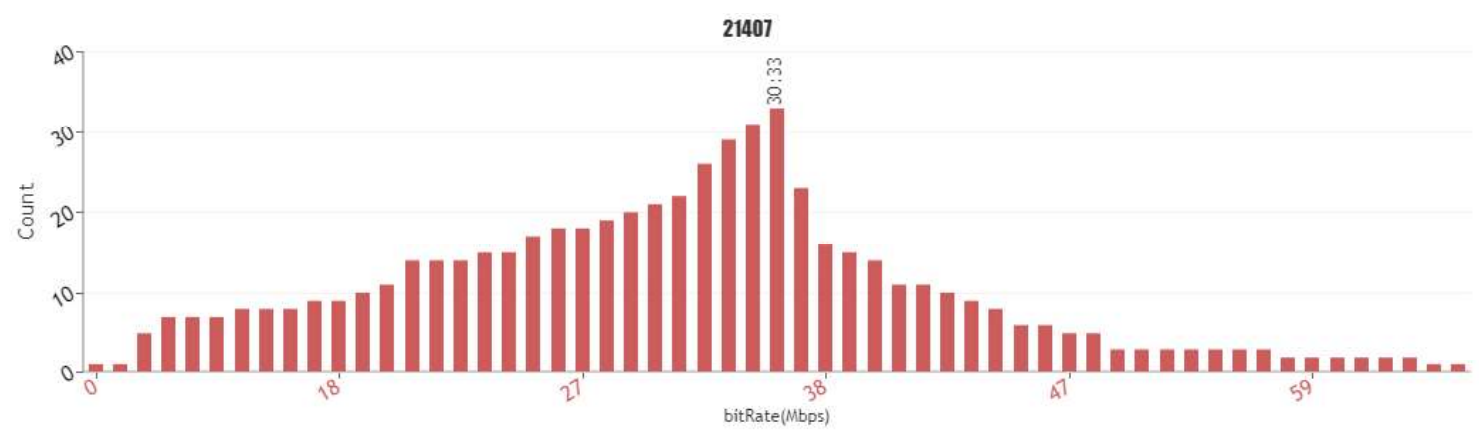
### MOVISTAR SERVEI DE DADES, MAPA DE VELOCITATS DE DESCÀRREGA, L'ESPLUGA CALBA



### Download test KPI statistics per mobile operator for 21407\_Movistar

Operators	21407
above 1.2Mbps	99.8308 % (count : 590)
0.4Mbps - 1.2Mbps	0 % (count : 0)
0Mbps - 0.4Mbps	0.1692 % (count : 1)
Average (mbps)	28.46
Peak Speed (mbps)	67.46
Lowest Recorded (mbps)	0
Total Geo samples	591

### Download test distribution chart per mobile operators for 21407\_Movistar



# User perceived mobile network coverage during tests



mobile network coverage during tests for operators 21407\_Movistar



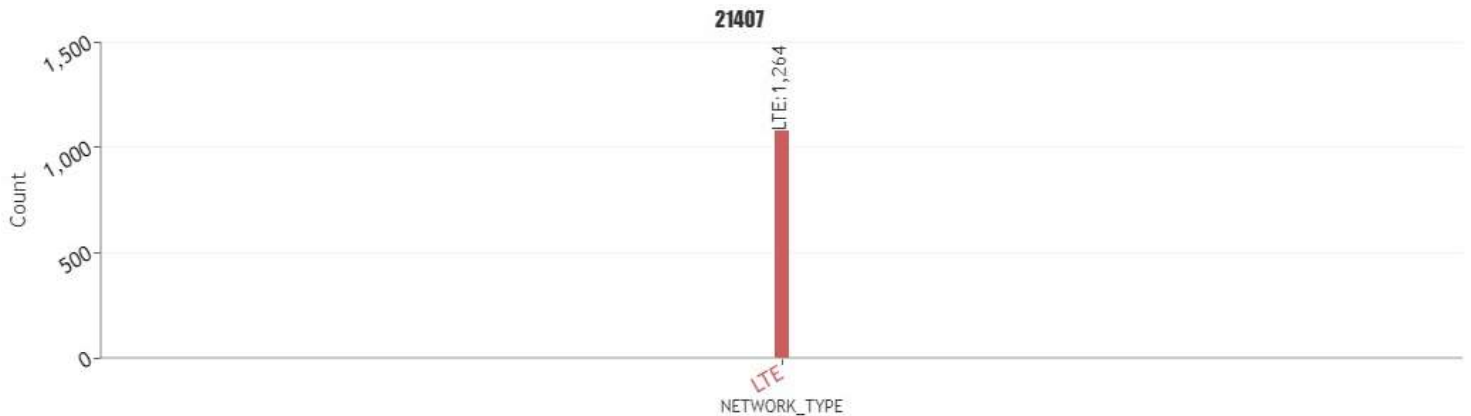
MOVISTAR SERVEI DE DADES, ACCÉS A XARXES DE L'OPERADOR, L'ESPLUGA CALBA



## RAN technology statistics per mobile network operator for 21407\_Movistar

Network Type	21407
5G	0.0000%
4G	100.0000%
3G	0.0000%
2G	0.0000%
CDMA	0.0000%
NONNETWORK	0.0000%
Total Geo samples	1264

## RAN technology distribution chart per mobile network operator for 21407\_Movistar

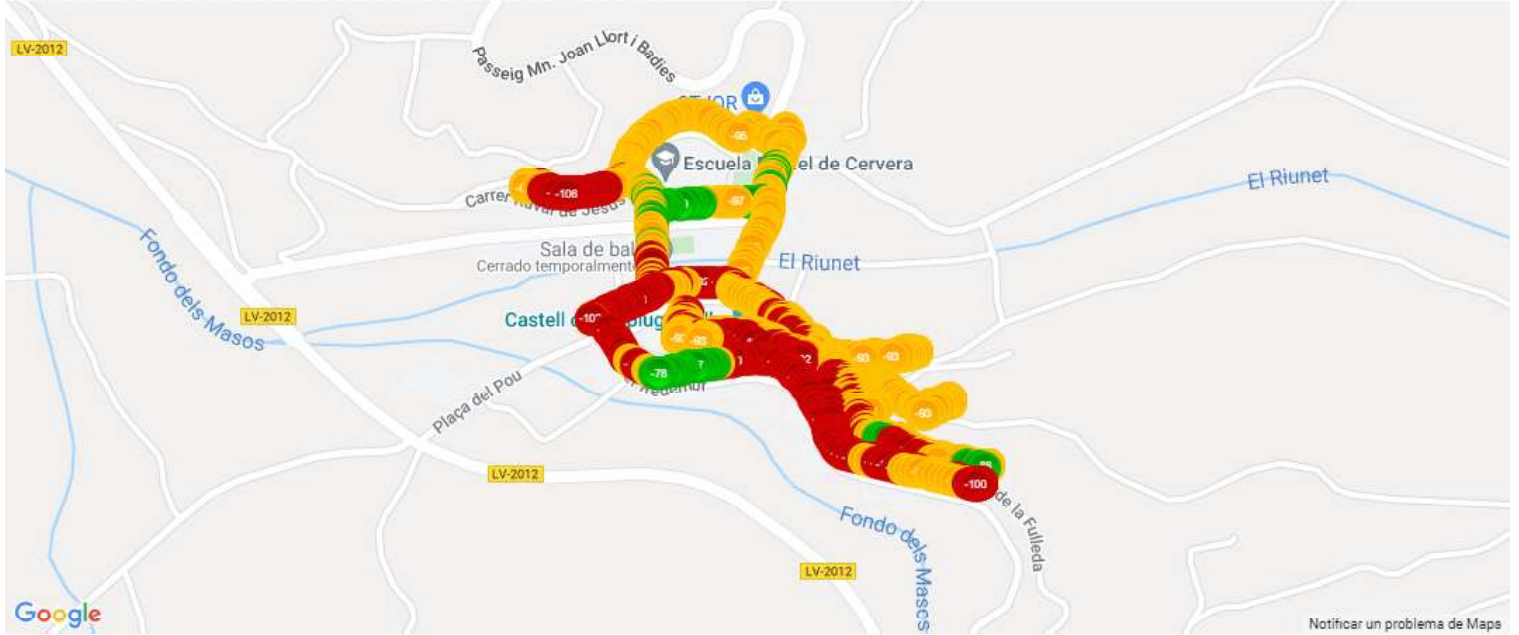




## RSRP view

RSRP KPI statistics per mobile operator for operator 21407\_Movistar

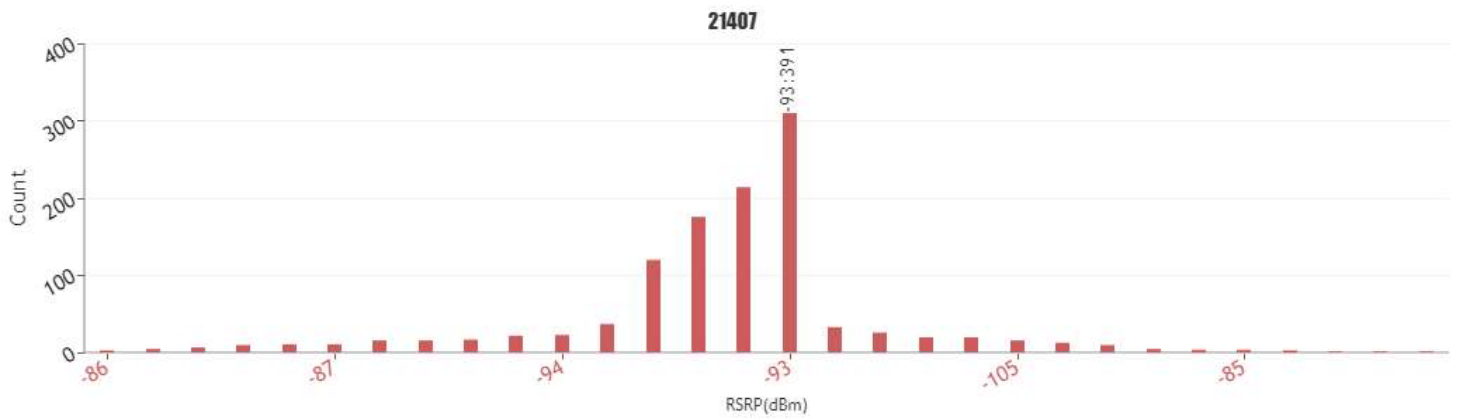
MOVISTAR SERVEI DE DADES, MAPA DE NIVELL DE SENYAL, L'ESPLUGA CALBA



RSRP KPI statistics per mobile operator for 21407\_Movistar

Operators	21407
>= to -89dBm	4.8259 % (count : 61)
B/w -99dBm to -90dBm	70.0158 % (count : 885)
B/w -112dBm to -100dBm	25.1582 % (count : 318)
<= -113dBm	0 % (count : 0)
Total Geo samples	1264

RSRP distribution chart per mobile operator for 21407\_Movistar



# RantCell User QoE test report



OperatorName	21401_vodafone ES
Test phone Model/Models	Samsung SM-A226B
Report Generation Time	Mar 23, 2022 11:40:19 AM
Test StartTime	Mar 21, 2022 1:00:54 PM
Test EndTime	Mar 21, 2022 1:28:33 PM
Voice Call Test	Yes

## Voice call test report

Call test view of mobile operators for 21401\_vodafone ES

### VODAFONE SERVEI DE VEU, MAPA DE TRUCADES, L'ESPLUGA CALBA



Call test KPI statistics per mobile operator for 21401\_vodafone ES

Operators	21401
Total Calls Success	29
Total Calls Attempted	31
Total Calls Failed	2
Dropped Calls	2
Aborted Calls	0
CallSetup Failed	0
No Network	0
Attempted Voice call on 2G	0
Attempted Voice call on 3G	30

## User perceived mobile network coverage during tests



mobile network coverage during tests for operators 21401\_vodafone ES



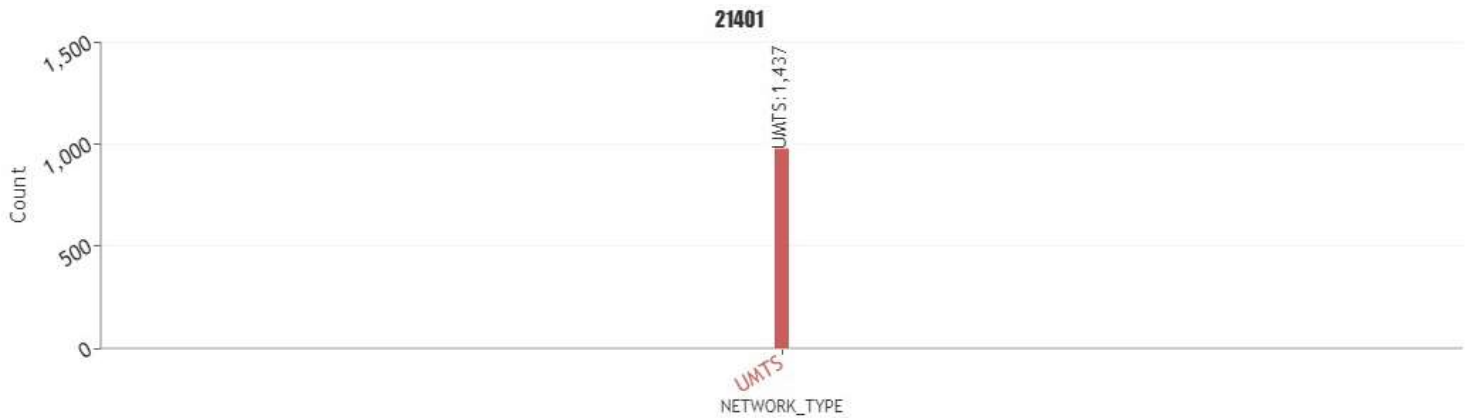
VODAFONE SERVEI DE VEU, ACCÉS A XARXES DE L'OPERADOR, L'ESPLUGA CALBA



## RAN technology statistics per mobile network operator for 21401\_vodafone ES

Network Type	21401
5G	0.0000%
4G	0.0000%
3G	100.0000%
2G	0.0000%
CDMA	0.0000%
NONNETWORK	0.0000%
Total Geo samples	1437

## RAN technology distribution chart per mobile network operator for 21401\_vodafone ES

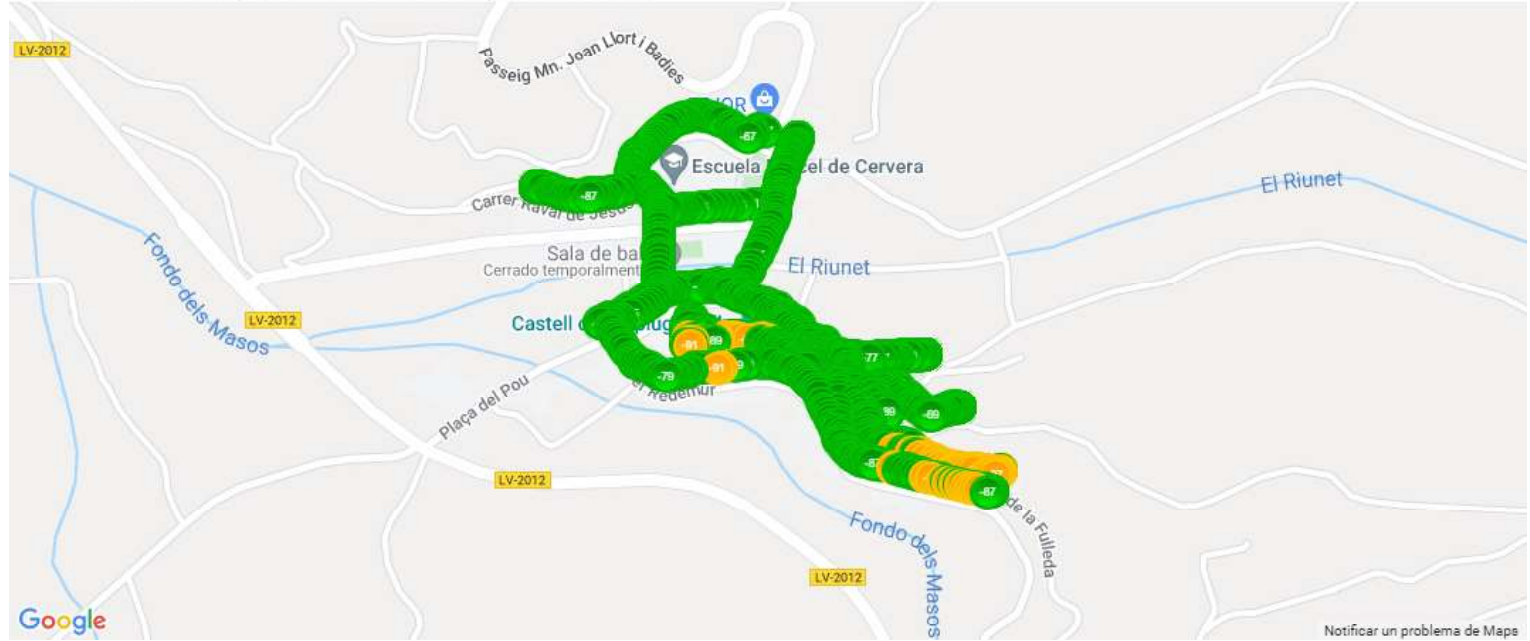


## RSSI view



RSSI KPI statistics per mobile operator for operator 21401\_vodafone ES

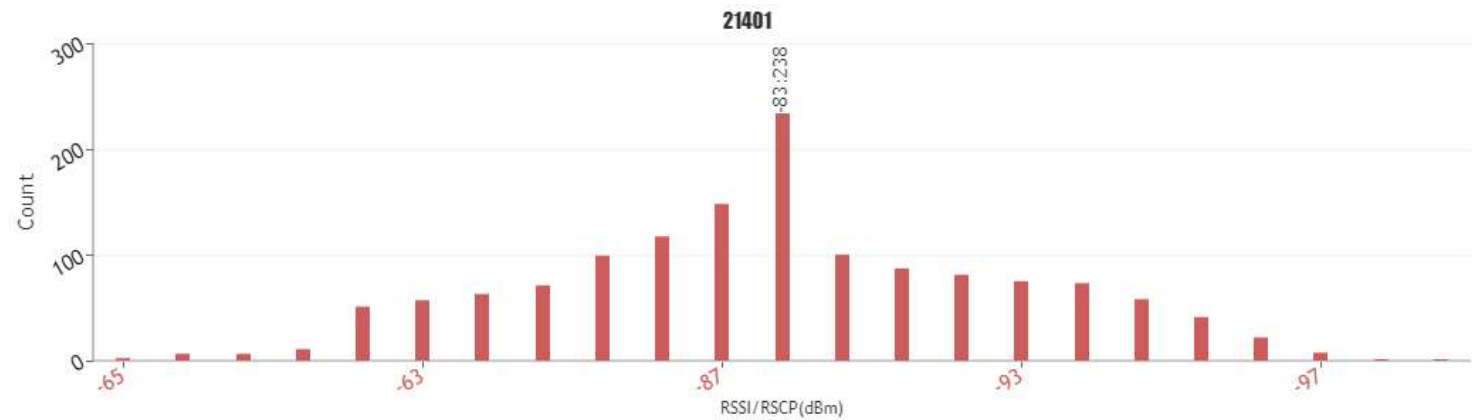
VODAFONE SERVEI DE VEU, MAPA DE NIVELL DE SENYAL, L'ESPLUGA CALBA



RSSI KPI statistics per mobile operator for 21401\_vodafone ES

Operators	21401
>= -89dBm	89.4920 % (count: 1286)
B/w -99dBm to -90dBm	10.5080 % (count: 151)
B/w -112dBm to -100dBm	0 % (count: 0)
<= -113dBm	0 % (count: 0)
Total Geo samples	1437

RSSI distribution chart per mobile operator for 21401\_vodafone ES



# RantCell User QoE test report



OperatorName	21401_vodafone ES
Test phone Model/Models	Samsung SM-A226B
Report Generation Time	Mar 23, 2022 11:43:06 AM
Test StartTime	Mar 21, 2022 1:01:07 PM
Test EndTime	Mar 21, 2022 1:28:07 PM
Download Speed Test	Yes



## Download speed test report

Download speed test view for 21401\_vodafone ES



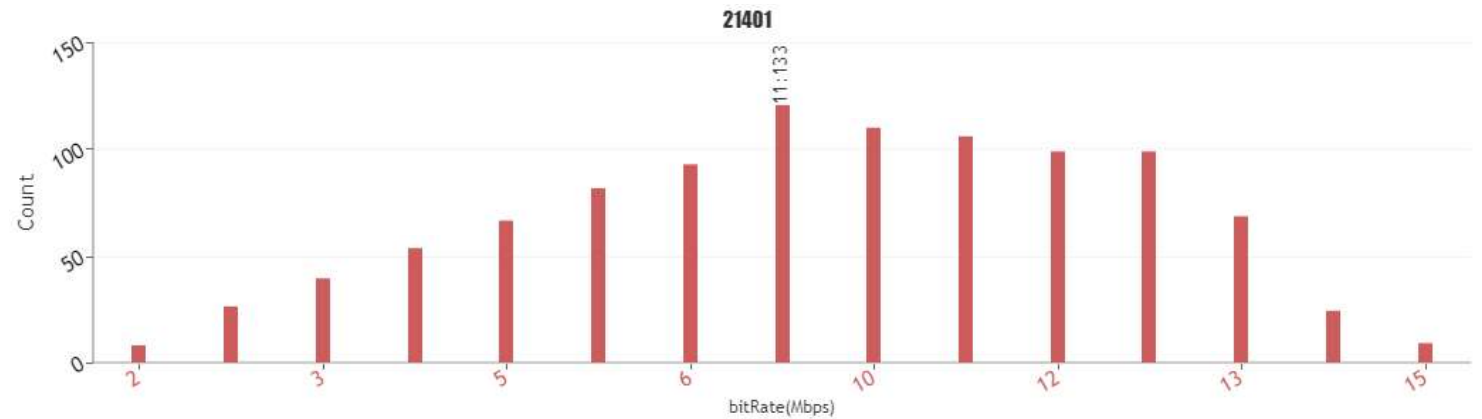
### VODAFONE SERVEI DE DADES, MAPA DE VELOCITATS DE DESCÀRREGA, L'ESPLUGA CALBA



### Download test KPI statistics per mobile operator for 21401\_vodafone ES

Operators	21401
above 1.2Mbps	97.3607 % (count : 996)
0.4Mbps - 1.2Mbps	0 % (count : 0)
0Mbps - 0.4Mbps	2.6393 % (count : 27)
Average (mbps)	8.51
Peak Speed (mbps)	15,35
Lowest Recorded (mbps)	0
Total Geo samples	1023

### Download test distribution chart per mobile operators for 21401\_vodafone ES



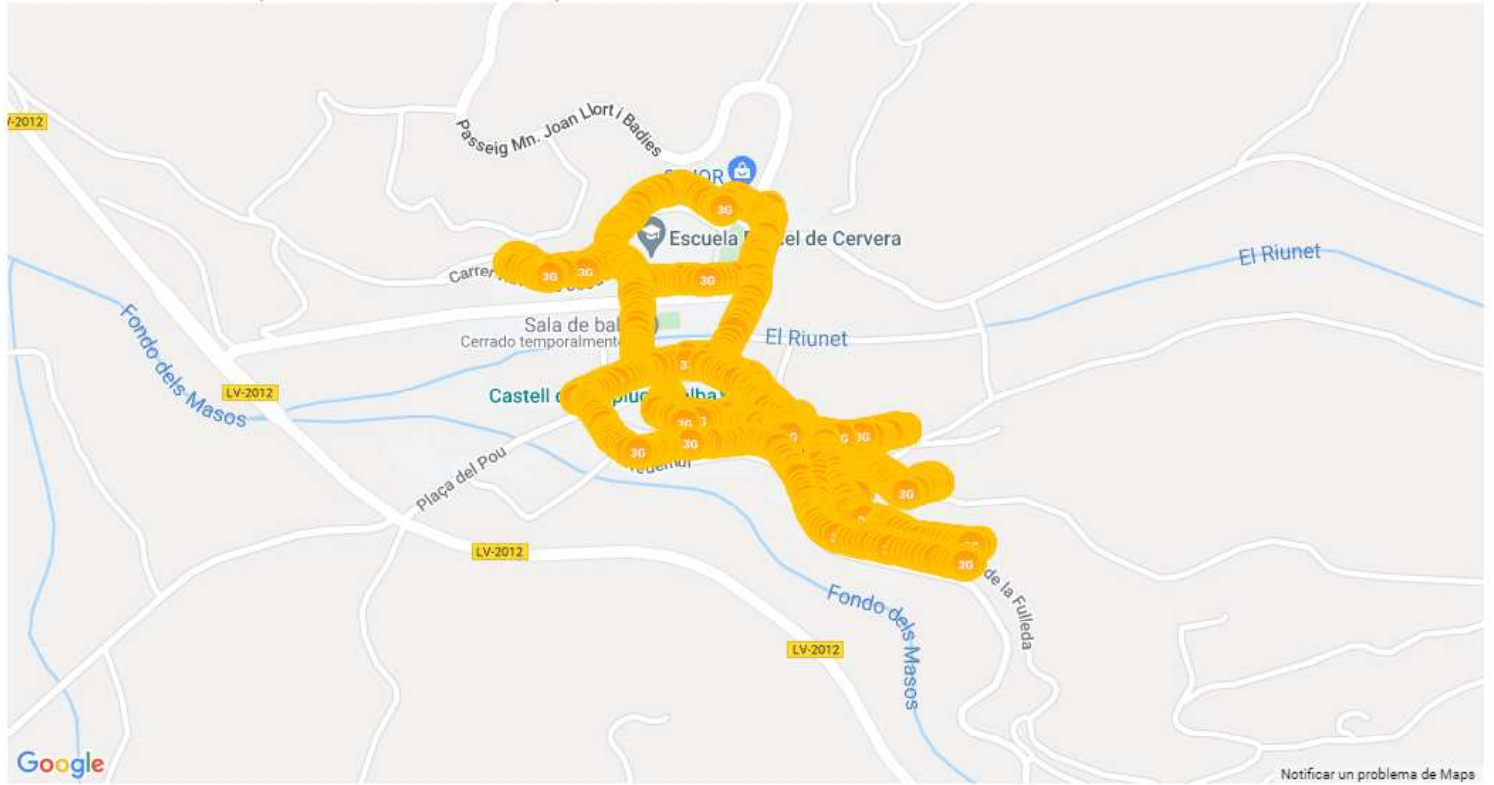
## User perceived mobile network coverage during tests



mobile network coverage during tests for operators 21401\_vodafone ES



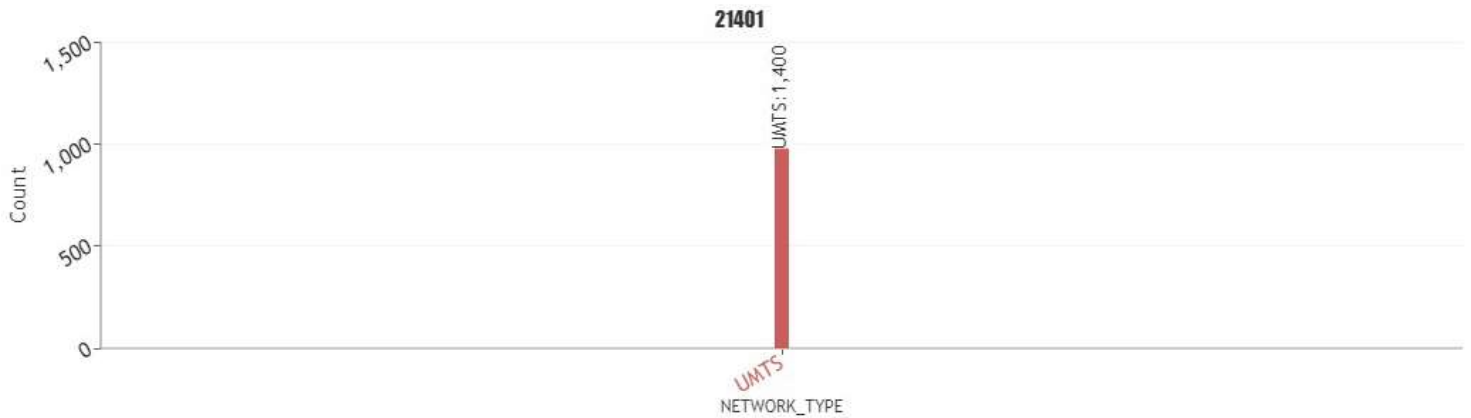
VODAFONE SERVEI DE DADES, ACCÉS A XARXES DE L'OPERADOR, L'ESPLUGA CALBA



## RAN technology statistics per mobile network operator for 21401\_vodafone ES

Network Type	21401
5G	0.0000%
4G	0.0000%
3G	100.0000%
2G	0.0000%
CDMA	0.0000%
NONNETWORK	0.0000%
Total Geo samples	1400

## RAN technology distribution chart per mobile network operator for 21401\_vodafone ES



# RSSI view



RSSI KPI statistics per mobile operator for operator 21401\_vodafone ES

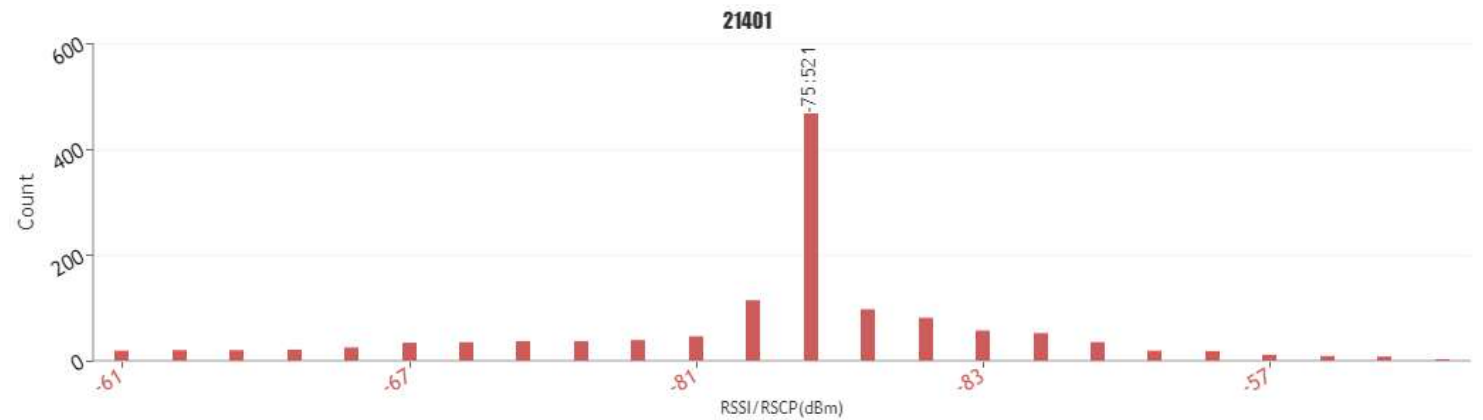
VODAFONE SERVEI DE DADES, MAPA DE NIVELL DE SENYAL, L'ESPLUGA CALBA



RSSI KPI statistics per mobile operator for 21401\_vodafone ES

Operators	21401
>= -89dBm	89.8571 % (count: 1258)
B/w -99dBm to -90dBm	10.1429 % (count: 142)
B/w -112dBm to -100dBm	0 % (count: 0)
<= -113dBm	0 % (count: 0)
Total Geo samples	1400

RSSI distribution chart per mobile operator for 21401\_vodafone ES



# RantCell User QoE test report



OperatorName	21403_Orange
Test phone Model/Models	Samsung SM-A226B
Report Generation Time	Mar 23, 2022 8:55:19 AM
Test StartTime	Mar 21, 2022 1:00:48 PM
Test EndTime	Mar 21, 2022 1:28:39 PM
Voice Call Test	Yes

## Voice call test report

Call test view of mobile operators for 21403\_Orange

### ORANGE SERVEI DE VEU, MAPA DE TRUCADES, L'ESPLUGA CALBA



Call test KPI statistics per mobile operator for 21403\_Orange

Operators	21403
Total Calls Success	33
Total Calls Attempted	36
Total Calls Failed	3
Dropped Calls	1
Aborted Calls	0
CallSetup Failed	2
No Network	0
Attempted Voice call on 2G	0
Attempted Voice call on 3G	35
Not Determined(Voice CallType)	1

## User perceived mobile network coverage during tests



mobile network coverage during tests for operators 21403\_Orange



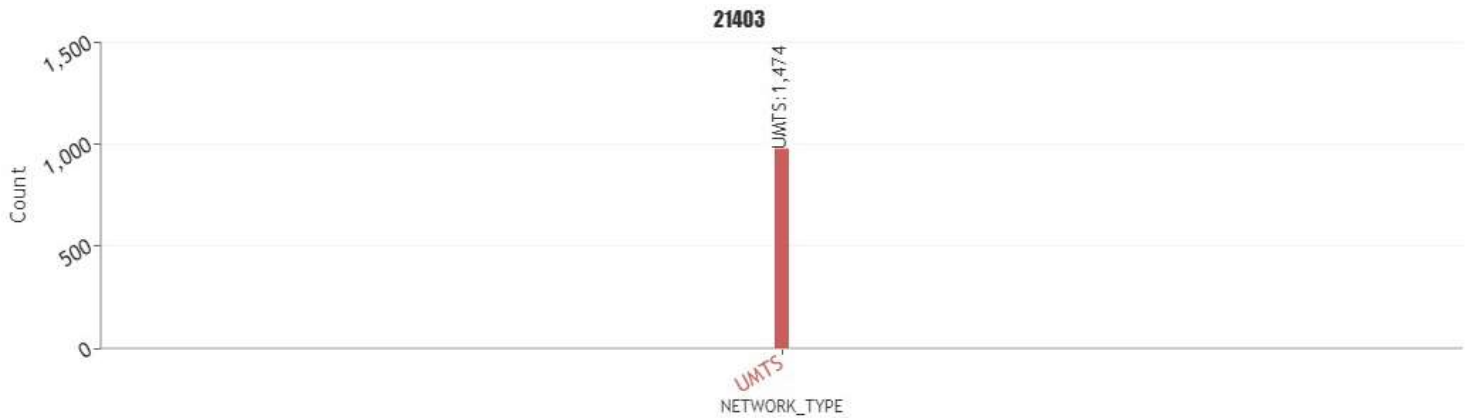
ORANGE SERVEI DE VEU, ACCÉS A XARXES DE L'OPERADOR, L'ESPLUGA CALBA



## RAN technology statistics per mobile network operator for 21403\_Orange

Network Type	21403
5G	0.0000%
4G	0.0000%
3G	100.0000%
2G	0.0000%
CDMA	0.0000%
NONNETWORK	0.0000%
Total Geo samples	1474

## RAN technology distribution chart per mobile network operator for 21403\_Orange





## RSSI view



RSSI KPI statistics per mobile operator for operator 21403\_Orange

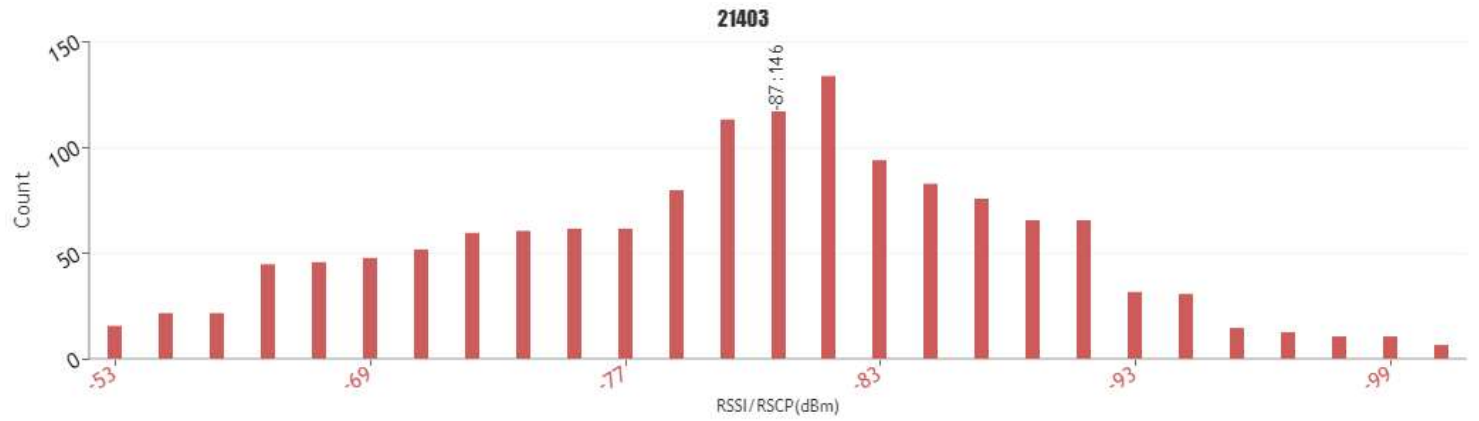
ORANGE SERVEI DE VEU, MAPA DE NIVELL DE SENYAL, L'ESPLUGA CALBA



RSSI KPI statistics per mobile operator for 21403\_Orange

Operators	21403
>= -89dBm	89.4844 % (count : 1319)
B/w -99dBm to -90dBm	9.2944 % (count : 137)
B/w -112dBm to -100dBm	1.2212 % (count : 18)
<= -113dBm	0 % (count : 0)
Total Geo samples	1474

RSSI distribution chart per mobile operator for 21403\_Orange



# RantCell User QoE test report



OperatorName	21403_Orange
Test phone Model/Models	Samsung SM-A226B
Report Generation Time	Mar 23, 2022 8:57:36 AM
Test StartTime	Mar 21, 2022 1:01:02 PM
Test EndTime	Mar 21, 2022 1:28:05 PM
Download Speed Test	Yes

# Download speed test report

Download speed test view for 21403\_Orange



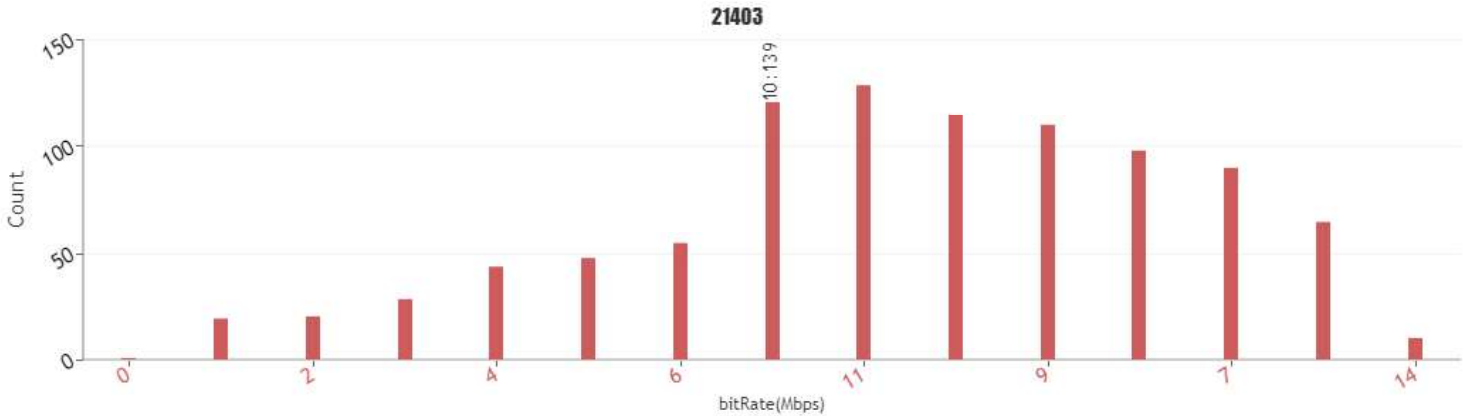
ORANGE SERVEI DE DADES, MAPA DE VELOCITATS DE DESCÀRREGA, L'ESPLUGA CALBA



Download test KPI statistics per mobile operator for 21403\_Orange

Operators	21403
above 1.2Mbps	98.4615 % (count : 960)
0.4Mbps - 1.2Mbps	1.5385 % (count : 15)
0Mbps - 0.4Mbps	0 % (count : 0)
Average (mbps)	8.64
Peak Speed (mbps)	14.31
Lowest Recorded (mbps)	0.44
Total Geo samples	975

Download test distribution chart per mobile operators for 21403\_Orange



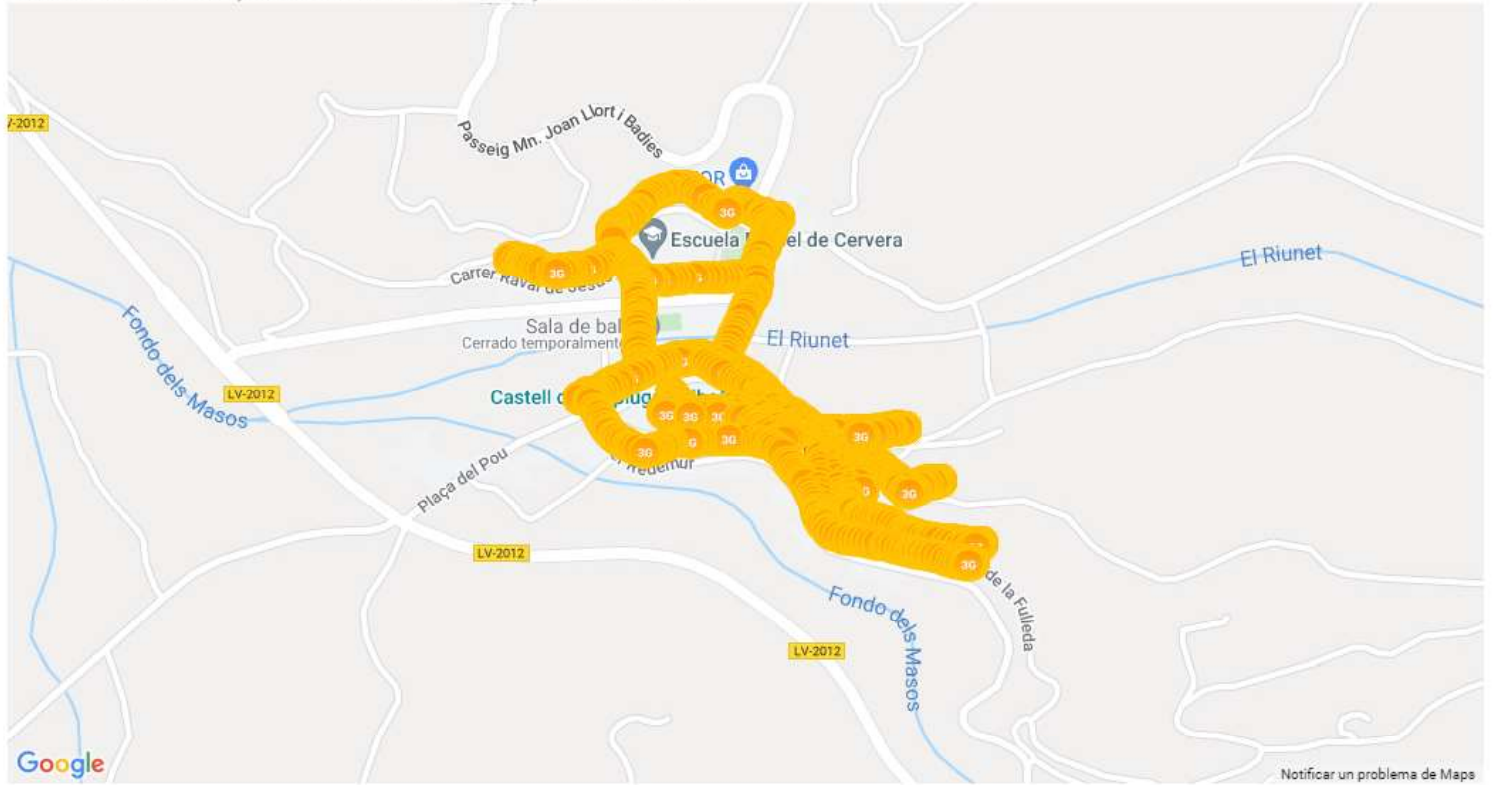
## User perceived mobile network coverage during tests



mobile network coverage during tests for operators 21403\_Orange



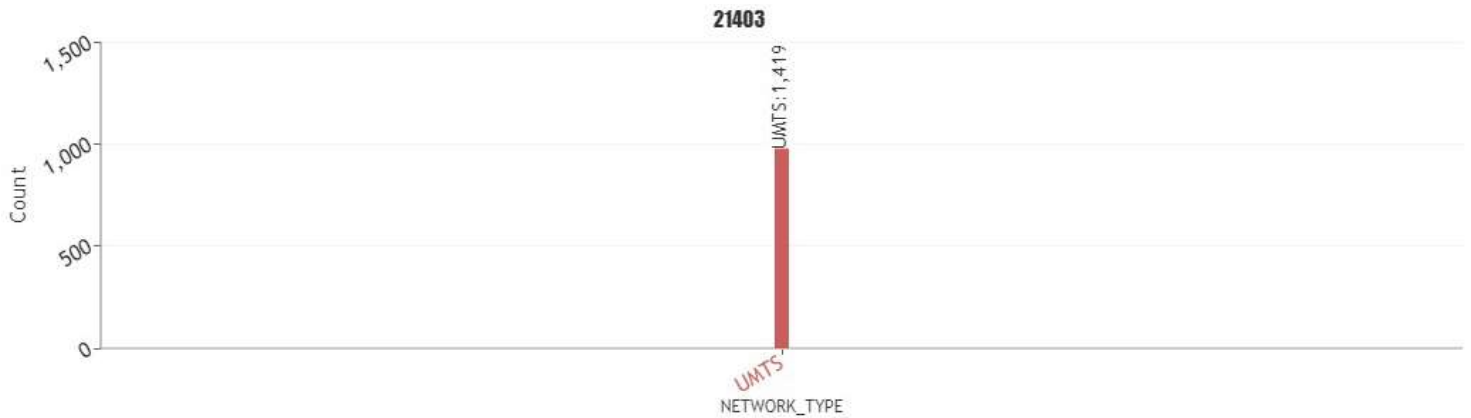
ORANGE SERVEI DE DADES, ACCÉS A XARRES DE L'OPERADOR, L'ESPLUGA CALBA



## RAN technology statistics per mobile network operator for 21403\_Orange

Network Type	21403
5G	0.0000%
4G	0.0000%
3G	100.0000%
2G	0.0000%
CDMA	0.0000%
NONNETWORK	0.0000%
Total Geo samples	1419

## RAN technology distribution chart per mobile network operator for 21403\_Orange



# RSSI view



RSSI KPI statistics per mobile operator for operator 21403\_Orange

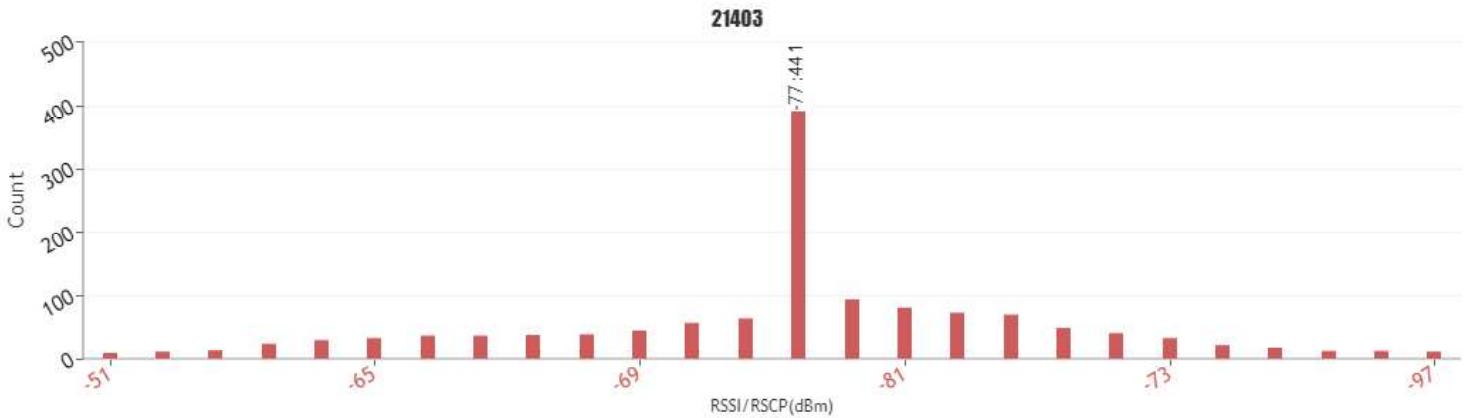
ORANGE SERVEI DE DADES, MAPA DE NIVELL DE SENYAL, L'ESPLUGA CALBA



RSSI KPI statistics per mobile operator for 21403\_Orange

Operators	21403
>= -89dBm	91.4024 % (count : 1297)
B/w -99dBm to -90dBm	7.6815 % (count : 109)
B/w -112dBm to -100dBm	0.9161 % (count : 13)
<= -113dBm	0 % (count : 0)
Total Geo samples	1419

RSSI distribution chart per mobile operator for 21403\_Orange



## LA FLORESTA: RESUM MESURES

OPERADOR	SERVEI DE VEU	SERVEI DE DADES
MOVISTAR	CORRECTE (3G)	CORRECTE (4G)
VODAFONE	CORRECTE (3G)	CORRECTE 60% (3G/4G)
ORANGE	CORRECTE (3G)	CORRECTE (3G/4G)

Comentaris:

No es troben deficiències significatives de servei de veu o dades de Movistar i Orange. Vodafone té una cobertura de dades deficient al 40% del poble (segons percentatge de velocitats inferiors a 1,2 Mbps).

Disposen de fibra de Adamo.

Serveis de Movistar, Orange i Vodafone provinents de pobles propers.





### ORANGE ESPAGNE, S.A.U.

Estación: CATR5377A  
 Dirección: VP Polígono 16 Parcela 42. ARBECA, LLEIDA  
 Posición: 41.535311 lat / 0.920775 lng  
 Elevación: **Sólo PRO**

ID	BANDA	MODOS*
1	1900.00 - 1905.00; 2125.00 - 2140.00	3G
2	832.00 - 842.00	4G
3	925.10 - 935.10	2G 3G

### VODAFONE ESPAÑA, S.A.

Estación: 84451  
 Dirección: ZN Polígono 16 Parcela 42. ARBECA, LLEIDA  
 Posición: 41.535311 lat / 0.920775 lng  
 Elevación: **Sólo PRO**

ID	BANDA	MODOS*
1	842.00 - 852.00	4G
2	949.90 - 959.90	2G 3G
3	949.90 - 959.90	2G 3G

### TELEFONICA MOVILES ESPAÑA, S.A.U.

Estación: 2500195  
 Dirección: CL NOU, s/n. ARBECA, LLEIDA  
 Posición: 41.542417 lat / 0.921167 lng  
 Elevación: **Sólo PRO**

ID	BANDA	MODOS*
1	1910.00 - 1915.00; 2155.00 - 2170.00	3G
2	852.00 - 862.00	4G
3	935.10 - 949.90	2G
4	935.10 - 949.90	2G

### TELEFONICA MOVILES ESPAÑA, S.A.U.

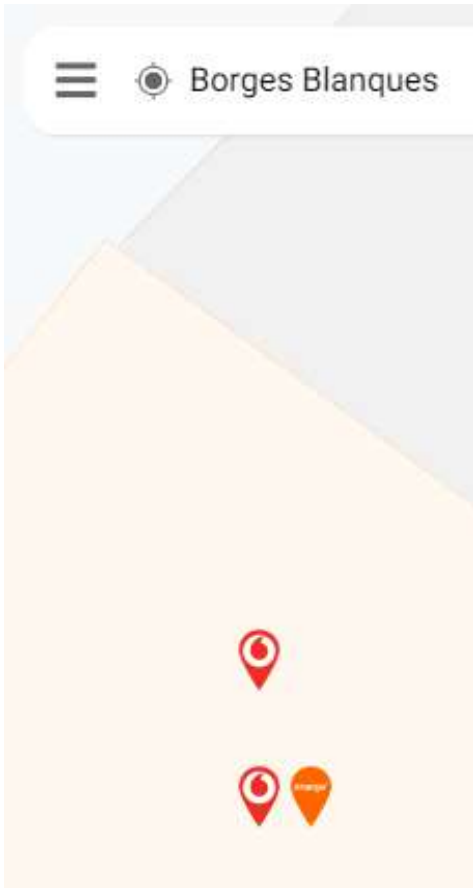
Estación: 2500052  
 Dirección: AR DEL CARME, 138. BORGES BLANQUES (LES), LLEIDA  
 Posición: 41.517406 lat / 0.873081 lng  
 Elevación: **Sólo PRO**

ID	BANDA	MODOS*
1	1805.10 - 1825.10	4G
2	1910.00 - 1915.00; 2155.00 - 2170.00	3G
3	852.00 - 862.00	4G
4	935.10 - 949.90	2G
5	935.10 - 949.90	2G

### XFERA MOVILES, S.A.

Estación: 1B2L5328  
 Dirección: RB CARME, 138. BORGES BLANQUES (LES), LLEIDA  
 Posición: 41.517406 lat / 0.873081 lng  
 Elevación: **Sólo PRO**

ID	BANDA	MODOS*
1	1845.10 - 1855.10	4G
2	1915.00 - 1920.00; 2110.00 - 2125.00	3G



**VODAFONE ESPAÑA, S.A.**  
Estación: 24400  
Dirección: PZ RAMON ARQUES, 1. BORGES BLANQUES (LES), LLEIDA  
Posición: 41.521167 lat / 0.866389 lng  
Elevación: **Sólo PRO**

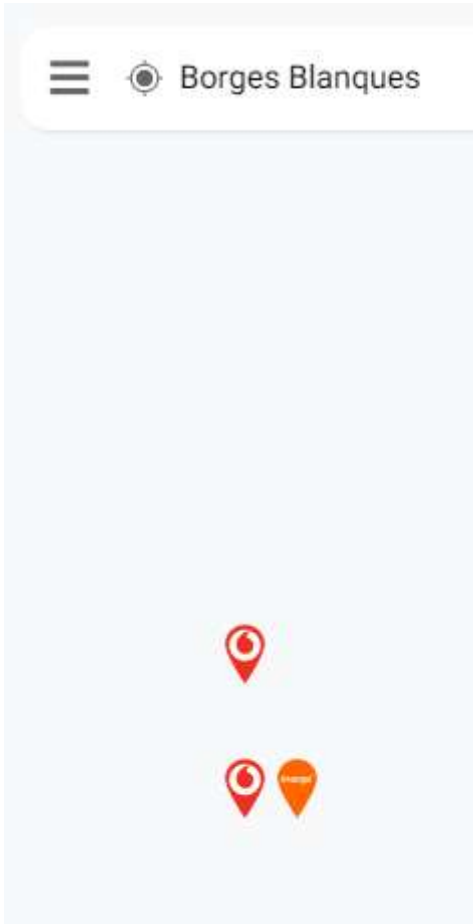
ID	BANDA	MODOS*
1	949.90 - 959.90	2G 3G

**VODAFONE ESPAÑA, S.A.**  
Estación: 024400  
Dirección: PZ RAMON ARQUES, 1. BORGES BLANQUES (LES), LLEIDA  
Posición: 41.521167 lat / 0.866389 lng  
Elevación: **Sólo PRO**

ID	BANDA	MODOS*
1	842.00 - 852.00	4G

**ORANGE ESPAGNE, S.A.U.**  
Estación: CATR5320A  
Dirección: PZ RAMON ARQUES, 1. BORGES BLANQUES (LES), LLEIDA  
Posición: 41.521167 lat / 0.866389 lng  
Elevación: **Sólo PRO**

ID	BANDA	MODOS*
1	1900.00 - 1905.00; 2125.00 - 2140.00	3G
1	832.00 - 842.00	4G
1	925.10 - 935.10	2G 3G
1	925.10 - 935.10	2G 3G



**VODAFONE ESPAÑA, S.A.**  
Estación: 79195  
Dirección: ZN Polígono 11 Parcela 64. BORGES BLANQUES (LES), LLEIDA  
Posición: 41.518667 lat / 0.876175 lng  
Elevación: **Sólo PRO**

ID	BANDA	MODOS*
1	842.00 - 852.00	4G

**VODAFONE ESPAÑA, S.A.**  
Estación: 079195  
Dirección: ZN POLÍGONO 11 PARCELA 64. BORGES BLANQUES (LES), LLEIDA  
Posición: 41.518667 lat / 0.876175 lng  
Elevación: **Sólo PRO**

ID	BANDA	MODOS*
1	949.90 - 959.90	2G 3G
1	949.90 - 959.90	2G 3G

**ORANGE ESPAGNE, S.A.U.**  
Estación: CATR5319A  
Dirección: ZN Polígono 11 Parcela 64. BORGES BLANQUES (LES), LLEIDA  
Posición: 41.518667 lat / 0.876175 lng  
Elevación: **Sólo PRO**

ID	BANDA	MODOS*
1	1900.00 - 1905.00; 2125.00 - 2140.00	3G
1	832.00 - 842.00	4G
1	925.10 - 935.10	2G 3G
1	925.10 - 935.10	2G 3G



### TELEFONICA MOVILES ESPAÑA, S.A.U.

Estación: 2500247  
Dirección: ZN Poligono 1 Parcela 48.  
OMELLONS (ELS), LLEIDA  
Posición: 41.503147 lat / 0.962333 lng  
Elevación: **Sólo PRO**

ID	BANDA	MODOS*
1	935.10 - 949.90	2G

### VODAFONE ESPAÑA, S.A.

Estación: 112982  
Dirección: ZN POLIGONO 1 PARCELA 48.  
OMELLONS (ELS), LLEIDA  
Posición: 41.503147 lat / 0.962333 lng  
Elevación: **Sólo PRO**

ID	BANDA	MODOS*
1	949.90 - 959.90	2G 3G
1	949.90 - 959.90	2G 3G

# RantCell User QoE test report



OperatorName	21407_Movistar
Test phone Model/Models	Samsung SM-A226B
Report Generation Time	Mar 28, 2022 8:10:43 AM
Test StartTime	Mar 24, 2022 2:40:37 PM
Test EndTime	Mar 24, 2022 3:09:09 PM
Voice Call Test	Yes

## Voice call test report

Call test view of mobile operators for 21407\_Movistar

### MOVISTAR SERVEI DE VEU, MAPA DE TRUCADES, LA FLORESTA



Call test KPI statistics per mobile operator for 21407\_Movistar

Operators	21407
Total Calls Success	34
Total Calls Attempted	36
Total Calls Failed	2
Dropped Calls	1
Aborted Calls	0
CallSetup Failed	1
No Network <a href="#">?</a>	0
Attempted Voice call on 2G <a href="#">?</a>	0
Attempted Voice call on 3G <a href="#">?</a>	3
Successful CSFB call to 3G <a href="#">?</a>	32
Not Determined(Voice CallType) <a href="#">?</a>	1

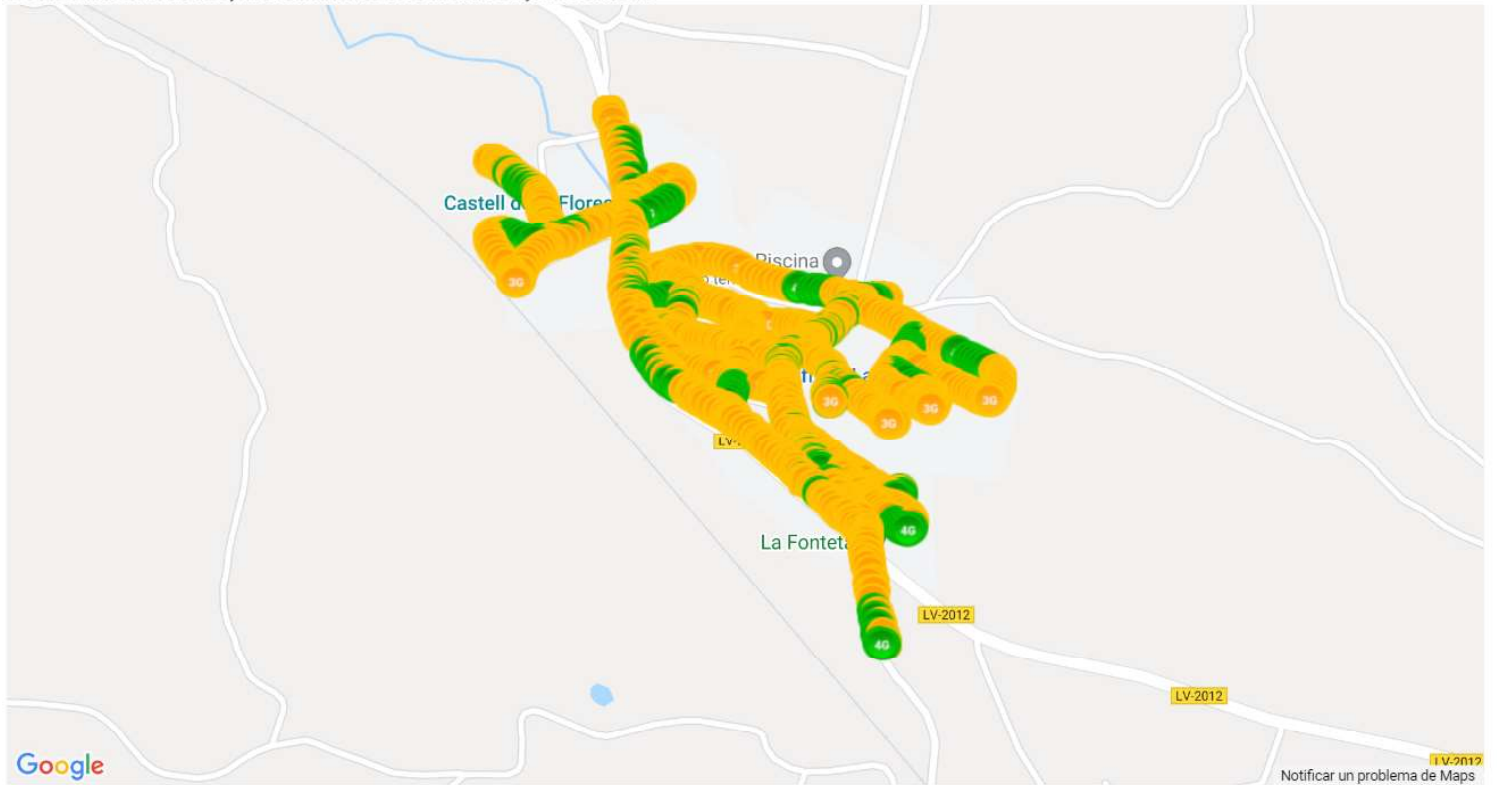
# User perceived mobile network coverage during tests



mobile network coverage during tests for operators 21407\_Movistar



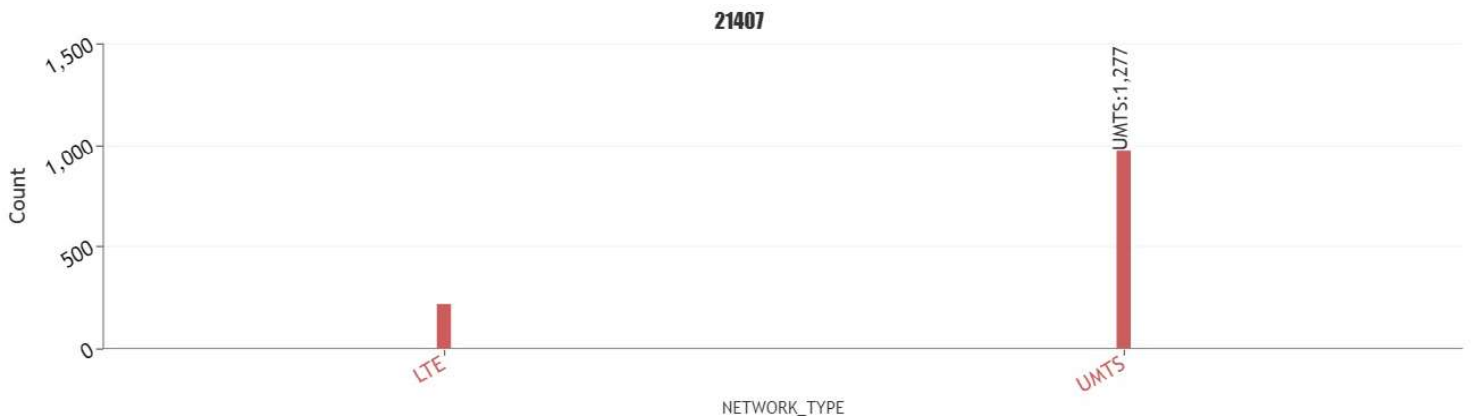
MOVISTAR SERVEI DE VEU, ACCÉS A XARXES DE L'OPERADOR, LA FLORESTA



## RAN technology statistics per mobile network operator for 21407\_Movistar

Network Type	21407
5G	0.0000%
4G	14.6390%
3G	85.3610%
2G	0.0000%
CDMA	0.0000%
NONNETWORK	0.0000%
Total Geo samples	1496

## RAN technology distribution chart per mobile network operator for 21407\_Movistar



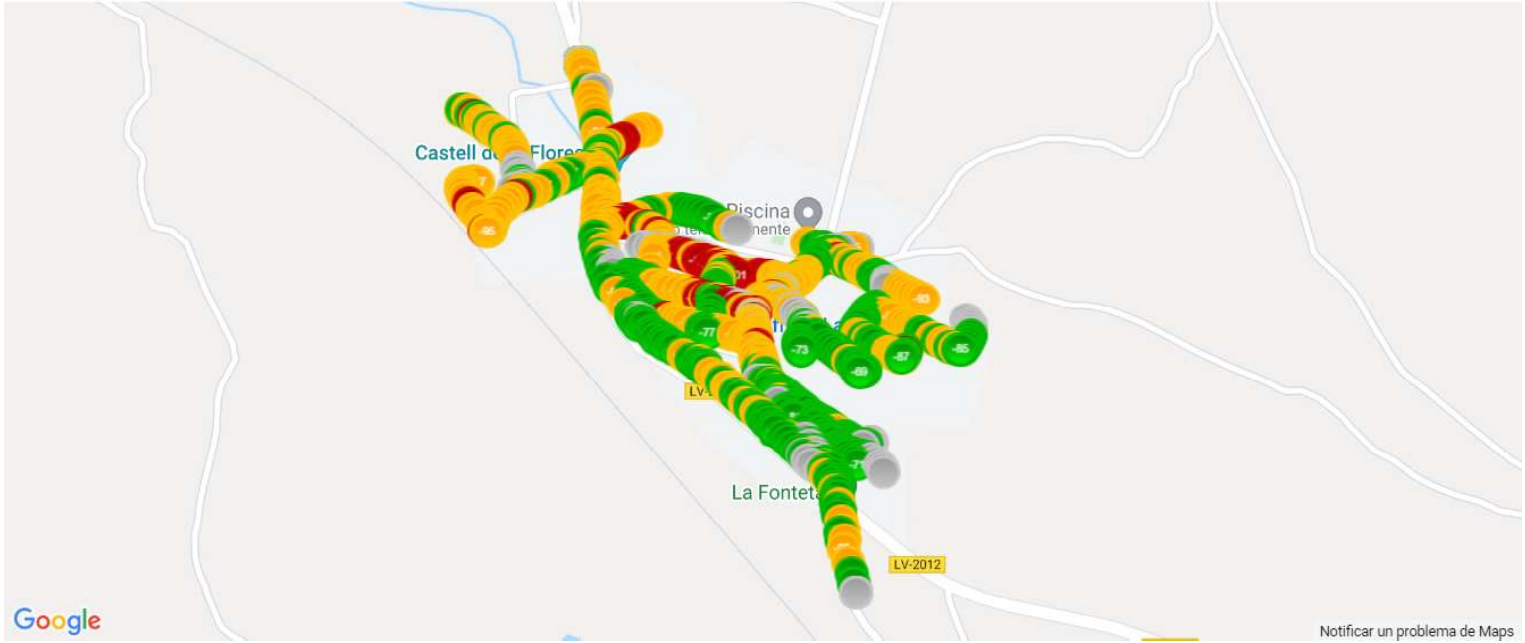


## RSSI view



RSSI KPI statistics per mobile operator for operator 21407\_Movistar

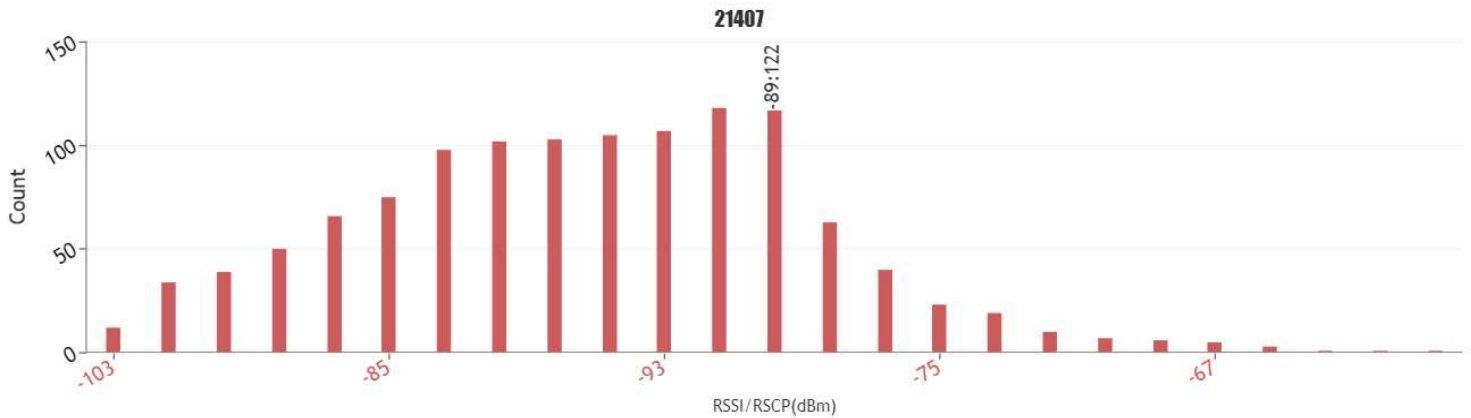
MOVISTAR SERVEI DE VEU, MAPA DE NIVELL DE SENYAL, LA FLORESTA



RSSI KPI statistics per mobile operator for 21407\_Movistar

Operators	21407
<b>&gt;= -89dBm</b>	47.4380 % (count : 574)
<b>B/w -99dBm to -90dBm</b>	38.1818 % (count : 462)
<b>B/w -112dBm to -100dBm</b>	4.6281 % (count : 56)
<b>&lt;= -113dBm</b>	9.7521 % (count : 118)
Total Geo samples	1210

RSSI distribution chart per mobile operator for 21407\_Movistar



# RantCell User QoE test report



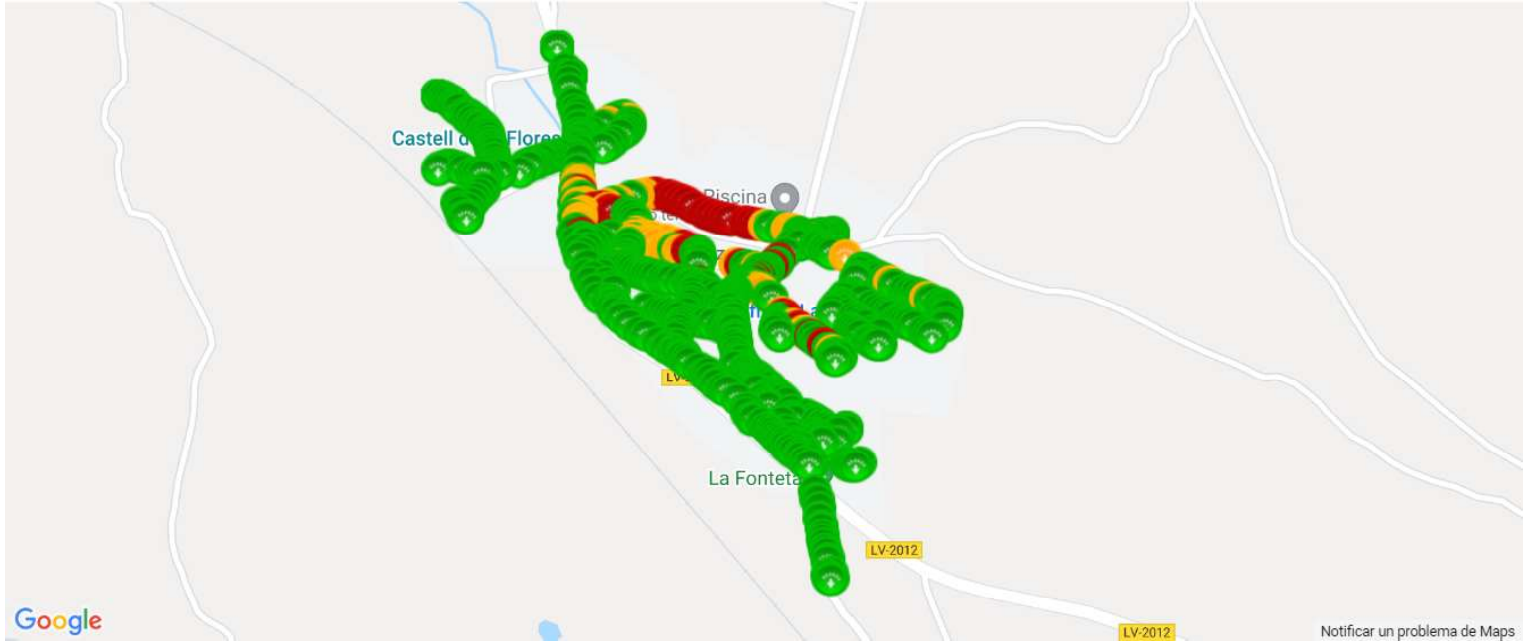
OperatorName	21407_Movistar
Test phone Model/Models	Samsung SM-A226B
Report Generation Time	Mar 28, 2022 8:24:00 AM
Test StartTime	Mar 24, 2022 2:40:35 PM
Test EndTime	Mar 24, 2022 3:08:48 PM
Download Speed Test	Yes

## Download speed test report

Download speed test view for 21407\_Movistar



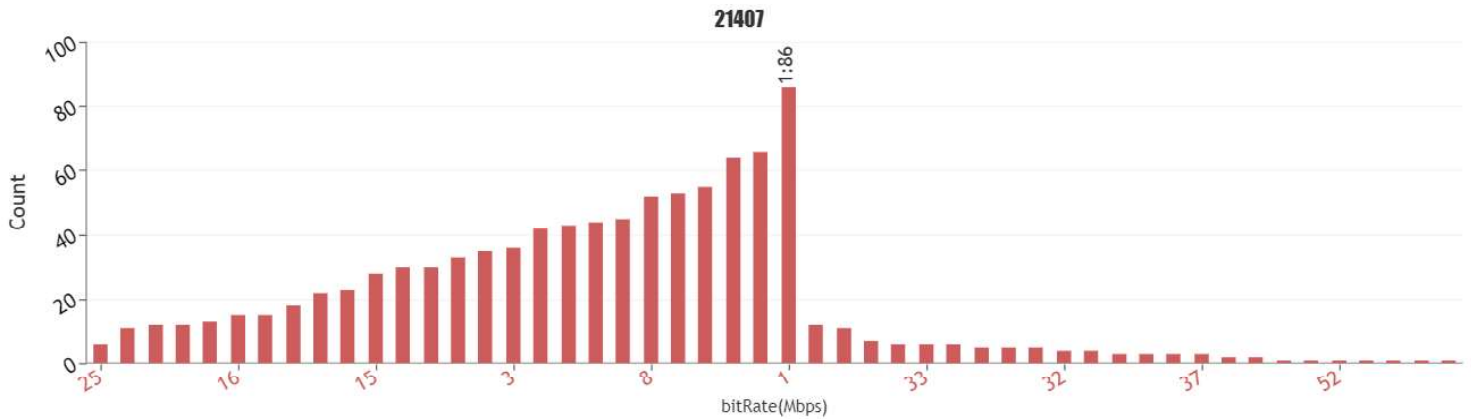
### MOVISTAR SERVEI DE DADES, MAPA DE VELOCITATS DE DESCÀRREGA, LA FLORESTA



### Download test KPI statistics per mobile operator for 21407\_Movistar

Operators	21407
above 1.2Mbps	87.3856 % (count : 859)
0.4Mbps - 1.2Mbps	7.8332 % (count : 77)
0Mbps - 0.4Mbps	4.7813 % (count : 47)
Average (mbps)	11.06
Peak Speed (mbps)	61.64
Lowest Recorded (mbps)	0.05
Total Geo samples	983

### Download test distribution chart per mobile operators for 21407\_Movistar



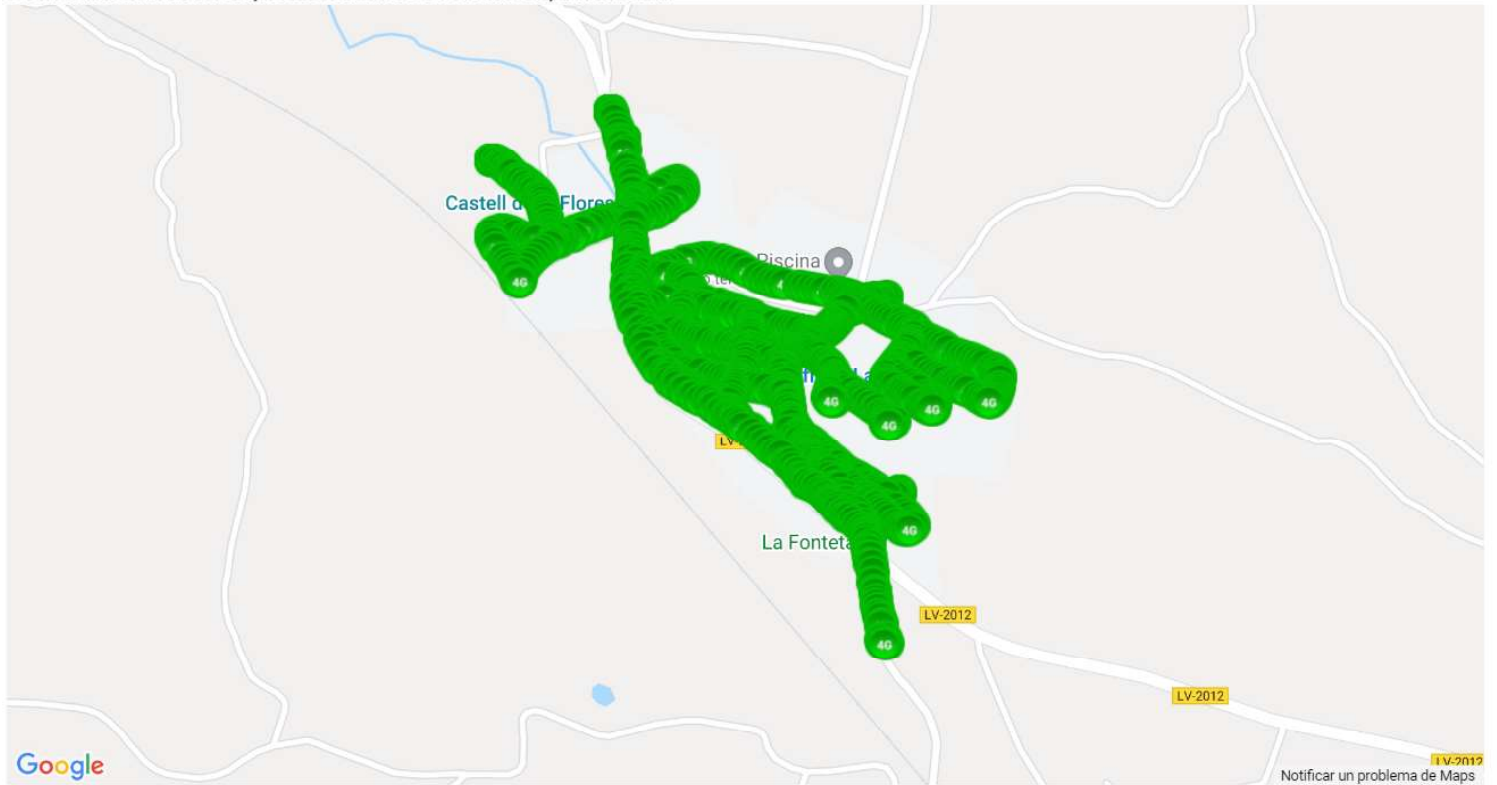
# User perceived mobile network coverage during tests



mobile network coverage during tests for operators 21407\_Movistar



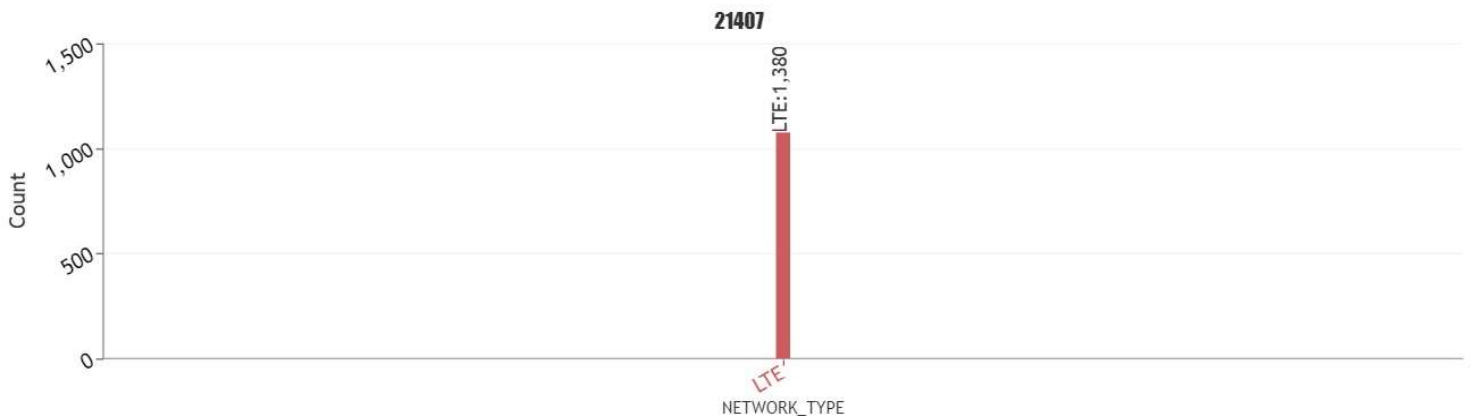
MOVISTAR SERVEI DE DADES, ACCÉS A XARXES DE L'OPERADOR, LA FLORESTA



## RAN technology statistics per mobile network operator for 21407\_Movistar

Network Type	21407
5G	0.0000%
4G	100.0000%
3G	0.0000%
2G	0.0000%
CDMA	0.0000%
NONNETWORK	0.0000%
Total Geo samples	1380

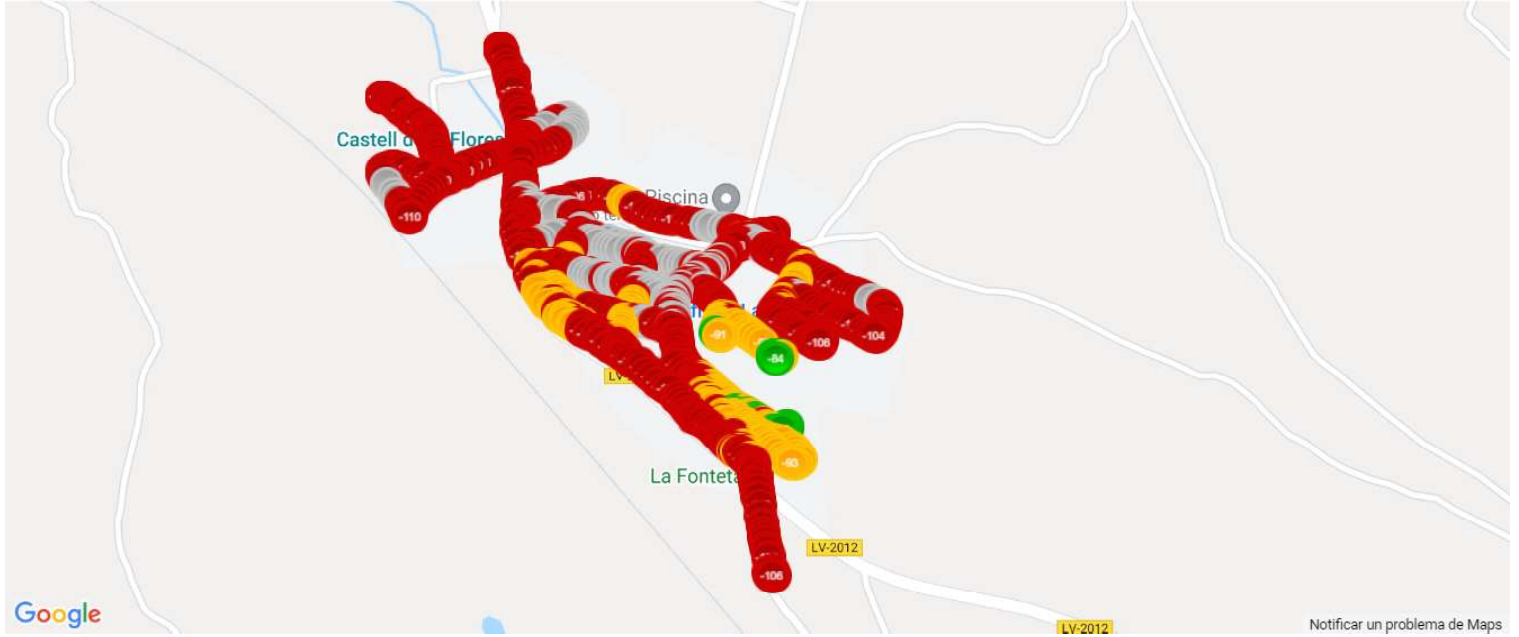
## RAN technology distribution chart per mobile network operator for 21407\_Movistar



## RSRP view

RSRP KPI statistics per mobile operator for operator 21407\_Movistar

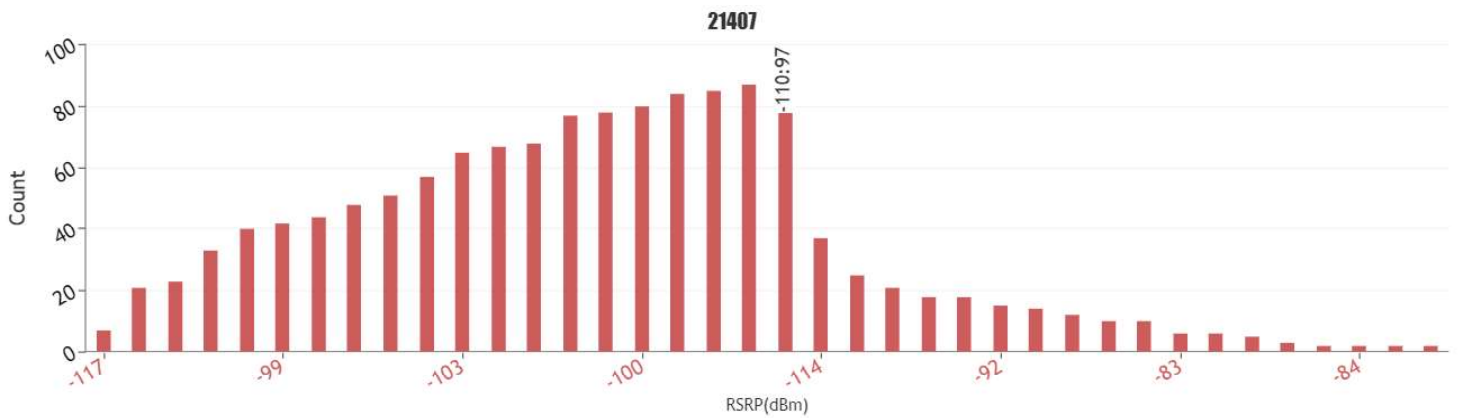
MOVISTAR SERVEI DE DADES, MAPA DE NIVELL DE SENYAL, LA FLORESTA



RSRP KPI statistics per mobile operator for 21407\_Movistar

Operators	21407
<b>&gt;= to -89dBm</b>	2.4229 % (count : 33)
<b>B/w -99dBm to -90dBm</b>	18.0617 % (count : 246)
<b>B/w -112dBm to -100dBm</b>	68.2085 % (count : 929)
<b>&lt;= -113dBm</b>	11.3069 % (count : 154)
Total Geo samples	1362

RSRP distribution chart per mobile operator for 21407\_Movistar



# RantCell User QoE test report



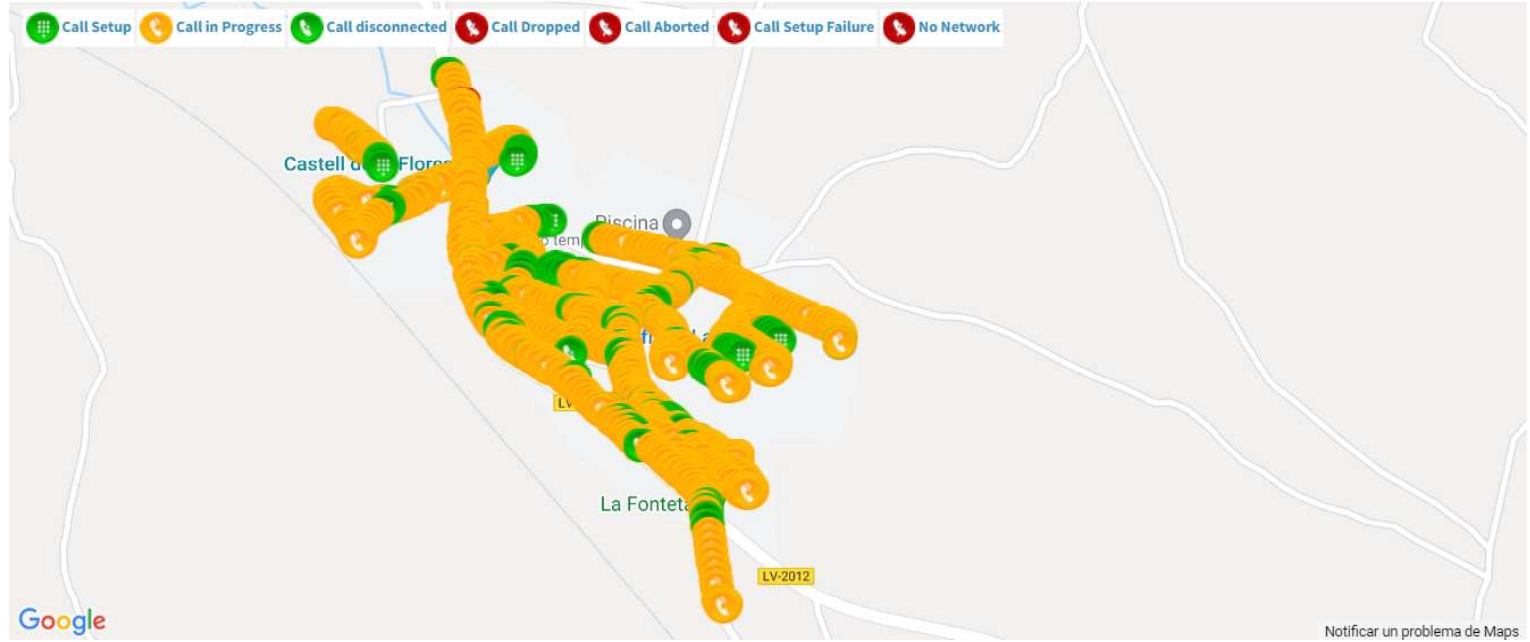
OperatorName	21401_vodafone ES
Test phone Model/Models	Samsung SM-A226B
Report Generation Time	Mar 28, 2022 8:35:27 AM
Test StartTime	Mar 24, 2022 2:40:38 PM
Test EndTime	Mar 24, 2022 3:09:09 PM
Voice Call Test	Yes



## Voice call test report

Call test view of mobile operators for 21401\_vodafone ES

### VODAFONE SERVEI DE VEU, MAPA DE TRUCADES, LA FLORESTA



Call test KPI statistics per mobile operator for 21401\_vodafone ES

Operators	21401
Total Calls Success	34
Total Calls Attempted	36
Total Calls Failed	2
Dropped Calls	1
Aborted Calls	0
CallSetup Failed	1
No Network <a href="#">?</a>	0
Attempted Voice call on 2G <a href="#">?</a>	0
Attempted Voice call on 3G <a href="#">?</a>	30
Successful CSFB call to 3G <a href="#">?</a>	5

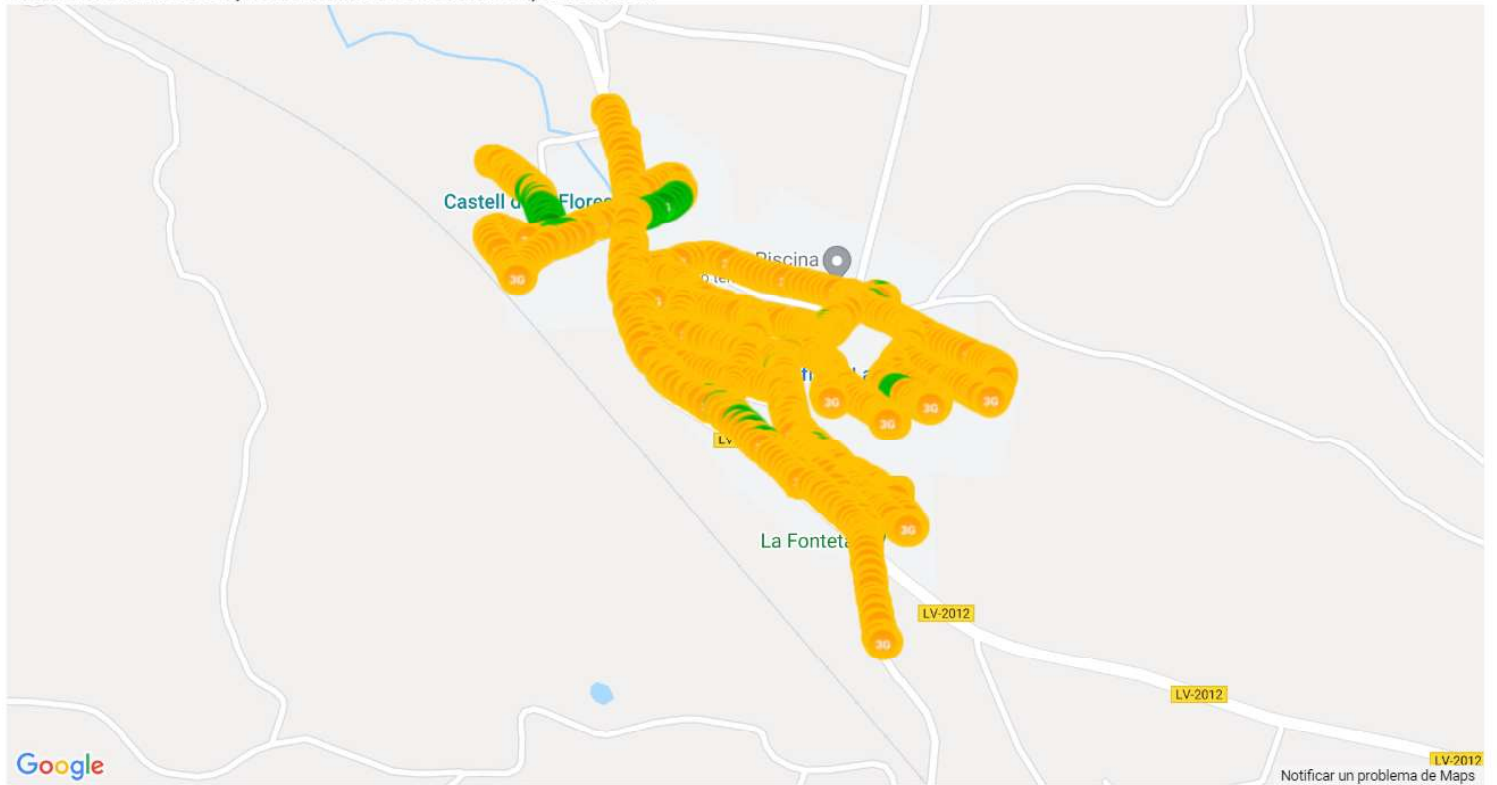
# User perceived mobile network coverage during tests



mobile network coverage during tests for operators 21401\_vodafone ES



VODAFONE SERVEI DE VEU, ACCÉS A XARRES DE L'OPERADOR, LA FLORESTA



## RAN technology statistics per mobile network operator for 21401\_vodafone ES

Network Type	21401
5G	0.0000%
4G	4.9358%
3G	95.0642%
2G	0.0000%
CDMA	0.0000%
NONNETWORK	0.0000%
Total Geo samples	1479

## RAN technology distribution chart per mobile network operator for 21401\_vodafone ES

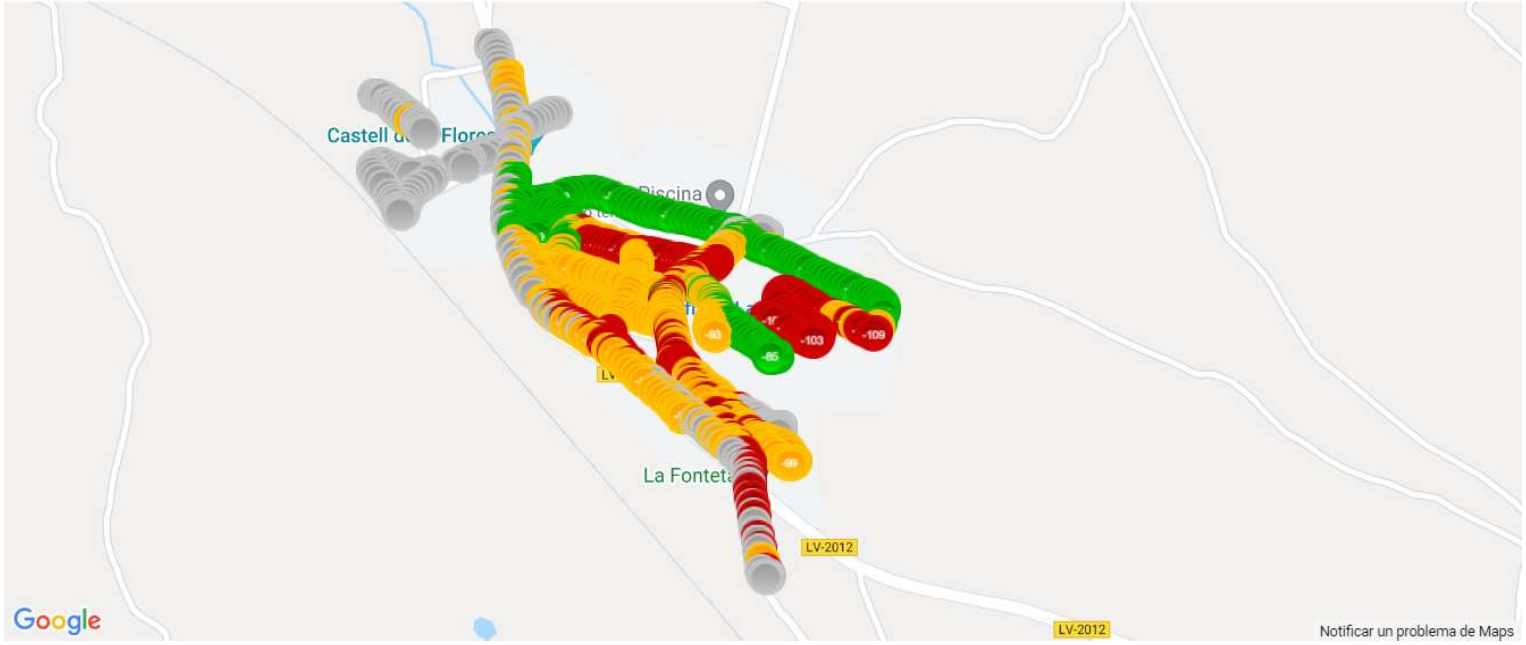


## RSSI view



RSSI KPI statistics per mobile operator for operator 21401\_vodafone ES

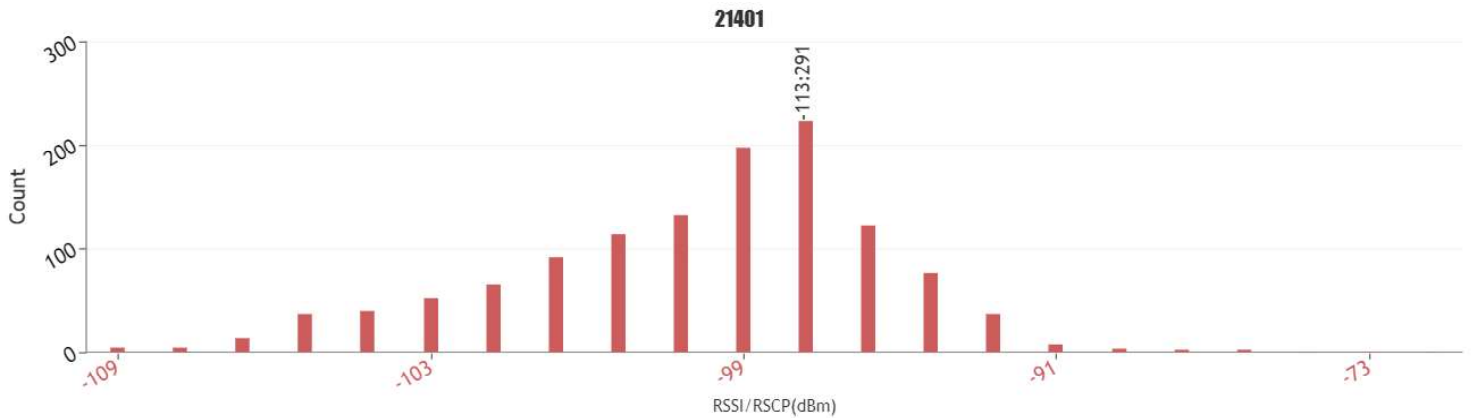
VODAFONE SERVEI DE VEU, MAPA DE NIVELL DE SENYAL, LA FLORESTA



RSSI KPI statistics per mobile operator for 21401\_vodafone ES

Operators	21401
<b>&gt;= -89dBm</b>	16.6922 % (count : 218)
<b>B/w -99dBm to -90dBm</b>	38.9740 % (count : 509)
<b>B/w -112dBm to -100dBm</b>	22.0521 % (count : 288)
<b>&lt;= -113dBm</b>	22.2818 % (count : 291)
Total Geo samples	1306

RSSI distribution chart per mobile operator for 21401\_vodafone ES



# RantCell User QoE test report



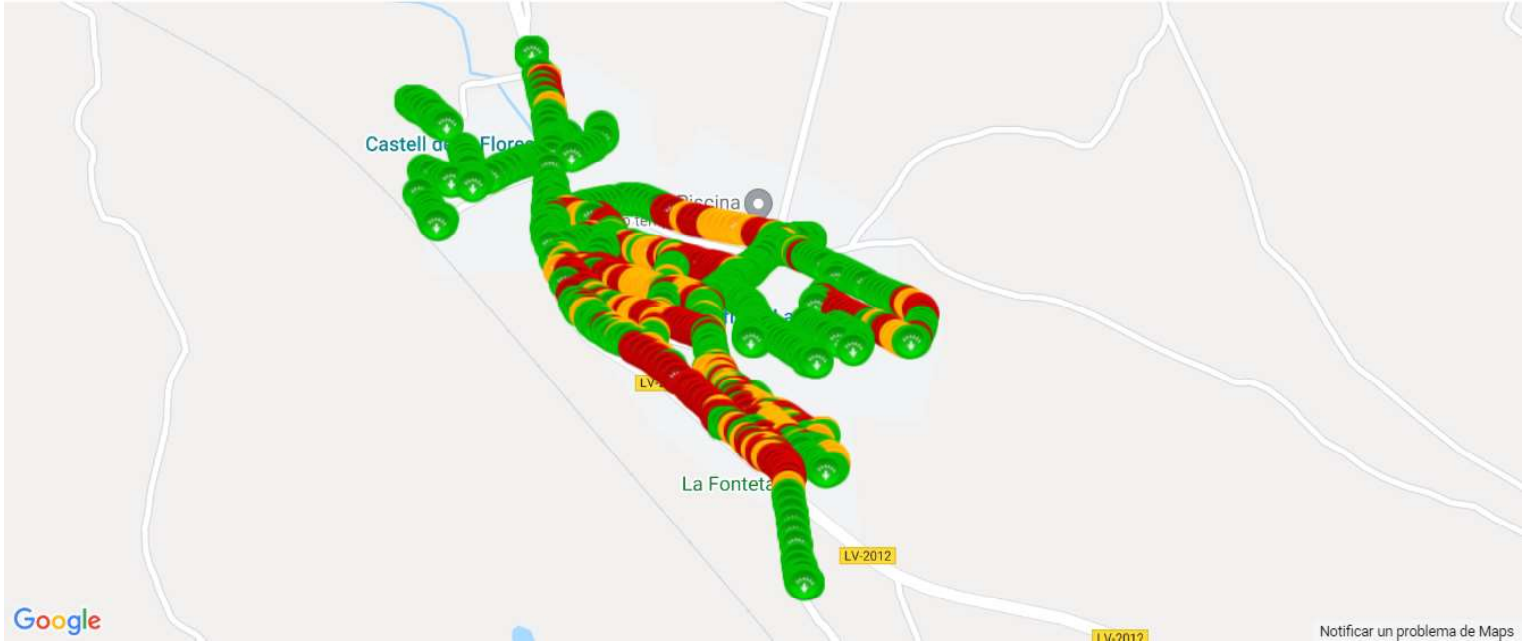
OperatorName	21401_vodafone ES
Test phone Model/Models	Samsung SM-A226B
Report Generation Time	Mar 28, 2022 8:38:29 AM
Test StartTime	Mar 24, 2022 2:40:31 PM
Test EndTime	Mar 24, 2022 3:09:32 PM
Download Speed Test	Yes

# Download speed test report

Download speed test view for 21401\_vodafone ES



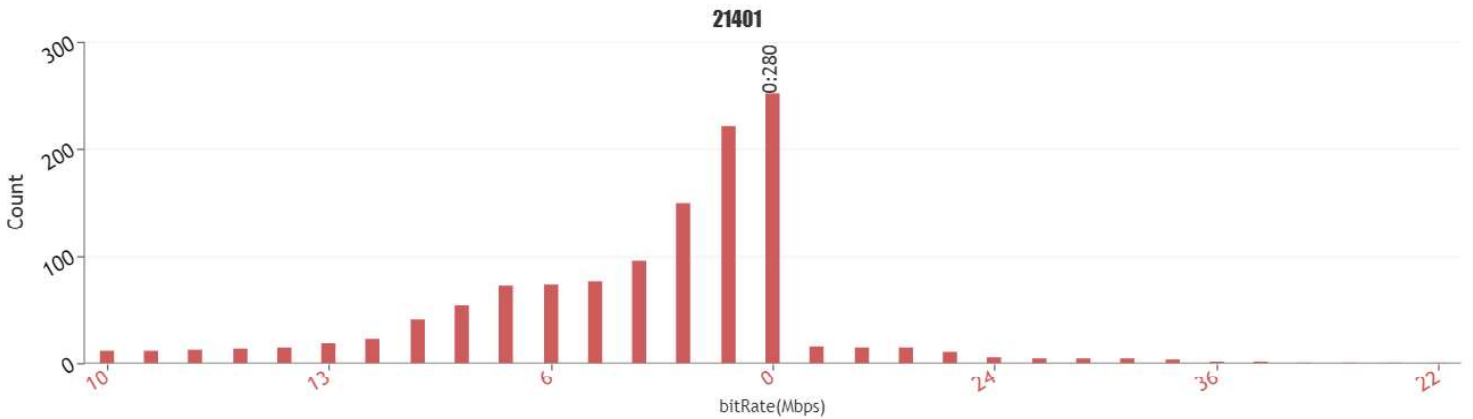
VODAFONE SERVEI DE DADES, MAPA DE VELOCITATS DE DESCÀRREGA, LA FLORESTA



Download test KPI statistics per mobile operator for 21401\_vodafone ES

Operators	21401
above 1.2Mbps	63.2411 % (count : 800)
0.4Mbps - 1.2Mbps	16.9170 % (count : 214)
0Mbps - 0.4Mbps	19.8419 % (count : 251)
Average (mbps)	4.60
Peak Speed (mbps)	36.41
Lowest Recorded (mbps)	0
Total Geo samples	1265

Download test distribution chart per mobile operators for 21401\_vodafone ES



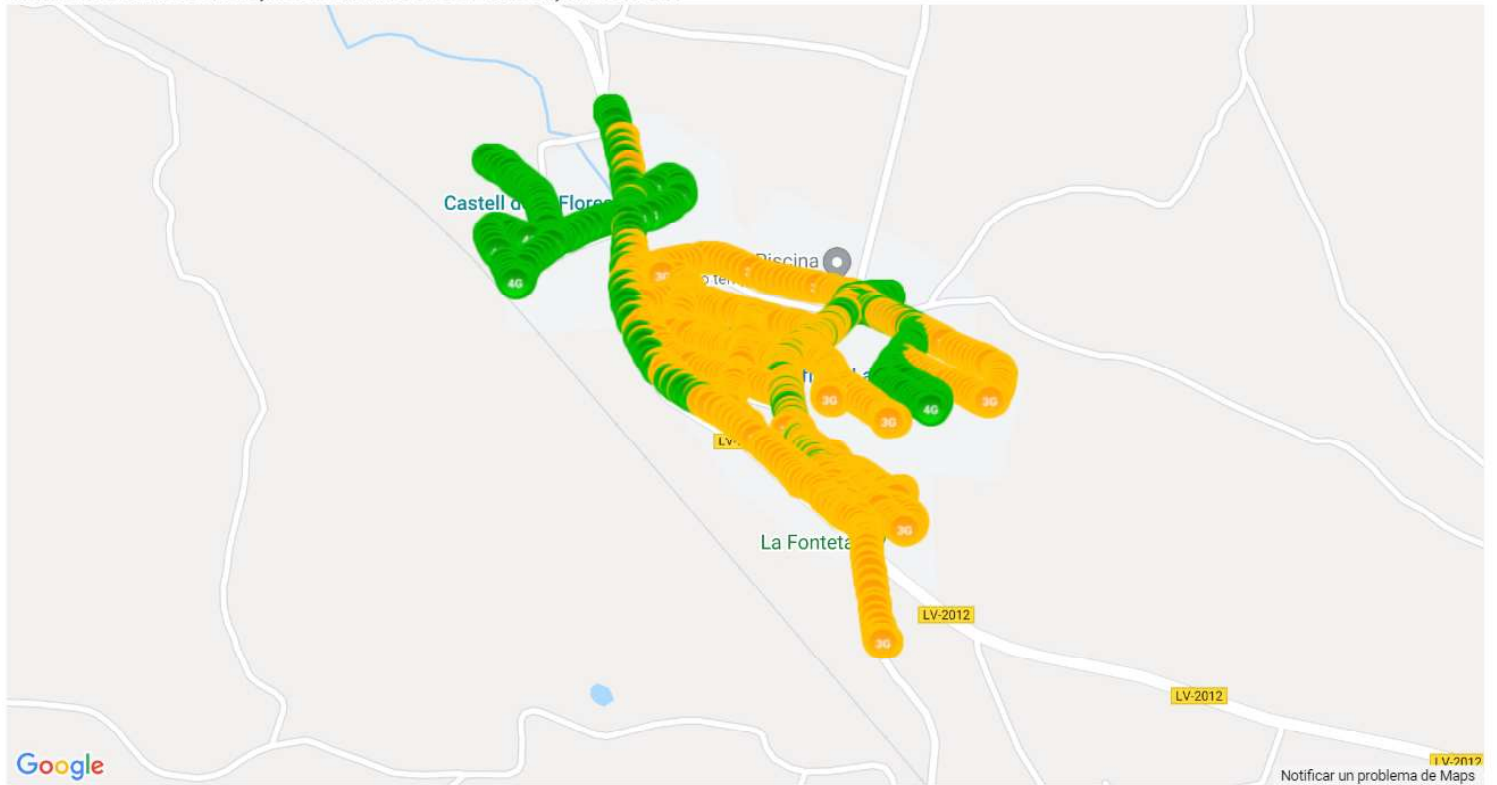
# User perceived mobile network coverage during tests



mobile network coverage during tests for operators 21401\_vodafone ES



VODAFONE SERVEI DE DADES, ACCÉS A XARXES DE L'OPERADOR, LA FLORESTA



## RAN technology statistics per mobile network operator for 21401\_vodafone ES

Network Type	21401
5G	0.0000%
4G	26.1465%
3G	73.8535%
2G	0.0000%
CDMA	0.0000%
NONNETWORK	0.0000%
Total Geo samples	1461

## RAN technology distribution chart per mobile network operator for 21401\_vodafone ES





## RSRP view

RSRP KPI statistics per mobile operator for operator 21401\_vodafone ES

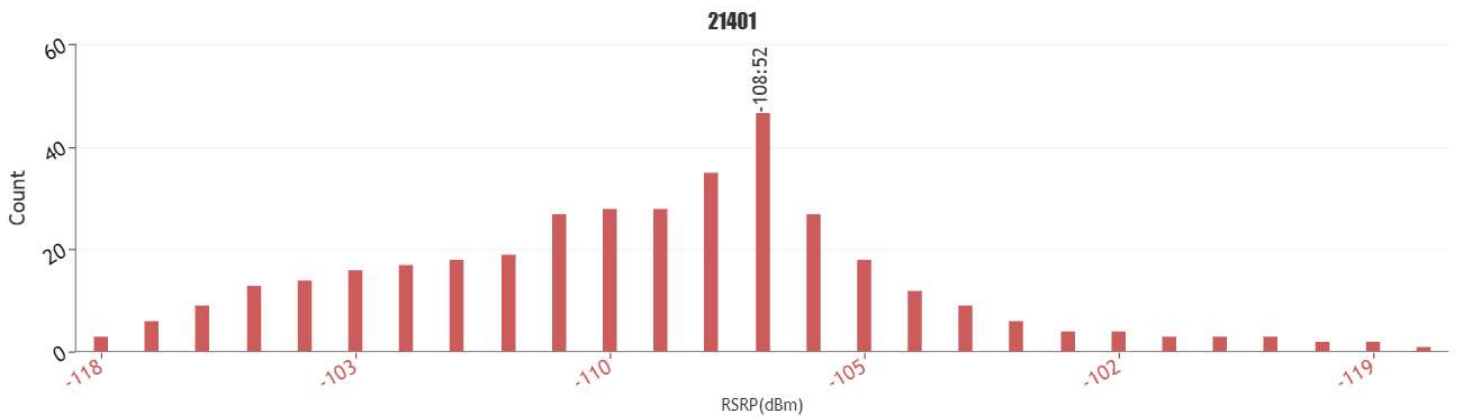
VODAFONE SERVEI DE DADES, MAPA DE NIVELL DE SENYAL 4G, LA FLORESTA



RSRP KPI statistics per mobile operator for 21401\_vodafone ES

Operators	21401
<b>&gt;= to -89dBm</b>	0 % (count : 0)
<b>B/w -99dBm to -90dBm</b>	4.2216 % (count : 16)
<b>B/w -112dBm to -100dBm</b>	75.4617 % (count : 286)
<b>&lt;= -113dBm</b>	20.3166 % (count : 77)
Total Geo samples	379

RSRP distribution chart per mobile operator for 21401\_vodafone ES

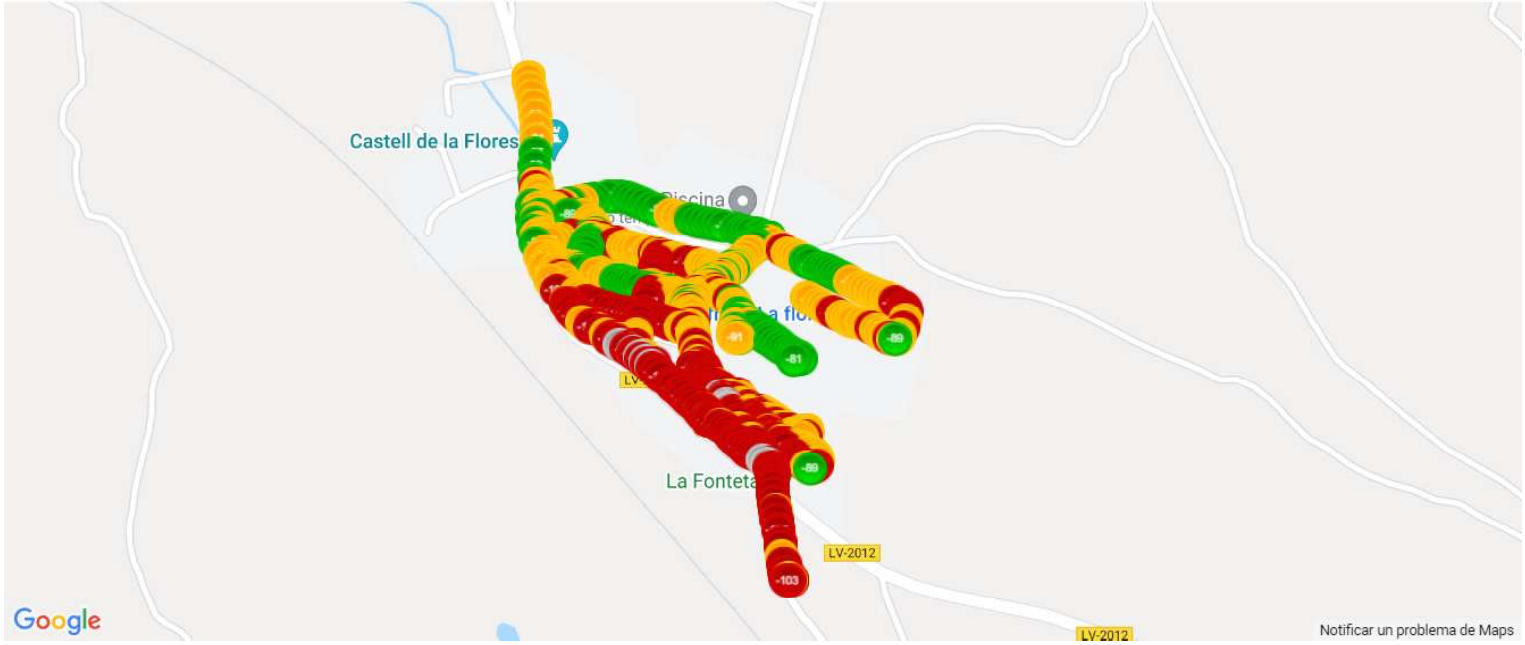


## RSSI view



RSSI KPI statistics per mobile operator for operator 21401\_vodafone ES

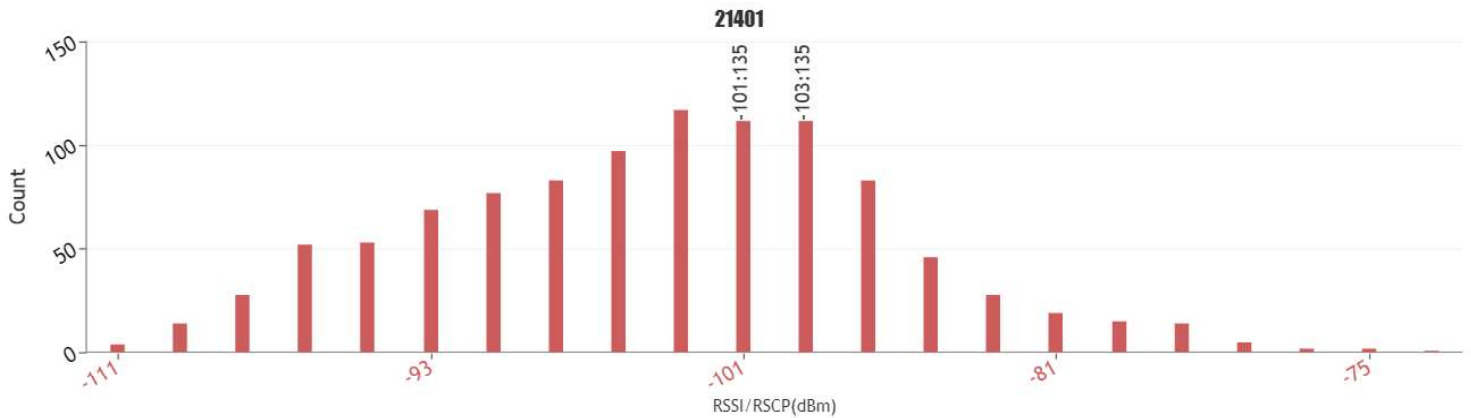
VODAFONE SERVEI DE DADES, MAPA DE NIVELL DE SENYAL 3G, LA FLORESTA



RSSI KPI statistics per mobile operator for 21401\_vodafone ES

Operators	21401
<b>&gt;= -89dBm</b>	19.9259 % (count : 215)
<b>B/w -99dBm to -90dBm</b>	41.0565 % (count : 443)
<b>B/w -112dBm to -100dBm</b>	37.7201 % (count : 407)
<b>&lt; -113dBm</b>	1.2975 % (count : 14)
Total Geo samples	1079

RSSI distribution chart per mobile operator for 21401\_vodafone ES



# RantCell User QoE test report



OperatorName	21403_Orange
Test phone Model/Models	Samsung SM-A226B
Report Generation Time	Mar 28, 2022 8:26:27 AM
Test StartTime	Mar 24, 2022 2:40:36 PM
Test EndTime	Mar 24, 2022 3:08:58 PM
Voice Call Test	Yes

## Voice call test report

Call test view of mobile operators for 21403\_Orange

### ORANGE SERVEI DE VEU, MAPA DE TRUCADES, LA FLORESTA



Call test KPI statistics per mobile operator for 21403\_Orange

Operators	21403
Total Calls Success	34
Total Calls Attempted	35
Total Calls Failed	1
Dropped Calls	1
Aborted Calls	0
CallSetup Failed	0
No Network	0
Attempted Voice call on 2G	0
Attempted Voice call on 3G	4
Successful CSFB call to 3G	31

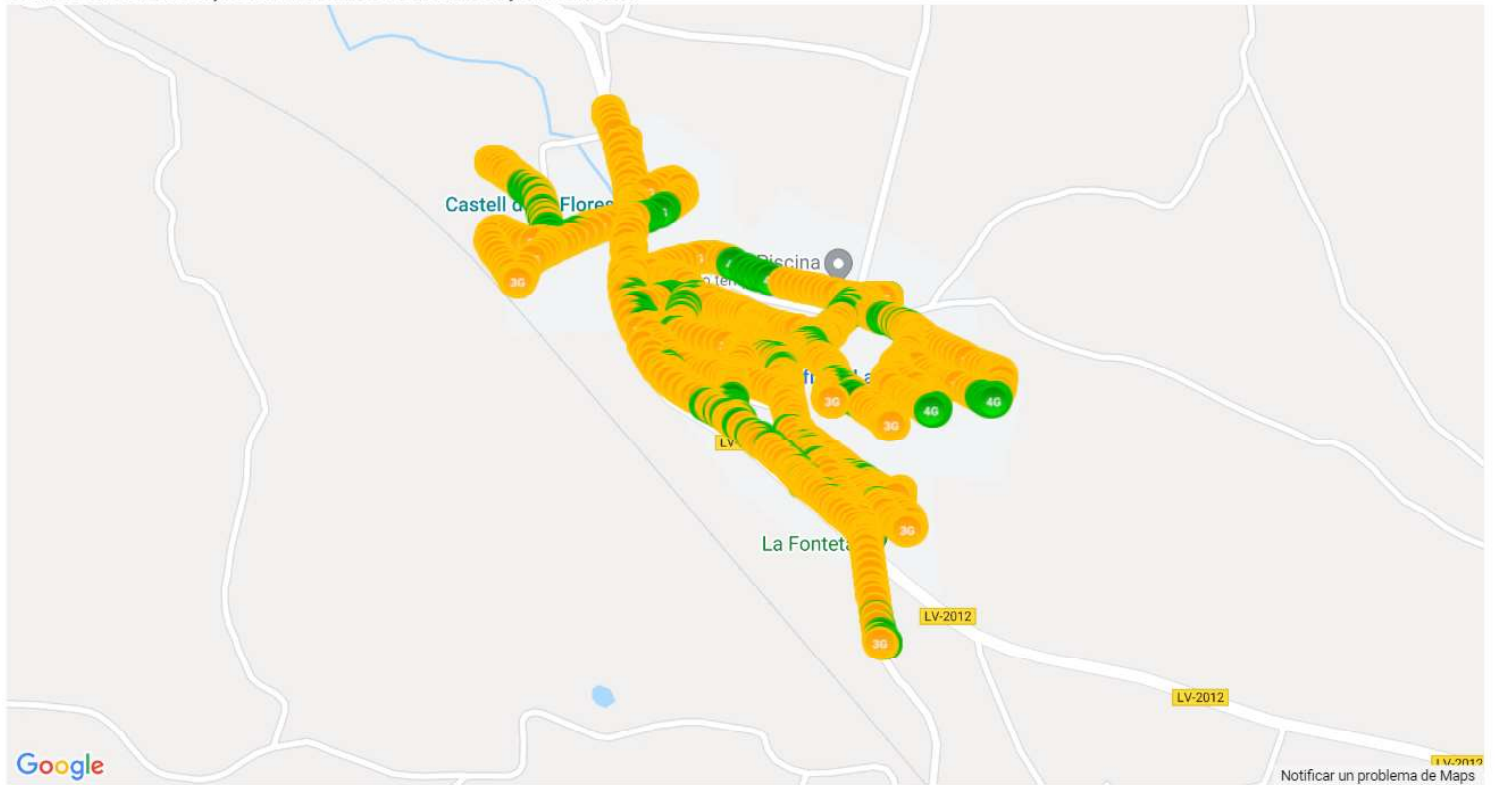
# User perceived mobile network coverage during tests



mobile network coverage during tests for operators 21403\_Orange



ORANGE SERVEI DE VEU, ACCÉS A XARXES DE L'OPERADOR, LA FLORESTA



## RAN technology statistics per mobile network operator for 21403\_Orange

Network Type	21403
5G	0.0000%
4G	15.8954%
3G	84.1046%
2G	0.0000%
CDMA	0.0000%
NONNETWORK	0.0000%
Total Geo samples	1491

## RAN technology distribution chart per mobile network operator for 21403\_Orange

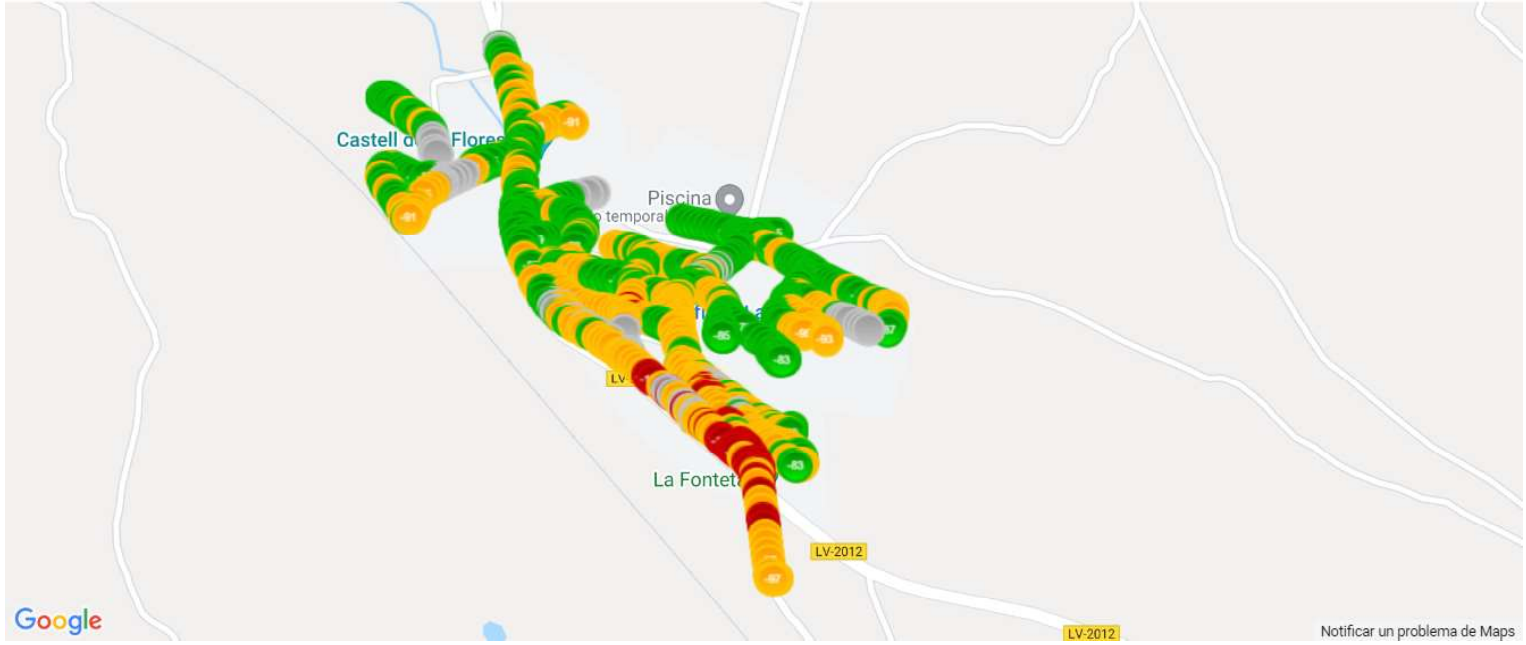


## RSSI view



RSSI KPI statistics per mobile operator for operator 21403\_Orange

ORANGE SERVEI DE VEU, MAPA DE NIVELL DE SENYAL, LA FLORESTA



RSSI KPI statistics per mobile operator for 21403\_Orange

Operators	21403
<b>&gt;= -89dBm</b>	48.3960 % (count : 528)
<b>B/w -99dBm to -90dBm</b>	41.0632 % (count : 448)
<b>B/w -112dBm to -100dBm</b>	4.1247 % (count : 45)
<b>&lt;= -113dBm</b>	6.4161 % (count : 70)
Total Geo samples	1091

RSSI distribution chart per mobile operator for 21403\_Orange





# RantCell User QoE test report



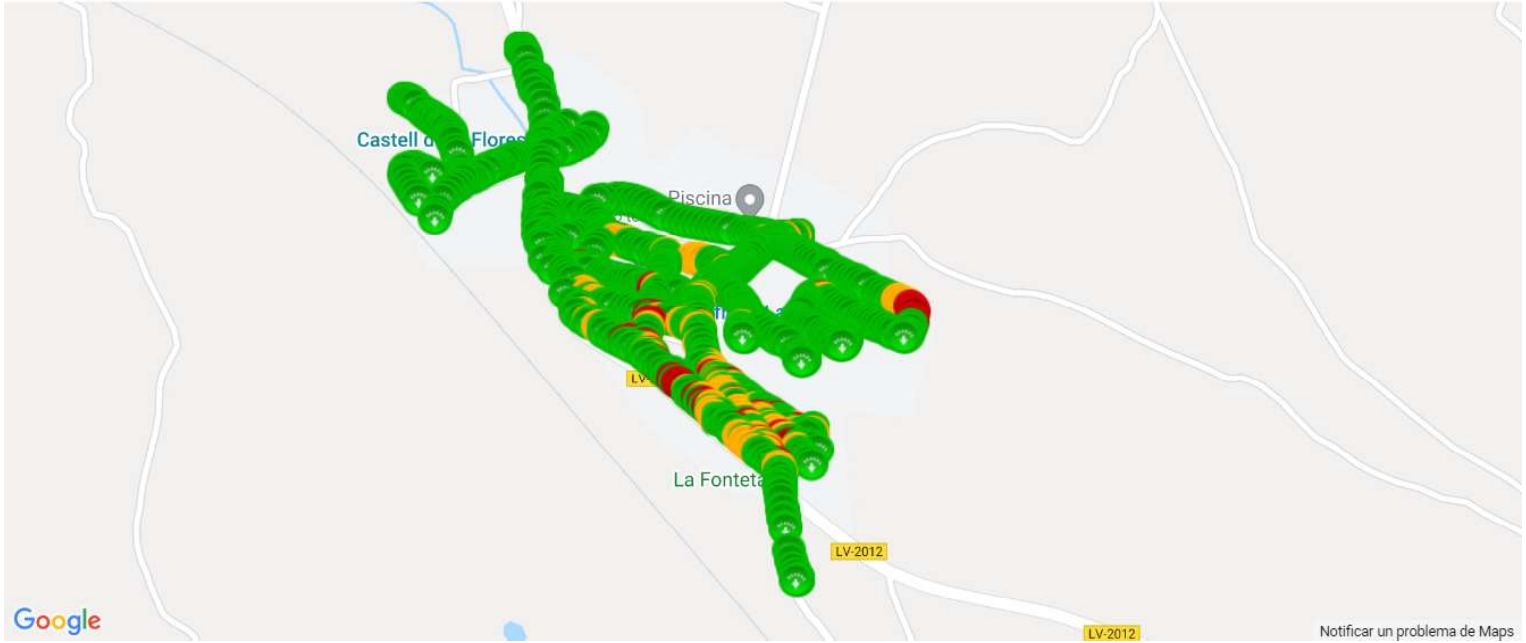
OperatorName	21403_Orange
Test phone Model/Models	Samsung SM-A226B
Report Generation Time	Mar 28, 2022 8:30:20 AM
Test StartTime	Mar 24, 2022 2:40:33 PM
Test EndTime	Mar 24, 2022 3:08:46 PM
Download Speed Test	Yes

# Download speed test report

Download speed test view for 21403\_Orange



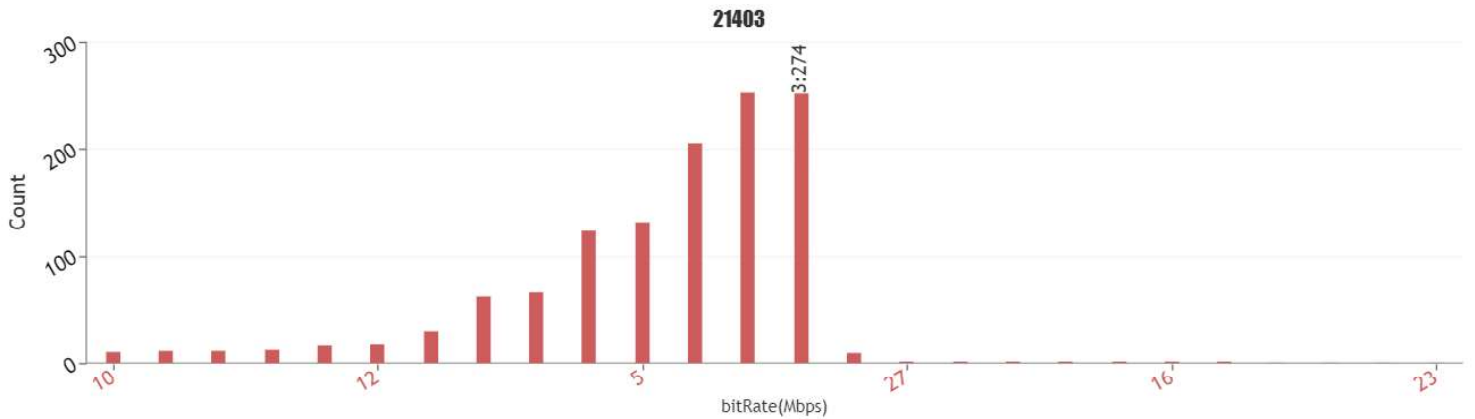
ORANGE SERVEI DE DADES, MAPA DE VELOCITATS DE DESCÀRREGA, LA FLORESTA



## Download test KPI statistics per mobile operator for 21403\_Orange

Operators	21403
above 1.2Mbps	83.4127 % (count : 1051)
0.4Mbps - 1.2Mbps	12.2222 % (count : 154)
0Mbps - 0.4Mbps	4.3651 % (count : 55)
Average (mbps)	3.74
Peak Speed (mbps)	39.94
Lowest Recorded (mbps)	0
Total Geo samples	1260

## Download test distribution chart per mobile operators for 21403\_Orange



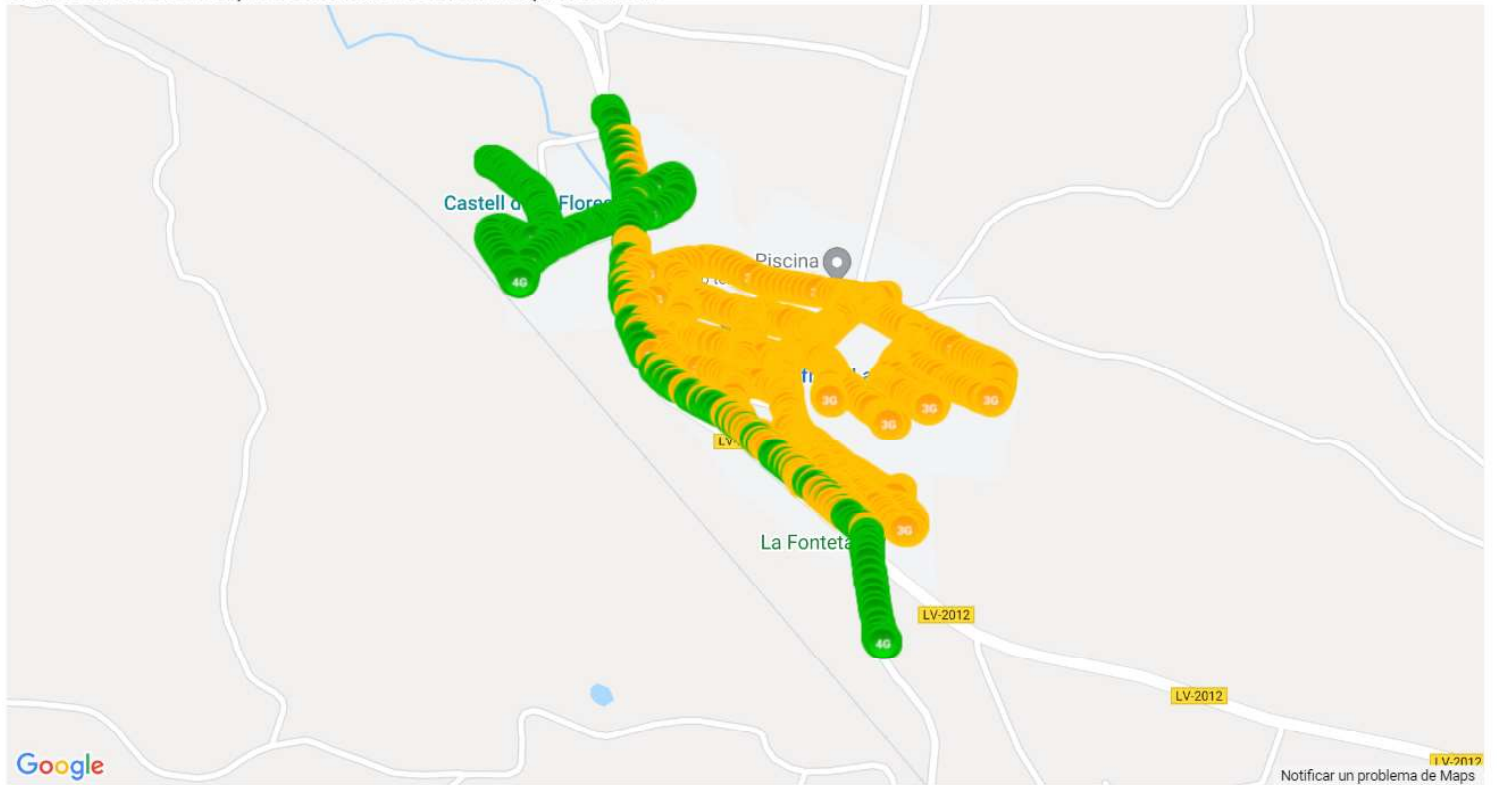
# User perceived mobile network coverage during tests



mobile network coverage during tests for operators 21403\_Orange



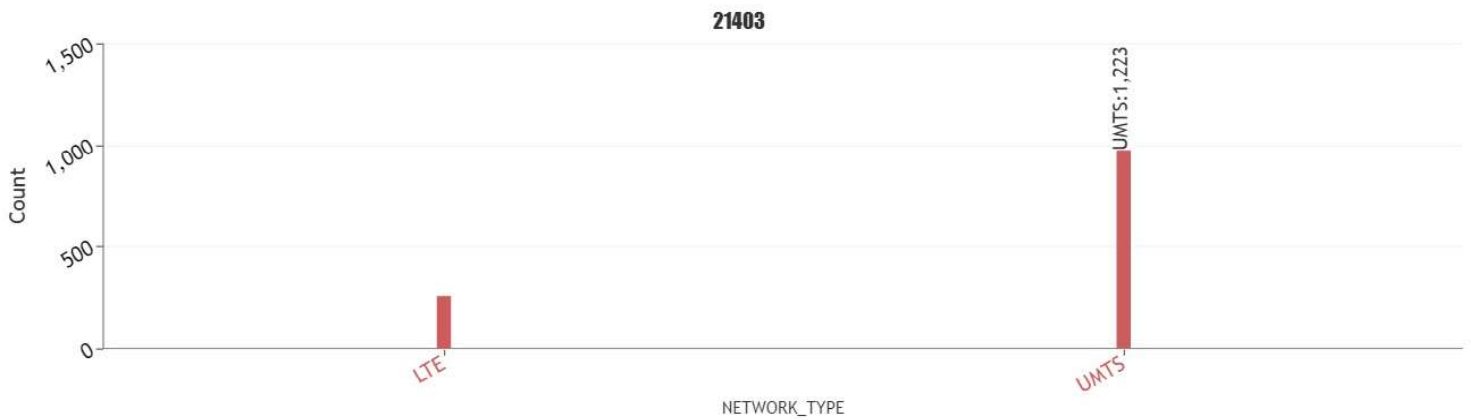
ORANGE SERVEI DE DADES, ACCÉS A XARXES DE L'OPERADOR, LA FLORESTA



## RAN technology statistics per mobile network operator for 21403\_Orange

Network Type	21403
5G	0.0000%
4G	17.6431%
3G	82.3569%
2G	0.0000%
CDMA	0.0000%
NONNETWORK	0.0000%
Total Geo samples	1485

## RAN technology distribution chart per mobile network operator for 21403\_Orange



## RSRP view

RSRP KPI statistics per mobile operator for operator 21403\_Orange

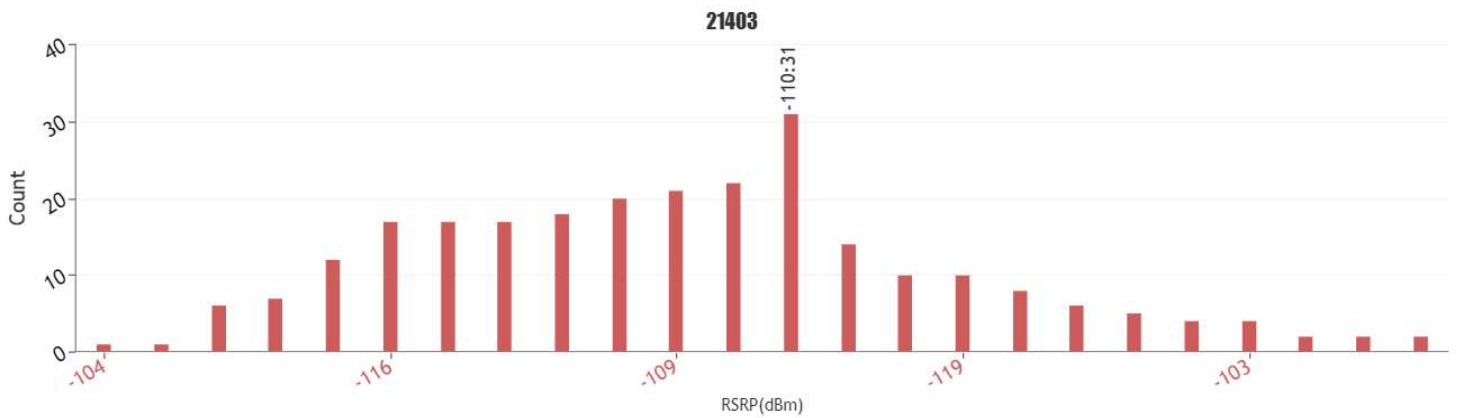
ORANGE SERVEI DE DADES, MAPA DE NIVELL DE SENYAL 4G, LA FLORESTA



RSRP KPI statistics per mobile operator for 21403\_Orange

Operators	21403
<b>&gt;= to -89dBm</b>	0 % (count : 0)
<b>B/w -99dBm to -90dBm</b>	1.5564 % (count : 4)
<b>B/w -112dBm to -100dBm</b>	51.7510 % (count : 133)
<b>&lt;= -113dBm</b>	46.6926 % (count : 120)
Total Geo samples	257

RSRP distribution chart per mobile operator for 21403\_Orange

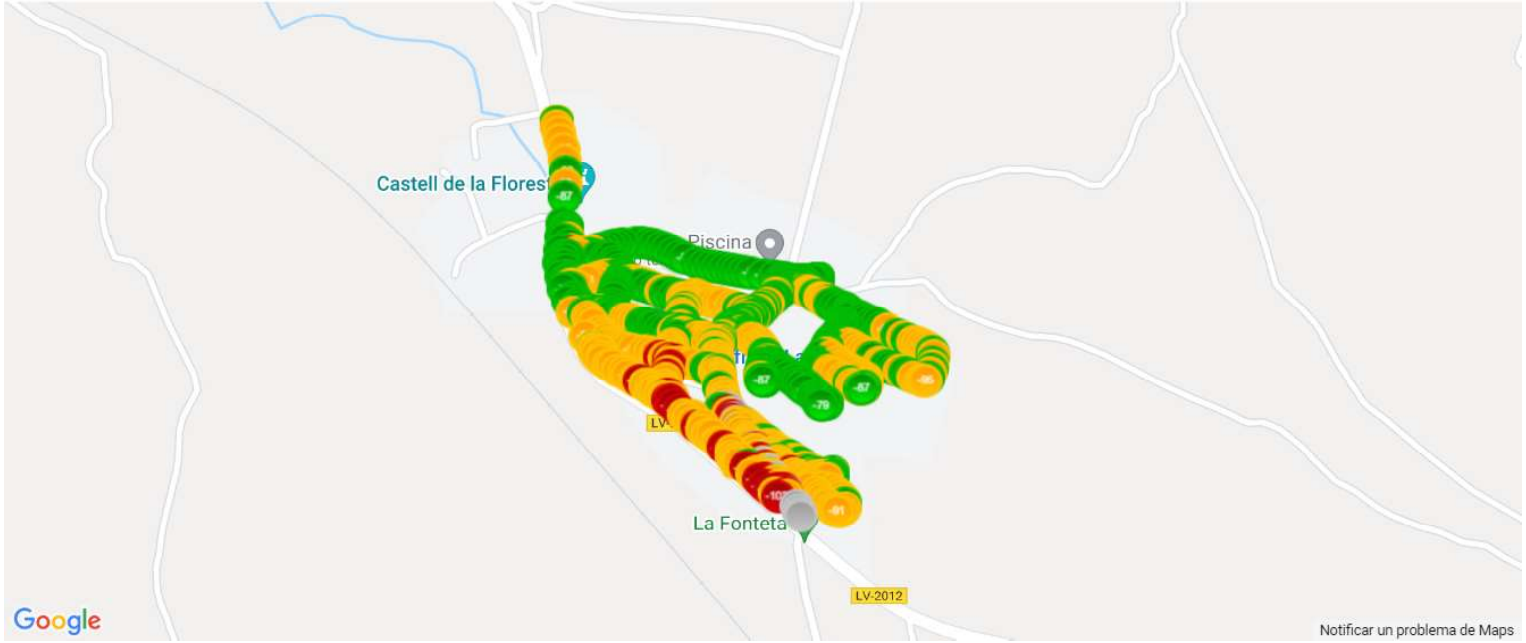


# RSSI view



RSSI KPI statistics per mobile operator for operator 21403\_Orange

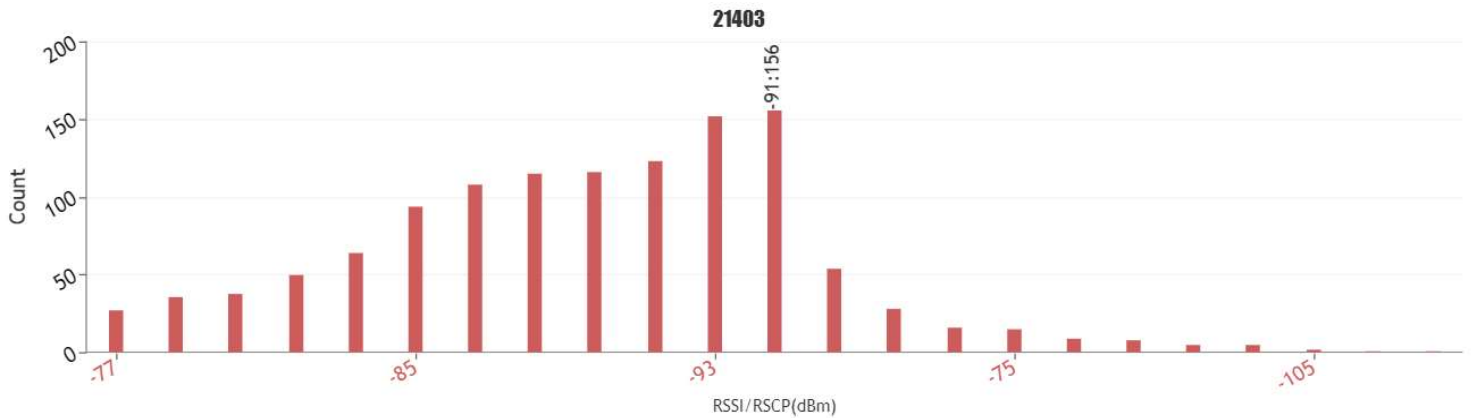
ORANGE SERVEI DE DADES, MAPA DE NIVELL DE SENYAL 3G, LA FLORESTA



RSSI KPI statistics per mobile operator for 21403\_Orange

Operators	21403
<b>&gt;= -89dBm</b>	45.2984 % (count : 554)
<b>B/w -99dBm to -90dBm</b>	47.9150 % (count : 586)
<b>B/w -112dBm to -100dBm</b>	3.8430 % (count : 47)
<b>&lt;= -113dBm</b>	2.9436 % (count : 36)
Total Geo samples	1223

RSSI distribution chart per mobile operator for 21403\_Orange



## LA GRANADELLA: RESUM MESURES

OPERADOR	SERVEI DE VEU	SERVEI DE DADES
MOVISTAR	CORRECTE (3G)	CORRECTE (3G)
VODAFONE	CORRECTE (3G)	CORRECTE (3G/4G/5G)
ORANGE	CORRECTE (3G)	CORRECTE (3G)

Comentaris:

No es troben deficiències significatives de servei de veu o dades de cap operador.

La senyal de Vodafone és dèbil i tot i així la velocitat de Dades sembla comparable a la de Movistar i significativament millor que la de Orange, fet que contrasta tant amb el nivell de senyal com amb la informació proporcionada per l'ajuntament. Després d'una segona iteració de la prova, comprovem que aquest fenomen es repeteix.

Es preveu servei de fibra òptica de XOC operatiu a l'estiu.

Servei de Movistar i Vodafone a Sant Antoni. Servei d'Orange provinent de municipis propers.







Granadella

### VODAFONE ESPAÑA, S.A.

Estación: 54522

Dirección: ZN POLIGONO 11 PARCELA 3.  
GRANADELLA (LA), LLEIDA

Posición: 41.362417 lat / 0.6735 lng

Elevación: **Sólo PRO**

ID	BANDA	MODOS*
	949.90 - 959.90	

### VODAFONE ESPAÑA, S.A.

Estación: 054522

Dirección: VP POLIGONO 11 PARCELA 3, 00.  
GRANADELLA (LA), LLEIDA

Posición: 41.362417 lat / 0.6735 lng

Elevación: **Sólo PRO**

ID	BANDA	MODOS*
	949.90 - 959.90	

### TELEFONICA MOVILES ESPAÑA, S.A.U.

Estación: 2500229

Dirección: ZN Polígono 11 Parcela 3.  
GRANADELLA (LA), LLEIDA

Posición: 41.362417 lat / 0.6735 lng

Elevación: **Sólo PRO**

ID	BANDA	MODOS*
	1805.10 - 1825.10	
	852.00 - 862.00	
	935.10 - 949.90	
	935.10 - 949.90	



### ORANGE ESPAGNE, S.A.U.

Estación: CATR5453A

Dirección: ZN POLÍGONO 1 PARCELA 226.  
BOVERA, LLEIDA

Posición: 41.329892 lat / 0.637686 lng

Elevación: **Sólo PRO**

ID	BANDA	MODOS*
	832.00 - 842.00	
	925.10 - 935.10	
	925.10 - 935.10	

# RantCell User QoE test report



OperatorName	21407_Movistar
Test phone Model/Models	Samsung SM-A226B
Report Generation Time	Mar 22, 2022 12:26:33 PM
Test StartTime	Mar 16, 2022 2:16:12 PM
Test EndTime	Mar 16, 2022 2:30:27 PM
Voice Call Test	Yes

## Voice call test report

Call test view of mobile operators for 21407\_Movistar

### MOVISTAR SERVEI DE VEU, MAPA DE TRUCADES, LA GRANADELLA



Call test KPI statistics per mobile operator for 21407\_Movistar

Operators	21407
Total Calls Success	17
Total Calls Attempted	18
Total Calls Failed	1
Dropped Calls	1
Aborted Calls	0
CallSetup Failed	0
No Network	0
Attempted Voice call on 2G	0
Attempted Voice call on 3G	11
Successful CSFB call to 3G	7

# User perceived mobile network coverage during tests



mobile network coverage during tests for operators 21407\_Movistar



MOVISTAR SERVEI DE VEU, ACCÉS A XARXES DE L'OPERADOR, LA GRANADELLA



## RAN technology statistics per mobile network operator for 21407\_Movistar

Network Type	21407
5G	0.0000%
4G	13.3952%
3G	86.6048%
2G	0.0000%
CDMA	0.0000%
NONNETWORK	0.0000%
Total Geo samples	754

## RAN technology distribution chart per mobile network operator for 21407\_Movistar



## RSSI view



RSSI KPI statistics per mobile operator for operator 21407\_Movistar

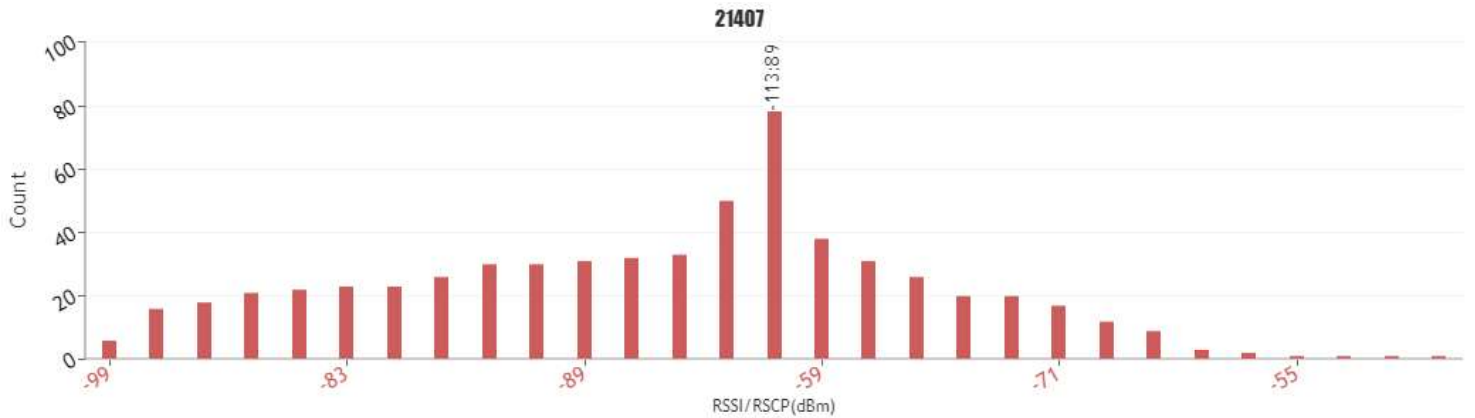
MOVISTAR SERVEI DE VEU, MAPA DE NIVELL DE SENYAL, LA GRANADELLA



RSSI KPI statistics per mobile operator for 21407\_Movistar

Operators	21407
>= -89dBm	67.5633 % (count : 427)
B/w -99dBm to -90dBm	17.2468 % (count : 109)
B/w -112dBm to -100dBm	1.1076 % (count : 7)
<= -113dBm	14.0823 % (count : 89)
Total Geo samples	632

RSSI distribution chart per mobile operator for 21407\_Movistar



# RantCell User QoE test report



OperatorName	21407_Movistar
Test phone Model/Models	Samsung SM-A226B
Report Generation Time	Mar 22, 2022 12:40:04 PM
Test StartTime	Mar 16, 2022 2:16:33 PM
Test EndTime	Mar 16, 2022 2:30:27 PM
Download Speed Test	Yes



## Download speed test report

Download speed test view for 21407\_Movistar



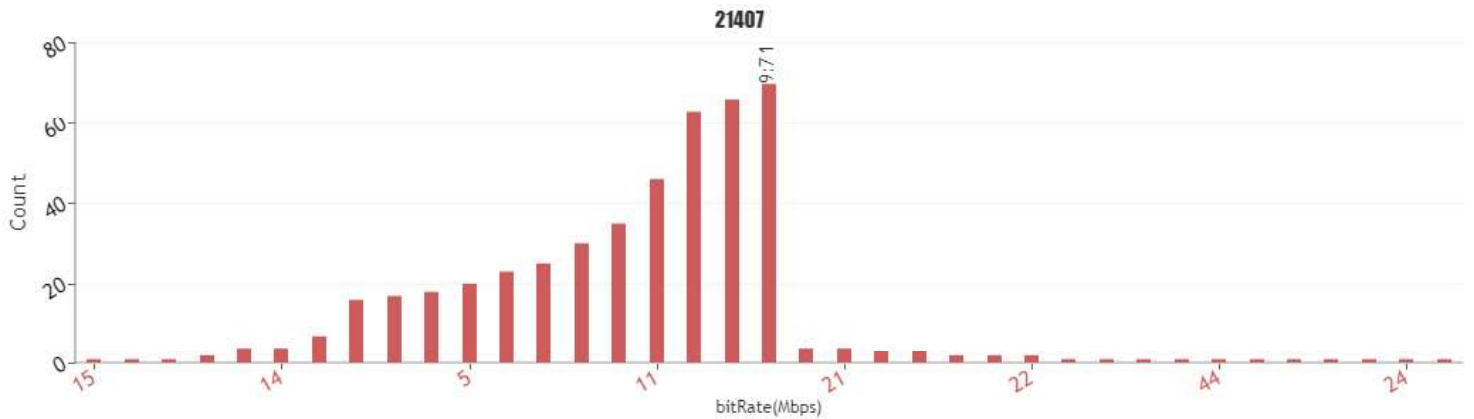
### MOVISTAR SERVEI DE DADES, MAPA DE VELOCITATS DE DESCÀRREGA, LA GRANADELLA



### Download test KPI statistics per mobile operator for 21407\_Movistar

Operators	21407
above 1.2Mbps	97.9210 % (count : 471)
0.4Mbps - 1.2Mbps	1.0395 % (count : 5)
0Mbps - 0.4Mbps	1.0395 % (count : 5)
Average (mbps)	9.91
Peak Speed (mbps)	77.96
Lowest Recorded (mbps)	0
Total Geo samples	481

### Download test distribution chart per mobile operators for 21407\_Movistar



# User perceived mobile network coverage during tests



mobile network coverage during tests for operators 21407\_Movistar



MOVISTAR SERVEI DE DADES, ACCÉS A XARXES DE L'OPERADOR, LA GRANADELLA



## RAN technology statistics per mobile network operator for 21407\_Movistar

Network Type	21407
5G	0.0000%
4G	14.9725%
3G	85.0275%
2G	0.0000%
CDMA	0.0000%
NONNETWORK	0.0000%
Total Geo samples	728

## RAN technology distribution chart per mobile network operator for 21407\_Movistar



# RSSI view



RSSI KPI statistics per mobile operator for operator 21407\_Movistar

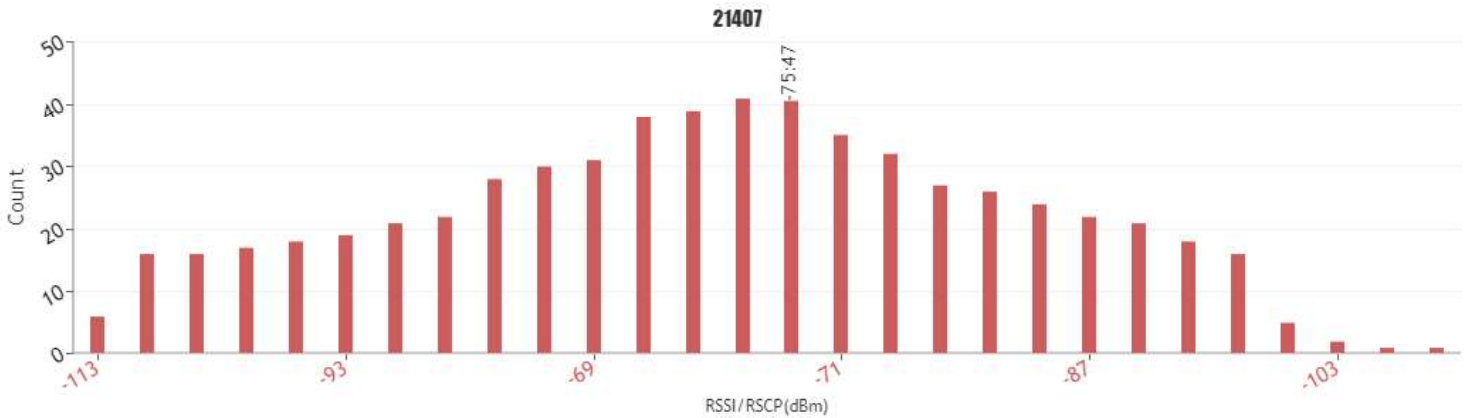
MOVISTAR SERVEI DE DADES, MAPA DE NIVELL DE SENYAL, LA GRANADELLA



RSSI KPI statistics per mobile operator for 21407\_Movistar

Operators	21407
>= -89dBm	83.5218 % (count : 517)
B/w -99dBm to -90dBm	14.8627 % (count : 92)
B/w -112dBm to -100dBm	0.6462 % (count : 4)
<= -113dBm	0.9693 % (count : 6)
Total Geo samples	619

RSSI distribution chart per mobile operator for 21407\_Movistar



# RantCell User QoE test report



OperatorName	21401_vodafone ES
Test phone Model/Models	Samsung SM-A226B
Report Generation Time	Mar 22, 2022 1:06:22 PM
Test StartTime	Mar 16, 2022 2:16:03 PM
Test EndTime	Mar 16, 2022 2:30:27 PM
Voice Call Test	Yes

## Voice call test report

Call test view of mobile operators for 21401\_vodafone ES

### VODAFONE SERVEI DE VEU, MAPA DE TRUCADES, LA GRANADELLA



Call test KPI statistics per mobile operator for 21401\_vodafone ES

Operators	21401
Total Calls Success	16
Total Calls Attempted	17
Total Calls Failed	1
Dropped Calls	0
Aborted Calls	0
CallSetup Failed	1
No Network	0
Attempted Voice call on 2G	0
Attempted Voice call on 3G	14
Successful CSFB call to 3G	2
Not Determined(Voice CallType)	1

# User perceived mobile network coverage during tests



mobile network coverage during tests for operators 21401\_vodafone ES



VODAFONE SERVEI DE VEU, ACCÉS A XARXES DE L'OPERADOR, LA GRANADELLA



## RAN technology statistics per mobile network operator for 21401\_vodafone ES

Network Type	21401
5G	0.0000%
4G	4.3883%
3G	95.6117%
2G	0.0000%
CDMA	0.0000%
NONNETWORK	0.0000%
Total Geo samples	752

## RAN technology distribution chart per mobile network operator for 21401\_vodafone ES





# RSSI view



RSSI KPI statistics per mobile operator for operator 21401\_vodafone ES

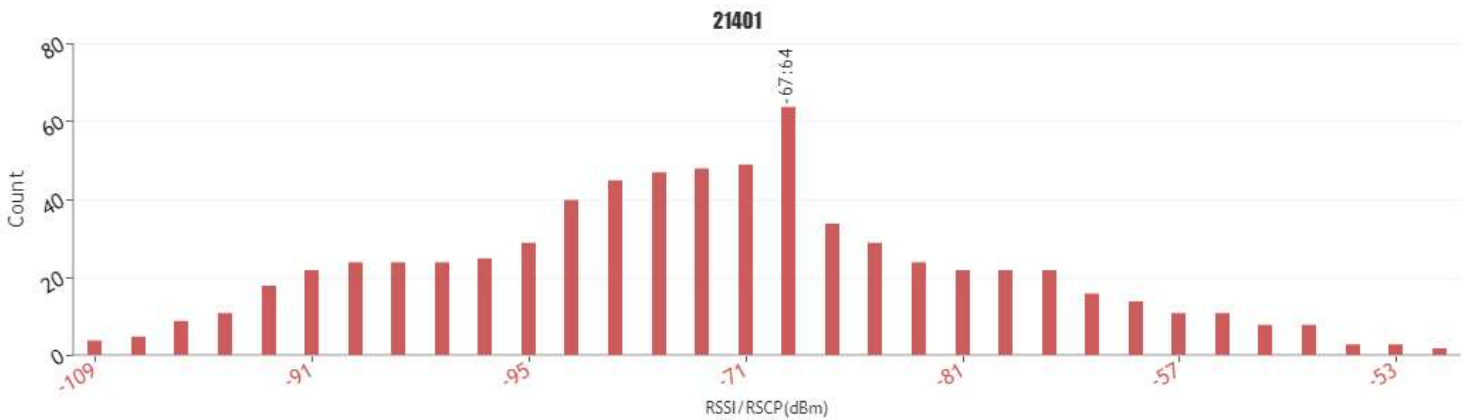
VODAFONE SERVEI DE VEU, MAPA DE NIVELL DE SENYAL, LA GRANADELLA



RSSI KPI statistics per mobile operator for 21401\_vodafone ES

Operators	21401
>= -89dBm	62.0642 % (count : 445)
B/w -99dBm to -90dBm	19.3863 % (count : 139)
B/w -112dBm to -100dBm	12.9707 % (count : 93)
<= -113dBm	5.5788 % (count : 40)
Total Geo samples	717

RSSI distribution chart per mobile operator for 21401\_vodafone ES



# RantCell User QoE test report



OperatorName	21401_vodafone ES
Test phone Model/Models	Samsung SM-A226B
Report Generation Time	Mar 25, 2022 12:49:55 PM
Test StartTime	Mar 18, 2022 12:05:56 PM
Test EndTime	Mar 18, 2022 12:21:32 PM
Download Speed Test	Yes

## Download speed test report

Download speed test view for 21401\_vodafone ES



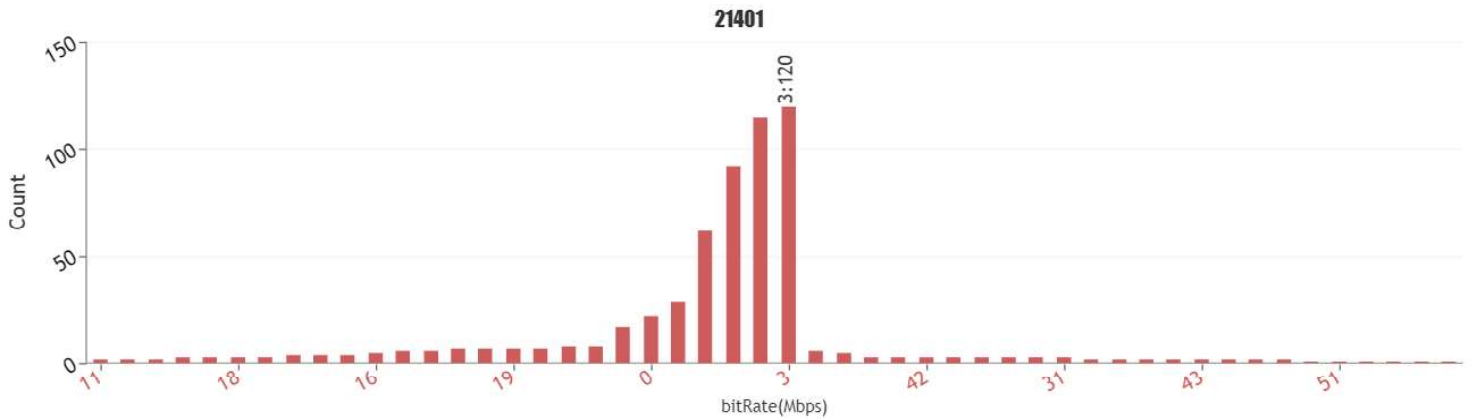
### VODAFONE SERVEI DE DADES, MAPA DE VELOCITATS DE DESCÀRREGA, LA GRANADELLA



### Download test KPI statistics per mobile operator for 21401\_vodafone ES

Operators	21401
above 1.2Mbps	86.7769 % (count : 525)
0.4Mbps - 1.2Mbps	10.5785 % (count : 64)
0Mbps - 0.4Mbps	2.6446 % (count : 16)
Average (mbps)	8.24
Peak Speed (mbps)	55.1
Lowest Recorded (mbps)	0
Total Geo samples	605

### Download test distribution chart per mobile operators for 21401\_vodafone ES



## User perceived mobile network coverage during tests



mobile network coverage during tests for operators 21401\_vodafone ES



VODAFONE SERVEI DE DADES, ACCÉS A XARXES DE L'OPERADOR, LA GRANADELLA



## RAN technology statistics per mobile network operator for 21401\_vodafone ES

Network Type	21401
5G	0.0000%
4G	35.2941%
3G	64.7059%
2G	0.0000%
CDMA	0.0000%
NONNETWORK	0.0000%
Total Geo samples	799

## RAN technology distribution chart per mobile network operator for 21401\_vodafone ES



## RSRP view

RSRP KPI statistics per mobile operator for operator 21401\_vodafone ES

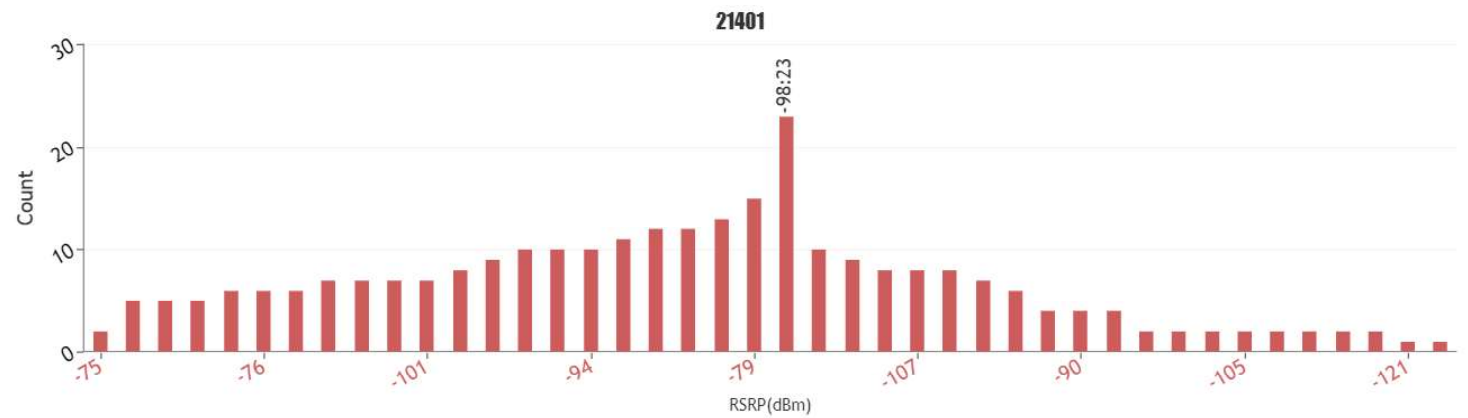
VODAFONE SERVEI DE DADES, MAPA DE NIVELL DE SENYAL 4G, LA GRANADELLA



RSRP KPI statistics per mobile operator for 21401\_vodafone ES

Operators	21401
<b>&gt;= to -89dBm</b>	42.9078 % (count : 121)
<b>B/w -99dBm to -90dBm</b>	30.4965 % (count : 86)
<b>B/w -112dBm to -100dBm</b>	23.7589 % (count : 67)
<b>&lt;= -113dBm</b>	2.8369 % (count : 8)
Total Geo samples	282

RSRP distribution chart per mobile operator for 21401\_vodafone ES



# RSSI view



RSSI KPI statistics per mobile operator for operator 21401\_vodafone ES

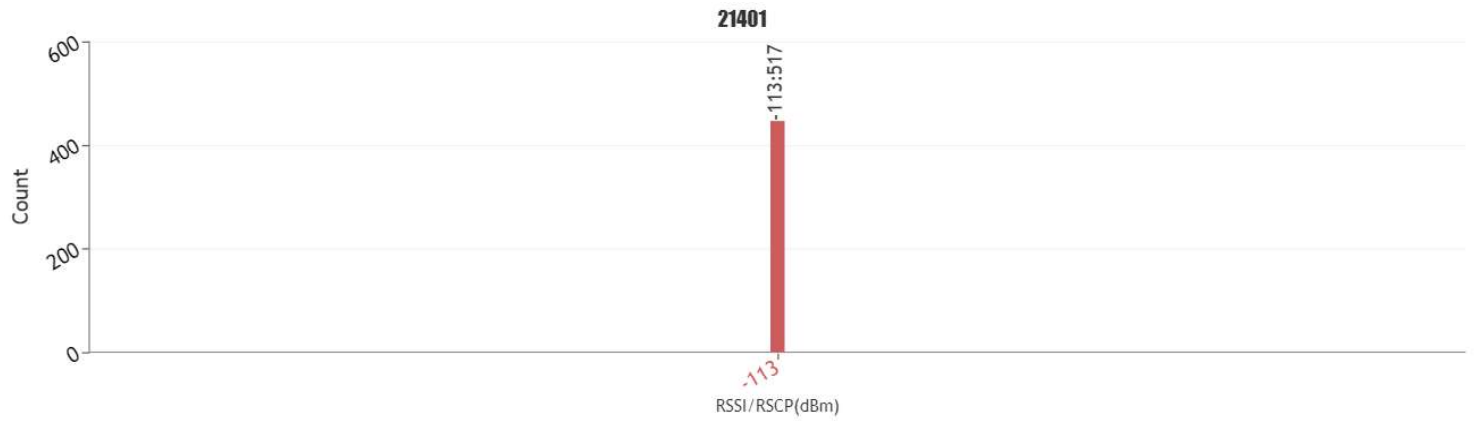
VODAFONE SERVEI DE DADES, MAPA DE NIVELL DE SENYAL 3G, LA GRANADELLA



RSSI KPI statistics per mobile operator for 21401\_vodafone ES

Operators	21401
<b>&gt;= -89dBm</b>	0 % (count : 0)
<b>B/w -99dBm to -90dBm</b>	0 % (count : 0)
<b>B/w -112dBm to -100dBm</b>	0 % (count : 0)
<b>&lt;= -113dBm</b>	100.0000 % (count : 517)
Total Geo samples	517

RSSI distribution chart per mobile operator for 21401\_vodafone ES





# RantCell User QoE test report



OperatorName	21401_vodafone ES
Test phone Model/Models	Samsung SM-A226B
Report Generation Time	Mar 29, 2022 10:19:00 AM
Test StartTime	Mar 28, 2022 12:06:00 PM
Test EndTime	Mar 28, 2022 12:23:48 PM
Download Speed Test	Yes

## Download speed test report

Download speed test view for 21401\_vodafone ES



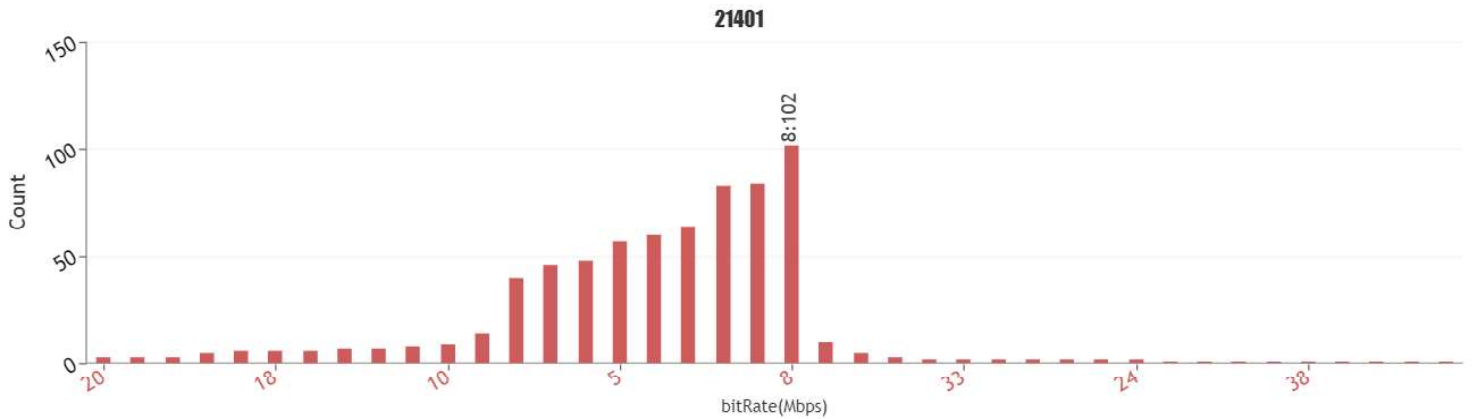
### VODAFONE SERVEI DE DADES, MAPA DE VELOCITATS DE DESCÀRREGA, LA GRANADELLA



### Download test KPI statistics per mobile operator for 21401\_vodafone ES

Operators	21401
above 1.2Mbps	95.2991 % (count : 669)
0.4Mbps - 1.2Mbps	3.7037 % (count : 26)
0Mbps - 0.4Mbps	0.9972 % (count : 7)
Average (mbps)	7.94
Peak Speed (mbps)	51.68
Lowest Recorded (mbps)	0
Total Geo samples	702

### Download test distribution chart per mobile operators for 21401\_vodafone ES



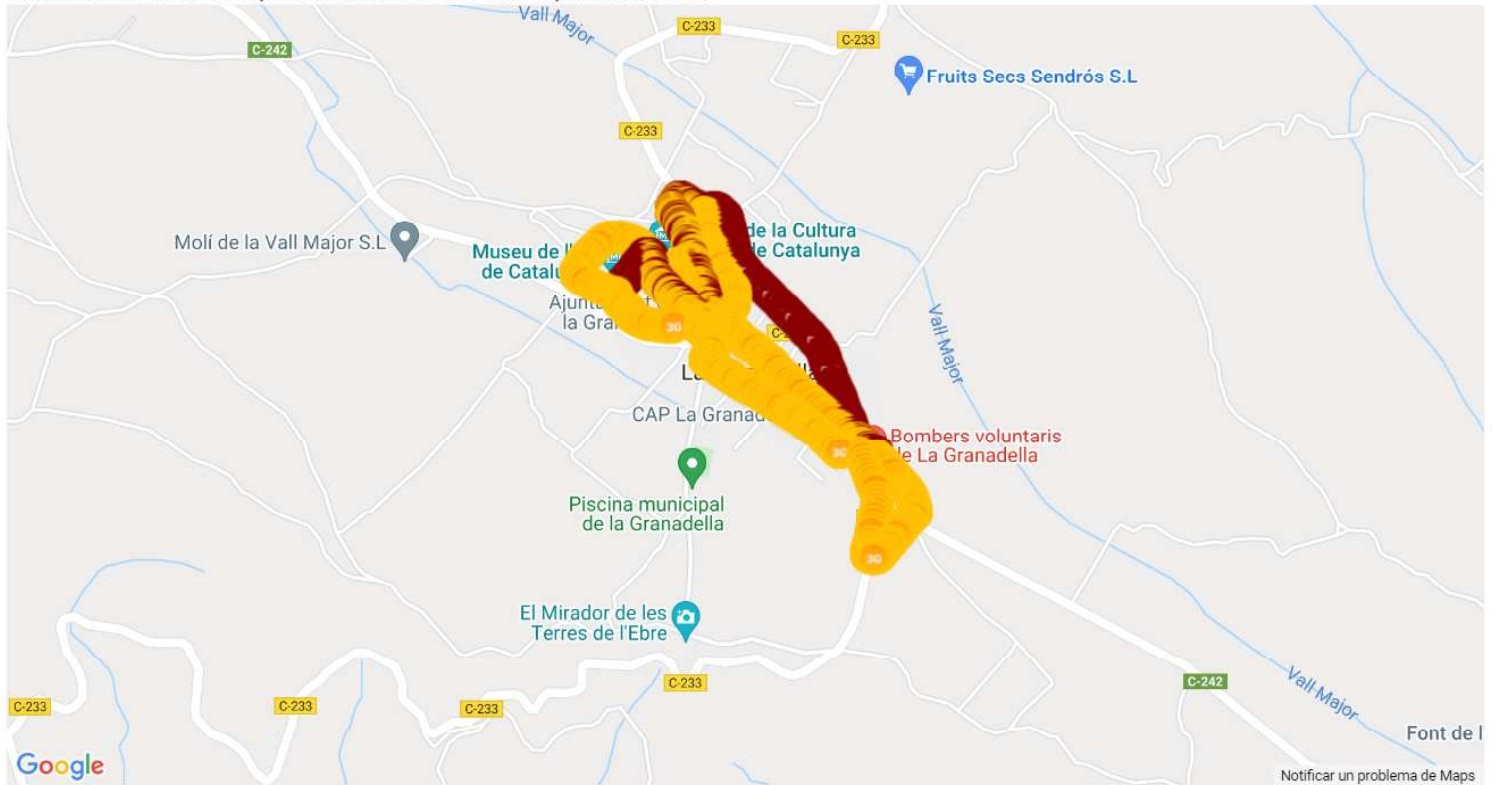
# User perceived mobile network coverage during tests



mobile network coverage during tests for operators 21401\_vodafone ES



VODAFONE SERVEI DE DADES, ACCÉS A XARXES DE L'OPERADOR, LA GRANADELLA



## RAN technology statistics per mobile network operator for 21401\_vodafone ES

Network Type	21401
5G	28.4004%
4G	0.0000%
3G	71.5996%
2G	0.0000%
CDMA	0.0000%
NONNETWORK	0.0000%
Total Geo samples	919

## RAN technology distribution chart per mobile network operator for 21401\_vodafone ES



## RSRP view

RSRP KPI statistics per mobile operator for operator 21401\_vodafone ES

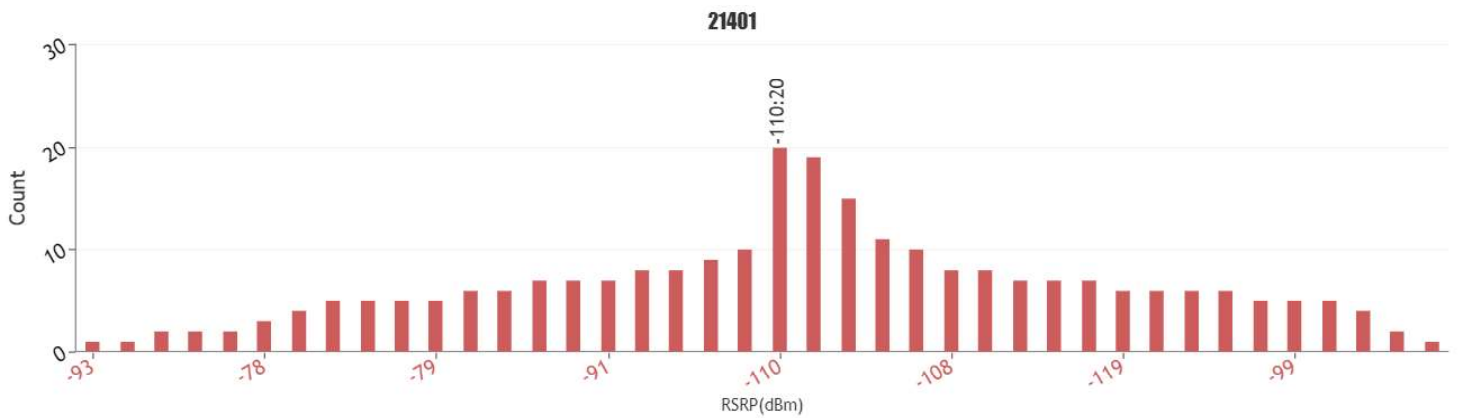
VODAFONE SERVEI DE DADES, MAPA DE NIVELL DE SENYAL 5G, LA GRANADELLA



RSRP KPI statistics per mobile operator for 21401\_vodafone ES

Operators	21401
<b>&gt;= to -89dBm</b>	29.1188 % (count : 76)
<b>B/w -99dBm to -90dBm</b>	12.2605 % (count : 32)
<b>B/w -112dBm to -100dBm</b>	40.2299 % (count : 105)
<b>&lt;= -113dBm</b>	18.3908 % (count : 48)
Total Geo samples	261

RSRP distribution chart per mobile operator for 21401\_vodafone ES



# RSSI view



RSSI KPI statistics per mobile operator for operator 21401\_vodafone ES

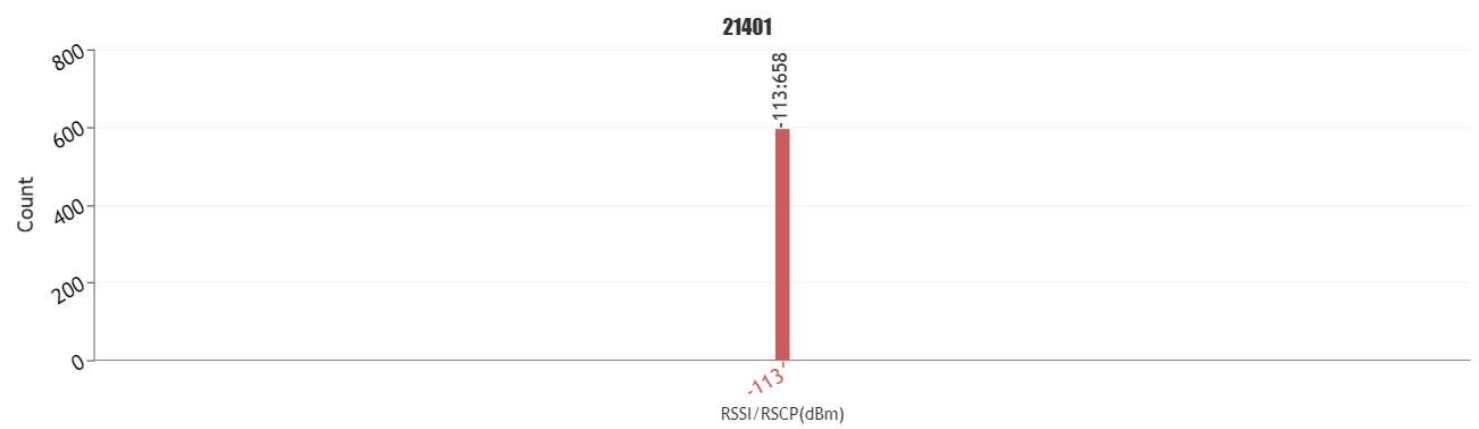
VODAFONE SERVEI DE DADES, MAPA DE NIVELL DE SENYAL 3G, LA GRANADELLA



RSSI KPI statistics per mobile operator for 21401\_vodafone ES

Operators	21401
<b>&gt;= -89dBm</b>	0 % (count : 0)
<b>B/w -99dBm to -90dBm</b>	0 % (count : 0)
<b>B/w -112dBm to -100dBm</b>	0 % (count : 0)
<b>&lt;= -113dBm</b>	100.0000 % (count : 658)
Total Geo samples	658

RSSI distribution chart per mobile operator for 21401\_vodafone ES



# RantCell User QoE test report



OperatorName	21403_Orange
Test phone Model/Models	Samsung SM-A226B
Report Generation Time	Mar 22, 2022 12:58:40 PM
Test StartTime	Mar 16, 2022 2:15:52 PM
Test EndTime	Mar 16, 2022 2:30:27 PM
Voice Call Test	Yes



## Voice call test report

Call test view of mobile operators for 21403\_Orange

### ORANGE SERVEI DE VEU, MAPA DE TRUCADES, LA GRANADELLA



Call test KPI statistics per mobile operator for 21403\_Orange

Operators	21403
Total Calls Success	18
Total Calls Attempted	19
Total Calls Failed	1
Dropped Calls	0
Aborted Calls	0
CallSetup Failed	1
No Network	0
Attempted Voice call on 2G	0
Attempted Voice call on 3G	16
Successful CSFB call to 3G	2
Not Determined(Voice CallType)	1

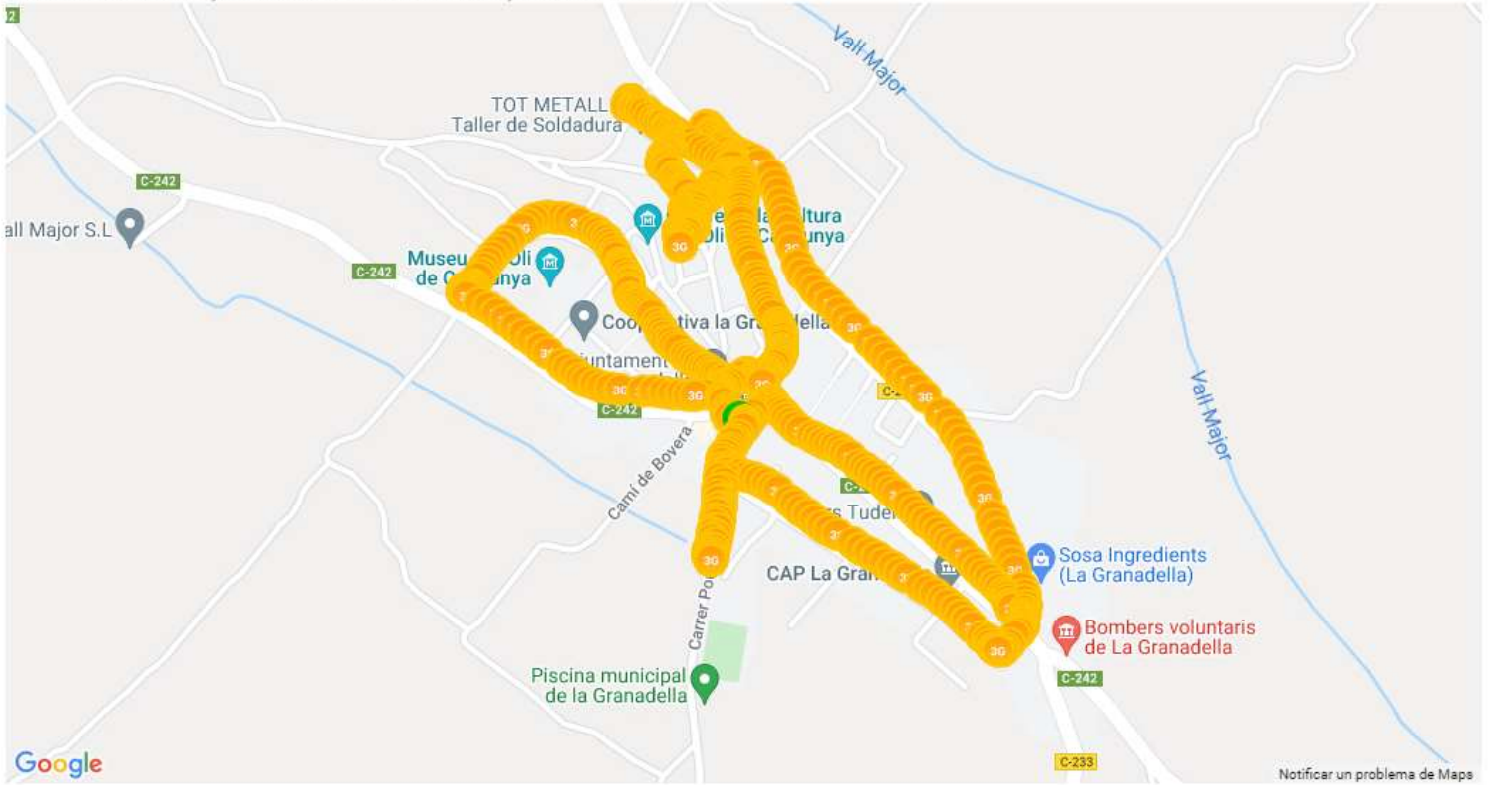
# User perceived mobile network coverage during tests



mobile network coverage during tests for operators 21403\_Orange



ORANGE SERVEI DE VEU, ACCÉS A XARXES DE L'OPERADOR, LA GRANADELLA



## RAN technology statistics per mobile network operator for 21403\_Orange

Network Type	21403
5G	0.0000%
4G	1.9380%
3G	98.0620%
2G	0.0000%
CDMA	0.0000%
NONNETWORK	0.0000%
Total Geo samples	774

## RAN technology distribution chart per mobile network operator for 21403\_Orange



## RSSI view



RSSI KPI statistics per mobile operator for operator 21403\_Orange

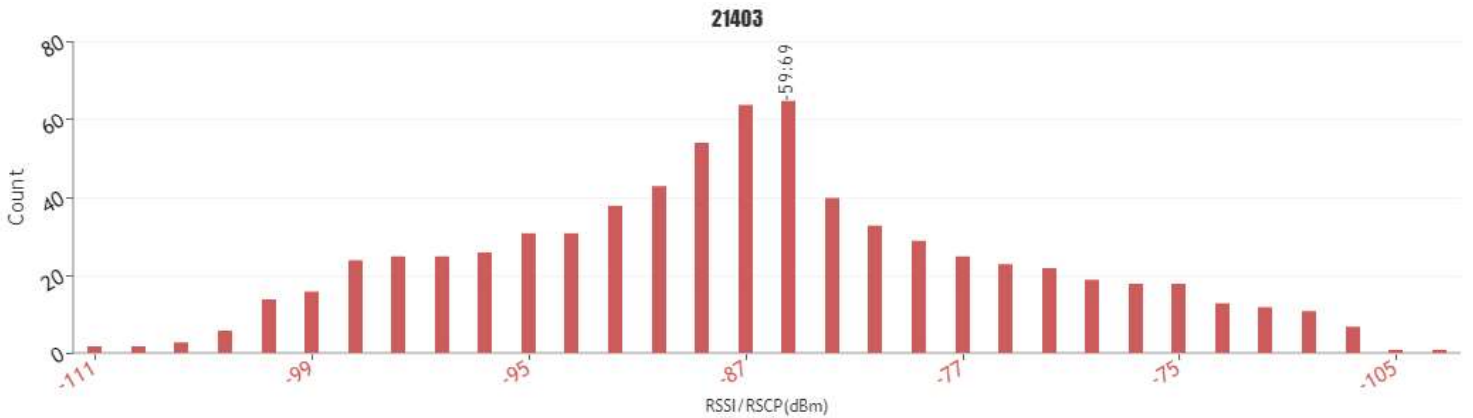
ORANGE SERVEI DE VEU, MAPA DE NIVELL DE SENYAL, LA GRANADELLA



RSSI KPI statistics per mobile operator for 21403\_Orange

Operators	21403
>= -89dBm	73.2886 % (count : 546)
B/w -99dBm to -90dBm	19.5973 % (count : 146)
B/w -112dBm to -100dBm	5.2349 % (count : 39)
<= -113dBm	1.8792 % (count : 14)
Total Geo samples	745

RSSI distribution chart per mobile operator for 21403\_Orange



# RantCell User QoE test report



OperatorName	21403_Orange
Test phone Model/Models	Samsung SM-A226B
Report Generation Time	Mar 22, 2022 1:02:23 PM
Test StartTime	Mar 16, 2022 2:16:48 PM
Test EndTime	Mar 16, 2022 2:30:28 PM
Download Speed Test	Yes

## Download speed test report

Download speed test view for 21403\_Orange



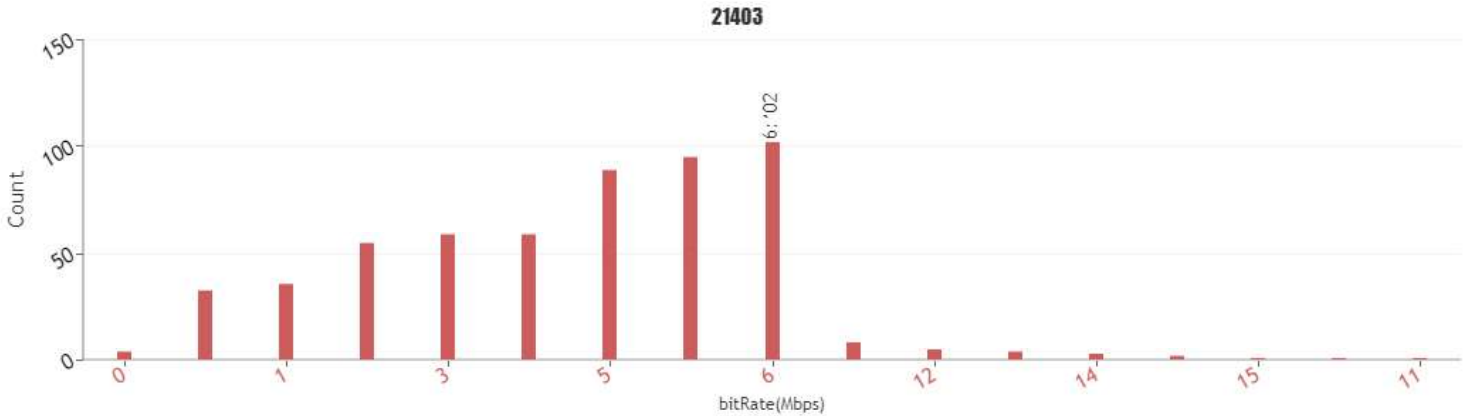
ORANGE SERVEI DE DADES, MAPA DE VELOCITATS DE DESCÀRREGA, LA GRANADELLA



Download test KPI statistics per mobile operator for 21403\_Orange

Operators	21403
above 1.2Mbps	95.5197 % (count : 533)
0.4Mbps - 1.2Mbps	3.7634 % (count : 21)
0Mbps - 0.4Mbps	0.7168 % (count : 4)
Average (mbps)	5.35
Peak Speed (mbps)	17.29
Lowest Recorded (mbps)	0
Total Geo samples	558

Download test distribution chart per mobile operators for 21403\_Orange



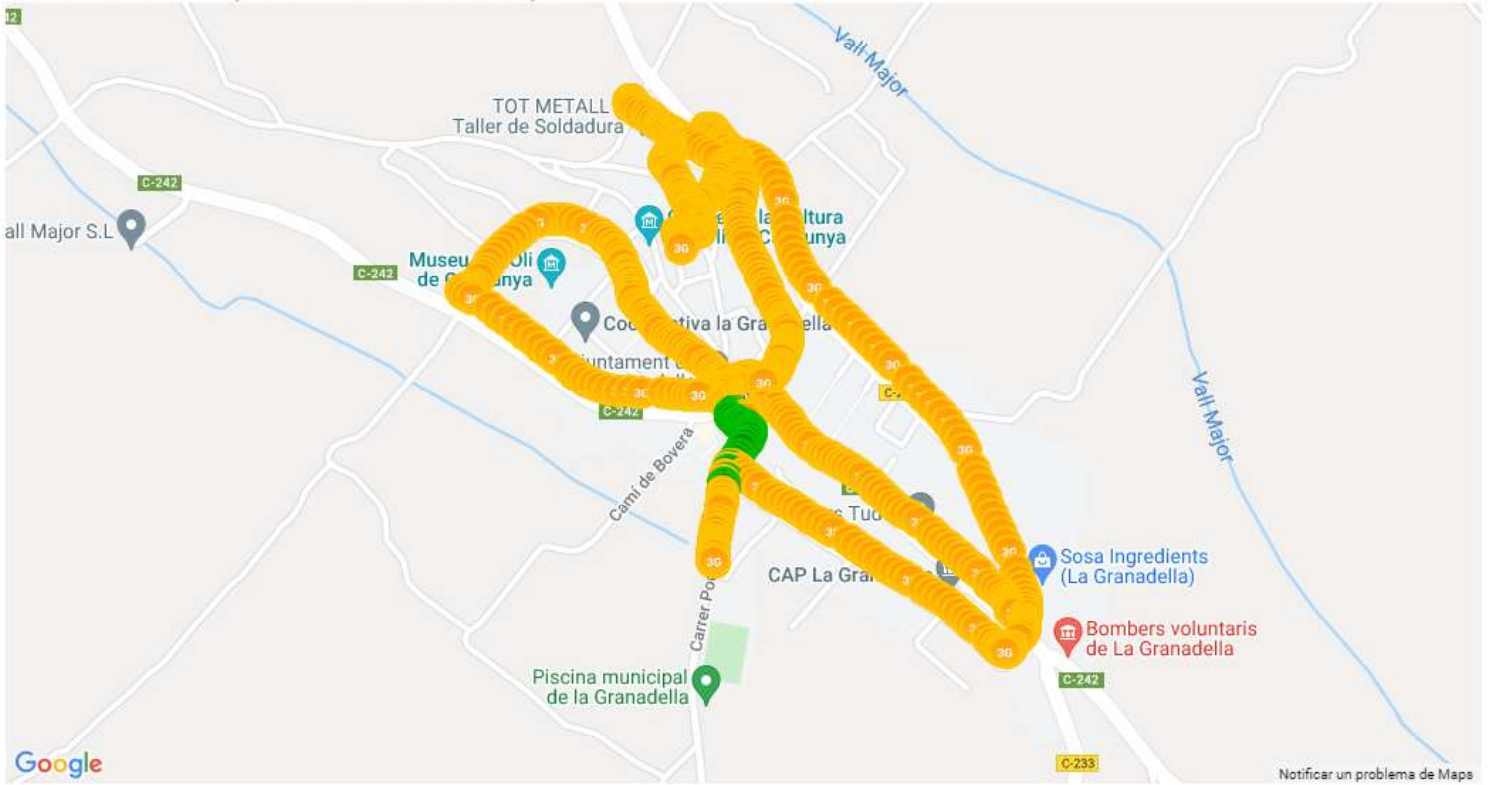
# User perceived mobile network coverage during tests



mobile network coverage during tests for operators 21403\_Orange



ORANGE SERVEI DE DADES, ACCÉS A XARXES DE L'OPERADOR, LA GRANADELLA



## RAN technology statistics per mobile network operator for 21403\_Orange

Network Type	21403
5G	0.0000%
4G	6.6852%
3G	93.3148%
2G	0.0000%
CDMA	0.0000%
NONNETWORK	0.0000%
Total Geo samples	718

## RAN technology distribution chart per mobile network operator for 21403\_Orange





# RSSI view



RSSI KPI statistics per mobile operator for operator 21403\_Orange

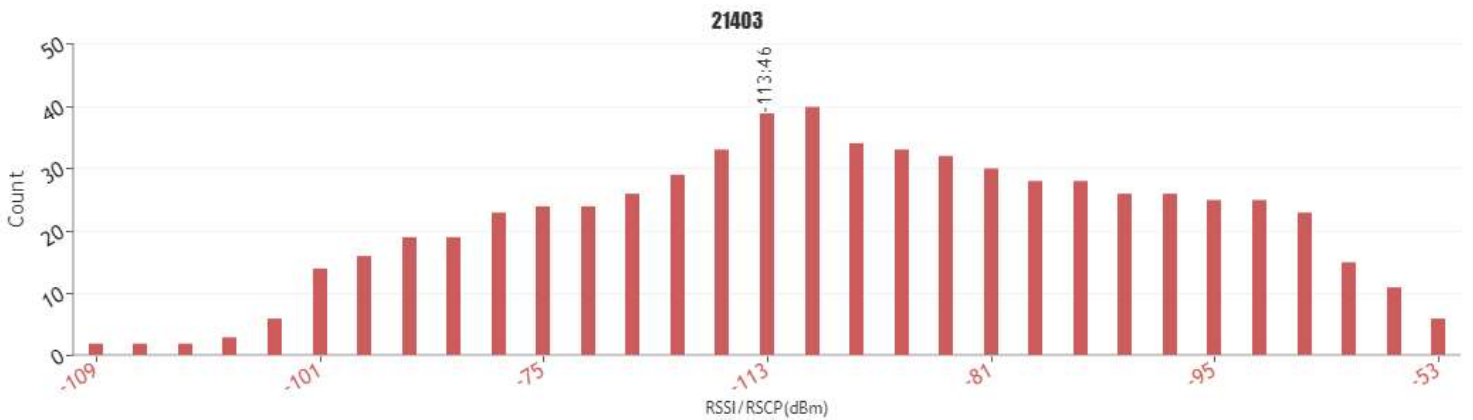
ORANGE SERVEI DE DADES, MAPA DE NIVELL DE SENYAL, LA GRANADELLA



RSSI KPI statistics per mobile operator for 21403\_Orange

Operators	21403
>= -89dBm	73.1343 % (count : 490)
B/w -99dBm to -90dBm	15.6716 % (count : 105)
B/w -112dBm to -100dBm	4.3284 % (count : 29)
<= -113dBm	6.8657 % (count : 46)
Total Geo samples	670

RSSI distribution chart per mobile operator for 21403\_Orange



## LA POBLA DE CÉRVOLES: RESUM MESURES

OPERADOR	SERVEI DE VEU	SERVEI DE DADES
MOVISTAR	CORRECTE (3G)	CORRECTE (4G)
VODAFONE	CORRECTE (3G)	CORRECTE 70% (3G)
ORANGE	DEFICIENT 30% (3G)	CORRECTE (4G)

Comentaris:

No es troben deficiències significatives de servei de veu o dades de Movistar. Orange té una cobertura de veu deficient al 70% del poble (segons percentatge de trucades fallades). Vodafone té una cobertura de dades deficient al 30% del poble (segons percentatge de velocitats inferiors a 1,2 Mbps).

Disposen de fibra de Adamo.

Servei de Movistar al polígon 10 parcel·la 114. Servei de Orange i Vodafone provinent de municipis propers.



☰ Pobra de Cérvoles

**TELEFONICA MOVILES ESPAÑA, S.A.U.**

Estación: 2500596

Dirección: ZN Polígono 10 Parcela 114. POBLA DE CÉRVOLES (LA), LLEIDA

Posición: 41.364706 lat / 0.920169 lng

Elevación: **Sólo PRO**

ID	BANDA	MODOS*
1	1805.10 - 1825.10	4G
1	852.00 - 862.00	4G
1	935.10 - 949.90	2G
1	935.10 - 949.90	2G



**VODAFONE ESPAÑA, S.A.**

Estación: 00552  
 Dirección: VP POLIGONO 7 PARCELA 363. ALBI (L), LLEIDA  
 Posición: 41.427186 lat / 0.944569 lng  
 Elevación: **Sólo PRO**

ID	BANDA	MODOS*
1	949.90 - 959.90	2G 3G
1	949.90 - 959.90	2G 3G

**VODAFONE ESPAÑA, S.A.**

Estación: 000552  
 Dirección: ZN POLIGONO 7 PARCELA 363. ALBI (L), LLEIDA  
 Posición: 41.427186 lat / 0.944569 lng  
 Elevación: **Sólo PRO**

ID	BANDA	MODOS*
1	1905.00 - 1910.00; 2140.00 - 2155.00	3G
1	2140.00 - 2155.00	4G
1	842.00 - 852.00	4G

**ORANGE ESPAGNE, S.A.U.**

Estación: CATR5361A  
 Dirección: ZN Polígono 7 Parcela 363. ALBI (L), LLEIDA  
 Posición: 41.427186 lat / 0.944569 lng  
 Elevación: **Sólo PRO**

ID	BANDA	MODOS*
1	1900.00 - 1905.00; 2125.00 - 2140.00	3G
1	832.00 - 842.00	4G
1	925.10 - 935.10	2G 3G
1	925.10 - 935.10	2G 3G

**ORANGE ESPAGNE, S.A.U.**

Estación: CATR7860A  
 Dirección: VP POLÍGONO 1 PARCELA 42, S/N. VILANOVA DE PRADES, TARRAGONA  
 Posición: 41.352178 lat / 0.954658 lng  
 Elevación: **Sólo PRO**

ID	BANDA	MODOS*
1	832.00 - 842.00	4G
1	925.10 - 935.10	2G 3G
1	925.10 - 935.10	2G 3G

# RantCell User QoE test report



OperatorName	21407_Movistar
Test phone Model/Models	Samsung SM-A226B
Report Generation Time	Mar 29, 2022 8:42:40 AM
Test StartTime	Mar 28, 2022 11:12:43 AM
Test EndTime	Mar 28, 2022 11:21:36 AM
Voice Call Test	Yes

## Voice call test report

Call test view of mobile operators for 21407\_Movistar

### MOVISTAR SERVEI DE VEU, MAPA DE TRUCADES, LA POBLA DE CÉRVOLES



Call test KPI statistics per mobile operator for 21407\_Movistar

Operators	21407
Total Calls Success	11
Total Calls Attempted	12
Total Calls Failed	1
Dropped Calls	1
Aborted Calls	0
CallSetup Failed	0
No Network <a href="#">?</a>	0
Attempted Voice call on 2G <a href="#">?</a>	0
Attempted Voice call on 3G <a href="#">?</a>	5
Successful CSFB call to 3G <a href="#">?</a>	6

## User perceived mobile network coverage during tests



mobile network coverage during tests for operators 21407\_Movistar



MOVISTAR SERVEI DE VEU, ACCÉS A XARXES DE L'OPERADOR, LA POBLA DE CÉRVOLES



RAN technology statistics per mobile network operator for 21407\_Movistar

Network Type	21407
5G	0.0000%
4G	14.5652%
3G	85.4348%
2G	0.0000%
CDMA	0.0000%
NONNETWORK	0.0000%
Total Geo samples	460

RAN technology distribution chart per mobile network operator for 21407\_Movistar





## RSSI view



RSSI KPI statistics per mobile operator for operator 21407\_Movistar

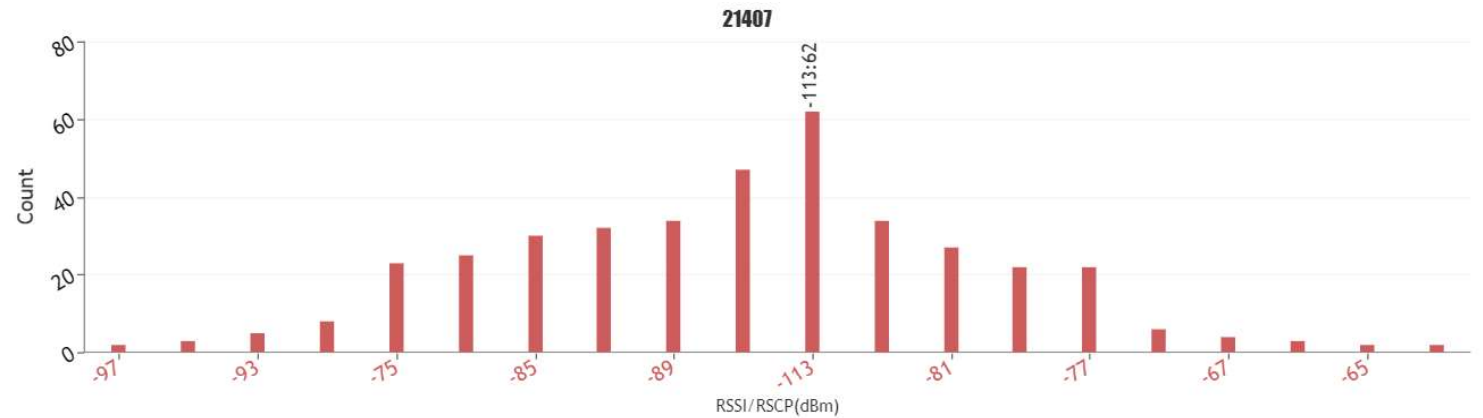
### MOVISTAR SERVEI DE VEU, MAPA DE NIVELL DE SENYAL, LA POBLA DE CÉRVOLES



RSSI KPI statistics per mobile operator for 21407\_Movistar

Operators	21407
<b>&gt;= -89dBm</b>	73.2824 % (count: 288)
<b>B/w -99dBm to -90dBm</b>	10.9415 % (count: 43)
<b>B/w -112dBm to -100dBm</b>	0 % (count: 0)
<b>&lt;= -113dBm</b>	15.7761 % (count: 62)
Total Geo samples	393

RSSI distribution chart per mobile operator for 21407\_Movistar



# RantCell User QoE test report



OperatorName	21407_Movistar
Test phone Model/Models	Samsung SM-A226B
Report Generation Time	Mar 29, 2022 8:49:18 AM
Test StartTime	Mar 28, 2022 9:49:27 AM
Test EndTime	Mar 28, 2022 10:08:25 AM
Download Speed Test	Yes

## Download speed test report

Download speed test view for 21407\_Movistar



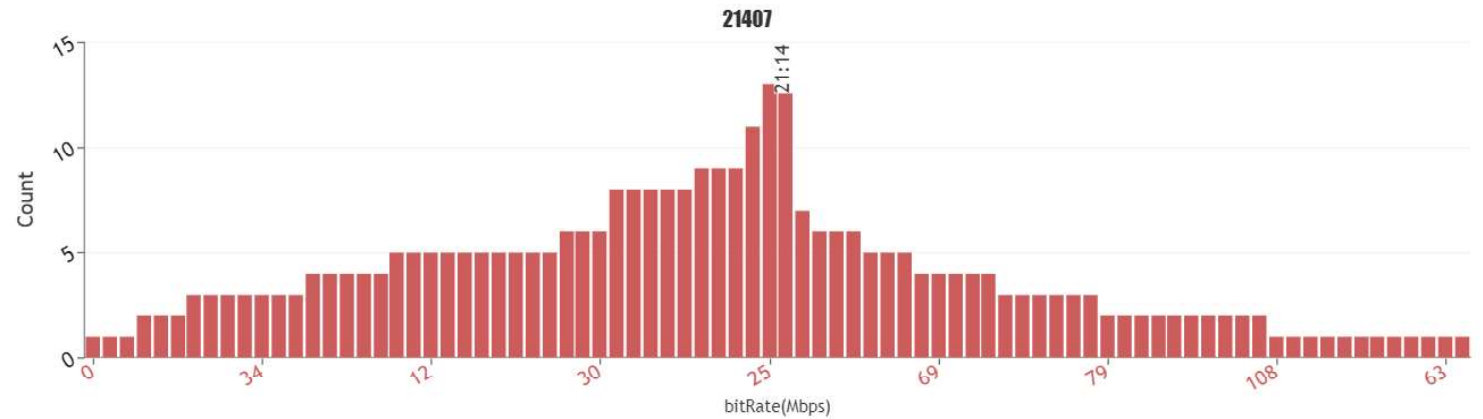
### MOVISTAR SERVEI DE DADES, MAPA DE VELOCITATS DE DESCÀRREGA, LA POBLA DE CÉRVOLES



### Download test KPI statistics per mobile operator for 21407\_Movistar

Operators	21407
above 1.2Mbps	99.6997 % (count : 332)
0.4Mbps - 1.2Mbps	0 % (count : 0)
0Mbps - 0.4Mbps	0.3003 % (count : 1)
Average (mbps)	38.20
Peak Speed (mbps)	107.75
Lowest Recorded (mbps)	0
Total Geo samples	333

### Download test distribution chart per mobile operators for 21407\_Movistar



# User perceived mobile network coverage during tests



mobile network coverage during tests for operators 21407\_Movistar



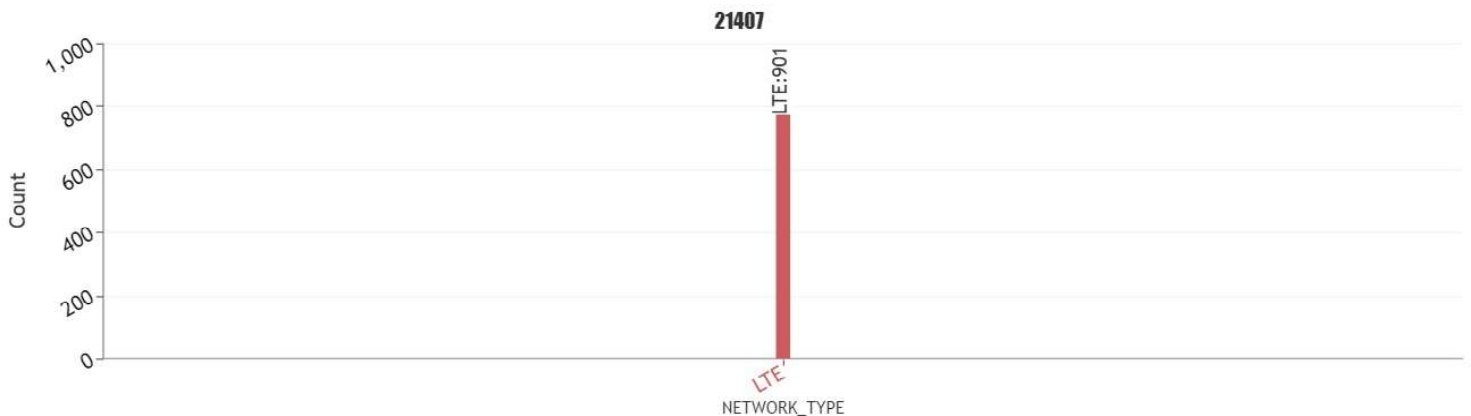
MOVISTAR SERVEI DE DADES, ACCÉS A XARXES DE L'OPERADOR, LA POBLA DE CÉRVOLES



RAN technology statistics per mobile network operator for 21407\_Movistar

Network Type	21407
5G	0.0000%
4G	100.0000%
3G	0.0000%
2G	0.0000%
CDMA	0.0000%
NONETWORK	0.0000%
Total Geo samples	901

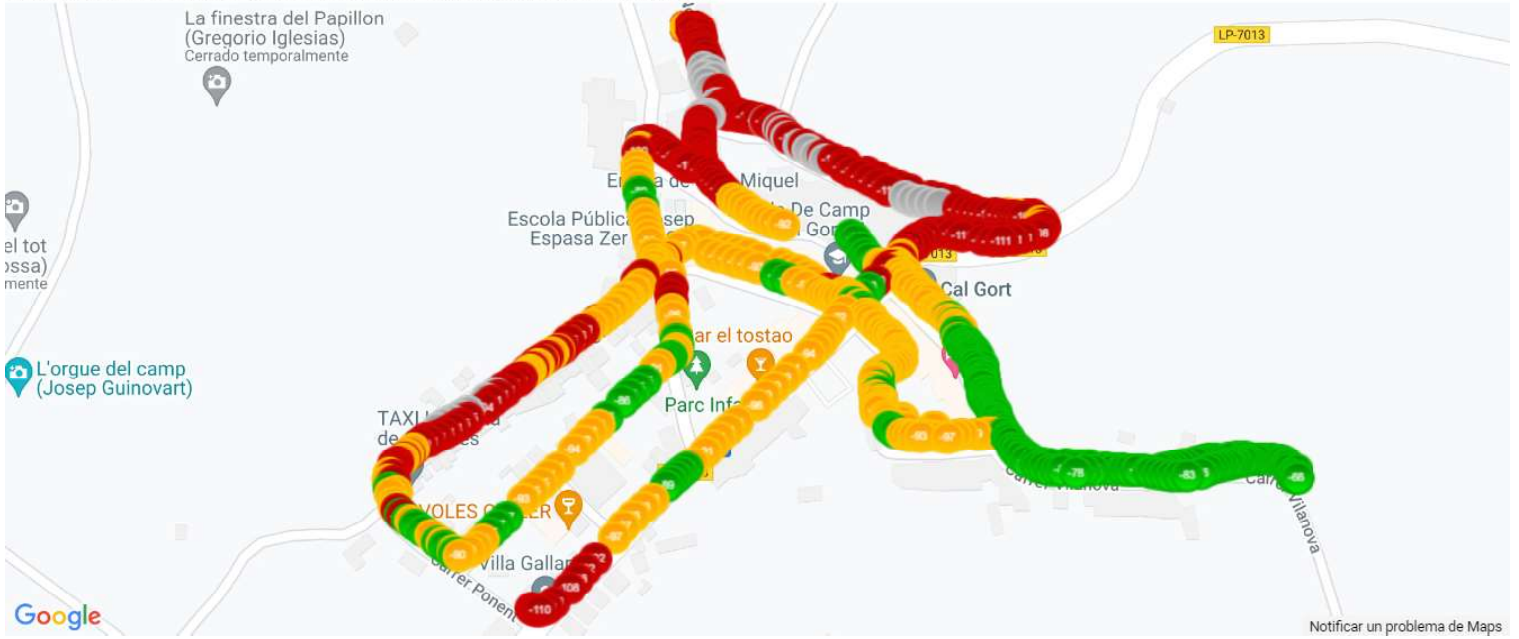
RAN technology distribution chart per mobile network operator for 21407\_Movistar



## RSRP view

RSRP KPI statistics per mobile operator for operator 21407\_Movistar

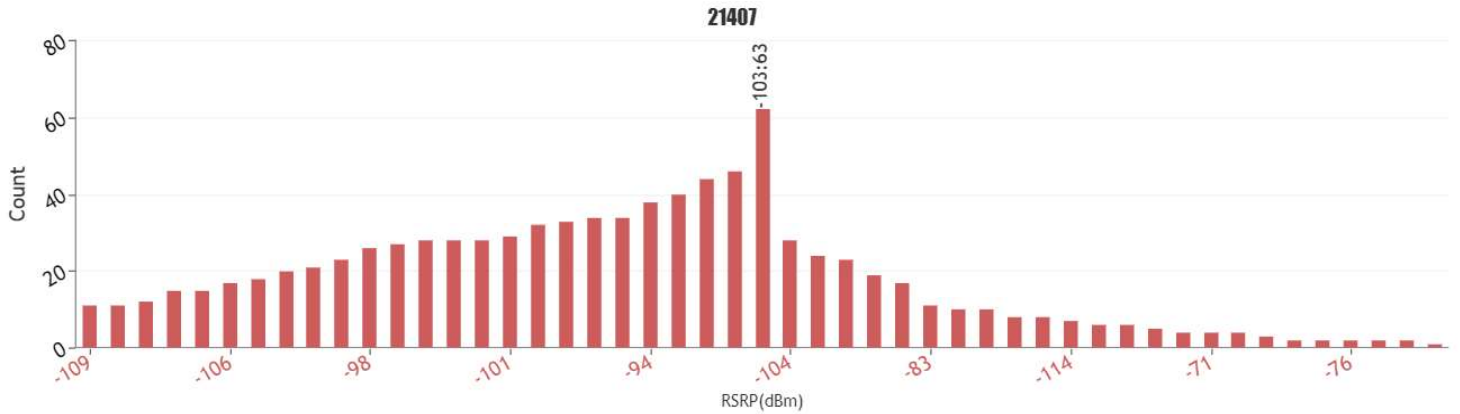
MOVISTAR SERVEI DE DADES, MAPA DE NIVELL DE SENYAL, LA POBLA DE CÉRVOLES



RSRP KPI statistics per mobile operator for 21407\_Movistar

Operators	21407
>= to -89dBm	23.6404 % (count : 213)
B/w -99dBm to -90dBm	38.1798 % (count : 344)
B/w -112dBm to -100dBm	34.0733 % (count : 307)
<= -113dBm	4.1065 % (count : 37)
Total Geo samples	901

RSRP distribution chart per mobile operator for 21407\_Movistar



# RantCell User QoE test report



OperatorName	21401_vodafone ES
Test phone Model/Models	Samsung SM-A226B
Report Generation Time	Mar 29, 2022 9:52:10 AM
Test StartTime	Mar 28, 2022 11:12:21 AM
Test EndTime	Mar 28, 2022 11:21:58 AM
Voice Call Test	Yes



# Voice call test report

Call test view of mobile operators for 21401\_vodafone ES



## VODAFONE SERVEI DE VEU, MAPA DE TRUCADES, LA POBLA DE CÉRVOLES



## Call test KPI statistics per mobile operator for 21401\_vodafone ES

Operators	21401
Total Calls Success	10
Total Calls Attempted	11
Total Calls Failed	1
Dropped Calls	1
Aborted Calls	0
CallSetup Failed	0
No Network <a href="#">?</a>	0
Attempted Voice call on 2G <a href="#">?</a>	0
Attempted Voice call on 3G <a href="#">?</a>	9
SRVCC call to 3G <a href="#">?</a>	1

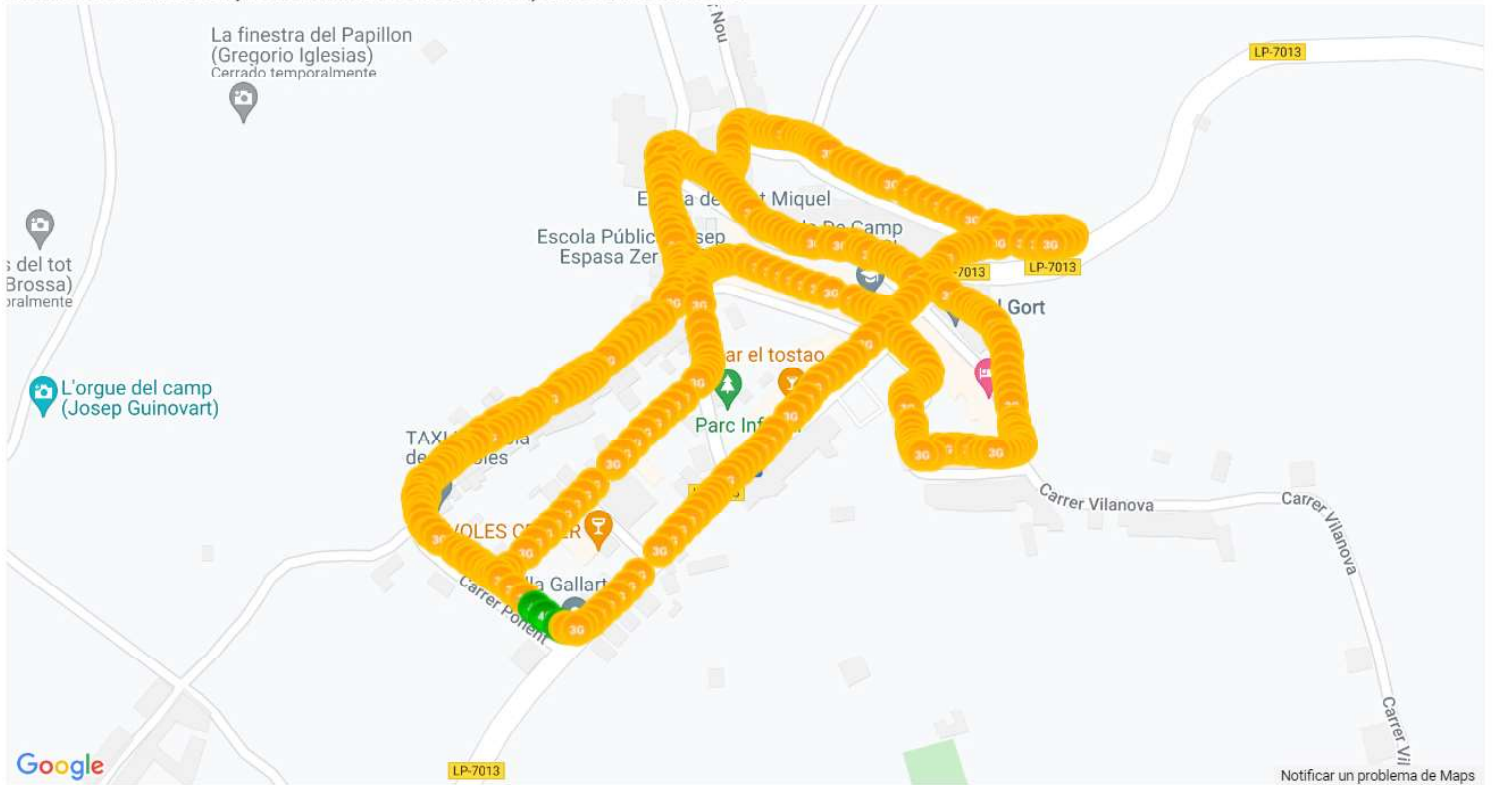
## User perceived mobile network coverage during tests



mobile network coverage during tests for operators 21401\_vodafone ES



### VODAFONE SERVEI DE VEU, ACCÉS A XARXES DE L'OPERADOR, LA POBLA DE CÉRVOLES



### RAN technology statistics per mobile network operator for 21401\_vodafone ES

Network Type	21401
5G	0.0000%
4G	1.0373%
3G	98.9627%
2G	0.0000%
CDMA	0.0000%
NONNETWORK	0.0000%
Total Geo samples	482

### RAN technology distribution chart per mobile network operator for 21401\_vodafone ES

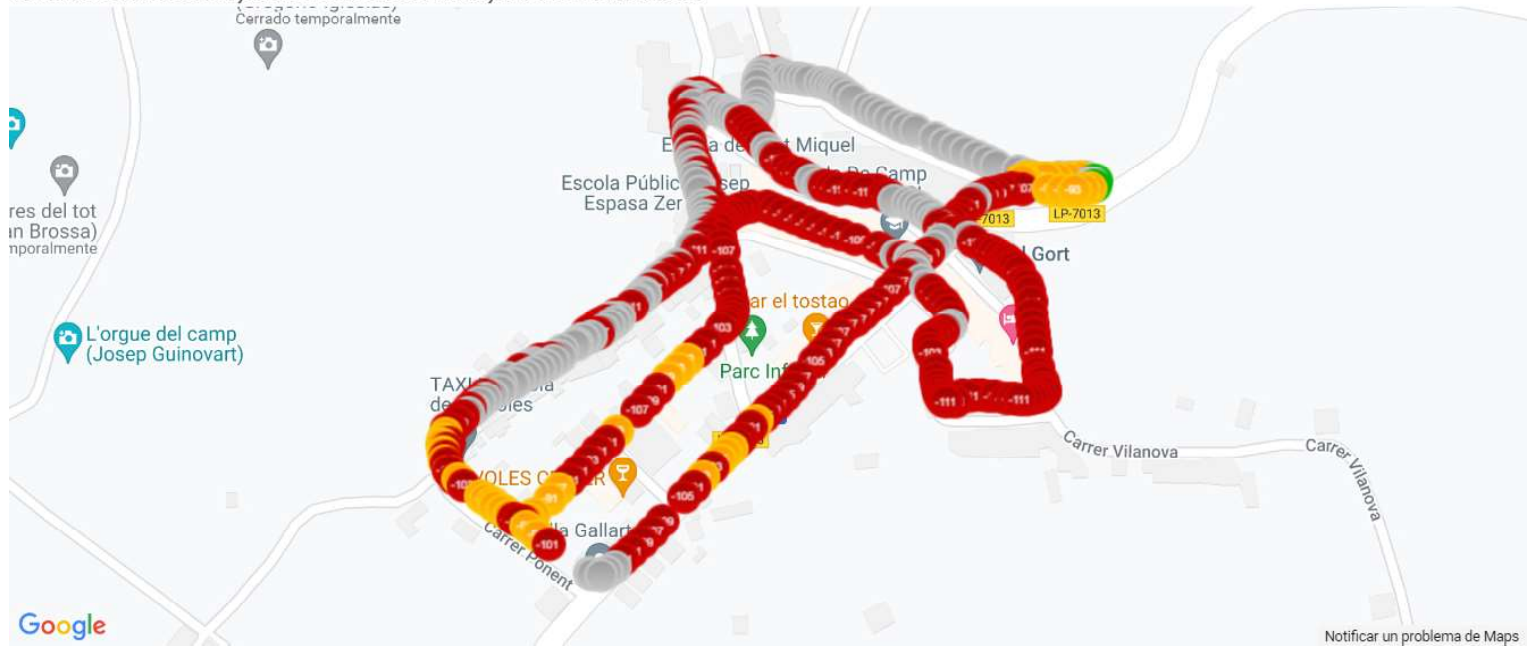


## RSSI view



RSSI KPI statistics per mobile operator for operator 21401\_vodafone ES

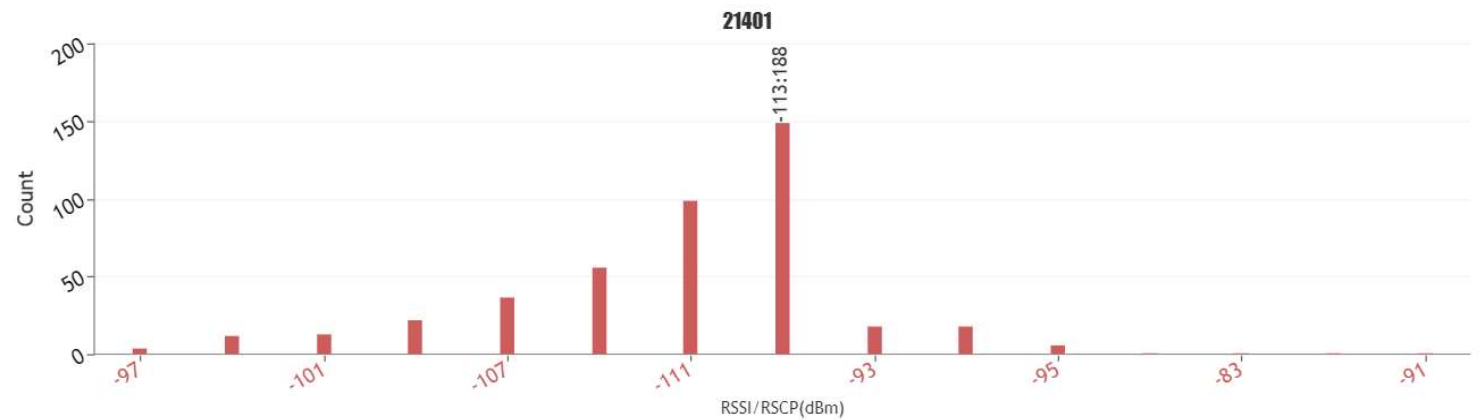
### VODAFONE SERVEI DE VEU, MAPA DE NIVELL DE SENYAL, LA POBLA DE CÉRVOLES



RSSI KPI statistics per mobile operator for 21401\_vodafone ES

Operators	21401
<b>&gt;= -89dBm</b>	0.6289 % (count : 3)
<b>B/w -99dBm to -90dBm</b>	10.6918 % (count : 51)
<b>B/w -112dBm to -100dBm</b>	49.2662 % (count : 235)
<b>&lt;= -113dBm</b>	39.4130 % (count : 188)
Total Geo samples	477

RSSI distribution chart per mobile operator for 21401\_vodafone ES



# RantCell User QoE test report



OperatorName	21401_vodafone ES
Test phone Model/Models	Samsung SM-A226B
Report Generation Time	Mar 29, 2022 9:56:34 AM
Test StartTime	Mar 28, 2022 9:49:43 AM
Test EndTime	Mar 28, 2022 10:08:52 AM
Download Speed Test	Yes

## Download speed test report

Download speed test view for 21401\_vodafone ES



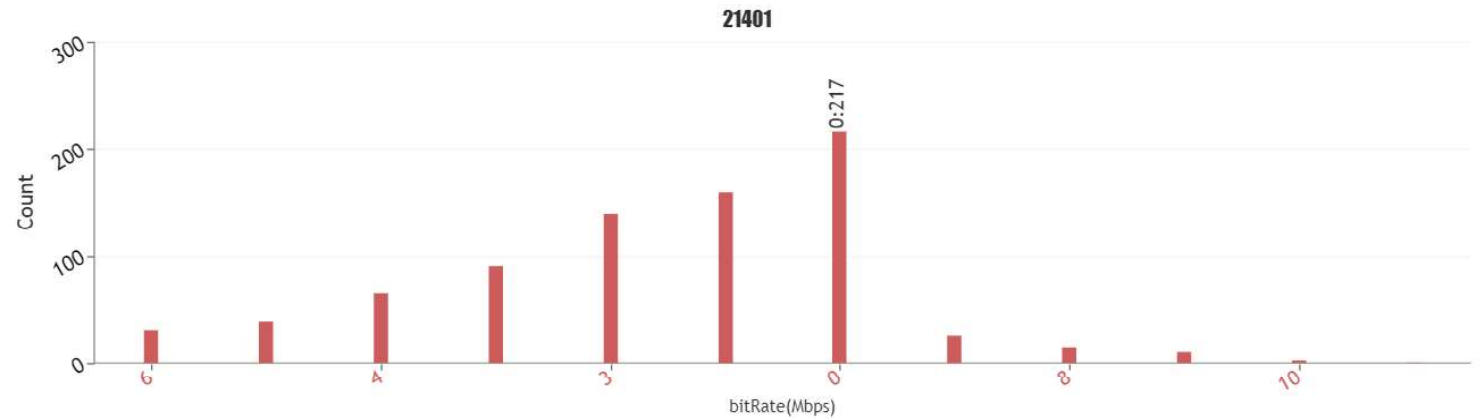
### VODAFONE SERVEI DE DADES, MAPA DE VELOCITATS DE DESCÀRREGA, LA POBLA DE CÉRVOLES



### Download test KPI statistics per mobile operator for 21401\_vodafone ES

Operators	21401
above 1.2Mbps	66.7500 % (count : 534)
0.4Mbps - 1.2Mbps	6.7500 % (count : 54)
0Mbps - 0.4Mbps	26.5000 % (count : 212)
Average (mbps)	2.40
Peak Speed (mbps)	10.56
Lowest Recorded (mbps)	0
Total Geo samples	800

### Download test distribution chart per mobile operators for 21401\_vodafone ES



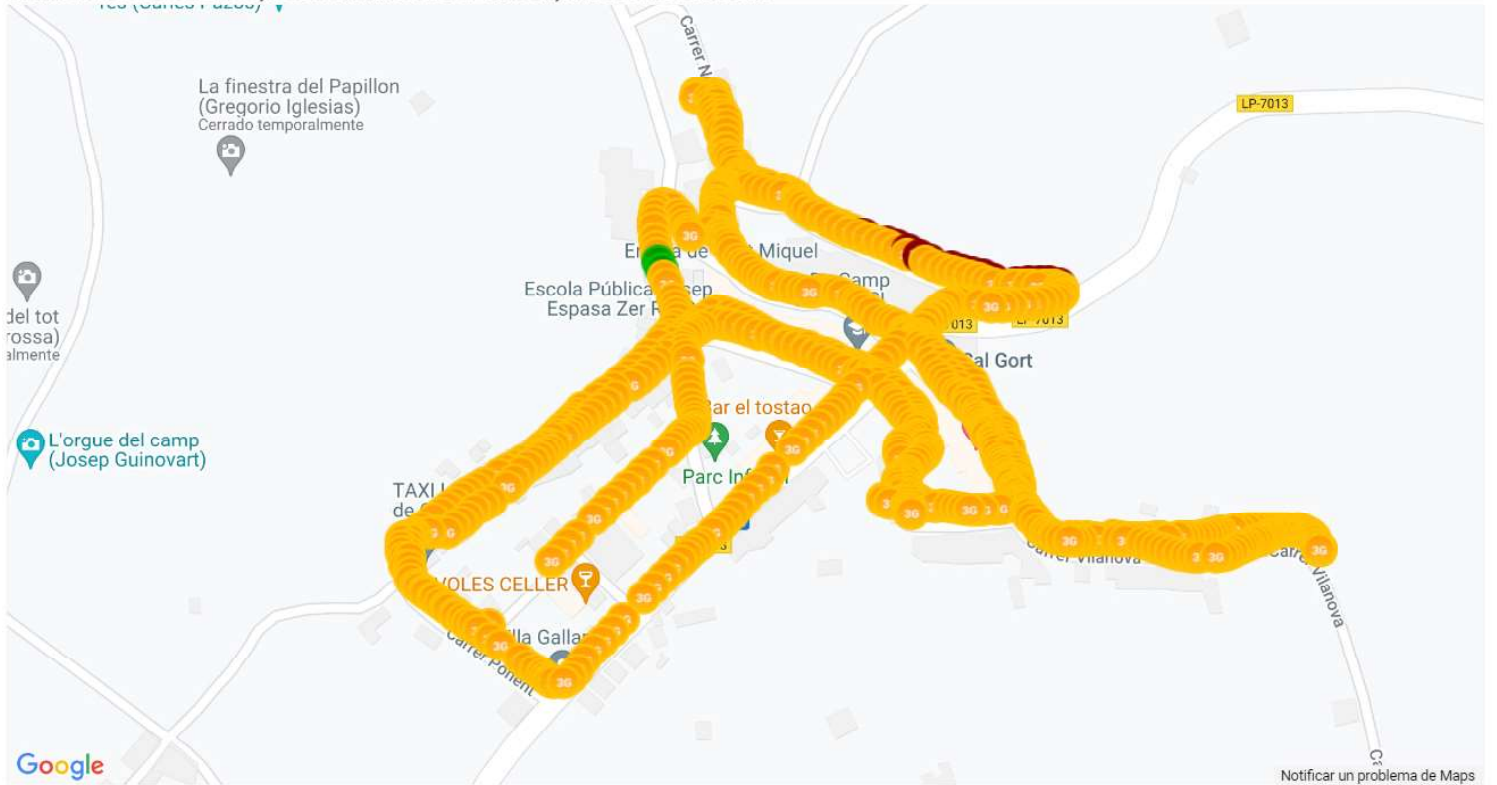
## User perceived mobile network coverage during tests



mobile network coverage during tests for operators 21401\_vodafone ES



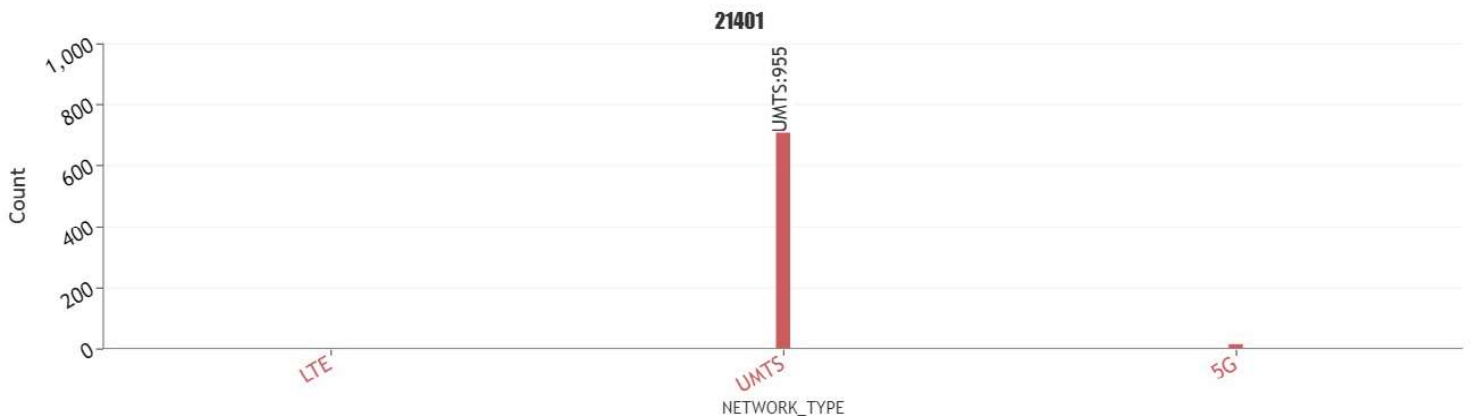
VODAFONE SERVEI DE DADES, ACCÉS A XARXES DE L'OPERADOR, LA POBLA DE CÉRVOLES



RAN technology statistics per mobile network operator for 21401\_vodafone ES

Network Type	21401
5G	1.6444%
4G	0.2055%
3G	98.1501%
2G	0.0000%
CDMA	0.0000%
NONNETWORK	0.0000%
Total Geo samples	973

RAN technology distribution chart per mobile network operator for 21401\_vodafone ES





## RSSI view



RSSI KPI statistics per mobile operator for operator 21401\_vodafone ES

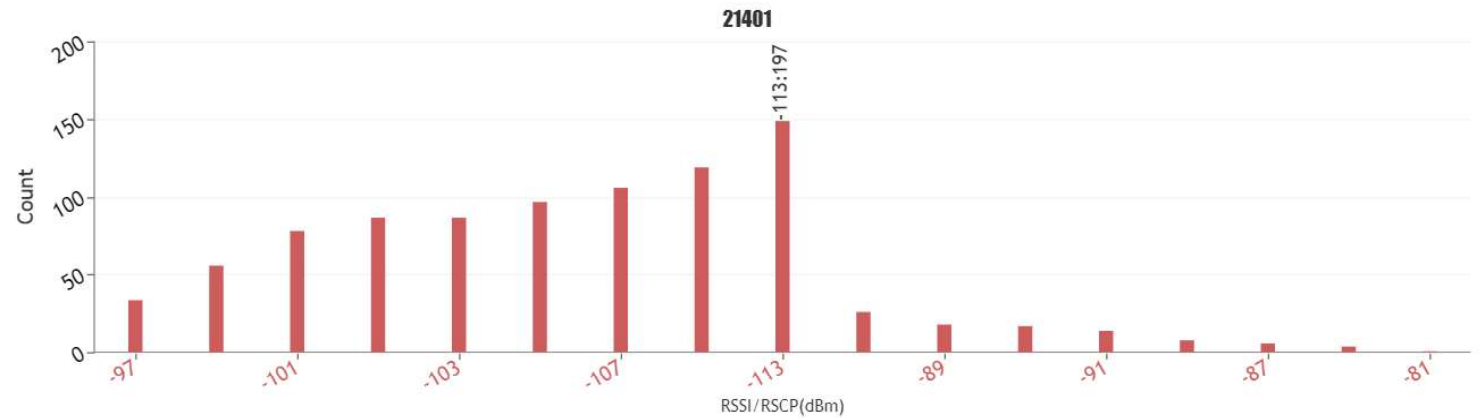
### VODAFONE SERVEI DE DADES, MAPA DE NIVELL DE SENYAL, LA POBLA DE CÉRVOLES



RSSI KPI statistics per mobile operator for 21401\_vodafone ES

Operators	21401
>= -89dBm	3.8743 % (count : 37)
B/w -99dBm to -90dBm	15.3927 % (count : 147)
B/w -112dBm to -100dBm	60.1047 % (count : 574)
<= -113dBm	20.6283 % (count : 197)
Total Geo samples	955

RSSI distribution chart per mobile operator for 21401\_vodafone ES



# RantCell User QoE test report



OperatorName	21403_Orange
Test phone Model/Models	Samsung SM-A226B
Report Generation Time	Mar 29, 2022 8:53:55 AM
Test StartTime	Mar 28, 2022 11:12:32 AM
Test EndTime	Mar 28, 2022 11:21:43 AM
Voice Call Test	Yes

## Voice call test report

Call test view of mobile operators for 21403\_Orange

### ORANGE SERVEI DE VEU, MAPA DE TRUCADES, LA POBLA DE CÉRVOLES



Call test KPI statistics per mobile operator for 21403\_Orange

Operators	21403
Total Calls Success	5
Total Calls Attempted	13
Total Calls Failed	8
Dropped Calls	2
Aborted Calls	0
CallSetup Failed	6
No Network <a href="#">?</a>	0
Attempted Voice call on 2G <a href="#">?</a>	1
Attempted Voice call on 3G <a href="#">?</a>	0
Attempted Voice call on 4G (VoLTE) <a href="#">?</a>	2
Successful CSFB call to 3G <a href="#">?</a>	6
SRVCC call to 3G <a href="#">?</a>	1
CSFB call to 3G Failed <a href="#">?</a>	2
Not Determined(Voice CallType) <a href="#">?</a>	1

# User perceived mobile network coverage during tests



mobile network coverage during tests for operators 21403\_Orange

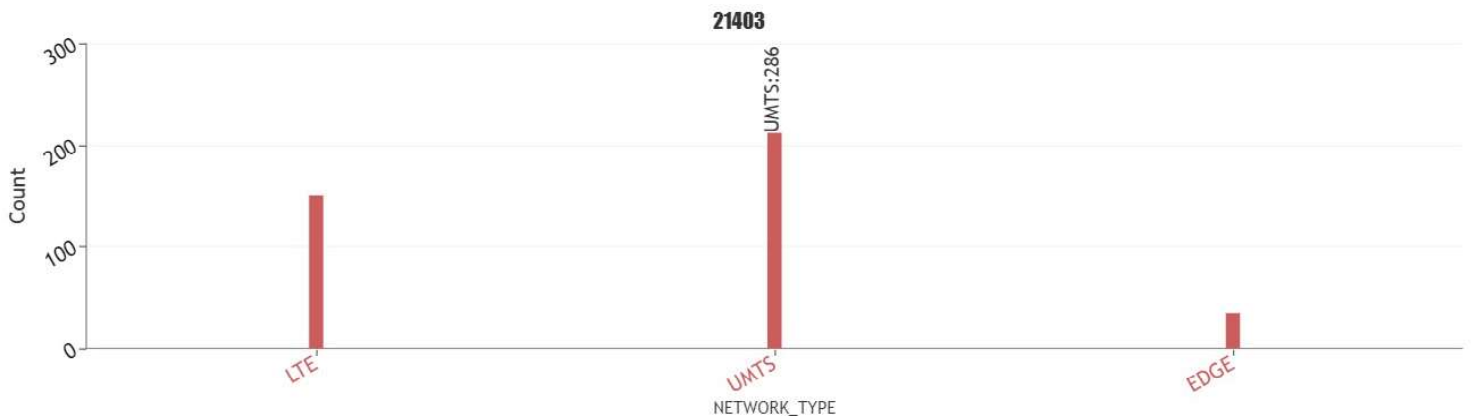
ORANGE SERVEI DE VEU, ACCÉS A XARXES DE L'OPERADOR, LA POBLA DE CÉRVOLES



## RAN technology statistics per mobile network operator for 21403\_Orange

Network Type	21403
5G	0.0000%
4G	31.9915%
3G	60.5932%
2G	7.4153%
CDMA	0.0000%
NONNETWORK	0.0000%
Total Geo samples	472

## RAN technology distribution chart per mobile network operator for 21403\_Orange

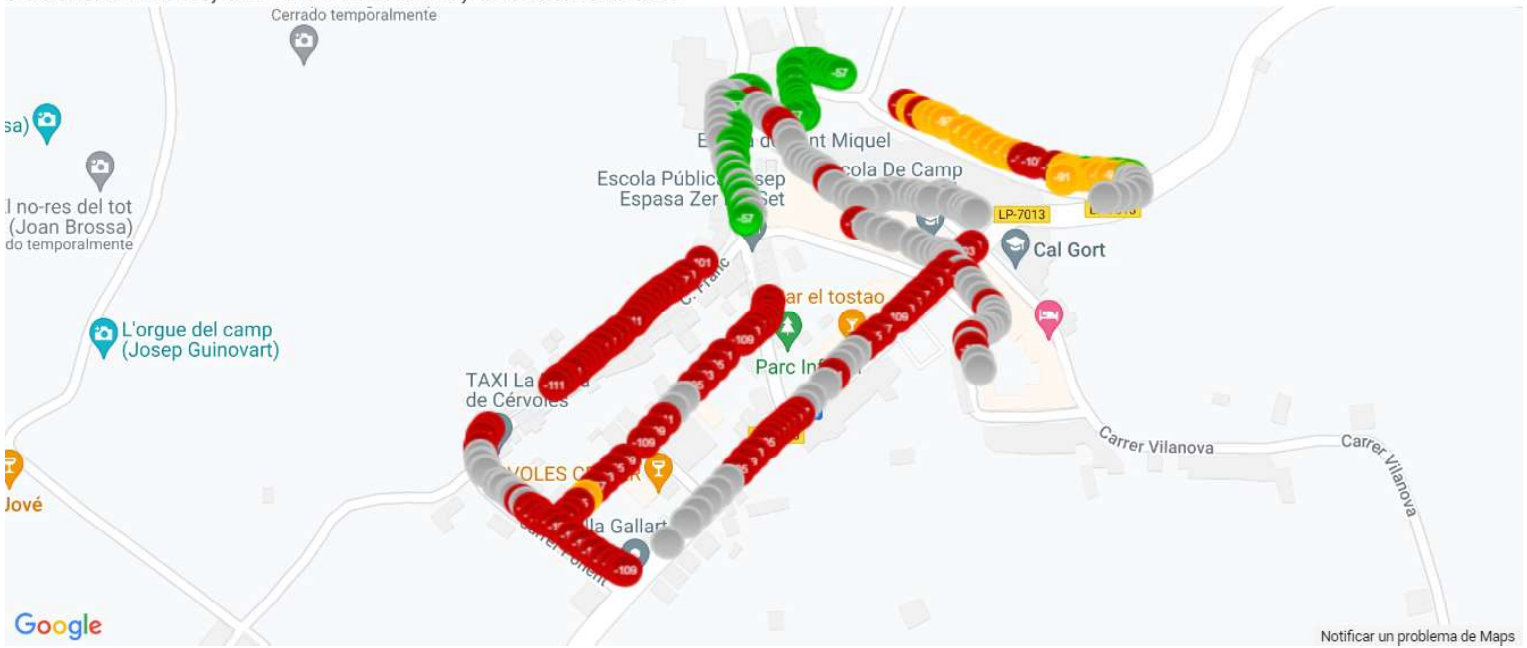


## RSSI view



RSSI KPI statistics per mobile operator for operator 21403\_Orange

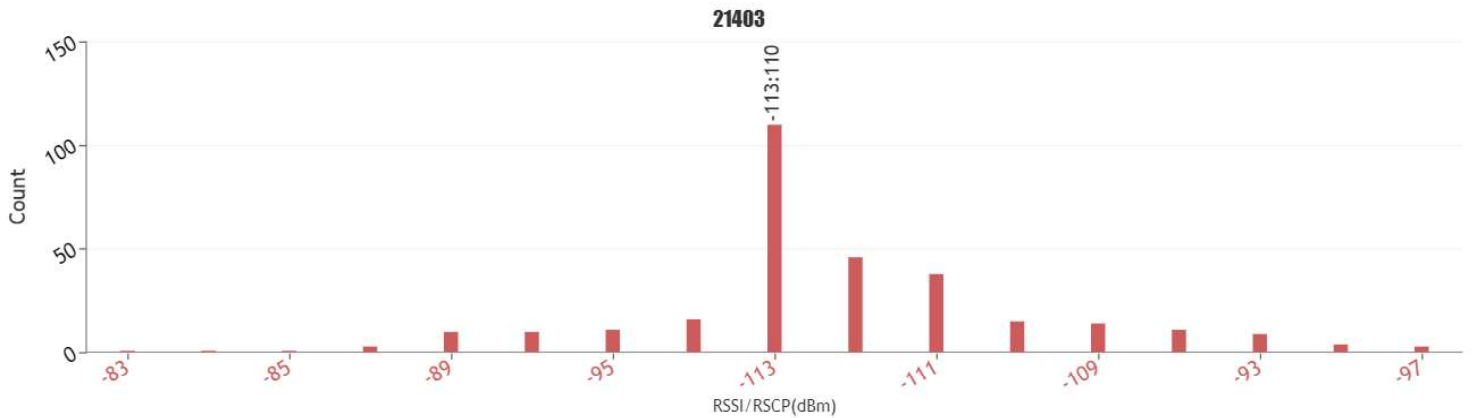
### ORANGE SERVEI DE VEU, MAPA DE NIVELL DE SENYAL, LA POBLA DE CÉRVOLES



RSSI KPI statistics per mobile operator for 21403\_Orange

Operators	21403
<b>&gt;= -89dBm</b>	19.4719 % (count : 59)
<b>B/w -99dBm to -90dBm</b>	9.9010 % (count : 30)
<b>B/w -112dBm to -100dBm</b>	34.3234 % (count : 104)
<b>&lt;= -113dBm</b>	36.3036 % (count : 110)
Total Geo samples	303

RSSI distribution chart per mobile operator for 21403\_Orange



# RantCell User QoE test report



OperatorName	21403_Orange
Test phone Model/Models	Samsung SM-A226B
Report Generation Time	Mar 29, 2022 8:57:39 AM
Test StartTime	Mar 28, 2022 9:49:58 AM
Test EndTime	Mar 28, 2022 10:08:43 AM
Download Speed Test	Yes

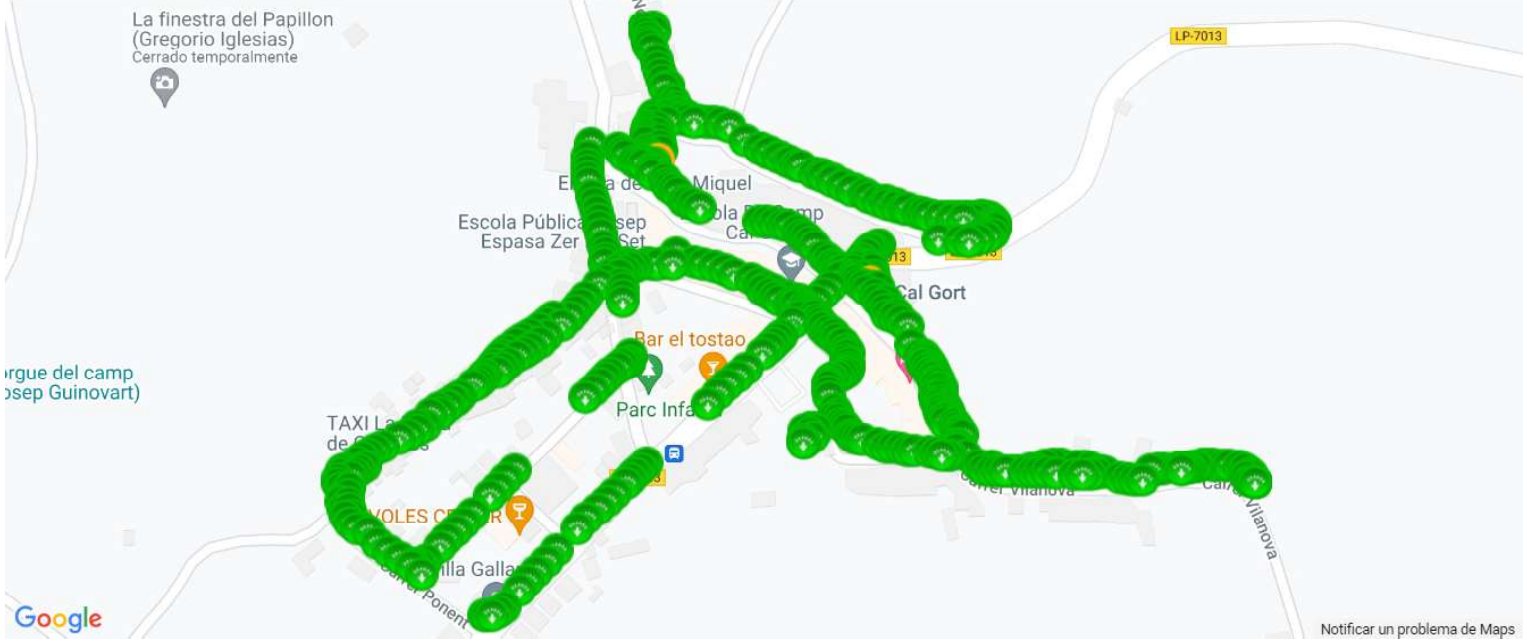


## Download speed test report

Download speed test view for 21403\_Orange



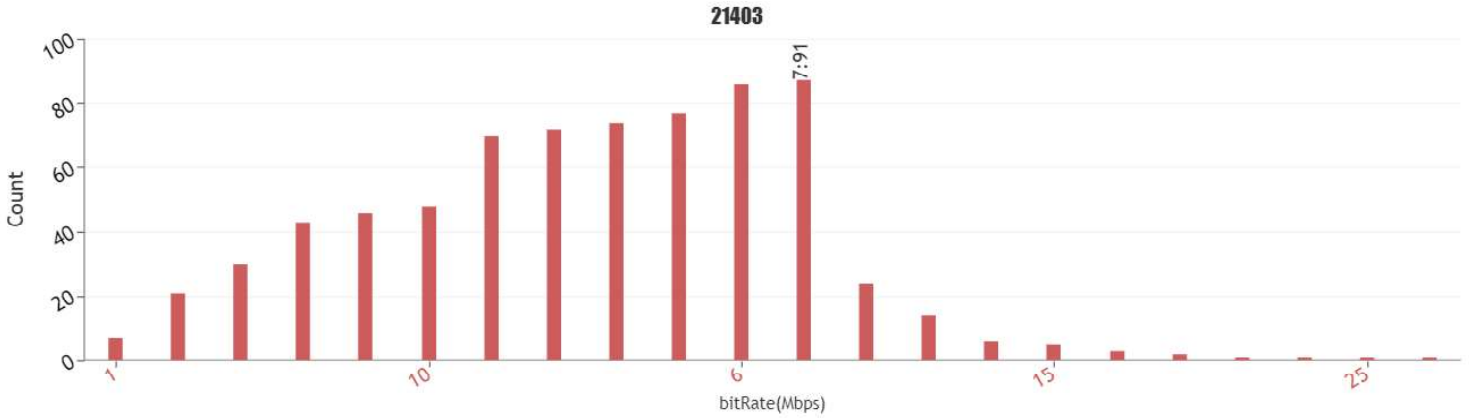
### ORANGE SERVEI DE DADES, MAPA DE VELOCITATS DE DESCÀRREGA, LA POBLA DE CÉRVOLES



### Download test KPI statistics per mobile operator for 21403\_Orange

Operators	21403
above 1.2Mbps	99.7234 % (count : 721)
0.4Mbps - 1.2Mbps	0.2766 % (count : 2)
0Mbps - 0.4Mbps	0 % (count : 0)
Average (mbps)	7.52
Peak Speed (mbps)	28.7
Lowest Recorded (mbps)	0.84
Total Geo samples	723

### Download test distribution chart per mobile operators for 21403\_Orange



# User perceived mobile network coverage during tests



mobile network coverage during tests for operators 21403\_Orange



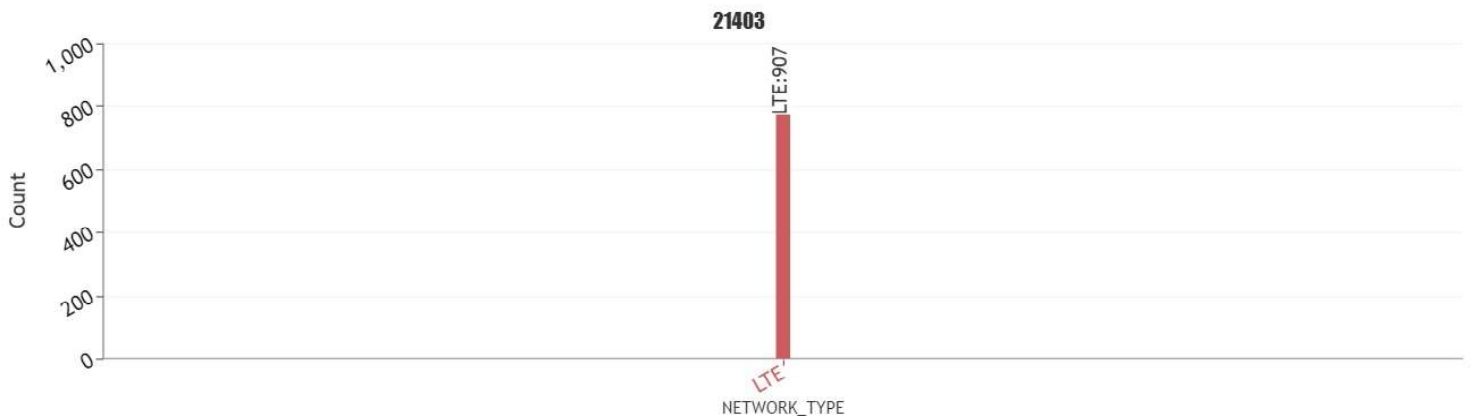
ORANGE SERVEI DE DADES, ACCÉS A XARXES DE L'OPERADOR, LA POBLA DE CÉRVOLES



## RAN technology statistics per mobile network operator for 21403\_Orange

Network Type	21403
5G	0.0000%
4G	100.0000%
3G	0.0000%
2G	0.0000%
CDMA	0.0000%
NONETWORK	0.0000%
Total Geo samples	907

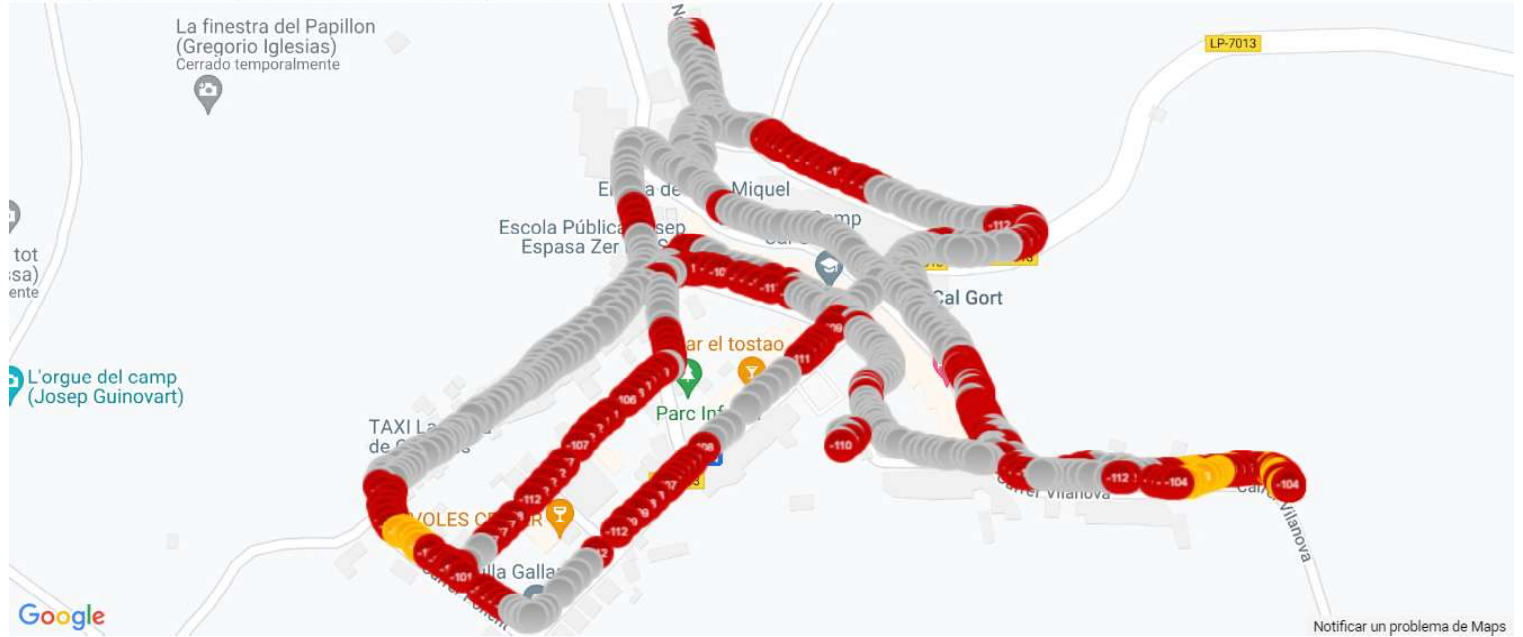
## RAN technology distribution chart per mobile network operator for 21403\_Orange



## RSRP view

RSRP KPI statistics per mobile operator for operator 21403\_Orange

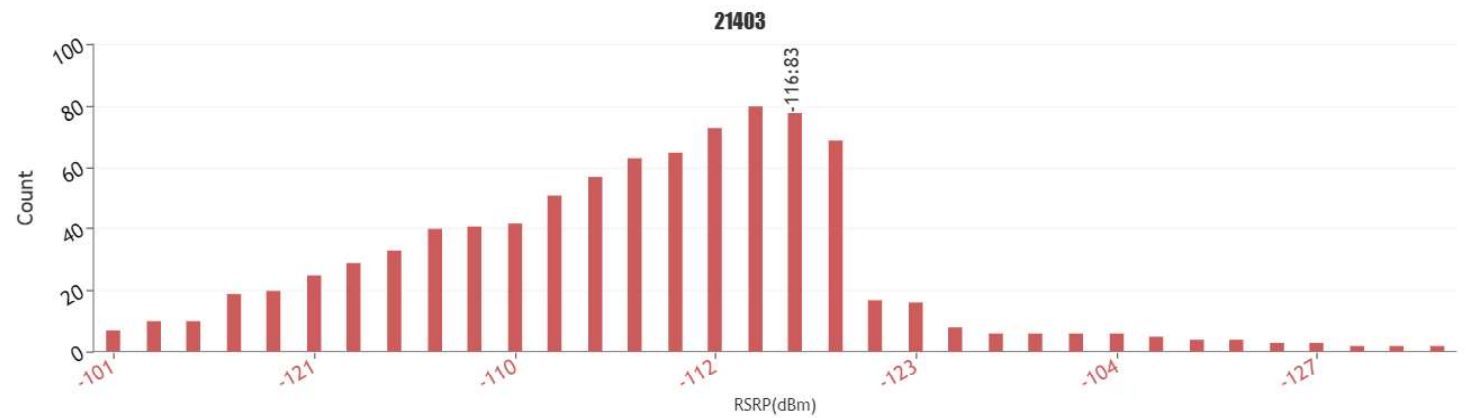
### ORANGE SERVEI DE DADES, MAPA DE NIVELL DE SENYAL, LA POBLA DE CÉRVOLES



RSRP KPI statistics per mobile operator for 21403\_Orange

Operators	21403
>= to -89dBm	0 % (count : 0)
B/w -99dBm to -90dBm	3.4179 % (count : 31)
B/w -112dBm to -100dBm	33.7376 % (count : 306)
<= -113dBm	62.8445 % (count : 570)
Total Geo samples	907

RSRP distribution chart per mobile operator for 21403\_Orange



## LES BORGES BLANQUES: RESUM MESURES

OPERADOR	SERVEI DE VEU	SERVEI DE DADES
MOVISTAR	CORRECTE (3G)	CORRECTE (3G/4G)
VODAFONE	CORRECTE (3G)	CORRECTE (4G)
ORANGE	CORRECTE (3G)	CORRECTE (3G/4G)

Comentaris:

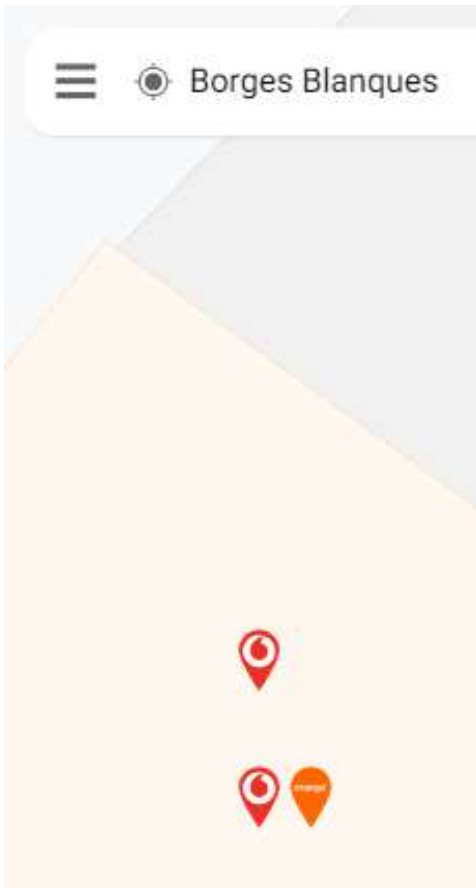
No es troben deficiències significatives de servei de veu o dades de cap operador.

Disposen de fibra de Adamo.

Servei de Orange i Vodafone al centre del poble i al costat del CAP. Servei de Movistar al costat del CAP.



TELEFONICA MOVILES ESPAÑA, S.A.U.		XFERA MOVILES, S.A.	
Estación:	2500052	Estación:	1B2L5328
Dirección:	AR DEL CARME, 138. BORGES BLANQUES (LES), LLEIDA	Dirección:	RB CARME, 138. BORGES BLANQUES (LES), LLEIDA
Posición:	41.517406 lat / 0.873081 lng	Posición:	41.517406 lat / 0.873081 lng
Elevación:	<b>Sólo PRO</b>	Elevación:	<b>Sólo PRO</b>
ID	BANDA	ID	BANDA
1	1805.10 - 1825.10	1	1845.10 - 1855.10
1	1910.00 - 1915.00; 2155.00 - 2170.00	1	1915.00 - 1920.00; 2110.00 - 2125.00
1	852.00 - 862.00		
1	935.10 - 949.90		
1	935.10 - 949.90		



**VODAFONE ESPAÑA, S.A.**  
Estación: 24400  
Dirección: PZ RAMON ARQUES, 1. BORGES BLANQUES (LES), LLEIDA  
Posición: 41.521167 lat / 0.866389 lng  
Elevación: **Sólo PRO**

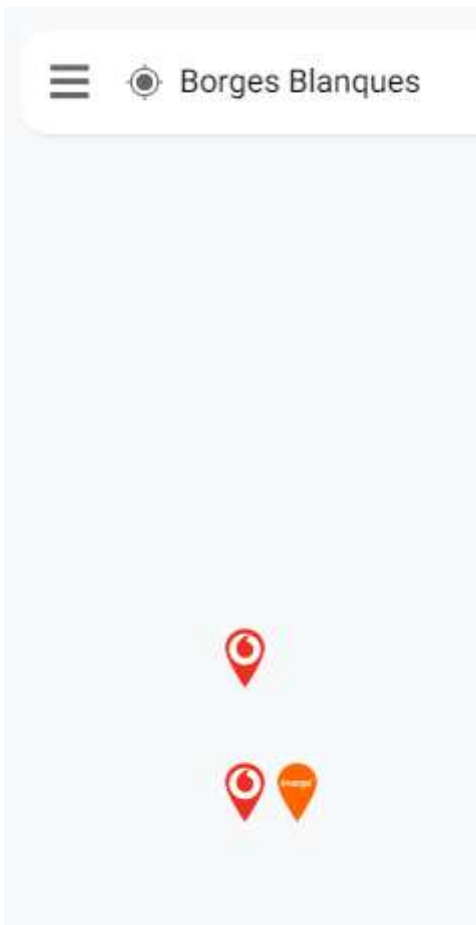
ID	BANDA	MODOS*
1	949.90 - 959.90	2G 3G

**VODAFONE ESPAÑA, S.A.**  
Estación: 024400  
Dirección: PZ RAMON ARQUES, 1. BORGES BLANQUES (LES), LLEIDA  
Posición: 41.521167 lat / 0.866389 lng  
Elevación: **Sólo PRO**

ID	BANDA	MODOS*
1	842.00 - 852.00	4G

**ORANGE ESPAGNE, S.A.U.**  
Estación: CATR5320A  
Dirección: PZ RAMON ARQUES, 1. BORGES BLANQUES (LES), LLEIDA  
Posición: 41.521167 lat / 0.866389 lng  
Elevación: **Sólo PRO**

ID	BANDA	MODOS*
1	1900.00 - 1905.00; 2125.00 - 2140.00	3G
1	832.00 - 842.00	4G
1	925.10 - 935.10	2G 3G
1	925.10 - 935.10	2G 3G



**VODAFONE ESPAÑA, S.A.**  
Estación: 79195  
Dirección: ZN Polígono 11 Parcela 64. BORGES BLANQUES (LES), LLEIDA  
Posición: 41.518667 lat / 0.876175 lng  
Elevación: **Sólo PRO**

ID	BANDA	MODOS*
1	842.00 - 852.00	4G

**VODAFONE ESPAÑA, S.A.**  
Estación: 079195  
Dirección: ZN POLÍGONO 11 PARCELA 64. BORGES BLANQUES (LES), LLEIDA  
Posición: 41.518667 lat / 0.876175 lng  
Elevación: **Sólo PRO**

ID	BANDA	MODOS*
1	949.90 - 959.90	2G 3G
1	949.90 - 959.90	2G 3G

**ORANGE ESPAGNE, S.A.U.**  
Estación: CATR5319A  
Dirección: ZN Polígono 11 Parcela 64. BORGES BLANQUES (LES), LLEIDA  
Posición: 41.518667 lat / 0.876175 lng  
Elevación: **Sólo PRO**

ID	BANDA	MODOS*
1	1900.00 - 1905.00; 2125.00 - 2140.00	3G
1	832.00 - 842.00	4G
1	925.10 - 935.10	2G 3G
1	925.10 - 935.10	2G 3G

# RantCell User QoE test report



OperatorName	21407_Movistar
Test phone Model/Models	Samsung SM-A226B
Report Generation Time	Mar 25, 2022 11:16:10 AM
Test StartTime	Mar 24, 2022 12:43:52 PM
Test EndTime	Mar 24, 2022 2:25:18 PM
Voice Call Test	Yes

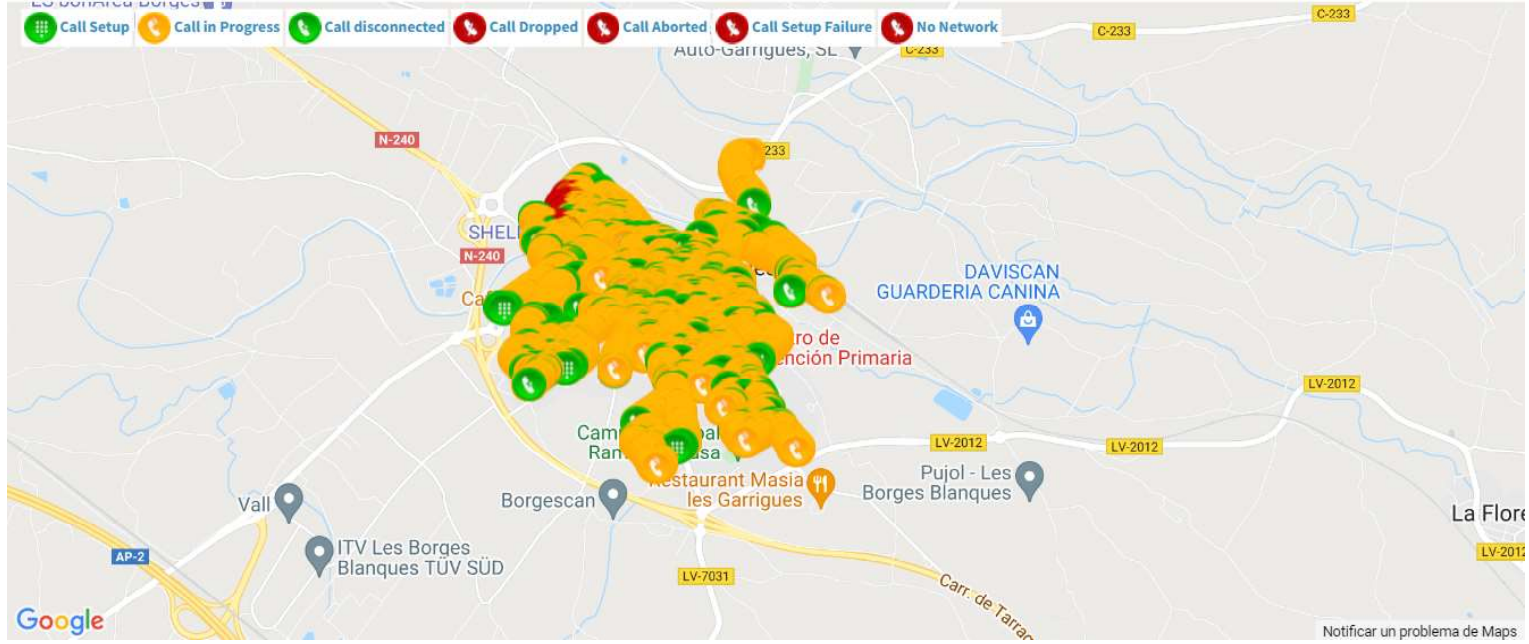


## Voice call test report



Call test view of mobile operators for 21407\_Movistar

### MOVISTAR SERVEI DE VEU, MAPA DE TRUCADES, LES BORGES BLANQUES



Call test KPI statistics per mobile operator for 21407\_Movistar

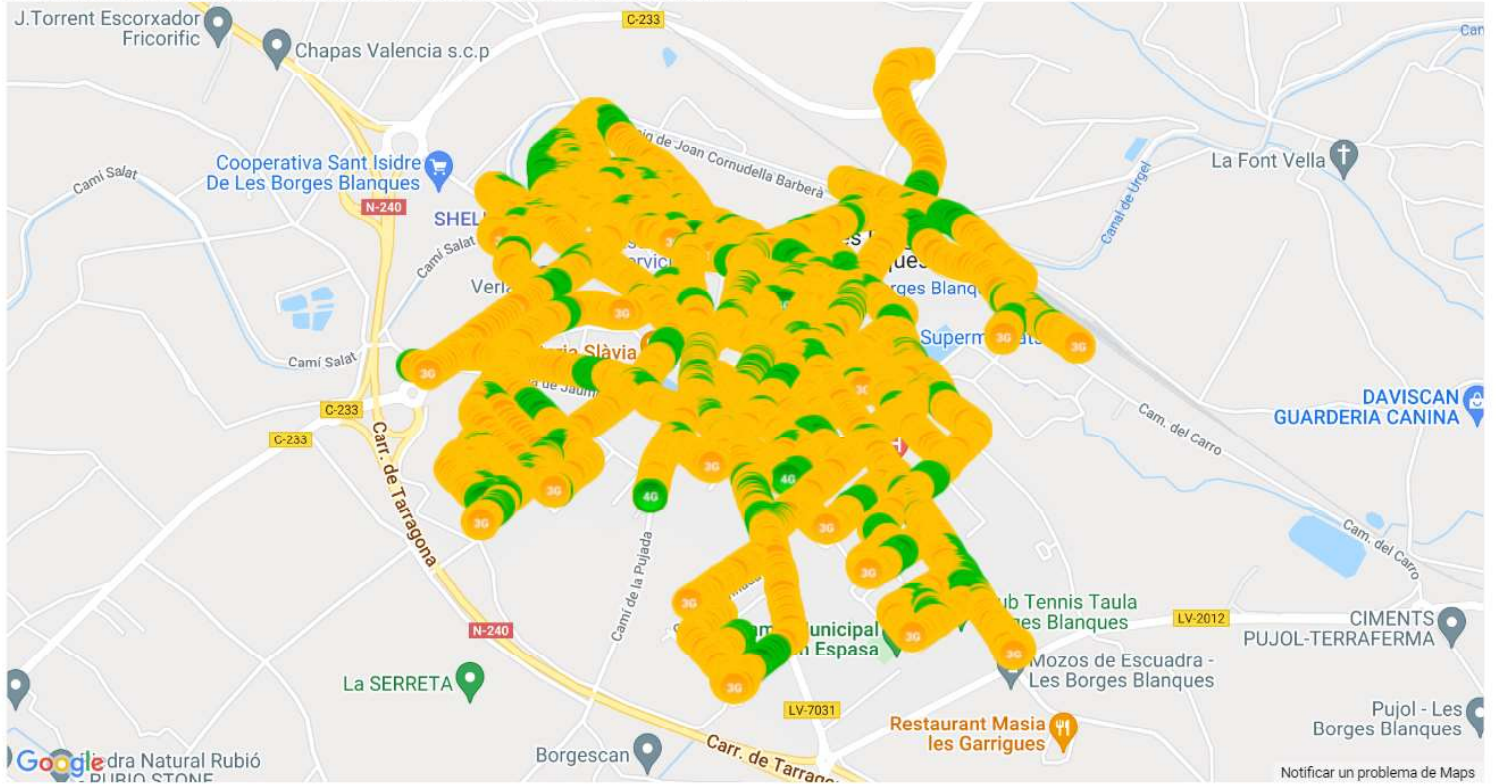
Operators	21407
Total Calls Success	119
Total Calls Attempted	125
Total Calls Failed	6
Dropped Calls	1
Aborted Calls	0
CallSetup Failed	5
No Network <a href="#">?</a>	0
Attempted Voice call on 2G <a href="#">?</a>	0
Attempted Voice call on 3G <a href="#">?</a>	34
Attempted Voice call on 4G (VoLTE) <a href="#">?</a>	3
Successful CSFB call to 3G <a href="#">?</a>	86
CSFB call to 3G Failed <a href="#">?</a>	1

## User perceived mobile network coverage during tests



mobile network coverage during tests for operators 21407\_Movistar

### MOVISTAR SERVEI DE VEU, ACCÉS A XARXES DE L'OPERADOR, LES BORGES BLANQUES



### RAN technology statistics per mobile network operator for 21407\_Movistar

Network Type	21407
5G	0.0000%
4G	15.2963%
3G	84.7037%
2G	0.0000%
CDMA	0.0000%
NONETWORK	0.0000%
Total Geo samples	5315

### RAN technology distribution chart per mobile network operator for 21407\_Movistar

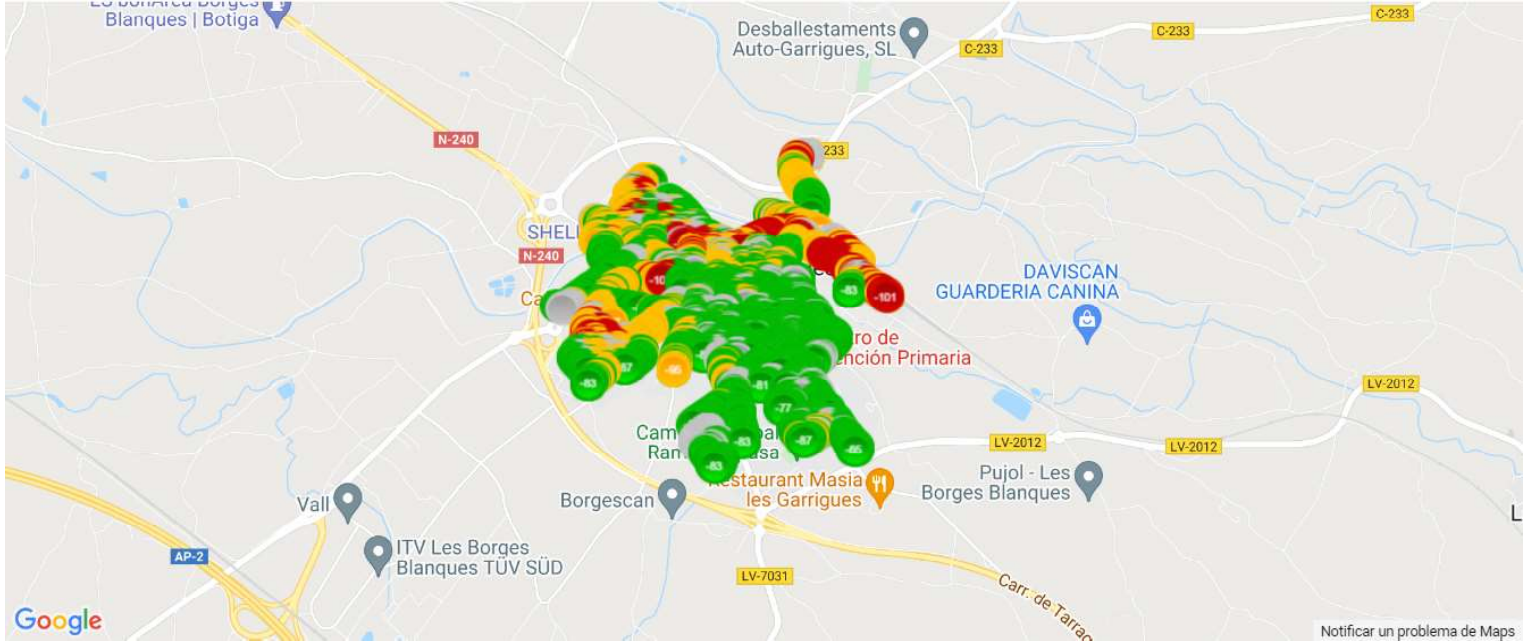


## RSSI view



RSSI KPI statistics per mobile operator for operator 21407\_Movistar

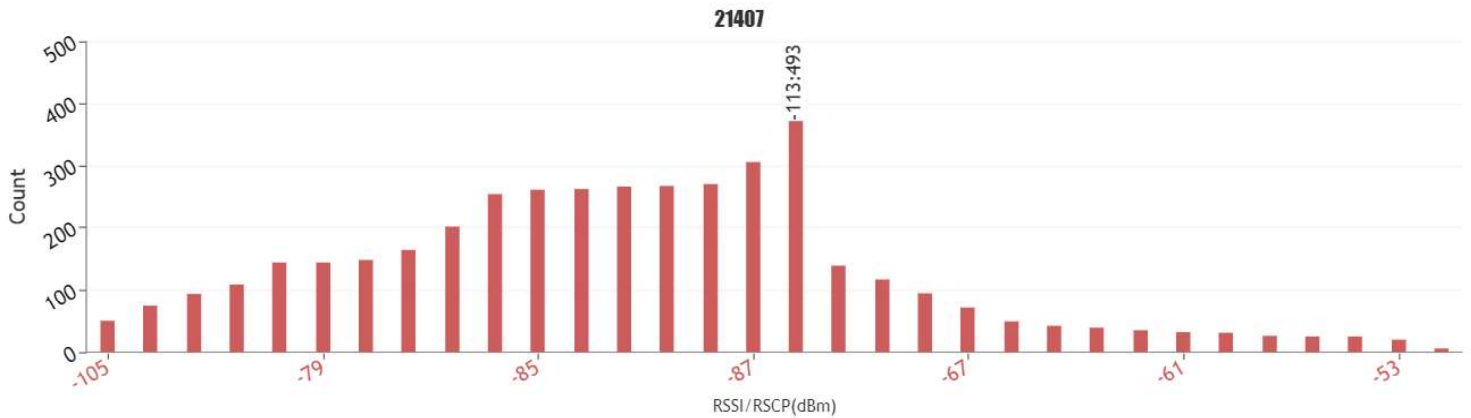
MOVISTAR SERVEI DE VEU, MAPA DE NIVELL DE SENYAL, LES BORGES BLANQUES



RSSI KPI statistics per mobile operator for 21407\_Movistar

Operators	21407
<b>&gt;= -89dBm</b>	56.0737 % (count : 2405)
<b>B/w -99dBm to -90dBm</b>	25.6470 % (count : 1100)
<b>B/w -112dBm to -100dBm</b>	6.7848 % (count : 291)
<b>&lt; -113dBm</b>	11.4945 % (count : 493)
Total Geo samples	4289

RSSI distribution chart per mobile operator for 21407\_Movistar



# RantCell User QoE test report



OperatorName	21407_Movistar
Test phone Model/Models	Samsung SM-A226B
Report Generation Time	Mar 25, 2022 1:19:53 PM
Test StartTime	Mar 24, 2022 12:43:47 PM
Test EndTime	Mar 24, 2022 2:25:51 PM
Download Speed Test	Yes

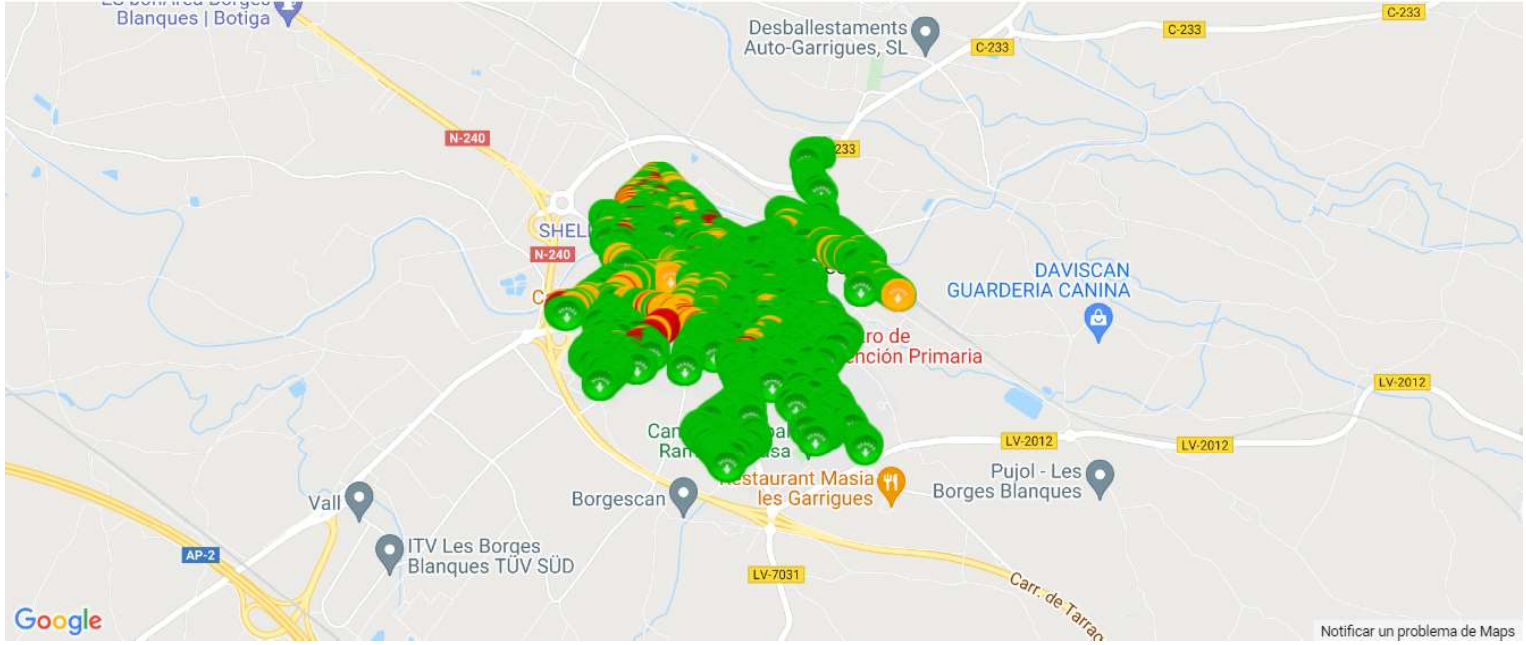


## Download speed test report

Download speed test view for 21407\_Movistar



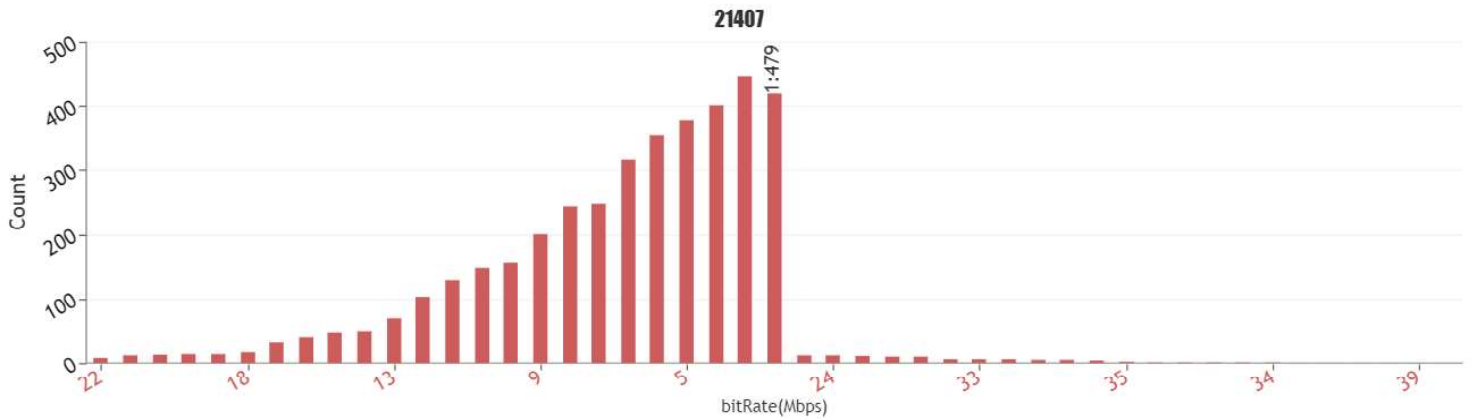
### MOVISTAR SERVEI DE DADES, MAPA DE VELOCITATS DE DESCÀRREGA, LES BORGES BLANQUES



### Download test KPI statistics per mobile operator for 21407\_Movistar

Operators	21407
above 1.2Mbps	88.4947 % (count : 3592)
0.4Mbps - 1.2Mbps	8.4257 % (count : 342)
0Mbps - 0.4Mbps	3.0796 % (count : 125)
Average (mbps)	6.46
Peak Speed (mbps)	50.83
Lowest Recorded (mbps)	0
Total Geo samples	4059

### Download test distribution chart per mobile operators for 21407\_Movistar



## User perceived mobile network coverage during tests



mobile network coverage during tests for operators 21407\_Movistar

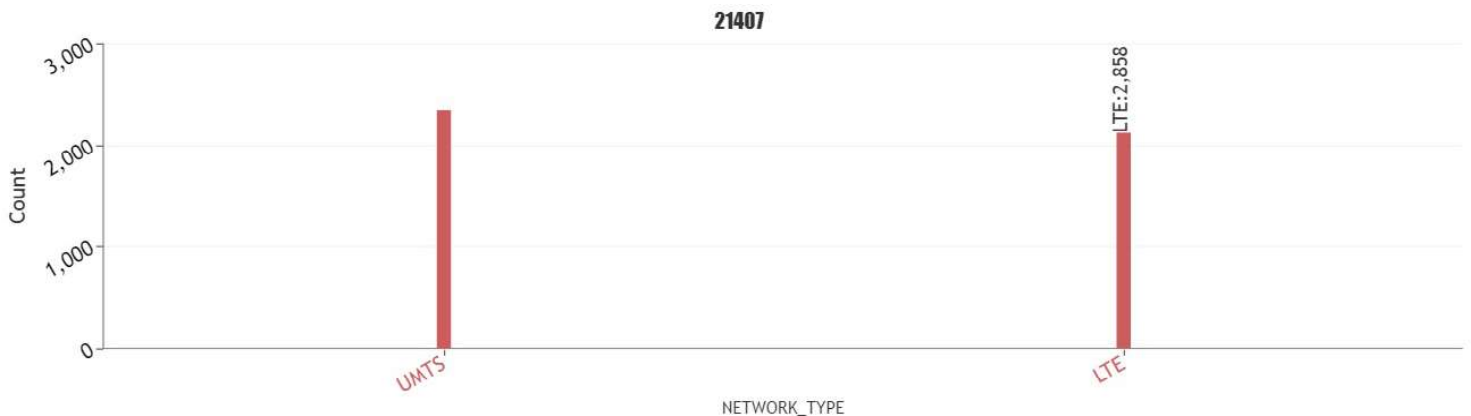
MOVISTAR SERVEI DE DADES, ACCÉS A XARXES DE L'OPERADOR, LES BORGES BLANQUES



RAN technology statistics per mobile network operator for 21407\_Movistar

Network Type	21407
5G	0.0000%
4G	54.9193%
3G	45.0807%
2G	0.0000%
CDMA	0.0000%
NONNETWORK	0.0000%
Total Geo samples	5204

RAN technology distribution chart per mobile network operator for 21407\_Movistar

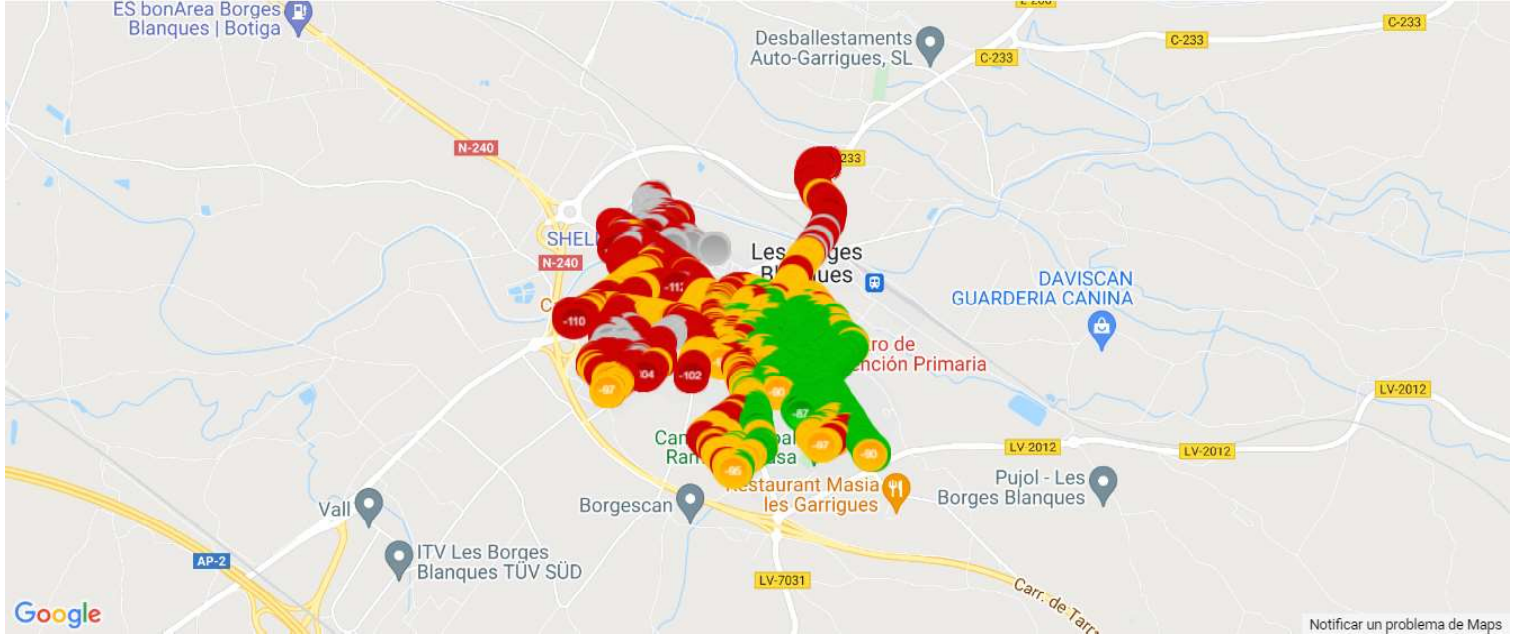




## RSRP view

RSRP KPI statistics per mobile operator for operator 21407\_Movistar

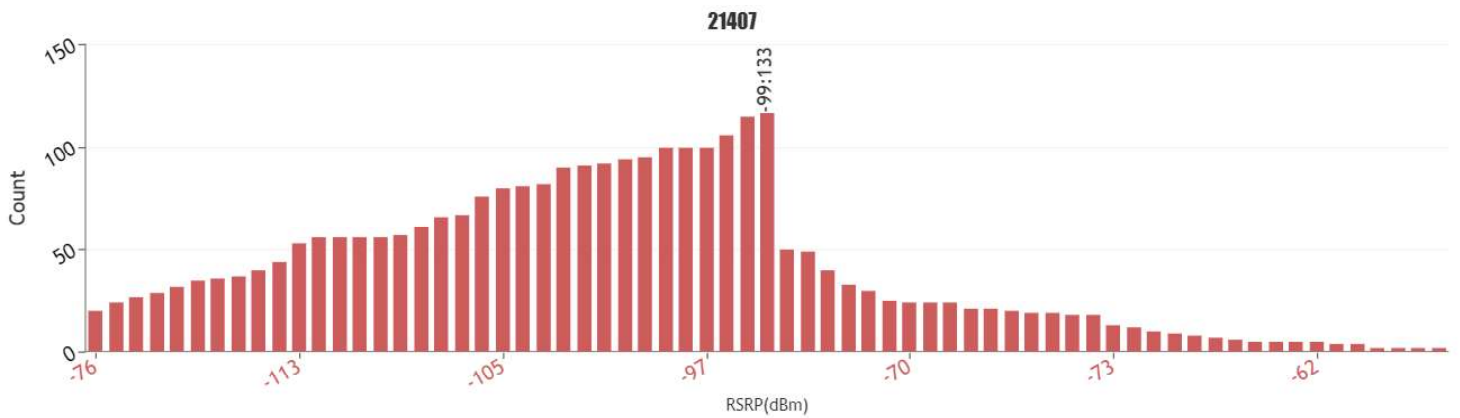
MOVISTAR SERVEI DE DADES, MAPA DE NIVELL DE SENYAL 4G, LES BORGES BLANQUES



RSRP KPI statistics per mobile operator for 21407\_Movistar

Operators	21407
<b>&gt;= to -89dBm</b>	26.8863 % (count : 759)
<b>B/w -99dBm to -90dBm</b>	29.1888 % (count : 824)
<b>B/w -112dBm to -100dBm</b>	37.4779 % (count : 1058)
<b>&lt;= -113dBm</b>	6.4470 % (count : 182)
Total Geo samples	2823

RSRP distribution chart per mobile operator for 21407\_Movistar



## RSSI view



RSSI KPI statistics per mobile operator for operator 21407\_Movistar

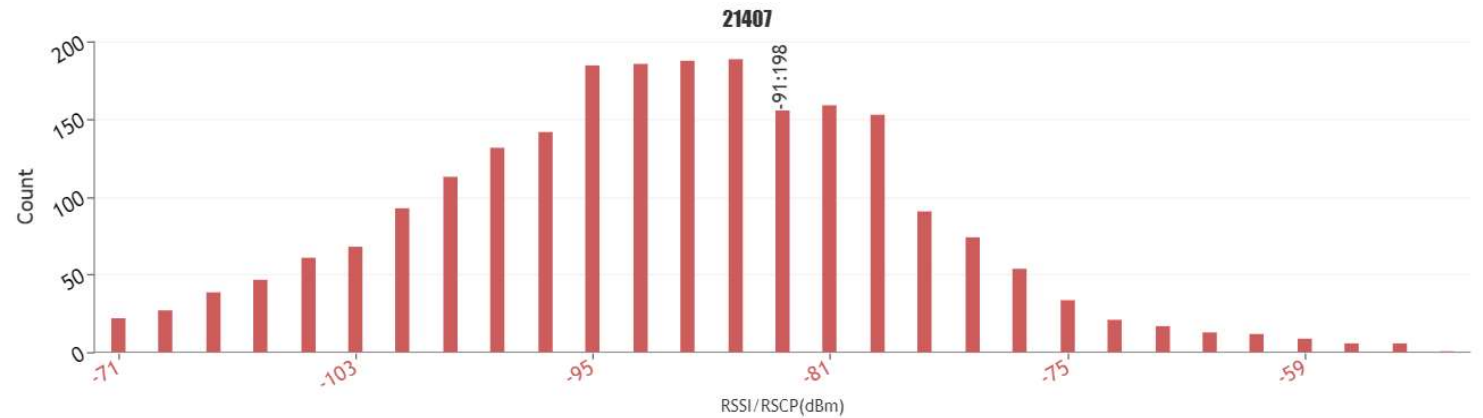
### MOVISTAR SERVEI DE DADES, MAPA DE NIVELL DE SENYAL 3G, LES BORGES BLANQUES



RSSI KPI statistics per mobile operator for 21407\_Movistar

Operators	21407
<b>&gt;= -89dBm</b>	50.1709 % (count : 1174)
<b>B/w -99dBm to -90dBm</b>	38.4615 % (count : 900)
<b>B/w -112dBm to -100dBm</b>	9.3590 % (count : 219)
<b>&lt;= -113dBm</b>	2.0085 % (count : 47)
Total Geo samples	2340

RSSI distribution chart per mobile operator for 21407\_Movistar



# RantCell User QoE test report



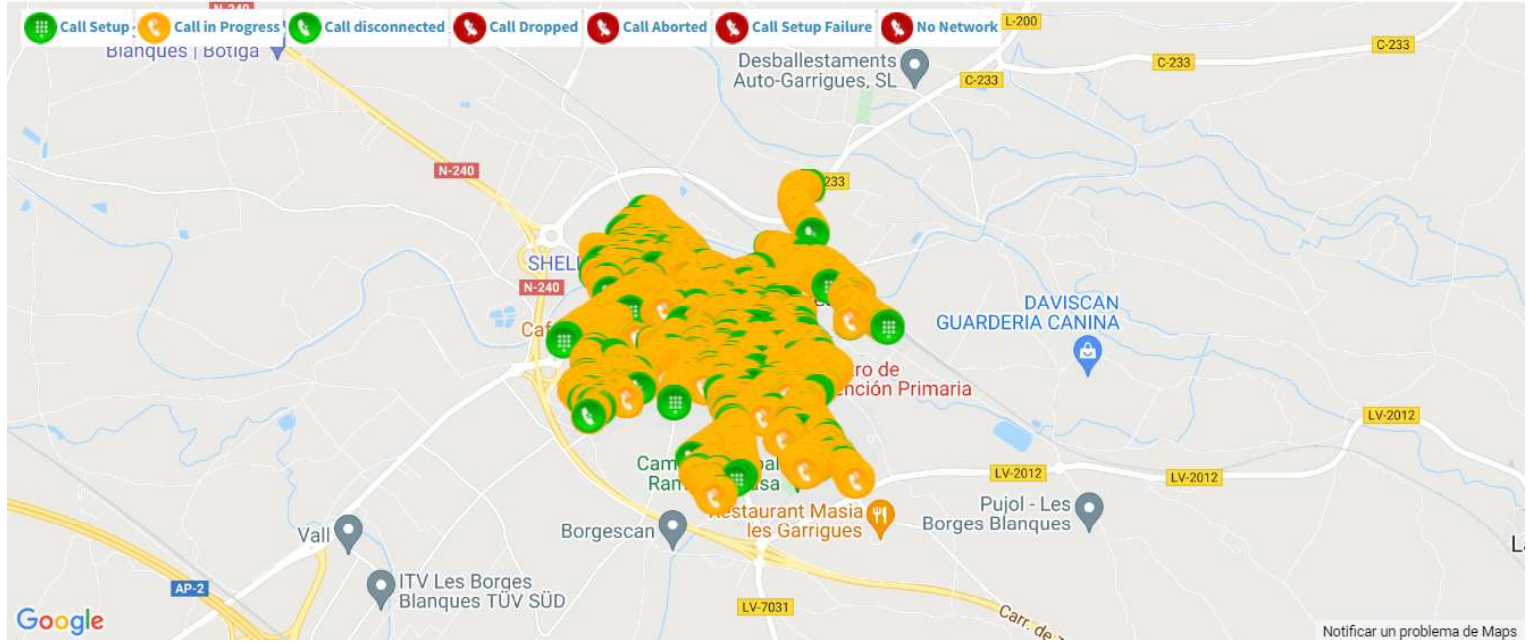
OperatorName	21401_vodafone ES
Test phone Model/Models	Samsung SM-A226B
Report Generation Time	Mar 28, 2022 7:20:21 AM
Test StartTime	Mar 24, 2022 12:43:51 PM
Test EndTime	Mar 24, 2022 2:25:34 PM
Voice Call Test	Yes

# Voice call test report



Call test view of mobile operators for 21401\_vodafone ES

## VODAFONE SERVEI DE VEU, MAPA DE TRUCADES, LES BORGES BLANQUES



Call test KPI statistics per mobile operator for 21401\_vodafone ES

Operators	21401
Total Calls Success	125
Total Calls Attempted	126
Total Calls Failed	1
Dropped Calls	1
Aborted Calls	0
CallSetup Failed	0
No Network <a href="#">?</a>	0
Attempted Voice call on 2G <a href="#">?</a>	0
Attempted Voice call on 3G <a href="#">?</a>	33
Successful CSFB call to 3G <a href="#">?</a>	92

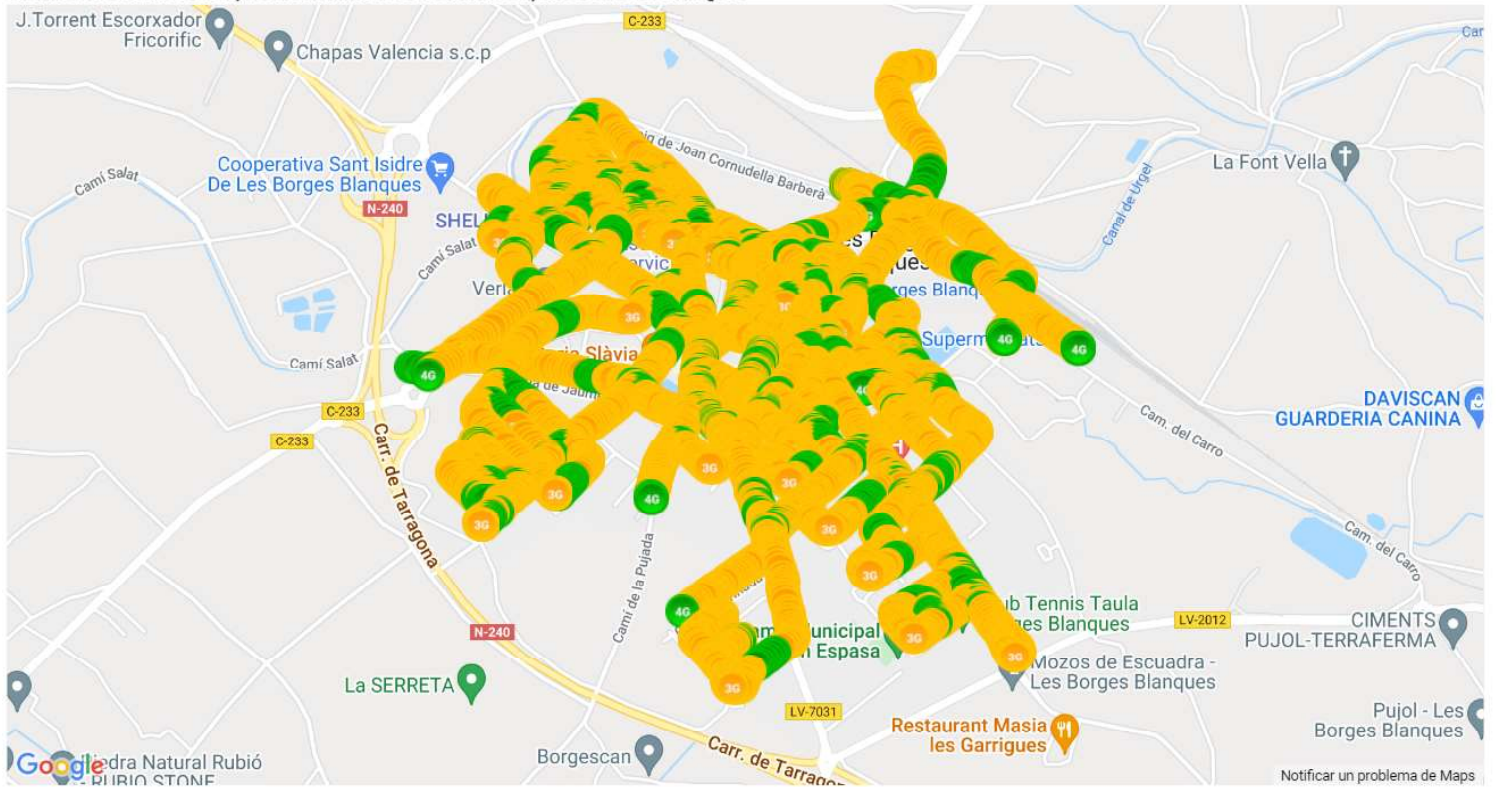


## User perceived mobile network coverage during tests



mobile network coverage during tests for operators 21401\_vodafone ES

### VODAFONE SERVEI DE VEU, ACCÉS A XARXES DE L'OPERADOR, LES BORGES BLANQUES



RAN technology statistics per mobile network operator for 21401\_vodafone ES

Network Type	21401
5G	0.0000%
4G	15.1389%
3G	84.8611%
2G	0.0000%
CDMA	0.0000%
NONNETWORK	0.0000%
Total Geo samples	5291

RAN technology distribution chart per mobile network operator for 21401\_vodafone ES



# RSSI view



RSSI KPI statistics per mobile operator for operator 21401\_vodafone ES

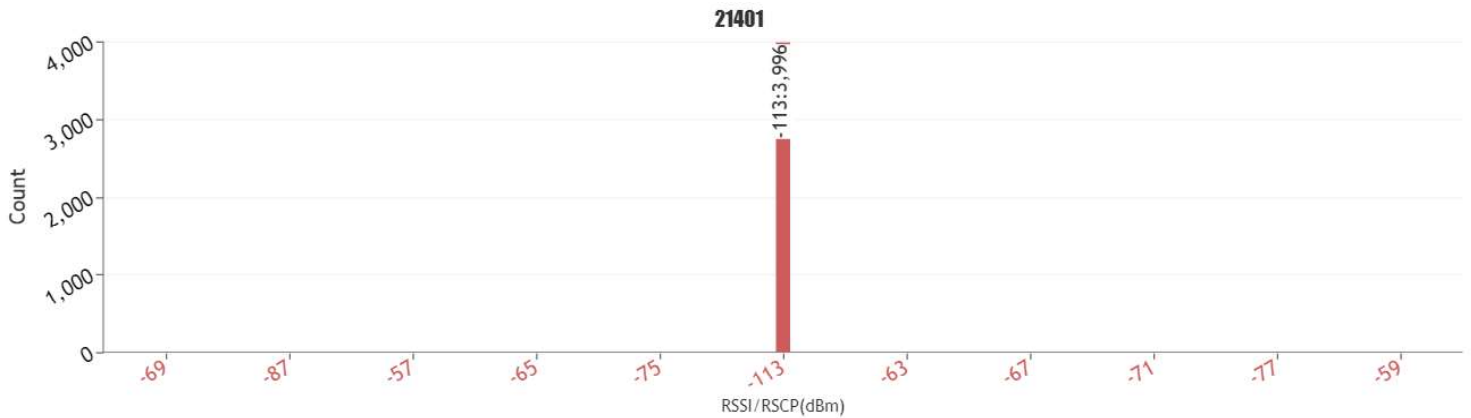
## VODAFONE SERVEI DE VEU, MAPA DE NIVELL DE SENYAL, LES BORGES BLANQUES



RSSI KPI statistics per mobile operator for 21401\_vodafone ES

Operators	21401
<b>&gt;= -89dBm</b>	0.3988 % (count : 16)
<b>B/w -99dBm to -90dBm</b>	0 % (count : 0)
<b>B/w -112dBm to -100dBm</b>	0 % (count : 0)
<b>&lt;= -113dBm</b>	99.6012 % (count : 3996)
Total Geo samples	4012

RSSI distribution chart per mobile operator for 21401\_vodafone ES





# RantCell User QoE test report



OperatorName	21401_vodafone ES
Test phone Model/Models	Samsung SM-A226B
Report Generation Time	Mar 28, 2022 7:26:16 AM
Test StartTime	Mar 24, 2022 12:43:49 PM
Test EndTime	Mar 24, 2022 2:25:48 PM
Download Speed Test	Yes

## Download speed test report

Download speed test view for 21401\_vodafone ES



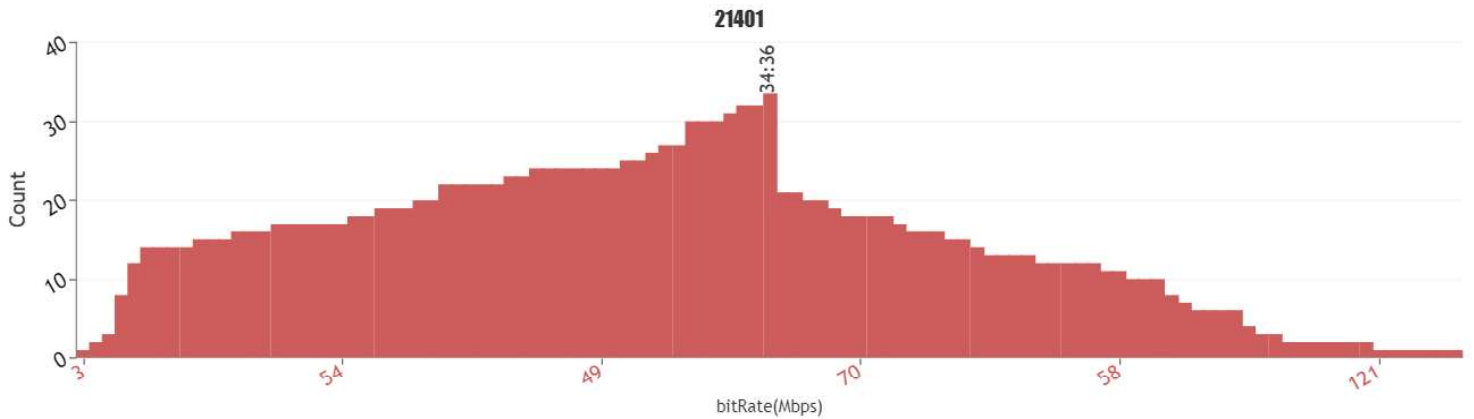
### VODAFONE SERVEI DE DADES, MAPA DE VELOCITATS DE DESCÀRREGA, LES BORGES BLANQUES



### Download test KPI statistics per mobile operator for 21401\_vodafone ES

Operators	21401
above 1.2Mbps	100.0000 % (count : 1601)
0.4Mbps - 1.2Mbps	0 % (count : 0)
0Mbps - 0.4Mbps	0 % (count : 0)
Average (mbps)	45.58
Peak Speed (mbps)	120.94
Lowest Recorded (mbps)	2.72
Total Geo samples	1601

### Download test distribution chart per mobile operators for 21401\_vodafone ES



## User perceived mobile network coverage during tests



mobile network coverage during tests for operators 21401\_vodafone ES

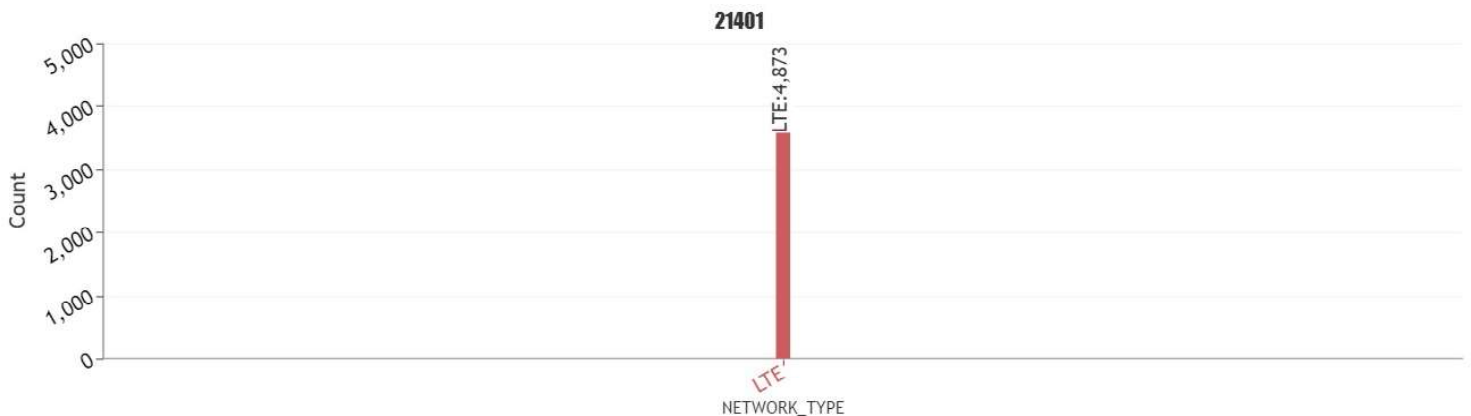
### VODAFONE SERVEI DE DADES, ACCÉS A XARXES DE L'OPERADOR, LES BORGES BLANQUES



RAN technology statistics per mobile network operator for 21401\_vodafone ES

Network Type	21401
5G	0.0000%
4G	100.0000%
3G	0.0000%
2G	0.0000%
CDMA	0.0000%
NONETWORK	0.0000%
Total Geo samples	4873

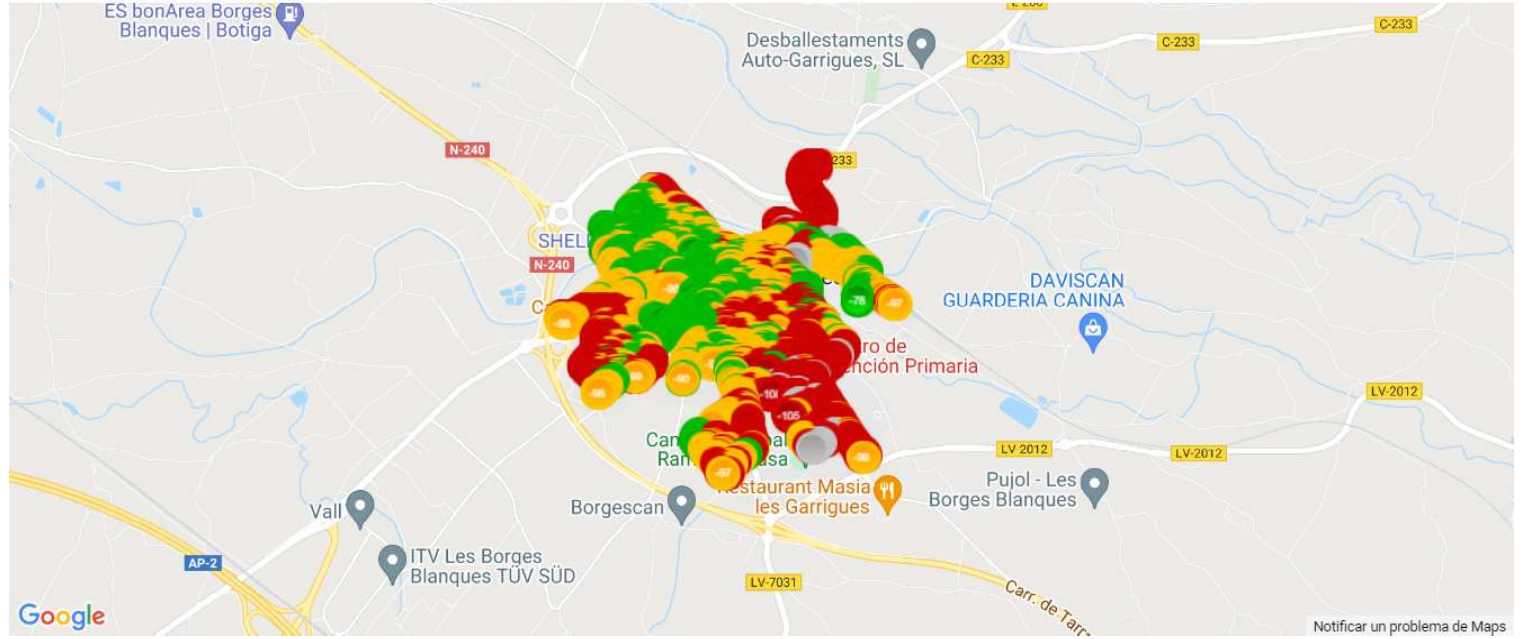
RAN technology distribution chart per mobile network operator for 21401\_vodafone ES



## RSRP view

RSRP KPI statistics per mobile operator for operator 21401\_vodafone ES

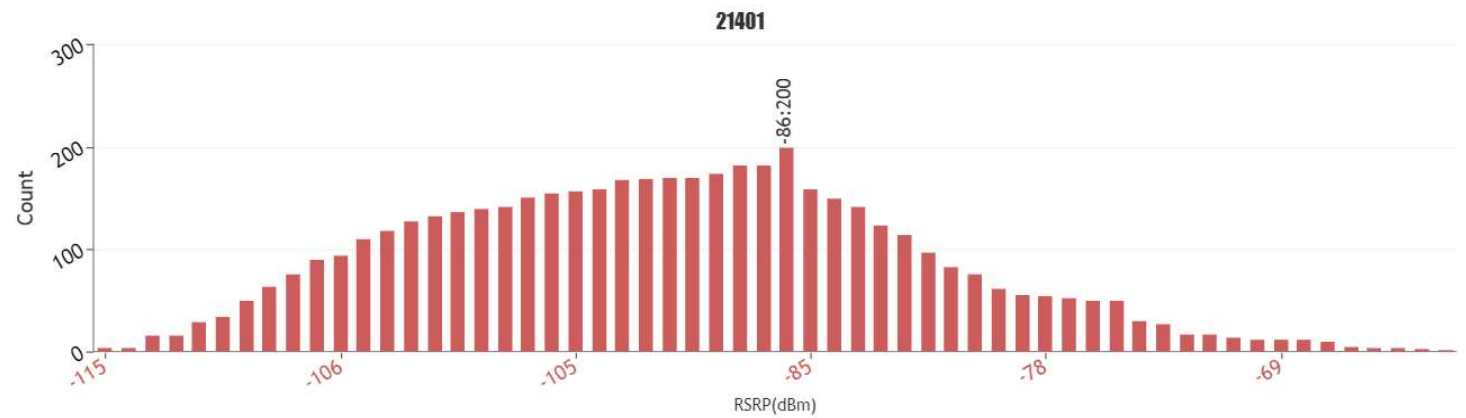
### VODAFONE SERVEI DE DADES, MAPA DE NIVELL DE SENYAL, LES BORGES BLANQUES



RSRP KPI statistics per mobile operator for 21401\_vodafone ES

Operators	21401
<b>&gt;= to -89dBm</b>	39.7779 % (count : 1934)
<b>B/w -99dBm to -90dBm</b>	30.1522 % (count : 1466)
<b>B/w -112dBm to -100dBm</b>	29.1238 % (count : 1416)
<b>&lt;= -113dBm</b>	0.9461 % (count : 46)
Total Geo samples	4862

RSRP distribution chart per mobile operator for 21401\_vodafone ES



# RantCell User QoE test report



OperatorName	21403_Orange
Test phone Model/Models	Samsung SM-A226B
Report Generation Time	Mar 25, 2022 1:24:15 PM
Test StartTime	Mar 24, 2022 12:43:54 PM
Test EndTime	Mar 24, 2022 2:25:36 PM
Voice Call Test	Yes

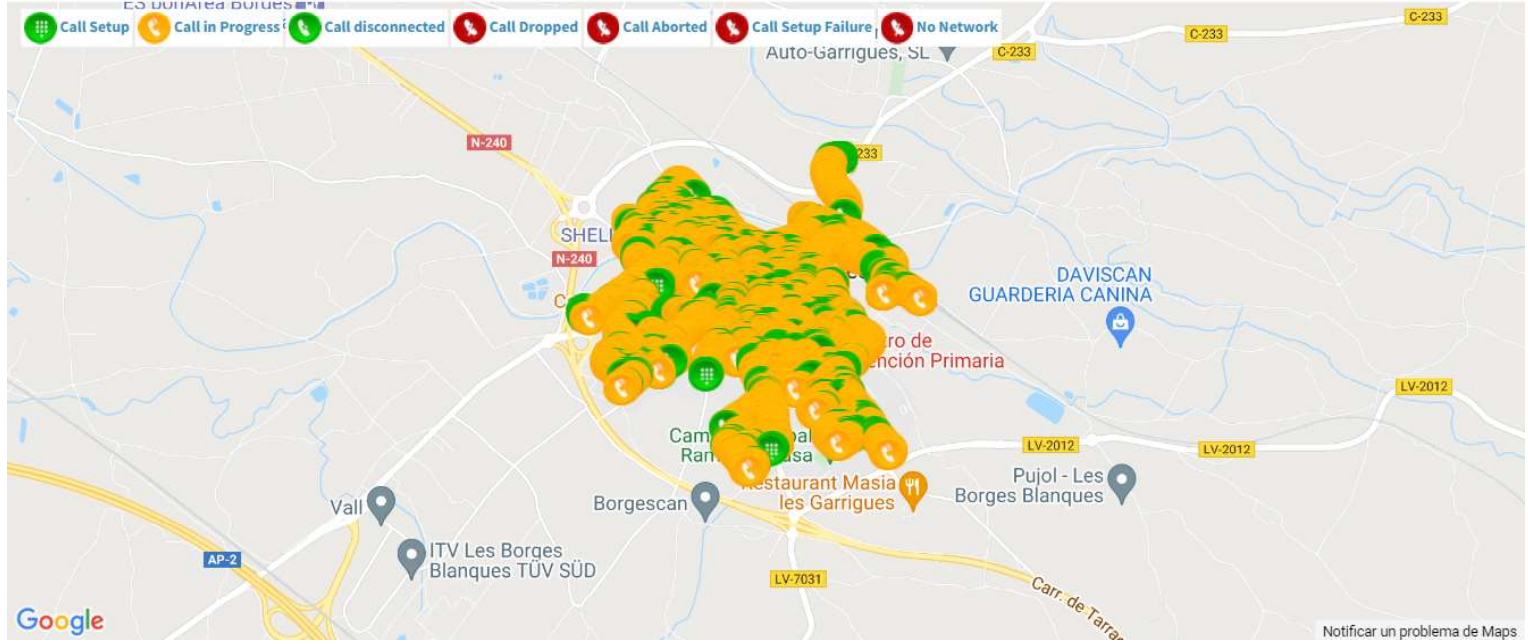


# Voice call test report



Call test view of mobile operators for 21403\_Orange

## ORANGE SERVEI DE VEU, MAPA DE TRUCADES, LES BORGES BLANQUES



Call test KPI statistics per mobile operator for 21403\_Orange

Operators	21403
Total Calls Success	125
Total Calls Attempted	127
Total Calls Failed	2
Dropped Calls	1
Aborted Calls	0
CallSetup Failed	1
No Network <a href="#">?</a>	0
Attempted Voice call on 2G <a href="#">?</a>	0
Attempted Voice call on 3G <a href="#">?</a>	31
Successful CSFB call to 3G <a href="#">?</a>	95
Not Determined(Voice CallType) <a href="#">?</a>	1

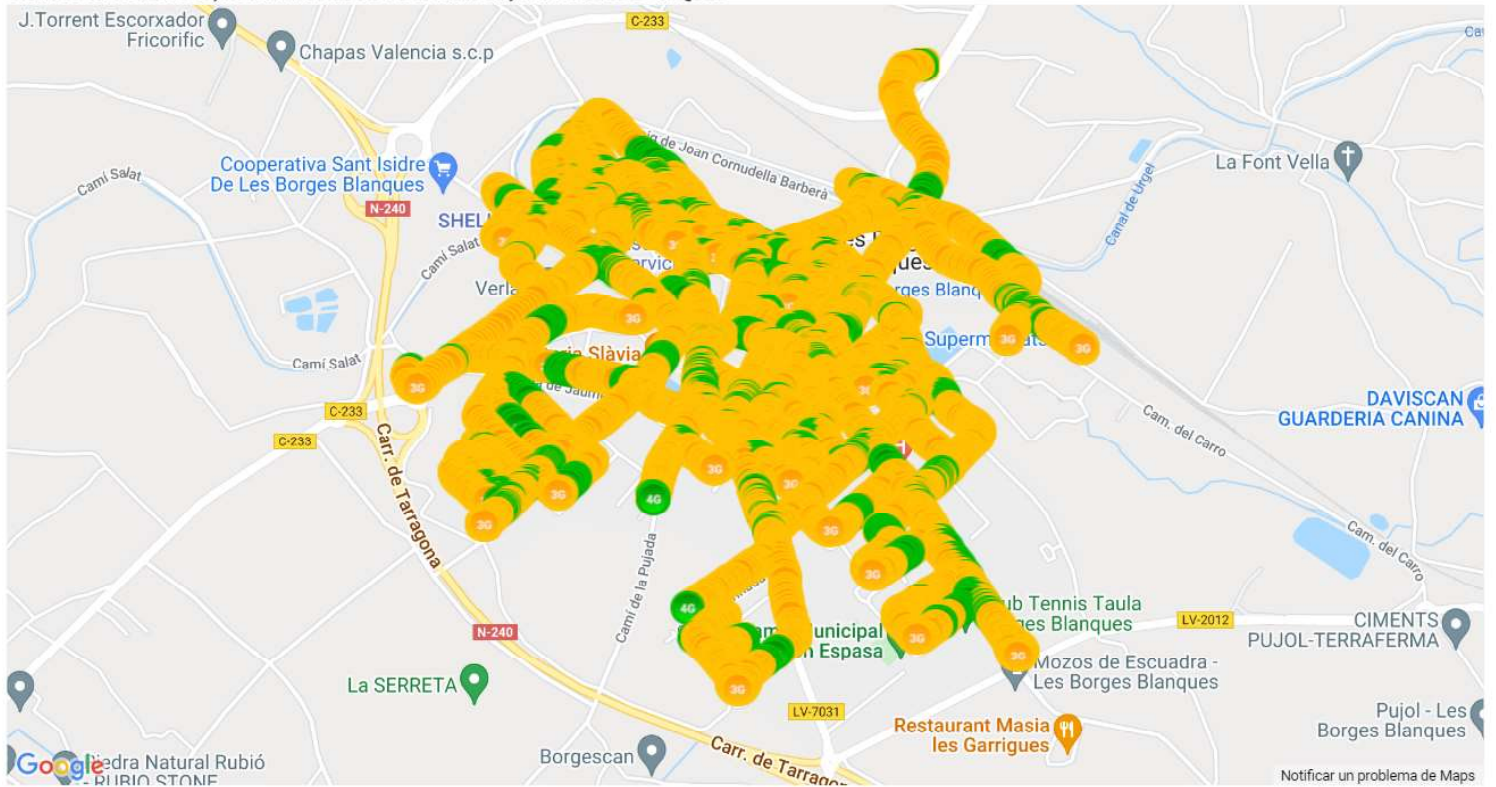


## User perceived mobile network coverage during tests



mobile network coverage during tests for operators 21403\_Orange

### ORANGE SERVEI DE VEU, ACCÉS A XARXES DE L'OPERADOR, LES BORGES BLANQUES



## RAN technology statistics per mobile network operator for 21403\_Orange

Network Type	21403
5G	0.0000%
4G	14.3444%
3G	85.6556%
2G	0.0000%
CDMA	0.0000%
NONNETWORK	0.0000%
Total Geo samples	5354

## RAN technology distribution chart per mobile network operator for 21403\_Orange



# RSSI view



RSSI KPI statistics per mobile operator for operator 21403\_Orange

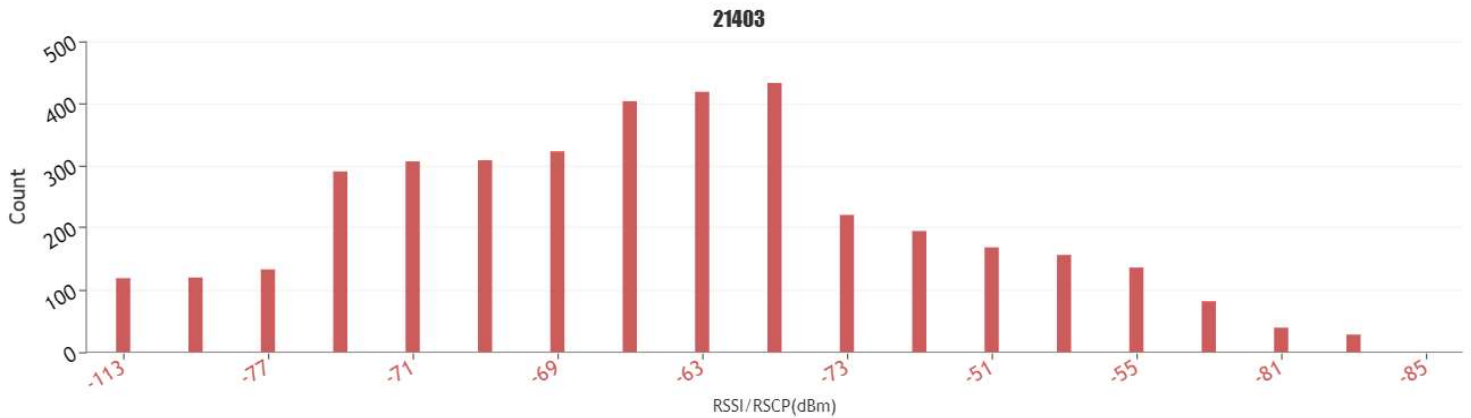
ORANGE SERVEI DE VEU, MAPA DE NIVELL DE SENYAL, LES BORGES BLANQUES



RSSI KPI statistics per mobile operator for 21403\_Orange

Operators	21403
>= -89dBm	96.9175 % (count : 3773)
B/w -99dBm to -90dBm	0 % (count : 0)
B/w -112dBm to -100dBm	0 % (count : 0)
<= -113dBm	3.0825 % (count : 120)
Total Geo samples	3893

RSSI distribution chart per mobile operator for 21403\_Orange



# RantCell User QoE test report



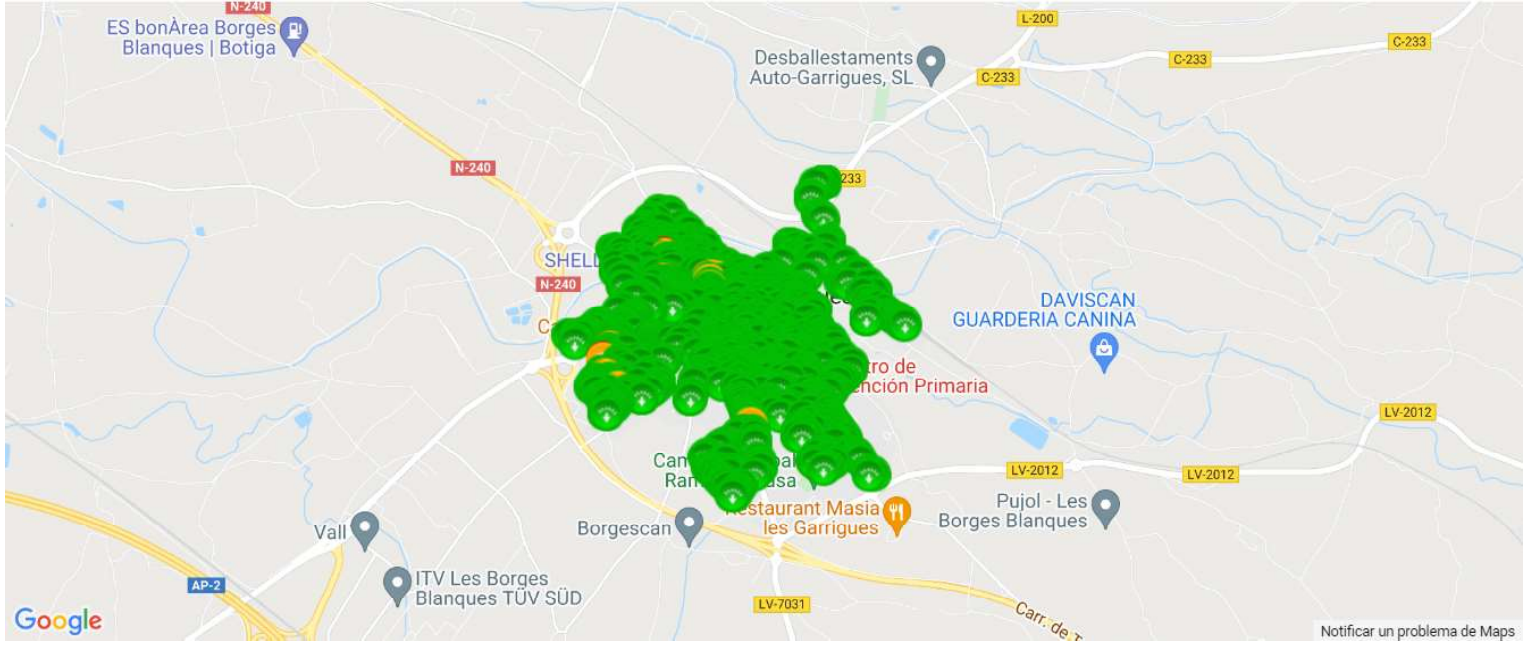
OperatorName	21403_Orange
Test phone Model/Models	Samsung SM-A226B
Report Generation Time	Mar 28, 2022 7:14:08 AM
Test StartTime	Mar 24, 2022 12:43:48 PM
Test EndTime	Mar 24, 2022 2:25:49 PM
Download Speed Test	Yes

# Download speed test report

Download speed test view for 21403\_Orange



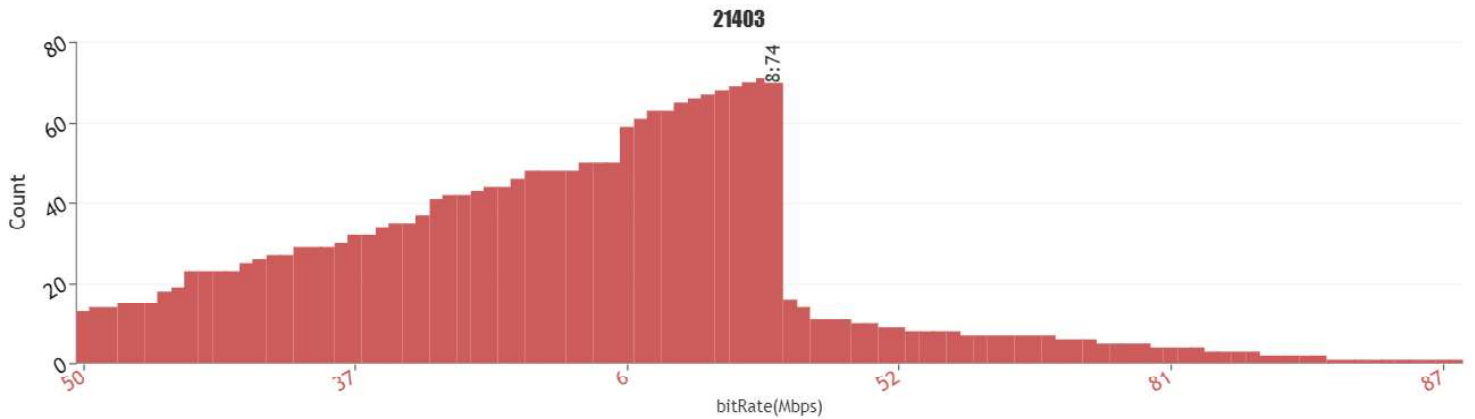
## ORANGE SERVEI DE DADES, MAPA DE VELOCITATS DE DESCÀRREGA, LES BORGES BLANQUES



## Download test KPI statistics per mobile operator for 21403\_Orange

Operators	21403
above 1.2Mbps	98.2553 % (count : 2309)
0.4Mbps - 1.2Mbps	1.1915 % (count : 28)
0Mbps - 0.4Mbps	0.5532 % (count : 13)
Average (mbps)	26.34
Peak Speed (mbps)	108.74
Lowest Recorded (mbps)	0
Total Geo samples	2350

## Download test distribution chart per mobile operators for 21403\_Orange





## User perceived mobile network coverage during tests



mobile network coverage during tests for operators 21403\_Orange

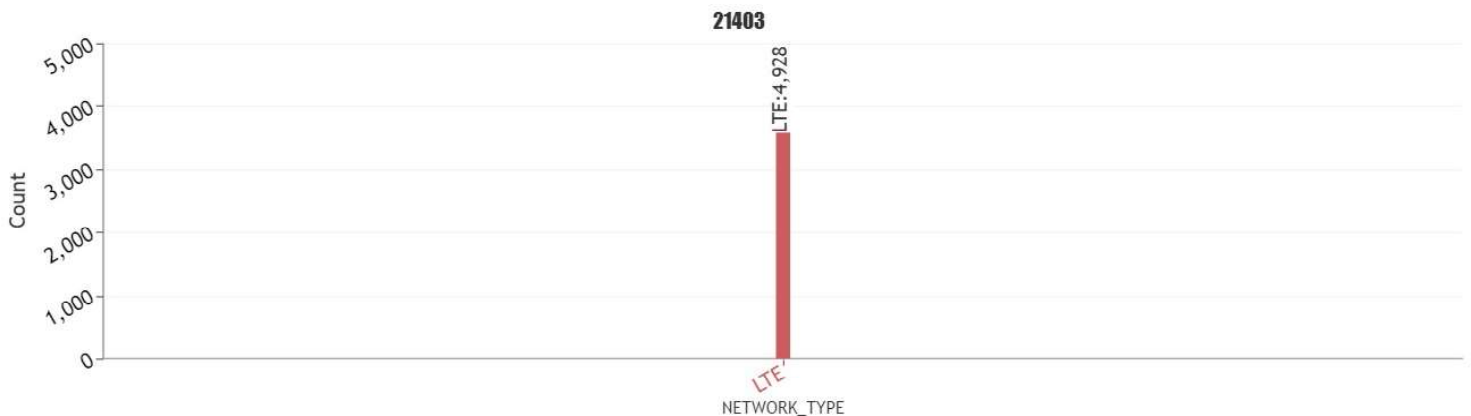
### ORANGE SERVEI DE DADES, ACCÉS A XARRES DE L'OPERADOR, LES BORGES BLANQUES



## RAN technology statistics per mobile network operator for 21403\_Orange

Network Type	21403
5G	0.0000%
4G	100.0000%
3G	0.0000%
2G	0.0000%
CDMA	0.0000%
NONNETWORK	0.0000%
Total Geo samples	4928

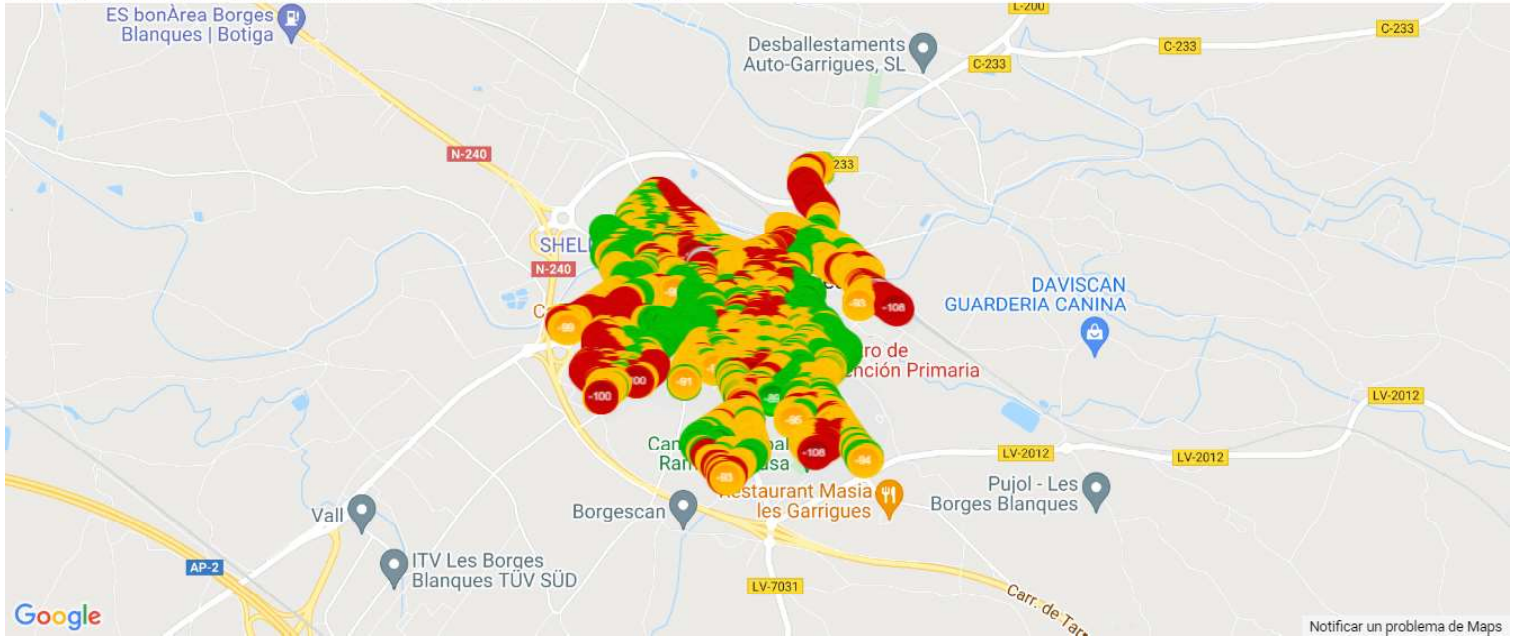
## RAN technology distribution chart per mobile network operator for 21403\_Orange



## RSRP view

RSRP KPI statistics per mobile operator for operator 21403\_Orange

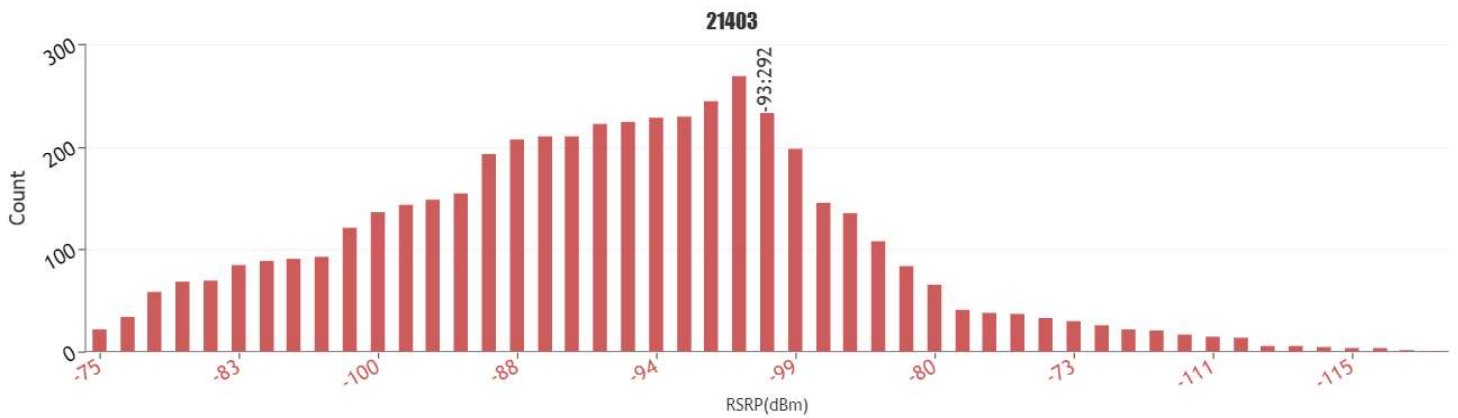
ORANGE SERVEI DE DADES, MAPA DE NIVELL DE SENYAL, LES BORGES BLANQUES



RSRP KPI statistics per mobile operator for 21403\_Orange

Operators	21403
<b>&gt;= to -89dBm</b>	32.8926 % (count : 1617)
<b>B/w -99dBm to -90dBm</b>	47.4980 % (count : 2335)
<b>B/w -112dBm to -100dBm</b>	19.2229 % (count : 945)
<b>&lt;= -113dBm</b>	0.3865 % (count : 19)
Total Geo samples	4916

RSRP distribution chart per mobile operator for 21403\_Orange





## PUIGGROS: RESUM MESURES

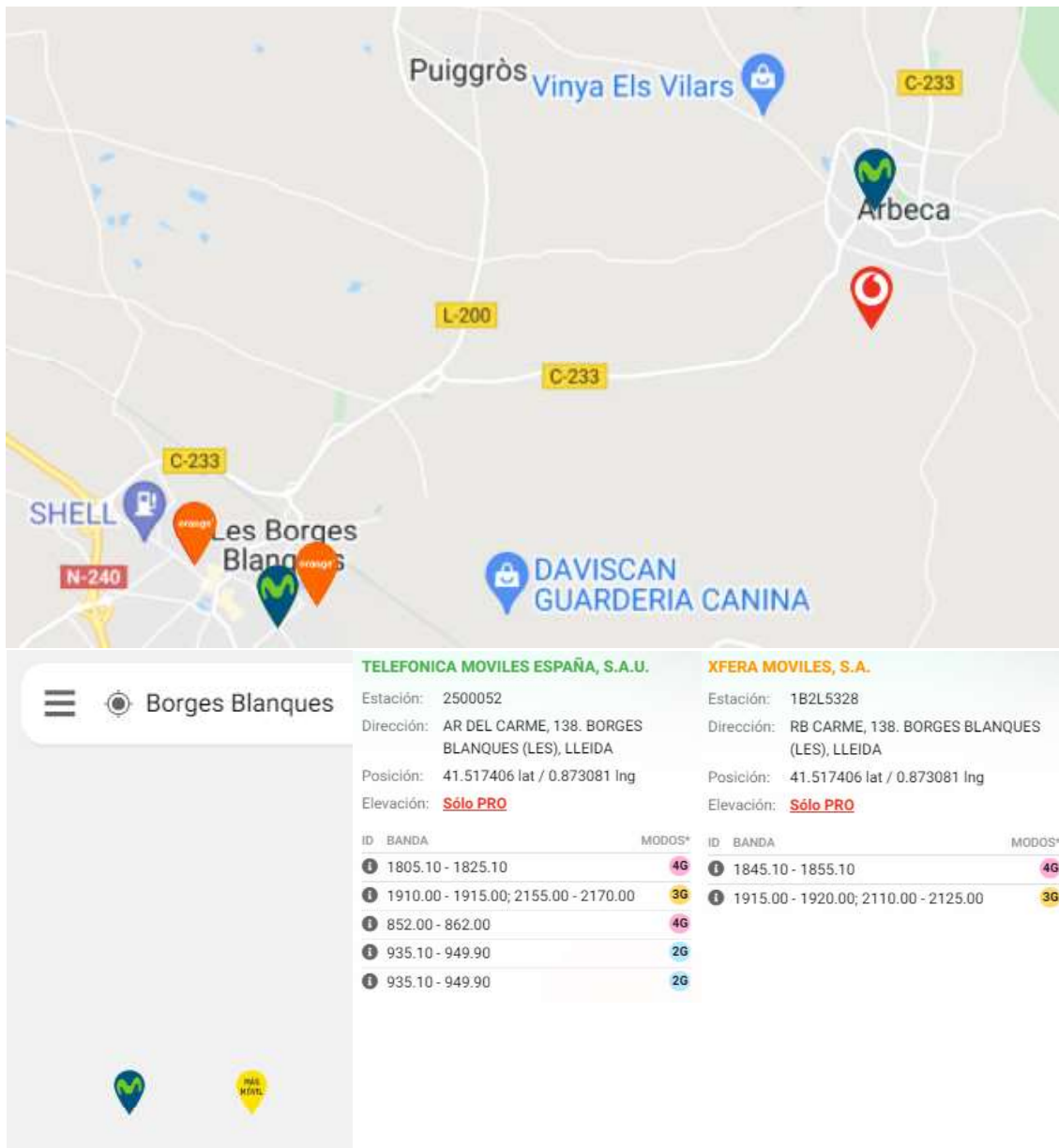
OPERADOR	SERVEI DE VEU	SERVEI DE DADES
MOVISTAR	CORRECTE (3G)	CORRECTE (3G/4G)
VODAFONE	CORRECTE (3G)	CORRECTE 70% (3G/4G)
ORANGE	CORRECTE (3G)	CORRECTE (4G)

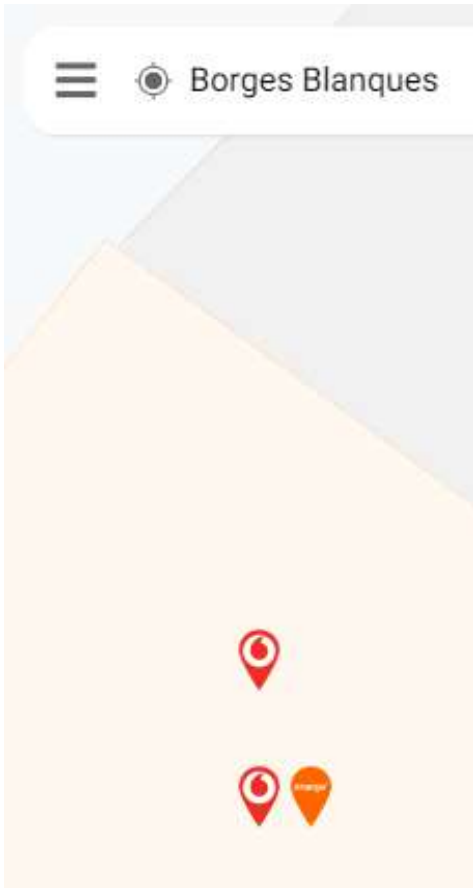
Comentaris:

No es troben deficiències significatives de servei de veu o dades dels operadors Movistar i Orange. Vodafone té una cobertura de dades deficient al 30% del poble (segons percentatge de velocitats inferiors a 1,2 Mbps).

No es té cap informació relativa a si hi ha o no fibra òptica al municipi.

Servei de Movistar, Vodafone i Orange provinent de municipis propers.





**VODAFONE ESPAÑA, S.A.**  
Estación: 24400  
Dirección: PZ RAMON ARQUES, 1. BORGES BLANQUES (LES), LLEIDA  
Posición: 41.521167 lat / 0.866389 lng  
Elevación: **Sólo PRO**

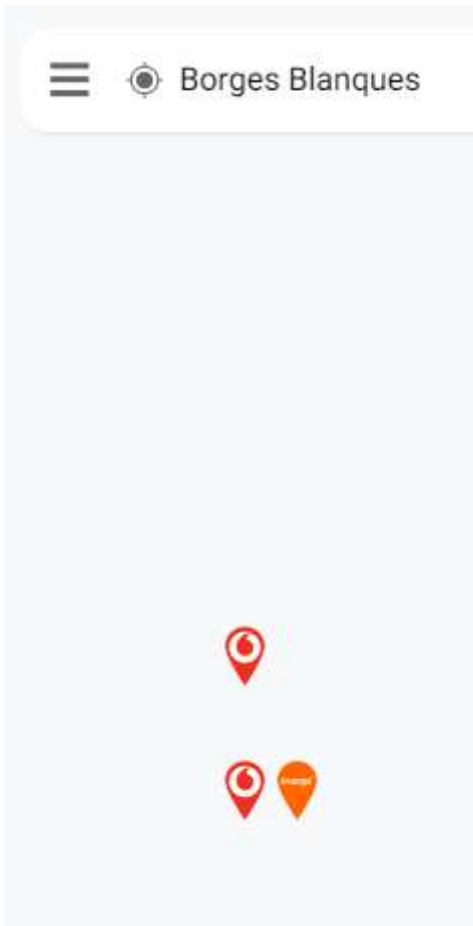
ID	BANDA	MODOS*
1	949.90 - 959.90	2G 3G

**VODAFONE ESPAÑA, S.A.**  
Estación: 024400  
Dirección: PZ RAMON ARQUES, 1. BORGES BLANQUES (LES), LLEIDA  
Posición: 41.521167 lat / 0.866389 lng  
Elevación: **Sólo PRO**

ID	BANDA	MODOS*
1	842.00 - 852.00	4G

**ORANGE ESPAGNE, S.A.U.**  
Estación: CATR5320A  
Dirección: PZ RAMON ARQUES, 1. BORGES BLANQUES (LES), LLEIDA  
Posición: 41.521167 lat / 0.866389 lng  
Elevación: **Sólo PRO**

ID	BANDA	MODOS*
1	1900.00 - 1905.00; 2125.00 - 2140.00	3G
1	832.00 - 842.00	4G
1	925.10 - 935.10	2G 3G
1	925.10 - 935.10	2G 3G



**VODAFONE ESPAÑA, S.A.**  
Estación: 79195  
Dirección: ZN Polígono 11 Parcela 64. BORGES BLANQUES (LES), LLEIDA  
Posición: 41.518667 lat / 0.876175 lng  
Elevación: **Sólo PRO**



ID	BANDA	MODOS*
1	842.00 - 852.00	4G

**VODAFONE ESPAÑA, S.A.**  
Estación: 079195  
Dirección: ZN POLÍGONO 11 PARCELA 64. BORGES BLANQUES (LES), LLEIDA  
Posición: 41.518667 lat / 0.876175 lng  
Elevación: **Sólo PRO**

ID	BANDA	MODOS*
1	949.90 - 959.90	2G 3G
1	949.90 - 959.90	2G 3G








**ORANGE ESPAGNE, S.A.U.**  
Estación: CATR5319A  
Dirección: ZN Polígono 11 Parcela 64. BORGES BLANQUES (LES), LLEIDA  
Posición: 41.518667 lat / 0.876175 lng  
Elevación: **Sólo PRO**

ID	BANDA	MODOS*
1	1900.00 - 1905.00; 2125.00 - 2140.00	3G
1	832.00 - 842.00	4G
1	925.10 - 935.10	2G 3G
1	925.10 - 935.10	2G 3G



Arbeca









### ORANGE ESPAGNE, S.A.U.

Estación: CATR5377A  
 Dirección: VP Polígono 16 Parcela 42. ARBECA, LLEIDA  
 Posición: 41.535311 lat / 0.920775 lng  
 Elevación: **Sólo PRO**

ID	BANDA	MODOS*
	1900.00 - 1905.00; 2125.00 - 2140.00	
	832.00 - 842.00	
	925.10 - 935.10	 

### VODAFONE ESPAÑA, S.A.

Estación: 84451  
 Dirección: ZN Polígono 16 Parcela 42. ARBECA, LLEIDA  
 Posición: 41.535311 lat / 0.920775 lng  
 Elevación: **Sólo PRO**

ID	BANDA	MODOS*
	842.00 - 852.00	
	949.90 - 959.90	 
	949.90 - 959.90	 



Arbeca

### TELEFONICA MOVILES ESPAÑA, S.A.U.

Estación: 2500195  
 Dirección: CL NOU, s/n. ARBECA, LLEIDA  
 Posición: 41.542417 lat / 0.921167 lng  
 Elevación: **Sólo PRO**

ID	BANDA	MODOS*
	1910.00 - 1915.00; 2155.00 - 2170.00	
	852.00 - 862.00	
	935.10 - 949.90	
	935.10 - 949.90	

# RantCell User QoE test report

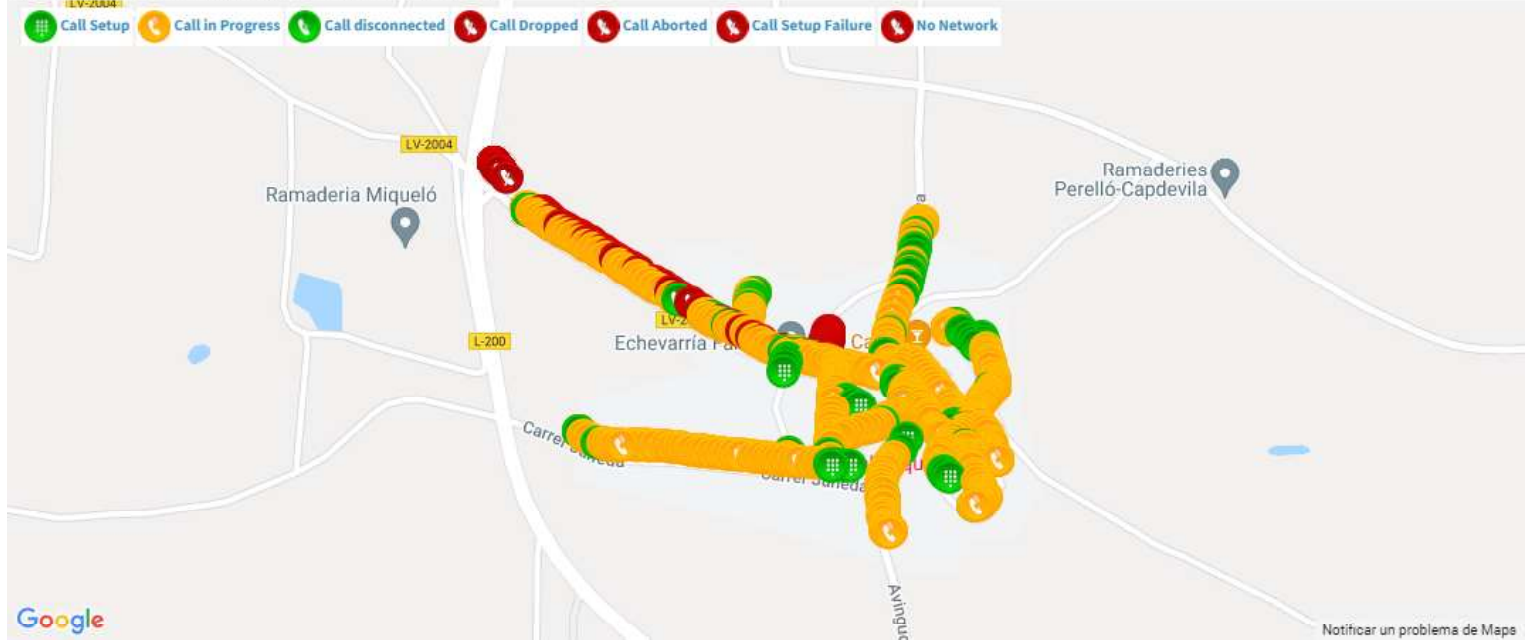


OperatorName	21407_Movistar
Test phone Model/Models	Samsung SM-A226B
Report Generation Time	Mar 24, 2022 12:33:11 PM
Test StartTime	Mar 24, 2022 9:46:17 AM
Test EndTime	Mar 24, 2022 10:05:45 AM
Voice Call Test	Yes

## Voice call test report

Call test view of mobile operators for 21407\_Movistar

### MOVISTAR SERVEI DE VEU, MAPA DE TRUCADES, PUIGGROS



Call test KPI statistics per mobile operator for 21407\_Movistar

Operators	21407
Total Calls Success	20
Total Calls Attempted	24
Total Calls Failed	4
Dropped Calls	0
Aborted Calls	0
CallSetup Failed	4
No Network	0
Attempted Voice call on 2G	0
Attempted Voice call on 3G	6
Attempted Voice call on 4G (VoLTE)	4
Successful CSFB call to 3G	14

# User perceived mobile network coverage during tests



mobile network coverage during tests for operators 21407\_Movistar



MOVISTAR SERVEI DE VEU, ACCÉS A XARXES DE L'OPERADOR, PUIGGROS



## RAN technology statistics per mobile network operator for 21407\_Movistar

Network Type	21407
5G	0.0000%
4G	21.3632%
3G	78.6368%
2G	0.0000%
CDMA	0.0000%
NONNETWORK	0.0000%
Total Geo samples	983

## RAN technology distribution chart per mobile network operator for 21407\_Movistar



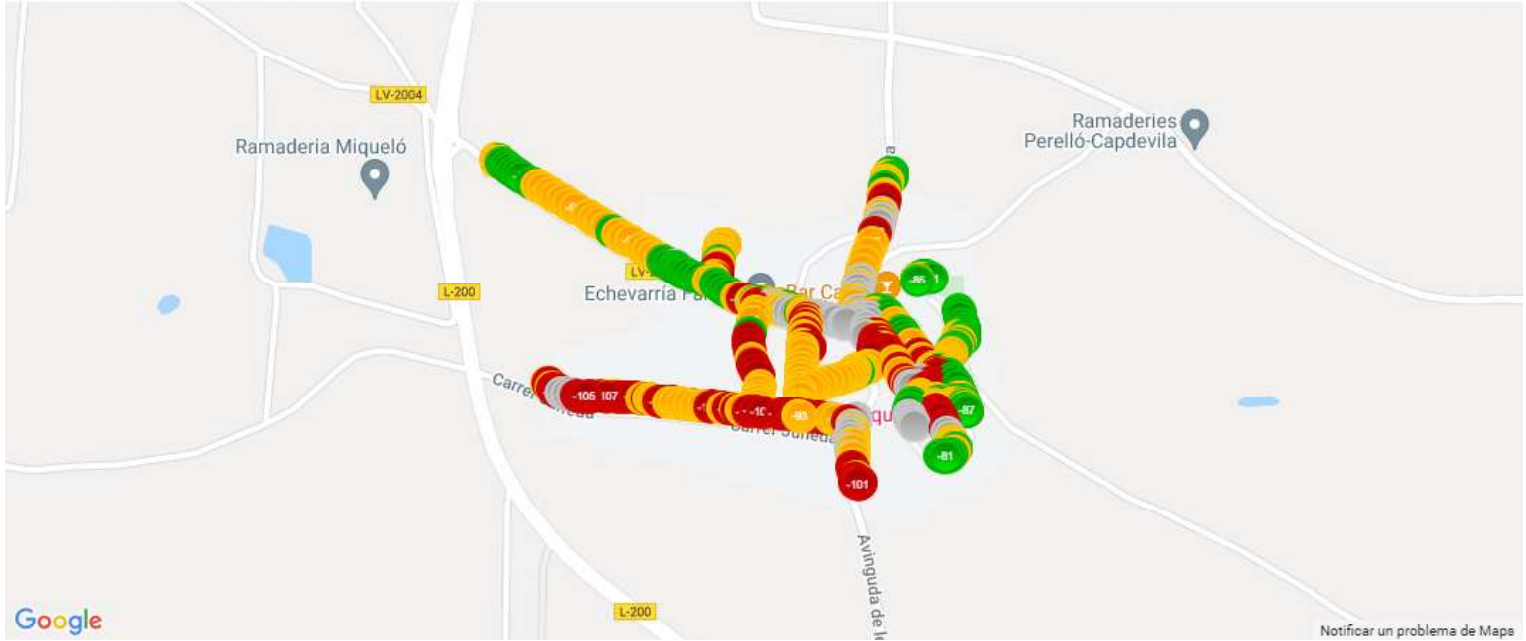


# RSSI view



RSSI KPI statistics per mobile operator for operator 21407\_Movistar

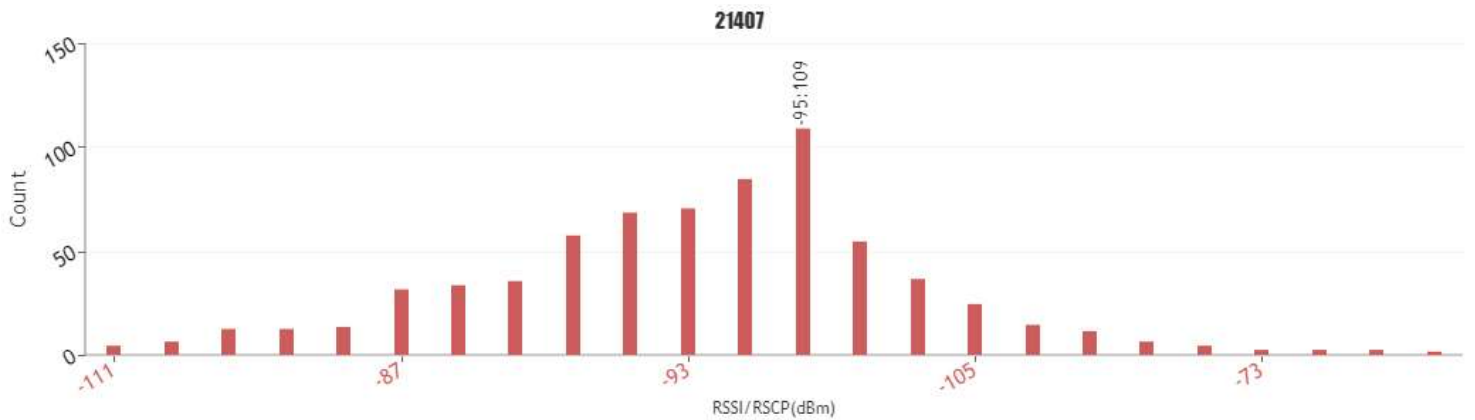
MOVISTAR SERVEI DE VEU, MAPA DE NIVELL DE SENYAL, PUIGGROS



RSSI KPI statistics per mobile operator for 21407\_Movistar

Operators	21407
>= -89dBm	20.1964 % (count: 144)
B/w -99dBm to -90dBm	48.1066 % (count: 343)
B/w -112dBm to -100dBm	19.7756 % (count: 141)
<= -113dBm	11.9215 % (count: 85)
Total Geo samples	713

RSSI distribution chart per mobile operator for 21407\_Movistar



# RantCell User QoE test report



OperatorName	21407_Movistar
Test phone Model/Models	Samsung SM-A226B
Report Generation Time	Mar 24, 2022 12:54:06 PM
Test StartTime	Mar 24, 2022 9:46:35 AM
Test EndTime	Mar 24, 2022 10:04:59 AM
Download Speed Test	Yes

## Download speed test report

Download speed test view for 21407\_Movistar



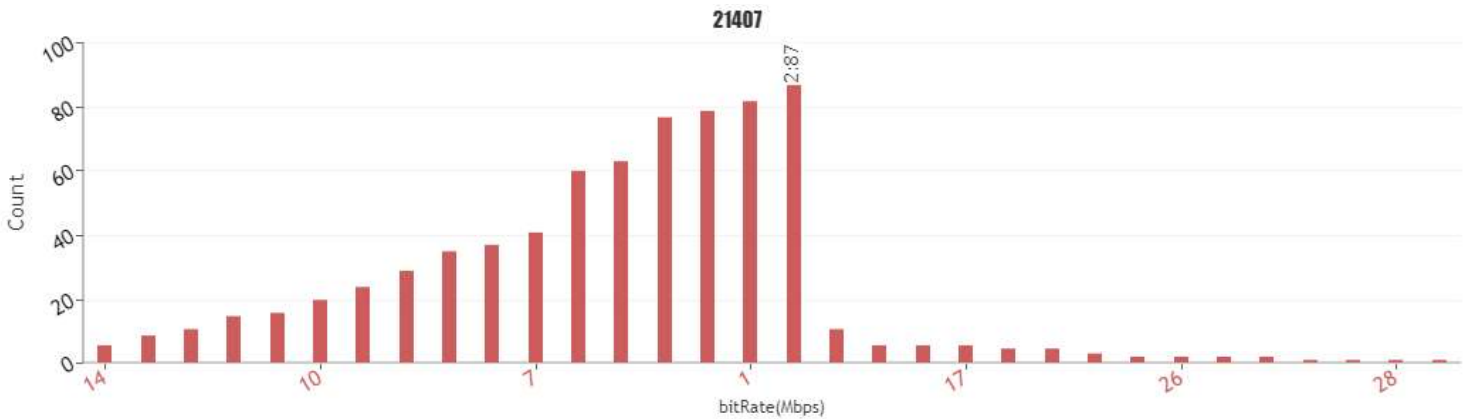
### MOVISTAR SERVEI DE DADES, MAPA DE VELOCITATS DE DESCÀRREGA, PUIGGROS



### Download test KPI statistics per mobile operator for 21407\_Movistar

Operators	21407
above 1.2Mbps	88.7248 % (count : 661)
0.4Mbps - 1.2Mbps	7.2483 % (count : 54)
0Mbps - 0.4Mbps	4.0268 % (count : 30)
Average (mbps)	6.40
Peak Speed (mbps)	34.71
Lowest Recorded (mbps)	0
Total Geo samples	745

### Download test distribution chart per mobile operators for 21407\_Movistar



# User perceived mobile network coverage during tests



mobile network coverage during tests for operators 21407\_Movistar



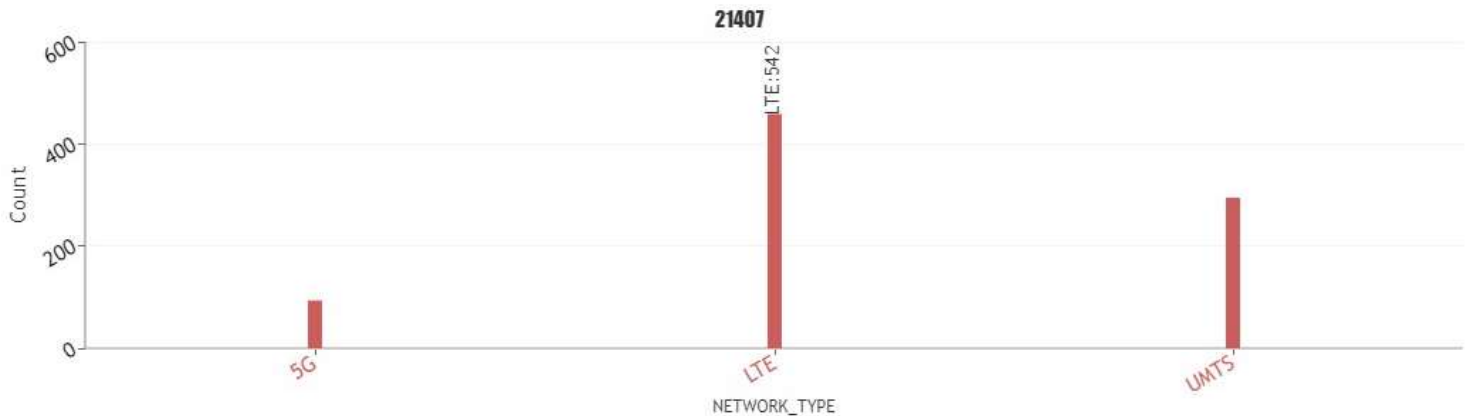
MOVISTAR SERVEI DE DADES, ACCÉS A XARXES DE L'OPERADOR, PUIGGROS



RAN technology statistics per mobile network operator for 21407\_Movistar

Network Type	21407
5G	10.0858%
4G	58.1545%
3G	31.7597%
2G	0.0000%
CDMA	0.0000%
NONNETWORK	0.0000%
Total Geo samples	932

RAN technology distribution chart per mobile network operator for 21407\_Movistar



# RSSI view



RSSI KPI statistics per mobile operator for operator 21407\_Movistar

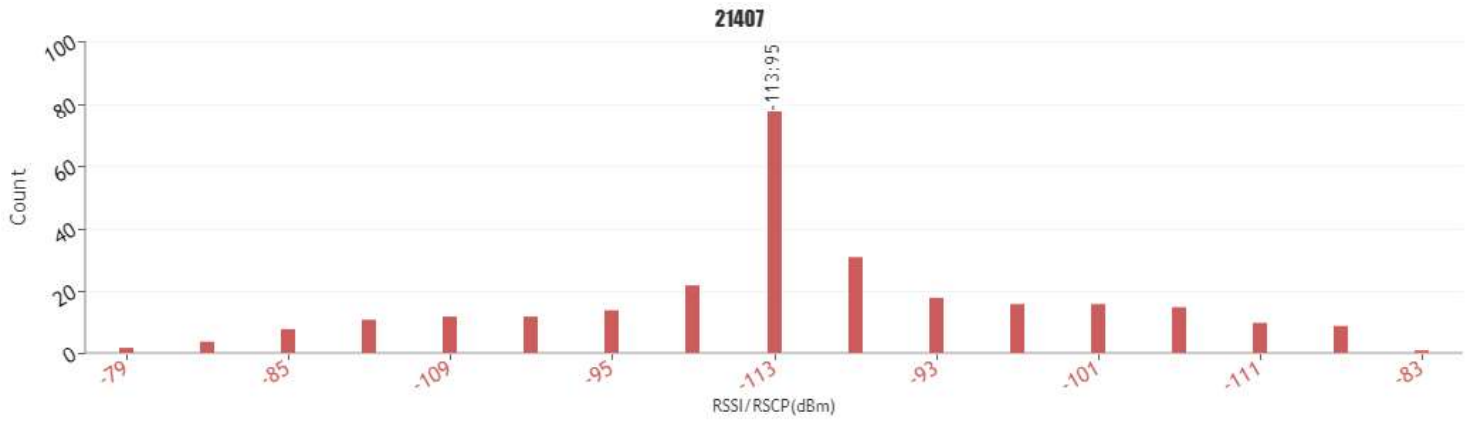
MOVISTAR SERVEI DE DADES, MAPA DE NIVELL DE SENYAL, PUIGGROS



RSSI KPI statistics per mobile operator for 21407\_Movistar

Operators	21407
>= -89dBm	8.7838 % (count : 26)
B/w -99dBm to -90dBm	33.7838 % (count : 100)
B/w -112dBm to -100dBm	25.3378 % (count : 75)
<= -113dBm	32.0946 % (count : 95)
Total Geo samples	296

RSSI distribution chart per mobile operator for 21407\_Movistar



# RantCell User QoE test report



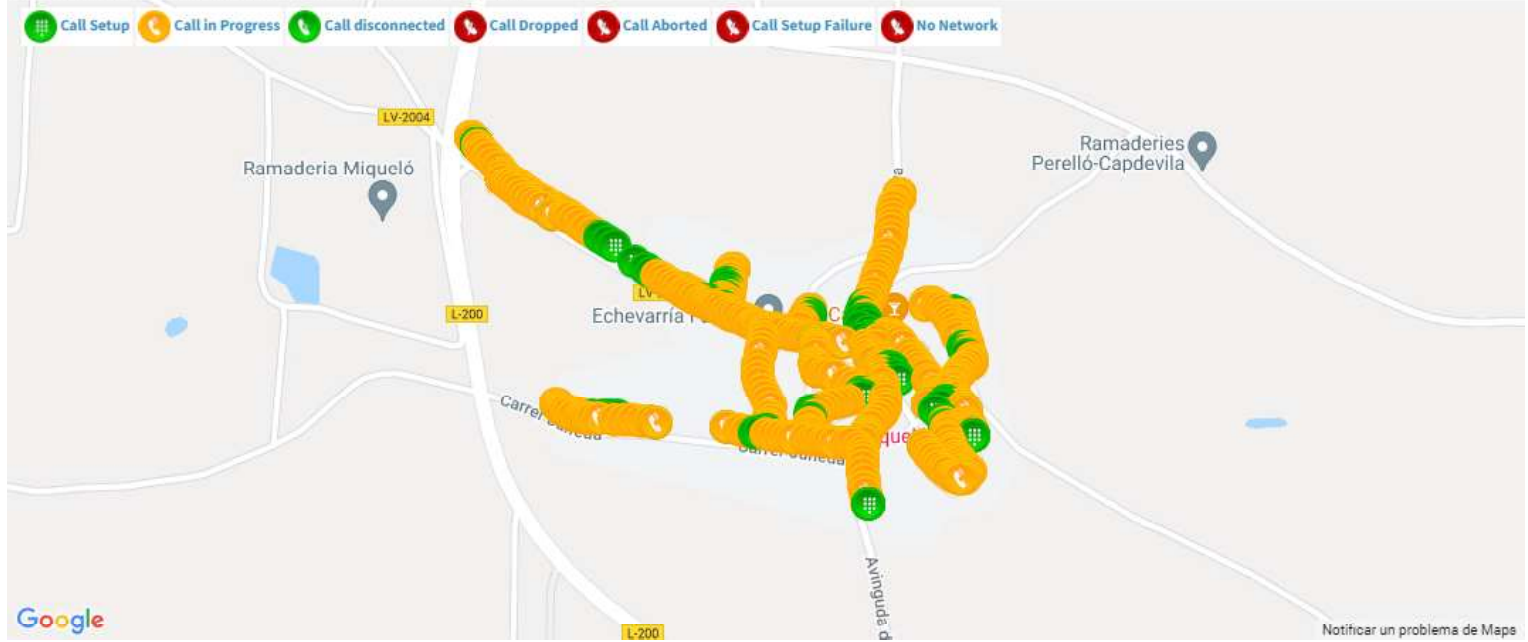
OperatorName	21401_vodafone ES
Test phone Model/Models	Samsung SM-A226B
Report Generation Time	Mar 24, 2022 1:11:48 PM
Test StartTime	Mar 24, 2022 9:45:42 AM
Test EndTime	Mar 24, 2022 10:05:38 AM
Voice Call Test	Yes



## Voice call test report

Call test view of mobile operators for 21401\_vodafone ES

### VODAFONE SERVEI DE VEU, MAPA DE TRUCADES, PUIGGROS



Call test KPI statistics per mobile operator for 21401\_vodafone ES

Operators	21401
Total Calls Success	22
Total Calls Attempted	23
Total Calls Failed	1
Dropped Calls	0
Aborted Calls	0
CallSetup Failed	1
No Network <a href="#">?</a>	0
Attempted Voice call on 2G <a href="#">?</a>	0
Attempted Voice call on 3G <a href="#">?</a>	7
Successful CSFB call to 2G <a href="#">?</a>	1
Successful CSFB call to 3G <a href="#">?</a>	14
Not Determined(Voice CallType) <a href="#">?</a>	1

# User perceived mobile network coverage during tests



mobile network coverage during tests for operators 21401\_vodafone ES



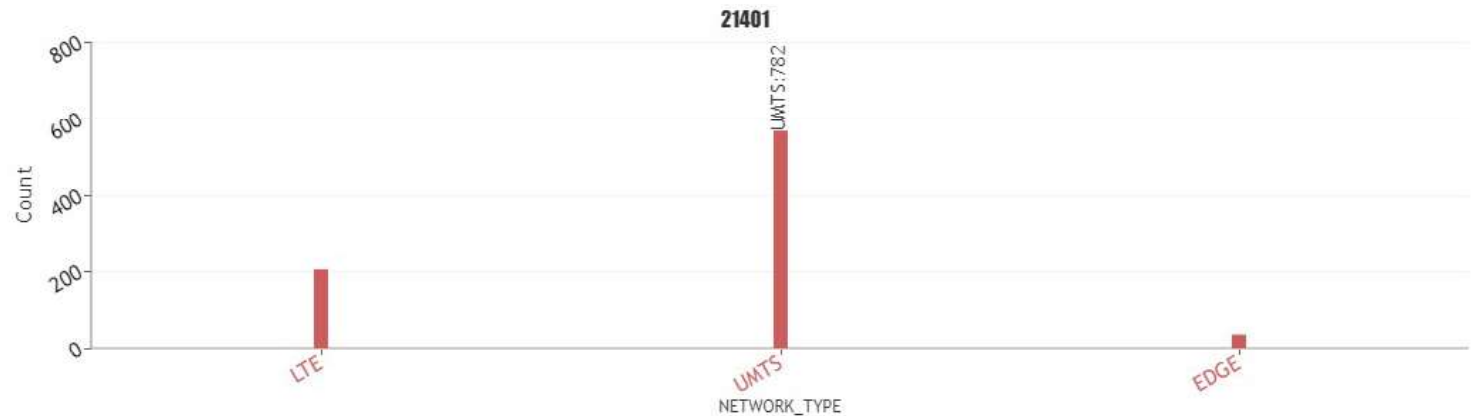
VODAFONE SERVEI DE VEU, ACCÉS A XARXES DE L'OPERADOR, PUIGGROS



## RAN technology statistics per mobile network operator for 21401\_vodafone ES

Network Type	21401
5G	0.0000%
4G	20.0976%
3G	76.2927%
2G	3.6098%
CDMA	0.0000%
NONNETWORK	0.0000%
Total Geo samples	1025

## RAN technology distribution chart per mobile network operator for 21401\_vodafone ES



# RSSI view



RSSI KPI statistics per mobile operator for operator 21401\_vodafone ES

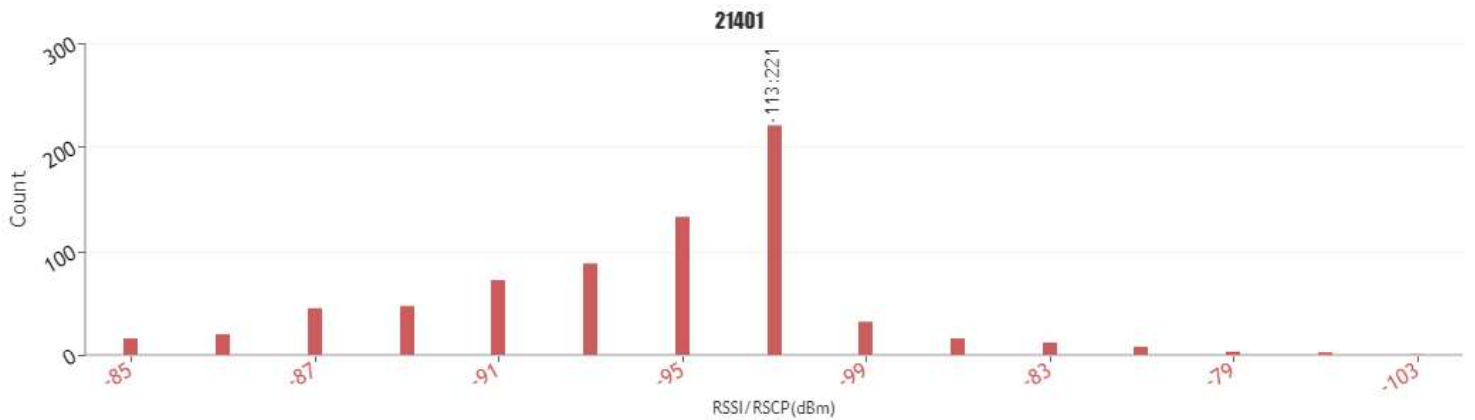
VODAFONE SERVEI DE VEU, MAPA DE NIVELL DE SENYAL, PUIGGROS



RSSI KPI statistics per mobile operator for 21401\_vodafone ES

Operators	21401
>= -89dBm	20.3018 % (count: 148)
B/w -99dBm to -90dBm	48.0110 % (count: 350)
B/w -112dBm to -100dBm	1.3717 % (count: 10)
<= -113dBm	30.3155 % (count: 221)
Total Geo samples	729

RSSI distribution chart per mobile operator for 21401\_vodafone ES



# RantCell User QoE test report



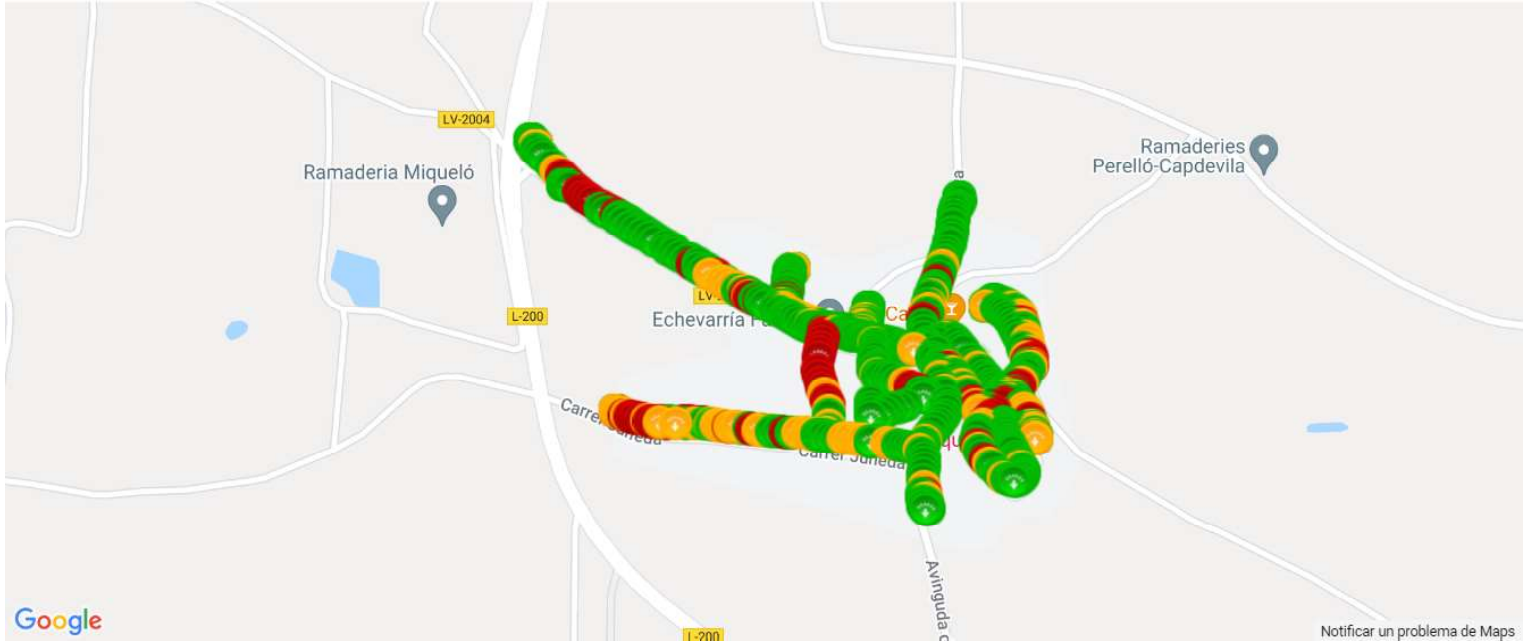
OperatorName	21401_vodafone ES
Test phone Model/Models	Samsung SM-A226B
Report Generation Time	Mar 25, 2022 1:11:19 PM
Test StartTime	Mar 24, 2022 9:46:26 AM
Test EndTime	Mar 24, 2022 10:05:56 AM
Download Speed Test	Yes

## Download speed test report

Download speed test view for 21401\_vodafone ES



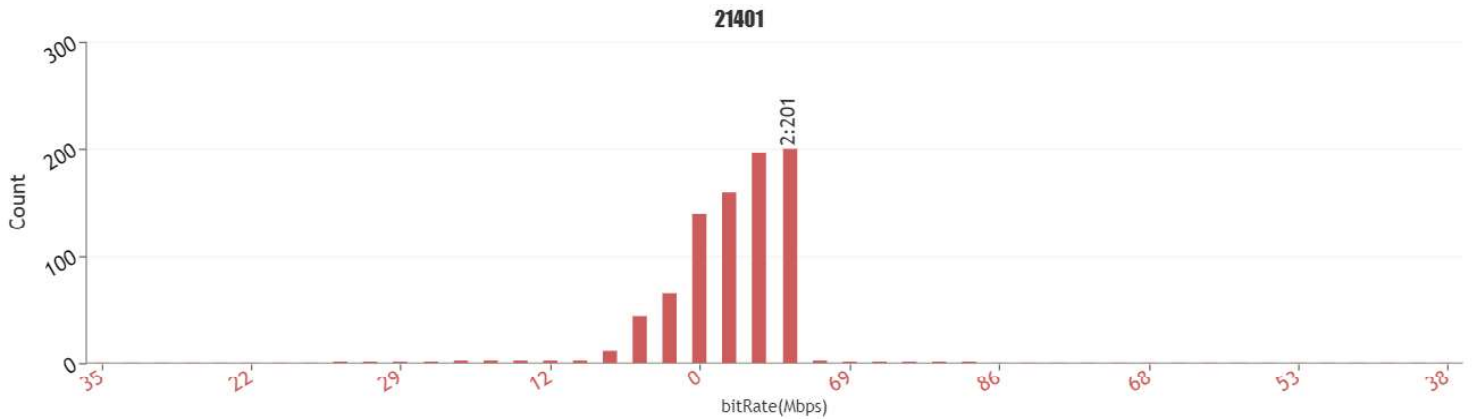
### VODAFONE SERVEI DE DADES, MAPA DE VELOCITATS DE DESCÀRREGA, PUIGGROS



### Download test KPI statistics per mobile operator for 21401\_vodafone ES

Operators	21401
above 1.2Mbps	69.0909 % (count : 608)
0.4Mbps - 1.2Mbps	16.1364 % (count : 142)
0Mbps - 0.4Mbps	14.7727 % (count : 130)
Average (mbps)	4.28
Peak Speed (mbps)	85.99
Lowest Recorded (mbps)	0
Total Geo samples	880

### Download test distribution chart per mobile operators for 21401\_vodafone ES



# User perceived mobile network coverage during tests



mobile network coverage during tests for operators 21401\_vodafone ES



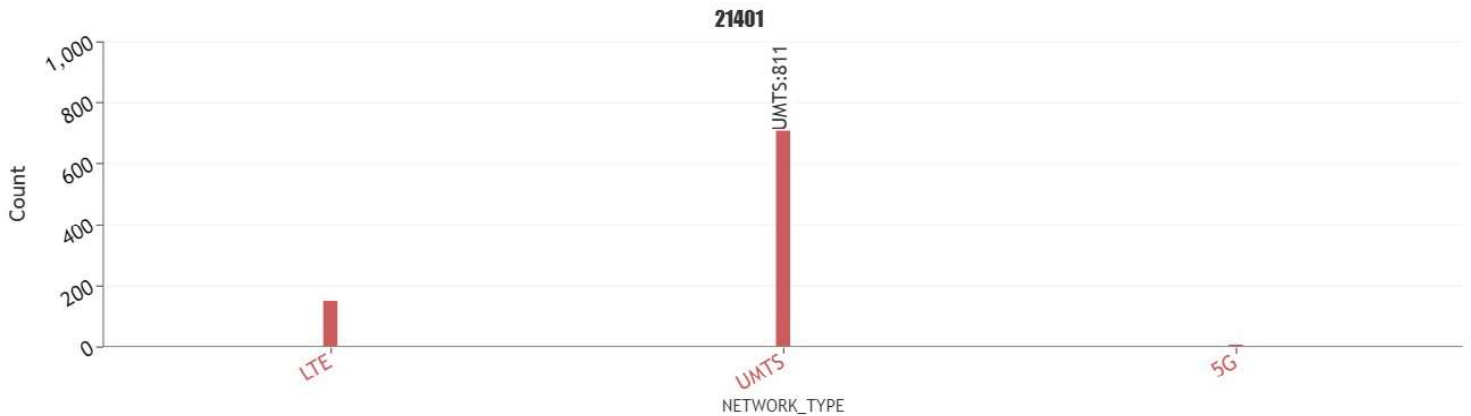
VODAFONE SERVEI DE DADES, ACCÉS A XARXES DE L'OPERADOR, PUIGGROS



## RAN technology statistics per mobile network operator for 21401\_vodafone ES

Network Type	21401
5G	0.8247%
4G	15.5670%
3G	83.6082%
2G	0.0000%
CDMA	0.0000%
NONNETWORK	0.0000%
Total Geo samples	970

## RAN technology distribution chart per mobile network operator for 21401\_vodafone ES





## RSRP view

RSRP KPI statistics per mobile operator for operator 21401\_vodafone ES

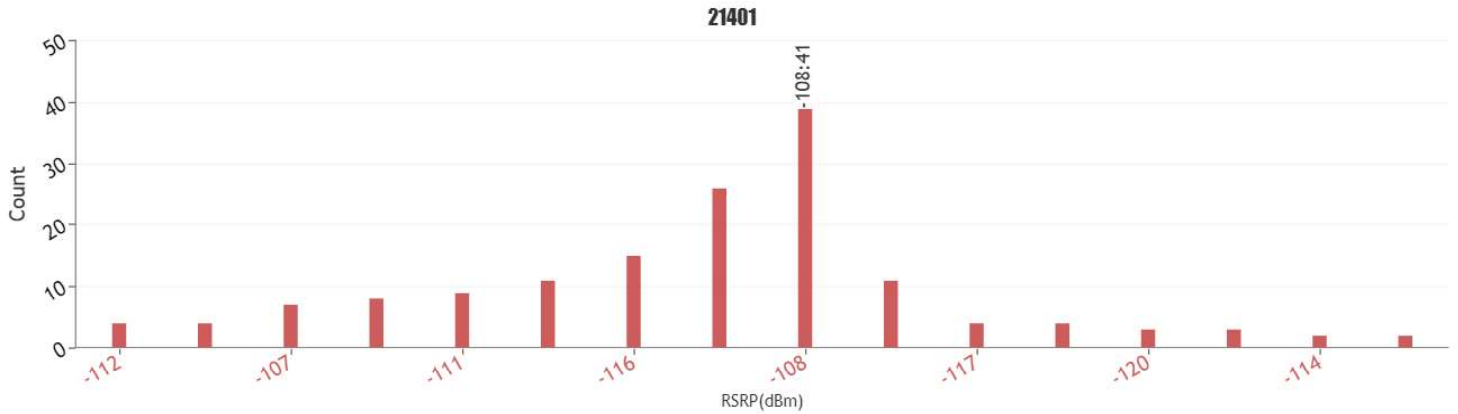
VODAFONE SERVEI DE DADES, MAPA DE NIVELL DE SENYAL 4G, PUIGGROS



RSRP KPI statistics per mobile operator for 21401\_vodafone ES

Operators	21401
<b>&gt;= to -89dBm</b>	0 % (count : 0)
<b>B/w -99dBm to -90dBm</b>	0 % (count : 0)
<b>B/w -112dBm to -100dBm</b>	64.9351 % (count : 100)
<b>&lt;= -113dBm</b>	35.0649 % (count : 54)
Total Geo samples	154

RSRP distribution chart per mobile operator for 21401\_vodafone ES

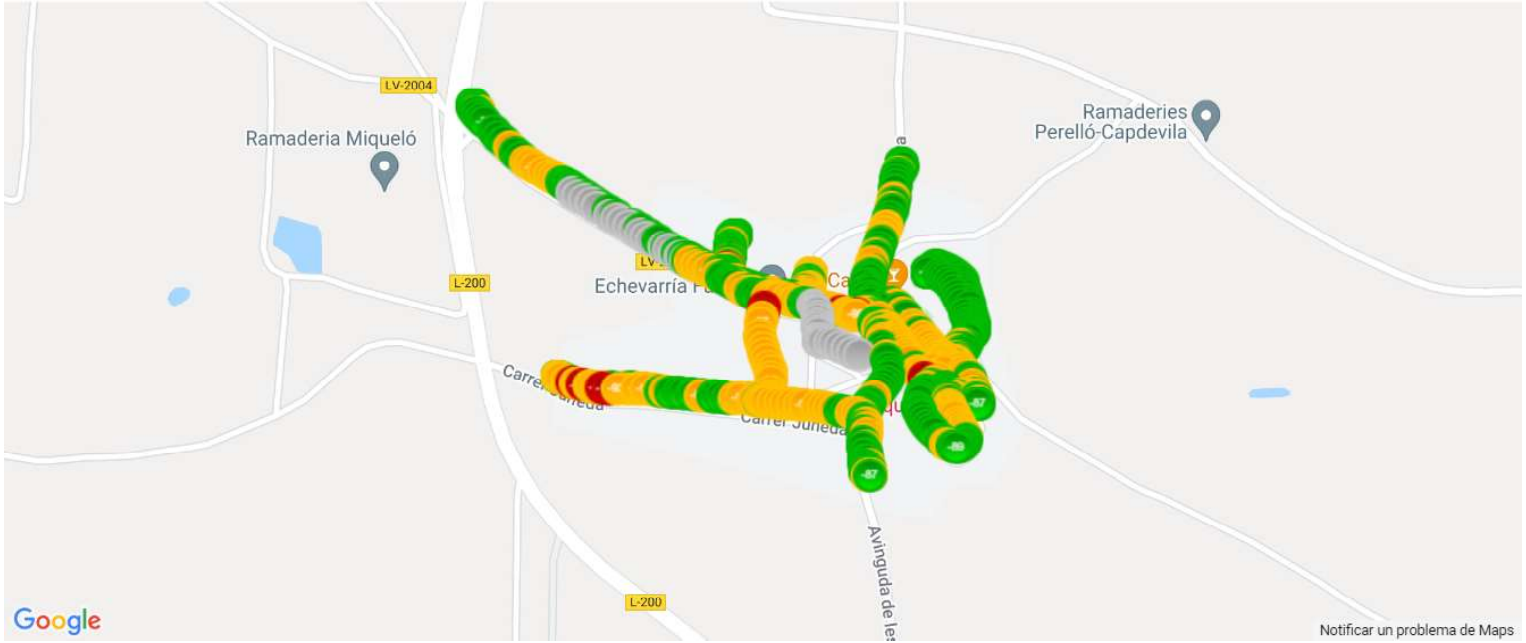


# RSSI view



RSSI KPI statistics per mobile operator for operator 21401\_vodafone ES

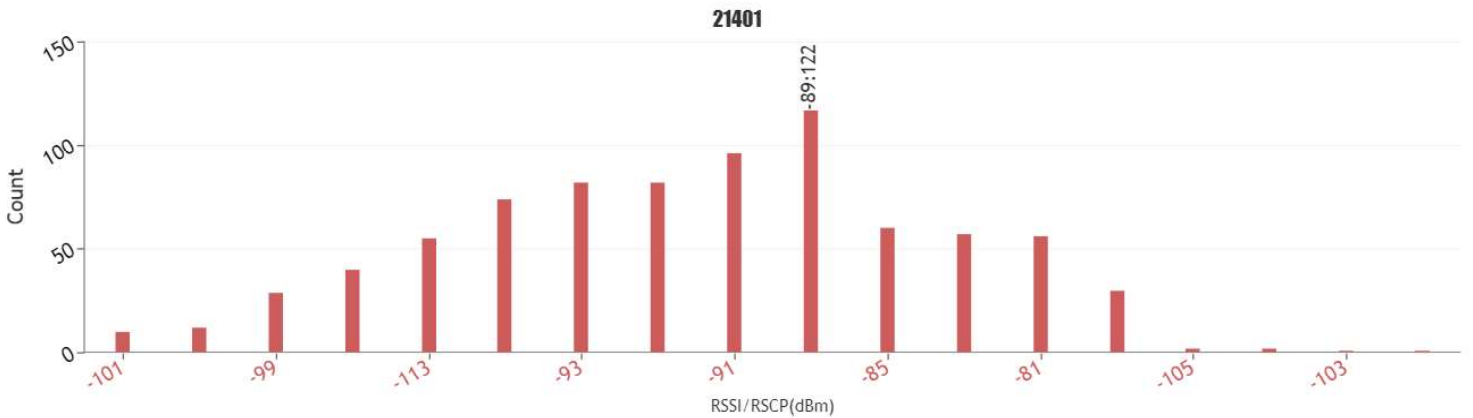
VODAFONE SERVEI DE DADES, MAPA DE NIVELL DE SENYAL 3G, PUIGGROS



RSSI KPI statistics per mobile operator for 21401\_vodafone ES

Operators	21401
<b>&gt;= -89dBm</b>	52.0345 % (count : 422)
<b>B/w -99dBm to -90dBm</b>	39.5808 % (count : 321)
<b>B/w -112dBm to -100dBm</b>	1.6030 % (count : 13)
<b>&lt; -113dBm</b>	6.7818 % (count : 55)
Total Geo samples	811

RSSI distribution chart per mobile operator for 21401\_vodafone ES



# RantCell User QoE test report

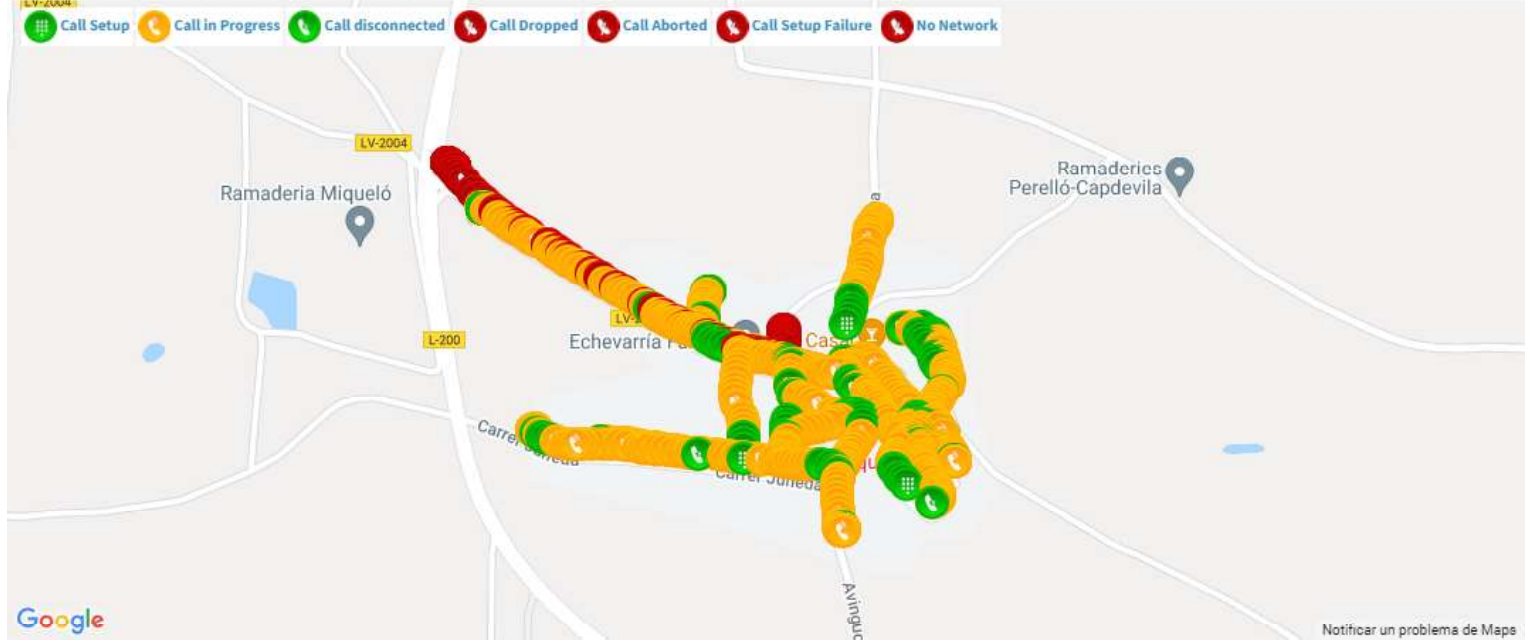


OperatorName	21403_Orange
Test phone Model/Models	Samsung SM-A226B
Report Generation Time	Mar 24, 2022 12:59:36 PM
Test StartTime	Mar 24, 2022 9:46:21 AM
Test EndTime	Mar 24, 2022 10:05:30 AM
Voice Call Test	Yes

## Voice call test report

Call test view of mobile operators for 21403\_Orange

### ORANGE SERVEI DE VEU, MAPA DE TRUCADES, PUIGGROS



Call test KPI statistics per mobile operator for 21403\_Orange

Operators	21403
Total Calls Success	20
Total Calls Attempted	24
Total Calls Failed	4
Dropped Calls	0
Aborted Calls	0
CallSetup Failed	4
No Network <a href="#">?</a>	0
Attempted Voice call on 2G <a href="#">?</a>	0
Attempted Voice call on 3G <a href="#">?</a>	2
Attempted Voice call on 4G (VoLTE) <a href="#">?</a>	4
Successful CSFB call to 3G <a href="#">?</a>	18

# User perceived mobile network coverage during tests



mobile network coverage during tests for operators 21403\_Orange



ORANGE SERVEI DE VEU, ACCÉS A XARXES DE L'OPERADOR, PUIGGROS



## RAN technology statistics per mobile network operator for 21403\_Orange

Network Type	21403
5G	0.0000%
4G	25.2049%
3G	74.7951%
2G	0.0000%
CDMA	0.0000%
NONNETWORK	0.0000%
Total Geo samples	976

## RAN technology distribution chart per mobile network operator for 21403\_Orange

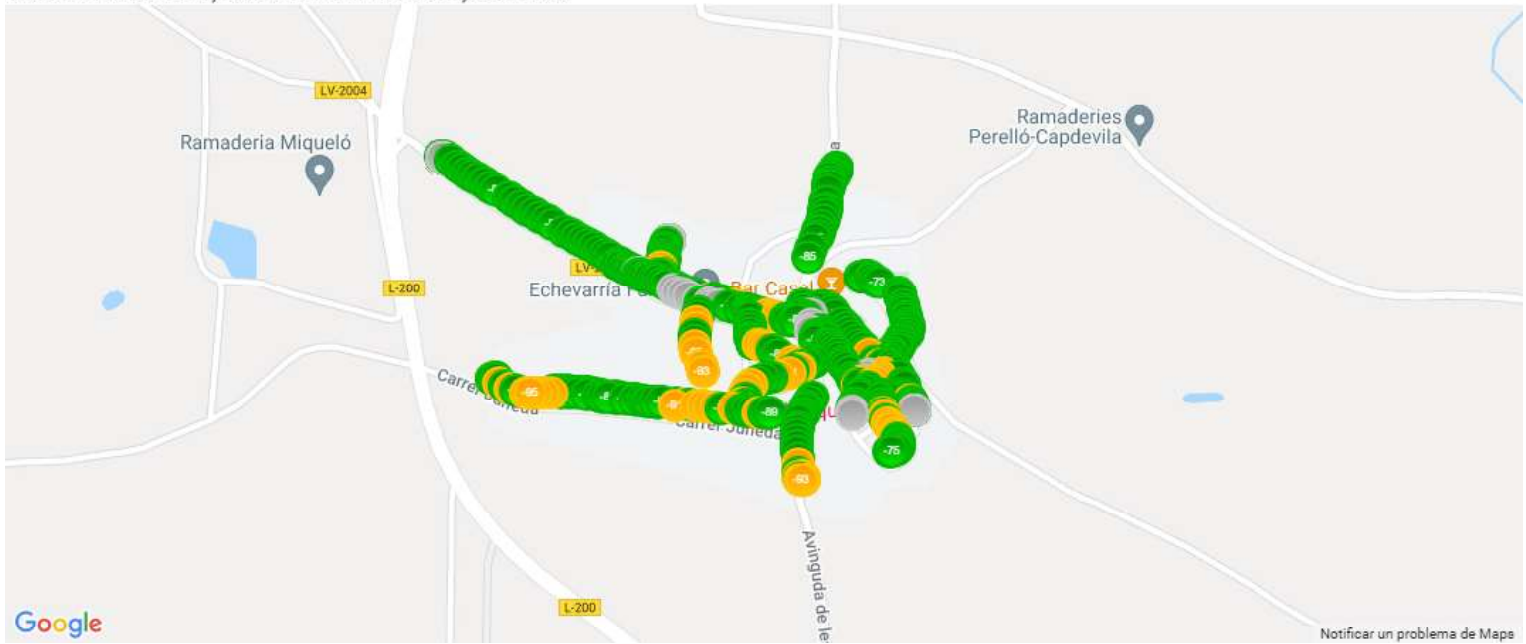


# RSSI view



RSSI KPI statistics per mobile operator for operator 21403\_Orange

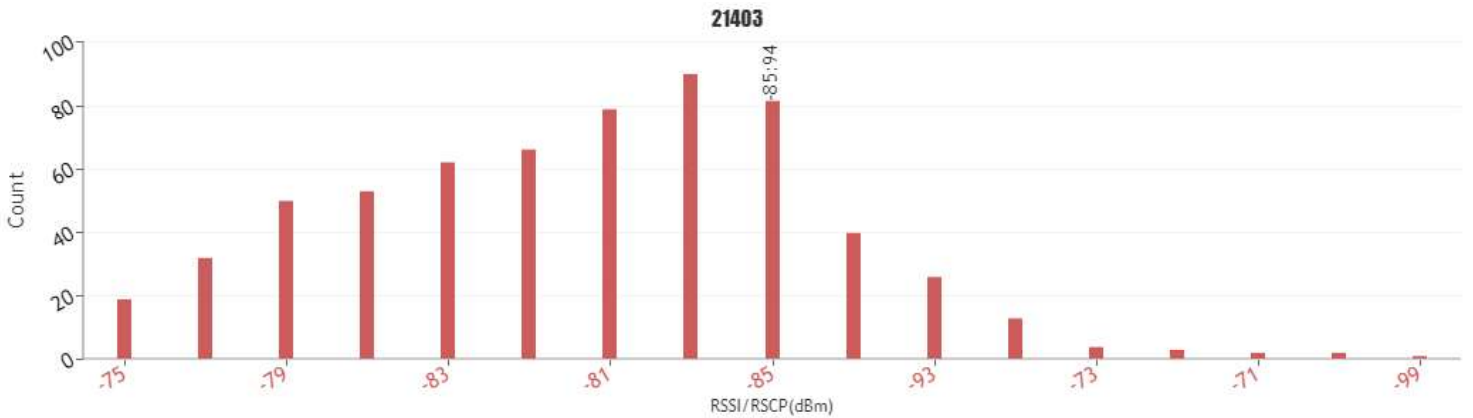
ORANGE SERVEI DE VEU, MAPA DE NIVELL DE SENYAL, PUIGGROS



RSSI KPI statistics per mobile operator for 21403\_Orange

Operators	21403
>= -89dBm	81.9182 % (count: 521)
B/w -99dBm to -90dBm	13.0503 % (count: 83)
B/w -112dBm to -100dBm	0 % (count: 0)
<= -113dBm	5.0314 % (count: 32)
Total Geo samples	636

RSSI distribution chart per mobile operator for 21403\_Orange





# RantCell User QoE test report



OperatorName	21403_Orange
Test phone Model/Models	Samsung SM-A226B
Report Generation Time	Mar 24, 2022 1:07:24 PM
Test StartTime	Mar 24, 2022 9:46:30 AM
Test EndTime	Mar 24, 2022 10:04:57 AM
Download Speed Test	Yes

## Download speed test report

Download speed test view for 21403\_Orange



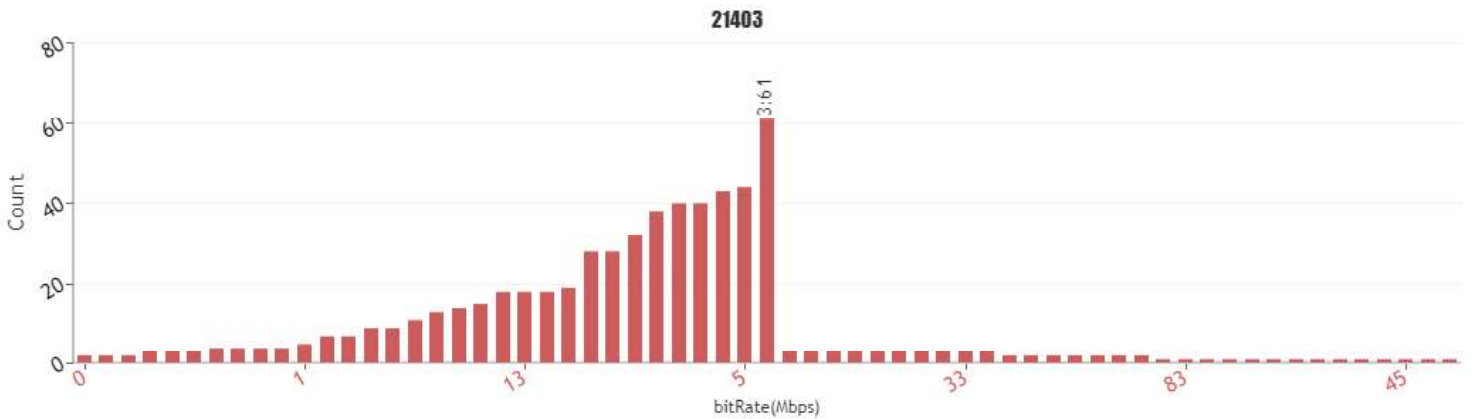
ORANGE SERVEI DE DADES, MAPA DE VELOCITATS DE DESCÀRREGA, PUIGGROS



### Download test KPI statistics per mobile operator for 21403\_Orange

Operators	21403
above 1.2Mbps	99.5050 % (count : 603)
0.4Mbps - 1.2Mbps	0.1650 % (count : 1)
0Mbps - 0.4Mbps	0.3300 % (count : 2)
Average (mbps)	13.10
Peak Speed (mbps)	88.88
Lowest Recorded (mbps)	0.29
Total Geo samples	606

### Download test distribution chart per mobile operators for 21403\_Orange



# User perceived mobile network coverage during tests

mobile network coverage during tests for operators 21403\_Orange



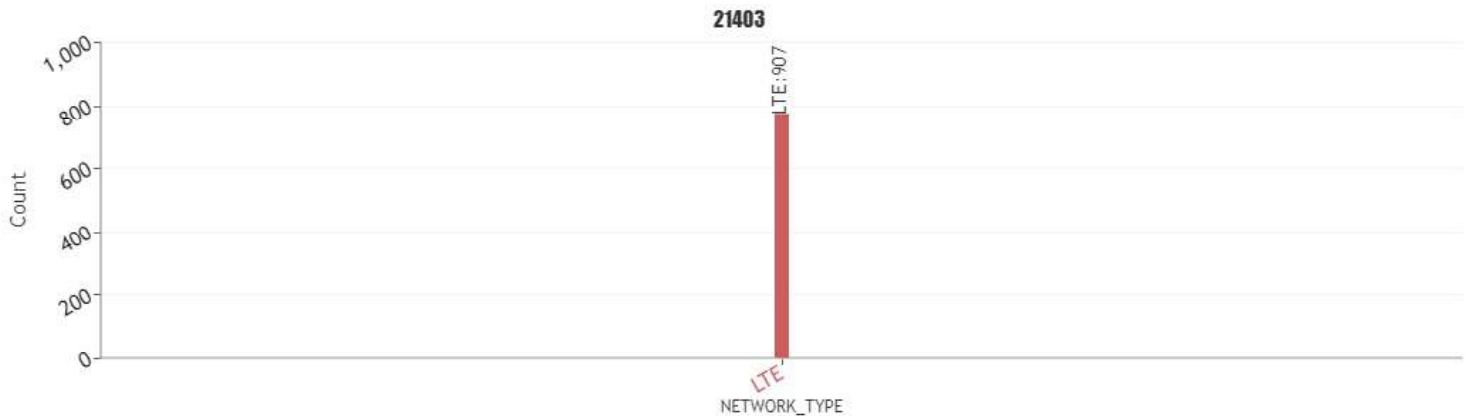
ORANGE SERVEI DE DADES, ACCÉS A XARXES DE L'OPERADOR, PUIGGROS



## RAN technology statistics per mobile network operator for 21403\_Orange

Network Type	21403
5G	0.0000%
4G	100.0000%
3G	0.0000%
2G	0.0000%
CDMA	0.0000%
NONNETWORK	0.0000%
Total Geo samples	907

## RAN technology distribution chart per mobile network operator for 21403\_Orange



## RSRP view

RSRP KPI statistics per mobile operator for operator 21403\_Orange

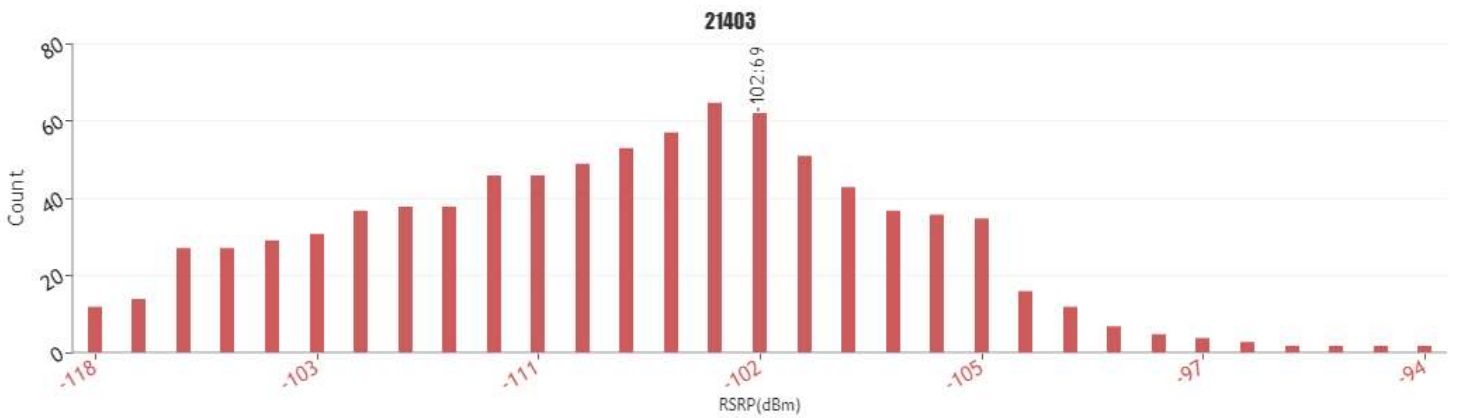
ORANGE SERVEI DE DADES, MAPA DE NIVELL DE SENYAL, PUIGGROS



RSRP KPI statistics per mobile operator for 21403\_Orange

Operators	21403
>= to -89dBm	0 % (count : 0)
B/w -99dBm to -90dBm	4.3575 % (count : 39)
B/w -112dBm to -100dBm	62.5698 % (count : 560)
<= -113dBm	33.0726 % (count : 296)
Total Geo samples	895

RSRP distribution chart per mobile operator for 21403\_Orange



## TARRÉS: RESUM MESURES

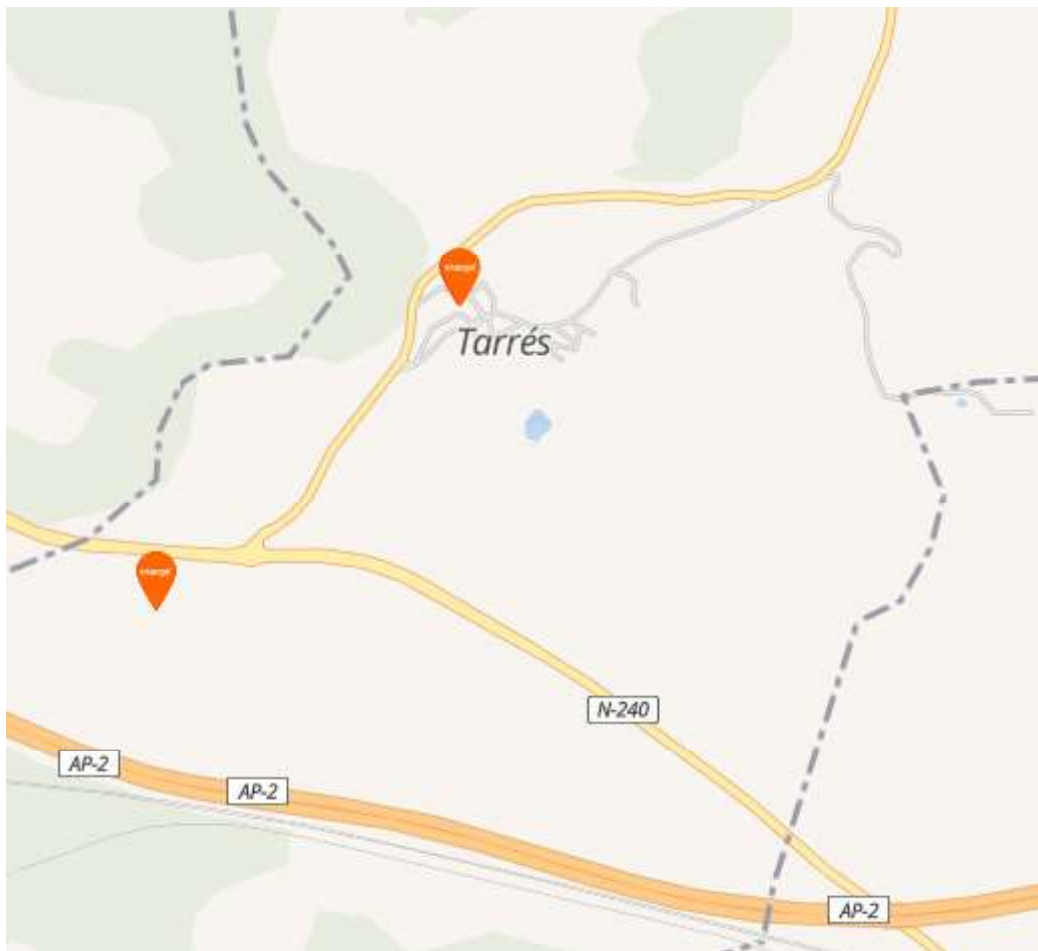
OPERADOR	SERVEI DE VEU	SERVEI DE DADES
MOVISTAR	ACCEPTABLE 80% (3G)	CORRECTE (3G)
VODAFONE	CORRECTE (3G)	CORRECTE (5G)
ORANGE	CORRECTE (3G)	CORRECTE (4G)

Comentaris:

No es troben deficiències significatives de servei de veu o dades dels operadors Orange i Vodafone. Movistar té una cobertura de veu deficient al 20% del poble (segons percentatge de trucades fallades).

Disposaran de fibra de Adamo.

Servei de Orange i Vodafone a la zona del dipòsit. Servei de Movistar provinent de municipis propers.





Tarrés

### VODAFONE ESPAÑA, S.A.

Estación: 102077

Dirección: VP POLÍGONO 1 PARCELA 199.  
TARRÉS, LLEIDA

Posición: 41.423722 lat / 1.0185 lng

Elevación: **Sólo PRO**

ID	BANDA	MODOS*
1	842.00 - 852.00	4G
1	949.90 - 959.90	2G 3G

### ORANGE ESPAGNE, S.A.U.

Estación: CATR5666A

Dirección: ZN POLÍGONO 1 PARCELA 199.  
TARRÉS, LLEIDA

Posición: 41.423722 lat / 1.0185 lng

Elevación: **Sólo PRO**

ID	BANDA	MODOS*
1	832.00 - 842.00	4G
1	925.10 - 935.10	2G 3G
1	925.10 - 935.10	2G 3G



Tarrés

### VODAFONE ESPAÑA, S.A.

Estación: 000553

Dirección: ZN Polígono 4 Parcela 18. TARRÉS,  
LLEIDA

Posición: 41.417331 lat / 1.010033 lng

Elevación: **Sólo PRO**

ID	BANDA	MODOS*
1	842.00 - 852.00	4G
1	949.90 - 959.90	2G 3G
1	949.90 - 959.90	2G 3G

### VODAFONE ESPAÑA, S.A.

Estación: 00553

Dirección: CR N-240 Km 50.6, Tarres-Vinaixa.,  
TARRÉS, LLEIDA

Posición: 41.417331 lat / 1.010033 lng

Elevación: **Sólo PRO**

ID	BANDA	MODOS*
1	949.90 - 959.90	2G 3G

### ORANGE ESPAGNE, S.A.U.

Estación: CATR5665A

Dirección: ZN Polígono 4 Parcela 18. TARRÉS,  
LLEIDA

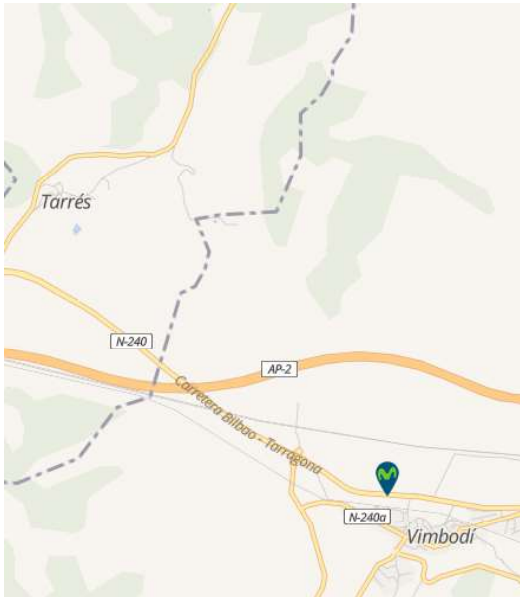
Posición: 41.417331 lat / 1.010033 lng

Elevación: **Sólo PRO**

ID	BANDA	MODOS*
1	832.00 - 842.00	4G
1	925.10 - 935.10	2G 3G
1	925.10 - 935.10	2G 3G







### TELEFONICA MOVILES ESPAÑA, S.A.U.

Estación: 4300169

Dirección: VP Major, S/N. VIMBODÍ I POBLET,  
TARRAGONA

Posición: 41.404497 lat / 1.047264 lng

Elevación: **Sólo PRO**

ID	BANDA	MODOS*
1	1805.10 - 1825.10	4G
1	1910.00 - 1915.00; 2155.00 - 2170.00	3G
1	852.00 - 862.00	4G
1	935.10 - 949.90	2G
1	935.10 - 949.90	2G

# RantCell User QoE test report



OperatorName	21407_Movistar
Test phone Model/Models	Samsung SM-A226B
Report Generation Time	Mar 23, 2022 12:34:44 PM
Test StartTime	Mar 21, 2022 2:10:05 PM
Test EndTime	Mar 21, 2022 2:23:16 PM
Voice Call Test	Yes

## Voice call test report



Call test view of mobile operators for 21407\_Movistar

### MOVISTAR SERVEI DE VEU, MAPA DE TRUCADES, TARRÉS



Call test KPI statistics per mobile operator for 21407\_Movistar

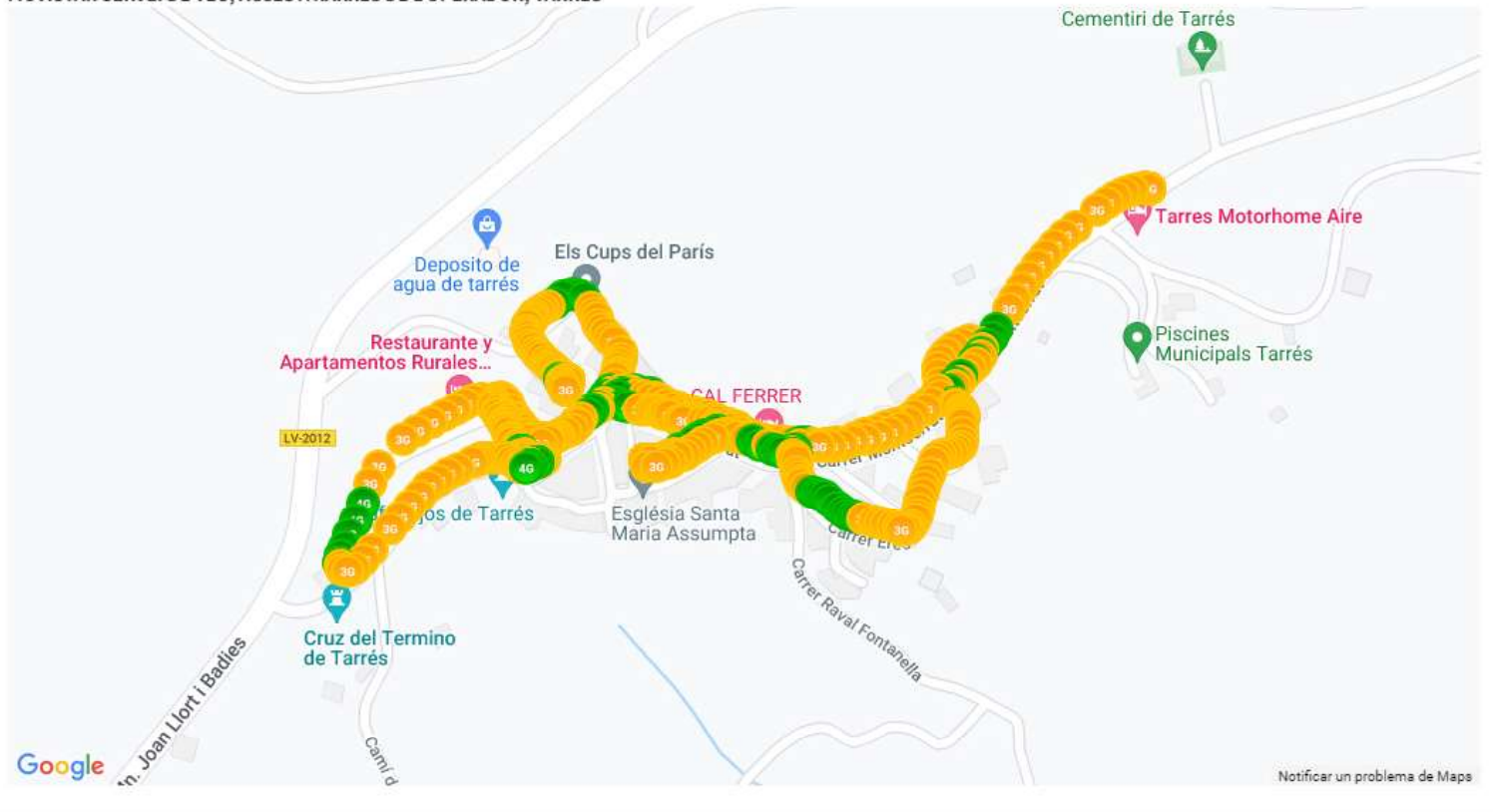
Operators	21407
Total Calls Success	15
Total Calls Attempted	18
Total Calls Failed	3
Dropped Calls	2
Aborted Calls	0
CallSetup Failed	1
No Network <a href="#">?</a>	0
Attempted Voice call on 2G <a href="#">?</a>	0
Attempted Voice call on 3G <a href="#">?</a>	5
Successful CSFB call to 3G <a href="#">?</a>	12
Not Determined(Voice CallType) <a href="#">?</a>	1

# User perceived mobile network coverage during tests



mobile network coverage during tests for operators 21407\_Movistar

MOVISTAR SERVEI DE VEU, ACCÉS A XARXES DE L'OPERADOR, TARRÉS



RAN technology statistics per mobile network operator for 21407\_Movistar

Network Type	21407
5G	0.0000%
4G	15.6977%
3G	84.3023%
2G	0.0000%
CDMA	0.0000%
NONNETWORK	0.0000%
Total Geo samples	688

RAN technology distribution chart per mobile network operator for 21407\_Movistar



## RSSI view



RSSI KPI statistics per mobile operator for operator 21407\_Movistar

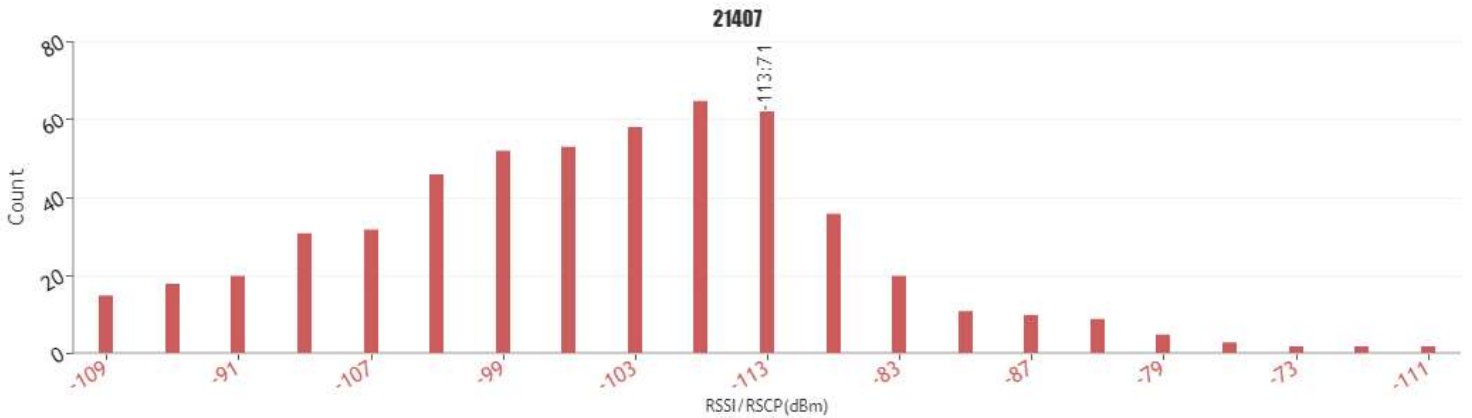
MOVISTAR SERVEI DE VEU, MAPA DE NIVELL DE SENYAL, TARRÉS



RSSI KPI statistics per mobile operator for 21407\_Movistar

Operators	21407
>= -89dBm	14.2602 % (count : 80)
B/w -99dBm to -90dBm	36.3636 % (count : 204)
B/w -112dBm to -100dBm	36.7201 % (count : 206)
<= -113dBm	12.6560 % (count : 71)
Total Geo samples	561

RSSI distribution chart per mobile operator for 21407\_Movistar



# RantCell User QoE test report



OperatorName	21407_Movistar
Test phone Model/Models	Samsung SM-A226B
Report Generation Time	Mar 23, 2022 12:40:50 PM
Test StartTime	Mar 21, 2022 2:10:22 PM
Test EndTime	Mar 21, 2022 2:22:40 PM
Download Speed Test	Yes



## Download speed test report

Download speed test view for 21407\_Movistar



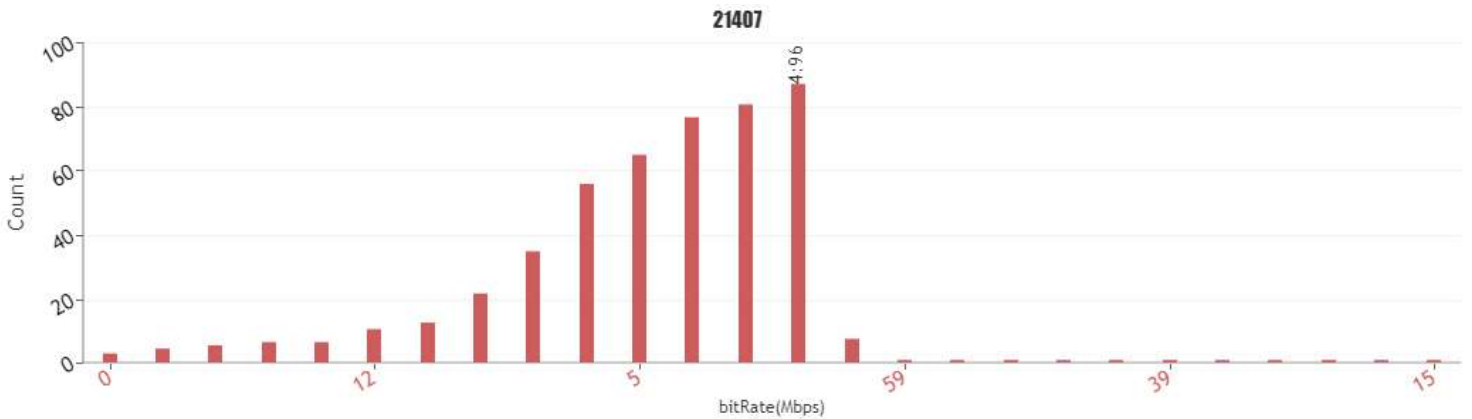
### MOVISTAR SERVEI DE DADES, MAPA DE VELOCITATS DE DESCÀRREGA, TARRÉS



### Download test KPI statistics per mobile operator for 21407\_Movistar

Operators	21407
above 1.2Mbps	98.8072 % (count : 497)
0.4Mbps - 1.2Mbps	0.5964 % (count : 3)
0Mbps - 0.4Mbps	0.5964 % (count : 3)
Average (mbps)	6.12
Peak Speed (mbps)	59.16
Lowest Recorded (mbps)	0
Total Geo samples	503

### Download test distribution chart per mobile operators for 21407\_Movistar

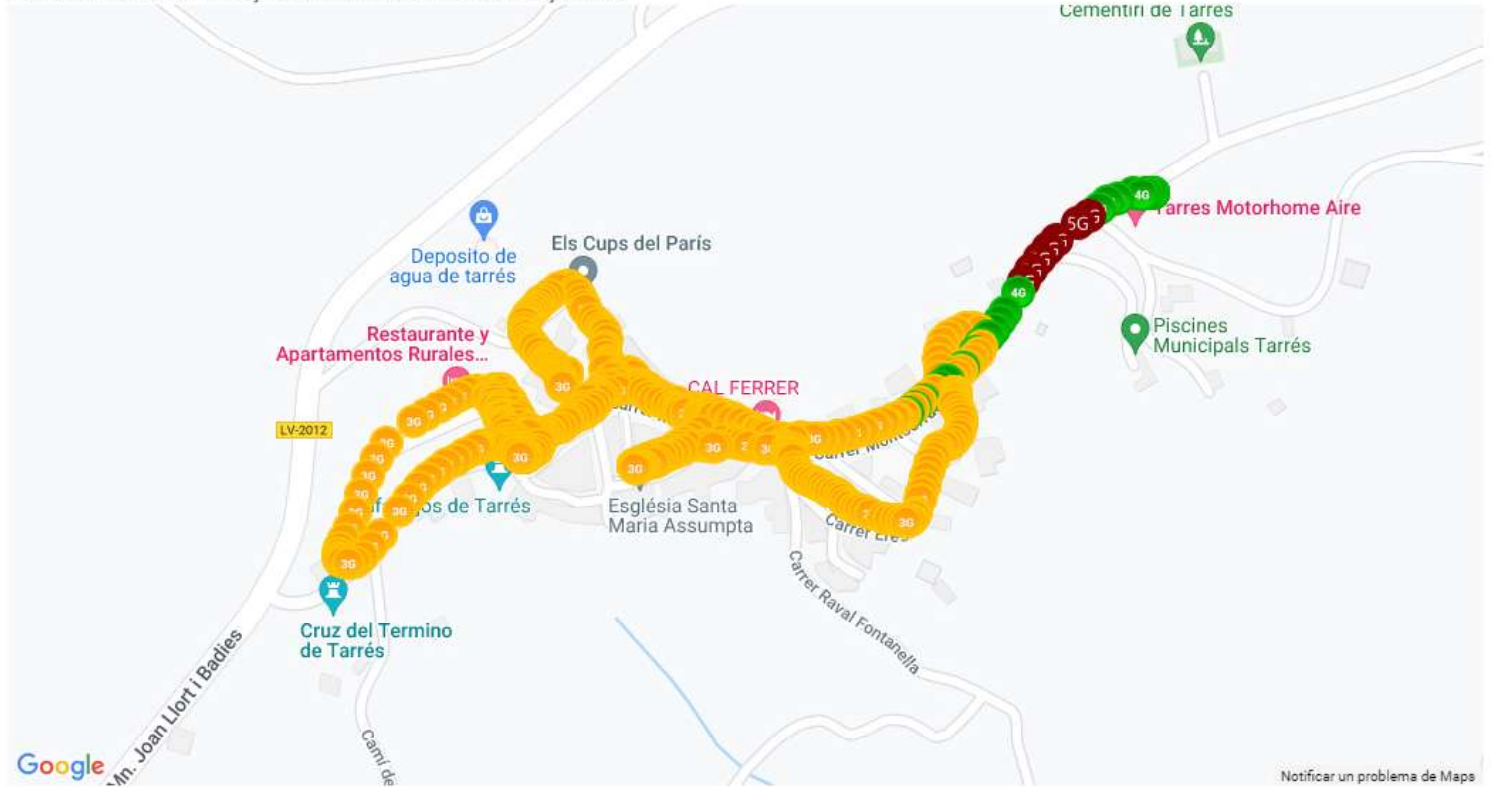


# User perceived mobile network coverage during tests



mobile network coverage during tests for operators 21407\_Movistar

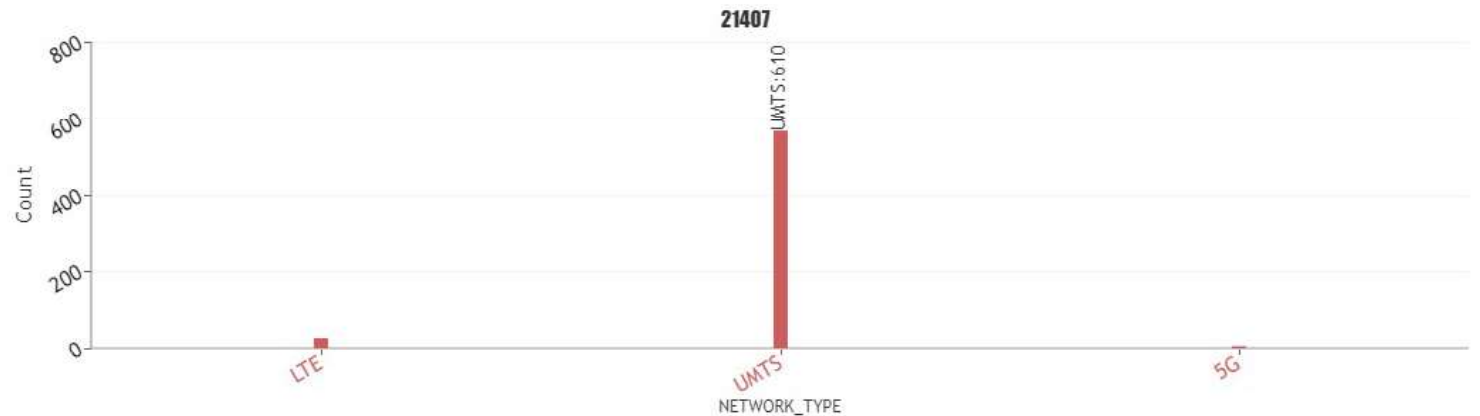
MOVISTAR SERVEI DE DADES, ACCÉS A XARXES DE L'OPERADOR, TARRÉS



## RAN technology statistics per mobile network operator for 21407\_Movistar

Network Type	21407
5G	1.0853%
4G	4.3411%
3G	94.5736%
2G	0.0000%
CDMA	0.0000%
NONNETWORK	0.0000%
Total Geo samples	645

## RAN technology distribution chart per mobile network operator for 21407\_Movistar

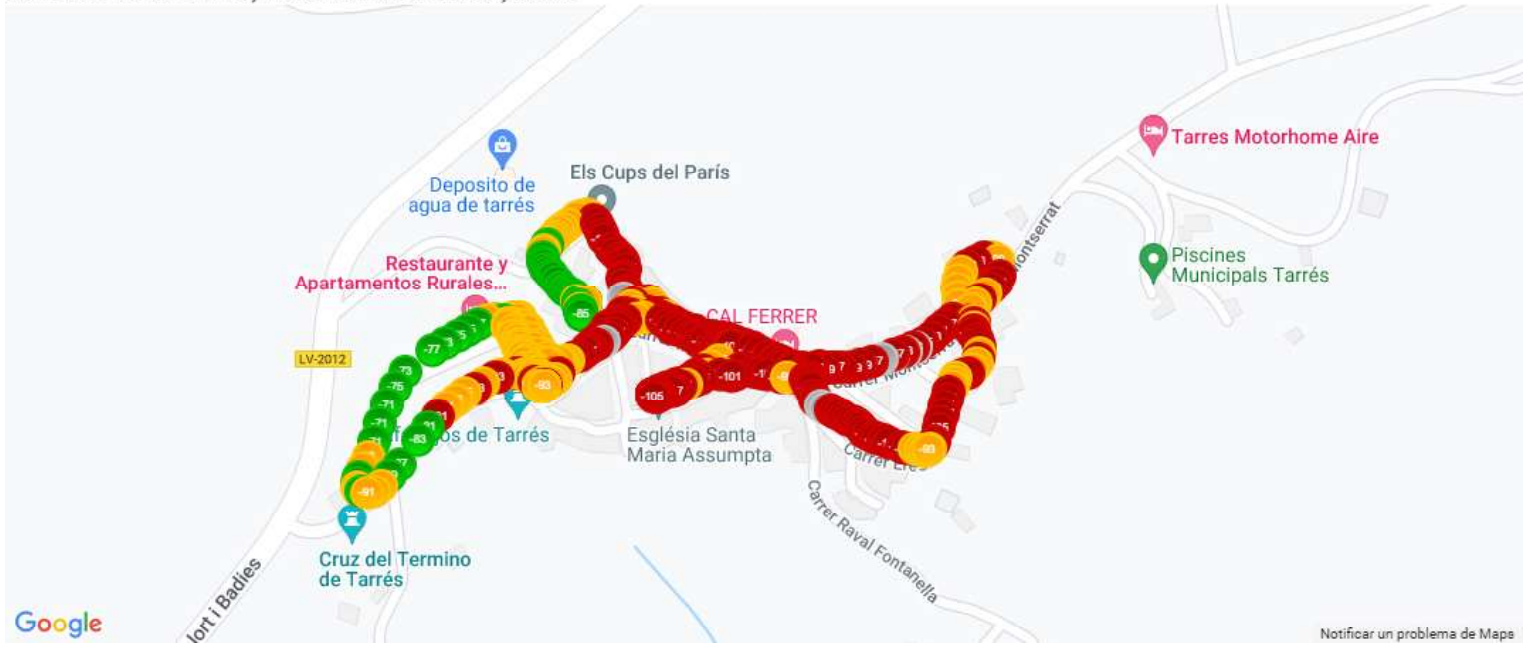


## RSSI view



RSSI KPI statistics per mobile operator for operator 21407\_Movistar

MOVISTAR SERVEI DE DADES, MAPA DE NIVELL DE SENYAL, TARRÉS



RSSI KPI statistics per mobile operator for 21407\_Movistar

Operators	21407
>= -89dBm	10.6557 % (count : 65)
B/w -99dBm to -90dBm	36.7213 % (count : 224)
B/w -112dBm to -100dBm	50.9836 % (count : 311)
<= -113dBm	1.6393 % (count : 10)
Total Geo samples	610

RSSI distribution chart per mobile operator for 21407\_Movistar



# RantCell User QoE test report



OperatorName	21401_vodafone ES
Test phone Model/Models	Samsung SM-A226B
Report Generation Time	Mar 23, 2022 1:04:30 PM
Test StartTime	Mar 21, 2022 2:09:14 PM
Test EndTime	Mar 21, 2022 2:23:04 PM
Voice Call Test	Yes

## Voice call test report

Call test view of mobile operators for 21401\_vodafone ES

### VODAFONE SERVEI DE VEU, MAPA DE TRUCADES, TARRÉS



### Call test KPI statistics per mobile operator for 21401\_vodafone ES

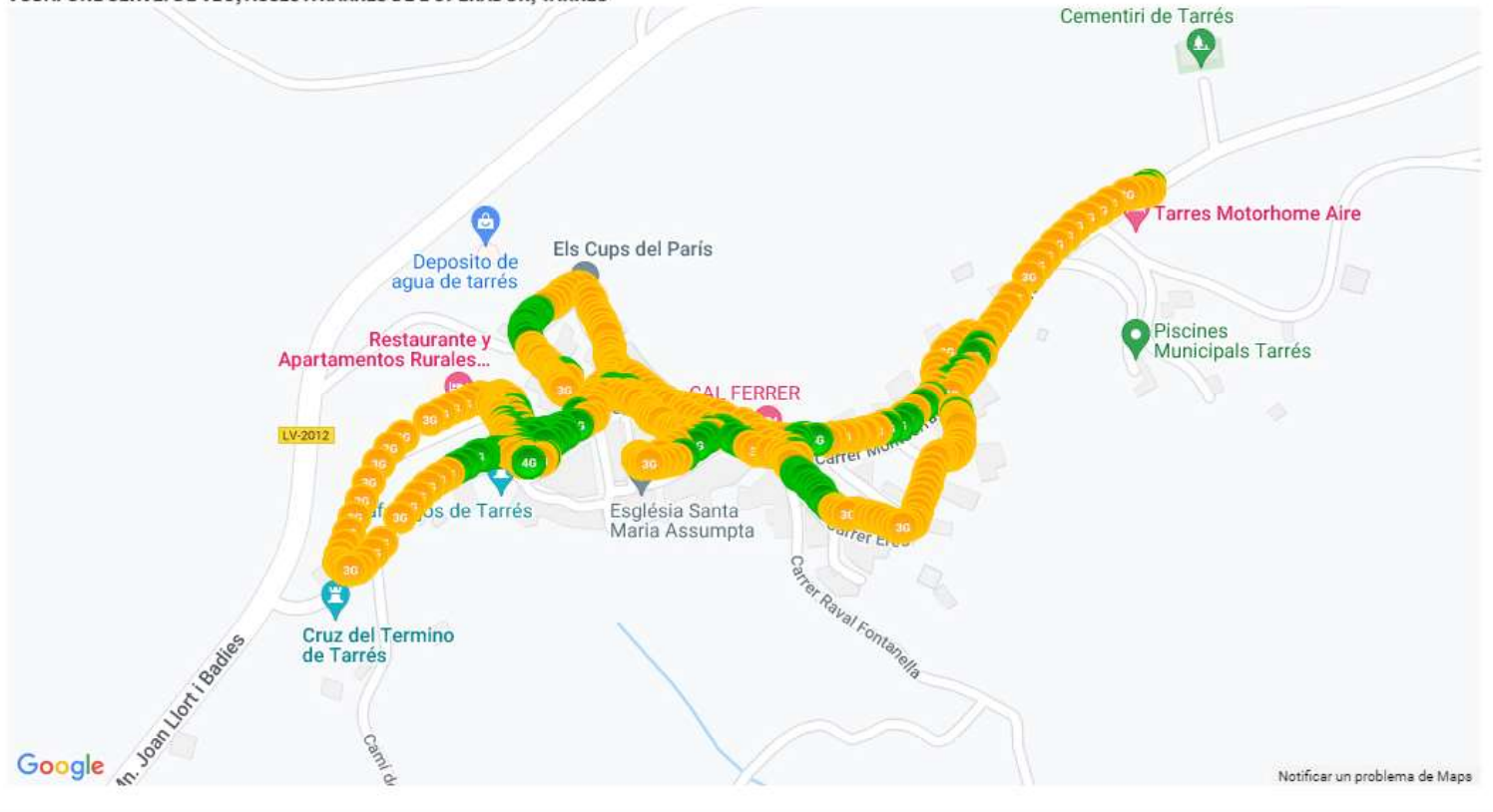
Operators	21401
Total Calls Success	15
Total Calls Attempted	16
Total Calls Failed	1
Dropped Calls	1
Aborted Calls	0
CallSetup Failed	0
No Network	0
Attempted Voice call on 2G	0
Attempted Voice call on 3G	2
Successful CSFB call to 3G	14

## User perceived mobile network coverage during tests



mobile network coverage during tests for operators 21401\_vodafone ES

VODAFONE SERVEI DE VEU, ACCÉS A XARXES DE L'OPERADOR, TARRÉS



## RAN technology statistics per mobile network operator for 21401\_vodafone ES

Network Type	21401
5G	0.0000%
4G	21.8056%
3G	78.1944%
2G	0.0000%
CDMA	0.0000%
NONNETWORK	0.0000%
Total Geo samples	720

## RAN technology distribution chart per mobile network operator for 21401\_vodafone ES





# RSSI view



RSSI KPI statistics per mobile operator for operator 21401\_vodafone ES

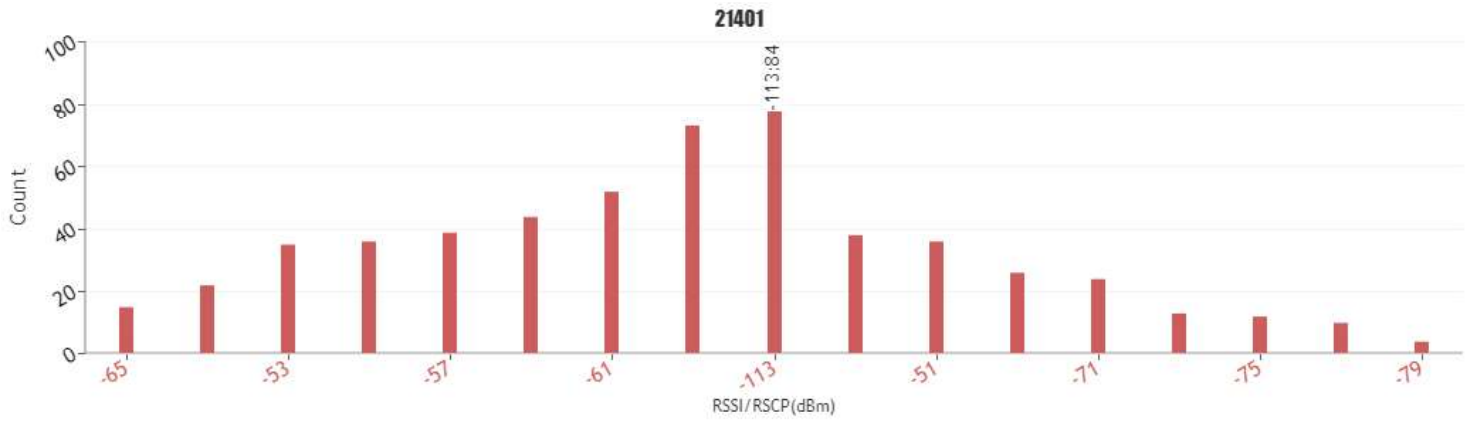
VODAFONE SERVEI DE VEU, MAPA DE NIVELL DE SENYAL, TARRÉS



RSSI KPI statistics per mobile operator for 21401\_vodafone ES

Operators	21401
>= -89dBm	85.0799 % (count : 479)
B/w -99dBm to -90dBm	0 % (count : 0)
B/w -112dBm to -100dBm	0 % (count : 0)
<= -113dBm	14.9201 % (count : 84)
Total Geo samples	563

RSSI distribution chart per mobile operator for 21401\_vodafone ES



# RantCell User QoE test report



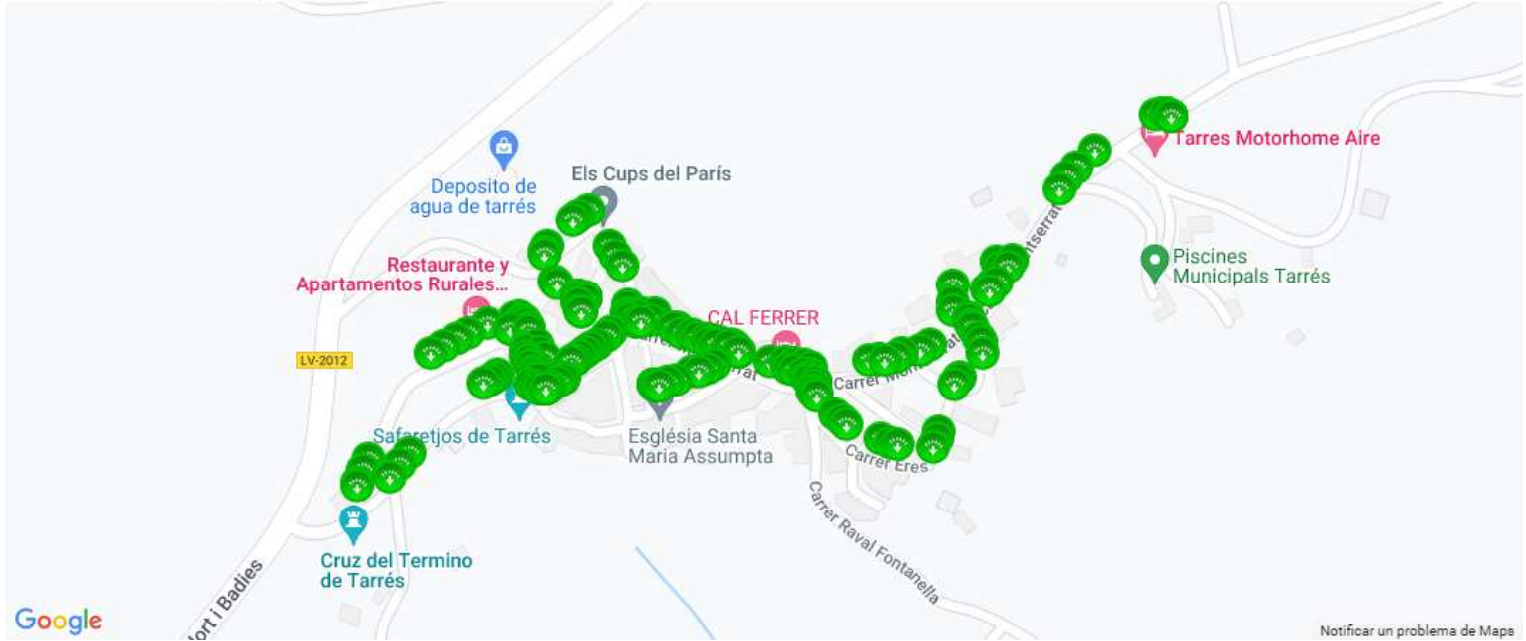
OperatorName	21401_vodafone ES
Test phone Model/Models	Samsung SM-A226B
Report Generation Time	Mar 23, 2022 1:11:32 PM
Test StartTime	Mar 21, 2022 2:09:56 PM
Test EndTime	Mar 21, 2022 2:22:51 PM
Download Speed Test	Yes

## Download speed test report

Download speed test view for 21401\_vodafone ES



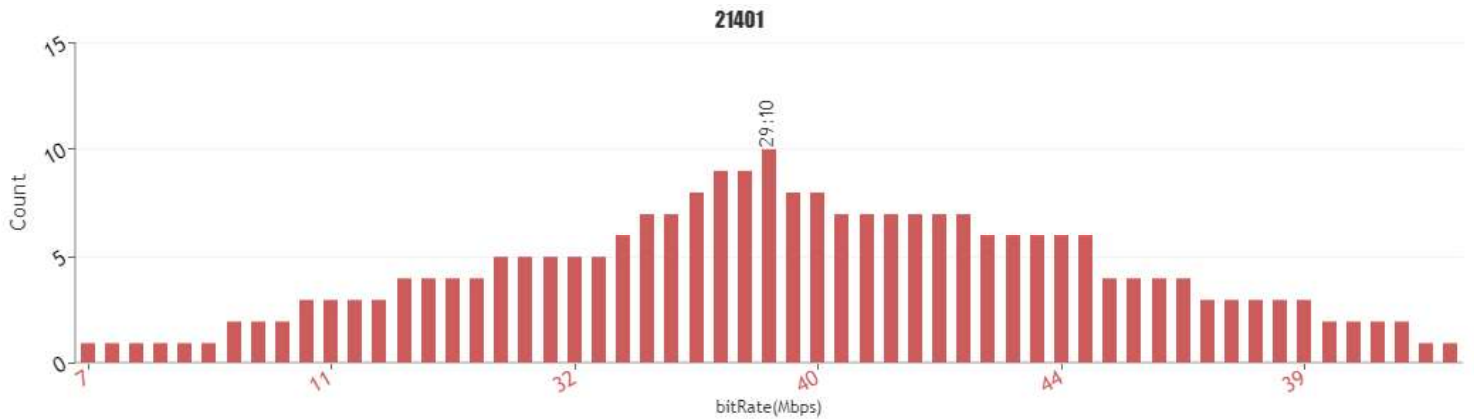
VODAFONE SERVEI DE DADES, MAPA DE VELOCITATS DE DESCÀRREGA, TARRÉS



Download test KPI statistics per mobile operator for 21401\_vodafone ES

Operators	21401
above 1.2Mbps	100.0000 % (count : 250)
0.4Mbps - 1.2Mbps	0 % (count : 0)
0Mbps - 0.4Mbps	0 % (count : 0)
Average (mbps)	37.00
Peak Speed (mbps)	63.94
Lowest Recorded (mbps)	7.2
Total Geo samples	250

Download test distribution chart per mobile operators for 21401\_vodafone ES



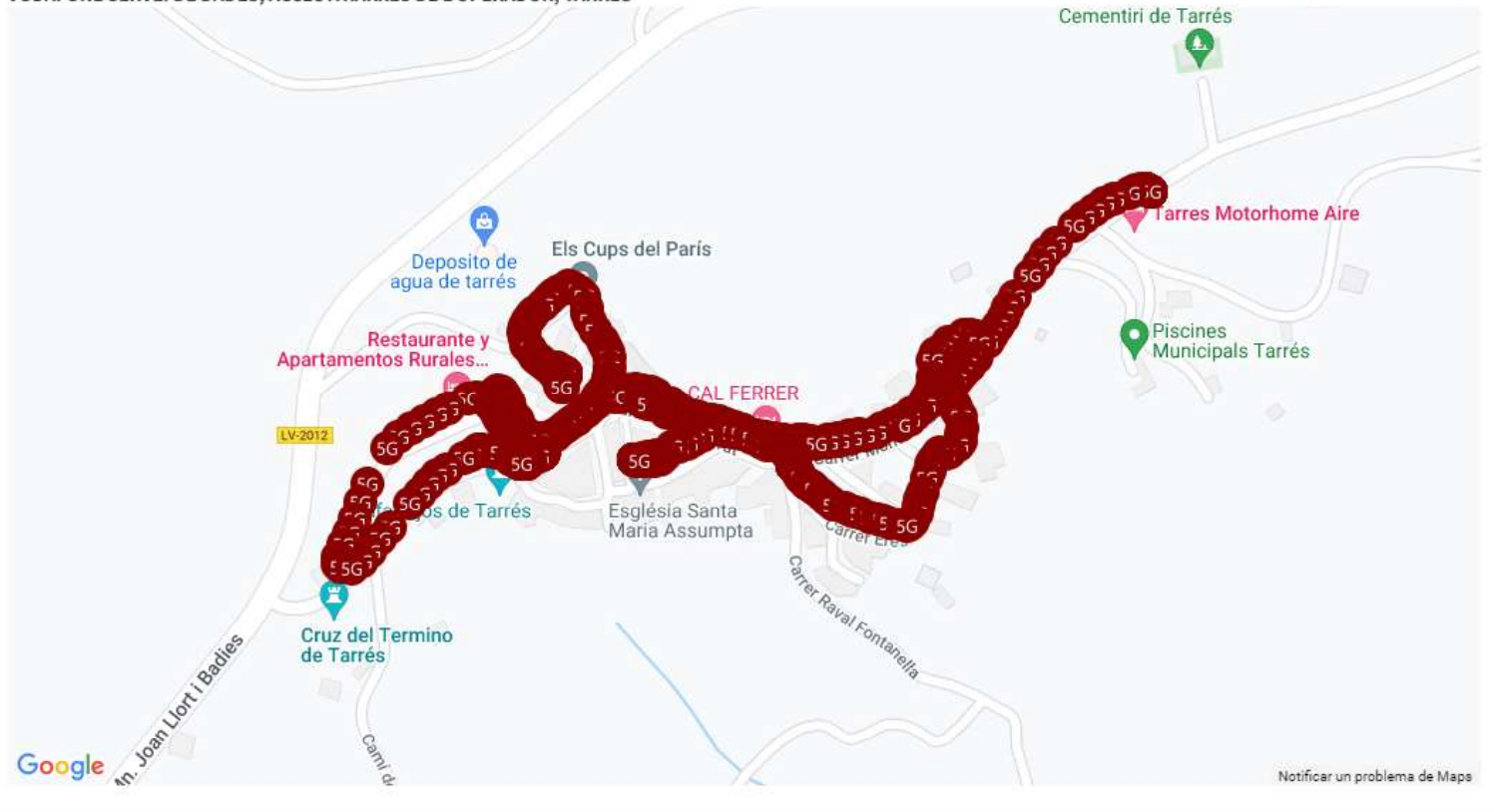
# User perceived mobile network coverage during tests



mobile network coverage during tests for operators 21401\_vodafone ES



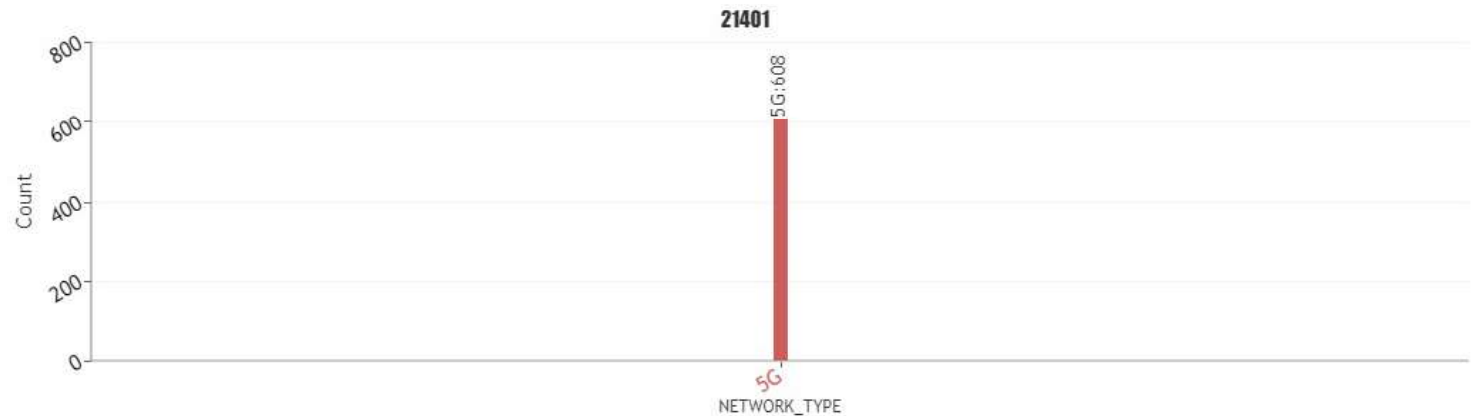
VODAFONE SERVEI DE DADES, ACCÉS A XARXES DE L'OPERADOR, TARRÉS



## RAN technology statistics per mobile network operator for 21401\_vodafone ES

Network Type	21401
5G	100.0000%
4G	0.0000%
3G	0.0000%
2G	0.0000%
CDMA	0.0000%
NONNETWORK	0.0000%
Total Geo samples	608

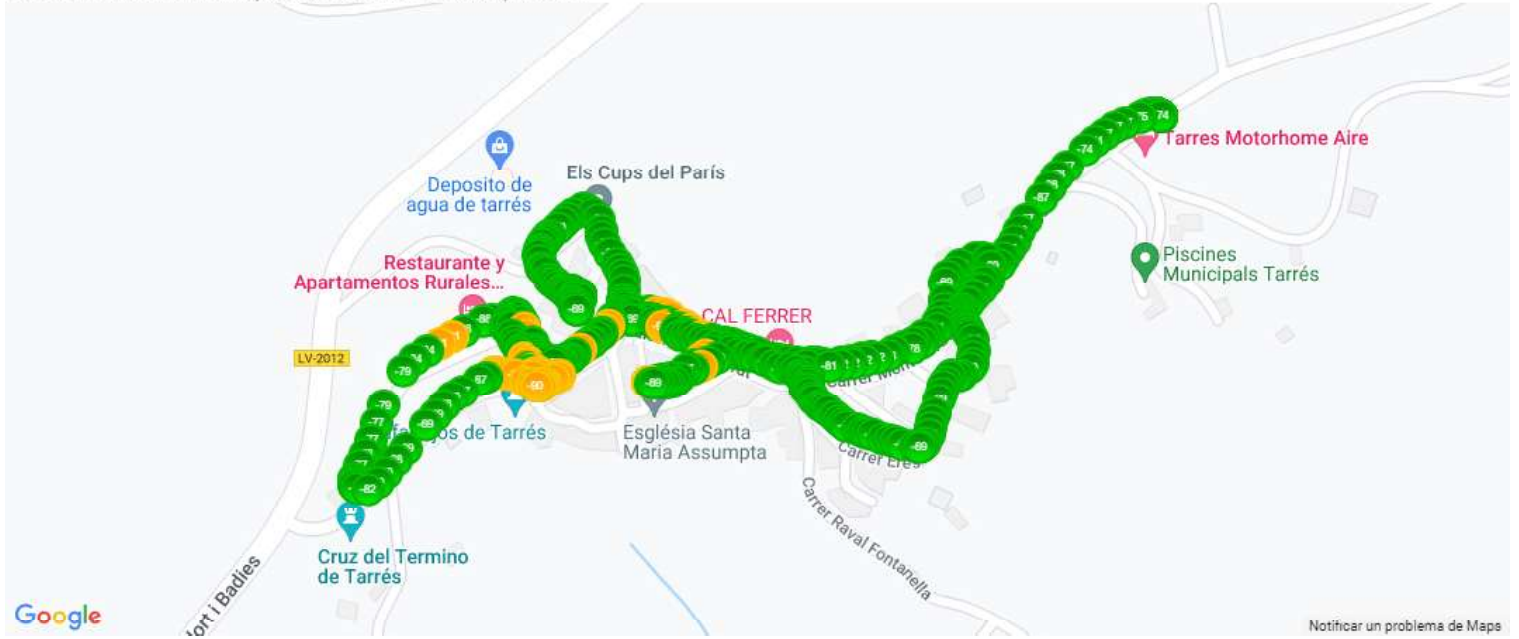
## RAN technology distribution chart per mobile network operator for 21401\_vodafone ES



## RSRP view

RSRP KPI statistics per mobile operator for operator 21401\_vodafone ES

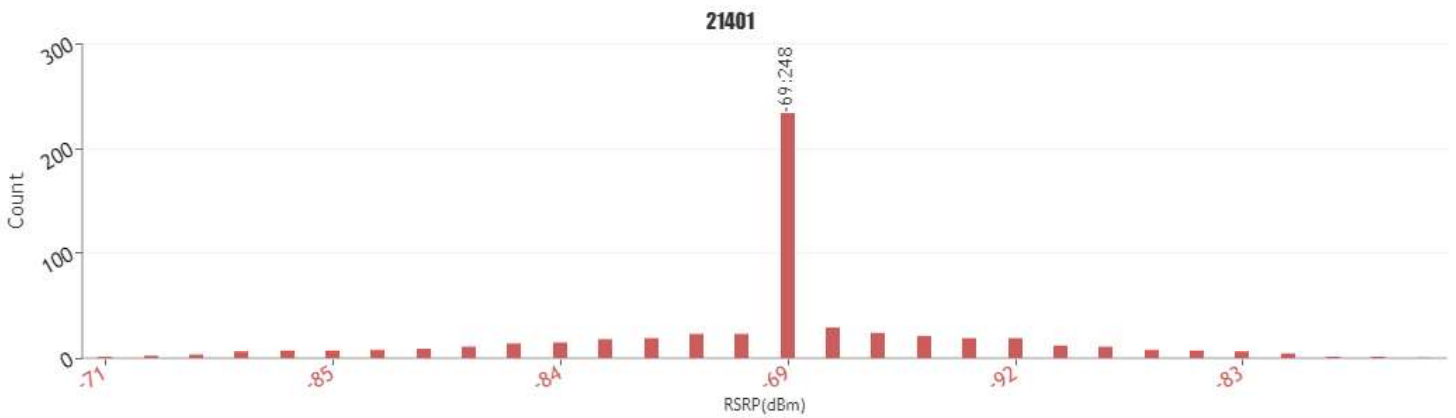
VODAFONE SERVEI DE DADES, MAPA DE NIVELL DE SENYAL, TARRÉS



RSRP KPI statistics per mobile operator for 21401\_vodafone ES

Operators	21401
>= to -89dBm	79.5041 % (count: 481)
B/w -99dBm to -90dBm	20.4959 % (count: 124)
B/w -112dBm to -100dBm	0 % (count: 0)
<= -113dBm	0 % (count: 0)
Total Geo samples	605

RSRP distribution chart per mobile operator for 21401\_vodafone ES



# RantCell User QoE test report



OperatorName	21403_Orange
Test phone Model/Models	Samsung SM-A226B
Report Generation Time	Mar 23, 2022 12:51:18 PM
Test StartTime	Mar 21, 2022 2:09:44 PM
Test EndTime	Mar 21, 2022 2:22:47 PM
Voice Call Test	Yes



## Voice call test report

Call test view of mobile operators for 21403\_Orange

### ORANGE SERVEI DE VEU, MAPA DE TRUCADES, TARRÉS



Call test KPI statistics per mobile operator for 21403\_Orange

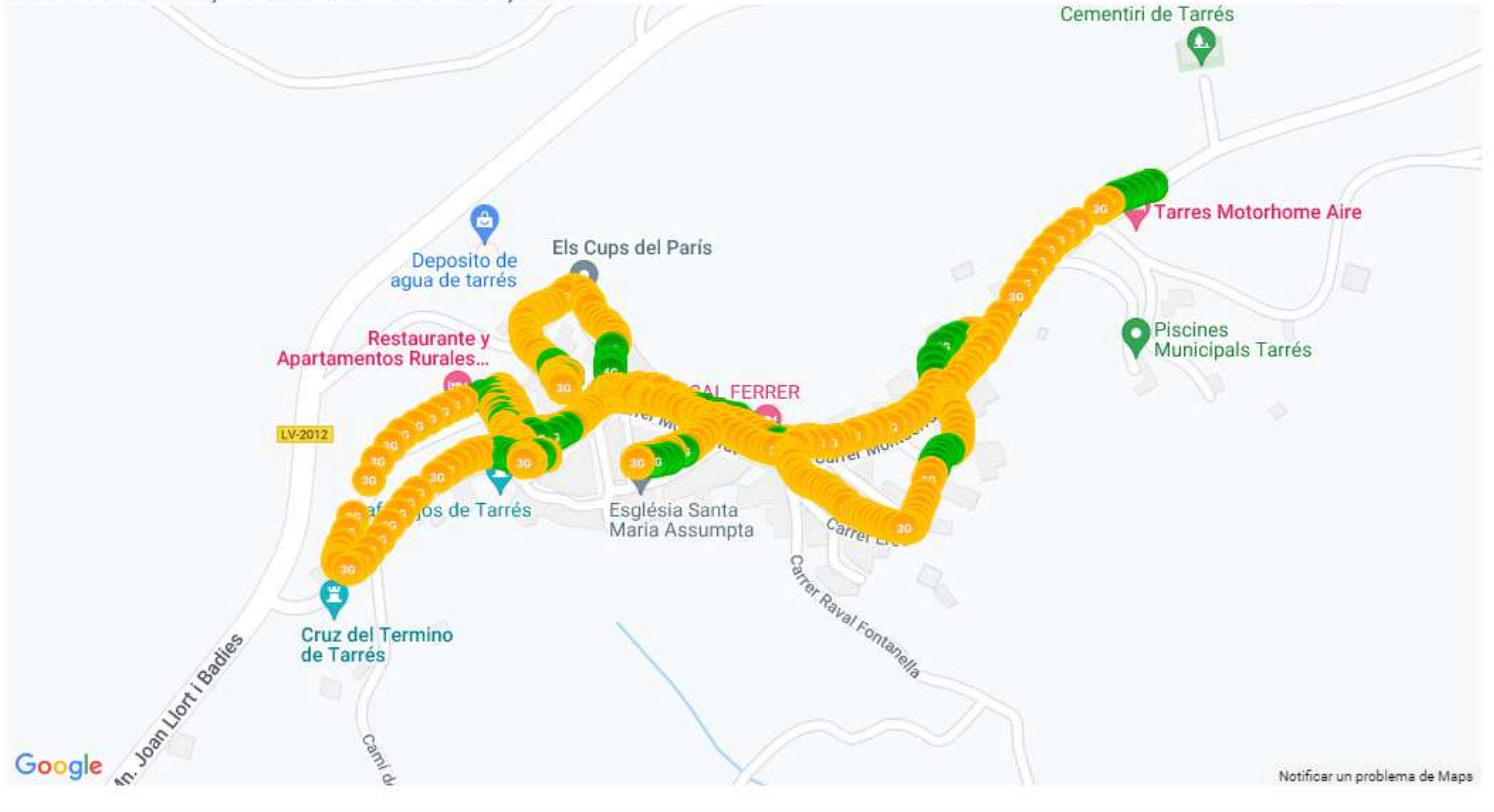
Operators	21403
Total Calls Success	16
Total Calls Attempted	17
Total Calls Failed	1
Dropped Calls	0
Aborted Calls	0
CallSetup Failed	1
No Network	0
Attempted Voice call on 2G	0
Attempted Voice call on 3G	1
Successful CSFB call to 3G	15
Not Determined(Voice CallType)	1

# User perceived mobile network coverage during tests



mobile network coverage during tests for operators 21403\_Orange

ORANGE SERVEI DE VEU, ACCÉS A XARXES DE L'OPERADOR, TARRÉS



## RAN technology statistics per mobile network operator for 21403\_Orange

Network Type	21403
5G	0.0000%
4G	14.9341%
3G	85.0659%
2G	0.0000%
CDMA	0.0000%
NONNETWORK	0.0000%
Total Geo samples	683

## RAN technology distribution chart per mobile network operator for 21403\_Orange

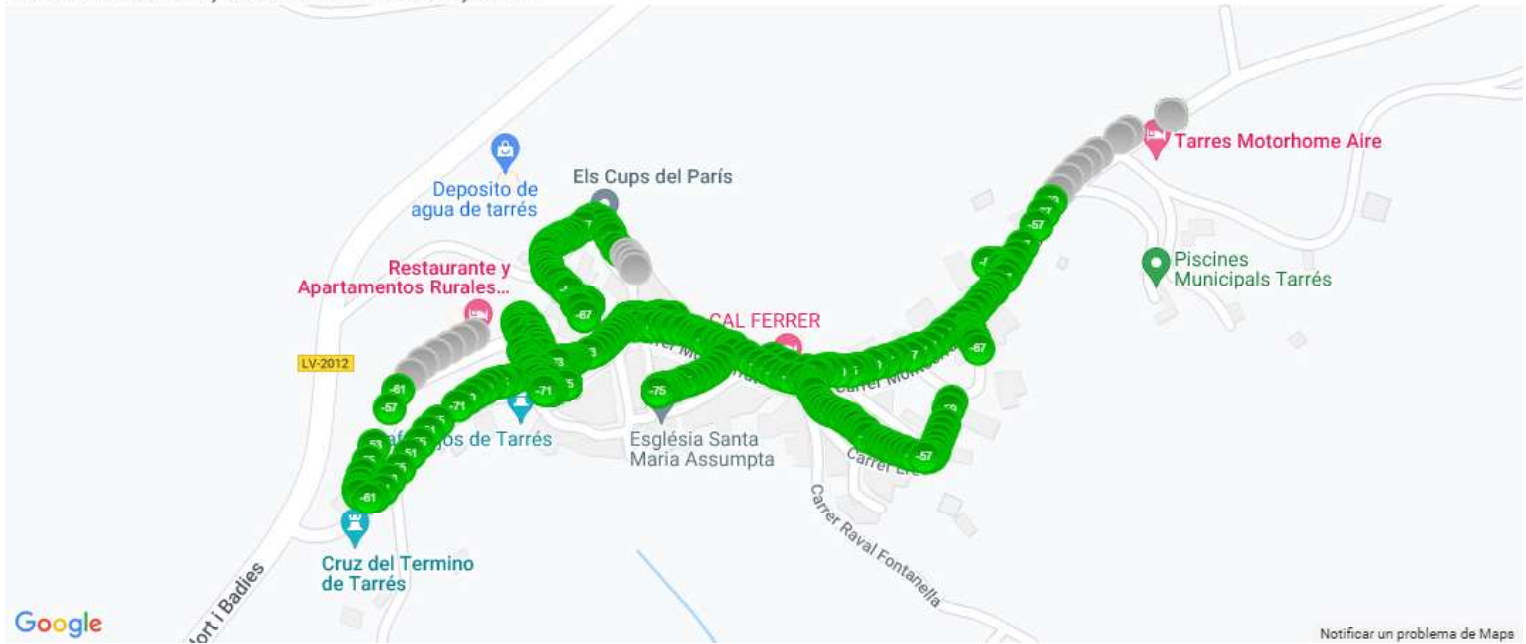


## RSSI view



RSSI KPI statistics per mobile operator for operator 21403\_Orange

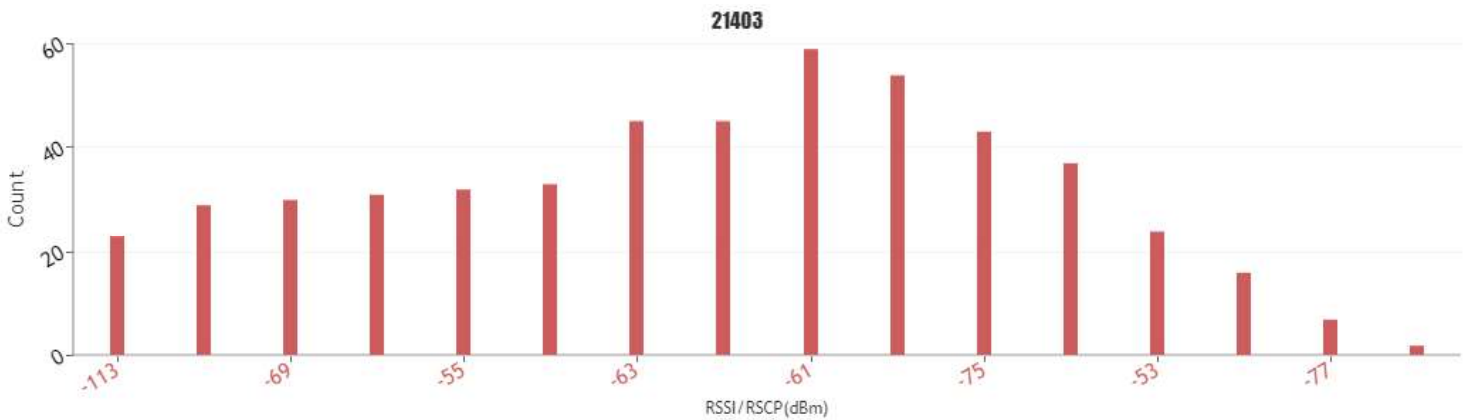
ORANGE SERVEI DE VEU, MAPA DE NIVELL DE SENYAL, TARRÉS



RSSI KPI statistics per mobile operator for 21403\_Orange

Operators	21403
>= -89dBm	95.4902 % (count : 487)
B/w -99dBm to -90dBm	0 % (count : 0)
B/w -112dBm to -100dBm	0 % (count : 0)
<= -113dBm	4.5098 % (count : 23)
Total Geo samples	510

RSSI distribution chart per mobile operator for 21403\_Orange



# RantCell User QoE test report



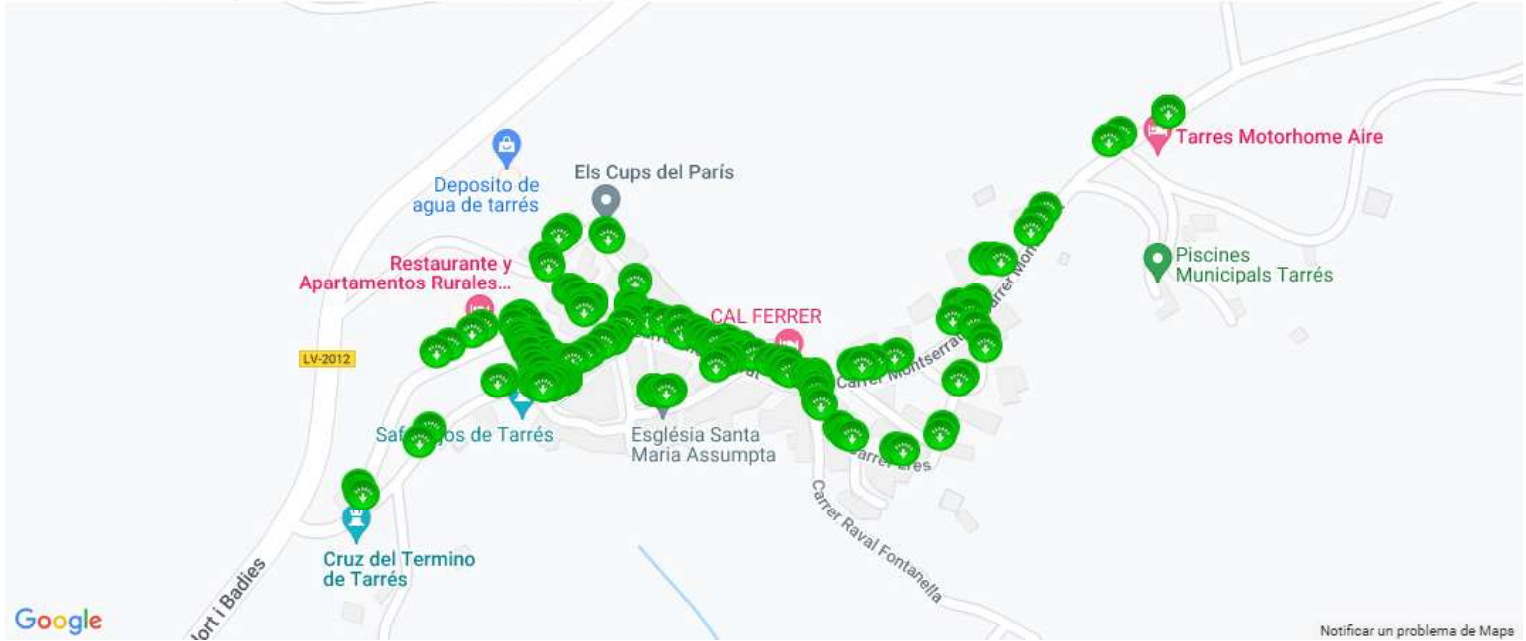
OperatorName	21403_Orange
Test phone Model/Models	Samsung SM-A226B
Report Generation Time	Mar 23, 2022 12:56:13 PM
Test StartTime	Mar 21, 2022 2:10:14 PM
Test EndTime	Mar 21, 2022 2:23:05 PM
Download Speed Test	Yes

## Download speed test report

Download speed test view for 21403\_Orange



ORANGE SERVEI DE DADES, MAPA DE VELOCITATS DE DESCÀRREGA, TARRÉS

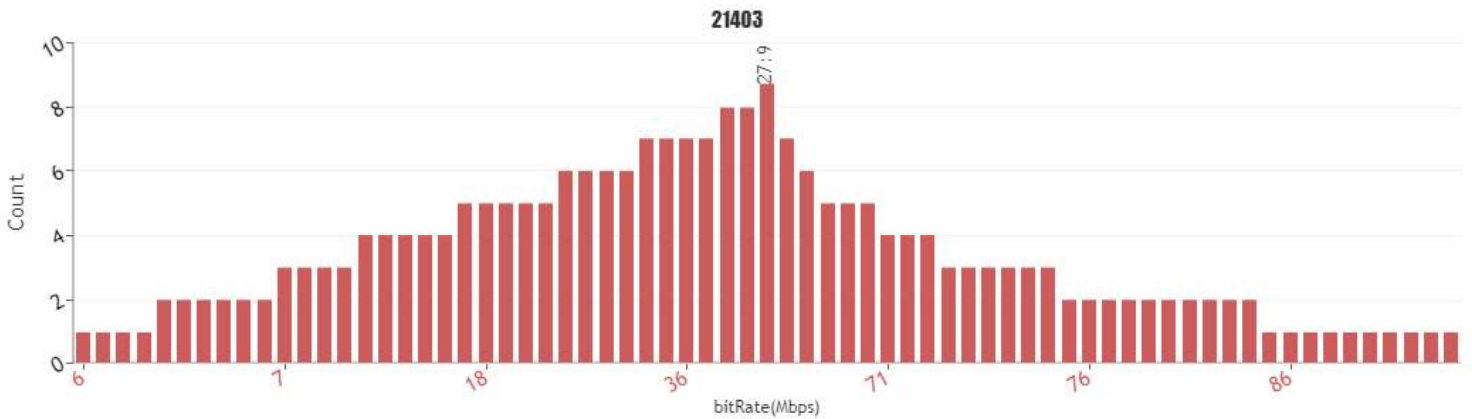


Notificar un problema de Maps

### Download test KPI statistics per mobile operator for 21403\_Orange

Operators	21403
above 1.2Mbps	100.0000 % (count : 238)
0.4Mbps - 1.2Mbps	0 % (count : 0)
0Mbps - 0.4Mbps	0 % (count : 0)
Average (mbps)	39.51
Peak Speed (mbps)	87.05
Lowest Recorded (mbps)	5.7
Total Geo samples	238

### Download test distribution chart per mobile operators for 21403\_Orange

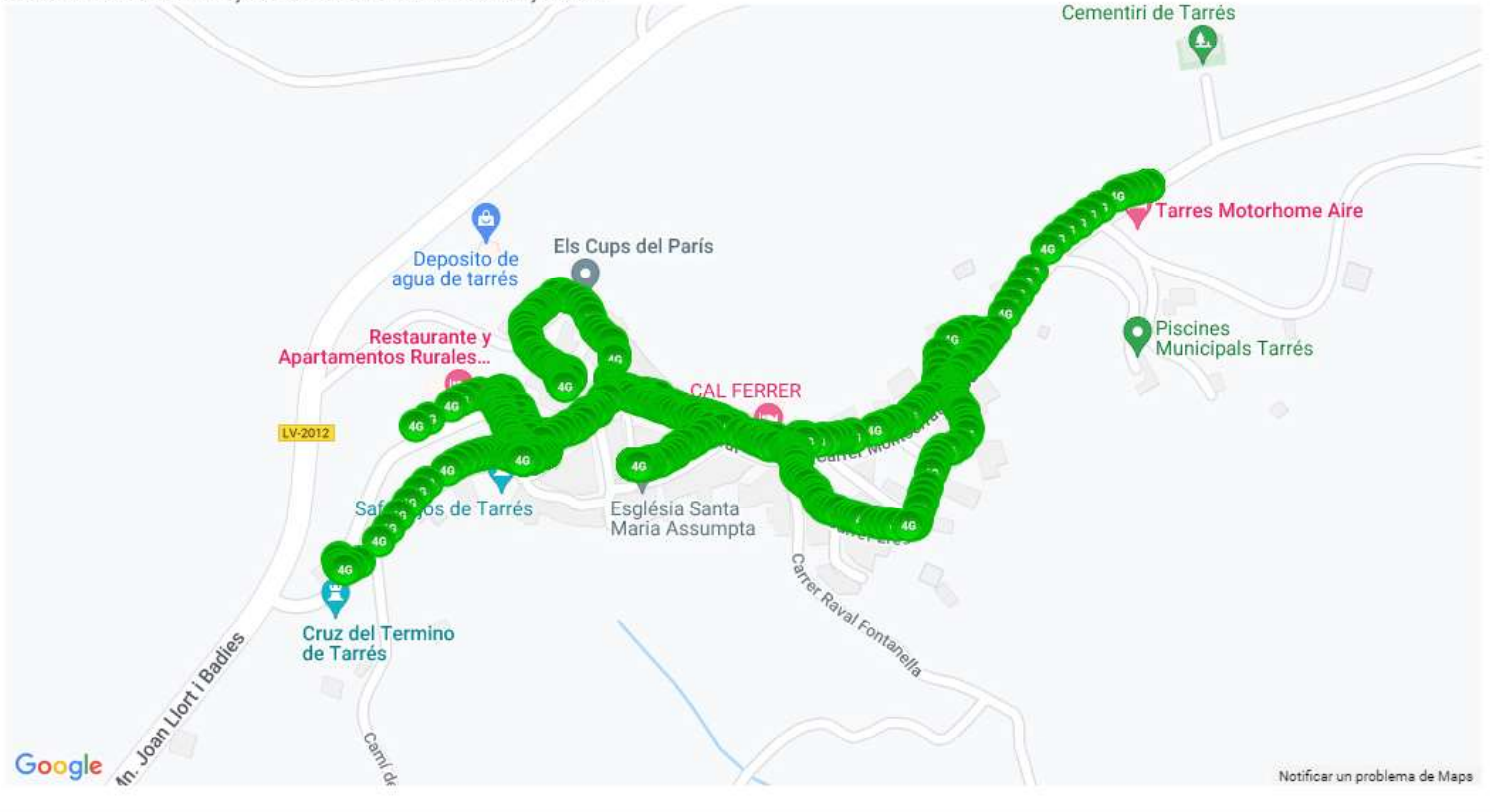


# User perceived mobile network coverage during tests



mobile network coverage during tests for operators 21403\_Orange

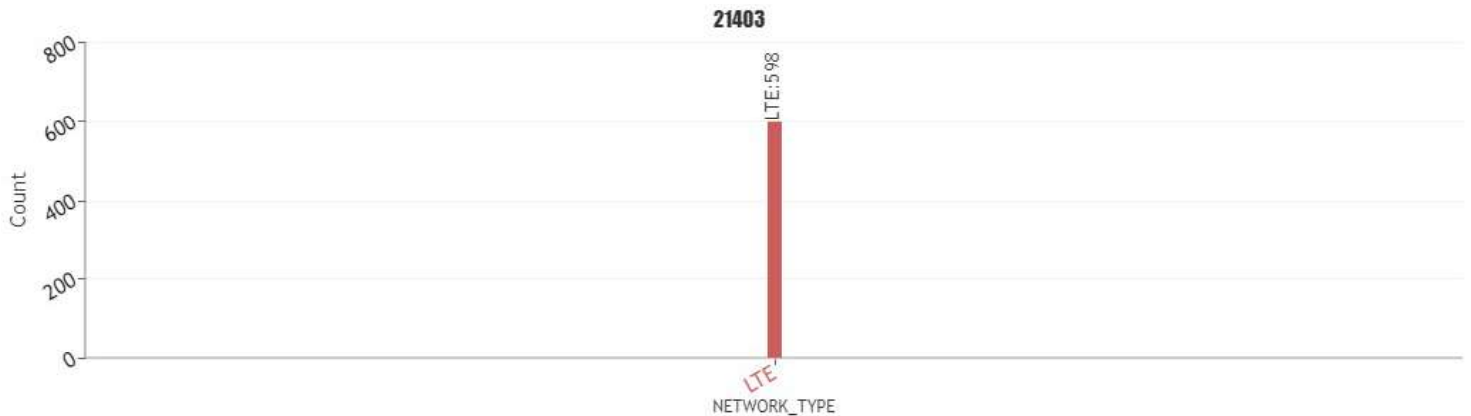
ORANGE SERVEI DE DADES, ACCÉS A XARXES DE L'OPERADOR, TARRÉS



## RAN technology statistics per mobile network operator for 21403\_Orange

Network Type	21403
5G	0.0000%
4G	100.0000%
3G	0.0000%
2G	0.0000%
CDMA	0.0000%
NONETWORK	0.0000%
Total Geo samples	598

## RAN technology distribution chart per mobile network operator for 21403\_Orange

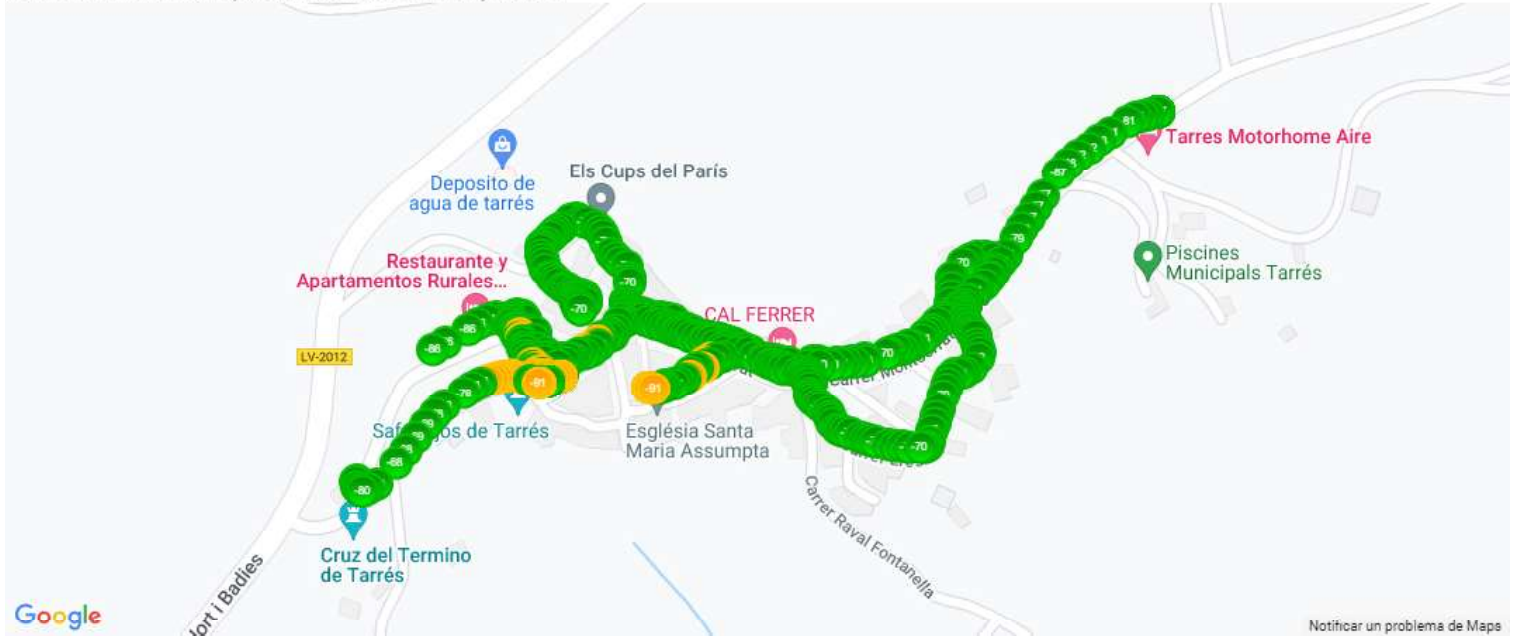




## RSRP view

RSRP KPI statistics per mobile operator for operator 21403\_Orange

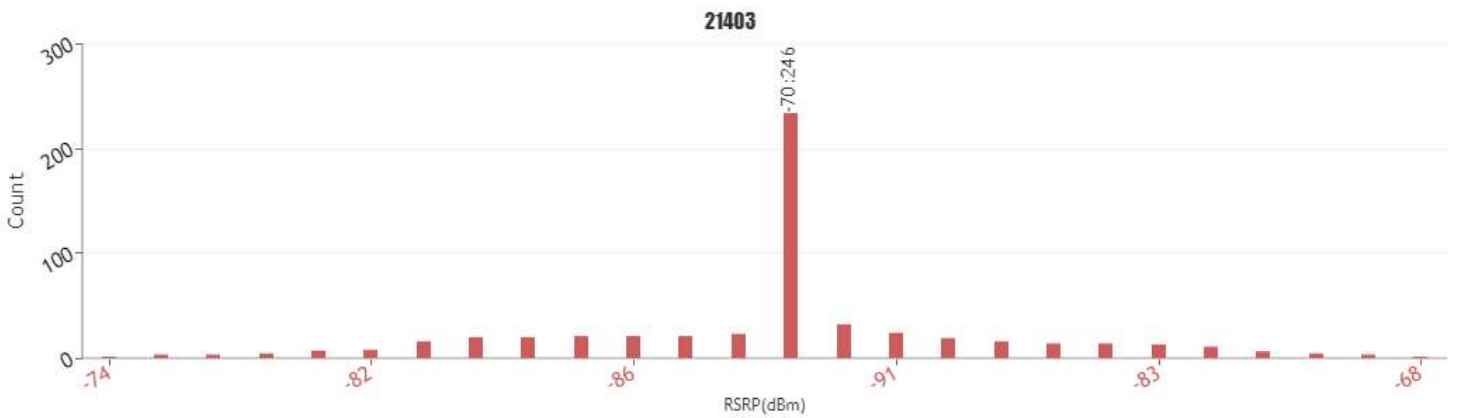
ORANGE SERVEI DE DADES, MAPA DE NIVELL DE SENYAL, TARRÉS



RSRP KPI statistics per mobile operator for 21403\_Orange

Operators	21403
>= to -89dBm	86.0738 % (count : 513)
B/w -99dBm to -90dBm	13.9262 % (count : 83)
B/w -112dBm to -100dBm	0 % (count : 0)
<= -113dBm	0 % (count : 0)
Total Geo samples	596

RSRP distribution chart per mobile operator for 21403\_Orange



## VINAIXA: RESUM MESURES

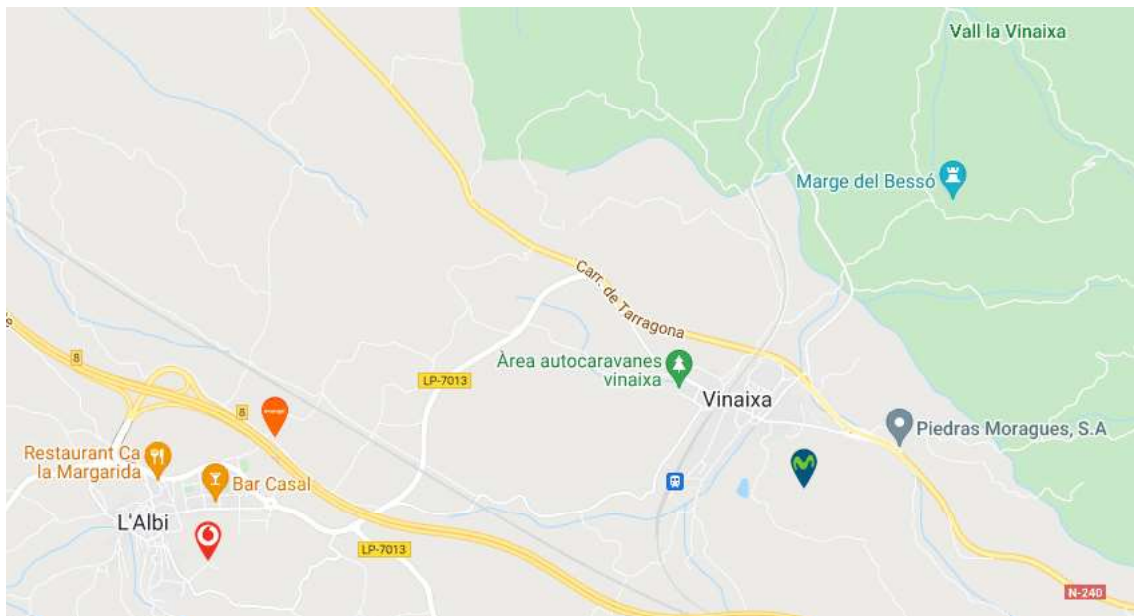
OPERADOR	SERVEI DE VEU	SERVEI DE DADES
MOVISTAR	CORRECTE (3G)	CORRECTE (4G)
VODAFONE	CORRECTE (3G)	CORRECTE (3G)
ORANGE	CORRECTE (3G)	CORRECTE (3G/4G)

Comentaris:

No es troben deficiències significatives de servei de veu o dades de cap operador.

Disposen de fibra de Adamo.

Servei de Movistar al polígon 3 parcela 83. Servei de Orange i Vodafone provinent de L'Albi.



**TELEFONICA MOVILES ESPAÑA, S.A.U.**

Estación: 2500296  
Dirección: MT Poligono 3 Parcela 83. VINAIXA, LLEIDA  
Posición: 41.424686 lat / 0.978583 lng  
Elevación: **Sólo PRO**

ID	BANDA	MODOS*
852.00	- 862.00	4G
935.10	- 949.90	2G
935.10	- 949.90	2G



Albi

### VODAFONE ESPAÑA, S.A.

Estación: 00552

Dirección: VP POLIGONO 7 PARCELA 363. ALBI (L), LLEIDA

Posición: 41.427186 lat / 0.944569 lng

Elevación: **Sólo PRO**

ID	BANDA	MODOS*
1	949.90 - 959.90	2G 3G
1	949.90 - 959.90	2G 3G

### VODAFONE ESPAÑA, S.A.

Estación: 000552

Dirección: ZN POLÍGONO 7 PARCELA 363. ALBI (L), LLEIDA

Posición: 41.427186 lat / 0.944569 lng

Elevación: **Sólo PRO**

ID	BANDA	MODOS*
1	1905.00 - 1910.00; 2140.00 - 2155.00	3G
1	2140.00 - 2155.00	4G
1	842.00 - 852.00	4G

### ORANGE ESPAGNE, S.A.U.

Estación: CATR5361A

Dirección: ZN Polígono 7 Parcela 363. ALBI (L), LLEIDA

Posición: 41.427186 lat / 0.944569 lng

Elevación: **Sólo PRO**

ID	BANDA	MODOS*
1	1900.00 - 1905.00; 2125.00 - 2140.00	3G
1	832.00 - 842.00	4G
1	925.10 - 935.10	2G 3G
1	925.10 - 935.10	2G 3G



Albi

### VODAFONE ESPAÑA, S.A.

Estación: 166

Dirección: VP ALBI, -. ALBI (L), LLEIDA

Posición: 41.421183 lat / 0.940236 lng

Elevación: **Sólo PRO**

ID	BANDA	MODOS*
1	1905.00 - 1910.00; 2140.00 - 2155.00	3G
1	2660.00 - 2680.00	4G
1	842.00 - 852.00	4G



# RantCell User QoE test report



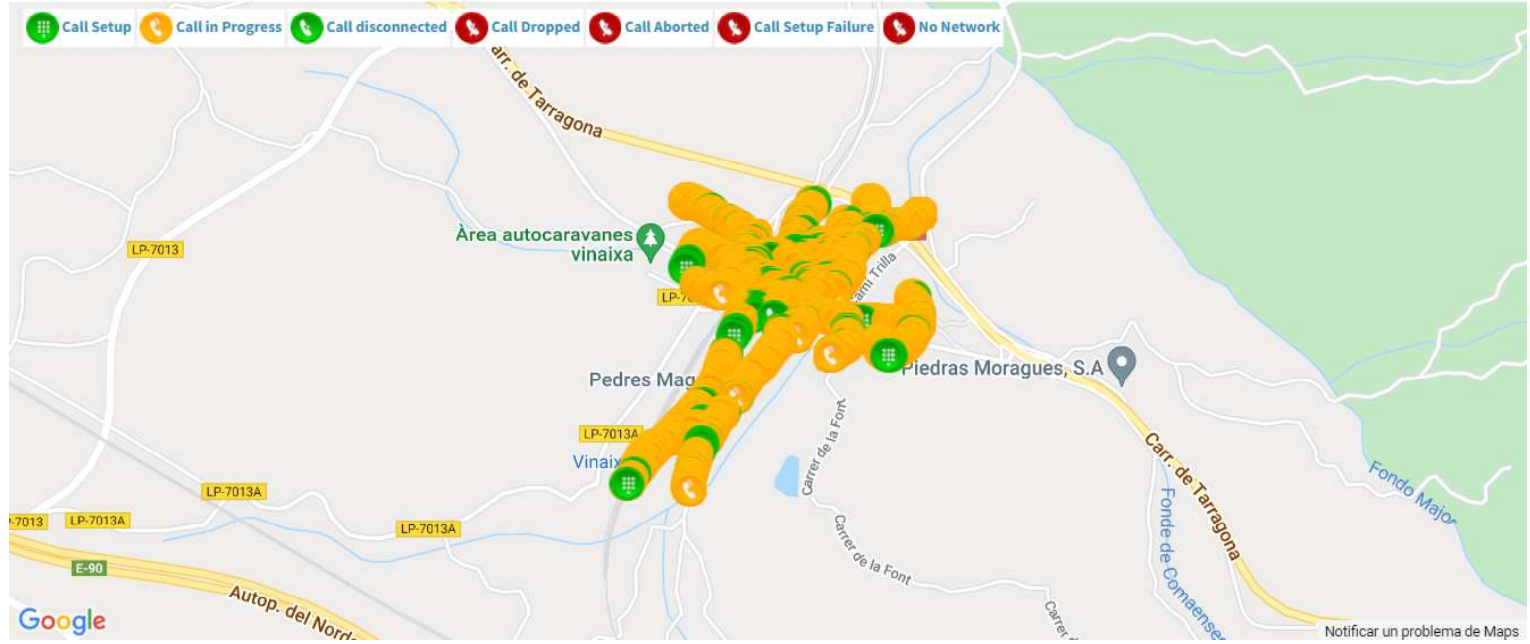
OperatorName	21407_Movistar
Test phone Model/Models	Samsung SM-A226B
Report Generation Time	Mar 28, 2022 11:35:15 AM
Test StartTime	Mar 25, 2022 11:20:31 AM
Test EndTime	Mar 25, 2022 12:06:07 PM
Voice Call Test	Yes

## Voice call test report

Call test view of mobile operators for 21407\_Movistar



### MOVISTAR SERVEI DE VEU, MAPA DE TRUCADES, VINAIXA



Call test KPI statistics per mobile operator for 21407\_Movistar

Operators	21407
Total Calls Success	55
Total Calls Attempted	56
Total Calls Failed	1
Dropped Calls	0
Aborted Calls	0
CallSetup Failed	1
No Network <a href="#">?</a>	0
Attempted Voice call on 2G <a href="#">?</a>	0
Attempted Voice call on 3G <a href="#">?</a>	35
Attempted Voice call on 4G (VoLTE) <a href="#">?</a>	1
Successful CSFB call to 3G <a href="#">?</a>	20

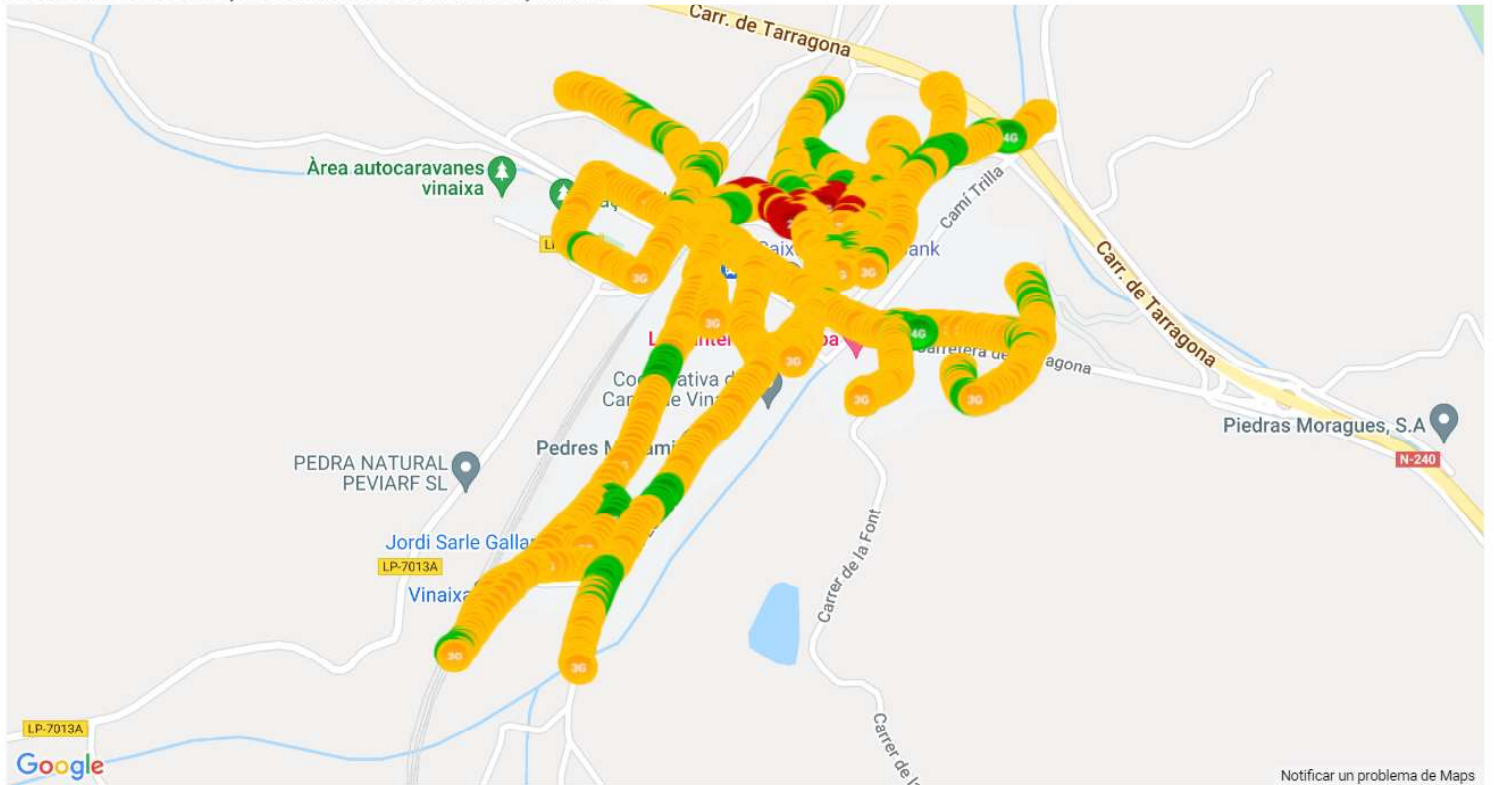
# User perceived mobile network coverage during tests



mobile network coverage during tests for operators 21407\_Movistar



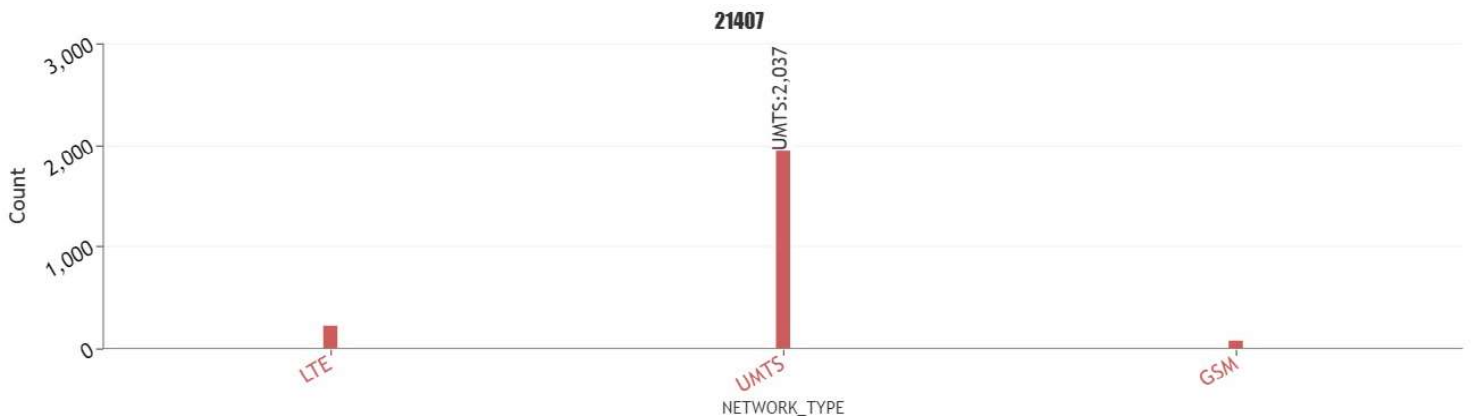
MOVISTAR SERVEI DE VEU, ACCÉS A XARXES DE L'OPERADOR, VINAIXA



RAN technology statistics per mobile network operator for 21407\_Movistar

Network Type	21407
5G	0.0000%
4G	9.6760%
3G	86.8286%
2G	3.4953%
CDMA	0.0000%
NONNETWORK	0.0000%
Total Geo samples	2346

RAN technology distribution chart per mobile network operator for 21407\_Movistar



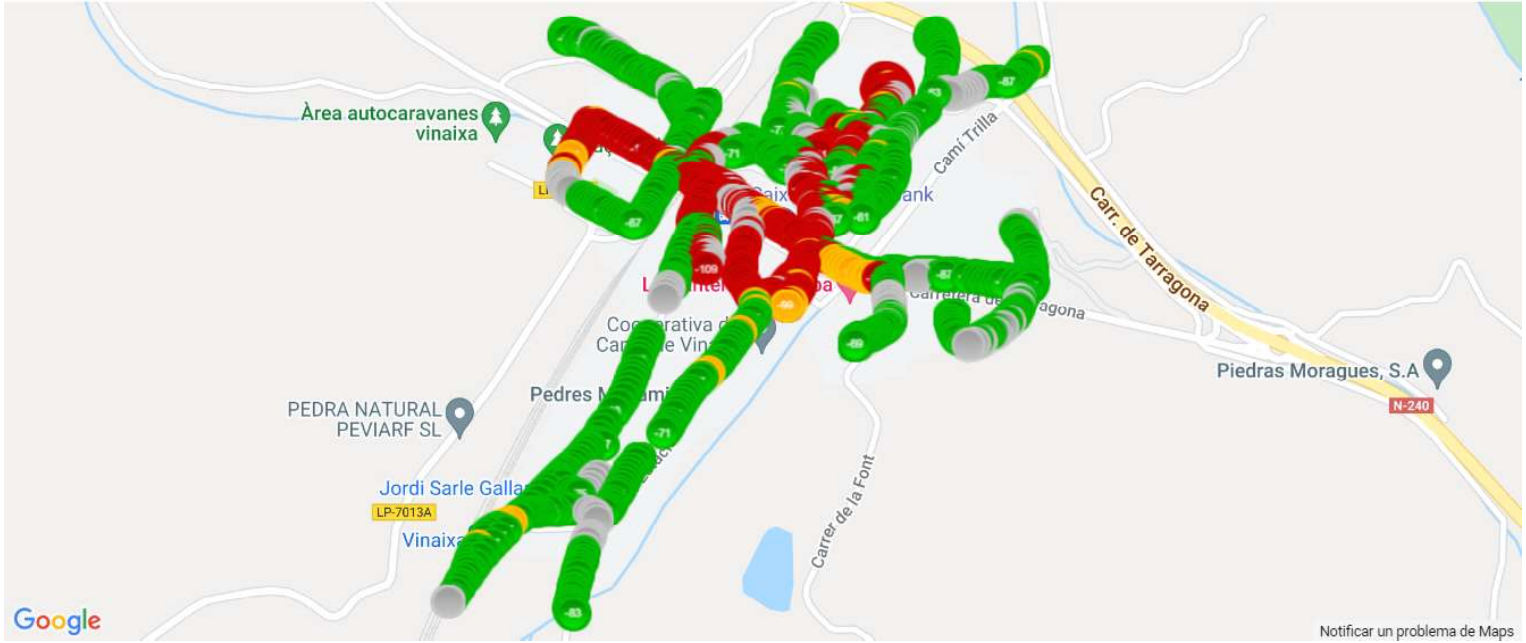


# RSSI view



RSSI KPI statistics per mobile operator for operator 21407\_Movistar

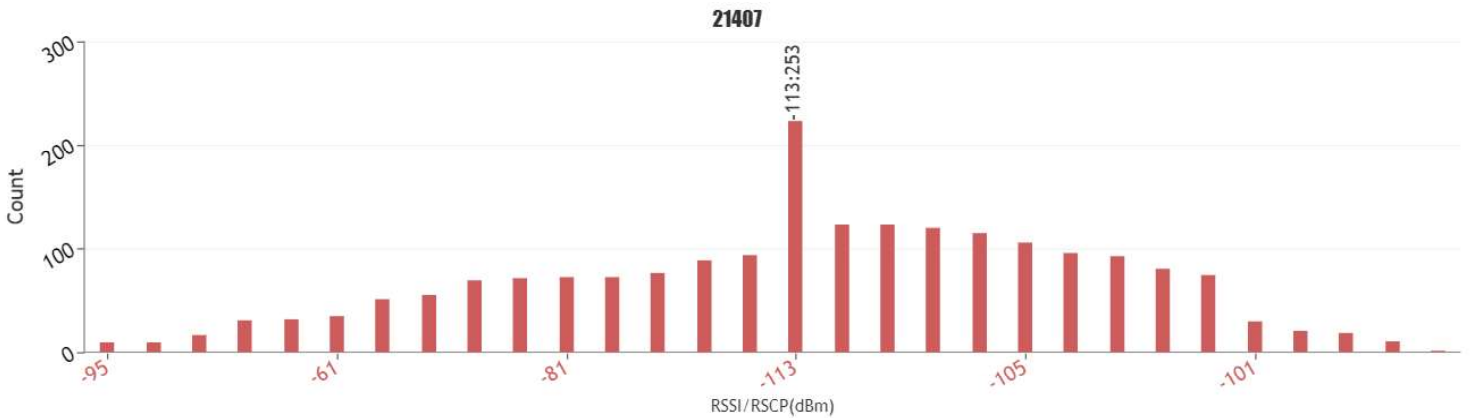
MOVISTAR SERVEI DE VEU, MAPA DE NIVELL DE SENYAL, VINAIXA



RSSI KPI statistics per mobile operator for 21407\_Movistar

Operators	21407
<b>&gt;= -89dBm</b>	55.3615 % (count : 1141)
<b>B/w -99dBm to -90dBm</b>	4.5124 % (count : 93)
<b>B/w -112dBm to -100dBm</b>	27.8506 % (count : 574)
<b>&lt;= -113dBm</b>	12.2756 % (count : 253)
Total Geo samples	2061

RSSI distribution chart per mobile operator for 21407\_Movistar



# RantCell User QoE test report



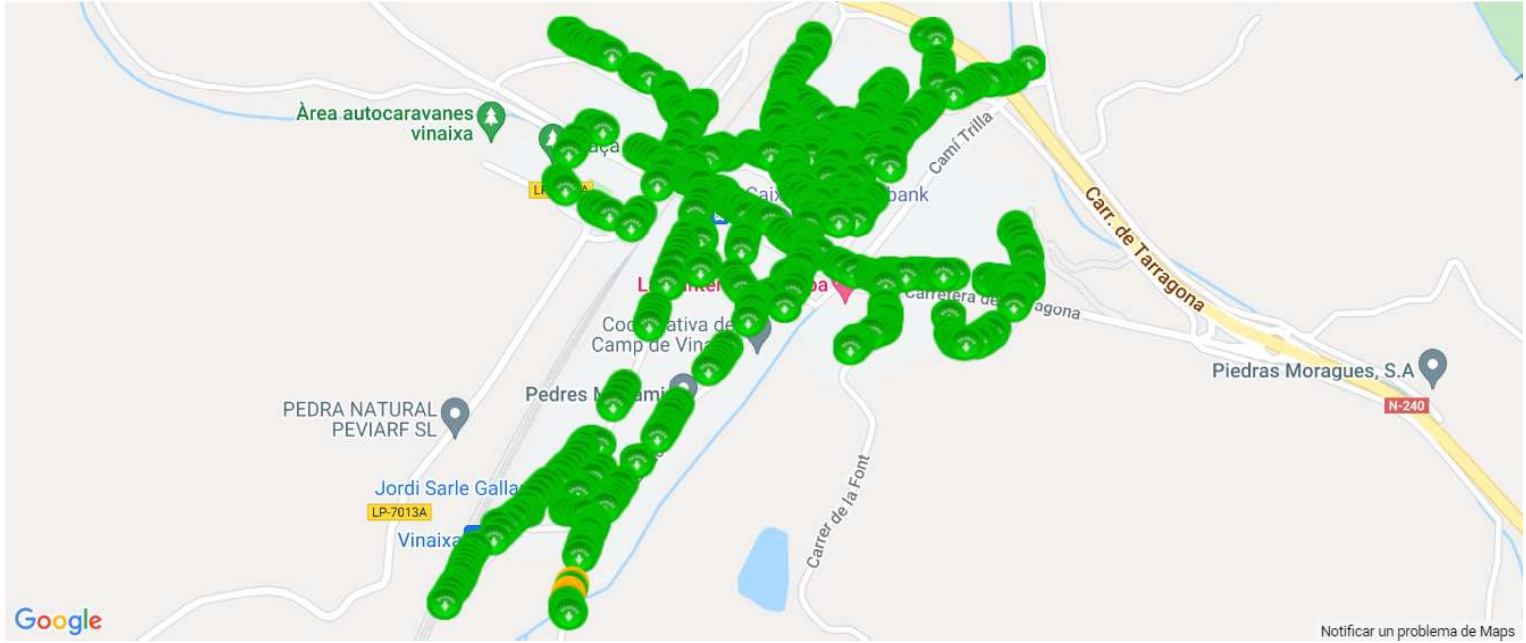
OperatorName	21407_Movistar
Test phone Model/Models	Samsung SM-A226B
Report Generation Time	Mar 28, 2022 11:45:40 AM
Test StartTime	Mar 25, 2022 11:20:26 AM
Test EndTime	Mar 25, 2022 12:04:41 PM
Download Speed Test	Yes

## Download speed test report

Download speed test view for 21407\_Movistar



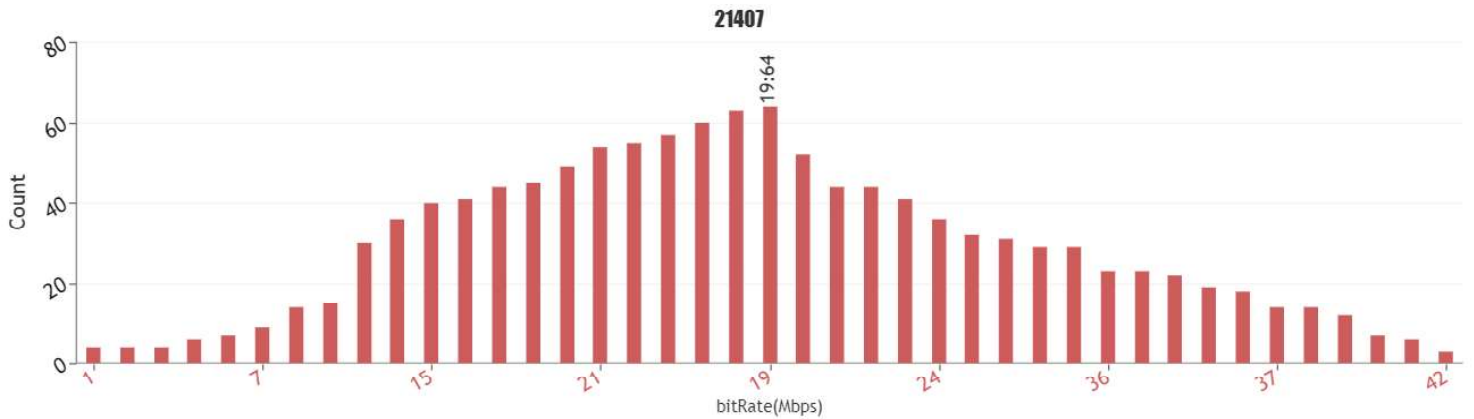
### MOVISTAR SERVEI DE DADES, MAPA DE VELOCITATS DE DESCÀRREGA, VINAIXA



### Download test KPI statistics per mobile operator for 21407\_Movistar

Operators	21407
above 1.2Mbps	99.7500 % (count : 1197)
0.4Mbps - 1.2Mbps	0.2500 % (count : 3)
0Mbps - 0.4Mbps	0 % (count : 0)
Average (mbps)	21.50
Peak Speed (mbps)	42.1
Lowest Recorded (mbps)	0.6
Total Geo samples	1200

### Download test distribution chart per mobile operators for 21407\_Movistar



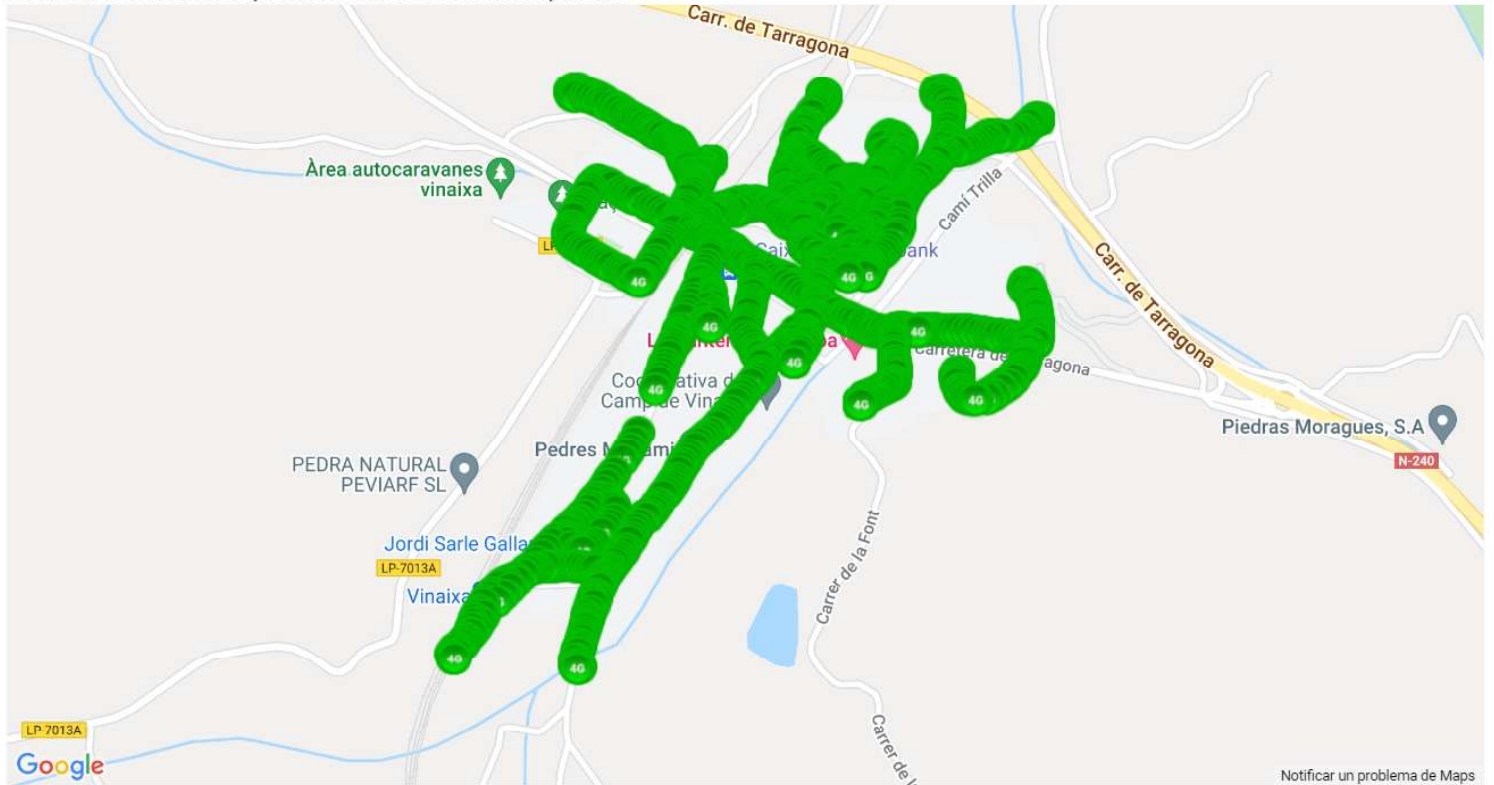
## User perceived mobile network coverage during tests



mobile network coverage during tests for operators 21407\_Movistar



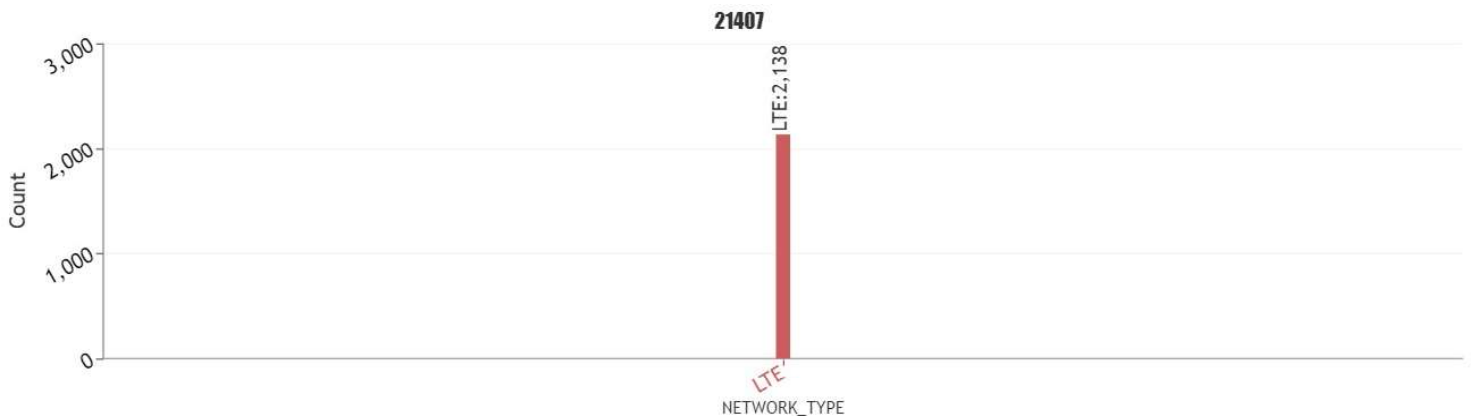
MOVISTAR SERVEI DE DADES, ACCÉS A XARXES DE L'OPERADOR, VINAIXA



## RAN technology statistics per mobile network operator for 21407\_Movistar

Network Type	21407
5G	0.0000%
4G	100.0000%
3G	0.0000%
2G	0.0000%
CDMA	0.0000%
NONNETWORK	0.0000%
Total Geo samples	2138

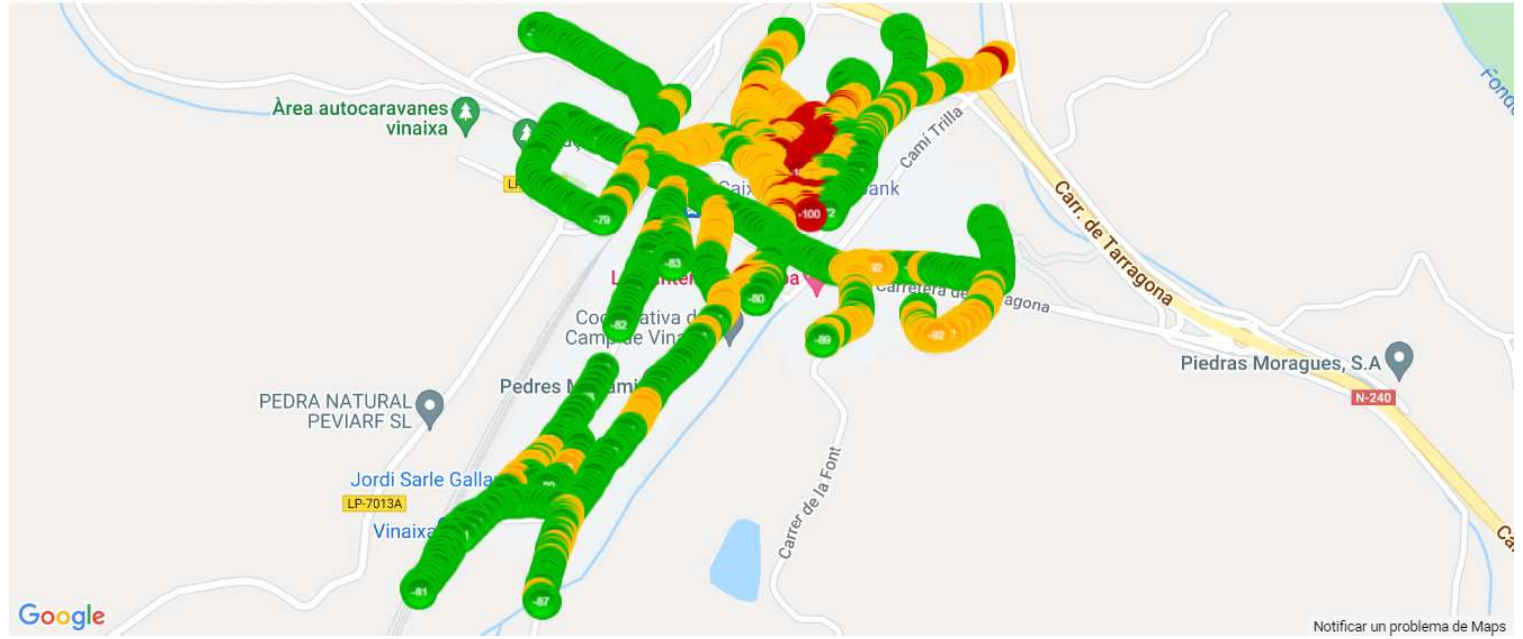
## RAN technology distribution chart per mobile network operator for 21407\_Movistar



## RSRP view

RSRP KPI statistics per mobile operator for operator 21407\_Movistar

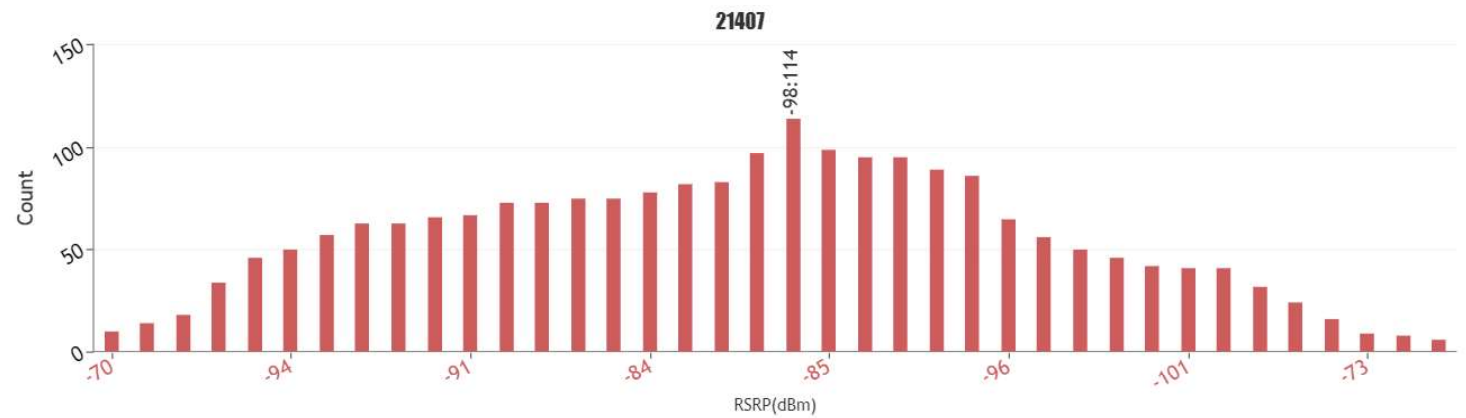
MOVISTAR SERVEI DE DADES, MAPA DE NIVELL DE SENYAL, VINAIXA



RSRP KPI statistics per mobile operator for 21407\_Movistar

Operators	21407
<b>&gt;= to -89dBm</b>	49.3920 % (count : 1056)
<b>B/w -99dBm to -90dBm</b>	36.5762 % (count : 782)
<b>B/w -112dBm to -100dBm</b>	14.0318 % (count : 300)
<b>&lt;= -113dBm</b>	0 % (count : 0)
Total Geo samples	2138

RSRP distribution chart per mobile operator for 21407\_Movistar



# RantCell User QoE test report



OperatorName	21401_vodafone ES
Test phone Model/Models	Samsung SM-A226B
Report Generation Time	Mar 28, 2022 12:19:28 PM
Test StartTime	Mar 25, 2022 11:20:29 AM
Test EndTime	Mar 25, 2022 12:06:11 PM
Voice Call Test	Yes

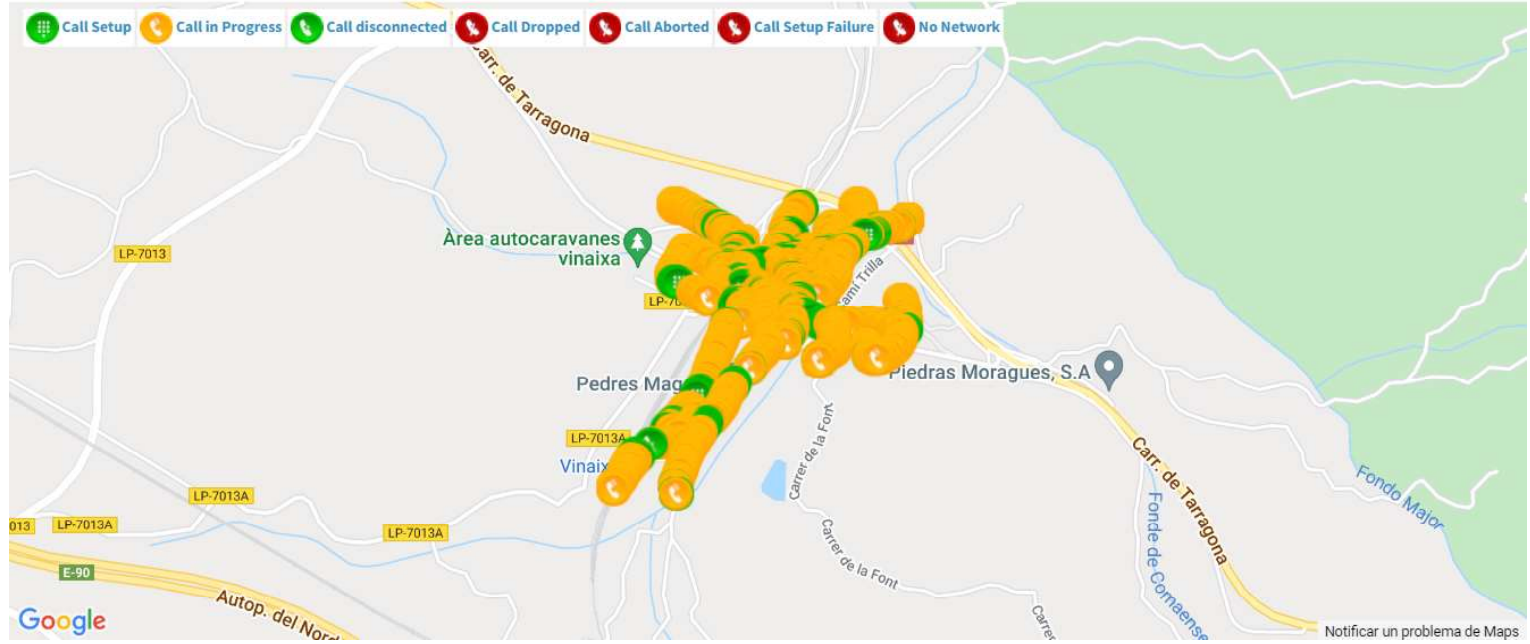


# Voice call test report



Call test view of mobile operators for 21401\_vodafone ES

## VODAFONE SERVEI DE VEU, MAPA DE TRUCADES, VINAIXA



Call test KPI statistics per mobile operator for 21401\_vodafone ES

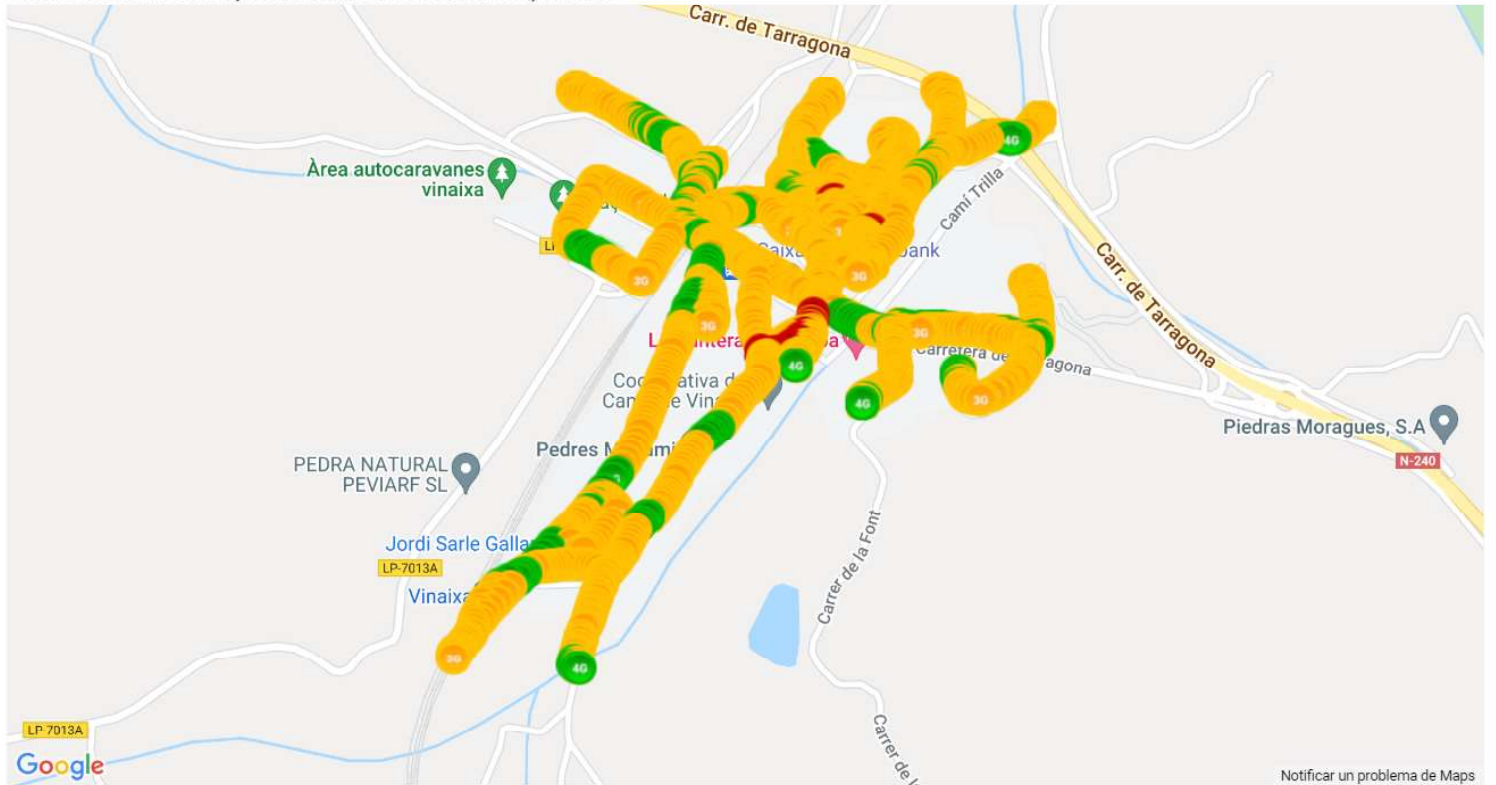
Operators	21401
Total Calls Success	55
Total Calls Attempted	55
Total Calls Failed	0
Dropped Calls	0
Aborted Calls	0
CallSetup Failed	0
No Network <a href="#">?</a>	0
Attempted Voice call on 2G <a href="#">?</a>	0
Attempted Voice call on 3G <a href="#">?</a>	37
Successful CSFB call to 3G <a href="#">?</a>	17

## User perceived mobile network coverage during tests



mobile network coverage during tests for operators 21401\_vodafone ES

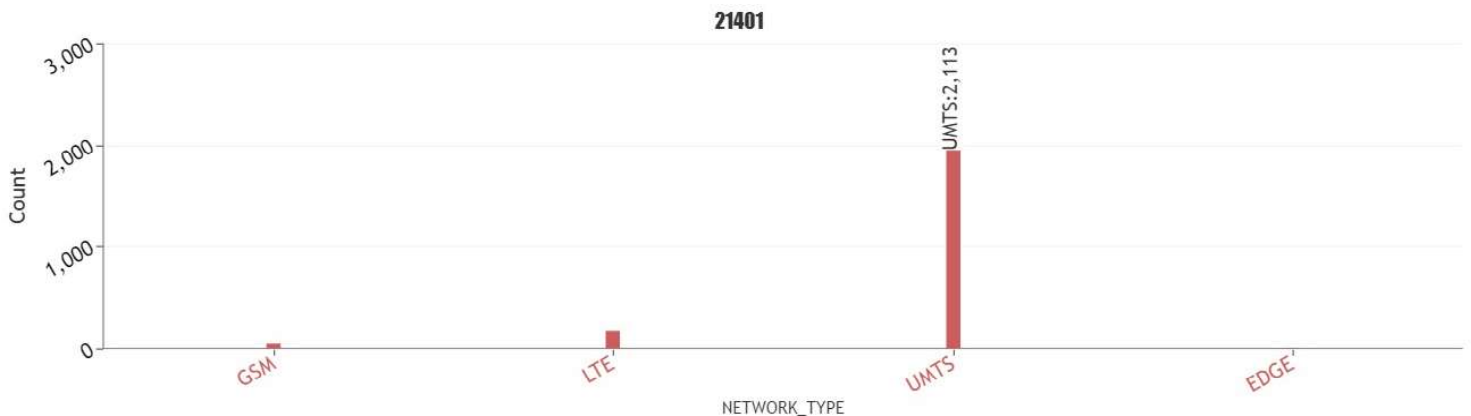
VODAFONE SERVEI DE VEU, ACCÉS A XARXES DE L'OPERADOR, VINAIXA



RAN technology statistics per mobile network operator for 21401\_vodafone ES

Network Type	21401
5G	0.0000%
4G	7.5095%
3G	89.6479%
2G	2.8426%
CDMA	0.0000%
NONNETWORK	0.0000%
Total Geo samples	2357

RAN technology distribution chart per mobile network operator for 21401\_vodafone ES

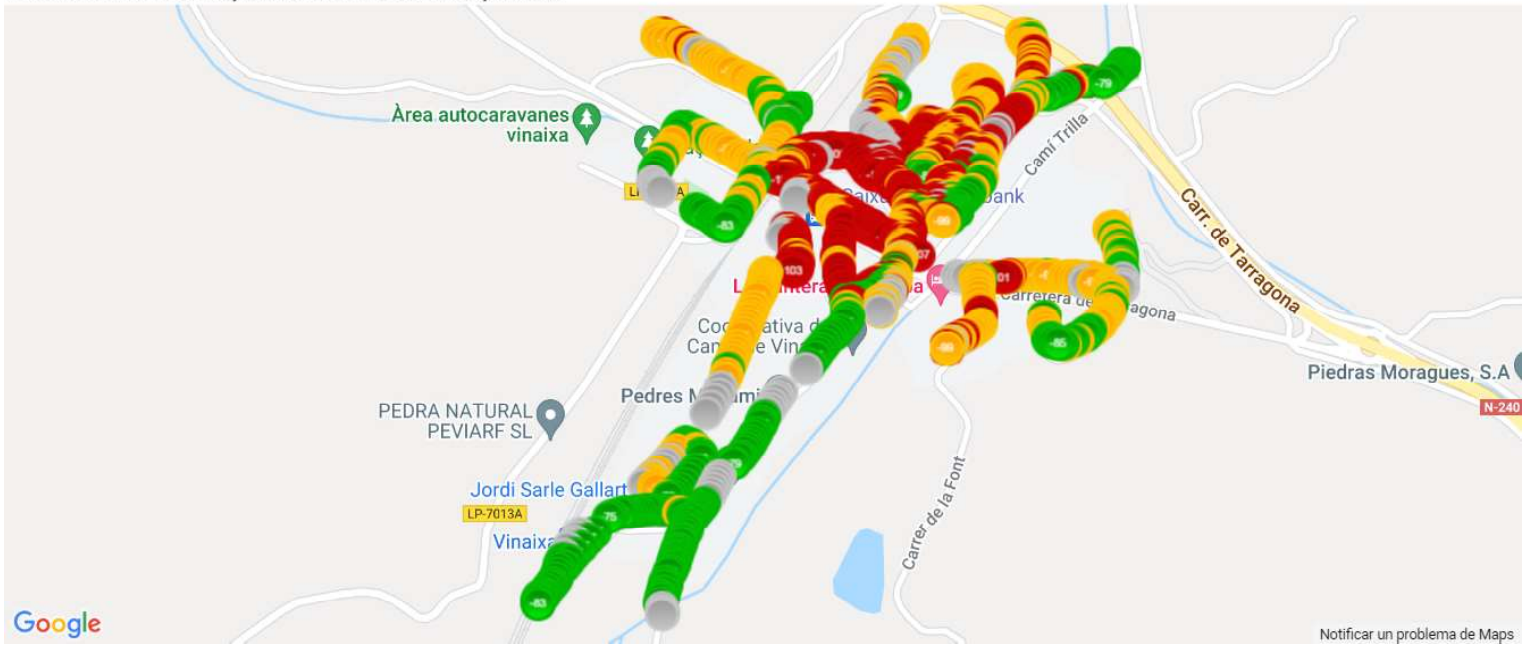


# RSSI view



RSSI KPI statistics per mobile operator for operator 21401\_vodafone ES

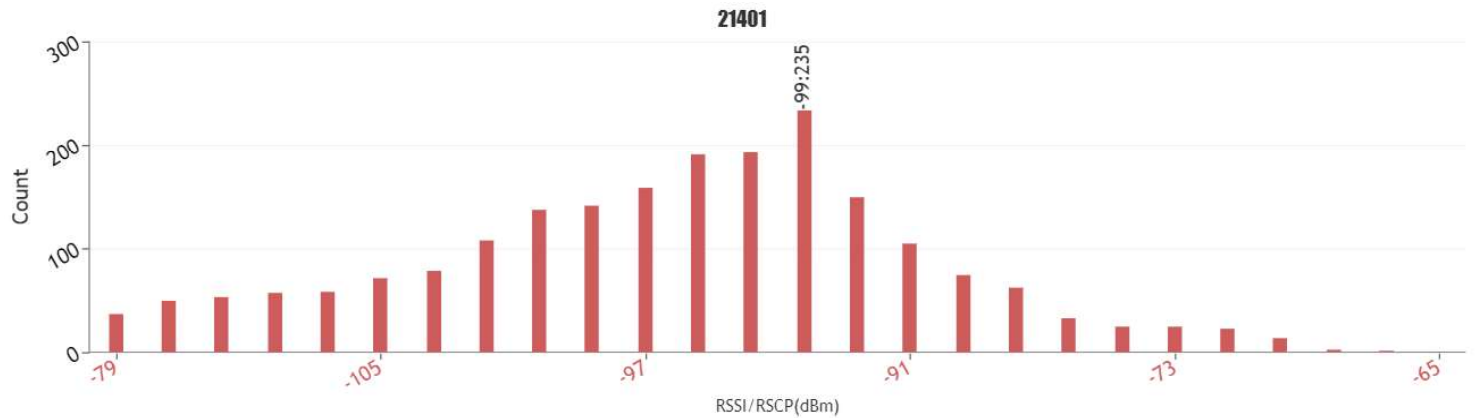
VODAFONE SERVEI DE VEU, MAPA DE NIVELL DE SENYAL, VINAIXA



RSSI KPI statistics per mobile operator for 21401\_vodafone ES

Operators	21401
<b>&gt;= -89dBm</b>	22.1108 % (count : 463)
<b>B/w -99dBm to -90dBm</b>	39.6371 % (count : 830)
<b>B/w -112dBm to -100dBm</b>	29.1309 % (count : 610)
<b>&lt; -113dBm</b>	9.1213 % (count : 191)
Total Geo samples	2094

RSSI distribution chart per mobile operator for 21401\_vodafone ES



# RantCell User QoE test report



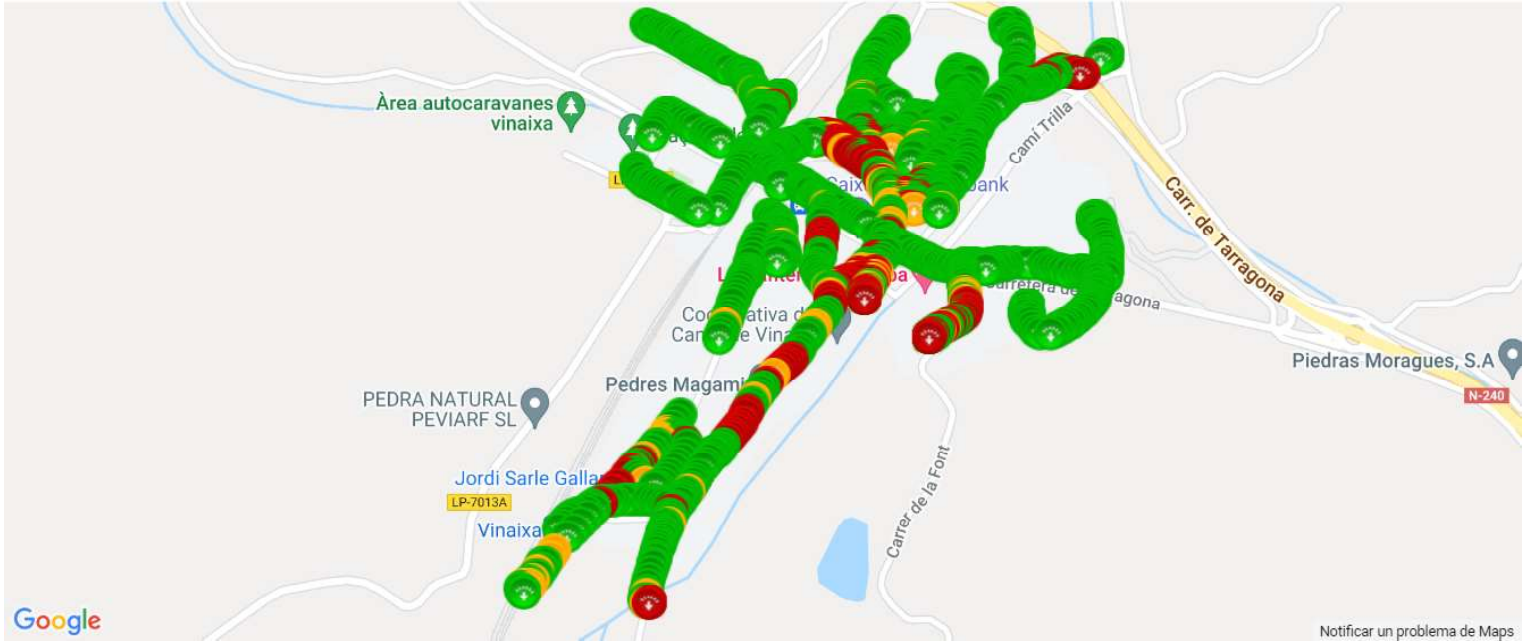
OperatorName	21401_vodafone ES
Test phone Model/Models	Samsung SM-A226B
Report Generation Time	Mar 28, 2022 12:23:47 PM
Test StartTime	Mar 25, 2022 11:20:27 AM
Test EndTime	Mar 25, 2022 12:04:37 PM
Download Speed Test	Yes

## Download speed test report

Download speed test view for 21401\_vodafone ES



### VODAFONE SERVEI DE DADES, MAPA DE VELOCITATS DE DESCÀRREGA, VINAIXA

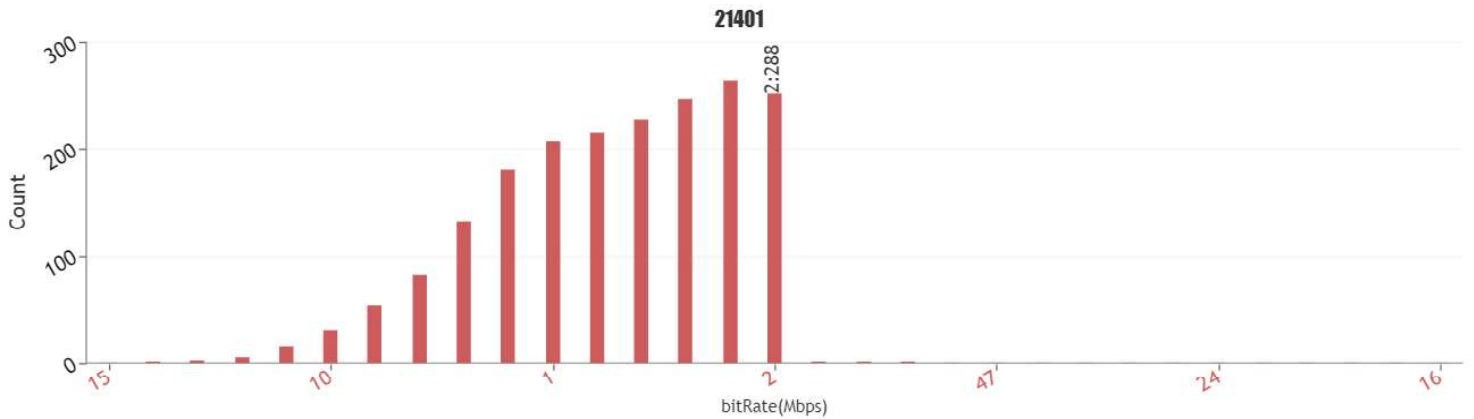


Notificar un problema de Maps

### Download test KPI statistics per mobile operator for 21401\_vodafone ES

Operators	21401
above 1.2Mbps	81.2532 % (count : 1608)
0.4Mbps - 1.2Mbps	7.0237 % (count : 139)
0Mbps - 0.4Mbps	11.7231 % (count : 232)
Average (mbps)	4.05
Peak Speed (mbps)	49.79
Lowest Recorded (mbps)	0
Total Geo samples	1979

### Download test distribution chart per mobile operators for 21401\_vodafone ES



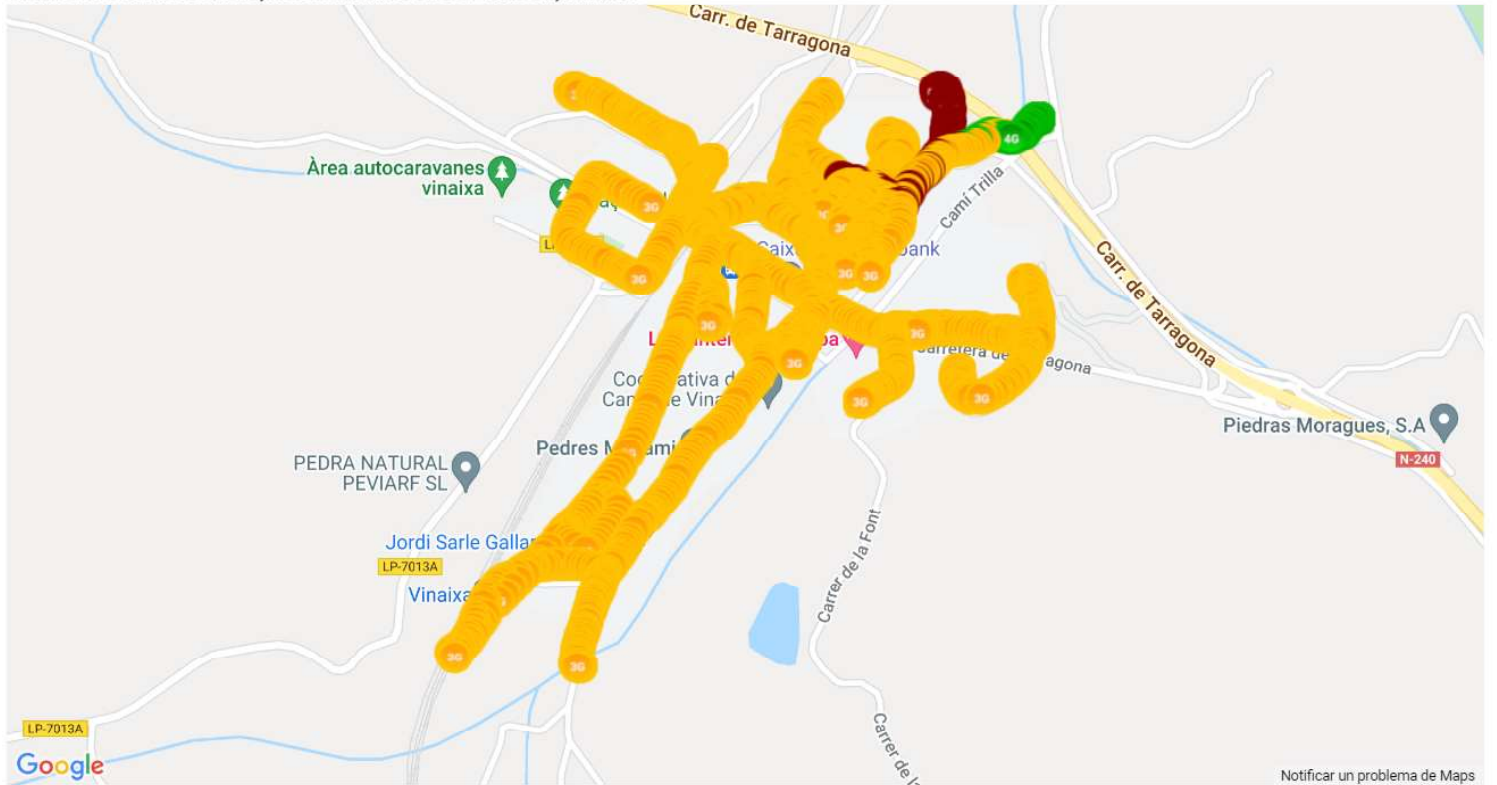
## User perceived mobile network coverage during tests



mobile network coverage during tests for operators 21401\_vodafone ES



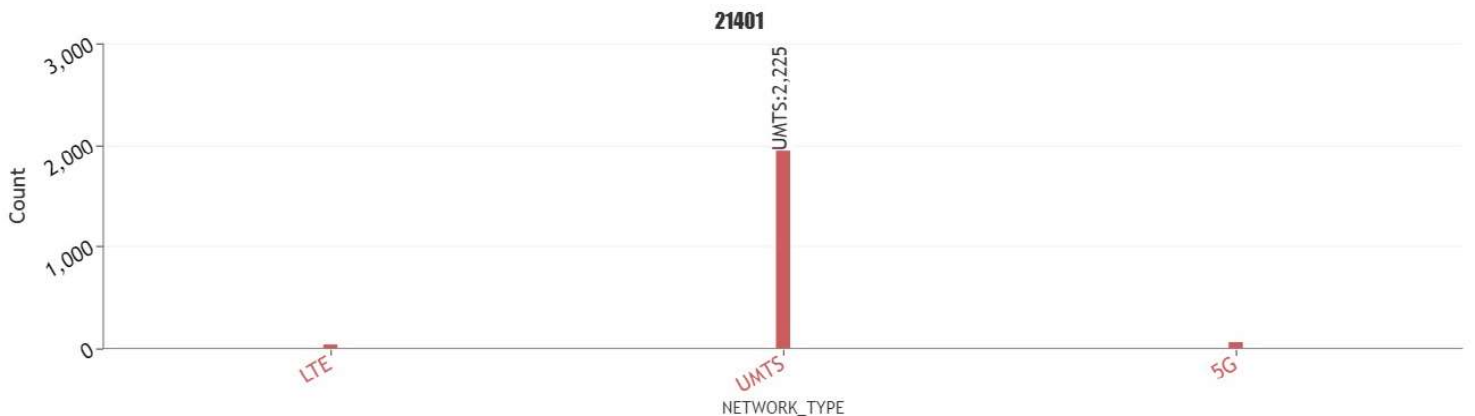
VODAFONE SERVEI DE DADES, ACCÉS A XARXES DE L'OPERADOR, VINAIXA



### RAN technology statistics per mobile network operator for 21401\_vodafone ES

Network Type	21401
5G	2.9085%
4G	1.9247%
3G	95.1668%
2G	0.0000%
CDMA	0.0000%
NONNETWORK	0.0000%
Total Geo samples	2338

### RAN technology distribution chart per mobile network operator for 21401\_vodafone ES

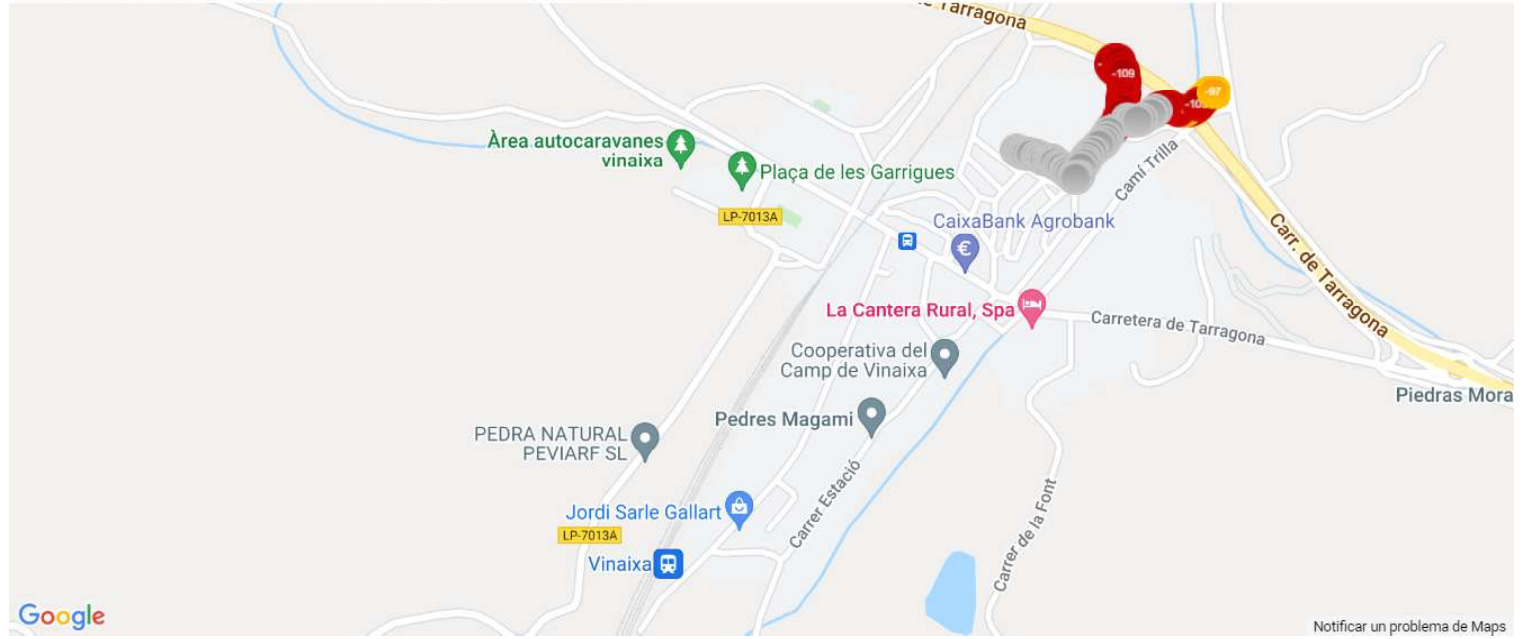




## RSRP view

RSRP KPI statistics per mobile operator for operator 21401\_vodafone ES

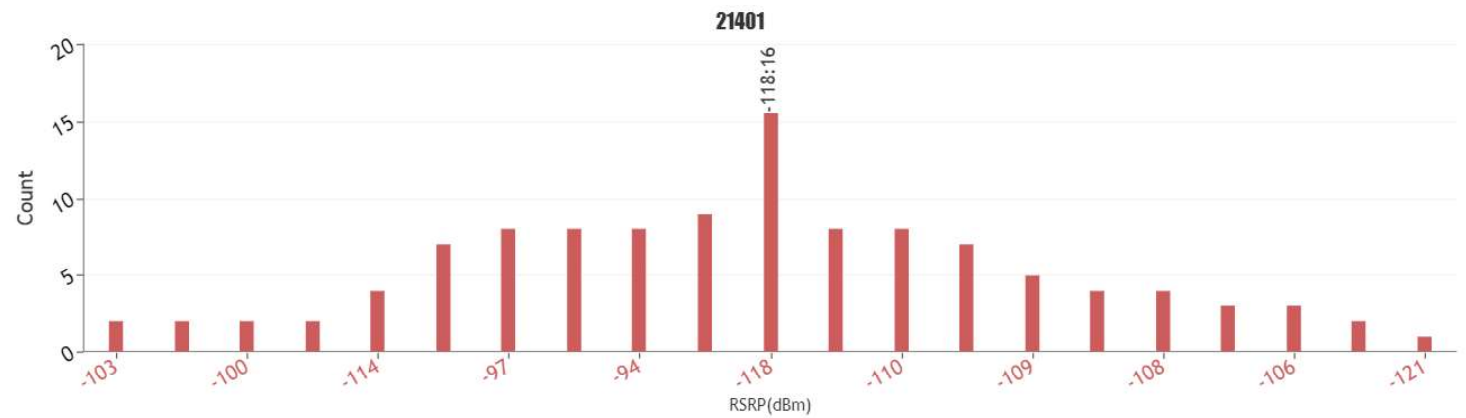
VODAFONE SERVEI DE DADES, MAPA DE NIVELL DE SENYAL 4G/5G, VINAIXA



RSRP KPI statistics per mobile operator for 21401\_vodafone ES

Operators	21401
<b>&gt;= -89dBm</b>	0 % (count : 0)
<b>B/w -99dBm to -90dBm</b>	29.2035 % (count : 33)
<b>B/w -112dBm to -100dBm</b>	31.8584 % (count : 36)
<b>&lt;= -113dBm</b>	38.9381 % (count : 44)
Total Geo samples	113

RSRP distribution chart per mobile operator for 21401\_vodafone ES

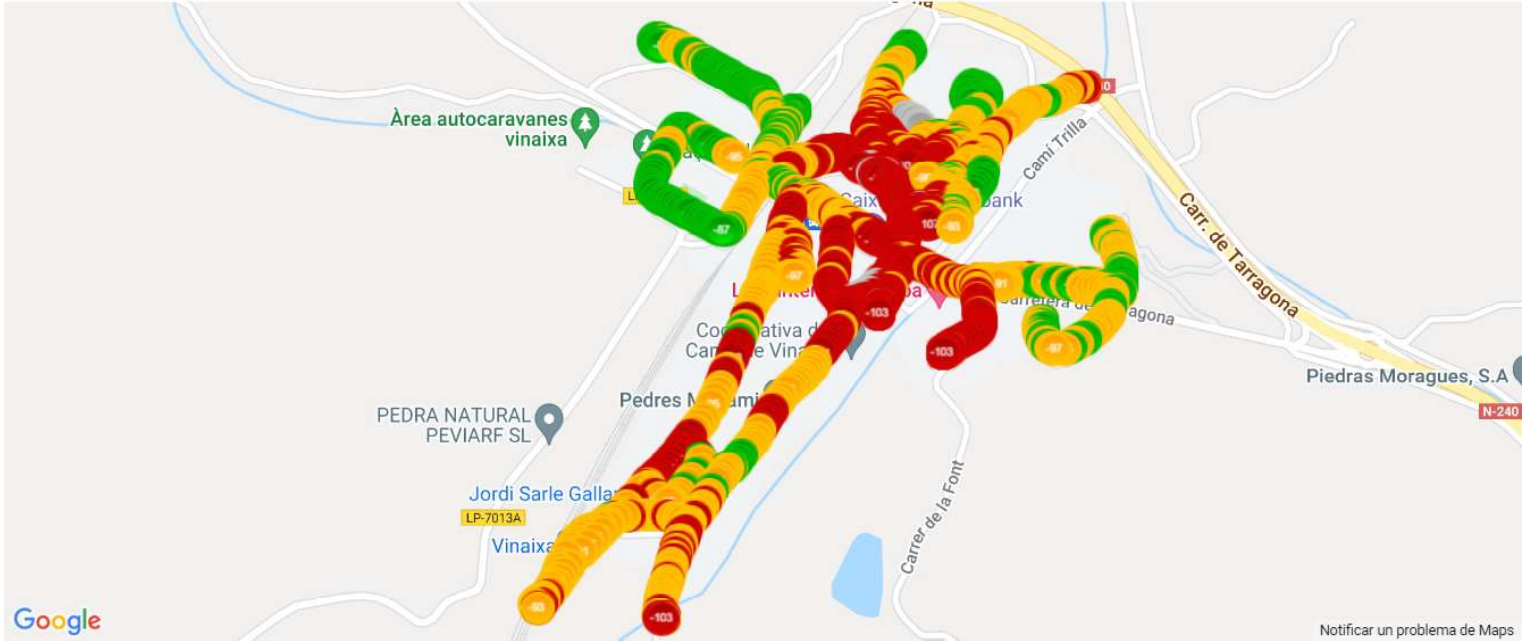


## RSSI view



RSSI KPI statistics per mobile operator for operator 21401\_vodafone ES

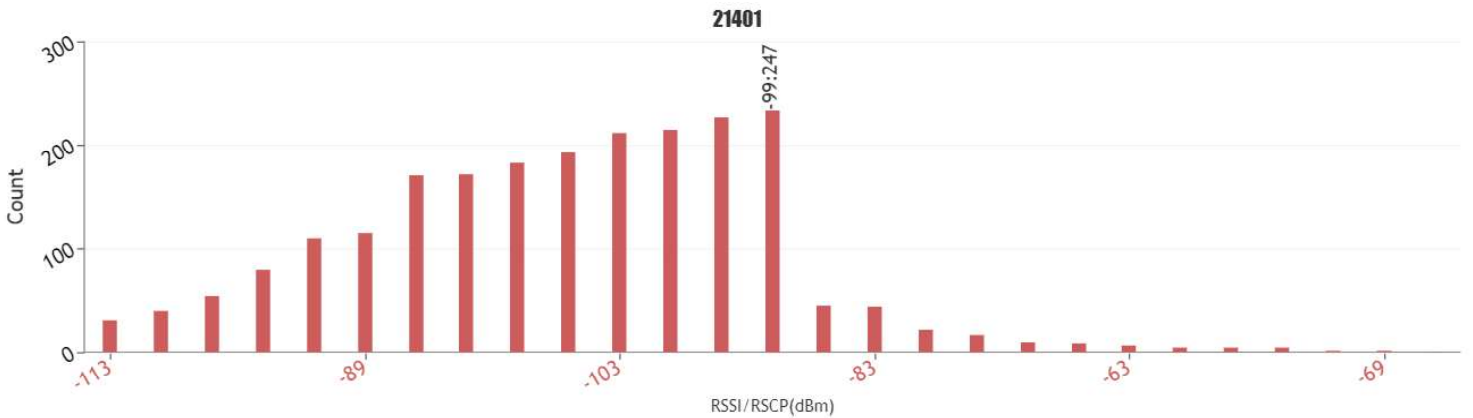
VODAFONE SERVEI DE DADES, MAPA DE NIVELL DE SENYAL 3G, VINAIXA



RSSI KPI statistics per mobile operator for 21401\_vodafone ES

Operators	21401
<b>&gt;= -89dBm</b>	15.4607 % (count : 344)
<b>B/w -99dBm to -90dBm</b>	40.6742 % (count : 905)
<b>B/w -112dBm to -100dBm</b>	42.4719 % (count : 945)
<b>&lt; -113dBm</b>	1.3933 % (count : 31)
Total Geo samples	2225

RSSI distribution chart per mobile operator for 21401\_vodafone ES



# RantCell User QoE test report

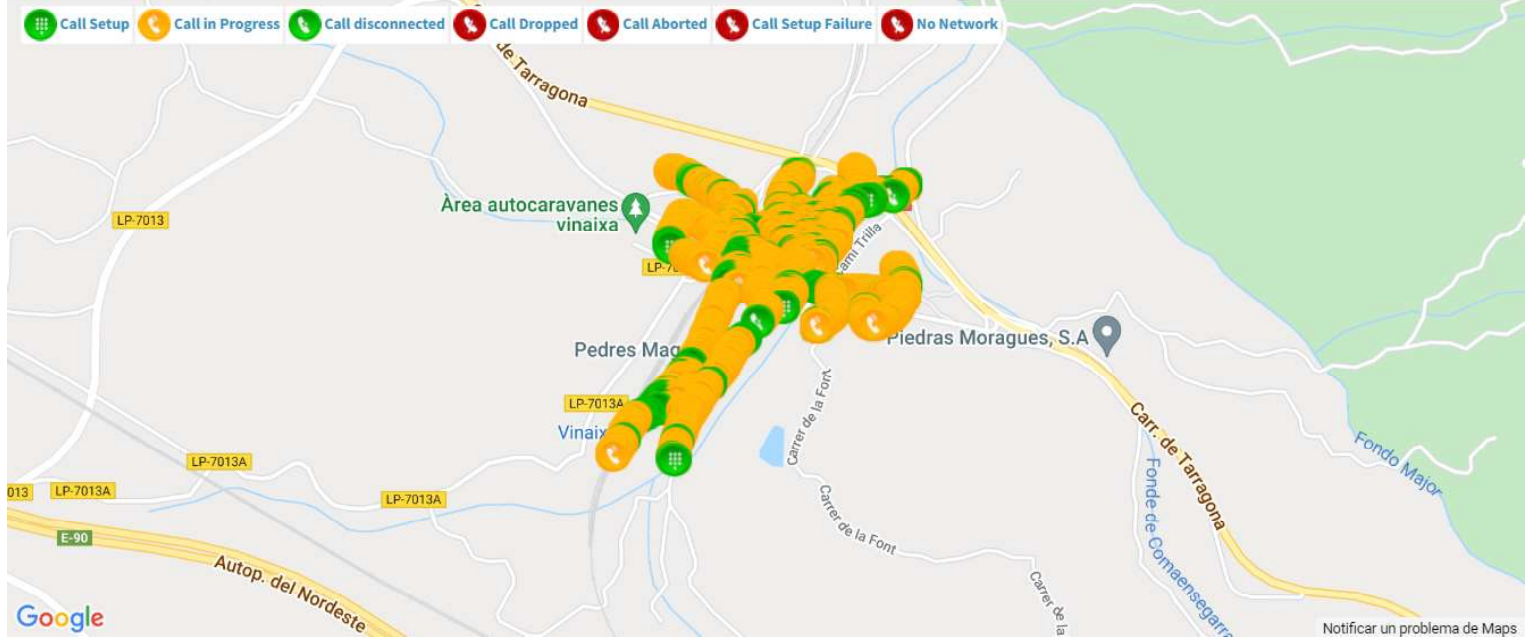


OperatorName	21403_Orange
Test phone Model/Models	Samsung SM-A226B
Report Generation Time	Mar 28, 2022 12:10:32 PM
Test StartTime	Mar 25, 2022 11:20:32 AM
Test EndTime	Mar 25, 2022 12:06:07 PM
Voice Call Test	Yes

# Voice call test report

Call test view of mobile operators for 21403\_Orange

## ORANGE SERVEI DE VEU, MAPA DE TRUCADES, VINAIXA



## Call test KPI statistics per mobile operator for 21403\_Orange

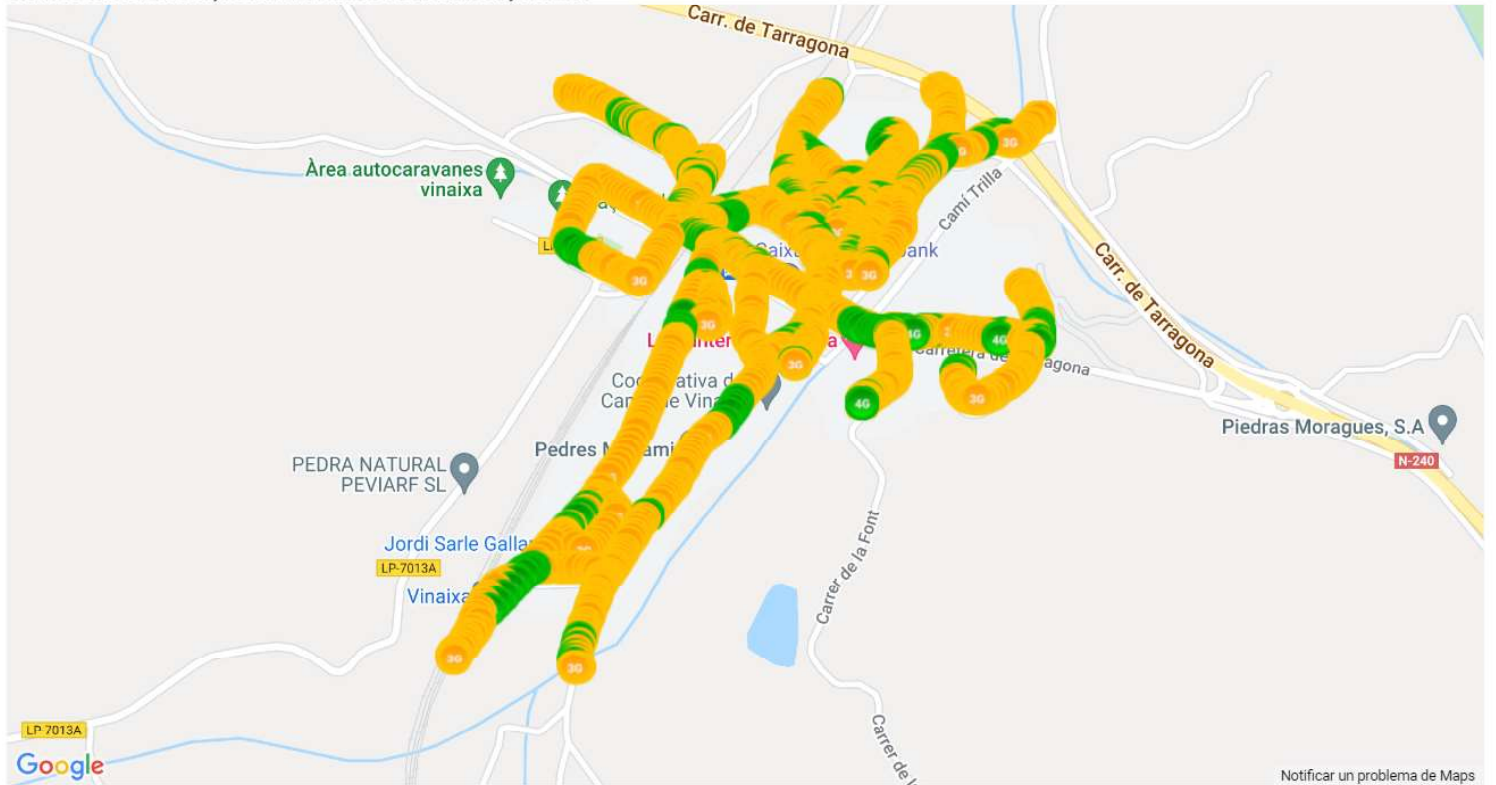
Operators	21403
Total Calls Success	56
Total Calls Attempted	57
Total Calls Failed	1
Dropped Calls	0
Aborted Calls	0
CallSetup Failed	1
No Network <a href="#">?</a>	0
Attempted Voice call on 2G <a href="#">?</a>	0
Attempted Voice call on 3G <a href="#">?</a>	16
Attempted Voice call on 4G (VoLTE) <a href="#">?</a>	1
Successful CSFB call to 3G <a href="#">?</a>	40

# User perceived mobile network coverage during tests



mobile network coverage during tests for operators 21403\_Orange

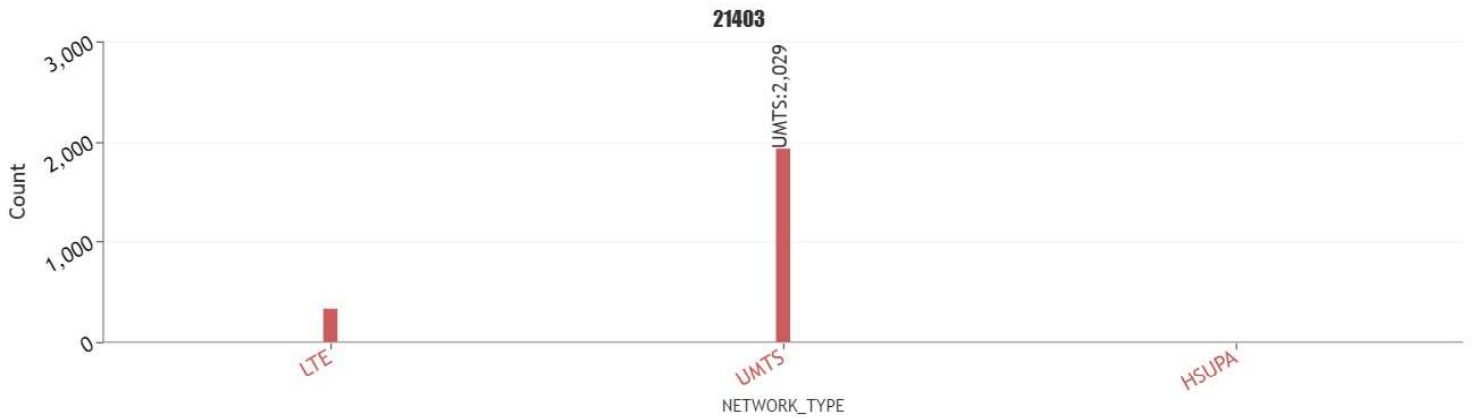
ORANGE SERVEI DE VEU, ACCÉS A XARXES DE L'OPERADOR, VINAIXA



## RAN technology statistics per mobile network operator for 21403\_Orange

Network Type	21403
5G	0.0000%
4G	14.2012%
3G	85.7988%
2G	0.0000%
CDMA	0.0000%
NONNETWORK	0.0000%
Total Geo samples	2366

## RAN technology distribution chart per mobile network operator for 21403\_Orange

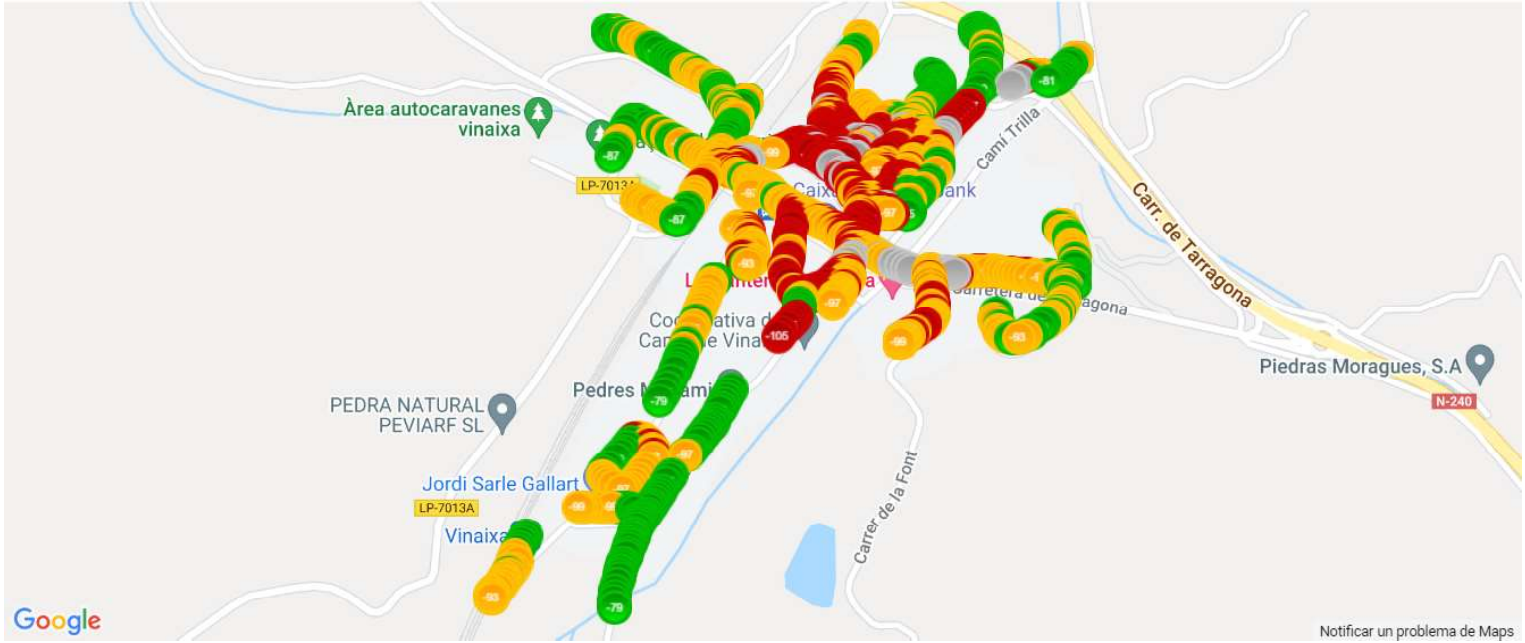


## RSSI view



RSSI KPI statistics per mobile operator for operator 21403\_Orange

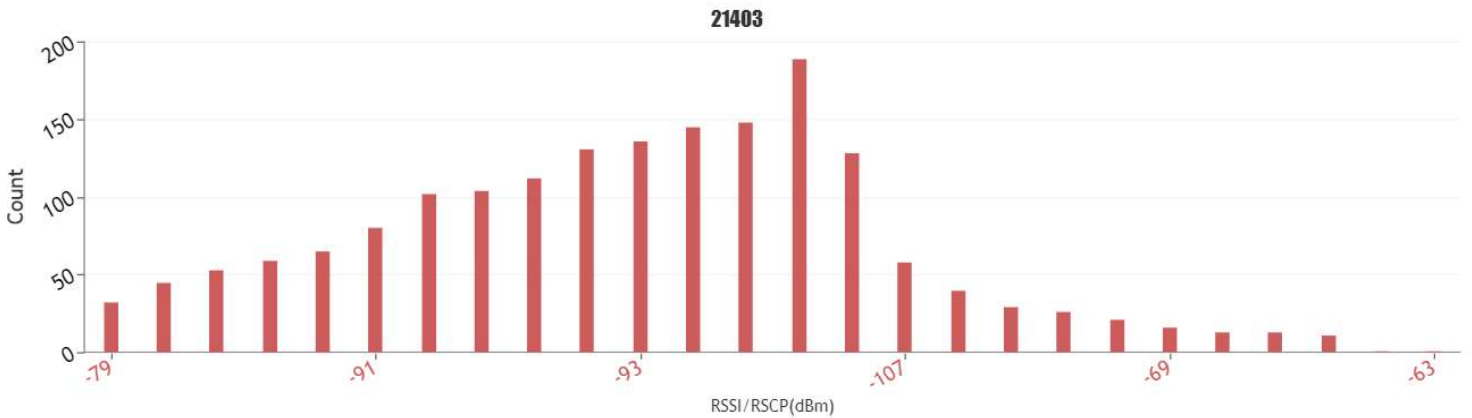
ORANGE SERVEI DE VEU, MAPA DE NIVELL DE SENYAL, VINAIXA



RSSI KPI statistics per mobile operator for 21403\_Orange

Operators	21403
<b>&gt;= -89dBm</b>	26.3367 % (count : 463)
<b>B/w -99dBm to -90dBm</b>	39.7042 % (count : 698)
<b>B/w -112dBm to -100dBm</b>	28.1570 % (count : 495)
<b>&lt; -113dBm</b>	5.8020 % (count : 102)
Total Geo samples	1758

RSSI distribution chart per mobile operator for 21403\_Orange





# RantCell User QoE test report



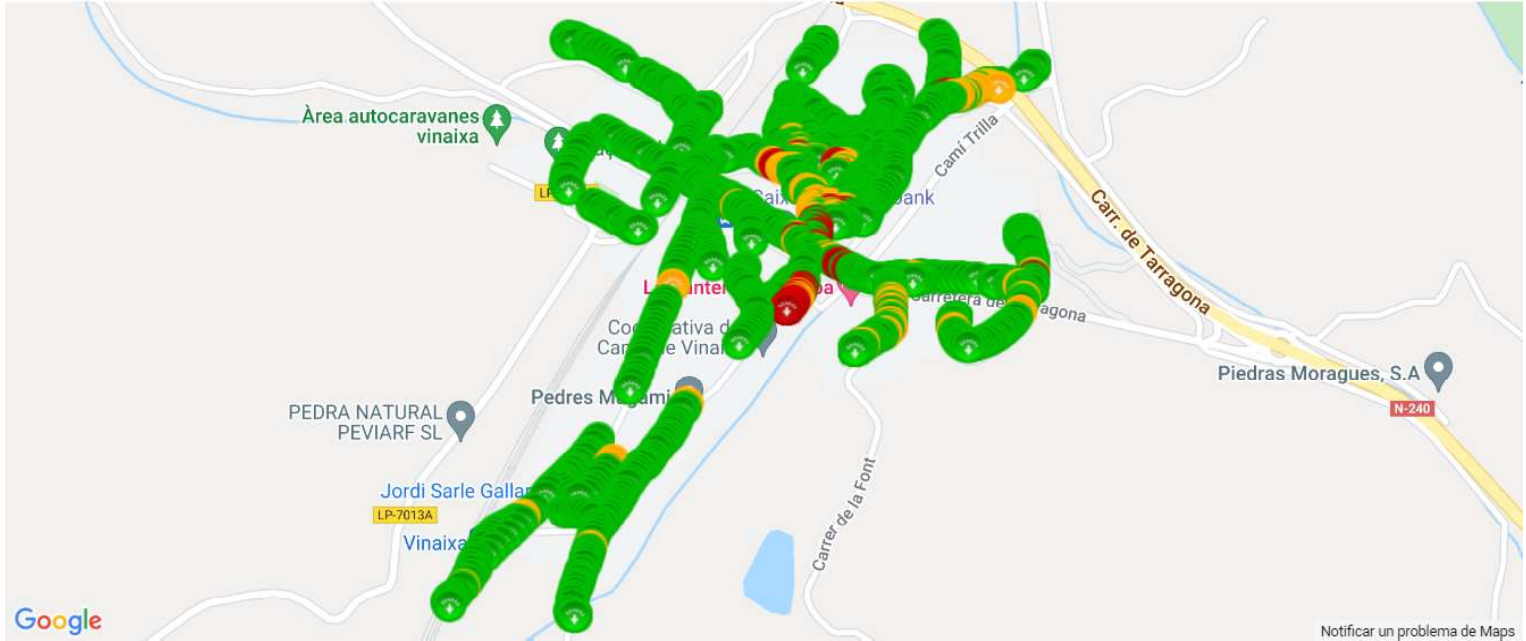
OperatorName	21403_Orange
Test phone Model/Models	Samsung SM-A226B
Report Generation Time	Mar 28, 2022 12:14:00 PM
Test StartTime	Mar 25, 2022 11:20:26 AM
Test EndTime	Mar 25, 2022 12:04:39 PM
Download Speed Test	Yes

## Download speed test report

Download speed test view for 21403\_Orange



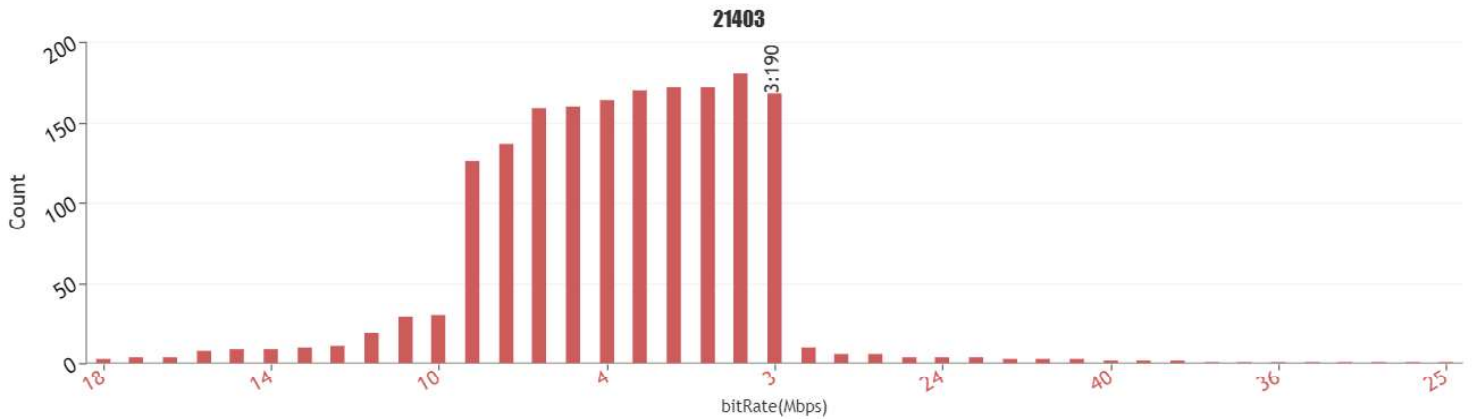
ORANGE SERVEI DE DADES, MAPA DE VELOCITATS DE DESCÀRREGA, VINAIXA



Download test KPI statistics per mobile operator for 21403\_Orange

Operators	21403
above 1.2Mbps	84.4298 % (count : 1540)
0.4Mbps - 1.2Mbps	7.1820 % (count : 131)
0Mbps - 0.4Mbps	8.3882 % (count : 153)
Average (mbps)	5.71
Peak Speed (mbps)	45.62
Lowest Recorded (mbps)	0
Total Geo samples	1824

Download test distribution chart per mobile operators for 21403\_Orange

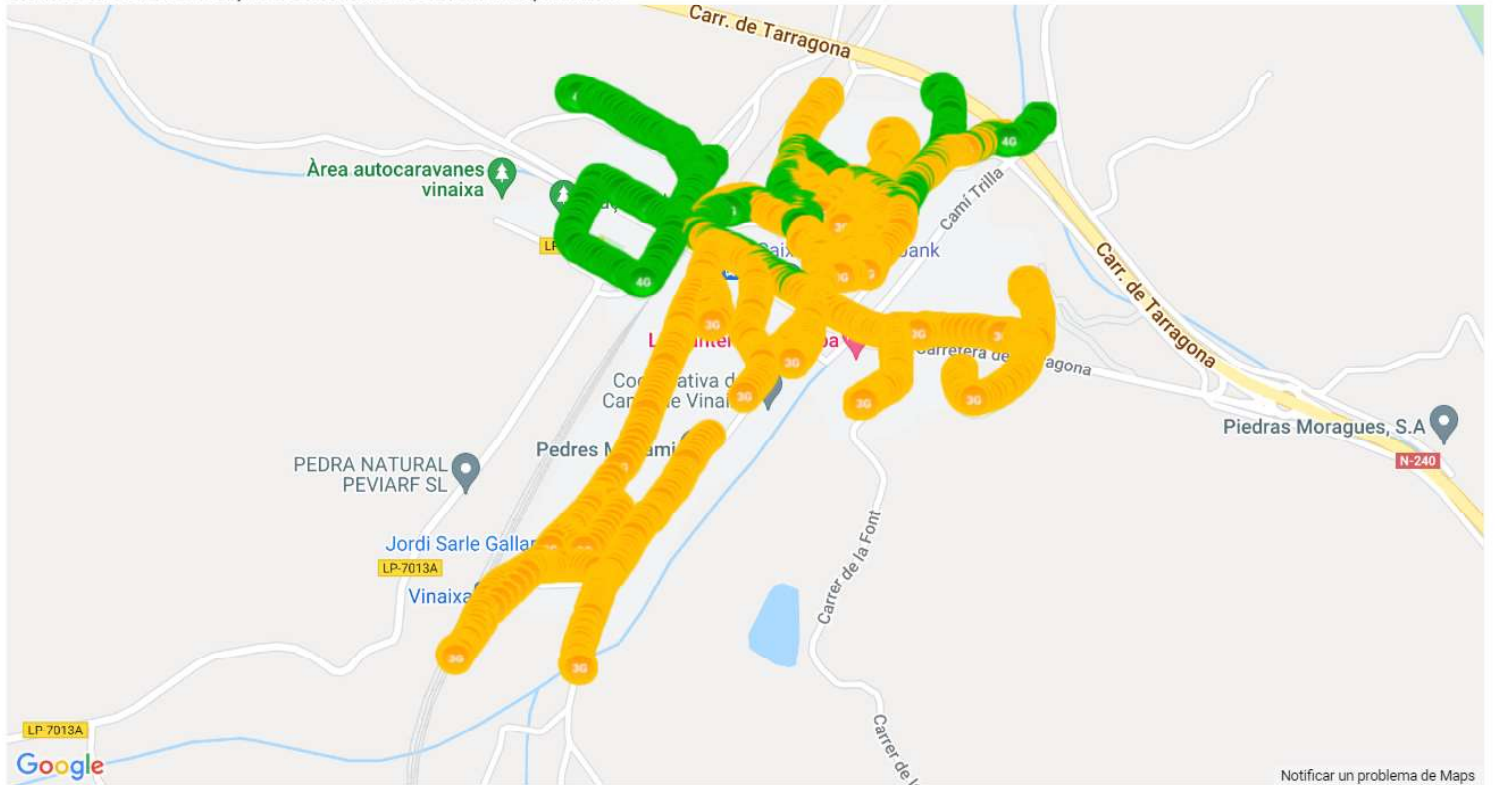


## User perceived mobile network coverage during tests



mobile network coverage during tests for operators 21403\_Orange

ORANGE SERVEI DE DADES, ACCÉS A XARRES DE L'OPERADOR, VINAIXA



## RAN technology statistics per mobile network operator for 21403\_Orange

Network Type	21403
5G	0.0000%
4G	23.0636%
3G	76.9364%
2G	0.0000%
CDMA	0.0000%
NONNETWORK	0.0000%
Total Geo samples	2311

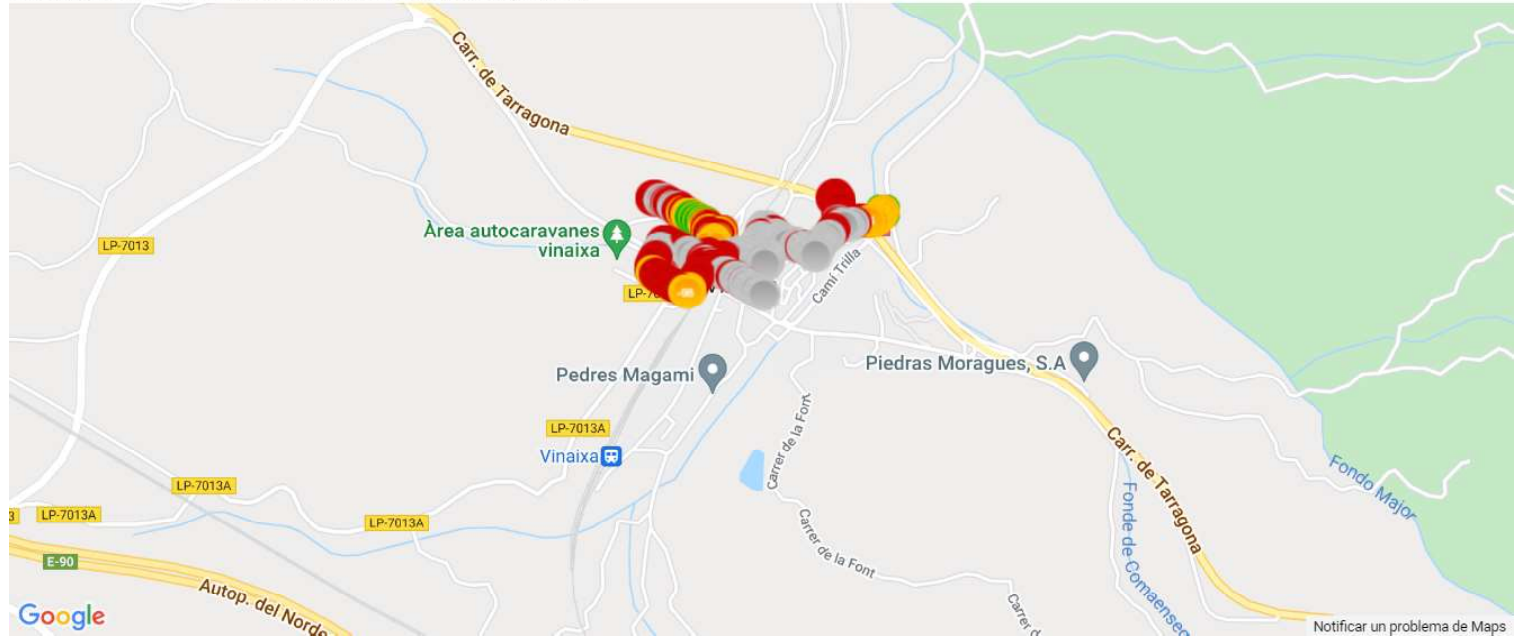
## RAN technology distribution chart per mobile network operator for 21403\_Orange



## RSRP view

RSRP KPI statistics per mobile operator for operator 21403\_Orange

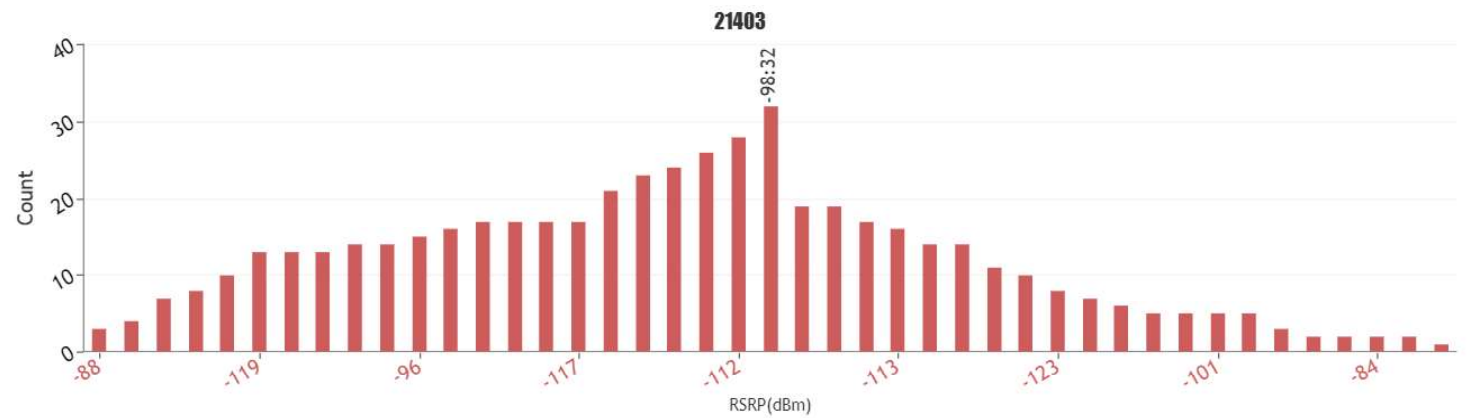
ORANGE SERVEI DE DADES, MAPA DE NIVELL DE SENYAL 4G, VINAIXA



RSRP KPI statistics per mobile operator for 21403\_Orange

Operators	21403
>= to -89dBm	4.3810 % (count : 23)
B/w -99dBm to -90dBm	20.5714 % (count : 108)
B/w -112dBm to -100dBm	44.0000 % (count : 231)
<= -113dBm	31.0476 % (count : 163)
Total Geo samples	525

RSRP distribution chart per mobile operator for 21403\_Orange

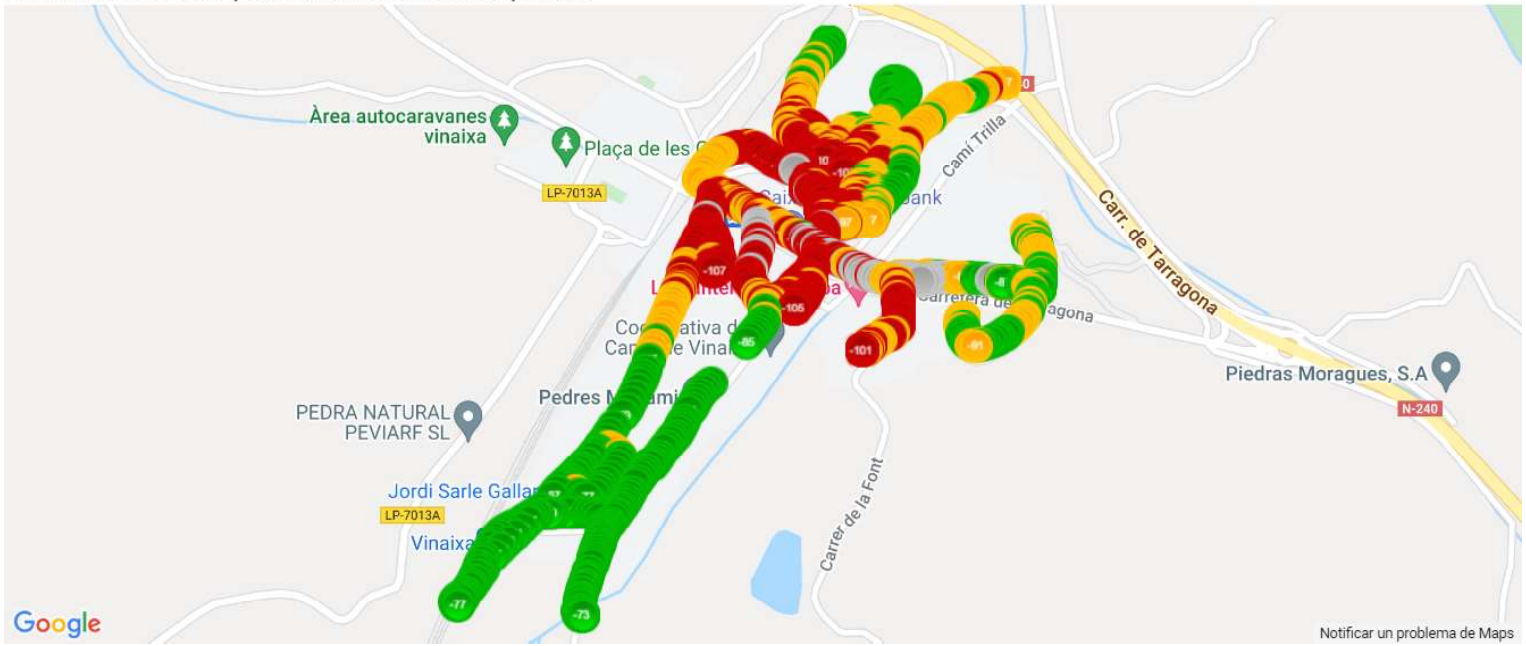


## RSSI view



RSSI KPI statistics per mobile operator for operator 21403\_Orange

ORANGE SERVEI DE DADES, MAPA DE NIVELL DE SENYAL 3G, VINAIXA



RSSI KPI statistics per mobile operator for 21403\_Orange

Operators	21403
<b>&gt;= -89dBm</b>	23.1721 % (count : 412)
<b>B/w -99dBm to -90dBm</b>	28.3465 % (count : 504)
<b>B/w -112dBm to -100dBm</b>	44.6569 % (count : 794)
<b>&lt; -113dBm</b>	3.8245 % (count : 68)
Total Geo samples	1778

RSSI distribution chart per mobile operator for 21403\_Orange

