

RantCell User QoE test report

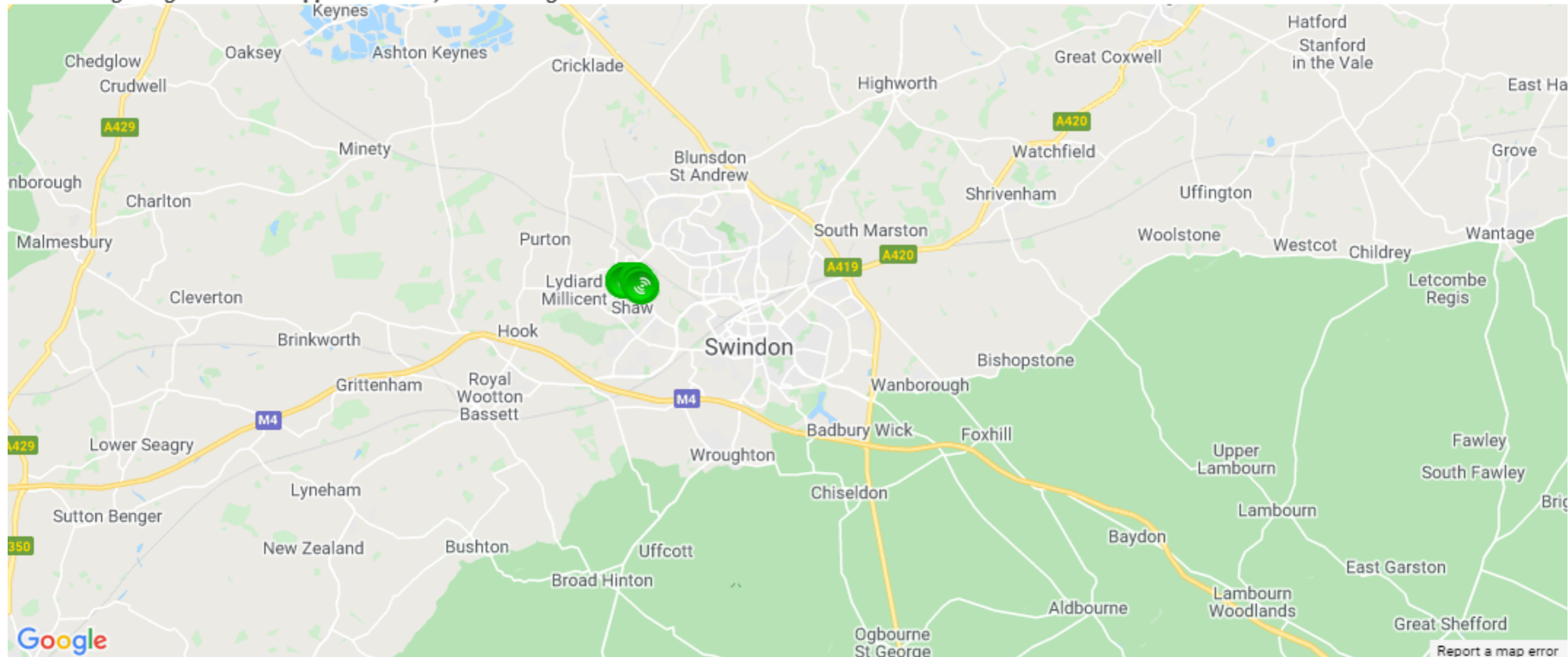


OperatorName	23415_vodafone UK
Test phone Model/Models	Samsung SM-G781B
Report Generation Time	Aug 4, 2021 5:22:10 PM
Test StartTime	Jul 3, 2021 3:16:35 PM
Test EndTime	Jul 7, 2021 9:12:11 PM
Ping Test	Yes
Download Speed Test	Yes
Upload Speed Test	Yes

Latency test report

Latency test view (Ping Test) for 23415_vodafone UK

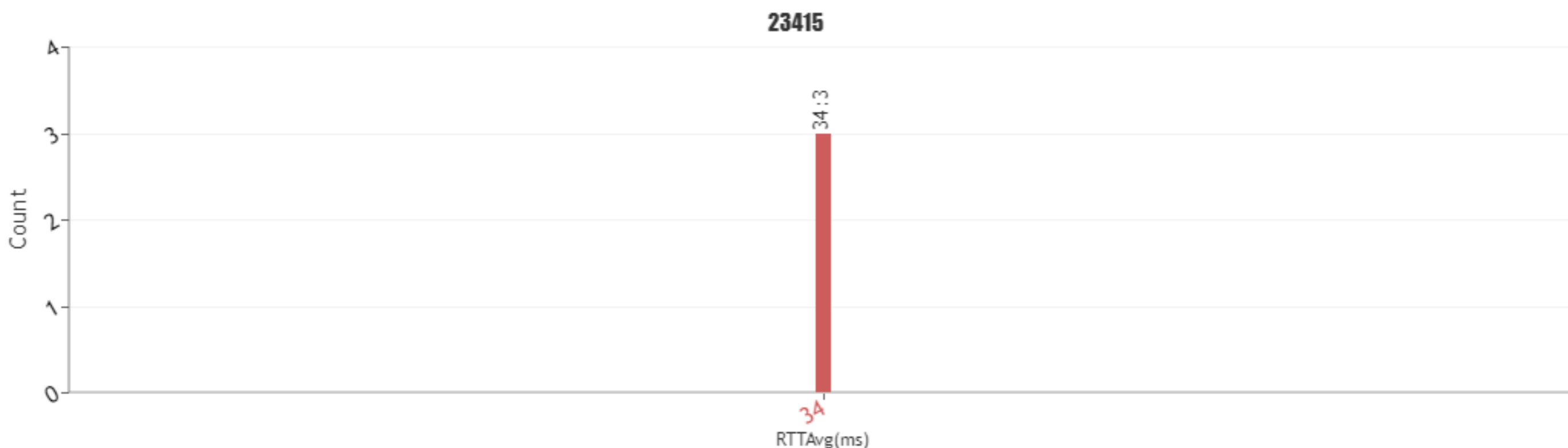
Drive testing using Rantcell Pro app on Android , drive testing on Vodafone UK network.



Latency KPI statistics per mobile operator for 23415_vodafone UK

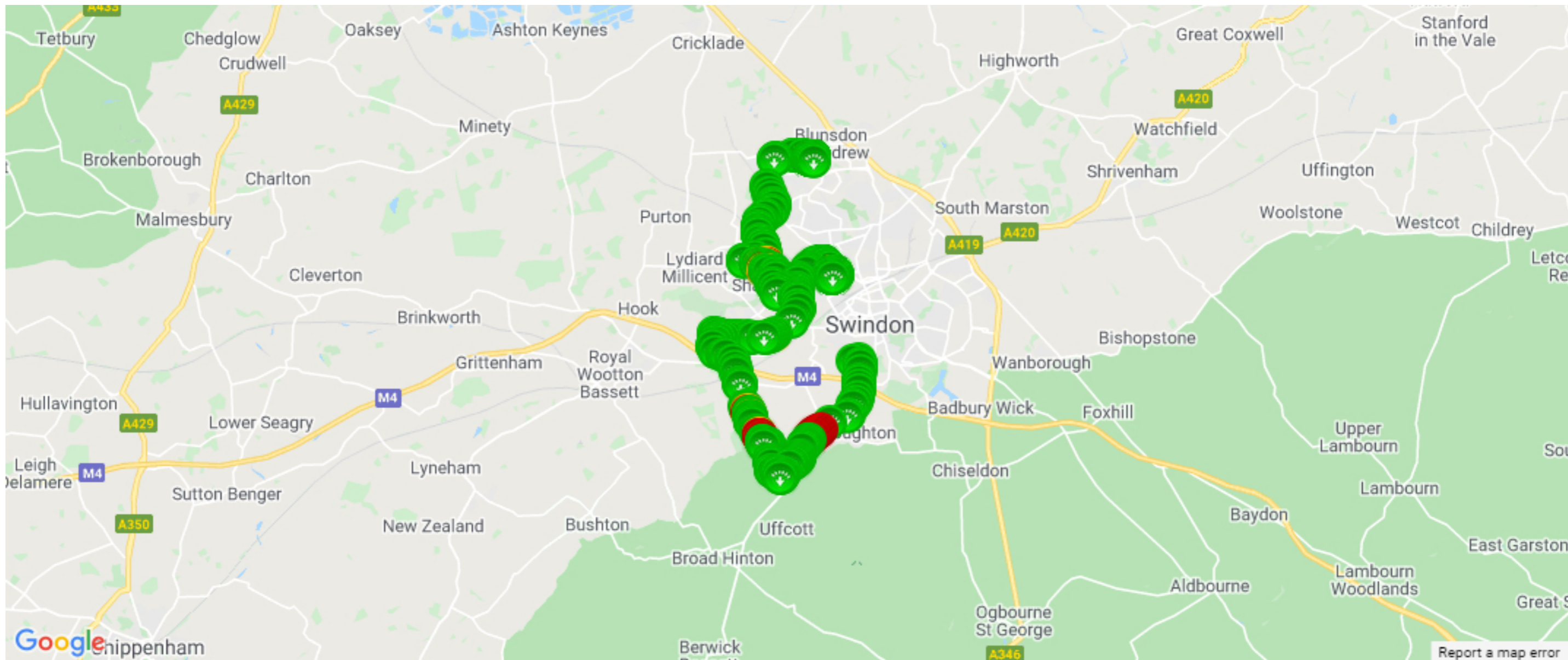
Latency	23415
0ms - 120ms	100.0000 % (count : 3)
>= 121ms	0 % (count : 0)
Dropped Packets	0 % (count : 0)
Highest Latency (ms)	52
Lowest Latency (ms)	26
Total Geo samples	26

Latency distribution graph per mobile operator for 23415_vodafone UK



Download speed test report

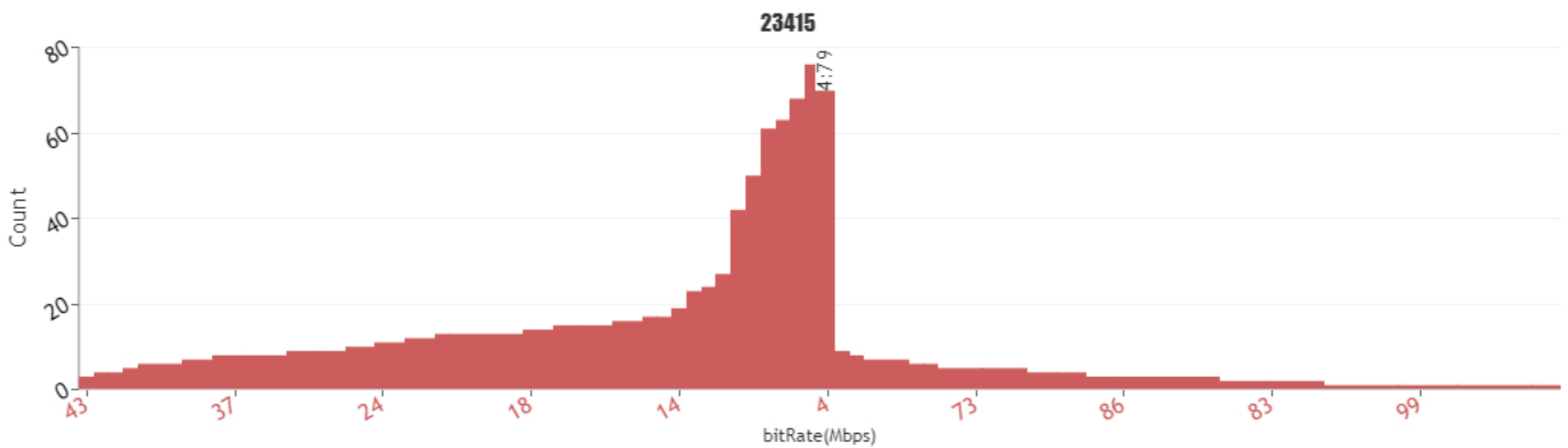
Download speed test view for 23415_vodafone UK



Download test KPI statistics per mobile operator for 23415_vodafone UK

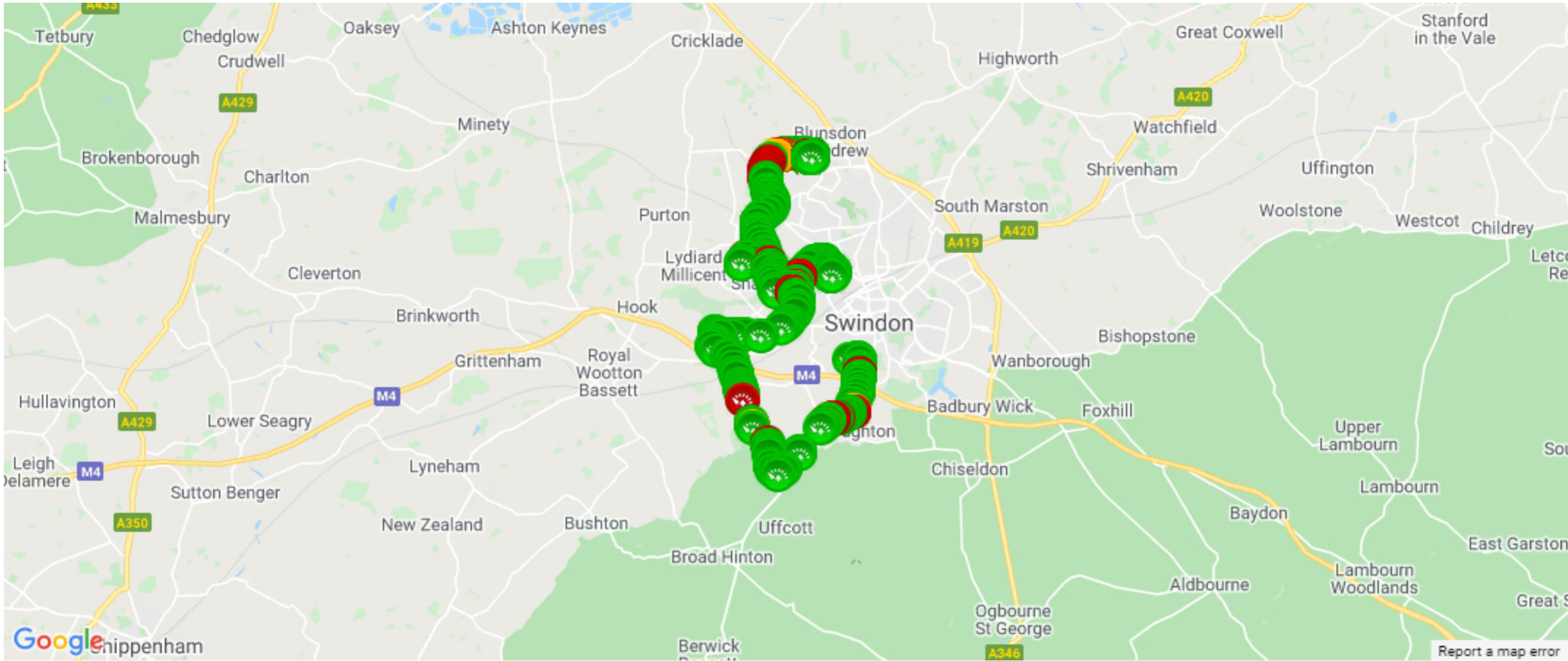
Operators	23415
above 1.2Mbps	91.1472 % (count : 1009)
0.4Mbps - 1.19Mbps	3.5230 % (count : 39)
0Mbps - 0.39Mbps	5.3297 % (count : 59)
Average (mbps)	21.67
Peak Speed (mbps)	124.78
Lowest Recorded (mbps)	0
Total Geo samples	1107

Download test distribution chart per mobile operators for 23415_vodafone UK



Upload speed test report

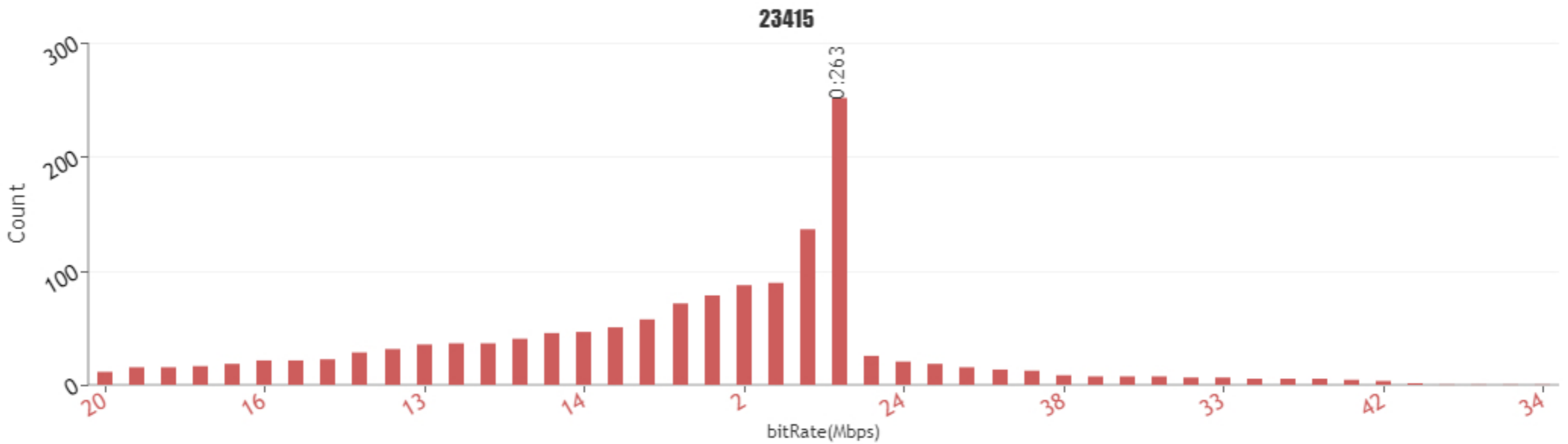
Upload speed test view for 23415_vodafone UK



Upload test KPI statistics per mobile operator for 23415_vodafone UK

Operators	23415
above 0.5Mbps	82.2177 % (count : 1216)
0.2Mbps - 0.49Mbps	5.0710 % (count : 75)
below 0.19Mbps	12.7113 % (count : 188)
Average (mbps)	9.35
Peak Speed (mbps)	45.41
Lowest Recorded (mbps)	0
Total Geo samples	1479

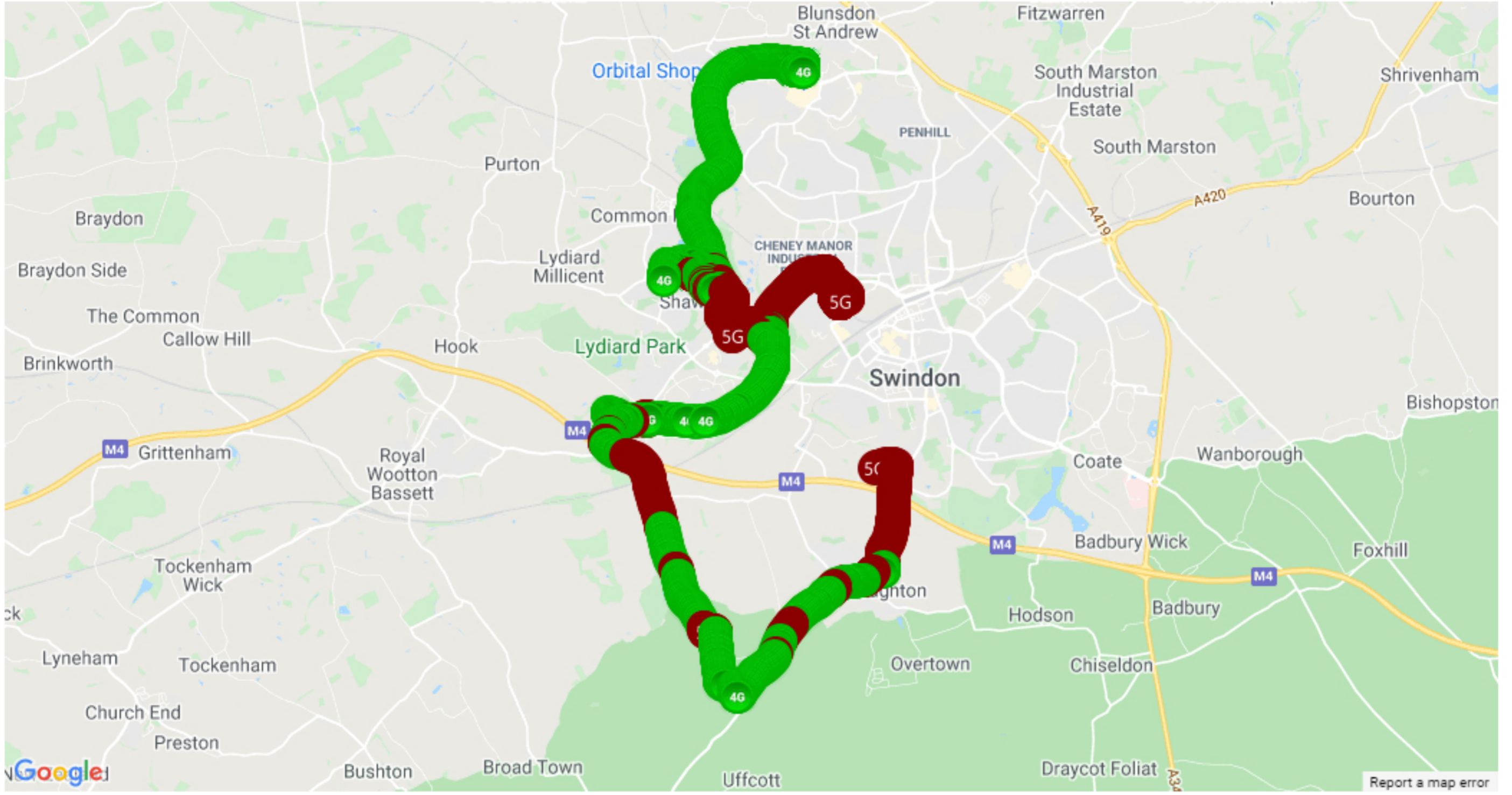
Upload test distribution chart per mobile operators for 23415_vodafone UK



User perceived mobile network coverage during tests



mobile network coverage during tests for operators 23415_vodafone UK



RAN technology statistics per mobile network operator for 23415_vodafone UK

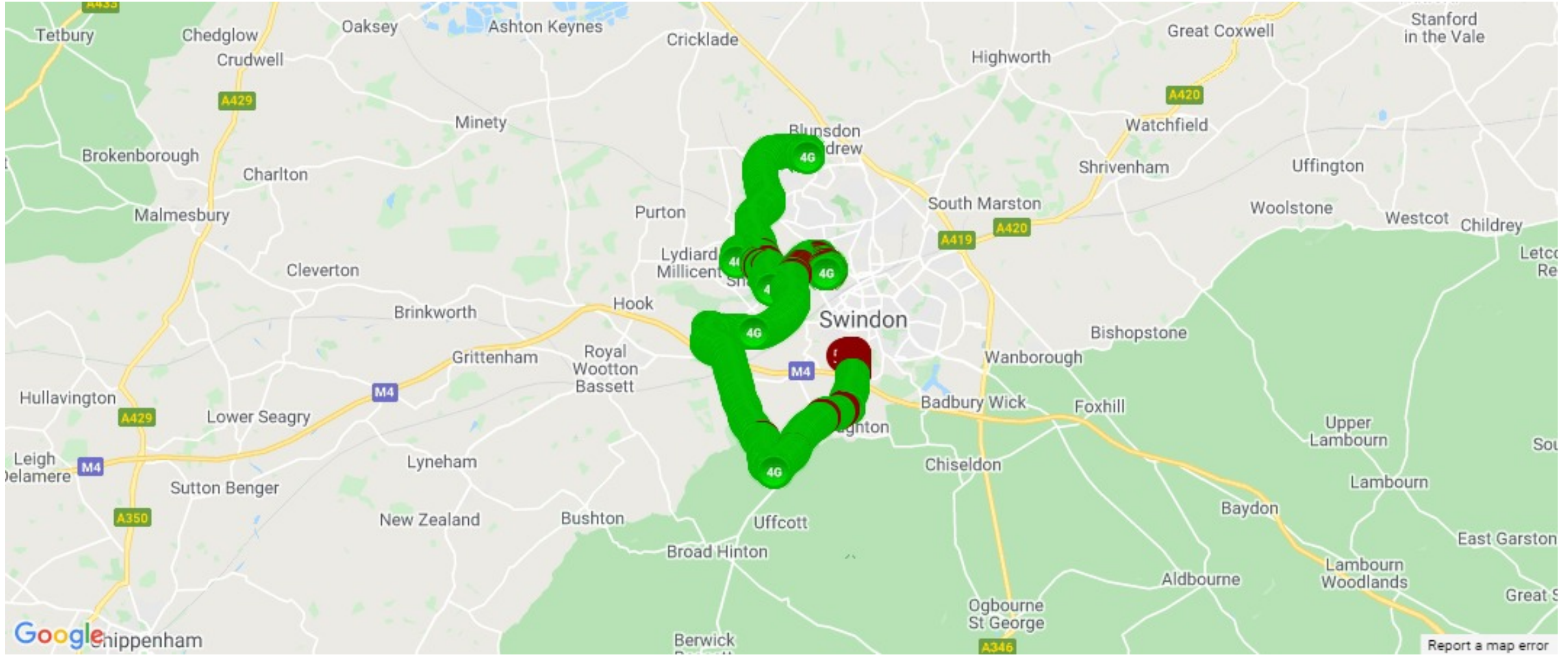
Network Type	23415
5G	37.6294%
4G	62.3706%
3G	0.0000%
2G	0.0000%
CDMA	0.0000%
NONNETWORK	0.0000%
Total Geo samples	3864

RAN technology distribution chart per mobile network operator for 23415_vodafone UK



User perceived RAN technology data connectivity statistics

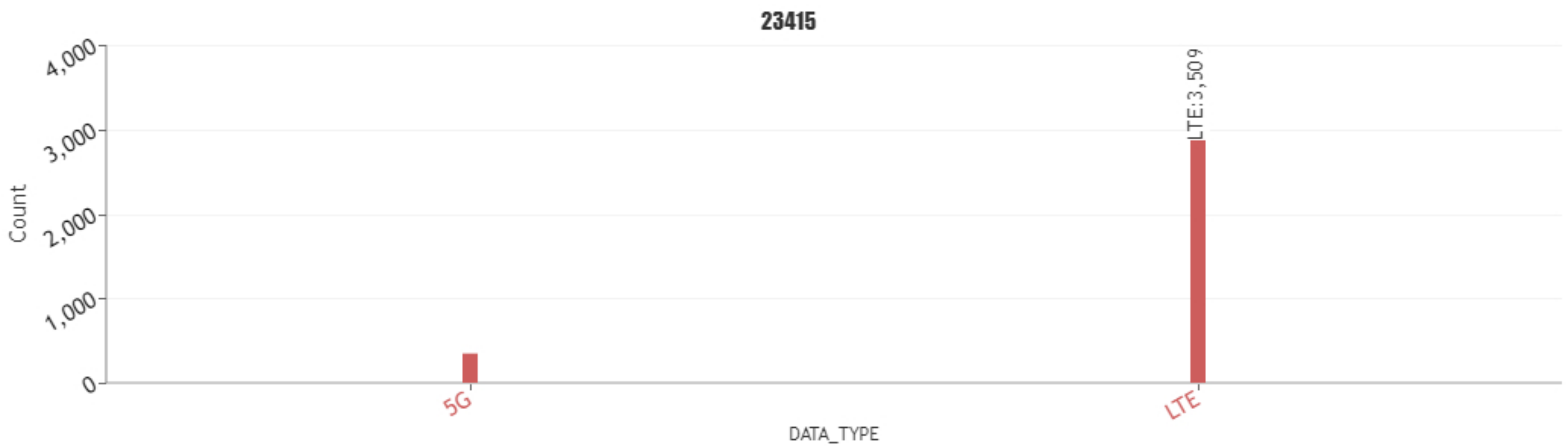
Mobile data connectivity during tests for operator 23415_vodafone UK



Data connectivity statistics per Mobile network operator for 23415_vodafone UK

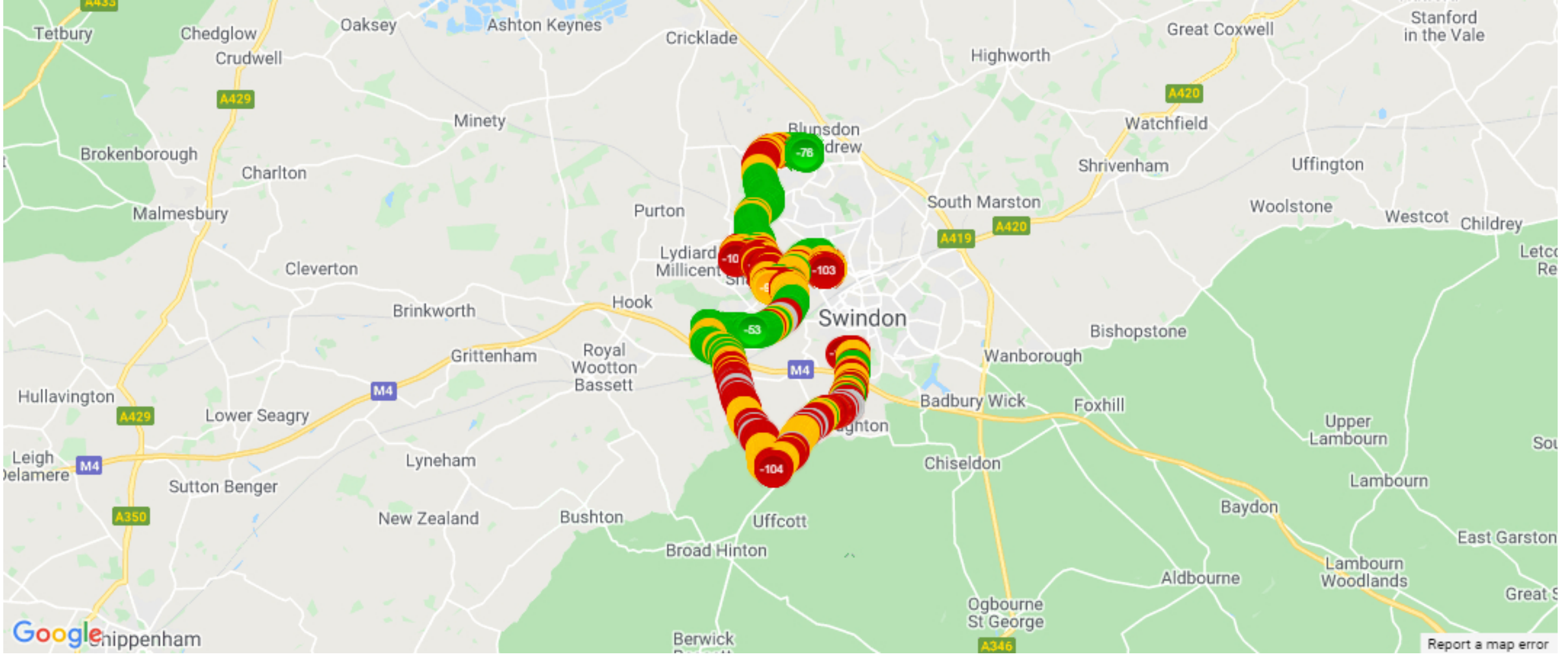
Data Type	23415
5G	9.1874%
4G	90.8126%
3G	0.0000%
2G	0.0000%
CDMA	0.0000%
WIFI	0.0000%
NODATA	0.0000%
Total Geo samples	3864

Data connectivity distribution chart per mobile operator for 23415_vodafone UK



RSRP view

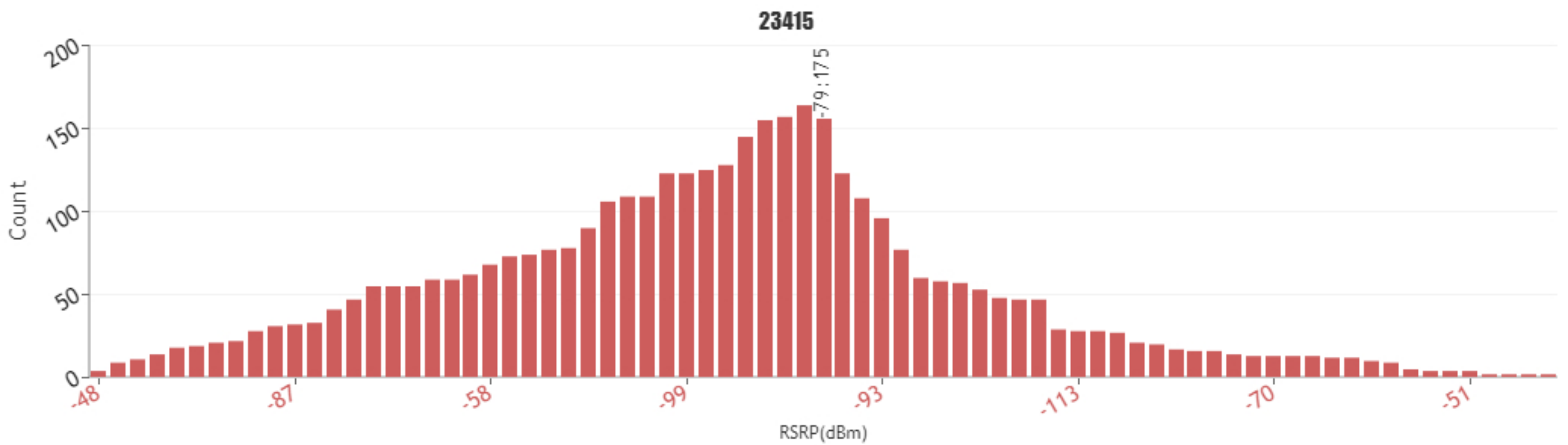
RSRP KPI statistics per mobile operator for operator 23415_vodafone UK



RSRP KPI statistics per mobile operator for 23415_vodafone UK

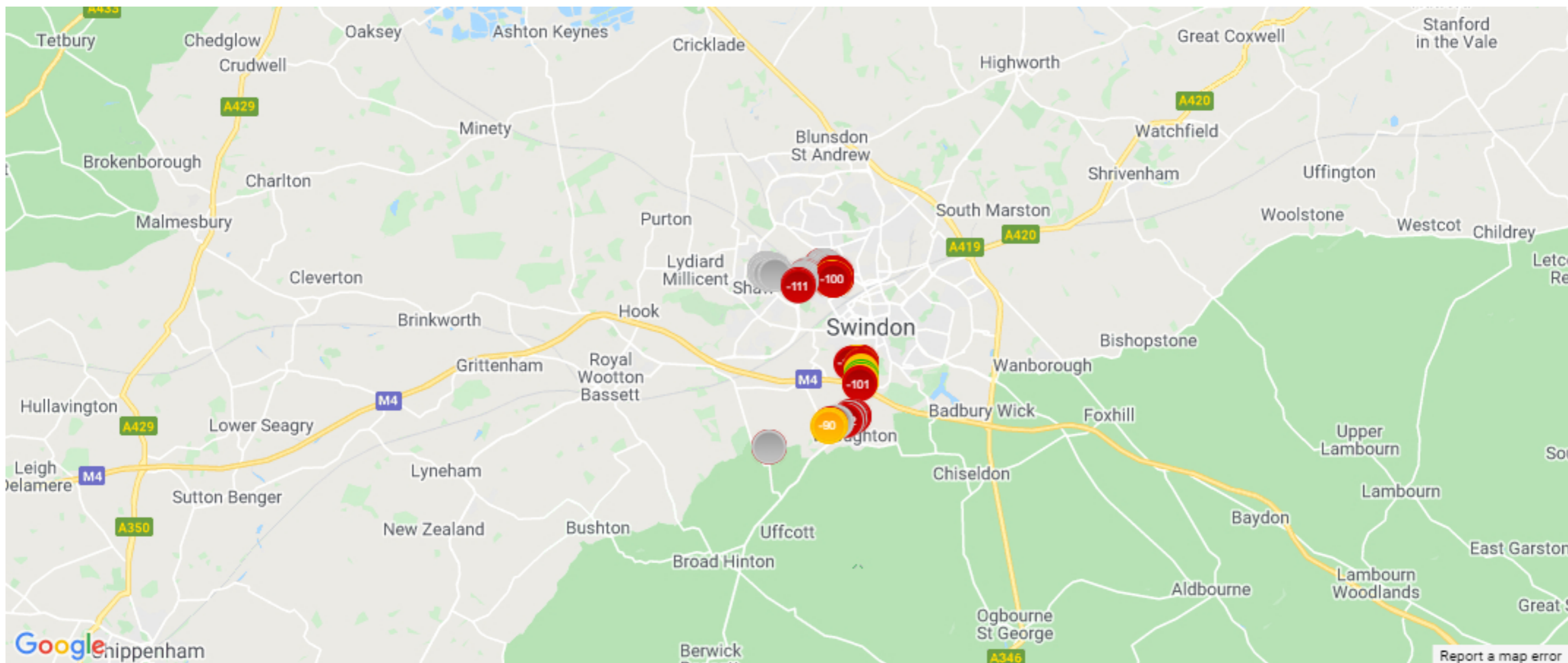
Operators	23415
\geq to -89dBm	45.8851 % (count : 1773)
B/w -99dBm to -90dBm	28.5455 % (count : 1103)
B/w -112dBm to -100dBm	22.7484 % (count : 879)
\leq -113dBm	2.8209 % (count : 109)
Total Geo samples	3864

RSRP distribution chart per mobile operator for 23415_vodafone UK



nrSsRsrp view

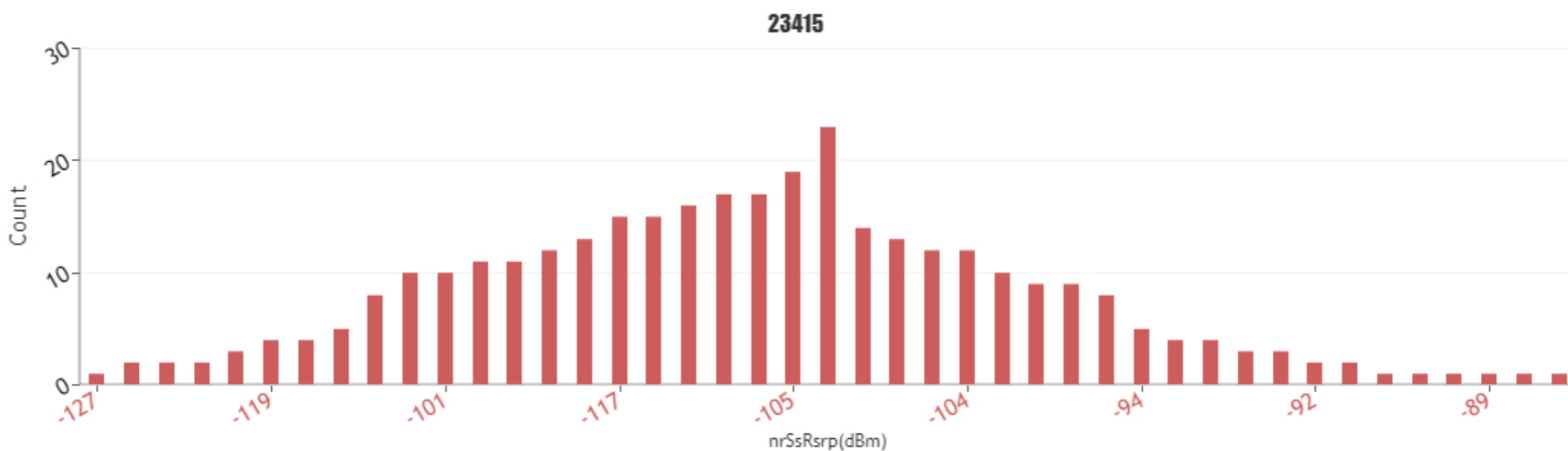
nrSsRsrp KPI statistics per mobile operator for operator 23415_vodafone UK



nrSsRsrp KPI statistics per mobile operator for 23415_vodafone UK

Operators	23415
\geq to -89dBm	1.7857 % (count : 6)
B/w -99dBm to -90dBm	14.2857 % (count : 48)
B/w -112dBm to -100dBm	47.3214 % (count : 159)
\leq -113dBm	36.6071 % (count : 123)
Total Geo samples	336

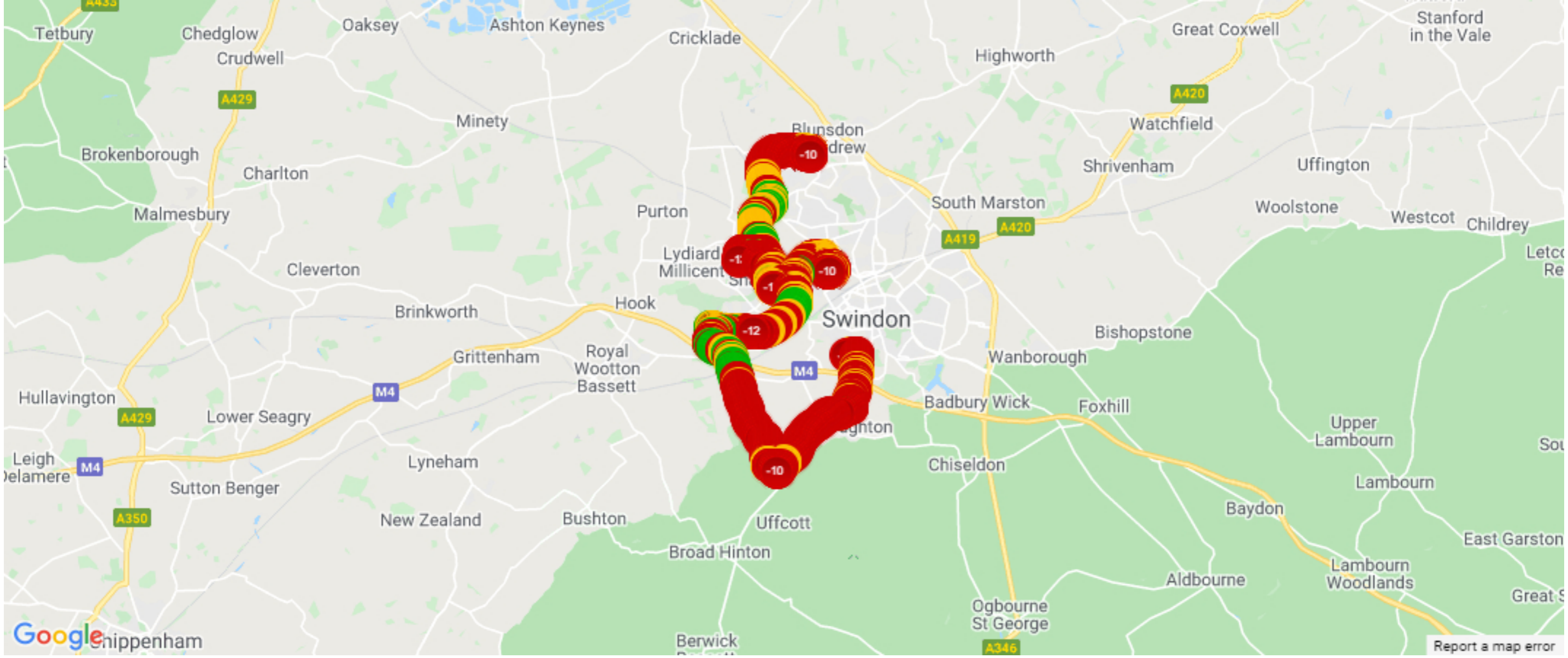
nrSsRsrp distribution chart per mobile operator for 23415_vodafone UK



RSRQ view



RSRQ KPI statistics per mobile operator for operator 23415_vodafone UK



RSRQ KPI statistics per mobile operator for 23415_vodafone UK

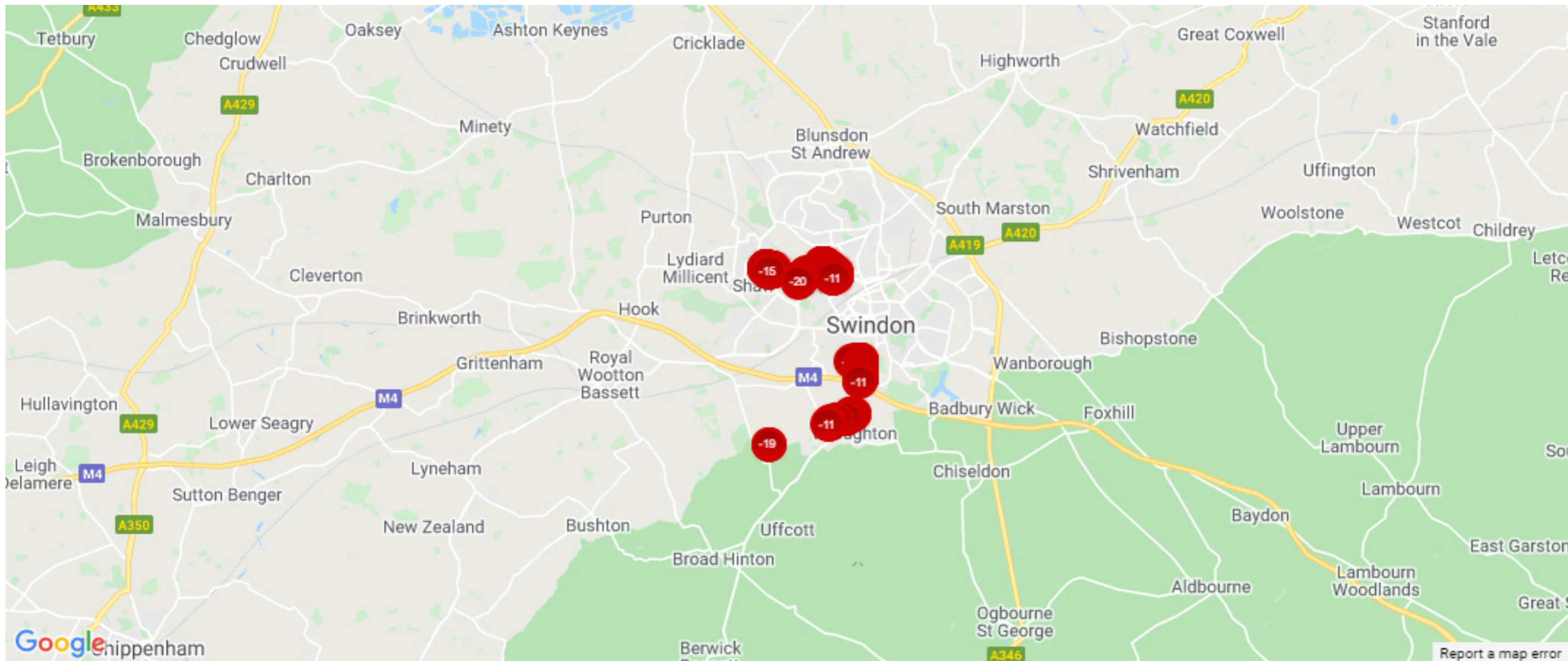
Operators	23415
\geq to -7dB	6.3406 % (count : 245)
B/w -8dB to -9dB	23.3437 % (count : 902)
\leq -10dB	70.3157 % (count : 2717)
Total Geo samples	3864

RSRQ distribution chart per mobile operator for 23415_vodafone UK



nrSsRsrq view

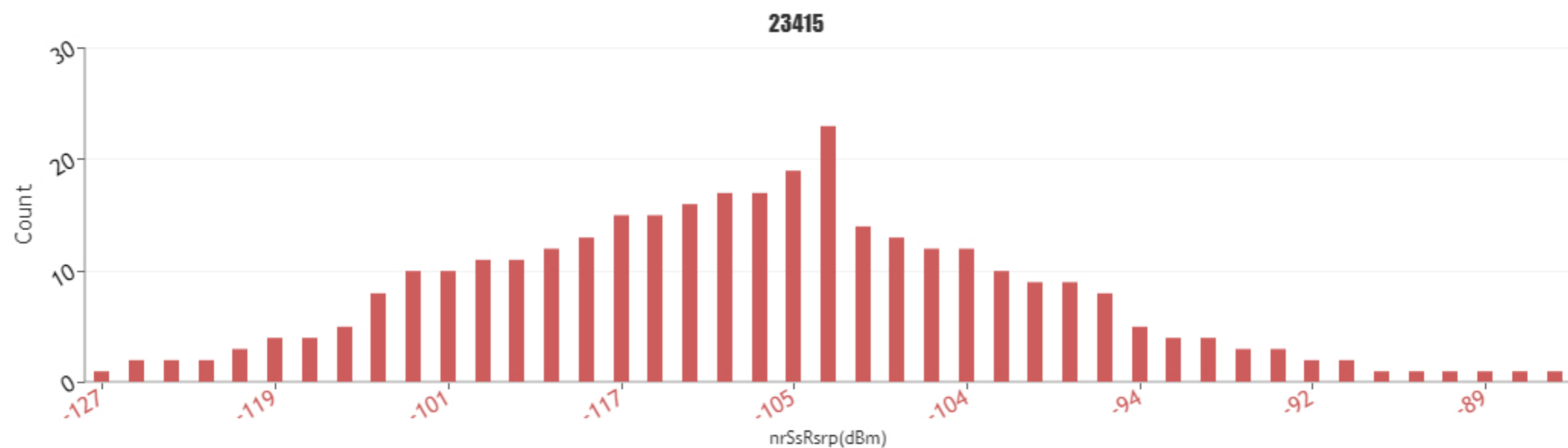
nrSsRsrq KPI statistics per mobile operator for operator 23415_vodafone UK



nrSsRsrq KPI statistics per mobile operator for 23415_vodafone UK

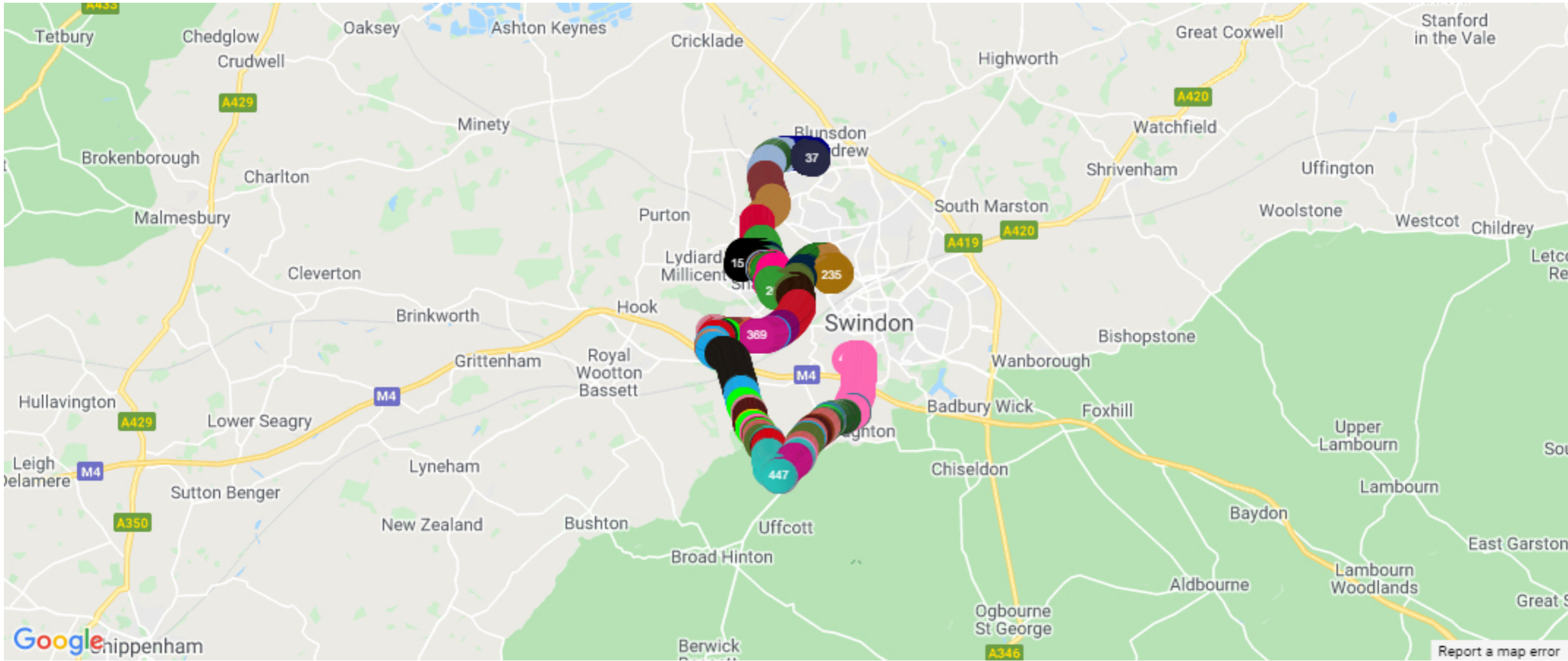
Operators	23415
>= to -7dB	0 % (count : 0)
B/w -8dB to -9dB	0 % (count : 0)
<= -10dB	100.0000 % (count : 325)
Total Geo samples	325

nrSsRsrq distribution chart per mobile operator for 23415_vodafone UK



PCI view

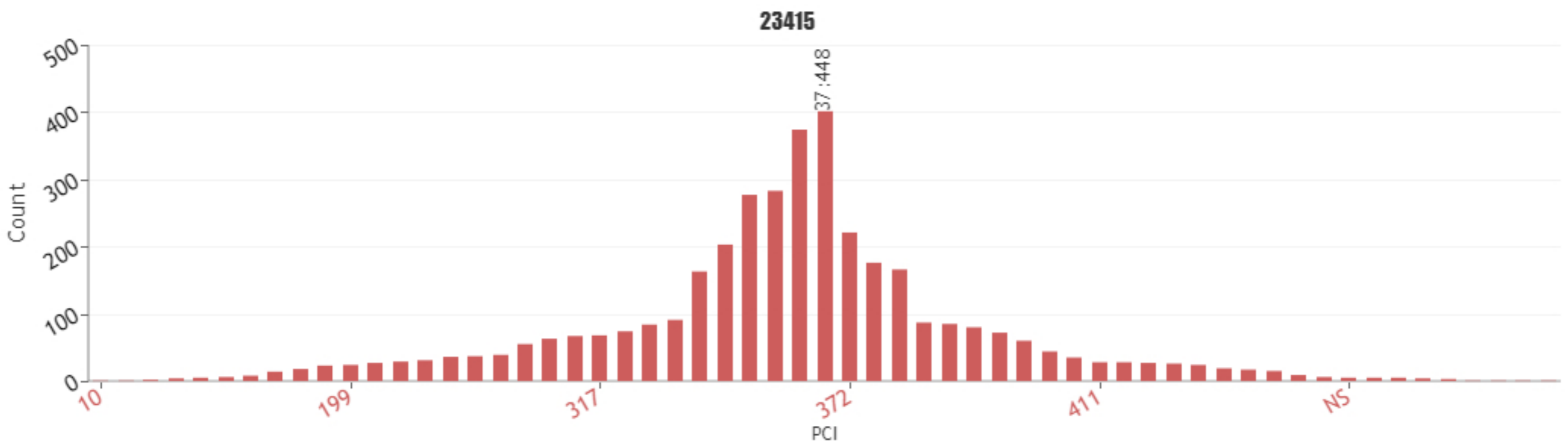
PCI KPI statistics per mobile operator for operator 23415_vodafone UK



PCI KPI statistics per mobile operator for 23415_vodafone UK

PCI	23415
Green (B/w 0 to 503)	100.0000 % (count : 3864)
Total Geo samples	3864

ItePCI distribution chart per mobile operator for 23415_vodafone UK



Frequency view



Frequency KPI statistics per mobile operator for operator 23415_vodafone UK



Frequency KPI statistics per mobile operator for 23415_vodafone UK

Frequency	23415
2850	0.3106 % (count : 12)
323	45.4969 % (count : 1758)
6300	54.1925 % (count : 2094)
Total Geo samples	3864

LTESNR view

LTESNR KPI statistics per mobile operator for operator 23415_vodafone UK



LTESNR KPI statistics per mobile operator for 23415_vodafone UK

Operators	23415
>= to 50dB	0 % (count : 0)
B/w 30dB to 49dB	0 % (count : 0)
B/w 10dB to 29dB	31.0917 % (count : 1068)
B/w 1dB to 9dB	54.4687 % (count : 1871)
B/w -10dB to -1dB	14.4396 % (count : 496)
B/w -30dB to -11dB	0 % (count : 0)
B/w -49dB to -31dB	0 % (count : 0)
<= -50dB	0 % (count : 0)
Total Geo samples	3435

LTESNR distribution chart per mobile operator for 23415_vodafone UK

