

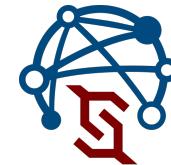
Drive Test Report

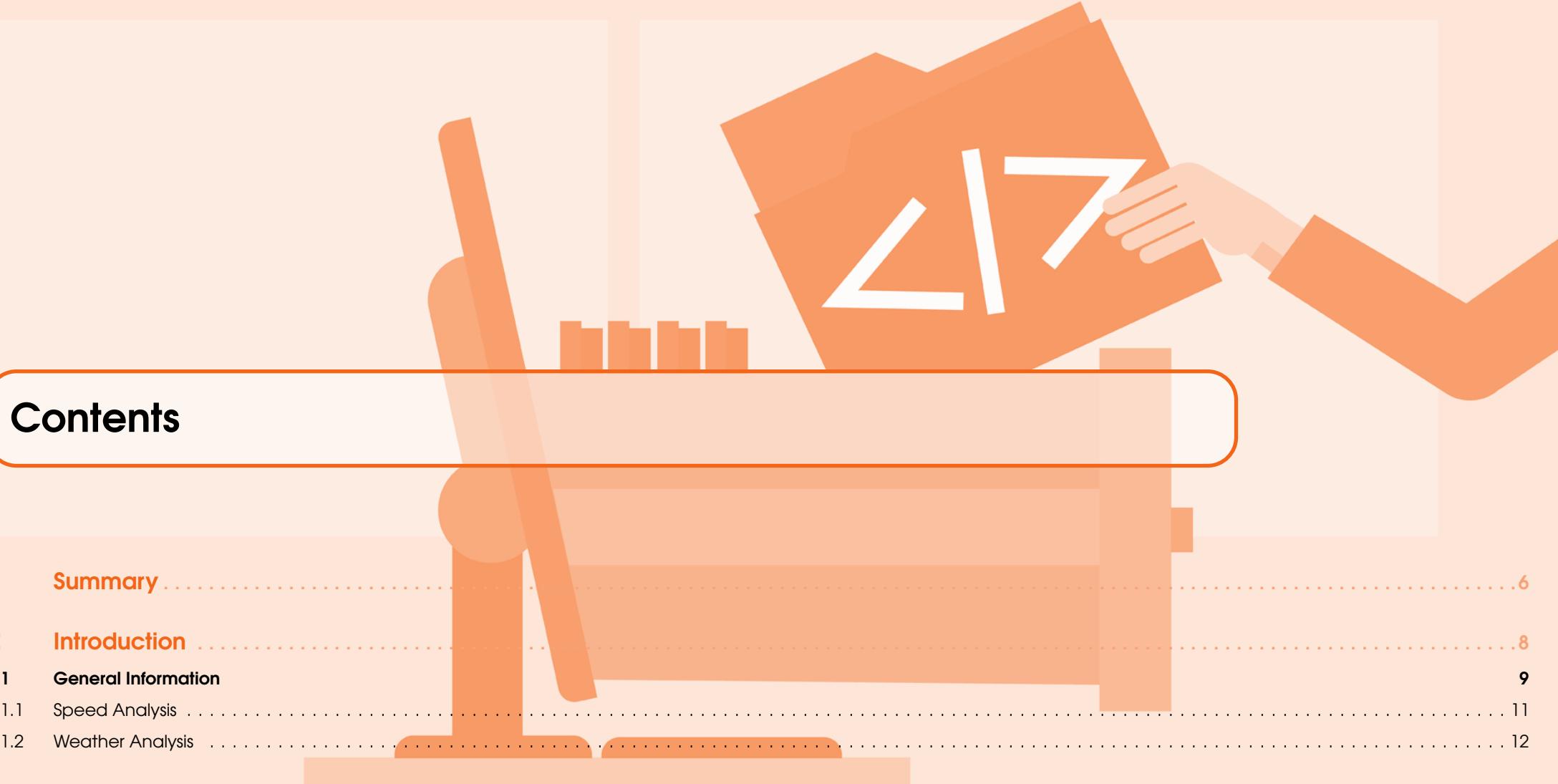
MCI Test - East Tehran Pars (5 Esfand 1400)

Generated at 2022/02/25 at 10:03:58

Parto Ertebat Saba Ltd

No 2, Alvand 7 St., Ebrahimi St., Marzdaran, Tehran, Iran

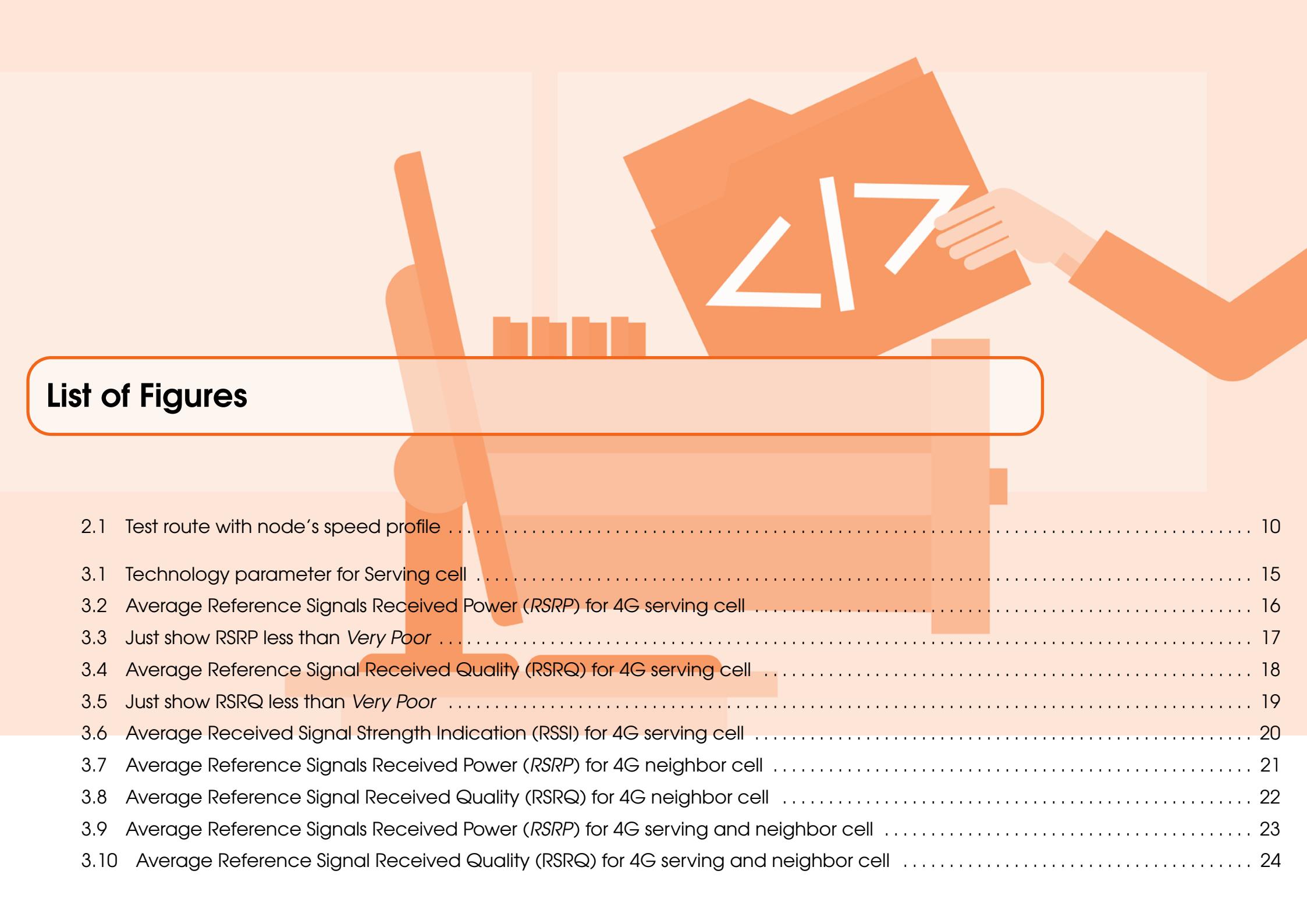




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1. Summary



1. Alone TAC was detected 😞 (Figure 3.20).
2. Huge improvements in RSRQ, compared to Test 2022/02/11 😊.
3. Huge decrease in Data Test results (e.g. Ping, Jitter, Throughput, DNS), compared to Test 2022/02/11 😞.
4. Mean delay test 313ms and std 467.11. For Test 2022/02/11 these values are 108.06 ms and 224.15 😞.
5. Decrease 1.5 MB in throughput compared to Test 2022/02/11 😞.
6. Some major regions were detected with bad serving cell RSRP (Figure 3.3).
7. Some regions were detected with bad serving cell RSRQ (Figure 3.5).
8. Neigbor cells RSRQ were *Very Bad*.
9. 84.49% serving cells are in Band 1 and ARFCN 3300.
10. 0.63% serving cell RSRP below -105dBm .
11. 4.85% serving cell RSRP below -16dB .

2. Introduction



2.1 General Information

Table 2.1: Nodes Info

N	Name	IMSI	IMEI	Type	T	Status	Data	Roaming	Desc
2304	[”Office 1”,100415]	432113992443582	865546046094179	Capella	Preferred	Active	On	On	

Table 2.2: General info

Param	Description
Start Time	2022-02-24 10:06:31
Stop Time	2022-02-24 18:09:51
Src Name	East Tehran Pars
Dst Name	East Tehran Pars
Src Loc	(35.7499,51.5453)
Dst Loc	(35.7419,51.5637)
Duration	8:03:20
Points	4498
Distance	60754 [m]
Speed	Avg= 17, Std=7 [km/h]

Table 2.3: General Analysis

Param	Count
Serving Cell Changes	878
Distinct Technology	1 (4G)
Distinct Frequency	4
Distinct PLMN	1
Distinct LAC/TAC	2
Distinct RAC	1
Distinct Cells	117
Neighbor Scan Num	266817
Serving Scan Num	45018
Message Num	42381
States Changes	1544



Figure 2.1: Test route with node's speed profile

2.1.1 Speed Analysis

The colors in the map represent the node's speed profile. The following tables show the user speed profile information in this test. At *Null* points, for various reasons, the node did not report its speed information with adequate accuracy.

Table 2.4: Speed info

Color	Name	Count	Distance	Distribution
Black	Null	0	0	0.00
Dark Green	Car Racing	0	0	0.00
Green	High Speed	0	0	0.00
Light Green	Highway	0	0	0.00
Yellow	Road	0	0	0.00
Orange	Street	0	0	0.00
Red	Bicycle	203	3851	6.34
Dark Red	Running	3599	48587	79.97
Pink	Walking	609	7280	11.98
Grey	Standing	87	1036	1.71

Table 2.5: Speed ranges

Color	Name	Range [km/h]
Black	Null	$600 \leq X$
Dark Green	Car Racing	$140 \leq X$
Green	High Speed	$120 \leq X < 140$
Light Green	Highway	$100 \leq X < 120$
Yellow	Road	$80 \leq X < 100$
Orange	Street	$60 \leq X < 80$
Red	Bicycle	$30 \leq X < 60$
Dark Red	Running	$10 \leq X < 30$
Pink	Walking	$2 \leq X < 10$
Grey	Standing	$0 \leq X < 2$

Table 2.6: Speed statistics

Sample Num	Average	Std	Variance	Median	Maximum	Minimum
4498	17.8613 [km/h]	7.61757 [km/h]	58.0274	16.5 [km/h]	54 [km/h]	0 [km/h]

2.1.2 Weather Analysis

This page shows the weather condition during the test. Also, shows some general information such as temperature, pressure, humidity and wind speed during the test.

Table 2.7: Weather condition

	Dist [%]	Description
	87.50	clear sky

Table 2.8: Weather info

Parameter	Value
Sample Num	8
Temperature Avg	15.61 ± 1.25 [C]
Pressure AVG	1018.86 ± 0.83 [Pa]
Humidity AVG	30.43 ± 6.25 [%]
Wind Speed AVG	1.31 ± 0.14 [m/s]

3. Map

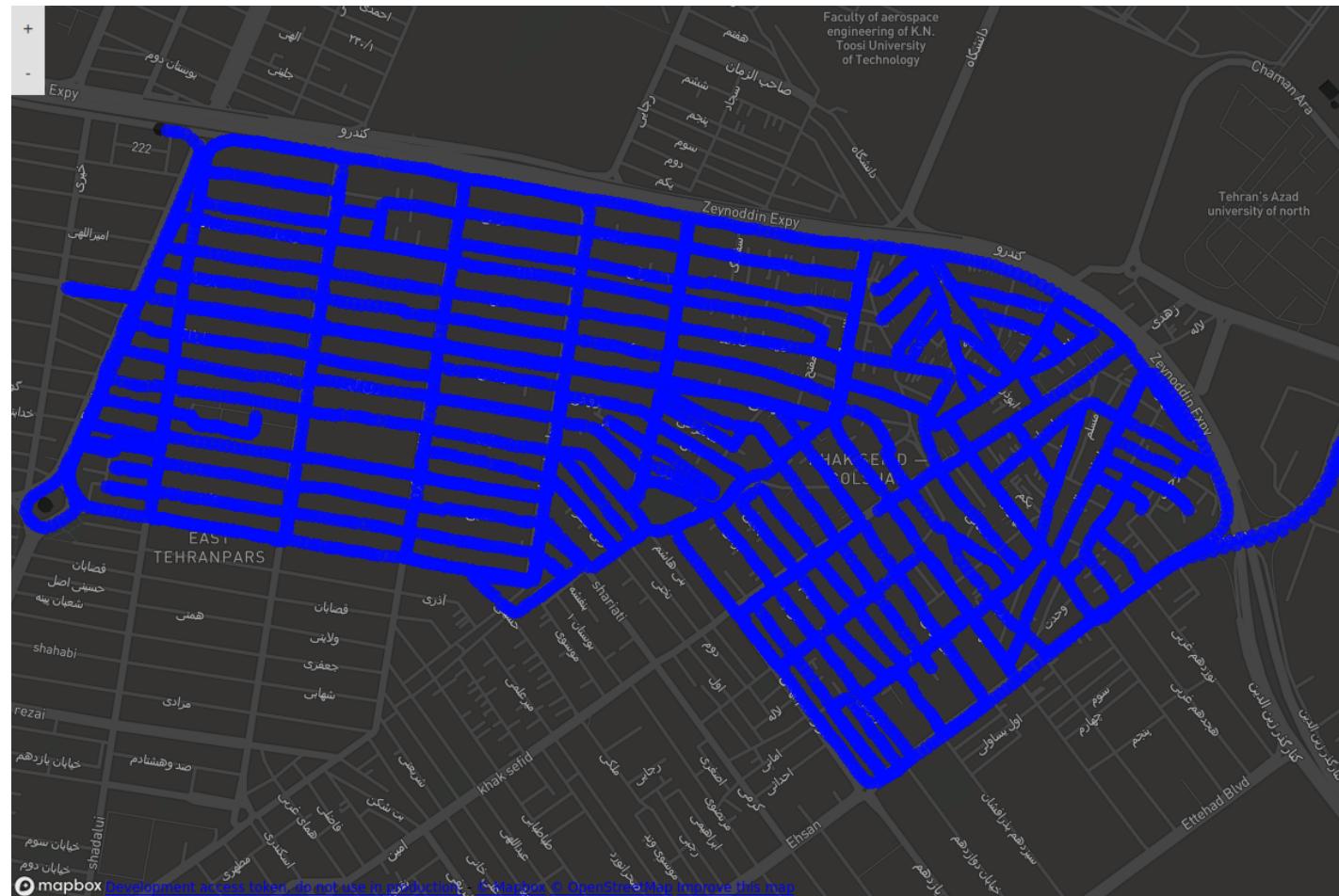




3.1 Scans on map

A mobile phone can carry out power measurements on the frequency currently in use, on serving and neighbour cells frequencies. The system may have multiple measurements in each location for serving cell and neighbor cells. Depending on the settings you make in the system, you can see the average, maximum or minimum of results for each location.

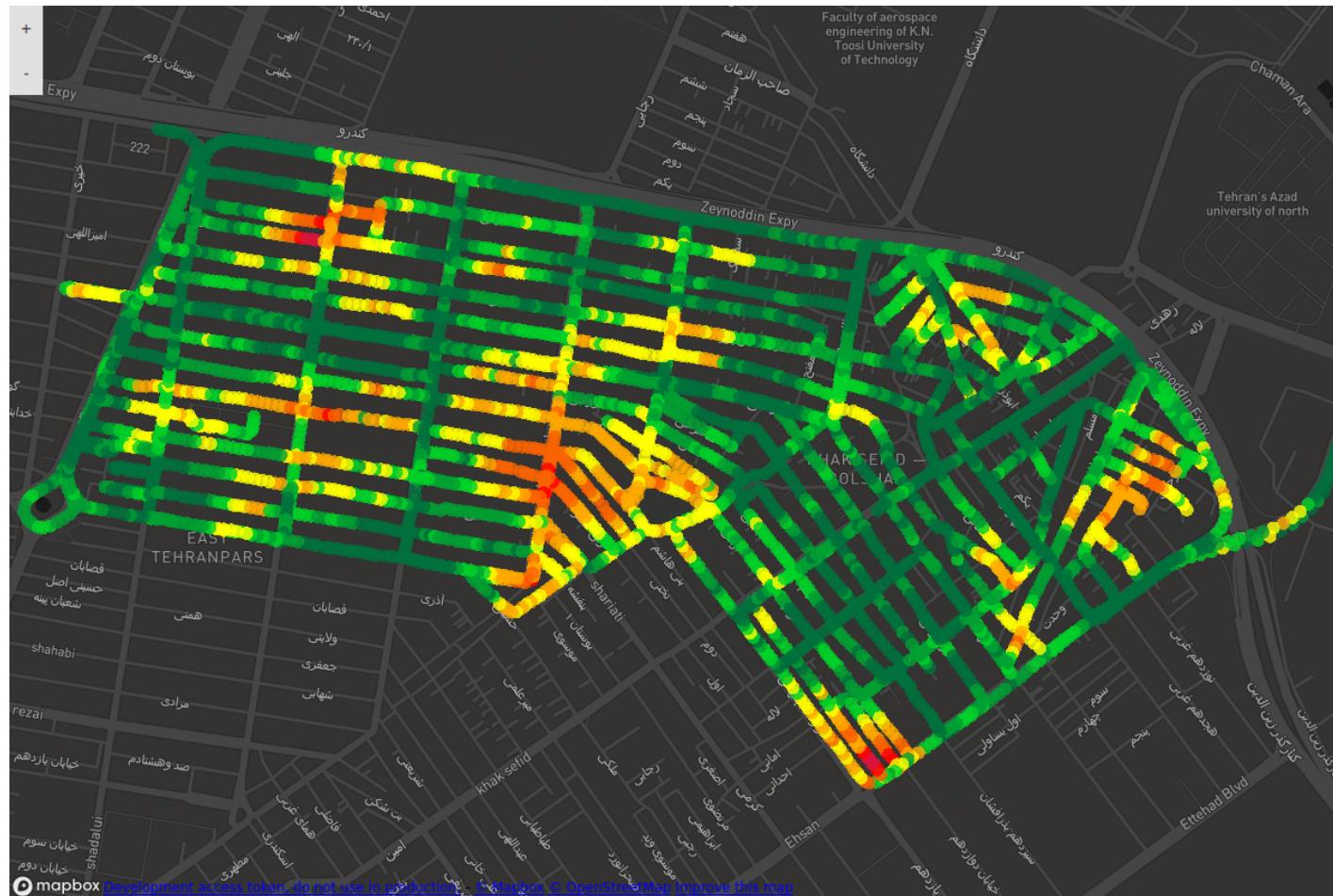
Figure 3.1: Technology parameter for Serving cell



Color Information

Color	Name	Count	Distance	Distribution
2G		0	0	0.00
3G		0	0	0.00
4G		4497	60034	99.98
5G		0	0	0.00
Null		1	0	0.02
Total		4498 [#]	60034 [m]	100.00 [%]

Figure 3.2: Average Reference Signals Received Power (RSRP) for 4G serving cell



Color Information

Color	Name	Count	Distance	Distribution
Dark Green	Excellent	1494	19964	33.21
Medium Green	Very Good	1045	14008	23.23
Light Green	Good	811	10863	18.03
Yellow	Fair	608	7982	13.52
Orange	Poor	356	4832	7.91
Red	Very Poor	156	1985	3.47
Dark Red	Bad	21	297	0.47
Pink	Very Bad	7	103	0.16
Grey	Awful	0	0	0.00
Black	No Coverage	0	0	0.00
White	Null	0	0	0.00
	Total	4498 [#]	60034 [m]	100.00 [%]

Ranges

Color	Name	Tech	Range
Dark Green	Excellent	4G	$-80 \leq X$
Medium Green	Very Good	4G	$-85 \leq X < -80$
Light Green	Good	4G	$-90 \leq X < -85$
Yellow	Fair	4G	$-95 \leq X < -90$
Orange	Poor	4G	$-100 \leq X < -95$
Red	Very Poor	4G	$-105 \leq X < -100$
Dark Red	Bad	4G	$-110 \leq X < -105$
Pink	Very Bad	4G	$-115 \leq X < -110$
Dark Grey	Awful	4G	$-120 \leq X < -115$
Grey	No Coverage	4G	$X < -120$

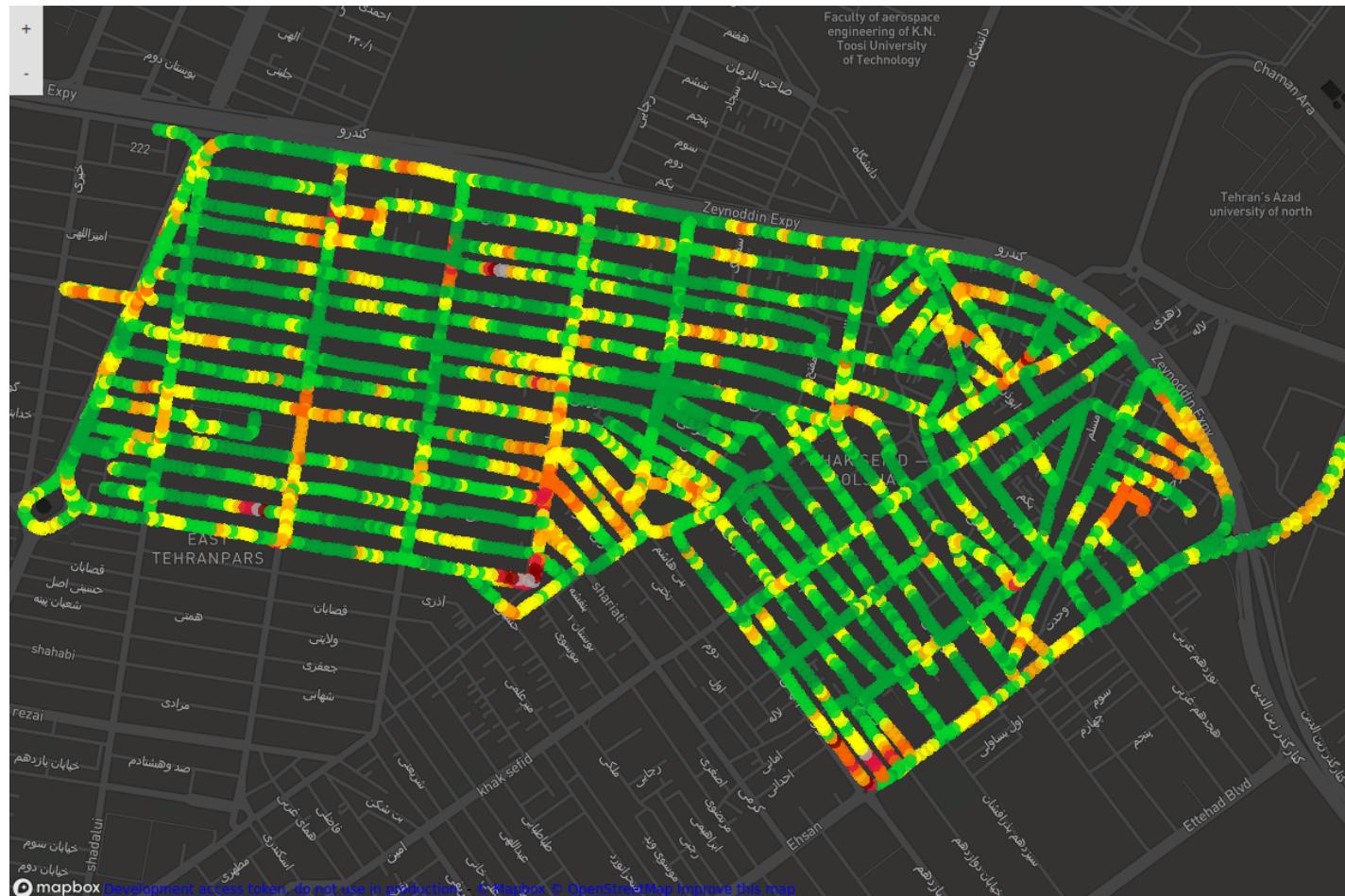
Statistic Information

Count	Mean	Max	Min	Median	Mode	Std	Variance	CI [95%]
4498	-84.29	-53.14	-111.60	-92.80	-82.00	8.63	74.42	[-101.55,-67.04]



Figure 3.3: Just show RSRP less than *Very Poor*

Figure 3.4: Average Reference Signal Received Quality (RSRQ) for 4G serving cell



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Statistic Information

Count	Mean	Max	Min	Median	Mode	Std	Variance	CI [95%]
4498	-11.47	-5.13	-26.65	-11.60	-9.00	2.32	5.39	[-16.11,-6.82]

Color Information

Color	Name	Count	Distance	Distribution
Dark Green	Excellent	1	10	0.02
Medium Green	Very Good	1468	19692	32.64
Light Green	Good	1579	21005	35.10
Yellow	Fair	864	11522	19.21
Orange	Poor	368	4992	8.18
Red	Bad	152	1956	3.38
Dark Red	Very Bad	43	550	0.96
Grey	Awful	15	180	0.33
White	No Coverage	8	127	0.18
Black	Null	0	0	0.00
	Total	4498 [#]	60034 [m]	100.00 [%]

Ranges

Color	Name	Tech	Range
Dark Green	Excellent	4G	$-6 \leq X$
Medium Green	Very Good	4G	$-10 \leq X < -6$
Light Green	Good	4G	$-12 \leq X < -10$
Yellow	Fair	4G	$-14 \leq X < -12$
Orange	Poor	4G	$-16 \leq X < -14$
Red	Bad	4G	$-18 \leq X < -16$
Dark Red	Very Bad	4G	$-20 \leq X < -18$
Grey	Awful	4G	$-22 \leq X < -20$
White	No Coverage	4G	$X < -22$



Figure 3.5: Just show RSRQ less than *Very Poor*

Figure 3.6: Average Received Signal Strength Indication (RSSI) for 4G serving cell



Color Information

Color	Name	Count	Distance	Distribution
Dark Green	Excellent	3934	52490	87.46
Medium Green	Very Good	451	6035	10.03
Light Green	Good	108	1437	2.40
Yellow	Fair	5	72	0.11
Orange	Poor	0	0	0.00
Red	Very Poor	0	0	0.00
Dark Red	Bad	0	0	0.00
Magenta	Very Bad	0	0	0.00
Grey	Awful	0	0	0.00
Black	No Coverage	0	0	0.00
White	Null	0	0	0.00
	Total	4498 [#]	60034 [m]	100.00 [%]

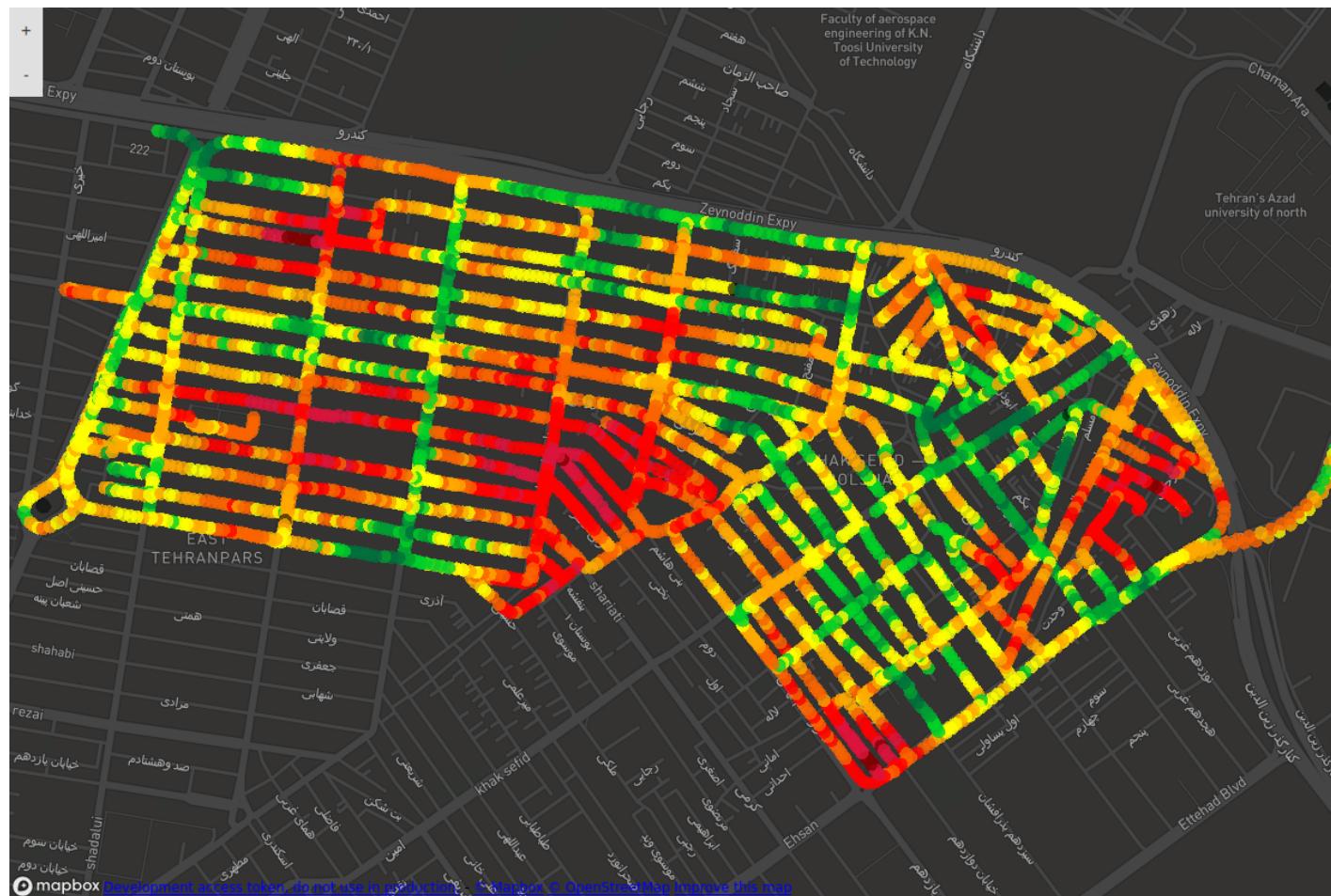
Ranges

Color	Name	Tech	Range
Dark Green	Excellent	4G	$-65 \leq X$
Medium Green	Very Good	4G	$-70 \leq X < -65$
Light Green	Good	4G	$-75 \leq X < -70$
Yellow	Fair	4G	$-85 \leq X < -75$
Orange	Poor	4G	$-95 \leq X < -85$
Red	Very Poor	4G	$-100 \leq X < -95$
Dark Red	Bad	4G	$-105 \leq X < -100$
Magenta	Very Bad	4G	$-110 \leq X < -105$
Grey	Awful	4G	$-115 \leq X < -110$
Black	No Coverage	4G	$X < -115$

Statistic Information

Count	Mean	Max	Min	Median	Mode	Std	Variance	CI [95%]
4498	-55.93	-21.00	-77.60	-64.40	-53.00	7.58	57.52	[-71.10,-40.76]

Figure 3.7: Average Reference Signals Received Power (RSRP) for 4G neighbor cell



Color Information

Color	Name	Count	Distance	Distribution
Dark Green	Excellent	126	1639	2.80
Medium Green	Very Good	287	3809	6.38
Light Green	Good	602	8033	13.38
Yellow	Fair	963	12901	21.41
Orange	Poor	1023	13688	22.74
Red	Very Poor	780	10507	17.34
Dark Red	Bad	556	7310	12.36
Magenta	Very Bad	143	1911	3.18
Grey	Awful	15	202	0.33
Black	No Coverage	0	0	0.00
White	Null	3	34	0.07
Total	4498 [#]	60034 [m]	100.00 [%]	

Ranges

Color	Name	Tech	Range
Dark Green	Excellent	4G	$-80 \leq X$
Medium Green	Very Good	4G	$-85 \leq X < -80$
Light Green	Good	4G	$-90 \leq X < -85$
Yellow	Fair	4G	$-95 \leq X < -90$
Orange	Poor	4G	$-100 \leq X < -95$
Red	Very Poor	4G	$-105 \leq X < -100$
Dark Red	Bad	4G	$-110 \leq X < -105$
Magenta	Very Bad	4G	$-115 \leq X < -110$
Grey	Awful	4G	$-120 \leq X < -115$
Black	No Coverage	4G	$X < -120$

Statistic Information

Count	Mean	Max	Min	Median	Mode	Std	Variance	CI [95%]
4453	-96.25	-65.80	-119.71	-106.79	-96.00	8.21	67.48	[-112.68, -79.82]

Figure 3.8: Average Reference Signal Received Quality (RSRQ) for 4G neighbor cell



Color Information

Color	Name	Count	Distance	Distribution
Excellent	Excellent	0	0	0.00
Very Good	Very Good	5	73	0.11
Good	Good	13	199	0.29
Fair	Fair	42	577	0.93
Poor	Poor	68	884	1.51
Bad	Bad	184	2449	4.09
Very Bad	Very Bad	427	5614	9.49
Awful	Awful	720	9528	16.01
No Coverage	No Coverage	3036	40676	67.50
Null	Null	3	34	0.07
Total		4498 [#]	60034 [m]	100.00 [%]

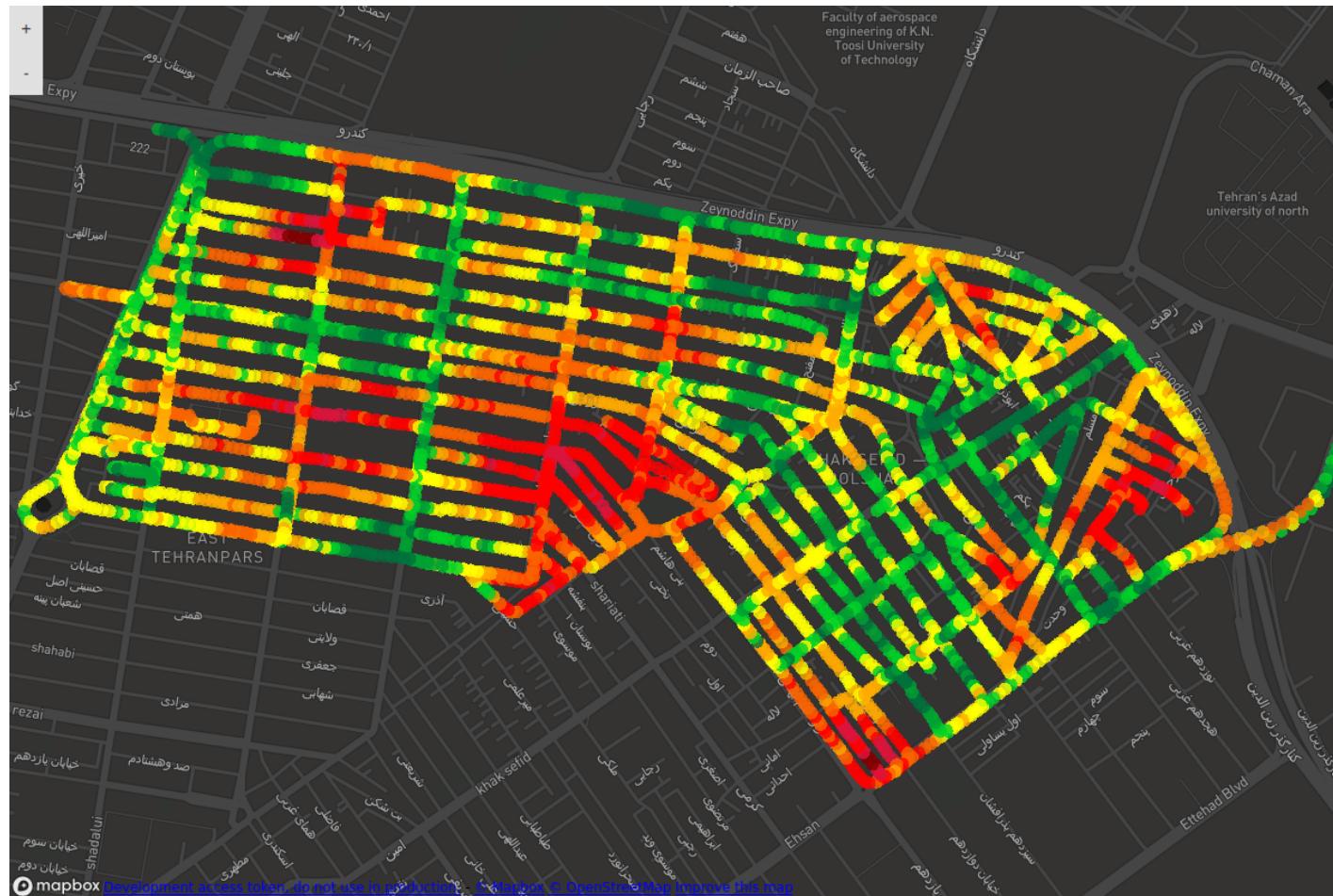
Ranges

Color	Name	Tech	Range
Excellent	Excellent	4G	$-6 \leq X$
Very Good	Very Good	4G	$-10 \leq X < -6$
Good	Good	4G	$-12 \leq X < -10$
Fair	Fair	4G	$-14 \leq X < -12$
Poor	Poor	4G	$-16 \leq X < -14$
Bad	Bad	4G	$-18 \leq X < -16$
Very Bad	Very Bad	4G	$-20 \leq X < -18$
Awful	Awful	4G	$-22 \leq X < -20$
No Coverage	No Coverage	4G	$X < -22$

Statistic Information

Count	Mean	Max	Min	Median	Mode	Std	Variance	CI [95%]
4453	-23.40	-7.00	-30.00	-26.08	-24.00	3.52	12.36	[-30.43, -16.36]

Figure 3.9: Average Reference Signals Received Power (RSRP) for 4G serving and neighbor cell



Color Information

Color	Name	Count	Distance	Distribution
Dark Green	Excellent	275	3602	6.11
Medium Green	Very Good	498	6723	11.07
Light Green	Good	748	10075	16.63
Yellow	Fair	1002	13348	22.28
Orange	Poor	819	10967	18.21
Red	Very Poor	630	8426	14.01
Dark Red	Bad	434	5666	9.65
Magenta	Very Bad	82	1082	1.82
Grey	Awful	10	145	0.22
Black	No Coverage	0	0	0.00
White	Null	0	0	0.00
	Total	4498 [#]	60034 [m]	100.00 [%]

Ranges

Color	Name	Tech	Range
Dark Green	Excellent	4G	$-80 \leq X$
Medium Green	Very Good	4G	$-85 \leq X < -80$
Light Green	Good	4G	$-90 \leq X < -85$
Yellow	Fair	4G	$-95 \leq X < -90$
Orange	Poor	4G	$-100 \leq X < -95$
Red	Very Poor	4G	$-105 \leq X < -100$
Dark Red	Bad	4G	$-110 \leq X < -105$
Magenta	Very Bad	4G	$-115 \leq X < -110$
Grey	Awful	4G	$-120 \leq X < -115$
Black	No Coverage	4G	$X < -120$

Statistic Information

Count	Mean	Max	Min	Median	Mode	Std	Variance	CI [95%]
4499	-93.72	-63.20	-118.79	-105.35	-94.00	8.86	78.52	[-111.44, -75.99]

Figure 3.10: Average Reference Signal Received Quality (RSRQ) for 4G serving and neighbor cell



Static Information

Count	Mean	Max	Min	Median	Mode	Std	Variance	CI [95%]
4499	-20.94	-7.00	-28.46	-24.01	-21.00	3.22	10.34	[-27.37,-14.51]

Color Information

Color	Name	Count	Distance	Distribution
Dark Green	Excellent	0	0	0.00
Green	Very Good	34	444	0.76
Yellow-Green	Good	28	400	0.62
Yellow	Fair	90	1226	2.00
Orange-Yellow	Poor	173	2303	3.85
Orange	Bad	446	5886	9.92
Red-Orange	Very Bad	766	10212	17.03
Red	Awful	1101	14826	24.48
Gray	No Coverage	1860	24737	41.35
Black	Null	0	0	0.00
Total	4498 [#]	60034 [m]	100.00 [%]	

Ranges

Color	Name	Tech	Range
Dark Green	Excellent	4G	$-6 \leq X$
Green	Very Good	4G	$-10 \leq X < -6$
Yellow-Green	Good	4G	$-12 \leq X < -10$
Yellow	Fair	4G	$-14 \leq X < -12$
Orange-Yellow	Poor	4G	$-16 \leq X < -14$
Orange	Bad	4G	$-18 \leq X < -16$
Red-Orange	Very Bad	4G	$-20 \leq X < -18$
Red	Awful	4G	$-22 \leq X < -20$
Gray	No Coverage	4G	$X < -22$

3.2 Serving Cell on map

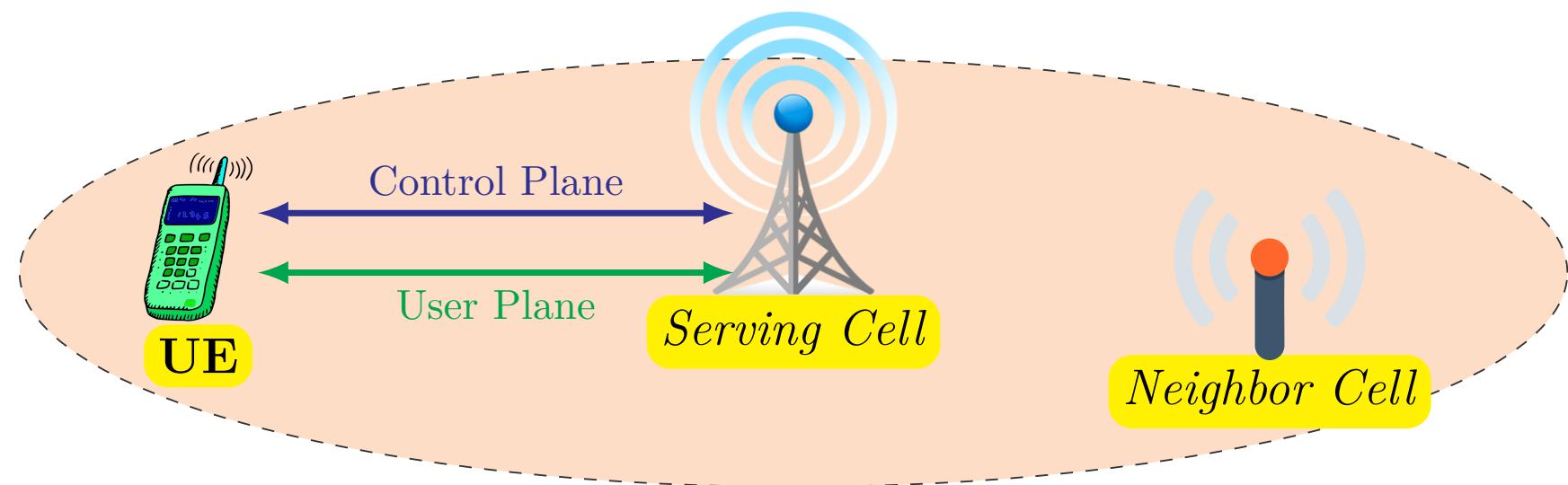
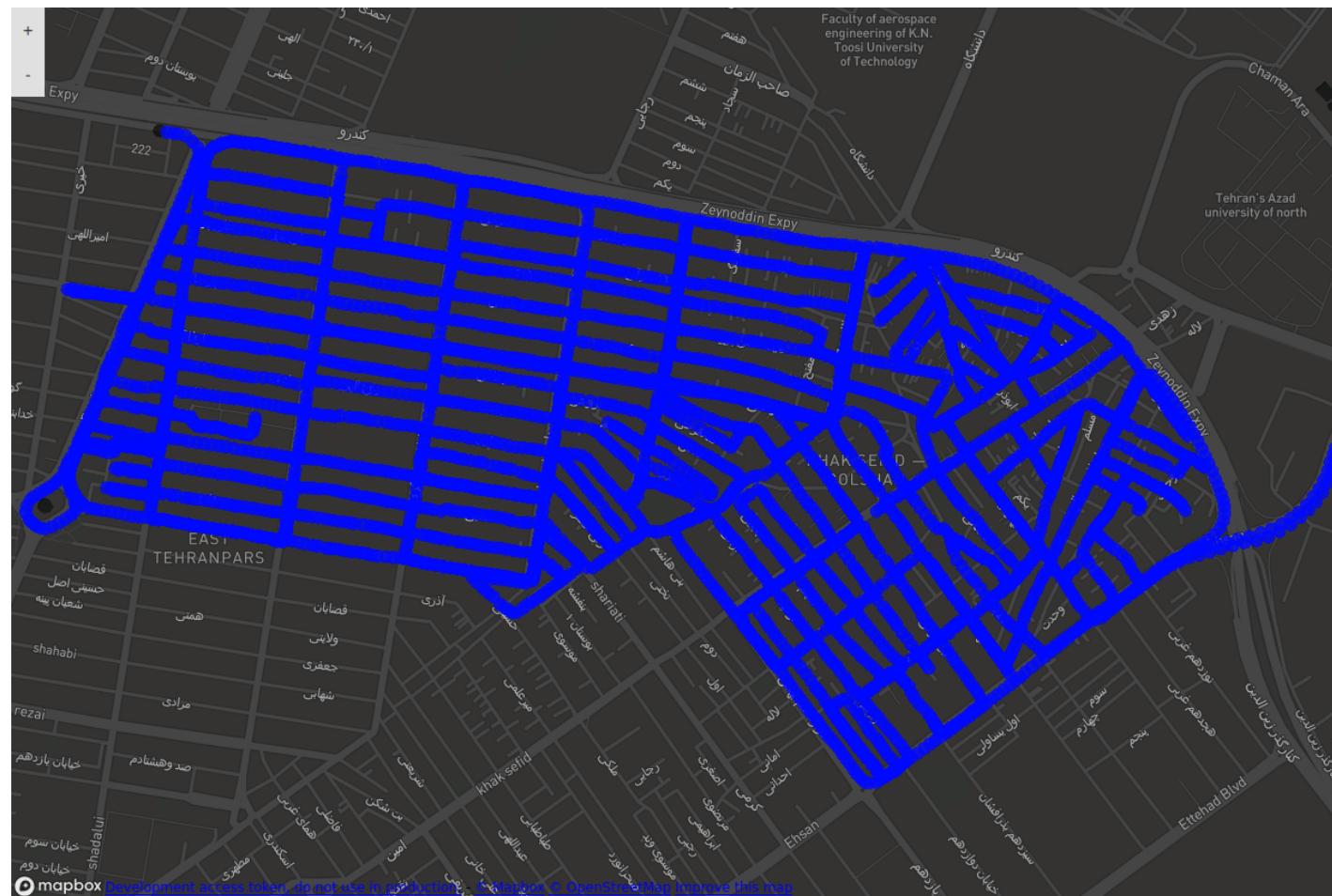


Figure 3.11: Technology parameter for Serving cell on map



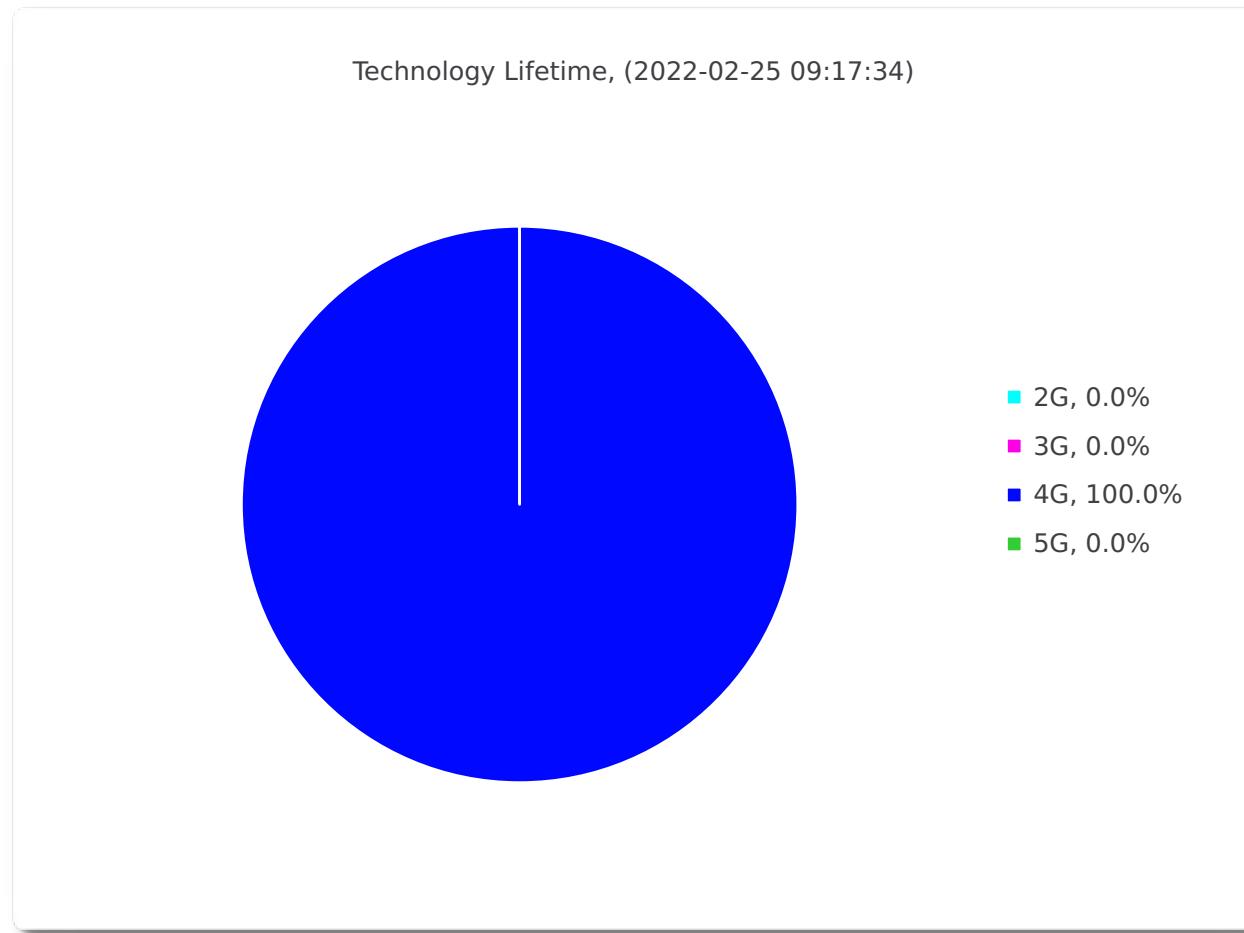
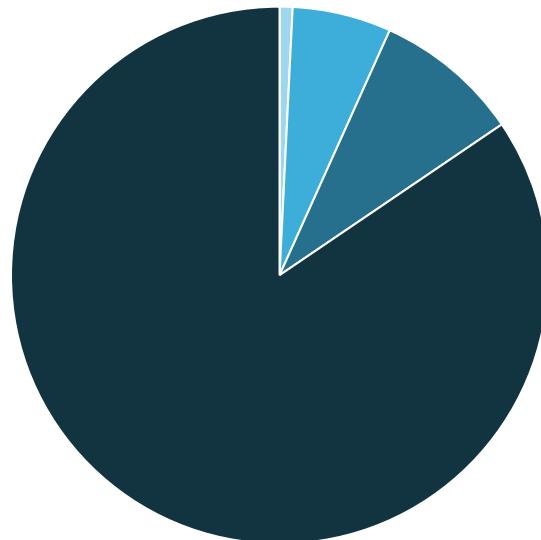


Figure 3.12: Serving cell lifetime for each technology ;

ARFCN lifetime for 4G, (2022-02-25 09:17:34)



C	T	Freq	Lifetime	Count	Dist
	4G	550	226	13	0.78
	4G	1423	1724	85	5.95
	4G	3102	2547	139	8.79
	4G	3300	24501	641	84.49

Figure 3.13: Serving cell lifetime for 4G



Figure 3.14: ARFCN parameter for Serving cell on map

Table 3.1: ARFCN parameter for Serving cell on map

Color	Name	Count	Distance	Distribution	Tech	Band	Freq
Black	Null	1	0	0.02			
Magenta	3300	3710	49707	82.48	4G	Band 7 (IMT-E 2600)	2675
Red	3102	362	4788	8.05	4G	Band 7 (IMT-E 2600)	2655.2
Green	1423	369	4814	8.20	4G	Band 3 (DCS 1800)	1827.3
Blue	550	56	725	1.24	4G	Band 1 (IMT 2100)	2165
	Total	4498 [#]	60034 [m]	100.00 [%]			

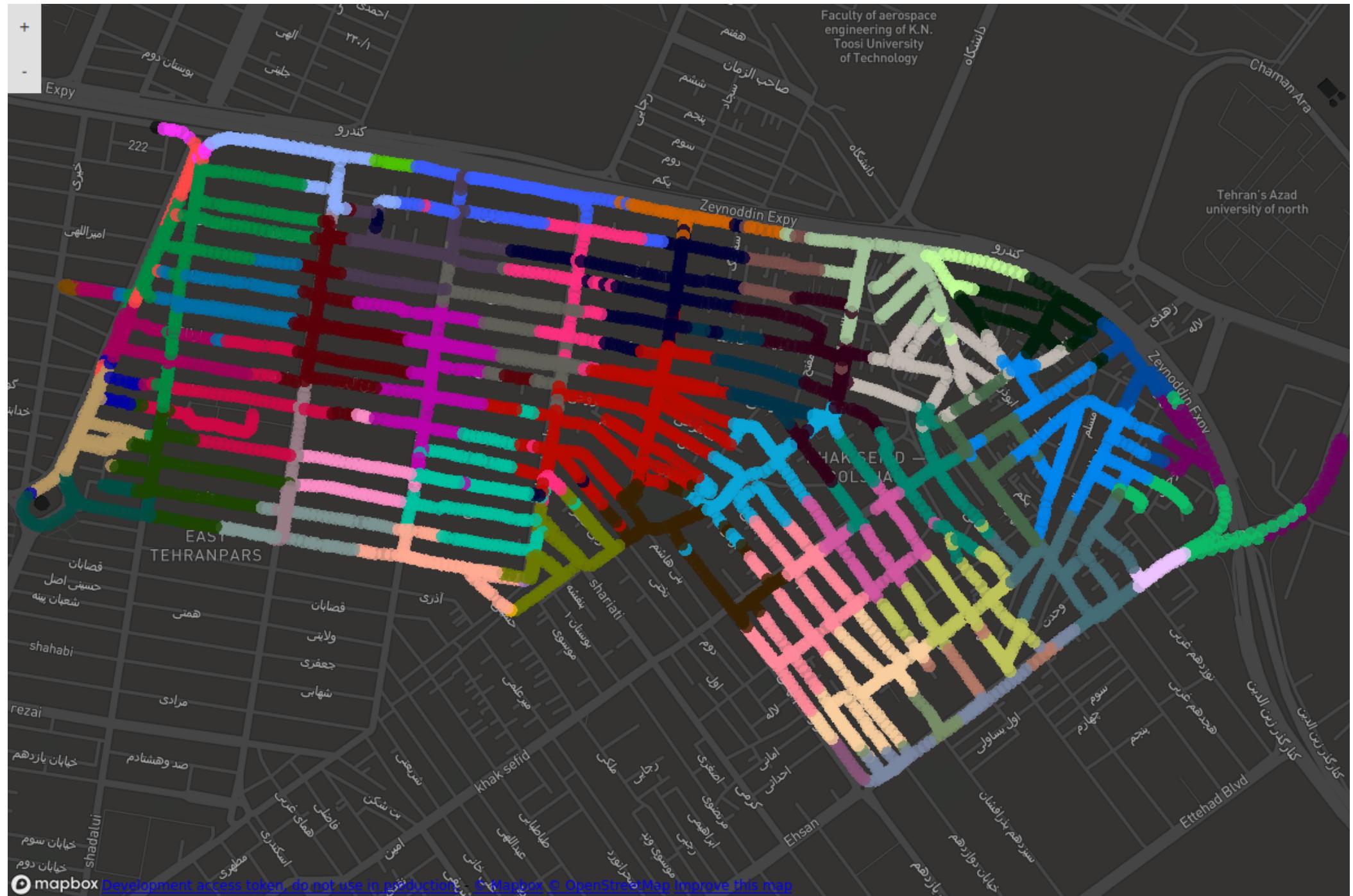


Figure 3.15: Code parameter for Serving cell on map (Code in 2G=BSIC, 3G=PSC and 4G=PCI)

Table 3.2: Code parameter for Serving cell on map (Code in 2G=BSIC, 3G=PSC and 4G=PCI)

Color	Name	Count	Distance	Distribution	Tech
	Null	1	0	0.02	
	453	9	106	0.20	4G
	454	31	436	0.69	4G
	456	185	2582	4.11	4G
	302	77	1075	1.71	4G
	411	74	993	1.65	4G
	413	4	34	0.09	4G
	412	13	189	0.29	4G
	290	91	1129	2.02	4G
	288	53	711	1.18	4G
	455	66	981	1.47	4G
	50	56	693	1.24	4G
	301	138	1859	3.07	4G
	61	53	708	1.18	4G
	289	119	1637	2.65	4G
	344	7	94	0.16	4G
	438	88	1160	1.96	4G
	418	94	1244	2.09	4G
	440	87	1187	1.93	4G
	419	96	1249	2.13	4G
	483	284	3730	6.31	4G
	132	101	1281	2.25	4G

	59	129	1692	2.87	4G
	58	66	946	1.47	4G
	57	45	562	1.00	4G
	417	134	1785	2.98	4G
	439	28	373	0.62	4G
	375	145	1831	3.22	4G
	377	29	386	0.64	4G
	342	139	1799	3.09	4G
	376	128	1728	2.85	4G
	485	131	1754	2.91	4G
	484	64	869	1.42	4G
	189	102	1316	2.27	4G
	133	99	1313	2.20	4G
	137	1	10	0.02	4G
	207	1	10	0.02	4G
	300	97	1329	2.16	4G
	191	109	1344	2.42	4G
	343	29	409	0.64	4G
	445	101	1356	2.25	4G
	446	50	640	1.11	4G
	222	64	1037	1.42	4G
	437	64	1068	1.42	4G
	317	26	384	0.58	4G

	315	139	1818	3.09	4G
	218	28	387	0.62	4G
	316	57	799	1.27	4G
	216	21	275	0.47	4G
	125	9	115	0.20	4G
	217	125	1616	2.78	4G

	98	142	1855	3.16	4G
	96	77	1033	1.71	4G
	97	141	1880	3.13	4G
	190	80	1004	1.78	4G
	444	171	2233	3.80	4G
	Total	4498 [#]	60034 [m]	100.00 [%]	

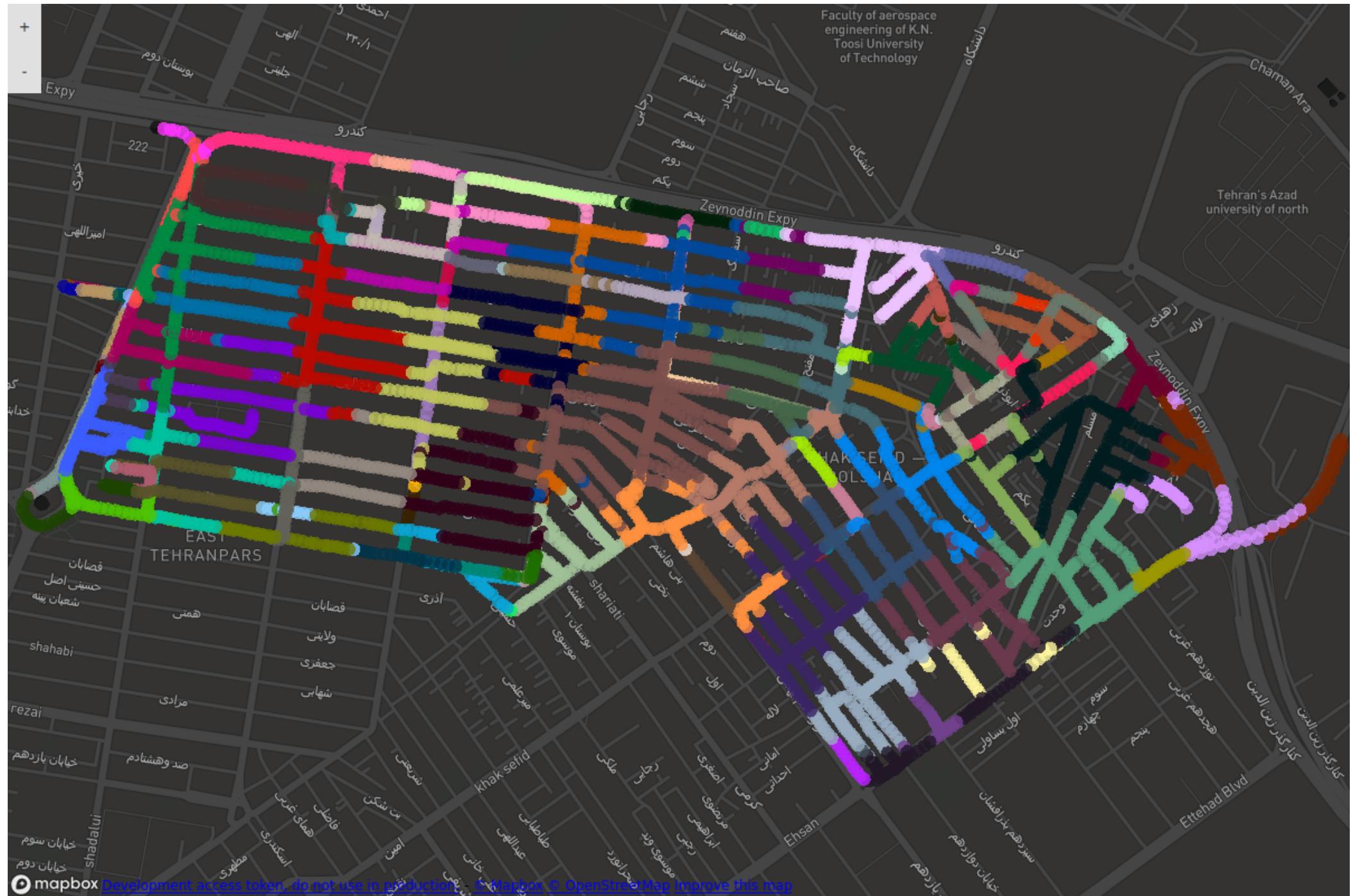


Figure 3.16: ARFCN/Code parameter for Serving cell on map (Code in 2G=BSIC, 3G=PSC and 4G=PCI)

Table 3.3: ARFCN/Code parameter for Serving cell on map (Code in 2G=BSIC, 3G=PSC and 4G=PCI)

Color	Name	Count	Distance	Distribution	Tech
	Null	1	0	0.02	
pink	3300:453	9	106	0.20	4G
red	3300:454	28	404	0.62	4G
green	3300:456	136	1952	3.02	4G
blue	3300:302	75	1046	1.67	4G
magenta	3300:411	59	800	1.31	4G
brown	3300:413	1	11	0.02	4G
dark blue	3102:413	3	23	0.07	4G
tan	3102:411	15	193	0.33	4G
dark green	3102:302	2	29	0.04	4G
light blue	3102:456	4	48	0.09	4G
grey	3102:412	2	25	0.04	4G
dark red	3102:454	3	32	0.07	4G
light grey	3102:290	23	306	0.51	4G
dark green	3102:288	22	288	0.49	4G
green	3300:288	31	423	0.69	4G
blue	3300:290	67	813	1.49	4G
dark grey	3300:412	11	164	0.24	4G
pink	3300:455	52	798	1.16	4G
grey	3300:50	55	683	1.22	4G
red	3300:301	129	1754	2.87	4G
olive	3300:61	43	585	0.96	4G

3300:289	66	921	1.47	4G
3300:344	7	94	0.16	4G
3300:438	56	719	1.24	4G
3300:418	50	671	1.11	4G
3300:440	71	956	1.58	4G
3300:419	84	1090	1.87	4G
3300:483	265	3457	5.89	4G
3300:132	88	1132	1.96	4G
3300:59	121	1592	2.69	4G
3300:58	36	516	0.80	4G
1423:58	17	249	0.38	4G
3102:58	13	181	0.29	4G
3102:59	8	100	0.18	4G
3102:57	2	36	0.04	4G
3102:417	29	377	0.64	4G
3102:419	11	146	0.24	4G
1423:418	34	452	0.76	4G
1423:438	32	441	0.71	4G
1423:439	19	247	0.42	4G
3300:375	111	1415	2.47	4G
3300:377	28	368	0.62	4G
3300:439	6	91	0.13	4G
3300:342	116	1501	2.58	4G



	3300:376	111	1509	2.47	4G
	3300:485	123	1642	2.73	4G
	1423:485	7	97	0.16	4G
	550:484	15	192	0.33	4G
	3102:484	2	31	0.04	4G
	3102:483	19	273	0.42	4G
	550:375	14	172	0.31	4G
	550:439	3	35	0.07	4G
	3300:417	105	1408	2.33	4G
	3300:484	47	646	1.04	4G
	3300:189	85	1111	1.89	4G
	1423:440	16	231	0.36	4G
	1423:455	14	183	0.31	4G
	1423:375	20	244	0.44	4G
	1423:301	9	105	0.20	4G
	1423:456	45	582	1.00	4G
	3102:418	10	121	0.22	4G
	1423:419	1	13	0.02	4G
	3300:133	83	1108	1.85	4G
	3300:57	43	526	0.96	4G
	3102:289	40	566	0.89	4G
	1423:290	1	10	0.02	4G
	1423:289	13	150	0.29	4G
	1423:61	10	123	0.22	4G
	1423:50	1	10	0.02	4G
	3300:137	1	10	0.02	4G

	3300:207	1	10	0.02	4G
	3102:132	13	149	0.29	4G
	3300:300	97	1329	2.16	4G
	3300:191	25	274	0.56	4G
	3300:343	22	315	0.49	4G
	3300:445	51	699	1.13	4G
	3300:446	41	519	0.91	4G
	3300:222	64	1037	1.42	4G
	3300:437	64	1068	1.42	4G
	3300:317	26	384	0.58	4G
	3300:315	139	1818	3.09	4G
	3300:218	28	387	0.62	4G
	3300:316	57	799	1.27	4G
	3300:216	20	259	0.44	4G
	3300:125	9	115	0.20	4G
	3300:217	125	1616	2.78	4G
	3300:98	135	1749	3.00	4G
	550:98	7	106	0.16	4G
	550:133	16	205	0.36	4G
	550:485	1	15	0.02	4G
	1423:216	1	16	0.02	4G
	1423:96	5	59	0.11	4G
	1423:189	17	205	0.38	4G
	1423:376	17	219	0.38	4G
	3300:96	72	974	1.60	4G
	3300:97	141	1880	3.13	4G

	3300:190	49	599	1.09	4G
	3300:444	145	1854	3.22	4G
	1423:377	1	18	0.02	4G
	1423:191	48	621	1.07	4G
	1423:190	5	67	0.11	4G
	3102:190	26	338	0.58	4G
	3102:191	36	449	0.80	4G
	1423:343	2	30	0.04	4G

	1423:342	23	298	0.51	4G
	1423:445	11	144	0.24	4G
	3102:445	39	513	0.87	4G
	3102:343	5	64	0.11	4G
	3102:444	26	379	0.58	4G
	3102:446	9	121	0.20	4G
	Total	4498 [#]	60034 [m]	100.00 [%]	

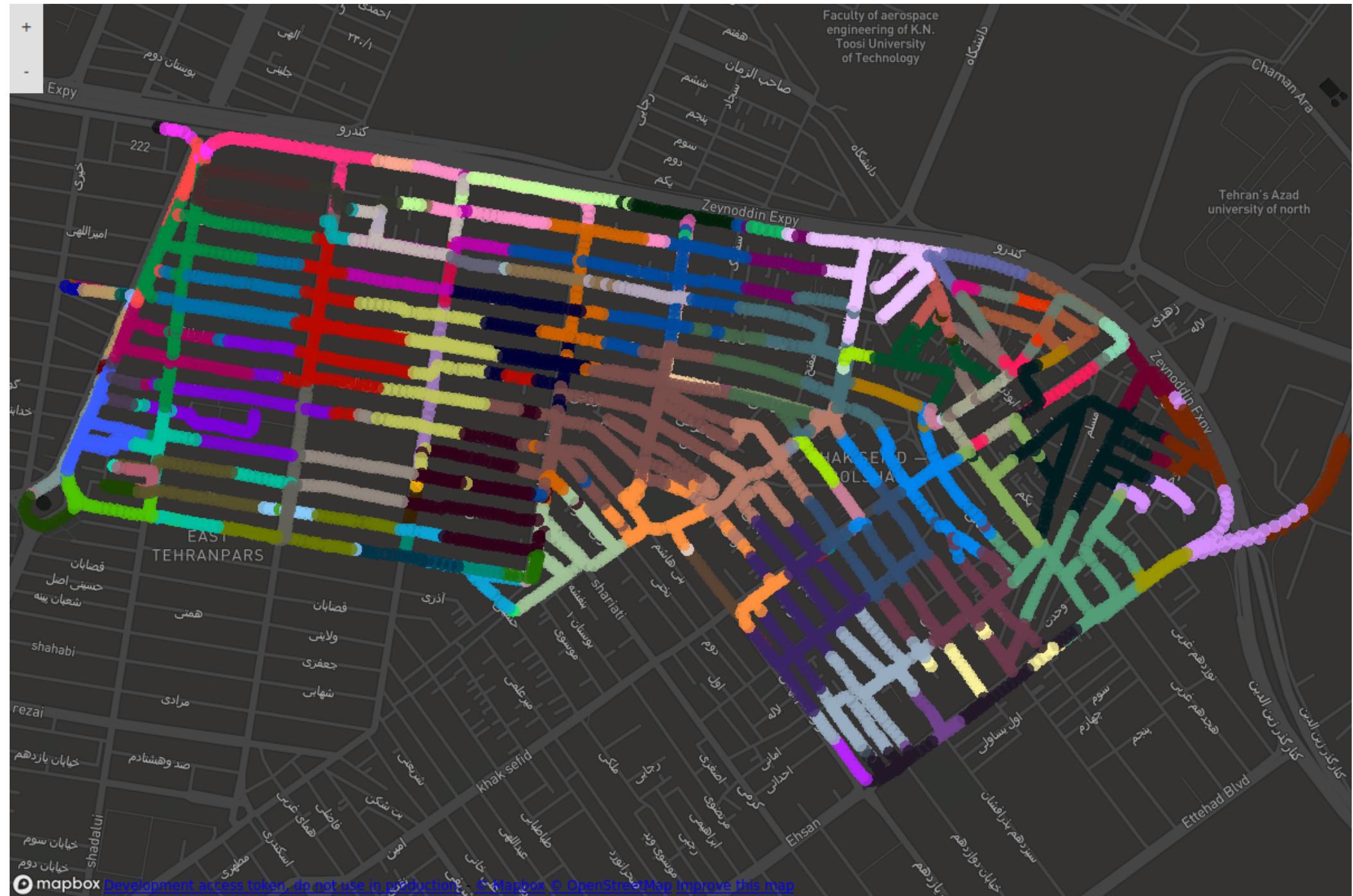


Figure 3.17: Cell Identity parameter for Serving cell on map

Table 3.4: Cell Identity parameter for Serving cell on map

Color	Name	Count	Distance	Distribution	Tech
	Null	1	0	0.02	
pink	23261451	9	106	0.20	4G
red	23261443	28	404	0.62	4G
green	23261442	136	1952	3.02	4G
blue	23478019	75	1046	1.67	4G
magenta	23475201	59	800	1.31	4G
brown	23475203	1	11	0.02	4G
dark blue	23475209	3	23	0.07	4G
tan	23475207	15	193	0.33	4G
dark green	23478025	2	29	0.04	4G
light blue	23261448	4	48	0.09	4G
grey	23475208	2	25	0.04	4G
dark red	23261449	3	32	0.07	4G
light grey	23248393	23	306	0.51	4G
dark green	23248392	22	288	0.49	4G
light green	23248386	31	423	0.69	4G
blue	23248387	67	813	1.49	4G
dark grey	23475202	11	164	0.24	4G
pink	23261441	52	798	1.16	4G
grey	23675915	55	683	1.22	4G
red	23478017	129	1754	2.87	4G
olive	23189763	43	585	0.96	4G

teal	23248385	66	921	1.47	4G
orange	23114243	7	94	0.16	4G
pink	23367683	56	719	1.24	4G
magenta	23183107	50	671	1.11	4G
orange	23367682	71	956	1.58	4G
dark blue	23183105	84	1090	1.87	4G
brown	23366915	265	3457	5.89	4G
light green	23475971	88	1132	1.96	4G
dark purple	23189761	121	1592	2.69	4G
blue	23189762	36	516	0.80	4G
dark blue	23189765	17	249	0.38	4G
teal	23189768	13	181	0.29	4G
brown	23189767	8	100	0.18	4G
yellow	23189777	2	36	0.04	4G
purple	23183112	29	377	0.64	4G
red	23183111	11	146	0.24	4G
light grey	23183110	34	452	0.76	4G
light green	23367686	32	441	0.71	4G
dark green	23367684	19	247	0.42	4G
blue	23769347	111	1415	2.47	4G
magenta	23769345	28	368	0.62	4G
green	23367681	6	91	0.13	4G
light pink	23114242	116	1501	2.58	4G



	23769346	111	1509	2.47	4G
	23366914	123	1642	2.73	4G
	23366917	7	97	0.16	4G
	23366933	15	192	0.33	4G
	23366919	2	31	0.04	4G
	23366921	19	273	0.42	4G
	23769367	14	172	0.31	4G
	23367701	3	35	0.07	4G
	23183106	105	1408	2.33	4G
	23366913	47	646	1.04	4G
	23370243	85	1111	1.89	4G
	23367685	16	231	0.36	4G
	23261444	14	183	0.31	4G
	23769350	20	244	0.44	4G
	23478020	9	105	0.20	4G
	23261445	45	582	1.00	4G
	23183113	10	121	0.22	4G
	23183108	1	13	0.02	4G
	23475969	83	1108	1.85	4G
	23189771	43	526	0.96	4G
	23248391	40	566	0.89	4G
	23248390	1	10	0.02	4G
	23248388	13	150	0.29	4G
	23189766	10	123	0.22	4G
	23675918	1	10	0.02	4G
	23367427	1	10	0.02	4G

	23750145	1	10	0.02	4G
	23475977	13	149	0.29	4G
	23478018	97	1329	2.16	4G
	23370241	25	274	0.56	4G
	23114241	22	315	0.49	4G
	23370755	51	699	1.13	4G
	23370753	41	519	0.91	4G
	23263234	64	1037	1.42	4G
	23366403	64	1068	1.42	4G
	23327233	26	384	0.58	4G
	23327235	139	1818	3.09	4G
	23366657	28	387	0.62	4G
	23327234	57	799	1.27	4G
	23366658	20	259	0.44	4G
	23297281	9	115	0.20	4G
	23366659	125	1616	2.78	4G
	23769091	135	1749	3.00	4G
	23769111	7	106	0.16	4G
	23475989	16	205	0.36	4G
	23366934	1	15	0.02	4G
	23366661	1	16	0.02	4G
	23769092	5	59	0.11	4G
	23370246	17	205	0.38	4G
	23769349	17	219	0.38	4G
	23769089	72	974	1.60	4G
	23769090	141	1880	3.13	4G

	23370242	49	599	1.09	4G
	23370754	145	1854	3.22	4G
	23769348	1	18	0.02	4G
	23370244	48	621	1.07	4G
	23370245	5	67	0.11	4G
	23370248	26	338	0.58	4G
	23370247	36	449	0.80	4G
	23114244	2	30	0.04	4G

	23114245	23	298	0.51	4G
	23370758	11	144	0.24	4G
	23370761	39	513	0.87	4G
	23114247	5	64	0.11	4G
	23370760	26	379	0.58	4G
	23370759	9	121	0.20	4G
	Total	4498 [#]	60034 [m]	100.00 [%]	

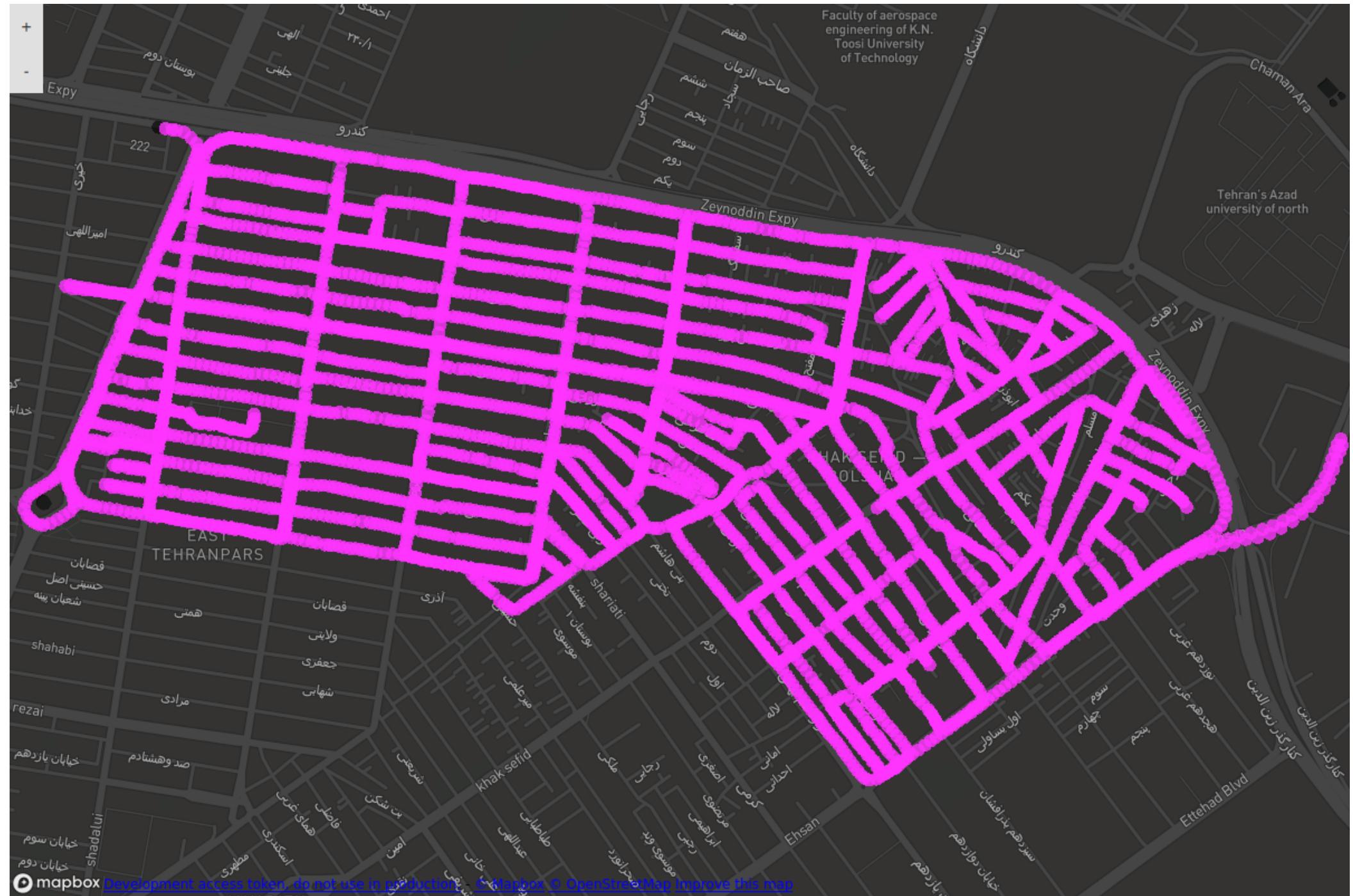


Figure 3.18: PLMN Identity parameter for Serving cell on map (Roaming)

Table 3.5: PLMN Identity parameter for Serving cell on map (Roaming)

Color	Name	Count	Distance	Distribution
Black	Null	1	0	0.02
Magenta	43211	4497	60034	99.98
	Total	4498 [#]	60034 [m]	100.00 [%]

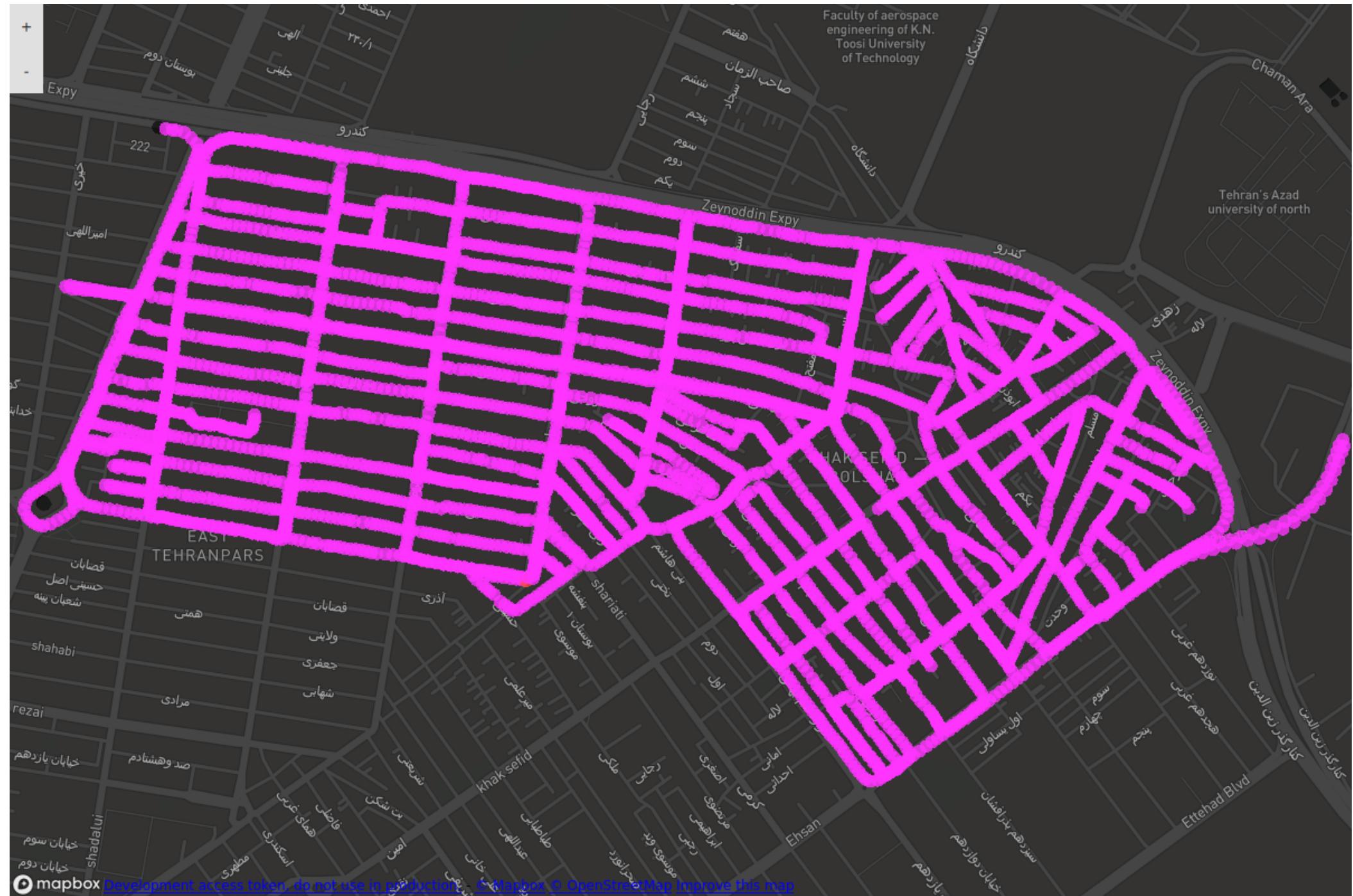


Figure 3.19: LAC/TAC parameter for Serving cell on map (2G and 3G=LAC, 4G=TAC)

Table 3.6: LAC/TAC parameter for Serving cell on map (2G and 3G=LAC, 4G=TAC)

Color	Name	Count	Distance	Distribution	Tech
Black	Null	1	0	0.02	
Magenta	45214	4496	60024	99.96	4G

	45215	1	10	0.02	4G
	Total	4498 [#]	60034 [m]	100.00 [%]	

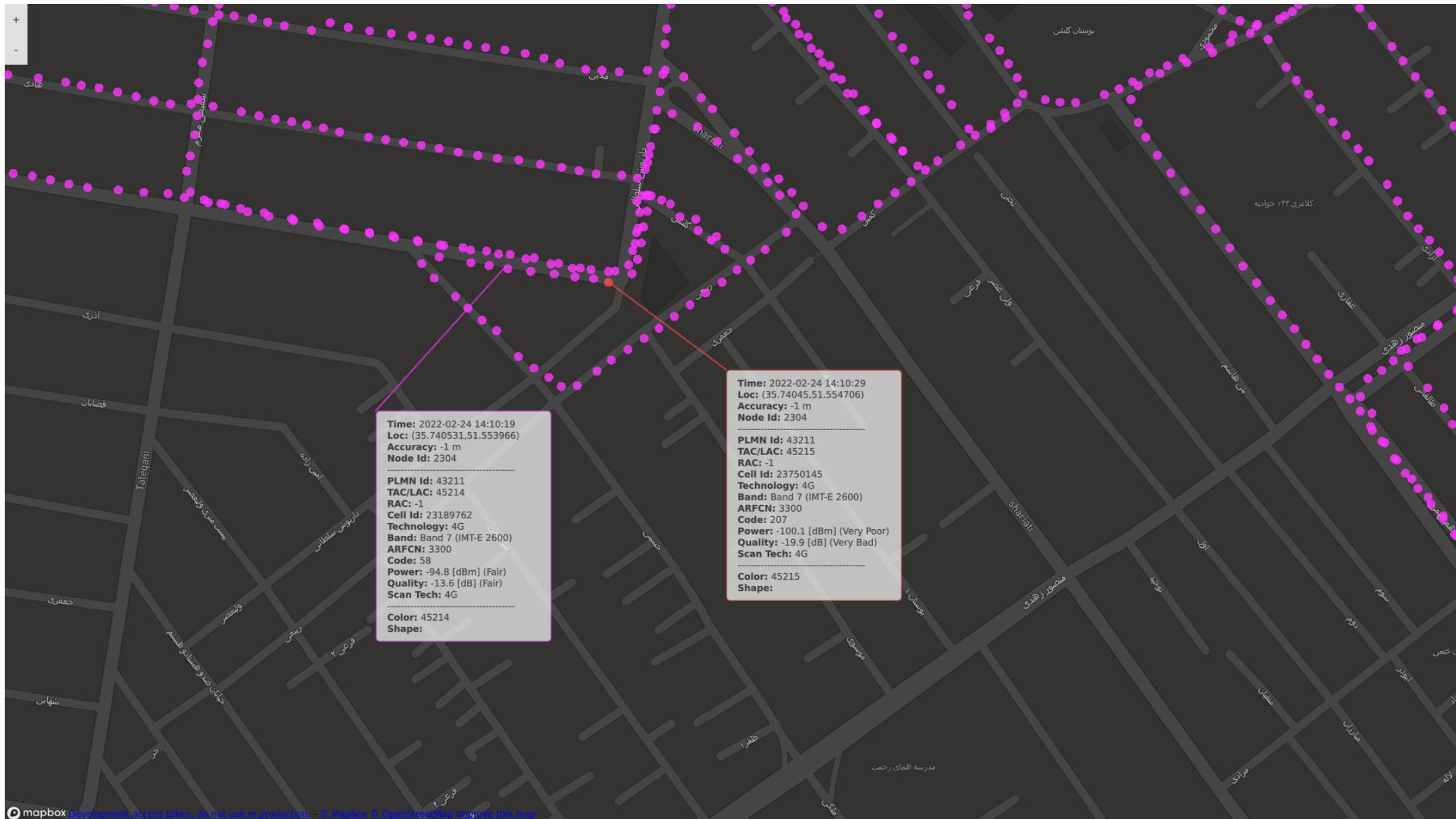


Figure 3.20: Alone TAC 45215

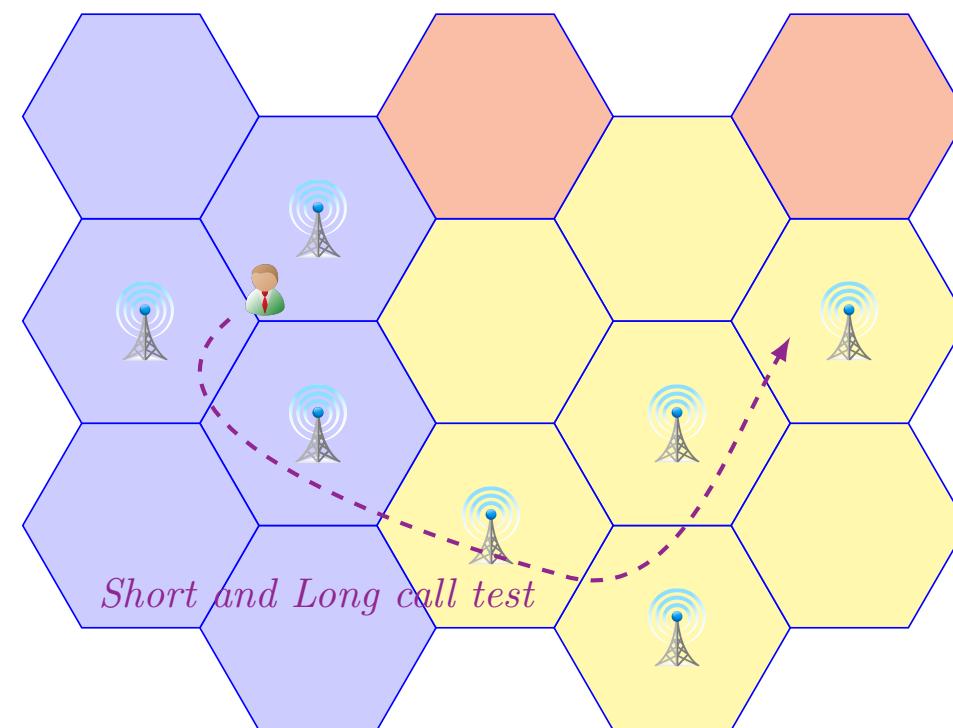
4. Tests

During the *Drive Test*, the user can define and perform various tests, including call, SMS and Internet service test. The following table lists the tests defined in this experiment.

4.1 Call Test Results

The calls test can be of two types:

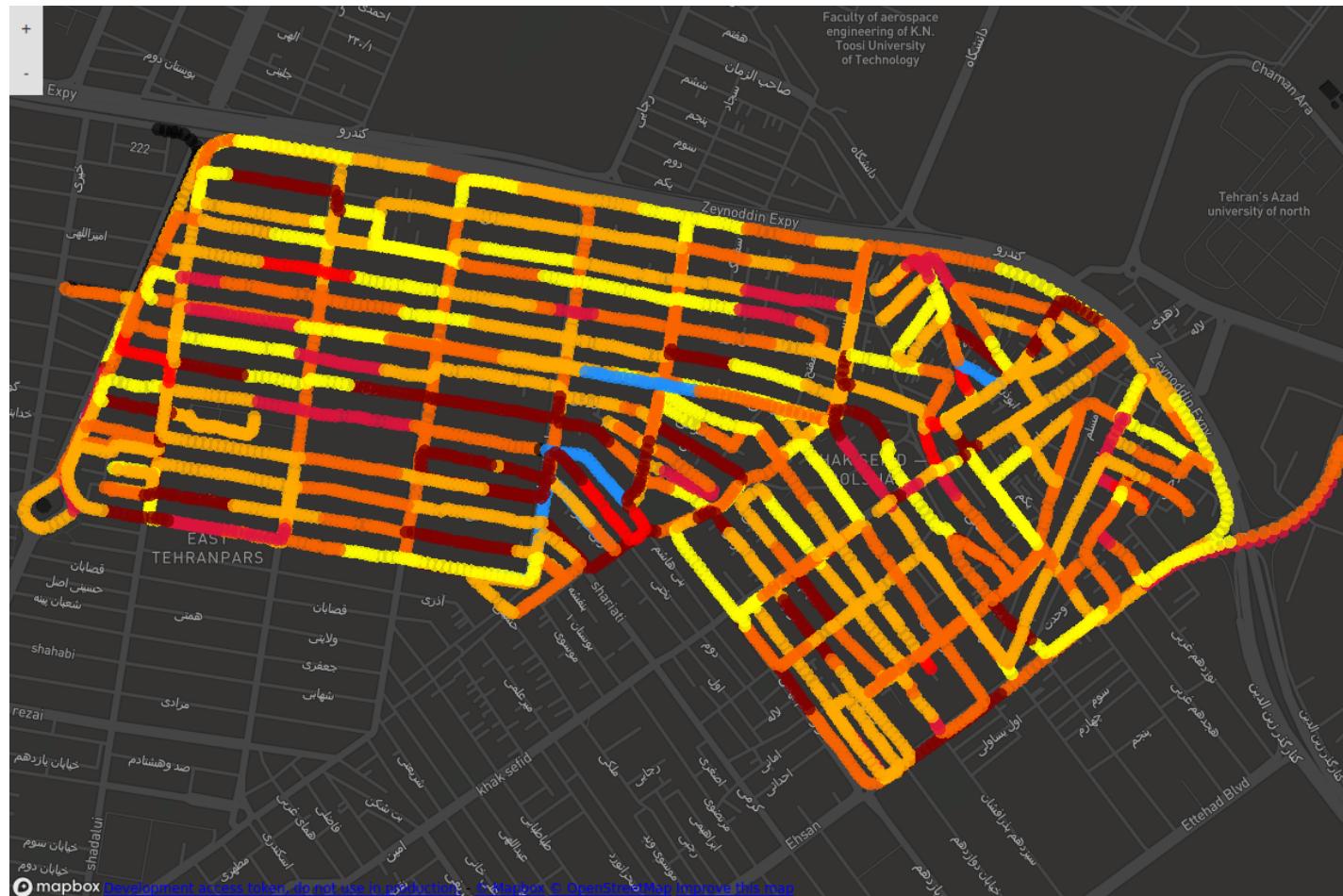
- Short calls should last the average of a user call - a good reference value is 15 to 30 seconds. Serve to check whether the calls are being established and successfully completed (being a good way to also check the network setup time).
- Long calls serve to verify if the handovers (continuity between the cells) of the network are working, ie calls must not drop.





4.2 Data Test Results

Figure 4.1: Ping time on map [ms]



Color Information

Color	Name	Count	Distance	Distribution
	No Coverage	0	0	0.00
Dark Red	Awful	483	6498	10.74
Red	Very Bad	259	3643	5.76
Orange	Bad	96	1225	2.13
Yellow	Very Poor	1264	16851	28.10
Light Orange	Poor	1527	20120	33.95
Light Yellow	Fair	734	9905	16.32
Green	Good	0	0	0.00
Dark Green	Very Good	0	0	0.00
Black	Excellent	0	0	0.00
Blue	Unsuccess	88	1153	1.96
White	Null	47	639	1.04
	Total	4498 [#]	60034 [m]	100.00 [%]

Ranges

Color	Name	Range
	No Coverage	$5000 \leq X$
Dark Red	Awful	$500 \leq X < 5000$
Red	Very Bad	$300 \leq X < 500$
Orange	Bad	$250 \leq X < 300$
Yellow	Very Poor	$180 \leq X < 250$
Light Orange	Poor	$150 \leq X < 180$
Light Yellow	Fair	$120 \leq X < 150$
Green	Good	$100 \leq X < 120$
Dark Green	Very Good	$80 \leq X < 100$
Black	Excellent	$0 \leq X < 80$
Blue	Unsuccess	$-10 \leq X < 0$

Statistic Information

Count	Mean	Max	Min	Median	Mode	Std	Variance	CI [95%]
399	313.26	4801.00	126.00	218.00	158.00	467.11	218187.53	[-620.95,1247.47]

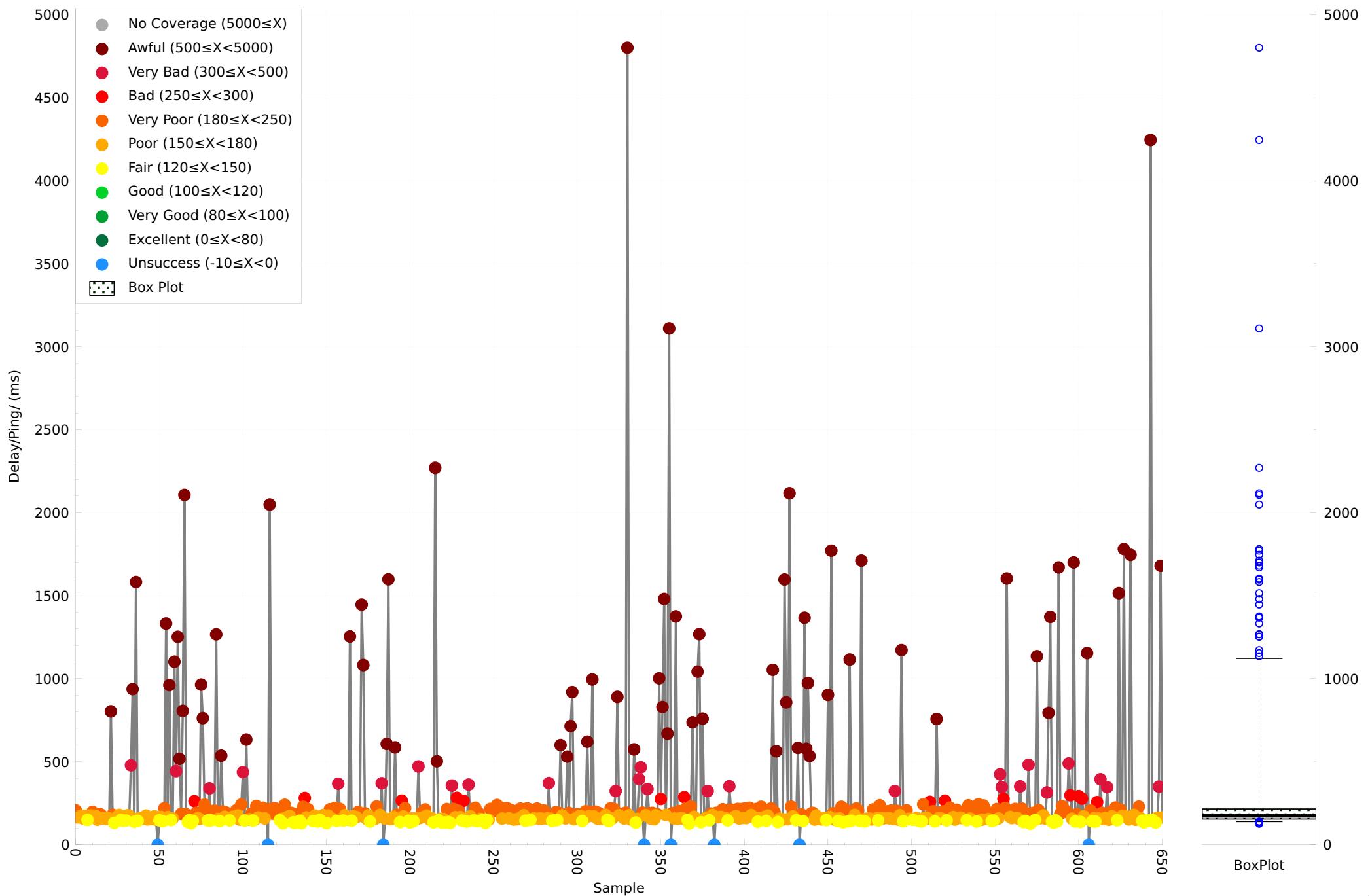
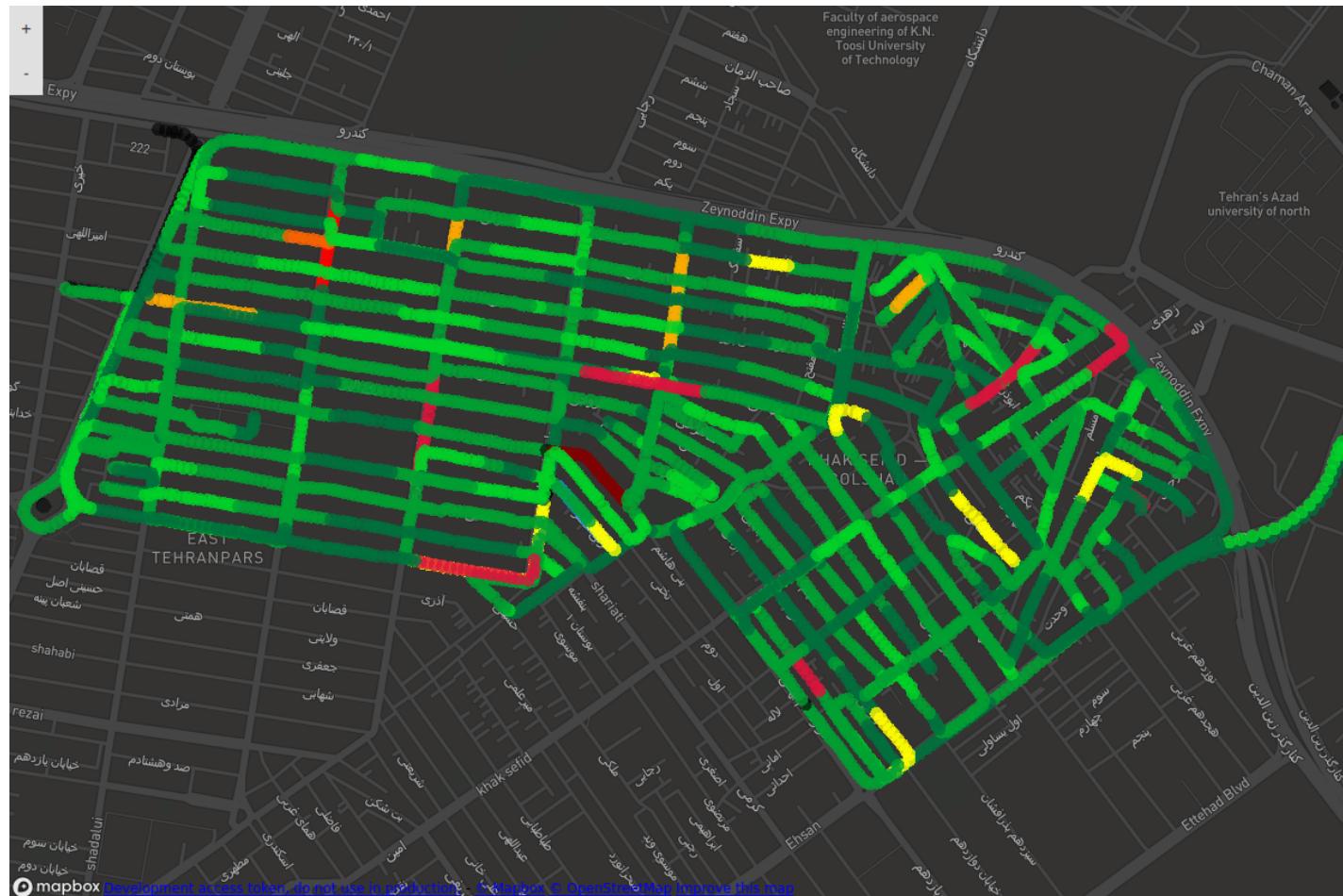


Figure 4.2: Ping samples versus as time

Figure 4.3: UE Jitter on map (QoE)



Color Information

Color	Name	Count	Distance	Distribution
Grey	No Coverage	0	0	0.00
Dark Red	Awful	18	231	0.40
Red	Very Bad	99	1328	2.20
Orange	Bad	15	218	0.33
Yellow	Very Poor	9	118	0.20
Light Orange	Poor	49	674	1.09
Yellow	Fair	106	1415	2.36
Dark Green	Good	833	11124	18.52
Medium Green	Very Good	1993	26425	44.31
Dark Blue	Excellent	1308	17593	29.08
Light Blue	Unsuccess	15	193	0.33
Black	Null	53	715	1.18
	Total	4498 [#]	60034 [m]	100.00 [%]

Ranges

Color	Name	Range
Grey	No Coverage	$2000 \leq X$
Dark Red	Awful	$1000 \leq X < 2000$
Red	Very Bad	$300 \leq X < 1000$
Orange	Bad	$200 \leq X < 300$
Yellow	Very Poor	$180 \leq X < 200$
Light Orange	Poor	$140 \leq X < 180$
Yellow	Fair	$100 \leq X < 140$
Dark Green	Good	$50 \leq X < 100$
Medium Green	Very Good	$30 \leq X < 50$
Dark Blue	Excellent	$0 \leq X < 30$
Light Blue	Unsuccess	$-10 \leq X < 0$

Statistic Information

Count	Mean	Max	Min	Median	Mode	Std	Variance	CI [95%]
406	52.62	1561.00	2.00	36.00	35.00	99.56	9911.30	[-146.49,251.73]

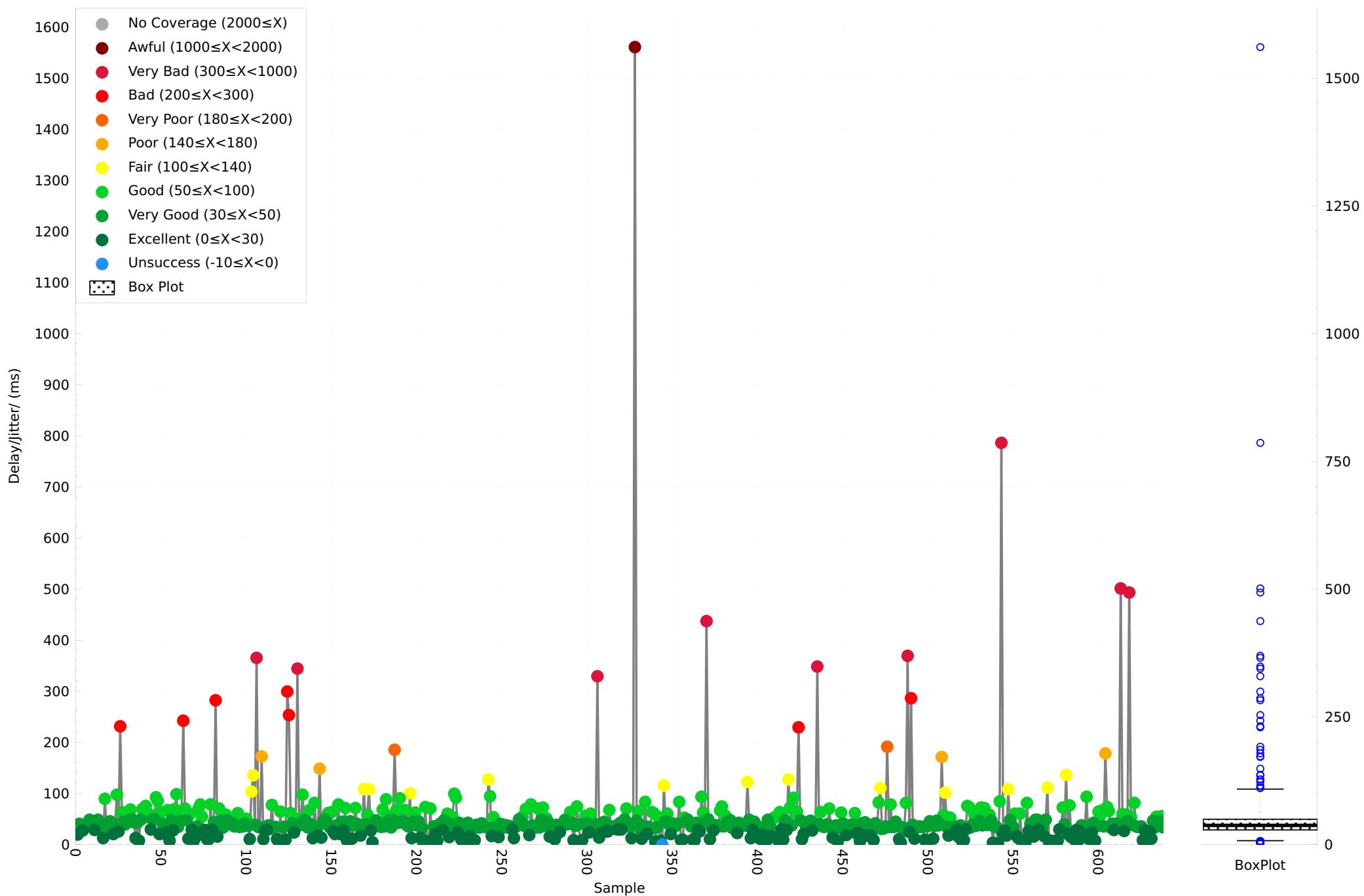
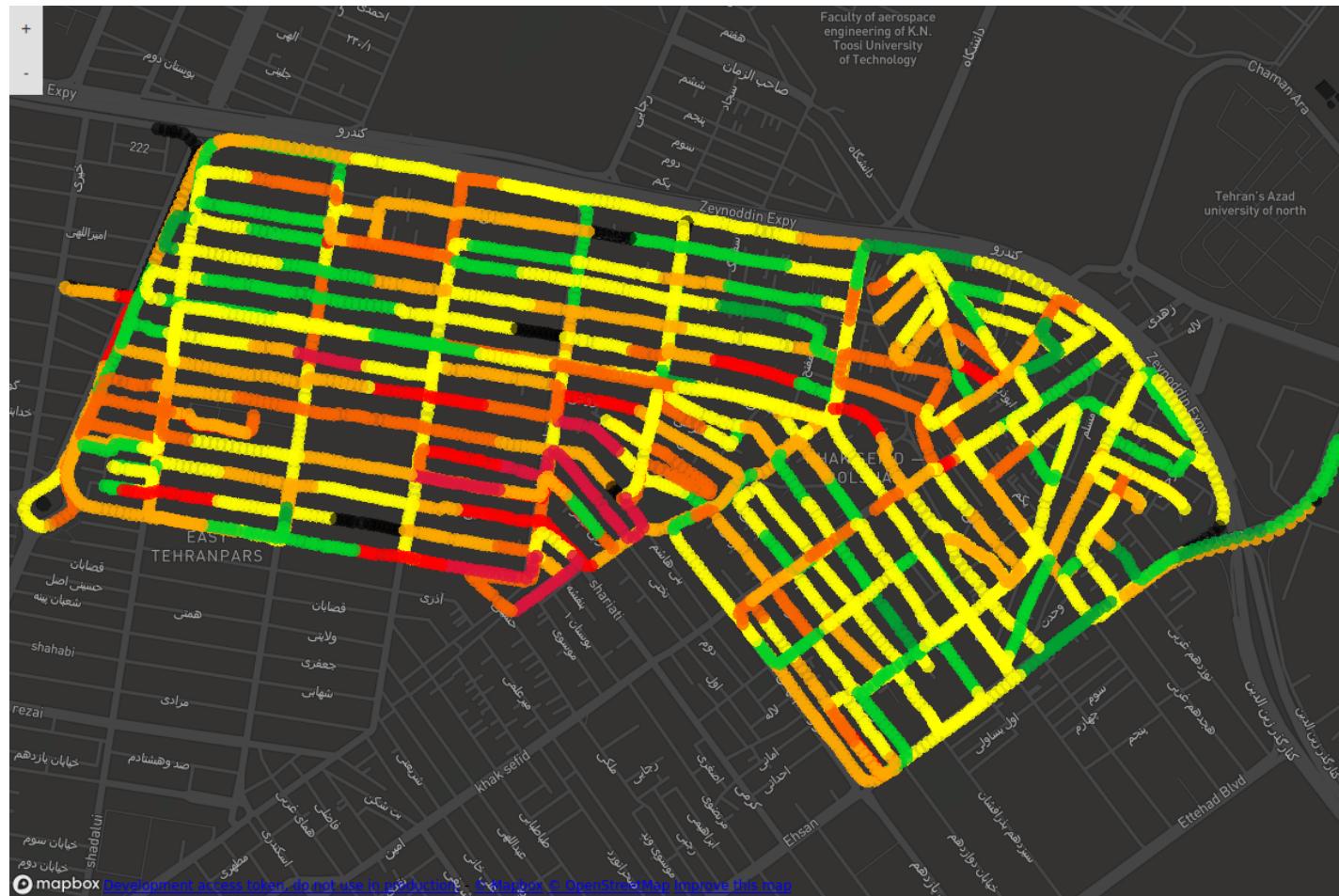


Figure 4.4: Jitter samples versus as time

Figure 4.5: Downlink throughput on map [kbps]



Color Information

Color	Name	Count	Distance	Distribution
Dark Green	Excellent	0	0	0.00
Medium Green	Very Good	143	2014	3.18
Light Green	Good	702	9509	15.61
Yellow	Fair	1662	21971	36.95
Orange	Poor	952	12744	21.16
Red	Very Poor	591	7799	13.14
Dark Red	Bad	232	3140	5.16
Magenta	Very Bad	116	1505	2.58
Grey	Awful	0	0	0.00
Light Blue	No Coverage	0	0	0.00
Dark Blue	Unsuccess	0	0	0.00
Black	Null	100	1352	2.22
White	Total	4498 [#]	60034 [m]	100.00 [%]

Ranges

Color	Name	Range
Dark Green	Excellent	$20000 \leq X$
Medium Green	Very Good	$10000 \leq X < 20000$
Light Green	Good	$5000 \leq X < 10000$
Yellow	Fair	$2000 \leq X < 5000$
Orange	Poor	$1024 \leq X < 2000$
Red	Very Poor	$512 \leq X < 1024$
Dark Red	Bad	$256 \leq X < 512$
Magenta	Very Bad	$100 \leq X < 256$
Grey	Awful	$20 \leq X < 100$
Light Blue	No Coverage	$0 \leq X < 20$
Dark Blue	Unsuccess	$X < 0$

Statistic Information

Count	Mean	Max	Min	Median	Mode	Std	Variance	CI [95%]
395	3077.00	17885.00	133.00	1089.00	902.00	2734.64	7478263.26	[-2392.28, 8546.29]

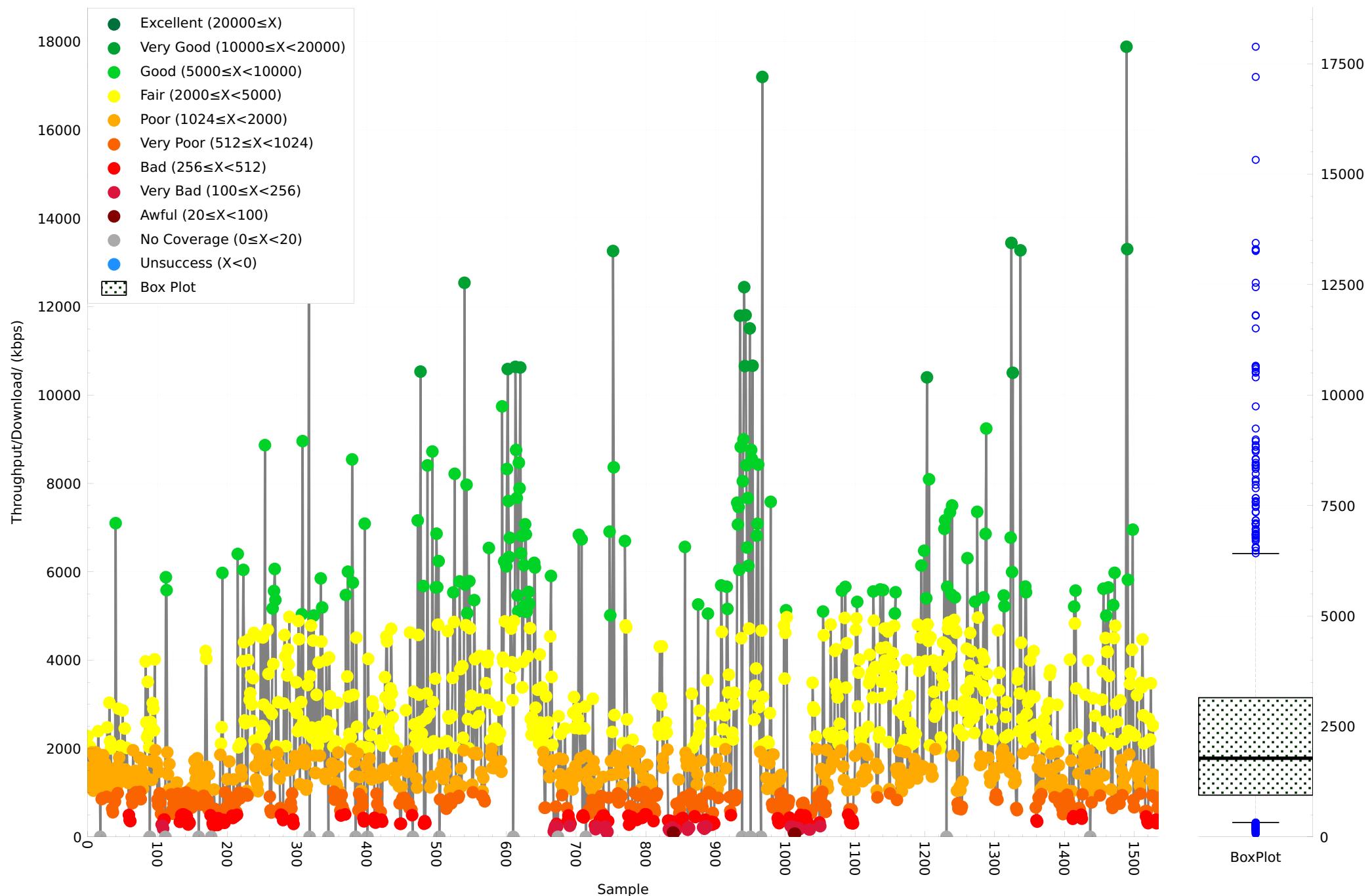
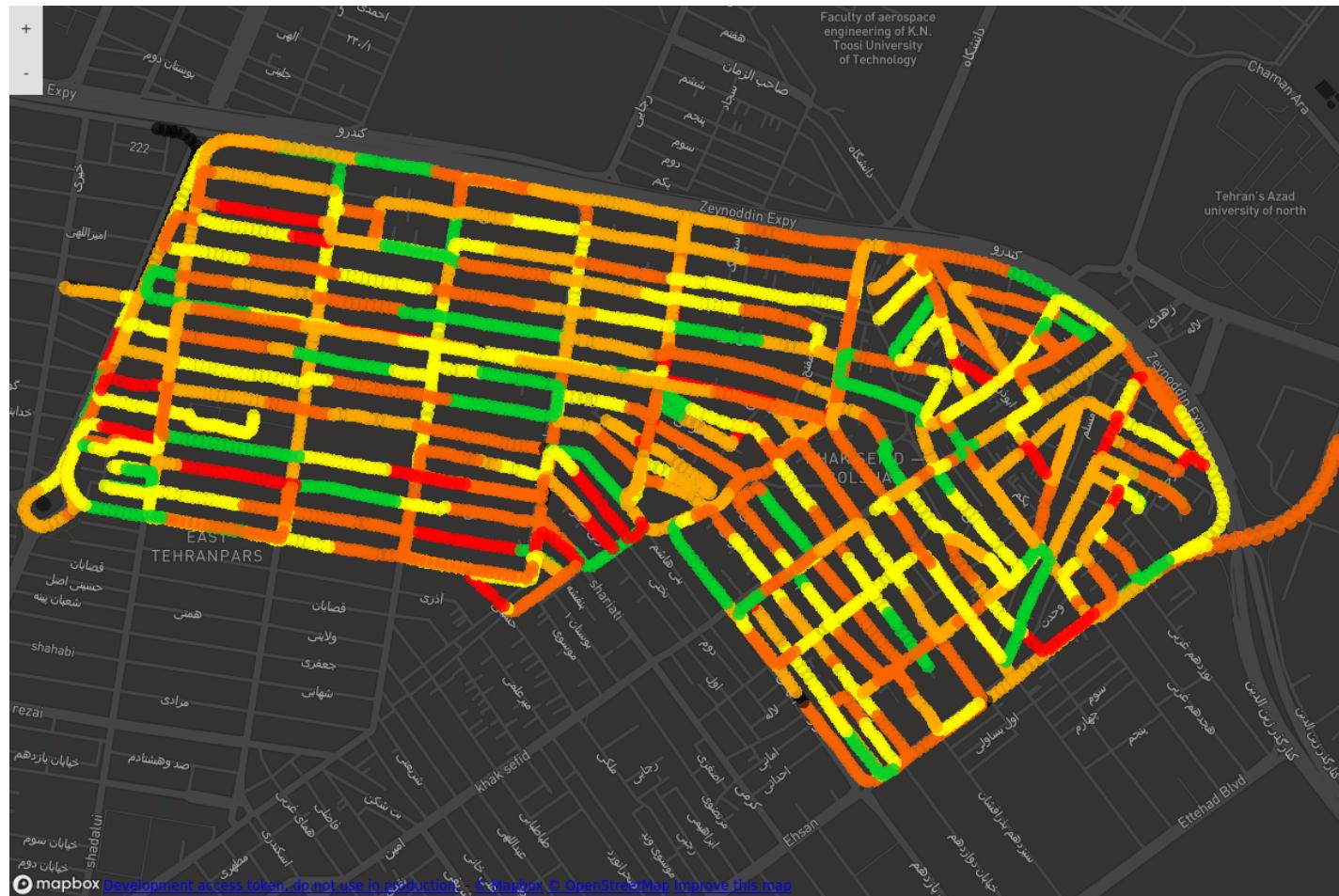


Figure 4.6: Download throughput samples versus as time

Figure 4.7: DNS on map [ms]



Color Information

Color	Name	Count	Distance	Distribution
Grey	No Coverage	0	0	0.00
Dark Red	Awful	0	0	0.00
Red	Very Bad	13	163	0.29
Orange	Bad	300	3943	6.67
Yellow	Very Poor	1382	18699	30.72
Light Orange	Poor	1133	15015	25.19
Light Yellow	Fair	1067	14214	23.72
Green	Good	545	7208	12.12
Dark Green	Very Good	0	0	0.00
Black	Excellent	0	0	0.00
Blue	Unsuccess	0	0	0.00
White	Null	58	792	1.29
	Total	4498 [#]	60034 [m]	100.00 [%]

Ranges

Color	Name	Range
Grey	No Coverage	$30000 \leq X$
Dark Red	Awful	$2000 \leq X < 30000$
Red	Very Bad	$1200 \leq X < 2000$
Orange	Bad	$600 \leq X < 1200$
Yellow	Very Poor	$400 \leq X < 600$
Light Orange	Poor	$300 \leq X < 400$
Light Yellow	Fair	$200 \leq X < 300$
Green	Good	$100 \leq X < 200$
Dark Green	Very Good	$80 \leq X < 100$
Black	Excellent	$0 \leq X < 80$
Blue	Unsuccess	$-10 \leq X < 0$

Statistic Information

Count	Mean	Max	Min	Median	Mode	Std	Variance	CI [95%]
408	388.30	1892.00	136.00	347.50	386.00	183.58	33700.51	[21.15,755.46]

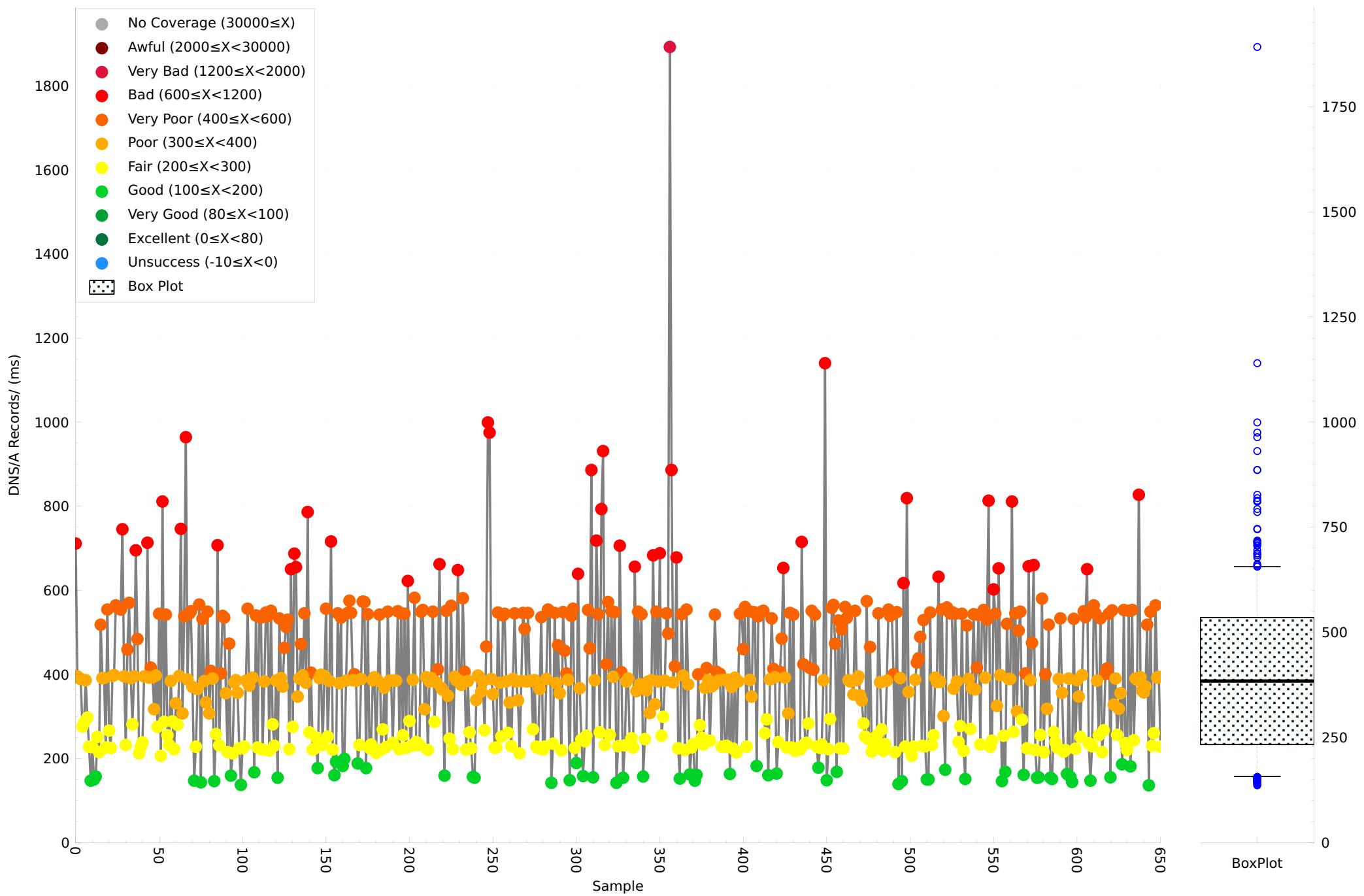


Figure 4.8: DNS samples versus as time

5. Procedures





5.1 KPIs

Name	Calculation
AttachSR	Attach Accept / Attach Request
Call Success Rate (CSSR)	Setup / (Call Proceeding+Call Confirmed)
Location Area Update (LAUSR)	Location Updating Accept / Location Updating Request
Routing Area Update (RAUSR)	Routing Area Update Accept / Routing Area Update Request
RRCSSR	RRC Connection Accept / RRC Connection Request
Success Data Connection (DataSR)	Activate PDP Context Accept / Activate PDP Context Request
Success SMS Rate (SMSSR)	CP ACK / CP Data
Tracking Area Update (TAUSR)	Tracking Area Update Accept / Tracking Area Update Request

Table 5.1: Message Counter

Count	Last Timestamp	N	T	D	C	Type	Name	Name ExtraId
30405	2022-02-24 18:09:55.733	2304	4G		RRC	UL DCCH	Measurement Report	0
2517	2022-02-24 18:09:12.713	2304	4G		RRC	UL DCCH	RRC Connection Reconfiguration Complete	0
2517	2022-02-24 18:09:12.712	2304	4G		RRC	DL DCCH	RRC Connection Reconfiguration	0
2143	2022-02-24 18:09:13.133	2304	4G		RRC	BCCH_SCH	System Information	0
1489	2022-02-24 18:09:12.951	2304	4G		RRC	BCCH_SCH	SIB 1	0
1370	2022-02-24 18:09:12.953	2304	4G		RRC	BCCH_BCH	MIB	0
210	2022-02-24 18:09:59.779	2304	4G		RRC	UL CCCH	RRC Connection Request	0
208	2022-02-24 18:09:59.833	2304	4G		RRC	UL DCCH	RRC Connection Setup Complete	0
208	2022-02-24 18:09:59.832	2304	4G		RRC	DL CCCH	RRC Connection Setup	0
207	2022-02-24 18:09:58.830	2304	4G		RRC	DL DCCH	RRC Connection Release	0
207	2022-02-24 18:09:59.779	2304	4G		NAS	EMM		0
206	2022-02-24 17:59:18.774	2304	4G		RRC	DL DCCH	UE Capability Enquiry	0
206	2022-02-24 17:59:18.775	2304	4G		RRC	UL DCCH	UE Capability Information	0
206	2022-02-24 17:59:18.786	2304	4G		RRC	UL DCCH	Security Mode Complete	0
206	2022-02-24 17:59:18.786	2304	4G		RRC	DL DCCH	Security Mode Command	0
13	2022-02-24 15:44:00.001	2304	4G		RRC	UL DCCH	UL Information Transfer	0
13	2022-02-24 15:43:59.998	2304	4G		RRC	DL DCCH	DL Information Transfer	0
6	2022-02-24 15:43:59.697	2304	4G		RRC	UL CCCH	RRC Connection Reestablishment Request	0
5	2022-02-24 15:44:04.957	2304	4G		RRC	DL DCCH	UE Information Request	0
5	2022-02-24 15:44:04.957	2304	4G		RRC	UL DCCH	UE Information Response	0

5	2022-02-24 14:10:34.231	2304			RRC	UL DCCH	RRC Connection Reestablishment Complete	0
5	2022-02-24 14:10:34.231	2304			RRC	DL CCCH	RRC Connection Reestablishment Request	0
4	2022-02-24 12:18:21.449	2304			NAS	EMM	Uplink NAS Transport	2
4	2022-02-24 12:18:21.441	2304			NAS	EMM	Uplink NAS Transport	0
4	2022-02-24 12:18:21.438	2304			NAS	EMM	Downlink NAS Transport	1
3	2022-02-24 15:44:00.001	2304			NAS	EMM	Tracking Area Update Complete	0
3	2022-02-24 15:44:00.000	2304			NAS	EMM	Tracking Area Update Accept	0
3	2022-02-24 15:43:59.983	2304			NAS	EMM	Tracking Area Update Request	0
2	2022-02-24 14:10:34.496	2304			NAS	EMM	EMM Information	0
1	2022-02-24 15:43:59.979	2304			RRC	DL CCCH	RRC Connection Reestablishment Reject	0

6. Scans charts



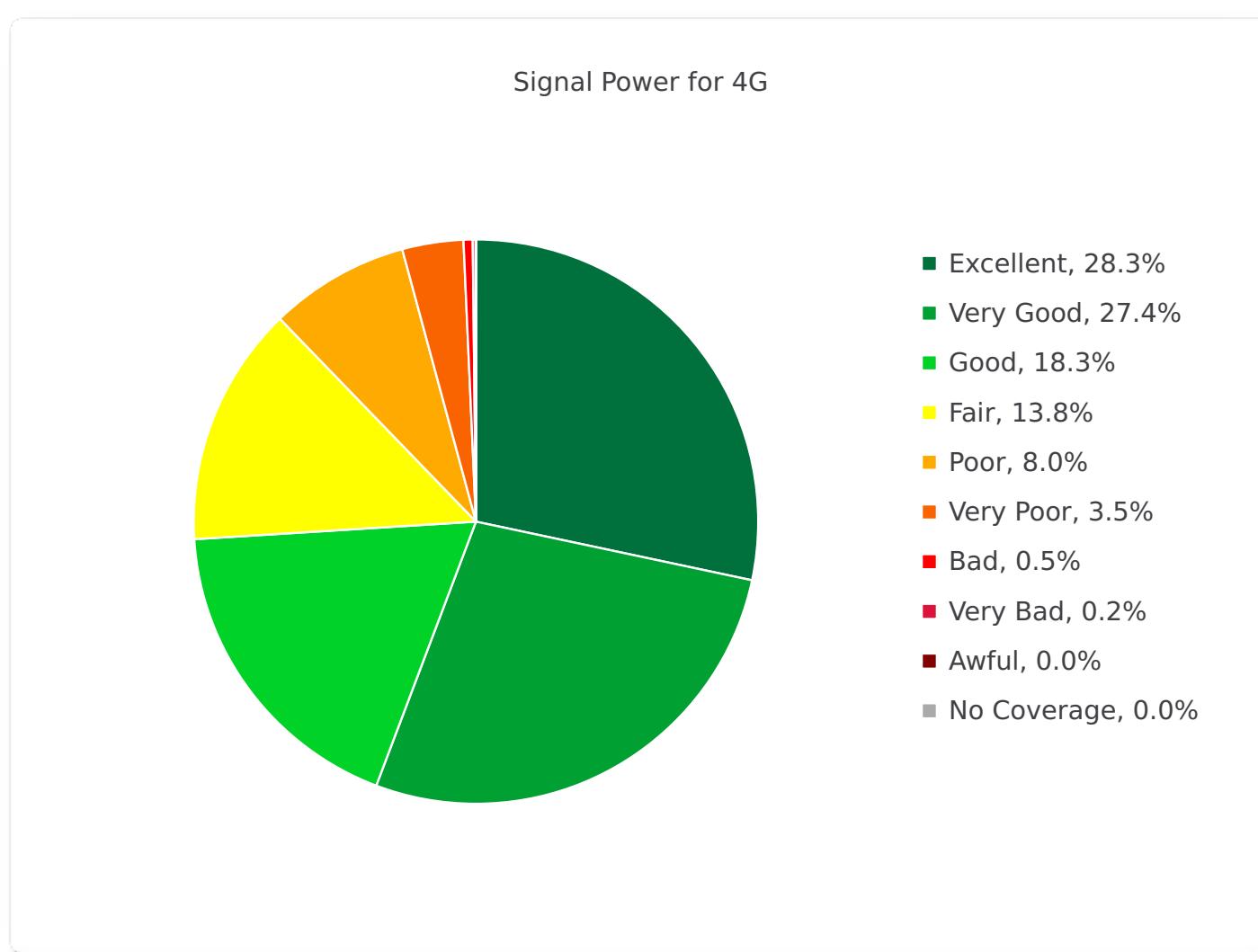


6.1 4G Scan Results

Reference Signal Received Power (RSRP), is defined as the linear average over the power contributions (in [W]) of the resource elements (REs) that carry cell-specific reference signals within the considered measurement frequency bandwidth. For RSRP determination the cell-specific reference signals R0 according TS 36.211 [3] shall be used. If the UE can reliably detect that R1 is available it may use R1 in addition to R0 to determine RSRP. Note : R0 is the Cell Specific Reference Signal for Antenna Port 0 and R1 is the Cell Specific Reference signal for Antenna Port 1 (Refer to 36.211 Figure 6.10.1.2-1. Mapping of downlink reference signals (normal cyclic prefix)). Its typical range is around -44dbm to -140dbm.

Since this measures only the reference power, we can say this is the strength of the wanted signal. But it does not give any information about signal quality. RSRP gives us the signal strength of the desired signal, not the quality of the signal. For quality of the signal information another parameter called 'RSSQ' is used in some case. Indicates quality of the received signal, and its range is typically -19.5dB(bad) to -3dB (good). This is the ratio of RSRP and total received signal and noise power (normalised to 1PRB bandwidth).

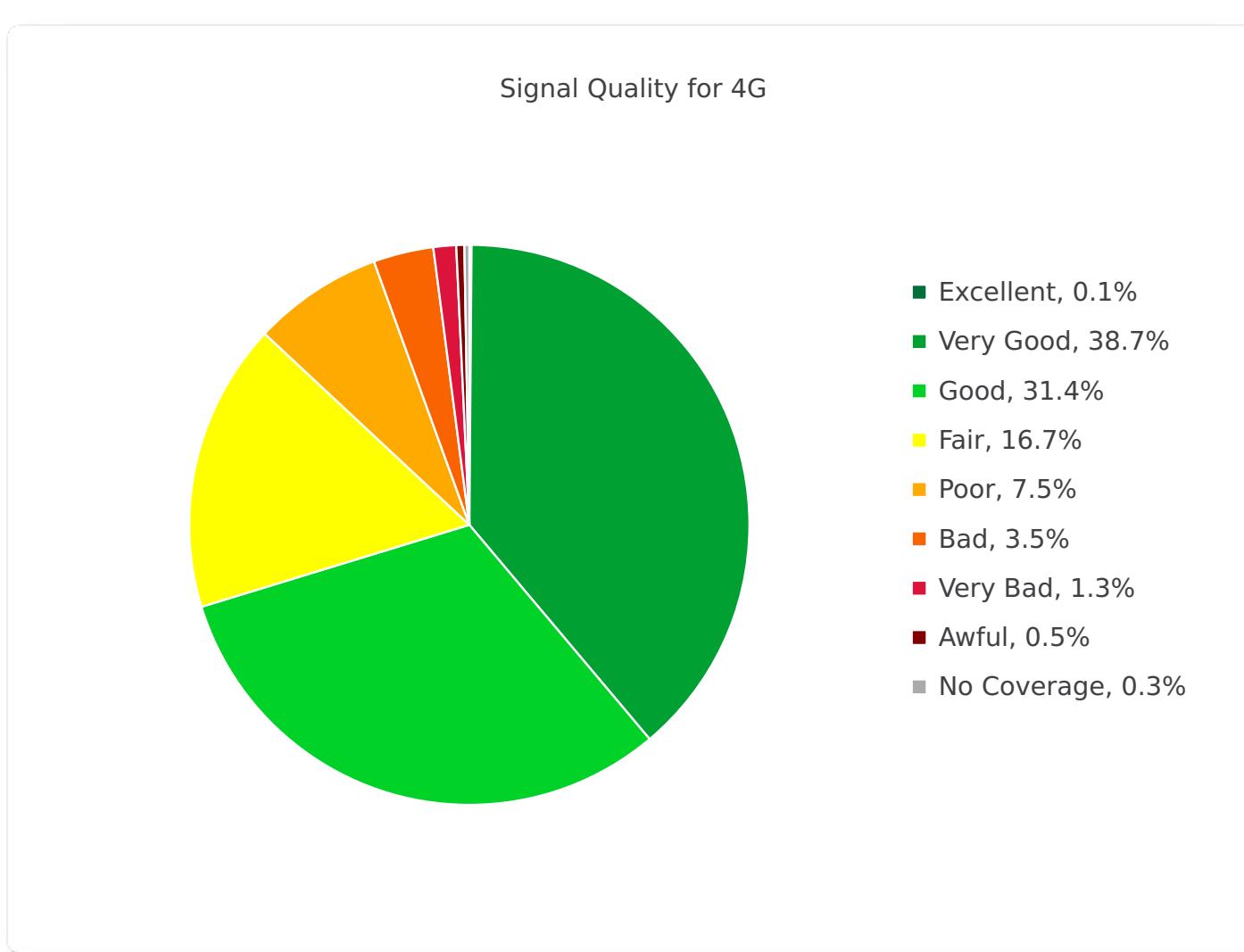
SINR is a measure of signal quality as well but it is not defined in the 3GPP specs but defined by the UE vendor. It is not reported to the network. SINR is used a lot by operators, and the LTE industry in general, as it better quantifies the relationship between RF conditions and Throughput. LTE UEs typically use SINR to calculate the CQI (Channel Quality Indicator) they report to the network.



Legend

C	Name	T	Range
■	Very Good	4G	$-85 \leq X < -80$
■	Good	4G	$-90 \leq X < -85$
■	Fair	4G	$-95 \leq X < -90$
■	Poor	4G	$-100 \leq X < -95$
■	Very Poor	4G	$-105 \leq X < -100$
■	Bad	4G	$-110 \leq X < -105$
■	Very Bad	4G	$-115 \leq X < -110$
■	Awful	4G	$-120 \leq X < -115$
■	No Coverage	4G	$X < -120$

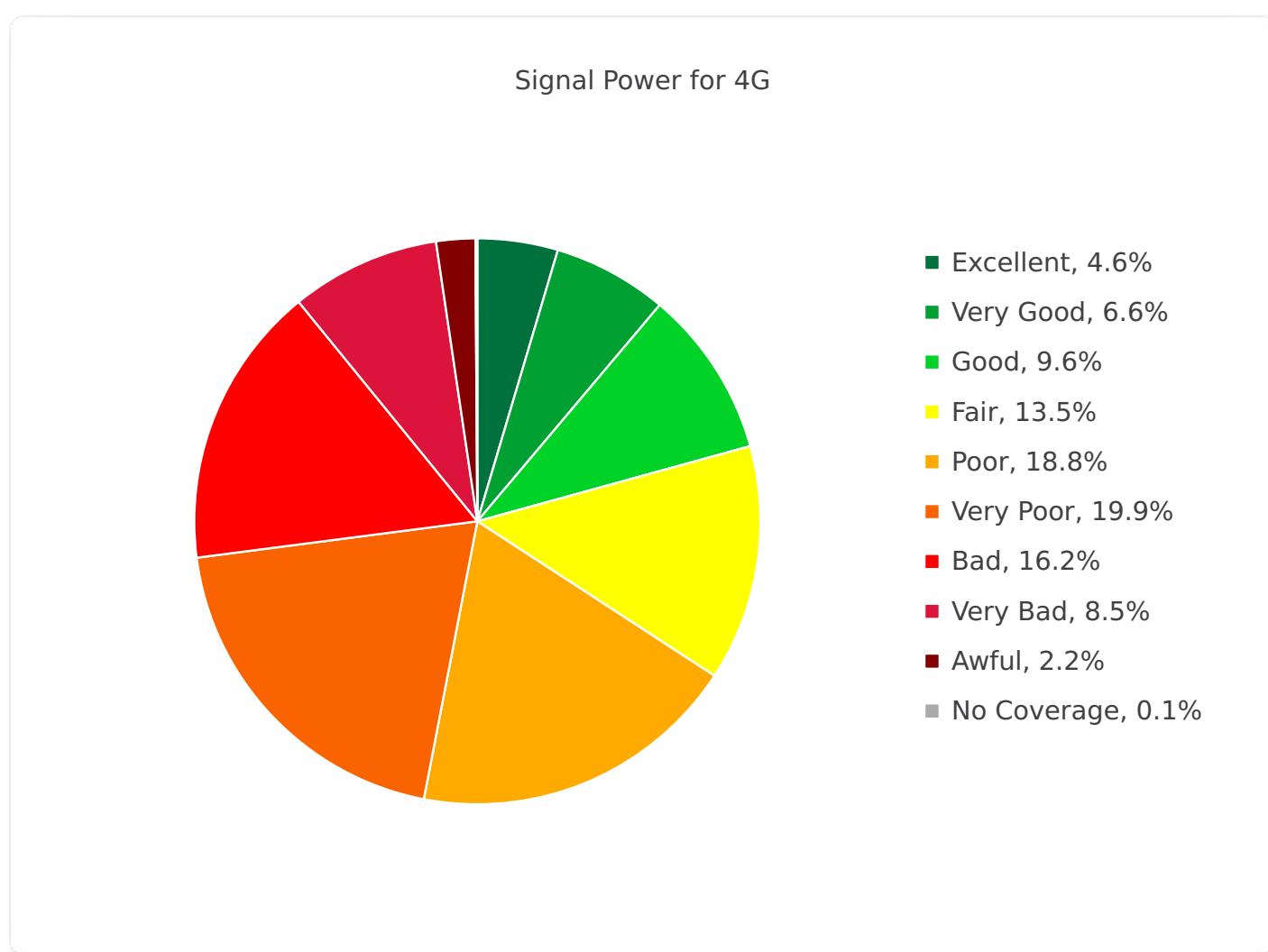
Figure 6.1: Reference Signal Received Powery (RSRP) for 4G Serving Cell.



Legend

C	Name	T	Range
Dark Green	Very Good	4G	$-10 \leq X < -6$
Medium Green	Good	4G	$-12 \leq X < -10$
Yellow	Fair	4G	$-14 \leq X < -12$
Orange	Poor	4G	$-16 \leq X < -14$
Red-Orange	Bad	4G	$-18 \leq X < -16$
Red	Very Bad	4G	$-20 \leq X < -18$
Dark Red	Awful	4G	$-22 \leq X < -20$
Grey	No Coverage	4G	$X < -22$

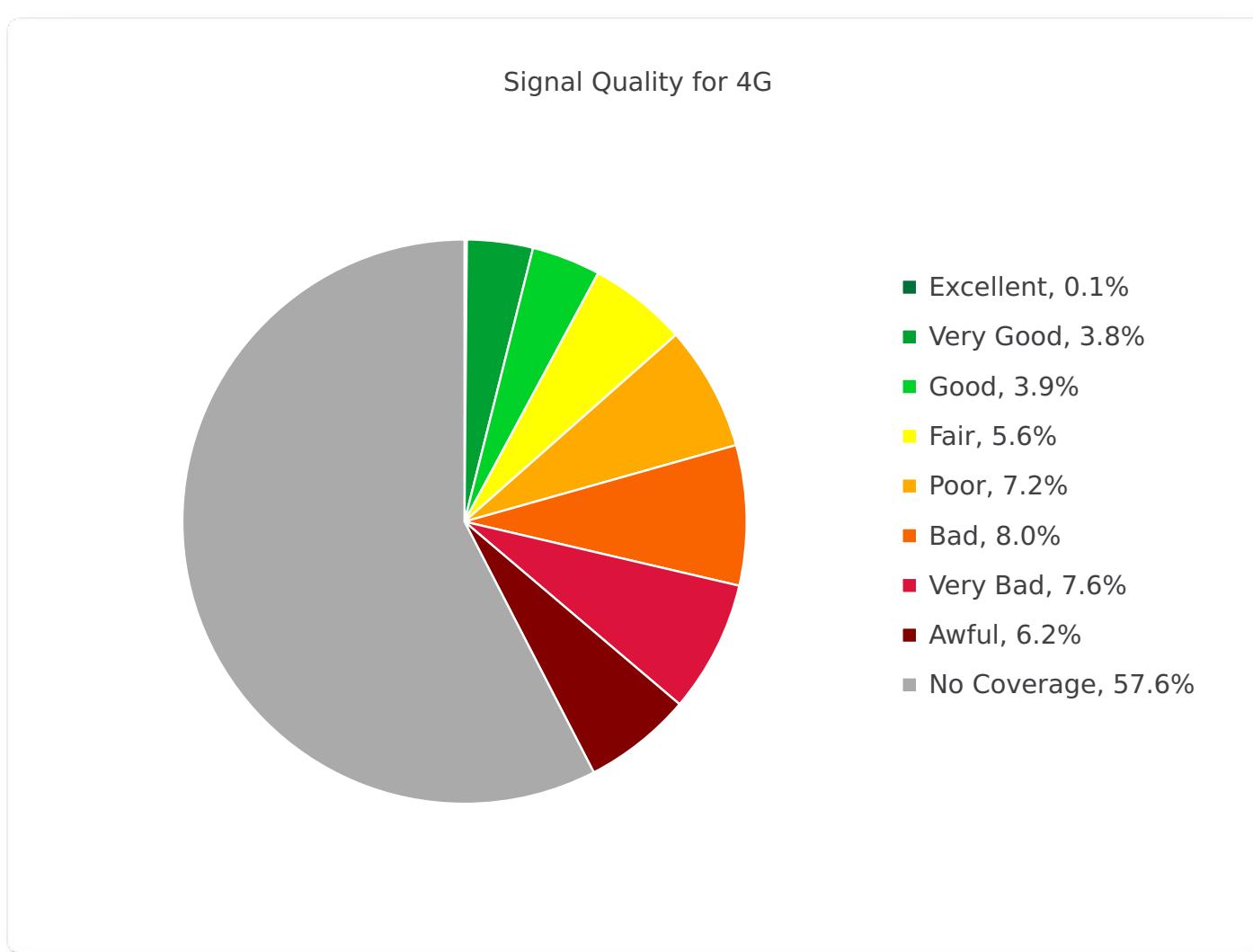
Figure 6.2: Reference Signal Received Quality (*RSRQ*) for 4G Serving Cell.



Legend

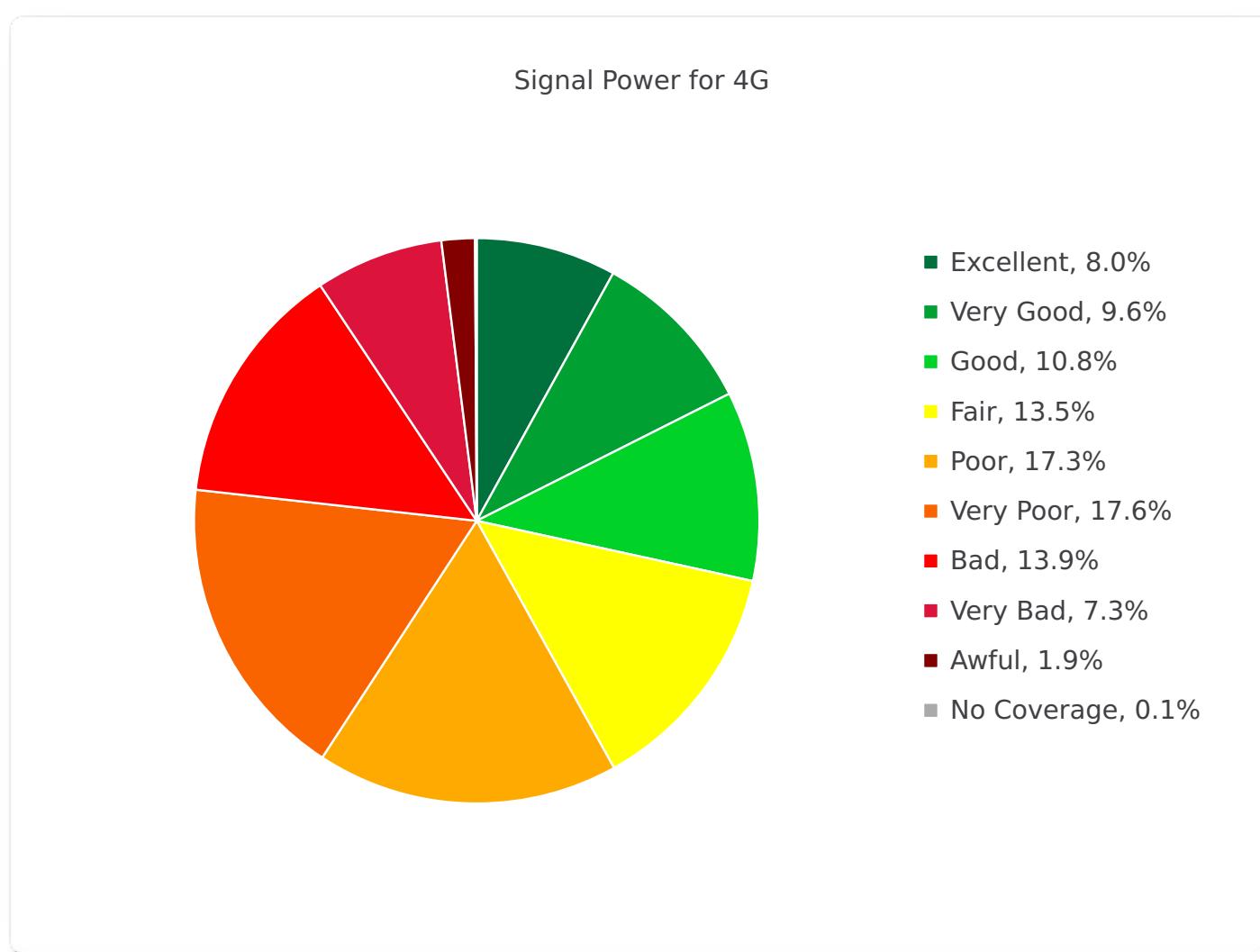
C	Name	T	Range
Very Good	4G		$-85 \leq X < -80$
Good	4G		$-90 \leq X < -85$
Fair	4G		$-95 \leq X < -90$
Poor	4G		$-100 \leq X < -95$
Very Poor	4G		$-105 \leq X < -100$
Bad	4G		$-110 \leq X < -105$
Very Bad	4G		$-115 \leq X < -110$
Awful	4G		$-120 \leq X < -115$
No Coverage	4G		$X < -120$

Figure 6.3: Reference Signal Received Power (RSRP) for 4G Neighbor Cell.

**Legend**

C	Name	T	Range
Very Good	4G	$-10 \leq X < -6$	
Good	4G	$-12 \leq X < -10$	
Fair	4G	$-14 \leq X < -12$	
Poor	4G	$-16 \leq X < -14$	
Bad	4G	$-18 \leq X < -16$	
Very Bad	4G	$-20 \leq X < -18$	
Awful	4G	$-22 \leq X < -20$	
No Coverage	4G	$X < -22$	

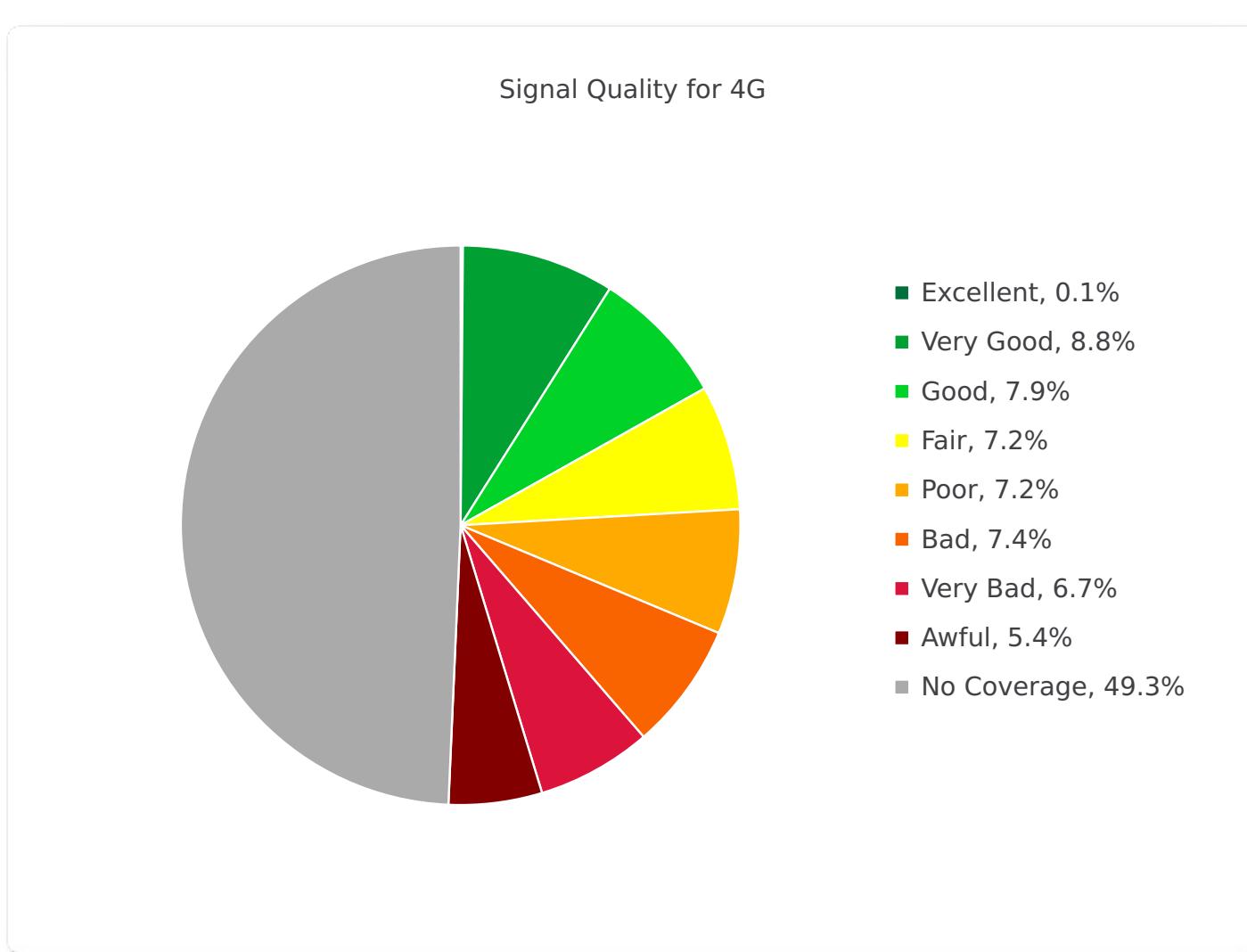
Figure 6.4: Reference Signal Received Quality (*RSRQ*) for 4G Neighbor Cell.



Legend

C	Name	T	Range
■	Very Good	4G	$-85 \leq X < -80$
■	Good	4G	$-90 \leq X < -85$
■	Fair	4G	$-95 \leq X < -90$
■	Poor	4G	$-100 \leq X < -95$
■	Very Poor	4G	$-105 \leq X < -100$
■	Bad	4G	$-110 \leq X < -105$
■	Very Bad	4G	$-115 \leq X < -110$
■	Awful	4G	$-120 \leq X < -115$
■	No Coverage	4G	$X < -120$

Figure 6.5: Reference Signal Received Powery (*RSRP*) for 4G Serving and Neighbor Cell.



Legend

C	Name	T	Range
Green	Very Good	4G	$-10 \leq X < -6$
Light Green	Good	4G	$-12 \leq X < -10$
Yellow	Fair	4G	$-14 \leq X < -12$
Orange	Poor	4G	$-16 \leq X < -14$
Red	Bad	4G	$-18 \leq X < -16$
Dark Red	Very Bad	4G	$-20 \leq X < -18$
Dark Gray	Awful	4G	$-22 \leq X < -20$
Gray	No Coverage	4G	$X < -22$

Figure 6.6: Reference Signal Received Quality (*RSRQ*) for 4G Serving and Neighbor Cell.



Table 6.1: Scan results for Serving cell in 4G

Count	Timestamp	T	ARFCN	PCI	PLMN Id	RSRP	RSRQ	RSSI	SINR
2732	2022-02-24 14:59:11.187	4G	3300	483	43211	-91.52 Fair	-11.71 Good	-63.49 Excellent	0
1471	2022-02-24 17:28:37.123	4G	3300	97	43211	-83.64 Very Good	-11.24 Good	-55.95 Excellent	0
1407	2022-02-24 17:28:29.312	4G	3300	315	43211	-83.48 Very Good	-11.13 Good	-55.44 Excellent	0
1398	2022-02-24 18:03:57.305	4G	3300	444	43211	-82.37 Very Good	-10.33 Good	-54.78 Excellent	0
1354	2022-02-24 16:47:09.082	4G	3300	98	43211	-82.69 Very Good	-10.72 Good	-55.9 Excellent	0
1339	2022-02-24 17:20:49.288	4G	3300	485	43211	-80.92 Very Good	-10.84 Good	-53.63 Excellent	0
1286	2022-02-24 14:55:05.320	4G	3300	456	43211	-83.62 Very Good	-11.45 Good	-56.19 Excellent	0
1279	2022-02-24 14:51:23.331	4G	3300	59	43211	-89.25 Good	-11.53 Good	-61.35 Excellent	0
1277	2022-02-24 14:56:47.173	4G	3300	301	43211	-83.93 Very Good	-10.76 Good	-57.09 Excellent	0
1271	2022-02-24 16:42:03.230	4G	3300	217	43211	-85.58 Good	-11.39 Good	-57.67 Excellent	0
1173	2022-02-24 17:45:55.218	4G	3300	342	43211	-80.32 Very Good	-10.82 Good	-52.89 Excellent	0
1157	2022-02-24 17:31:37.207	4G	3300	376	43211	-83.61 Very Good	-11.79 Good	-55.34 Excellent	0
1122	2022-02-24 14:42:11.366	4G	3300	375	43211	-87.33 Good	-11.73 Good	-59.24 Excellent	0
1090	2022-02-24 14:57:21.177	4G	3300	417	43211	-85.15 Good	-11.2 Good	-57.4 Excellent	0
1002	2022-02-24 14:53:07.638	4G	3300	300	43211	-90.23 Fair	-11.63 Good	-61.81 Excellent	0
911	2022-02-24 14:41:37.318	4G	3300	132	43211	-94.02 Fair	-12.77 Fair	-64.45 Excellent	0
900	2022-02-24 18:08:29.334	4G	3300	189	43211	-80.44 Very Good	-10.89 Good	-52.54 Excellent	0
893	2022-02-24 14:58:19.309	4G	3300	419	43211	-89.11 Good	-12.35 Fair	-61.16 Excellent	0
879	2022-02-24 16:46:37.189	4G	3300	133	43211	-89.98 Good	-12.38 Fair	-61.6 Excellent	0
803	2022-02-24 14:58:23.210	4G	3300	440	43211	-90.85 Fair	-13.42 Fair	-61.47 Excellent	0



782	2022-02-24 18:09:51.247	4G	3300	96	43211	-78.47 Excellent	-11.12 Good	-51 Excellent	0
740	2022-02-24 14:55:53.201	4G	3300	302	43211	-82.65 Very Good	-10.47 Good	-55.99 Excellent	0
703	2022-02-24 14:45:07.317	4G	3300	289	43211	-85.57 Good	-12.25 Fair	-57.33 Excellent	0
639	2022-02-24 14:23:23.370	4G	3300	290	43211	-80.72 Very Good	-10.78 Good	-53.62 Excellent	0
636	2022-02-24 17:13:01.345	4G	3300	437	43211	-90.87 Fair	-12.03 Fair	-61.7 Excellent	0
615	2022-02-24 17:15:17.263	4G	3300	316	43211	-92 Fair	-13.93 Fair	-61.52 Excellent	0
613	2022-02-24 17:09:29.201	4G	3300	222	43211	-85.76 Good	-14.06 Poor	-54.55 Excellent	0
587	2022-02-24 14:54:45.281	4G	3300	411	43211	-82.96 Very Good	-11.7 Good	-54.79 Excellent	0
578	2022-02-24 12:56:27.463	4G	3300	438	43211	-85.03 Good	-11.29 Good	-57.4 Excellent	0
534	2022-02-24 14:44:01.634	4G	3300	50	43211	-86.72 Good	-14.68 Poor	-56.42 Excellent	0
518	2022-02-24 18:04:47.357	4G	3300	190	43211	-75.64 Excellent	-10.66 Good	-48.43 Excellent	0
517	2022-02-24 11:41:05.281	4G	3300	455	43211	-81.35 Very Good	-10.85 Good	-54.84 Excellent	0
512	2022-02-24 17:57:27.270	4G	3300	445	43211	-82.59 Very Good	-10.42 Good	-55.21 Excellent	0
483	2022-02-24 12:56:15.186	4G	3300	418	43211	-86.05 Good	-11 Good	-59.29 Excellent	0
476	2022-02-24 14:59:35.223	4G	3300	484	43211	-80.93 Very Good	-11.18 Good	-53.66 Excellent	0
447	2022-02-24 14:43:49.144	4G	3300	57	43211	-91.74 Fair	-11.24 Good	-64.03 Excellent	0
440	2022-02-24 17:47:51.410	4G	3300	446	43211	-85.16 Good	-10.9 Good	-58.14 Excellent	0
436	2022-02-24 14:14:55.282	4G	3300	61	43211	-82.65 Very Good	-11.29 Good	-55.89 Excellent	0
398	2022-02-24 14:03:09.282	4G	3102	289	43211	-82.68 Very Good	-11.37 Good	-52.6 Excellent	0
389	2022-02-24 17:55:35.217	4G	3102	191	43211	-86.82 Good	-13.8 Fair	-53.62 Excellent	0
384	2022-02-24 17:55:51.333	4G	3102	445	43211	-87.25 Good	-11.71 Good	-56.25 Excellent	0
378	2022-02-24 14:10:29.230	4G	3300	58	43211	-85.35 Good	-12.16 Fair	-56.46 Excellent	0



334	2022-02-24 14:16:13.264	4G	3300	288	43211	-81.28 Very Good	-11.94 Good	-53.38 Excellent	0
332	2022-02-24 17:40:27.122	4G	1423	191	43211	-79.81 Excellent	-10.8 Good	-48.71 Excellent	0
321	2022-02-24 17:17:49.175	4G	3300	218	43211	-84.05 Very Good	-12.67 Fair	-54.47 Excellent	0
300	2022-02-24 17:41:45.217	4G	3300	377	43211	-79.7 Excellent	-11.19 Good	-52.47 Excellent	0
279	2022-02-24 17:55:45.251	4G	3102	444	43211	-79.61 Excellent	-12.56 Fair	-47.83 Excellent	0
278	2022-02-24 17:11:06.348	4G	3300	317	43211	-78.06 Excellent	-9.92 Very Good	-51.18 Excellent	0
275	2022-02-24 17:57:41.233	4G	3300	191	43211	-85.22 Good	-12.8 Fair	-54.31 Excellent	0
268	2022-02-24 17:55:33.156	4G	3102	190	43211	-76.2 Excellent	-12.33 Fair	-44.87 Excellent	0
263	2022-02-24 13:02:48.260	4G	1423	418	43211	-86.39 Good	-11.06 Good	-55.31 Excellent	0
260	2022-02-24 13:00:55.269	4G	1423	456	43211	-80.27 Very Good	-10.68 Good	-49.45 Excellent	0
254	2022-02-24 11:16:43.277	4G	3102	290	43211	-79.92 Excellent	-10.87 Good	-51.2 Excellent	0
251	2022-02-24 11:50:21.211	4G	3102	417	43211	-76.49 Excellent	-10.7 Good	-48.26 Excellent	0
234	2022-02-24 12:45:37.221	4G	3300	454	43211	-78.79 Excellent	-12.8 Fair	-50.11 Excellent	0
231	2022-02-24 17:46:25.236	4G	3300	343	43211	-84.99 Very Good	-11.48 Good	-56.34 Excellent	0
222	2022-02-24 16:38:54.952	4G	3300	216	43211	-78.2 Excellent	-11.1 Good	-51 Excellent	0
219	2022-02-24 12:56:37.253	4G	1423	438	43211	-76.6 Excellent	-10.94 Good	-45.84 Excellent	0
212	2022-02-24 14:02:13.211	4G	3102	288	43211	-82.65 Very Good	-11.68 Good	-52.65 Excellent	0
175	2022-02-24 11:06:50.496	4G	3102	411	43211	-86.75 Good	-13.53 Fair	-54.41 Excellent	0
162	2022-02-24 15:25:39.343	4G	550	133	43211	-83.69 Very Good	-10.62 Good	-60.16 Excellent	0
160	2022-02-24 17:41:20.066	4G	1423	342	43211	-84.3 Very Good	-11.56 Good	-52.72 Excellent	0
155	2022-02-24 12:00:52.512	4G	550	375	43211	-80.46 Very Good	-9.74 Very Good	-54.6 Excellent	0
150	2022-02-24 13:04:50.020	4G	1423	375	43211	-81.4 Very Good	-11.03 Good	-50.39 Excellent	0



140	2022-02-24 14:11:13.193	4G	3102	132	43211	-99.49 Poor	-20.81 Awful	-59.77 Excellent	0
138	2022-02-24 11:58:40.534	4G	550	484	43211	-77.27 Excellent	-9.15 Very Good	-52.53 Excellent	0
134	2022-02-24 14:11:25.100	4G	3102	58	43211	-79.38 Excellent	-11.67 Good	-49.05 Excellent	0
130	2022-02-24 11:39:51.235	4G	3300	453	43211	-74.56 Excellent	-12.4 Fair	-45.45 Excellent	0
129	2022-02-24 14:12:11.125	4G	1423	58	43211	-72.71 Excellent	-11.18 Good	-41.02 Excellent	0
129	2022-02-24 11:59:21.145	4G	3102	483	43211	-90.25 Fair	-13.23 Fair	-57.95 Excellent	0
124	2022-02-24 14:23:39.099	4G	3300	412	43211	-85 Very Good	-12.79 Fair	-55.52 Excellent	0
121	2022-02-24 11:53:56.703	4G	1423	439	43211	-71.34 Excellent	-10.04 Good	-41.46 Excellent	0
119	2022-02-24 17:33:27.142	4G	1423	189	43211	-76.1 Excellent	-11.29 Good	-45.13 Excellent	0
112	2022-02-24 11:51:37.209	4G	3102	419	43211	-84.65 Very Good	-17.3 Bad	-49.38 Excellent	0
100	2022-02-24 17:32:01.098	4G	1423	376	43211	-83.29 Very Good	-11.34 Good	-51.45 Excellent	0
98	2022-02-24 13:04:17.206	4G	1423	440	43211	-82.83 Very Good	-12.36 Fair	-49.71 Excellent	0
97	2022-02-24 11:48:57.260	4G	3102	59	43211	-75.86 Excellent	-11.64 Good	-47 Excellent	0
95	2022-02-24 15:24:13.258	4G	3300	125	43211	-95.68 Poor	-17.35 Bad	-61.74 Excellent	0
95	2022-02-24 17:51:49.302	4G	3102	446	43211	-78.11 Excellent	-10.89 Good	-48.02 Excellent	0
93	2022-02-24 13:03:29.611	4G	3102	418	43211	-92.98 Fair	-16.36 Bad	-57.12 Excellent	0
90	2022-02-24 15:53:31.304	4G	550	98	43211	-84.17 Very Good	-11.95 Good	-59.48 Excellent	0
82	2022-02-24 12:58:59.226	4G	1423	455	43211	-87.58 Good	-11.86 Good	-55.64 Excellent	0
80	2022-02-24 11:54:31.211	4G	3300	344	43211	-90.45 Fair	-13.85 Fair	-60.88 Excellent	0
79	2022-02-24 12:00:41.407	4G	3300	439	43211	-81.21 Very Good	-12.03 Fair	-52.79 Excellent	0
78	2022-02-24 14:01:24.310	4G	1423	289	43211	-74.42 Excellent	-10.33 Good	-44.09 Excellent	0
78	2022-02-24 17:56:27.465	4G	1423	445	43211	-79.66 Excellent	-8.38 Very Good	-51.37 Excellent	0



70	2022-02-24 14:12:13.992	4G	1423	61	43211	-85.35 Good	-12.82 Fair	-52.03 Excellent	0
65	2022-02-24 13:02:11.172	4G	1423	301	43211	-98.95 Poor	-13.06 Fair	-65.07 Very Good	0
64	2022-02-24 10:57:19.474	4G	3300	413	43211	-86.04 Good	-11.17 Good	-59.22 Excellent	0
61	2022-02-24 17:49:29.243	4G	3102	343	43211	-95.14 Poor	-15.6 Poor	-60.85 Excellent	0
56	2022-02-24 11:12:24.485	4G	3102	456	43211	-80.98 Very Good	-13.8 Fair	-49.72 Excellent	0
52	2022-02-24 16:27:10.299	4G	1423	485	43211	-80.23 Very Good	-10.48 Good	-49.93 Excellent	0
48	2022-02-24 11:15:21.323	4G	3102	454	43211	-85.02 Good	-14.7 Poor	-52.19 Excellent	0
44	2022-02-24 17:37:49.109	4G	1423	190	43211	-72.56 Excellent	-12.13 Fair	-40.48 Excellent	0
40	2022-02-24 11:16:45.265	4G	3102	412	43211	-85.25 Good	-13.25 Fair	-53.13 Excellent	0
36	2022-02-24 10:59:59.463	4G	3102	413	43211	-95.47 Poor	-15.88 Poor	-60.05 Excellent	0
28	2022-02-24 12:00:18.138	4G	550	439	43211	-78.07 Excellent	-11.25 Good	-51.27 Excellent	0
25	2022-02-24 11:00:39.318	4G	3102	302	43211	-86.44 Good	-14.72 Poor	-52.86 Excellent	0
23	2022-02-24 17:40:39.234	4G	1423	343	43211	-87.39 Good	-15.21 Poor	-52.5 Excellent	0
20	2022-02-24 16:25:49.223	4G	1423	96	43211	-80.55 Very Good	-11.45 Good	-49.68 Excellent	0
17	2022-02-24 14:00:47.247	4G	1423	290	43211	-79.64 Excellent	-13.47 Fair	-46.6 Excellent	0
17	2022-02-24 14:09:30.479	4G	3300	137	43211	-98.58 Poor	-17.23 Bad	-64.73 Excellent	0
15	2022-02-24 11:48:53.162	4G	3102	57	43211	-81.66 Very Good	-11.53 Good	-52.3 Excellent	0
15	2022-02-24 11:59:23.190	4G	3102	439	43211	-104.2 Very Poor	-23.53 No Coverage	-62.3 Excellent	0
15	2022-02-24 14:10:33.221	4G	3300	207	43211	-106.46 Bad	-25.66 No Coverage	-63.7 Excellent	0
12	2022-02-24 13:03:31.138	4G	1423	419	43211	-92.66 Fair	-15.41 Poor	-56.9 Excellent	0
12	2022-02-24 17:31:41.339	4G	1423	377	43211	-83.91 Very Good	-16.66 Bad	-48.9 Excellent	0
11	2022-02-24 13:13:49.688	4G	1423	484	43211	-91.81 Fair	-21 Awful	-48 Excellent	0



11	2022-02-24 14:03:19.250	4G	1423	50	43211	-78.81 Excellent	-15.63 Poor	-45.2 Excellent	0
10	2022-02-24 15:44:00.187	4G	3102	216	43211	-95.3 Poor	-25.7 No Coverage	-46 Excellent	0
5	2022-02-24 12:57:35.087	4G	1423	497	43211	-94 Fair	-13.4 Fair	-59.2 Excellent	0
5	2022-02-24 15:53:33.978	4G	550	96	43211	-83.4 Very Good	-12.2 Fair	-59.4 Excellent	0
5	2022-02-24 17:54:08.459	4G	3102	189	43211	-72 Excellent	-13.8 Fair	-39.8 Excellent	0
4	2022-02-24 17:38:05.014	4G	1423	444	43211	-81.75 Very Good	-14 Fair	-46.5 Excellent	0
3	2022-02-24 15:44:03.822	4G	1423	216	43211	-96 Poor	-13.33 Fair	-62.66 Excellent	0
2	2022-02-24 11:58:43.091	4G	3102	484	43211	-89 Good	-19.5 Very Bad	-52 Excellent	0
2	2022-02-24 15:25:42.932	4G	550	485	43211	-91.5 Fair	-10 Very Good	-66.5 Very Good	0



Table 6.2: Scan results for Neighbor cell in 4G

Count	Timestamp	T	ARFCN	PCI	PLMN Id	RSRP	RSRQ	RSSI	SINR
7498	2022-02-24 18:02:42.840	4G	3300	375	43211	-104.25 Very Poor	-24.04 No Coverage	-69.81 Very Good	0
6855	2022-02-24 18:09:27.934	4G	3300	376	43211	-99.84 Poor	-25.86 No Coverage	-63.85 Excellent	0
6423	2022-02-24 15:28:07.749	4G	3300	440	43211	-103.11 Very Poor	-23.6 No Coverage	-69.18 Very Good	0
5743	2022-02-24 17:27:58.885	4G	3300	419	43211	-103.83 Very Poor	-24.57 No Coverage	-68.98 Very Good	0
5069	2022-02-24 18:09:51.247	4G	3300	189	43211	-97.54 Poor	-24.75 No Coverage	-62.53 Excellent	0
4999	2022-02-24 18:09:48.812	4G	3300	191	43211	-98.43 Poor	-26.04 No Coverage	-62.54 Excellent	0
4475	2022-02-24 17:11:16.091	4G	3300	300	43211	-97.04 Poor	-24.4 No Coverage	-62.36 Excellent	0
4357	2022-02-24 16:27:18.410	4G	3300	483	43211	-102.74 Very Poor	-23.58 No Coverage	-68.88 Very Good	0
4336	2022-02-24 17:44:12.165	4G	3300	59	43211	-104.46 Very Poor	-23.88 No Coverage	-70.12 Good	0
4329	2022-02-24 18:03:28.944	4G	3300	222	43211	-103.1 Very Poor	-26.48 No Coverage	-66.85 Very Good	0
4277	2022-02-24 17:31:37.783	4G	3300	485	43211	-99.54 Poor	-23.77 No Coverage	-65.24 Very Good	0
4084	2022-02-24 18:09:51.247	4G	3300	98	43211	-101.75 Very Poor	-24.65 No Coverage	-66.96 Very Good	0
3950	2022-02-24 17:20:25.568	4G	3300	133	43211	-104.27 Very Poor	-24.6 No Coverage	-69.43 Very Good	0
3769	2022-02-24 18:09:52.690	4G	3300	97	43211	-98.35 Poor	-24.38 No Coverage	-63.69 Excellent	0
3763	2022-02-24 18:09:53.317	4G	3300	190	43211	-97.56 Poor	-24.19 No Coverage	-62.77 Excellent	0
3514	2022-02-24 18:08:29.334	4G	3300	96	43211	-96.21 Poor	-25.15 No Coverage	-60.84 Excellent	0
3203	2022-02-24 14:57:03.304	4G	3300	57	43211	-102.85 Very Poor	-26.01 No Coverage	-66.66 Very Good	0
3147	2022-02-24 17:02:27.145	4G	3300	302	43211	-98.28 Poor	-24.5 No Coverage	-63.5 Excellent	0
2942	2022-02-24 17:28:01.155	4G	3300	218	43211	-96.86 Poor	-23.25 No Coverage	-63.21 Excellent	0
2899	2022-02-24 18:01:05.163	4G	3300	377	43211	-97.17 Poor	-25.55 No Coverage	-61.66 Excellent	0



2869	2022-02-24 17:27:52.278	4G	3300	216	43211	-101.3 Very Poor	-25.84 No Coverage	-65.26 Very Good	0
2747	2022-02-24 18:09:21.276	4G	3300	484	43211	-97.46 Poor	-25.73 No Coverage	-61.73 Excellent	0
2735	2022-02-24 17:59:52.058	4G	3300	446	43211	-100.09 Very Poor	-24.14 No Coverage	-65.74 Very Good	0
2667	2022-02-24 18:09:47.679	4G	3300	444	43211	-98.99 Poor	-23.86 No Coverage	-64.57 Excellent	0
2629	2022-02-24 18:03:07.343	4G	3300	315	43211	-97.94 Poor	-23.05 No Coverage	-64.46 Excellent	0
2626	2022-02-24 14:55:13.991	4G	3300	454	43211	-93.24 Fair	-22.71 No Coverage	-60.14 Excellent	0
2576	2022-02-24 14:58:23.210	4G	3300	438	43211	-103.08 Very Poor	-25.49 No Coverage	-67.63 Very Good	0
2501	2022-02-24 16:14:55.721	4G	3300	456	43211	-94.98 Fair	-22.79 No Coverage	-61.85 Excellent	0
2338	2022-02-24 15:48:11.826	4G	3300	289	43211	-97.76 Poor	-21.91 Awful	-65.23 Very Good	0
2332	2022-02-24 14:57:56.440	4G	3300	301	43211	-100.84 Very Poor	-23.66 No Coverage	-67.23 Very Good	0
2257	2022-02-24 17:46:55.508	4G	3300	439	43211	-100.05 Very Poor	-25.89 No Coverage	-64.01 Excellent	0
2174	2022-02-24 14:55:07.191	4G	3300	411	43211	-99.19 Poor	-24.43 No Coverage	-64.44 Excellent	0
2169	2022-02-24 17:06:59.162	4G	3300	255	43211	-109.68 Bad	-27.19 No Coverage	-72.59 Good	0
2160	2022-02-24 16:46:48.630	4G	3300	134	43211	-106.36 Bad	-27.31 No Coverage	-69.13 Very Good	0
2061	2022-02-24 17:49:46.862	4G	3300	342	43211	-95.83 Poor	-22.91 No Coverage	-62.89 Excellent	0
2011	2022-02-24 15:39:37.436	4G	3300	417	43211	-100.82 Very Poor	-24.46 No Coverage	-66.04 Very Good	0
1741	2022-02-24 17:58:05.240	4G	3300	445	43211	-99.45 Poor	-24.8 No Coverage	-64.6 Excellent	0
1711	2022-02-24 17:15:09.811	4G	3300	217	43211	-96.05 Poor	-23.41 No Coverage	-62.07 Excellent	0
1664	2022-02-24 17:23:04.928	4G	3300	412	43211	-98.01 Poor	-26.05 No Coverage	-61.73 Excellent	0
1513	2022-02-24 17:46:20.122	4G	3300	344	43211	-99.54 Poor	-25.88 No Coverage	-63.6 Excellent	0
1495	2022-02-24 16:52:12.049	4G	3300	132	43211	-106.7 Bad	-25.88 No Coverage	-70.83 Good	0
1468	2022-02-24 17:16:57.604	4G	3300	437	43211	-102.11 Very Poor	-24.89 No Coverage	-66.96 Very Good	0



1429	2022-02-24 17:57:38.658	4G	3300	418	43211	-100.62 Very Poor	-24.3 No Coverage	-66.18 Very Good	0
1428	2022-02-24 16:45:09.872	4G	3300	61	43211	-97.98 Poor	-24.72 No Coverage	-62.63 Excellent	0
1416	2022-02-24 17:02:58.555	4G	3300	380	43211	-106.15 Bad	-29.83 No Coverage	-67.23 Very Good	0
1379	2022-02-24 14:55:31.124	4G	3102	300	43211	-96.84 Poor	-24.18 No Coverage	-63.42 Excellent	0
1264	2022-02-24 17:27:53.552	4G	3300	316	43211	-97.49 Poor	-23.33 No Coverage	-63.87 Excellent	0
1264	2022-02-24 17:27:57.068	4G	3300	215	43211	-107.37 Bad	-28.5 No Coverage	-69.3 Very Good	0
1250	2022-02-24 17:47:24.169	4G	3300	50	43211	-103.2 Very Poor	-25.2 No Coverage	-68.03 Very Good	0
1205	2022-02-24 18:01:04.178	4G	3300	314	43211	-106.45 Bad	-29.35 No Coverage	-67.78 Very Good	0
1183	2022-02-24 16:22:51.377	4G	3300	58	43211	-97.89 Poor	-24.18 No Coverage	-63.25 Excellent	0
1178	2022-02-24 15:29:22.052	4G	550	375	43211	-96.61 Poor	-17.95 Bad	-68.37 Very Good	0
1149	2022-02-24 17:17:47.173	4G	3300	317	43211	-96.86 Poor	-24.14 No Coverage	-62.55 Excellent	0
1133	2022-02-24 16:23:43.845	4G	3300	290	43211	-96.44 Poor	-23.11 No Coverage	-62.69 Excellent	0
1101	2022-02-24 17:31:39.213	4G	550	485	43211	-92.17 Fair	-17.78 Bad	-64.28 Excellent	0
1083	2022-02-24 15:27:29.920	4G	1423	375	43211	-93.02 Fair	-18.11 Very Bad	-64.71 Excellent	0
1071	2022-02-24 17:27:55.404	4G	3300	117	43211	-110.58 Very Bad	-28.68 No Coverage	-72.5 Good	0
1046	2022-02-24 18:01:01.036	4G	3300	455	43211	-98.5 Poor	-24.07 No Coverage	-64.45 Excellent	0
1032	2022-02-24 17:58:03.925	4G	3102	191	43211	-92.43 Fair	-20 Very Bad	-61.92 Excellent	0
1022	2022-02-24 17:13:26.303	4G	3300	48	43211	-104.35 Very Poor	-27.86 No Coverage	-66.92 Very Good	0
1010	2022-02-24 17:57:05.666	4G	3300	309	43211	-107.59 Bad	-29.08 No Coverage	-69.15 Very Good	0
1008	2022-02-24 14:45:20.096	4G	3300	453	43211	-93.42 Fair	-24.66 No Coverage	-58.04 Excellent	0
995	2022-02-24 18:06:24.903	4G	3102	444	43211	-91.35 Fair	-20.23 Awful	-61.55 Excellent	0
973	2022-02-24 17:51:11.016	4G	3300	109	43211	-99.8 Poor	-28.44 No Coverage	-61.96 Excellent	0



969	2022-02-24 18:09:52.052	4G	1423	189	43211	-83.93 Very Good	-16.24 Bad	-57.2 Excellent	0
951	2022-02-24 15:26:12.508	4G	550	483	43211	-95.73 Poor	-17.84 Bad	-68.32 Very Good	0
943	2022-02-24 18:07:27.723	4G	3102	190	43211	-88.05 Good	-19.52 Very Bad	-57.4 Excellent	0
931	2022-02-24 17:43:38.076	4G	3300	108	43211	-102.78 Very Poor	-26.96 No Coverage	-65.74 Very Good	0
923	2022-02-24 17:51:13.198	4G	3300	343	43211	-95.14 Poor	-21.05 Awful	-63.69 Excellent	0
897	2022-02-24 17:58:15.388	4G	3102	445	43211	-93.26 Fair	-21.23 Awful	-62.14 Excellent	0
867	2022-02-24 14:52:58.026	4G	3300	137	43211	-108.03 Bad	-27.23 No Coverage	-71.02 Good	0
854	2022-02-24 17:48:38.748	4G	3300	373	43211	-102.3 Very Poor	-29.41 No Coverage	-63.59 Excellent	0
849	2022-02-24 17:17:18.357	4G	3300	435	43211	-106.46 Bad	-27.96 No Coverage	-68.71 Very Good	0
840	2022-02-24 18:09:53.502	4G	3102	189	43211	-86.11 Good	-17.83 Bad	-58.47 Excellent	0
829	2022-02-24 17:18:58.000	4G	3300	361	43211	-98.21 Poor	-27.93 No Coverage	-60.61 Excellent	0
804	2022-02-24 16:47:29.034	4G	550	98	43211	-92.51 Fair	-15.35 Poor	-66.4 Very Good	0
797	2022-02-24 18:09:52.664	4G	550	444	43211	-89.03 Good	-18.59 Very Bad	-59.62 Excellent	0
792	2022-02-24 14:58:46.750	4G	3102	375	43211	-96.48 Poor	-19.55 Very Bad	-66.78 Very Good	0
776	2022-02-24 18:09:52.664	4G	550	189	43211	-84.96 Very Good	-16.55 Bad	-57.76 Excellent	0
759	2022-02-24 15:38:24.189	4G	3300	288	43211	-92.72 Fair	-22.11 No Coverage	-60.21 Excellent	0
746	2022-02-24 17:51:51.334	4G	3102	376	43211	-89.82 Good	-17.59 Bad	-61.79 Excellent	0
734	2022-02-24 17:15:15.747	4G	3300	280	43211	-110.15 Very Bad	-28.55 No Coverage	-72.17 Good	0
730	2022-02-24 17:58:45.122	4G	1423	191	43211	-89.17 Good	-19.08 Very Bad	-59.81 Excellent	0
728	2022-02-24 14:53:27.234	4G	3300	338	43211	-103.16 Very Poor	-29.89 No Coverage	-64.14 Excellent	0
727	2022-02-24 14:51:52.456	4G	3102	59	43211	-93.79 Fair	-20.85 Awful	-63.55 Excellent	0
723	2022-02-24 17:17:18.559	4G	3300	125	43211	-111.01 Very Bad	-28.28 No Coverage	-73.1 Good	0



716	2022-02-24 18:07:28.720	4G	1423	190	43211	-80.32 Very Good	-16.62 Bad	-53.43 Excellent	0
710	2022-02-24 17:51:09.579	4G	3102	342	43211	-93.83 Fair	-18.96 Very Bad	-63.68 Excellent	0
708	2022-02-24 16:05:28.319	4G	3300	138	43211	-110.17 Very Bad	-29.4 No Coverage	-71.51 Good	0
696	2022-02-24 16:44:37.266	4G	3300	256	43211	-108.69 Bad	-28.44 No Coverage	-70.46 Good	0
692	2022-02-24 14:55:18.554	4G	3102	456	43211	-90.6 Fair	-18.43 Very Bad	-62.31 Excellent	0
692	2022-02-24 15:52:29.139	4G	1423	483	43211	-90.86 Fair	-14.98 Poor	-65.46 Very Good	0
672	2022-02-24 17:25:18.067	4G	3300	378	43211	-101.15 Very Poor	-29.78 No Coverage	-62.27 Excellent	0
664	2022-02-24 17:31:45.098	4G	1423	485	43211	-86.67 Good	-15.55 Poor	-60.79 Excellent	0
663	2022-02-24 14:54:15.608	4G	3102	412	43211	-93.22 Fair	-22.23 No Coverage	-61.12 Excellent	0
662	2022-02-24 17:44:40.281	4G	550	376	43211	-92.23 Fair	-18.62 Very Bad	-63.34 Excellent	0
653	2022-02-24 14:52:27.833	4G	3102	57	43211	-94.98 Fair	-24.37 No Coverage	-61.92 Excellent	0
649	2022-02-24 18:09:52.664	4G	550	96	43211	-88.4 Good	-17.19 Bad	-60.36 Excellent	0
646	2022-02-24 18:09:47.262	4G	1423	444	43211	-85.22 Good	-15.94 Poor	-58.84 Excellent	0
644	2022-02-24 17:49:53.667	4G	550	342	43211	-88.93 Good	-13.96 Fair	-64.62 Excellent	0
618	2022-02-24 17:45:08.678	4G	1423	376	43211	-87.82 Good	-17.55 Bad	-59.85 Excellent	0
615	2022-02-24 17:49:45.715	4G	1423	342	43211	-87.89 Good	-16.4 Bad	-60.93 Excellent	0
609	2022-02-24 18:02:52.399	4G	550	191	43211	-89.8 Good	-17.06 Bad	-61.96 Excellent	0
595	2022-02-24 14:58:29.957	4G	3102	440	43211	-97.21 Poor	-20.54 Awful	-66.01 Very Good	0
589	2022-02-24 16:01:39.282	4G	3300	336	43211	-102.08 Very Poor	-29.83 No Coverage	-63.23 Excellent	0
585	2022-02-24 14:58:46.750	4G	3102	419	43211	-95.77 Poor	-20.63 Awful	-65.73 Very Good	0
580	2022-02-24 17:58:09.764	4G	1423	445	43211	-89.41 Good	-18.96 Very Bad	-59.98 Excellent	0
577	2022-02-24 14:56:07.446	4G	3102	302	43211	-91.52 Fair	-18.01 Very Bad	-62.89 Excellent	0



561	2022-02-24 14:52:35.982	4G	3300	497	43211	-105.13 Bad	-27.42 No Coverage	-68.05 Very Good	0
556	2022-02-24 14:23:51.158	4G	3102	454	43211	-91.04 Fair	-20.54 Awful	-60 Excellent	0
546	2022-02-24 14:58:23.001	4G	1423	440	43211	-91.14 Fair	-18.09 Very Bad	-63.31 Excellent	0
545	2022-02-24 14:52:49.886	4G	1423	438	43211	-93.17 Fair	-20.17 Awful	-62.64 Excellent	0
545	2022-02-24 17:59:34.788	4G	3102	446	43211	-92.99 Fair	-19.69 Very Bad	-64.36 Excellent	0
544	2022-02-24 14:55:42.954	4G	1423	300	43211	-88.86 Good	-16.25 Bad	-62.3 Excellent	0
541	2022-02-24 17:51:28.021	4G	3102	343	43211	-96.47 Poor	-20.27 Awful	-65.54 Very Good	0
534	2022-02-24 14:55:06.994	4G	3102	411	43211	-92.81 Fair	-20.16 Awful	-62.76 Excellent	0
530	2022-02-24 15:57:58.437	4G	3300	326	43211	-101.97 Very Poor	-29.95 No Coverage	-62.95 Excellent	0
529	2022-02-24 14:55:31.613	4G	550	300	43211	-91.57 Fair	-16.15 Bad	-64.68 Excellent	0
525	2022-02-24 17:28:54.976	4G	1423	97	43211	-86.53 Good	-15.11 Poor	-61.04 Excellent	0
522	2022-02-24 15:44:35.165	4G	3300	476	43211	-111.9 Very Bad	-28.45 No Coverage	-74.04 Good	0
522	2022-02-24 17:29:05.575	4G	550	97	43211	-89.62 Good	-14.36 Poor	-64.48 Excellent	0
516	2022-02-24 17:31:15.304	4G	3102	485	43211	-89.19 Good	-16.1 Bad	-62.32 Excellent	0
506	2022-02-24 14:23:31.817	4G	3102	290	43211	-89.31 Good	-18.38 Very Bad	-60.71 Excellent	0
502	2022-02-24 14:14:50.430	4G	3102	61	43211	-92.86 Fair	-23.07 No Coverage	-60.01 Excellent	0
496	2022-02-24 17:51:09.189	4G	3102	377	43211	-97.8 Poor	-22.42 No Coverage	-63.86 Excellent	0
491	2022-02-24 16:45:46.112	4G	3300	47	43211	-104.13 Very Poor	-29.54 No Coverage	-65.55 Very Good	0
489	2022-02-24 17:51:13.229	4G	3102	288	43211	-94.17 Fair	-24.45 No Coverage	-60.02 Excellent	0
482	2022-02-24 16:48:09.374	4G	1423	98	43211	-87.02 Good	-15.39 Poor	-61.16 Excellent	0
481	2022-02-24 18:02:53.438	4G	3102	315	43211	-89.12 Good	-15.63 Poor	-63.02 Excellent	0
480	2022-02-24 13:02:17.106	4G	1423	455	43211	-93.54 Fair	-20.27 Awful	-62.94 Excellent	0



477	2022-02-24 14:59:23.044	4G	3102	483	43211	-93.55 Fair	-15.76 Poor	-67.27 Very Good	0
473	2022-02-24 14:58:23.462	4G	550	440	43211	-95.61 Poor	-17.74 Bad	-67.72 Very Good	0
470	2022-02-24 17:49:27.373	4G	550	484	43211	-91.6 Fair	-17.8 Bad	-63.27 Excellent	0
467	2022-02-24 18:09:52.052	4G	1423	96	43211	-83.33 Very Good	-15.29 Poor	-57.42 Excellent	0
462	2022-02-24 14:44:01.247	4G	3300	46	43211	-103.18 Very Poor	-29.21 No Coverage	-64.77 Excellent	0
462	2022-02-24 14:58:19.091	4G	1423	419	43211	-90.84 Fair	-18.96 Very Bad	-61.6 Excellent	0
457	2022-02-24 16:47:21.395	4G	3102	98	43211	-89 Good	-16.17 Bad	-62.23 Excellent	0
450	2022-02-24 18:02:58.425	4G	1423	315	43211	-86.7 Good	-15.35 Poor	-60.99 Excellent	0
446	2022-02-24 18:02:46.587	4G	550	315	43211	-91.76 Fair	-16.42 Bad	-64.68 Excellent	0
439	2022-02-24 14:56:24.573	4G	550	302	43211	-88.98 Good	-15.8 Poor	-62.26 Excellent	0
438	2022-02-24 14:57:35.085	4G	3102	417	43211	-89.56 Good	-19.45 Very Bad	-61.53 Excellent	0
428	2022-02-24 14:52:06.417	4G	1423	59	43211	-88.37 Good	-17.35 Bad	-60.85 Excellent	0
424	2022-02-24 18:09:53.502	4G	3102	96	43211	-85.93 Good	-16.19 Bad	-59.05 Excellent	0
422	2022-02-24 17:54:23.188	4G	3102	222	43211	-96.89 Poor	-18.84 Very Bad	-68.49 Very Good	0
416	2022-02-24 14:53:44.286	4G	3102	289	43211	-91.68 Fair	-17.77 Bad	-64.36 Excellent	0
414	2022-02-24 16:46:52.398	4G	3102	133	43211	-96.84 Poor	-20.27 Awful	-66.14 Very Good	0
413	2022-02-24 14:55:17.193	4G	550	456	43211	-88.6 Good	-14.34 Poor	-63.6 Excellent	0
410	2022-02-24 17:03:06.246	4G	3300	119	43211	-112.3 Very Bad	-28.63 No Coverage	-74.1 Good	0
408	2022-02-24 14:56:13.316	4G	1423	302	43211	-87.31 Good	-16.17 Bad	-59.98 Excellent	0
408	2022-02-24 14:57:12.109	4G	3102	418	43211	-89.25 Good	-15.28 Poor	-65.37 Very Good	0
405	2022-02-24 17:28:54.462	4G	3102	97	43211	-88.56 Good	-14.49 Poor	-63.35 Excellent	0
404	2022-02-24 14:58:20.513	4G	3300	175	43211	-106.75 Bad	-29.54 No Coverage	-68.04 Very Good	0



402	2022-02-24 14:56:44.078	4G	1423	301	43211	-91.11 Fair	-15.82 Poor	-64.66 Excellent	0
402	2022-02-24 17:59:43.168	4G	550	446	43211	-90.59 Fair	-15.01 Poor	-64.92 Excellent	0
390	2022-02-24 14:55:15.436	4G	1423	456	43211	-84.12 Very Good	-14.2 Poor	-59.27 Excellent	0
376	2022-02-24 17:59:35.223	4G	1423	446	43211	-88.88 Good	-16.56 Bad	-61.91 Excellent	0
374	2022-02-24 14:56:48.245	4G	3102	301	43211	-92.28 Fair	-15.48 Poor	-66.56 Very Good	0
374	2022-02-24 18:07:28.299	4G	550	190	43211	-76.61 Excellent	-13.88 Fair	-51.82 Excellent	0
372	2022-02-24 17:58:14.735	4G	550	445	43211	-86.81 Good	-14.74 Poor	-61.6 Excellent	0
369	2022-02-24 17:21:03.509	4G	3102	484	43211	-91.72 Fair	-19.17 Very Bad	-61.75 Excellent	0
361	2022-02-24 18:03:30.403	4G	3300	87	43211	-107.73 Bad	-29.08 No Coverage	-69.37 Very Good	0
359	2022-02-24 16:46:37.189	4G	1423	133	43211	-92.72 Fair	-16.04 Bad	-66.44 Very Good	0
358	2022-02-24 13:03:29.796	4G	3102	438	43211	-94.82 Fair	-18.25 Very Bad	-66.19 Very Good	0
352	2022-02-24 14:16:26.321	4G	3102	361	43211	-97.59 Poor	-27.47 No Coverage	-60.59 Excellent	0
352	2022-02-24 17:49:34.855	4G	1423	377	43211	-88.94 Good	-18.98 Very Bad	-59.19 Excellent	0
351	2022-02-24 17:39:49.257	4G	1423	484	43211	-87.08 Good	-17.09 Bad	-59.64 Excellent	0
347	2022-02-24 17:28:03.750	4G	1423	218	43211	-86.45 Good	-15.88 Poor	-60.03 Excellent	0
344	2022-02-24 14:50:46.204	4G	3300	324	43211	-103.47 Very Poor	-29.61 No Coverage	-64.8 Excellent	0
338	2022-02-24 18:08:32.755	4G	3300	152	43211	-101.6 Very Poor	-29.7 No Coverage	-62.73 Excellent	0
334	2022-02-24 16:44:46.485	4G	1423	217	43211	-85.11 Good	-14.53 Poor	-60 Excellent	0
330	2022-02-24 17:51:13.582	4G	1423	343	43211	-89.75 Good	-16.42 Bad	-63.09 Excellent	0
329	2022-02-24 17:49:48.643	4G	3102	439	43211	-100.05 Very Poor	-22.78 No Coverage	-66.37 Very Good	0
325	2022-02-24 14:51:20.978	4G	550	59	43211	-92.03 Fair	-14.65 Poor	-66.51 Very Good	0
324	2022-02-24 14:58:19.703	4G	550	419	43211	-91.72 Fair	-15.58 Poor	-65.37 Very Good	0



322	2022-02-24 14:54:13.742	4G	1423	289	43211	-86.33 Good	-14.02 Poor	-61.89 Excellent	0
315	2022-02-24 14:45:16.186	4G	1423	57	43211	-91.24 Fair	-18.56 Very Bad	-62.37 Excellent	0
313	2022-02-24 14:56:49.494	4G	550	301	43211	-89.23 Good	-12.45 Fair	-66.05 Very Good	0
309	2022-02-24 14:57:59.147	4G	550	438	43211	-93.14 Fair	-15.63 Poor	-67.25 Very Good	0
309	2022-02-24 17:28:02.959	4G	3102	218	43211	-90.67 Fair	-17.11 Bad	-62.98 Excellent	0
300	2022-02-24 15:31:30.925	4G	3300	207	43211	-103.96 Very Poor	-26.74 No Coverage	-67.5 Very Good	0
300	2022-02-24 17:46:03.383	4G	3300	372	43211	-103.32 Very Poor	-29.63 No Coverage	-64.65 Excellent	0
297	2022-02-24 15:54:49.299	4G	3300	248	43211	-100.71 Very Poor	-29.93 No Coverage	-61.78 Excellent	0
294	2022-02-24 14:55:07.598	4G	550	454	43211	-86.48 Good	-14.88 Poor	-61.04 Excellent	0
290	2022-02-24 14:57:13.150	4G	1423	418	43211	-90.98 Fair	-17 Bad	-63.06 Excellent	0
290	2022-02-24 14:12:04.467	4G	3102	58	43211	-93.07 Fair	-23.06 No Coverage	-60.25 Excellent	0
290	2022-02-24 17:44:43.815	4G	550	377	43211	-92.64 Fair	-22.65 No Coverage	-60.18 Excellent	0
288	2022-02-24 17:55:52.904	4G	3102	309	43211	-103.45 Very Poor	-29.06 No Coverage	-65.6 Very Good	0
281	2022-02-24 17:44:37.393	4G	3300	345	43211	-104.42 Very Poor	-29.68 No Coverage	-65.37 Very Good	0
279	2022-02-24 16:49:35.033	4G	550	216	43211	-92.98 Fair	-15.02 Poor	-67.21 Very Good	0
274	2022-02-24 14:45:27.193	4G	550	289	43211	-89 Good	-13.8 Fair	-64.46 Excellent	0
274	2022-02-24 16:46:39.909	4G	550	133	43211	-96.14 Poor	-17.18 Bad	-68.95 Very Good	0
273	2022-02-24 16:41:59.629	4G	3102	217	43211	-87.14 Good	-14.74 Poor	-61.89 Excellent	0
268	2022-02-24 14:57:13.362	4G	550	418	43211	-92.38 Fair	-13.56 Fair	-68.35 Very Good	0
266	2022-02-24 17:46:43.149	4G	3300	495	43211	-104.05 Very Poor	-28.51 No Coverage	-65.8 Very Good	0
266	2022-02-24 15:46:45.906	4G	3300	110	43211	-106.25 Bad	-28.46 No Coverage	-67.93 Very Good	0
266	2022-02-24 17:17:21.890	4G	1423	216	43211	-88.84 Good	-14.73 Poor	-63.8 Excellent	0



265	2022-02-24 18:07:40.264	4G	3300	362	43211	-100.07 Very Poor	-29.09 No Coverage	-61.71 Excellent	0
264	2022-02-24 17:02:19.640	4G	3300	414	43211	-105.14 Bad	-29.81 No Coverage	-66.31 Very Good	0
264	2022-02-24 16:48:12.466	4G	3300	247	43211	-99.75 Poor	-30 No Coverage	-60.74 Excellent	0
258	2022-02-24 17:51:19.253	4G	3102	109	43211	-103.96 Very Poor	-28.39 No Coverage	-65.98 Very Good	0
254	2022-02-24 17:09:10.496	4G	3300	224	43211	-100.91 Very Poor	-29.93 No Coverage	-61.79 Excellent	0
253	2022-02-24 14:54:53.526	4G	550	411	43211	-88.45 Good	-14.82 Poor	-62.47 Excellent	0
251	2022-02-24 16:24:02.009	4G	3300	323	43211	-108.49 Bad	-28.88 No Coverage	-70.24 Good	0
250	2022-02-24 14:55:07.714	4G	1423	411	43211	-86.41 Good	-16.31 Bad	-59.41 Excellent	0
246	2022-02-24 14:42:12.046	4G	1423	132	43211	-92.36 Fair	-15.25 Poor	-67.48 Very Good	0
242	2022-02-24 14:52:51.111	4G	3102	50	43211	-95.81 Poor	-20.19 Awful	-65.53 Very Good	0
242	2022-02-24 14:57:13.150	4G	1423	417	43211	-86.08 Good	-15.37 Poor	-60.38 Excellent	0
237	2022-02-24 16:42:00.266	4G	550	217	43211	-88.07 Good	-13.73 Fair	-63.62 Excellent	0
234	2022-02-24 17:43:07.710	4G	3300	240	43211	-103.82 Very Poor	-29.5 No Coverage	-65 Excellent	0
234	2022-02-24 14:51:58.555	4G	550	57	43211	-92.31 Fair	-17.02 Bad	-64.38 Excellent	0
233	2022-02-24 16:38:09.720	4G	3300	449	43211	-105.55 Bad	-29.48 No Coverage	-66.71 Very Good	0
232	2022-02-24 14:14:54.025	4G	1423	61	43211	-83.45 Very Good	-17.5 Bad	-56.03 Excellent	0
230	2022-02-24 14:45:03.948	4G	1423	290	43211	-80.65 Very Good	-14.56 Poor	-55.86 Excellent	0
230	2022-02-24 14:41:36.993	4G	3102	132	43211	-97.87 Poor	-20.16 Awful	-68.12 Very Good	0
227	2022-02-24 17:51:23.175	4G	3102	314	43211	-103.17 Very Poor	-28.95 No Coverage	-65.01 Very Good	0
225	2022-02-24 14:45:16.179	4G	1423	454	43211	-83 Very Good	-17.03 Bad	-54.95 Excellent	0
224	2022-02-24 17:17:50.753	4G	550	218	43211	-91.24 Fair	-18.14 Very Bad	-62.09 Excellent	0
222	2022-02-24 13:02:17.127	4G	1423	497	43211	-101.09 Very Poor	-28.4 No Coverage	-63.44 Excellent	0



222	2022-02-24 16:46:28.162	4G	550	134	43211	-93.32 Fair	-20.17 Awful	-63.66 Excellent	0
220	2022-02-24 14:42:07.392	4G	550	132	43211	-97.11 Poor	-14.66 Poor	-71.39 Good	0
219	2022-02-24 17:09:29.201	4G	3300	223	43211	-98.34 Poor	-29.84 No Coverage	-59.11 Excellent	0
216	2022-02-24 17:49:47.264	4G	550	343	43211	-90.75 Fair	-15.52 Poor	-64.39 Excellent	0
215	2022-02-24 14:57:13.362	4G	550	417	43211	-90.66 Fair	-15.27 Poor	-64.52 Excellent	0
210	2022-02-24 17:13:09.182	4G	3102	437	43211	-95.91 Poor	-15.73 Poor	-69.85 Very Good	0
208	2022-02-24 12:54:37.457	4G	550	439	43211	-89.69 Good	-17.47 Bad	-60.85 Excellent	0
206	2022-02-24 13:02:20.222	4G	550	455	43211	-94.95 Fair	-15.69 Poor	-68.64 Very Good	0
206	2022-02-24 17:25:21.286	4G	3300	420	43211	-109.48 Bad	-29.5 No Coverage	-70.67 Good	0
202	2022-02-24 16:01:35.727	4G	3300	135	43211	-98.19 Poor	-29.66 No Coverage	-59.18 Excellent	0
198	2022-02-24 17:27:02.474	4G	3300	321	43211	-106.17 Bad	-29.65 No Coverage	-67.45 Very Good	0
192	2022-02-24 17:55:57.319	4G	1423	222	43211	-93.92 Fair	-18.28 Very Bad	-65.39 Very Good	0
191	2022-02-24 14:23:23.584	4G	550	290	43211	-81.67 Very Good	-12.48 Fair	-58.14 Excellent	0
190	2022-02-24 18:08:48.994	4G	3300	102	43211	-102.54 Very Poor	-29.85 No Coverage	-63.77 Excellent	0
188	2022-02-24 17:20:38.273	4G	3300	330	43211	-105.74 Bad	-29.91 No Coverage	-66.62 Very Good	0
186	2022-02-24 15:29:39.312	4G	3300	136	43211	-109.54 Bad	-28.56 No Coverage	-71.4 Good	0
185	2022-02-24 17:17:23.749	4G	3102	316	43211	-93.11 Fair	-18.51 Very Bad	-63.46 Excellent	0
182	2022-02-24 16:23:52.156	4G	3300	170	43211	-104.39 Very Poor	-29.78 No Coverage	-65.57 Very Good	0
179	2022-02-24 13:01:16.370	4G	3102	455	43211	-90.28 Fair	-15.58 Poor	-63.96 Excellent	0
173	2022-02-24 17:17:15.658	4G	1423	316	43211	-87.2 Good	-15.3 Poor	-61.75 Excellent	0
163	2022-02-24 14:52:49.886	4G	1423	50	43211	-93.83 Fair	-18.57 Very Bad	-65.18 Very Good	0
163	2022-02-24 17:44:31.402	4G	1423	439	43211	-91.17 Fair	-23.44 No Coverage	-58.09 Excellent	0



162	2022-02-24 11:21:48.274	4G	3102	362	43211	-100.41 Very Poor	-29.78 No Coverage	-61.6 Excellent	0
160	2022-02-24 13:00:17.726	4G	1423	453	43211	-82.8 Very Good	-20.61 Awful	-51.41 Excellent	0
158	2022-02-24 17:11:17.100	4G	3300	489	43211	-111.05 Very Bad	-29.11 No Coverage	-72.69 Good	0
157	2022-02-24 17:44:45.872	4G	3300	5	43211	-103.47 Very Poor	-29.82 No Coverage	-64.27 Excellent	0
157	2022-02-24 14:11:13.193	4G	3102	255	43211	-105.7 Bad	-28.67 No Coverage	-67.63 Very Good	0
154	2022-02-24 17:23:08.862	4G	3300	257	43211	-109.06 Bad	-28.98 No Coverage	-70.41 Good	0
154	2022-02-24 16:46:34.323	4G	1423	134	43211	-91.6 Fair	-17.14 Bad	-63.99 Excellent	0
152	2022-02-24 17:57:39.744	4G	3300	114	43211	-106.88 Bad	-29.76 No Coverage	-67.96 Very Good	0
152	2022-02-24 17:13:16.778	4G	1423	437	43211	-92 Fair	-15.41 Poor	-66.27 Very Good	0
151	2022-02-24 17:09:30.206	4G	3300	28	43211	-111.69 Very Bad	-29.26 No Coverage	-73.06 Good	0
149	2022-02-24 17:10:10.985	4G	550	222	43211	-94.3 Fair	-13.92 Fair	-69.41 Very Good	0
147	2022-02-24 16:41:20.795	4G	3102	216	43211	-90.46 Fair	-17.55 Bad	-62.35 Excellent	0
144	2022-02-24 17:15:54.285	4G	550	316	43211	-91.94 Fair	-16.2 Bad	-64.86 Excellent	0
142	2022-02-24 15:24:05.935	4G	3300	213	43211	-102.98 Very Poor	-30 No Coverage	-63.78 Excellent	0
141	2022-02-24 14:52:51.299	4G	550	50	43211	-97.17 Poor	-17.21 Bad	-69.57 Very Good	0
138	2022-02-24 18:08:06.250	4G	3300	474	43211	-101.01 Very Poor	-29.33 No Coverage	-62.31 Excellent	0
134	2022-02-24 17:46:43.162	4G	3300	93	43211	-106.88 Bad	-29.89 No Coverage	-67.81 Very Good	0
134	2022-02-24 14:16:08.916	4G	1423	288	43211	-81.6 Very Good	-14.98 Poor	-56.7 Excellent	0
133	2022-02-24 14:14:53.740	4G	550	61	43211	-89.69 Good	-16.44 Bad	-62.29 Excellent	0
127	2022-02-24 14:12:40.417	4G	550	58	43211	-86.71 Good	-14.62 Poor	-61.56 Excellent	0
126	2022-02-24 17:44:00.992	4G	3300	104	43211	-104.2 Very Poor	-29.77 No Coverage	-64.96 Excellent	0
125	2022-02-24 15:51:05.573	4G	3300	413	43211	-100.42 Very Poor	-24.25 No Coverage	-66.77 Very Good	0



120	2022-02-24 17:51:31.545	4G	3102	373	43211	-102.56 Very Poor	-29.89 No Coverage	-63.7 Excellent	0
118	2022-02-24 17:18:13.270	4G	3300	246	43211	-99.4 Poor	-30 No Coverage	-60.37 Excellent	0
114	2022-02-24 17:46:16.271	4G	3300	386	43211	-109.42 Bad	-29.9 No Coverage	-70.66 Good	0
112	2022-02-24 17:47:23.088	4G	3300	197	43211	-99.2 Poor	-29.85 No Coverage	-60.41 Excellent	0
112	2022-02-24 14:16:11.958	4G	550	288	43211	-82.76 Very Good	-14.08 Poor	-58.04 Excellent	0
109	2022-02-24 17:45:59.536	4G	550	344	43211	-96.12 Poor	-22.76 No Coverage	-63.64 Excellent	0
104	2022-02-24 16:14:27.093	4G	3300	83	43211	-105.69 Bad	-29.35 No Coverage	-66.94 Very Good	0
104	2022-02-24 14:12:40.119	4G	1423	58	43211	-83.5 Very Good	-15.67 Poor	-57.94 Excellent	0
102	2022-02-24 17:11:53.687	4G	3300	465	43211	-108.38 Bad	-29.03 No Coverage	-70.13 Good	0
101	2022-02-24 16:35:07.509	4G	3300	252	43211	-104.12 Very Poor	-29.89 No Coverage	-65.38 Very Good	0
101	2022-02-24 14:53:42.807	4G	1423	412	43211	-88.19 Good	-16.93 Bad	-60.7 Excellent	0
100	2022-02-24 15:59:16.276	4G	3300	20	43211	-101.01 Very Poor	-30 No Coverage	-61.65 Excellent	0
98	2022-02-24 15:26:21.728	4G	3300	238	43211	-103.15 Very Poor	-30 No Coverage	-64.06 Excellent	0
98	2022-02-24 14:53:43.019	4G	550	412	43211	-87.95 Good	-15.48 Poor	-61.14 Excellent	0
97	2022-02-24 17:45:49.124	4G	1423	344	43211	-90.36 Fair	-21.71 Awful	-59.05 Excellent	0
96	2022-02-24 11:00:19.768	4G	3102	336	43211	-105.91 Bad	-29.44 No Coverage	-67.17 Very Good	0
96	2022-02-24 18:03:04.255	4G	3300	128	43211	-103.35 Very Poor	-29.47 No Coverage	-64.75 Excellent	0
93	2022-02-24 17:51:13.582	4G	1423	109	43211	-94.53 Fair	-25.4 No Coverage	-59.74 Excellent	0
92	2022-02-24 17:37:39.183	4G	3102	413	43211	-96.77 Poor	-22.89 No Coverage	-64.56 Excellent	0
92	2022-02-24 15:56:40.364	4G	3300	320	43211	-105.77 Bad	-29.75 No Coverage	-66.97 Very Good	0
92	2022-02-24 17:45:48.525	4G	3102	344	43211	-98.75 Poor	-22.22 No Coverage	-65.94 Very Good	0
91	2022-02-24 17:14:54.547	4G	1423	317	43211	-82.26 Very Good	-14.42 Poor	-57.37 Excellent	0



90	2022-02-24 15:18:59.680	4G	3300	127	43211	-106.37 Bad	-29.72 No Coverage	-67.46 Very Good	0
90	2022-02-24 17:23:51.403	4G	3300	294	43211	-106.07 Bad	-28.37 No Coverage	-67.93 Very Good	0
88	2022-02-24 16:24:09.882	4G	3300	36	43211	-101.62 Very Poor	-29.4 No Coverage	-62.56 Excellent	0
87	2022-02-24 17:22:22.116	4G	3300	49	43211	-102.12 Very Poor	-29.88 No Coverage	-62.85 Excellent	0
86	2022-02-24 18:07:14.658	4G	3300	201	43211	-104.74 Very Poor	-30 No Coverage	-65.88 Very Good	0
85	2022-02-24 17:21:48.292	4G	3300	392	43211	-103.11 Very Poor	-29.87 No Coverage	-63.95 Excellent	0
84	2022-02-24 15:45:55.119	4G	3300	161	43211	-107.35 Bad	-29.84 No Coverage	-68.69 Very Good	0
84	2022-02-24 18:09:16.821	4G	3300	298	43211	-99.9 Poor	-29.17 No Coverage	-61.66 Excellent	0
82	2022-02-24 17:28:00.014	4G	3300	41	43211	-105.54 Bad	-29.63 No Coverage	-66.78 Very Good	0
82	2022-02-24 14:43:56.625	4G	550	48	43211	-97.96 Poor	-19.25 Very Bad	-67.82 Very Good	0
82	2022-02-24 17:21:45.579	4G	3300	72	43211	-103.31 Very Poor	-29.86 No Coverage	-64.21 Excellent	0
82	2022-02-24 17:15:25.311	4G	3300	214	43211	-105.26 Bad	-29.15 No Coverage	-66.97 Very Good	0
81	2022-02-24 18:02:39.539	4G	3300	332	43211	-105.09 Bad	-30 No Coverage	-65.43 Very Good	0
80	2022-02-24 17:44:58.412	4G	3300	99	43211	-102.53 Very Poor	-30 No Coverage	-63.7 Excellent	0
80	2022-02-24 17:46:23.008	4G	3300	374	43211	-108.96 Bad	-30 No Coverage	-69.82 Very Good	0
80	2022-02-24 15:39:21.940	4G	3300	318	43211	-112.16 Very Bad	-29.4 No Coverage	-73.25 Good	0
80	2022-02-24 16:08:22.423	4G	3300	498	43211	-102.56 Very Poor	-29.81 No Coverage	-63.67 Excellent	0
80	2022-02-24 14:11:17.188	4G	3102	207	43211	-104.57 Very Poor	-29.58 No Coverage	-65.87 Very Good	0
78	2022-02-24 17:02:15.917	4G	3300	121	43211	-103.7 Very Poor	-29.85 No Coverage	-64.92 Excellent	0
78	2022-02-24 17:14:20.738	4G	550	317	43211	-89.05 Good	-13.75 Fair	-64.51 Excellent	0
76	2022-02-24 17:12:17.785	4G	3300	149	43211	-106.51 Bad	-29.77 No Coverage	-67.78 Very Good	0
76	2022-02-24 17:44:24.247	4G	3300	131	43211	-106.44 Bad	-30 No Coverage	-67.42 Very Good	0



76	2022-02-24 17:23:54.475	4G	3300	354	43211	-104.94 Very Poor	-29.68 No Coverage	-66.1 Very Good	0
76	2022-02-24 17:27:47.761	4G	3300	490	43211	-104.89 Very Poor	-29.34 No Coverage	-66.13 Very Good	0
74	2022-02-24 13:00:05.309	4G	3102	453	43211	-83.83 Very Good	-20.47 Awful	-52.6 Excellent	0
74	2022-02-24 16:34:25.396	4G	3300	496	43211	-104.81 Very Poor	-29.55 No Coverage	-65.94 Very Good	0
74	2022-02-24 15:26:39.464	4G	3300	423	43211	-103.06 Very Poor	-30 No Coverage	-63.89 Excellent	0
73	2022-02-24 15:43:24.196	4G	3300	239	43211	-98.68 Poor	-30 No Coverage	-58.8 Excellent	0
72	2022-02-24 17:19:48.026	4G	3300	312	43211	-107.25 Bad	-29.31 No Coverage	-68.75 Very Good	0
72	2022-02-24 16:47:40.488	4G	3300	38	43211	-107.2 Bad	-29.8 No Coverage	-68.52 Very Good	0
72	2022-02-24 17:27:20.743	4G	3300	267	43211	-103.34 Very Poor	-29.38 No Coverage	-64.5 Excellent	0
72	2022-02-24 17:44:52.569	4G	3300	233	43211	-102.7 Very Poor	-29.45 No Coverage	-64.19 Excellent	0
72	2022-02-24 17:11:54.940	4G	3102	317	43211	-86.95 Good	-12.95 Fair	-63.62 Excellent	0
70	2022-02-24 15:48:05.887	4G	3300	470	43211	-103.37 Very Poor	-30 No Coverage	-64.54 Excellent	0
70	2022-02-24 18:05:12.866	4G	3300	393	43211	-102.11 Very Poor	-30 No Coverage	-63.2 Excellent	0
70	2022-02-24 17:25:50.958	4G	3300	339	43211	-104.92 Very Poor	-29.44 No Coverage	-66.11 Very Good	0
70	2022-02-24 18:01:08.518	4G	3300	118	43211	-99.3 Poor	-30 No Coverage	-60.11 Excellent	0
70	2022-02-24 16:07:57.474	4G	3300	130	43211	-98.72 Poor	-29.44 No Coverage	-60.11 Excellent	0
70	2022-02-24 18:03:43.153	4G	3300	78	43211	-102.64 Very Poor	-30 No Coverage	-63.54 Excellent	0
70	2022-02-24 16:54:35.659	4G	3300	37	43211	-100.42 Very Poor	-30 No Coverage	-61.77 Excellent	0
70	2022-02-24 18:03:57.467	4G	3300	193	43211	-102.71 Very Poor	-29.8 No Coverage	-63.88 Excellent	0
68	2022-02-24 15:39:11.408	4G	3300	468	43211	-107.94 Bad	-30 No Coverage	-68.88 Very Good	0
68	2022-02-24 15:38:54.460	4G	3300	206	43211	-106.47 Bad	-29.61 No Coverage	-68.48 Very Good	0
67	2022-02-24 17:28:06.868	4G	3300	31	43211	-105.88 Bad	-30 No Coverage	-66.82 Very Good	0



67	2022-02-24 16:46:29.442	4G	3102	134	43211	-89.79 Good	-17.11 Bad	-61.49 Excellent	0
66	2022-02-24 18:09:52.395	4G	3300	1	43211	-100.56 Very Poor	-29.84 No Coverage	-61.72 Excellent	0
66	2022-02-24 18:08:45.412	4G	3300	163	43211	-100.45 Very Poor	-29.4 No Coverage	-62.27 Excellent	0
66	2022-02-24 16:48:52.256	4G	3300	44	43211	-103.34 Very Poor	-29.5 No Coverage	-64.6 Excellent	0
66	2022-02-24 18:08:59.482	4G	3300	319	43211	-101.95 Very Poor	-30 No Coverage	-63.42 Excellent	0
66	2022-02-24 11:00:57.346	4G	3102	324	43211	-103.13 Very Poor	-30 No Coverage	-63.87 Excellent	0
66	2022-02-24 16:12:17.176	4G	3300	303	43211	-98.87 Poor	-30 No Coverage	-59.9 Excellent	0
66	2022-02-24 16:14:08.025	4G	3300	167	43211	-104.34 Very Poor	-30 No Coverage	-64.93 Excellent	0
66	2022-02-24 17:15:58.132	4G	3300	479	43211	-107.83 Bad	-28.95 No Coverage	-69.9 Very Good	0
65	2022-02-24 12:59:59.836	4G	550	453	43211	-79.2 Excellent	-15.49 Poor	-53.24 Excellent	0
64	2022-02-24 17:45:42.014	4G	3300	355	43211	-103.09 Very Poor	-30 No Coverage	-64.25 Excellent	0
64	2022-02-24 17:20:05.257	4G	3300	230	43211	-103.79 Very Poor	-30 No Coverage	-65.03 Very Good	0
64	2022-02-24 17:18:30.295	4G	3300	9	43211	-102.75 Very Poor	-29.64 No Coverage	-63.62 Excellent	0
62	2022-02-24 15:37:26.554	4G	3300	401	43211	-107.93 Bad	-29.11 No Coverage	-69.54 Very Good	0
62	2022-02-24 16:51:49.541	4G	3300	398	43211	-104.69 Very Poor	-30 No Coverage	-65.7 Very Good	0
62	2022-02-24 17:46:58.173	4G	3300	452	43211	-102.03 Very Poor	-29.27 No Coverage	-63.29 Excellent	0
62	2022-02-24 16:03:55.114	4G	3300	225	43211	-109.19 Bad	-28.14 No Coverage	-71.45 Good	0
62	2022-02-24 17:08:23.233	4G	3300	325	43211	-102.82 Very Poor	-30 No Coverage	-63.77 Excellent	0
61	2022-02-24 14:43:57.231	4G	1423	48	43211	-92.85 Fair	-19.27 Very Bad	-63.3 Excellent	0
60	2022-02-24 18:04:12.364	4G	3300	291	43211	-101.86 Very Poor	-30 No Coverage	-62.83 Excellent	0
60	2022-02-24 15:35:45.689	4G	3300	254	43211	-109.6 Bad	-29.61 No Coverage	-70.73 Good	0
60	2022-02-24 18:08:19.404	4G	3300	7	43211	-102.46 Very Poor	-30 No Coverage	-63.66 Excellent	0



60	2022-02-24 17:04:29.960	4G	3300	74	43211	-109.71 Bad	-30 No Coverage	-70.73 Good	0
60	2022-02-24 15:22:34.668	4G	3300	293	43211	-103.3 Very Poor	-30 No Coverage	-64.46 Excellent	0
60	2022-02-24 16:45:04.066	4G	3300	21	43211	-104.18 Very Poor	-29.83 No Coverage	-64.96 Excellent	0
60	2022-02-24 17:20:27.668	4G	3300	363	43211	-101.85 Very Poor	-29.76 No Coverage	-62.76 Excellent	0
60	2022-02-24 15:31:50.574	4G	3300	421	43211	-105.38 Bad	-30 No Coverage	-66.23 Very Good	0
60	2022-02-24 16:28:12.302	4G	3300	88	43211	-100.63 Very Poor	-30 No Coverage	-61.46 Excellent	0
60	2022-02-24 17:31:30.752	4G	3300	150	43211	-102.7 Very Poor	-30 No Coverage	-63.8 Excellent	0
60	2022-02-24 16:00:31.780	4G	3300	260	43211	-108.83 Bad	-30 No Coverage	-69.9 Very Good	0
60	2022-02-24 16:06:45.553	4G	3300	347	43211	-102.75 Very Poor	-30 No Coverage	-63.46 Excellent	0
60	2022-02-24 16:28:44.417	4G	3300	101	43211	-102.66 Very Poor	-29.81 No Coverage	-63.76 Excellent	0
60	2022-02-24 18:00:06.830	4G	3300	299	43211	-103 Very Poor	-29.31 No Coverage	-64.46 Excellent	0
60	2022-02-24 14:42:33.181	4G	3300	360	43211	-108.63 Bad	-29.65 No Coverage	-69.7 Very Good	0
60	2022-02-24 17:41:46.157	4G	3300	356	43211	-101.55 Very Poor	-29.81 No Coverage	-62.66 Excellent	0
60	2022-02-24 17:12:55.279	4G	550	437	43211	-99.45 Poor	-13.76 Fair	-75.31 Fair	0
58	2022-02-24 17:19:26.248	4G	3300	486	43211	-106.31 Bad	-30 No Coverage	-67.17 Very Good	0
57	2022-02-24 14:59:38.027	4G	3300	188	43211	-106.75 Bad	-30 No Coverage	-68.26 Very Good	0
57	2022-02-24 12:01:02.150	4G	550	108	43211	-95.29 Poor	-27.31 No Coverage	-58.4 Excellent	0
57	2022-02-24 15:43:53.554	4G	1423	125	43211	-100.57 Very Poor	-19 Very Bad	-71.59 Good	0
56	2022-02-24 17:16:08.324	4G	3300	473	43211	-106.92 Bad	-29.39 No Coverage	-68.6 Very Good	0
56	2022-02-24 17:09:13.217	4G	3300	183	43211	-99.92 Poor	-30 No Coverage	-60.25 Excellent	0
56	2022-02-24 16:49:29.591	4G	3300	139	43211	-101.48 Very Poor	-30 No Coverage	-62.78 Excellent	0
56	2022-02-24 16:21:50.337	4G	3300	211	43211	-106.8 Bad	-30 No Coverage	-67.75 Very Good	0



56	2022-02-24 16:46:23.748	4G	3300	45	43211	-104.23 Very Poor	-28.53 No Coverage	-66.11 Very Good	0
55	2022-02-24 12:54:36.439	4G	3102	108	43211	-97.27 Poor	-22.12 No Coverage	-64.83 Excellent	0
54	2022-02-24 16:48:12.466	4G	3300	86	43211	-99.53 Poor	-30 No Coverage	-60.62 Excellent	0
54	2022-02-24 17:30:55.049	4G	3300	51	43211	-101.03 Very Poor	-30 No Coverage	-62.03 Excellent	0
54	2022-02-24 14:29:52.631	4G	3300	333	43211	-104.48 Very Poor	-28.98 No Coverage	-66.48 Very Good	0
54	2022-02-24 17:22:57.276	4G	3300	381	43211	-101.22 Very Poor	-29.38 No Coverage	-62.81 Excellent	0
54	2022-02-24 18:00:02.942	4G	3300	204	43211	-103.07 Very Poor	-30 No Coverage	-64.03 Excellent	0
53	2022-02-24 14:47:17.428	4G	3102	338	43211	-99.66 Poor	-28.45 No Coverage	-63.39 Excellent	0
52	2022-02-24 17:19:29.345	4G	3300	261	43211	-105.65 Bad	-29.82 No Coverage	-66.69 Very Good	0
52	2022-02-24 17:00:07.889	4G	3300	155	43211	-106.34 Bad	-30 No Coverage	-67.26 Very Good	0
52	2022-02-24 16:46:28.584	4G	3300	245	43211	-105.86 Bad	-30 No Coverage	-66.53 Very Good	0
52	2022-02-24 17:17:07.593	4G	3300	15	43211	-102.23 Very Poor	-30 No Coverage	-63.19 Excellent	0
52	2022-02-24 16:23:44.880	4G	3300	14	43211	-107.65 Bad	-29.38 No Coverage	-69.07 Very Good	0
52	2022-02-24 17:35:09.830	4G	3102	209	43211	-99.07 Poor	-30 No Coverage	-60.07 Excellent	0
52	2022-02-24 15:40:46.629	4G	3300	469	43211	-107 Bad	-29.71 No Coverage	-67.88 Very Good	0
52	2022-02-24 17:41:44.960	4G	3300	471	43211	-98.32 Poor	-30 No Coverage	-59.38 Excellent	0
52	2022-02-24 18:01:43.995	4G	3300	348	43211	-101.73 Very Poor	-30 No Coverage	-62.8 Excellent	0
52	2022-02-24 16:56:06.807	4G	3300	198	43211	-100.13 Very Poor	-30 No Coverage	-61.42 Excellent	0
52	2022-02-24 17:51:25.402	4G	1423	373	43211	-97.07 Poor	-26.34 No Coverage	-60.73 Excellent	0
51	2022-02-24 16:12:02.625	4G	3300	3	43211	-104.68 Very Poor	-30 No Coverage	-65.67 Very Good	0
51	2022-02-24 17:15:14.386	4G	3300	111	43211	-109.11 Bad	-30 No Coverage	-68.72 Very Good	0
51	2022-02-24 17:56:30.793	4G	1423	309	43211	-101.86 Very Poor	-26.8 No Coverage	-65.78 Very Good	0



50	2022-02-24 17:06:11.974	4G	3300	147	43211	-107.24 Bad	-28.22 No Coverage	-69.64 Very Good	0
50	2022-02-24 16:01:59.682	4G	3300	249	43211	-107.74 Bad	-30 No Coverage	-68.56 Very Good	0
50	2022-02-24 16:23:20.260	4G	3300	264	43211	-102.62 Very Poor	-30 No Coverage	-63.6 Excellent	0
50	2022-02-24 18:07:41.741	4G	3300	448	43211	-100.76 Very Poor	-29.24 No Coverage	-62.44 Excellent	0
50	2022-02-24 15:56:09.233	4G	3300	164	43211	-107.62 Bad	-30 No Coverage	-68.28 Very Good	0
50	2022-02-24 15:55:56.697	4G	3300	394	43211	-109.28 Bad	-29.22 No Coverage	-70.48 Good	0
50	2022-02-24 15:57:29.462	4G	3300	145	43211	-100.22 Very Poor	-29.52 No Coverage	-61.88 Excellent	0
50	2022-02-24 17:24:50.223	4G	3300	395	43211	-104.36 Very Poor	-28.78 No Coverage	-65.88 Very Good	0
50	2022-02-24 17:26:39.801	4G	3300	199	43211	-102.44 Very Poor	-30 No Coverage	-63.16 Excellent	0
50	2022-02-24 16:00:11.085	4G	3300	400	43211	-106.66 Bad	-30 No Coverage	-67.72 Very Good	0
50	2022-02-24 17:24:01.968	4G	3300	310	43211	-105.56 Bad	-28.62 No Coverage	-67.92 Very Good	0
50	2022-02-24 16:05:28.967	4G	3300	143	43211	-109.54 Bad	-29.78 No Coverage	-70.44 Good	0
50	2022-02-24 14:09:48.879	4G	3102	137	43211	-102.04 Very Poor	-26.62 No Coverage	-66.29 Very Good	0
50	2022-02-24 11:50:23.476	4G	3102	321	43211	-103.14 Very Poor	-30 No Coverage	-63.92 Excellent	0
50	2022-02-24 17:37:20.160	4G	3102	213	43211	-99.62 Poor	-29.56 No Coverage	-61.16 Excellent	0
50	2022-02-24 17:02:18.108	4G	3300	187	43211	-105.76 Bad	-30 No Coverage	-66.6 Very Good	0
50	2022-02-24 14:19:15.551	4G	3300	276	43211	-102.44 Very Poor	-29.46 No Coverage	-63.84 Excellent	0
50	2022-02-24 17:43:03.158	4G	3300	278	43211	-102.96 Very Poor	-30 No Coverage	-63.72 Excellent	0
50	2022-02-24 17:02:08.848	4G	3300	306	43211	-109.8 Bad	-28.94 No Coverage	-71.36 Good	0
50	2022-02-24 16:37:42.648	4G	3300	296	43211	-101.2 Very Poor	-30 No Coverage	-62 Excellent	0
50	2022-02-24 16:51:56.249	4G	3300	472	43211	-102.32 Very Poor	-30 No Coverage	-63.56 Excellent	0
50	2022-02-24 16:51:57.718	4G	3300	231	43211	-103.56 Very Poor	-30 No Coverage	-64.24 Excellent	0



50	2022-02-24 16:46:01.912	4G	3300	34	43211	-105.16 Bad	-29.52 No Coverage	-66.36 Very Good	0
50	2022-02-24 16:40:57.582	4G	3300	275	43211	-102.76 Very Poor	-30 No Coverage	-63.68 Excellent	0
50	2022-02-24 14:40:00.757	4G	3300	258	43211	-102.92 Very Poor	-30 No Coverage	-63.92 Excellent	0
50	2022-02-24 16:49:47.300	4G	3300	350	43211	-100.78 Very Poor	-29.82 No Coverage	-61.72 Excellent	0
50	2022-02-24 15:58:42.809	4G	3300	227	43211	-102.82 Very Poor	-30 No Coverage	-63.64 Excellent	0
50	2022-02-24 14:57:44.868	4G	3300	228	43211	-106.38 Bad	-29.74 No Coverage	-67.36 Very Good	0
50	2022-02-24 16:13:10.146	4G	3300	181	43211	-99.72 Poor	-29.8 No Coverage	-60.56 Excellent	0
50	2022-02-24 17:42:31.756	4G	3300	432	43211	-103.06 Very Poor	-30 No Coverage	-63.8 Excellent	0
50	2022-02-24 17:18:29.496	4G	3300	18	43211	-101.38 Very Poor	-30 No Coverage	-62.12 Excellent	0
50	2022-02-24 17:57:36.041	4G	3300	367	43211	-107.22 Bad	-29.78 No Coverage	-68.52 Very Good	0
50	2022-02-24 17:43:42.732	4G	3300	212	43211	-108.98 Bad	-28.96 No Coverage	-70.4 Good	0
50	2022-02-24 17:12:53.208	4G	3300	371	43211	-102.62 Very Poor	-30 No Coverage	-63.92 Excellent	0
50	2022-02-24 16:16:31.838	4G	3300	390	43211	-110.1 Very Bad	-30 No Coverage	-70.96 Good	0
50	2022-02-24 17:10:38.789	4G	3300	477	43211	-102.48 Very Poor	-30 No Coverage	-63.44 Excellent	0
49	2022-02-24 17:12:33.898	4G	3300	35	43211	-111.67 Very Bad	-29.69 No Coverage	-72.8 Good	0
48	2022-02-24 15:26:38.357	4G	3300	153	43211	-105.6 Bad	-30 No Coverage	-66.5 Very Good	0
48	2022-02-24 16:52:50.129	4G	3300	327	43211	-104.1 Very Poor	-30 No Coverage	-65 Excellent	0
46	2022-02-24 15:45:59.043	4G	3300	501	43211	-101.93 Very Poor	-28.63 No Coverage	-63.95 Excellent	0
46	2022-02-24 14:10:29.485	4G	3300	436	43211	-106.63 Bad	-27.3 No Coverage	-69.26 Very Good	0
46	2022-02-24 15:44:42.160	4G	3300	11	43211	-105.91 Bad	-30 No Coverage	-66.43 Very Good	0
46	2022-02-24 17:12:05.782	4G	3300	23	43211	-104.63 Very Poor	-30 No Coverage	-65.72 Very Good	0
46	2022-02-24 13:22:42.362	4G	3300	443	43211	-103.58 Very Poor	-30 No Coverage	-64.86 Excellent	0



46	2022-02-24 14:00:12.680	4G	3102	54	43211	-100.5 Very Poor	-30 No Coverage	-61.43 Excellent	0
46	2022-02-24 16:34:41.629	4G	3300	194	43211	-102.28 Very Poor	-30 No Coverage	-62.39 Excellent	0
46	2022-02-24 17:13:39.979	4G	3300	404	43211	-101.32 Very Poor	-30 No Coverage	-62.32 Excellent	0
46	2022-02-24 18:08:08.728	4G	3300	90	43211	-108.71 Bad	-29.65 No Coverage	-69.69 Very Good	0
45	2022-02-24 11:54:20.984	4G	1423	108	43211	-89.42 Good	-23.64 No Coverage	-56.31 Excellent	0
45	2022-02-24 14:41:02.831	4G	3300	171	43211	-108.71 Bad	-28.77 No Coverage	-71.05 Good	0
44	2022-02-24 15:48:47.603	4G	3300	124	43211	-102.11 Very Poor	-30 No Coverage	-63 Excellent	0
44	2022-02-24 15:59:52.522	4G	3300	352	43211	-104.72 Very Poor	-30 No Coverage	-65.77 Very Good	0
44	2022-02-24 15:44:34.735	4G	3300	460	43211	-103.65 Very Poor	-30 No Coverage	-64.27 Excellent	0
44	2022-02-24 12:56:49.724	4G	3102	497	43211	-98.4 Poor	-21.15 Awful	-66.72 Very Good	0
44	2022-02-24 17:26:47.496	4G	3300	105	43211	-101.38 Very Poor	-29.68 No Coverage	-62.95 Excellent	0
44	2022-02-24 17:01:52.090	4G	3300	234	43211	-99.88 Poor	-28.86 No Coverage	-62.09 Excellent	0
43	2022-02-24 16:01:13.670	4G	3300	80	43211	-99.51 Poor	-30 No Coverage	-60.79 Excellent	0
43	2022-02-24 16:24:25.676	4G	3300	328	43211	-108.39 Bad	-29.72 No Coverage	-69.42 Very Good	0
42	2022-02-24 16:43:19.034	4G	3300	141	43211	-100.26 Very Poor	-30 No Coverage	-61.09 Excellent	0
42	2022-02-24 16:47:14.026	4G	3300	205	43211	-102.85 Very Poor	-30 No Coverage	-63.71 Excellent	0
42	2022-02-24 16:45:10.759	4G	3300	56	43211	-104.16 Very Poor	-30 No Coverage	-64.71 Excellent	0
42	2022-02-24 13:19:42.859	4G	3300	491	43211	-105.21 Bad	-29.47 No Coverage	-66.19 Very Good	0
42	2022-02-24 16:22:12.161	4G	3300	144	43211	-105.71 Bad	-30 No Coverage	-67.57 Very Good	0
42	2022-02-24 16:21:49.796	4G	3300	335	43211	-106.47 Bad	-30 No Coverage	-67.23 Very Good	0
42	2022-02-24 18:01:52.998	4G	3300	208	43211	-100.07 Very Poor	-30 No Coverage	-60.15 Excellent	0
42	2022-02-24 17:19:11.523	4G	3300	482	43211	-106.73 Bad	-29.64 No Coverage	-67.85 Very Good	0



42	2022-02-24 17:44:02.247	4G	3300	425	43211	-100.26 Very Poor	-28.88 No Coverage	-62.33 Excellent	0
42	2022-02-24 12:57:35.083	4G	1423	495	43211	-92.69 Fair	-29.26 No Coverage	-54.39 Excellent	0
42	2022-02-24 17:46:14.529	4G	3300	422	43211	-108.97 Bad	-30 No Coverage	-70 Very Good	0
42	2022-02-24 16:24:03.254	4G	3300	441	43211	-102.14 Very Poor	-29.71 No Coverage	-63.19 Excellent	0
42	2022-02-24 17:25:17.326	4G	3300	433	43211	-102.8 Very Poor	-29.69 No Coverage	-64.09 Excellent	0
42	2022-02-24 15:39:01.722	4G	3300	284	43211	-112.14 Very Bad	-29.42 No Coverage	-73.38 Good	0
42	2022-02-24 17:12:32.456	4G	3300	488	43211	-101.3 Very Poor	-29 No Coverage	-63.09 Excellent	0
41	2022-02-24 14:18:23.219	4G	550	361	43211	-90.48 Fair	-22 Awful	-58 Excellent	0
40	2022-02-24 17:12:32.032	4G	3300	431	43211	-106.75 Bad	-30 No Coverage	-67.8 Very Good	0
40	2022-02-24 11:00:10.088	4G	550	413	43211	-88 Good	-13.45 Fair	-64.77 Excellent	0
40	2022-02-24 16:05:12.374	4G	3300	10	43211	-105.82 Bad	-30 No Coverage	-66.6 Very Good	0
40	2022-02-24 16:18:16.678	4G	3300	30	43211	-107.22 Bad	-30 No Coverage	-68.15 Very Good	0
40	2022-02-24 18:05:28.270	4G	3300	430	43211	-98.57 Poor	-30 No Coverage	-60 Excellent	0
40	2022-02-24 18:00:22.035	4G	3300	499	43211	-98.87 Poor	-30 No Coverage	-60.25 Excellent	0
40	2022-02-24 17:45:49.547	4G	3300	406	43211	-104.4 Very Poor	-30 No Coverage	-65.25 Very Good	0
40	2022-02-24 16:03:40.183	4G	3300	269	43211	-105.2 Bad	-27.37 No Coverage	-67.95 Very Good	0
40	2022-02-24 15:43:58.464	4G	3300	244	43211	-104.45 Very Poor	-30 No Coverage	-65.4 Very Good	0
40	2022-02-24 14:11:03.908	4G	3102	299	43211	-103.77 Very Poor	-30 No Coverage	-64.65 Excellent	0
40	2022-02-24 15:39:28.364	4G	3300	13	43211	-105.92 Bad	-30 No Coverage	-67 Very Good	0
40	2022-02-24 17:26:31.489	4G	3300	148	43211	-101.57 Very Poor	-30 No Coverage	-62.4 Excellent	0
40	2022-02-24 12:00:08.466	4G	550	110	43211	-94.7 Fair	-19.12 Very Bad	-67.22 Very Good	0
40	2022-02-24 15:41:14.240	4G	3300	494	43211	-107.82 Bad	-30 No Coverage	-68.8 Very Good	0



40	2022-02-24 17:43:22.539	4G	3300	52	43211	-103.02 Very Poor	-30 No Coverage	-64.4 Excellent	0
40	2022-02-24 16:34:18.727	4G	3300	202	43211	-98.97 Poor	-30 No Coverage	-60.3 Excellent	0
40	2022-02-24 17:05:29.690	4G	3300	236	43211	-101.2 Very Poor	-29.65 No Coverage	-62.7 Excellent	0
40	2022-02-24 14:27:45.507	4G	3300	32	43211	-108.9 Bad	-30 No Coverage	-69.5 Very Good	0
40	2022-02-24 16:20:30.904	4G	3300	116	43211	-98.47 Poor	-30 No Coverage	-59.15 Excellent	0
40	2022-02-24 16:36:28.868	4G	3300	466	43211	-99.55 Poor	-30 No Coverage	-60.8 Excellent	0
40	2022-02-24 18:00:19.450	4G	3300	369	43211	-103.95 Very Poor	-30 No Coverage	-64.95 Excellent	0
40	2022-02-24 17:44:58.825	4G	3300	154	43211	-103.22 Very Poor	-30 No Coverage	-64.25 Excellent	0
40	2022-02-24 16:57:40.298	4G	3300	387	43211	-101.12 Very Poor	-30 No Coverage	-62.2 Excellent	0
40	2022-02-24 18:08:44.067	4G	3300	426	43211	-99.97 Poor	-30 No Coverage	-60.7 Excellent	0
40	2022-02-24 17:47:39.928	4G	3300	262	43211	-104.65 Very Poor	-29.67 No Coverage	-65.9 Very Good	0
40	2022-02-24 16:07:09.340	4G	3300	391	43211	-106.65 Bad	-30 No Coverage	-67.6 Very Good	0
40	2022-02-24 17:22:23.387	4G	3300	270	43211	-105.07 Bad	-30 No Coverage	-65.8 Very Good	0
40	2022-02-24 16:15:50.692	4G	3300	123	43211	-105.45 Bad	-28.97 No Coverage	-67.1 Very Good	0
40	2022-02-24 17:31:35.278	4G	3300	185	43211	-101.52 Very Poor	-28.4 No Coverage	-63.7 Excellent	0
40	2022-02-24 15:41:26.318	4G	3300	242	43211	-112.42 Very Bad	-30 No Coverage	-73.7 Good	0
40	2022-02-24 17:53:45.047	4G	3102	150	43211	-100.97 Very Poor	-30 No Coverage	-62.1 Excellent	0
39	2022-02-24 18:02:41.406	4G	3300	365	43211	-103.89 Very Poor	-30 No Coverage	-64.52 Excellent	0
38	2022-02-24 15:20:41.741	4G	3300	159	43211	-106.21 Bad	-29.39 No Coverage	-67.84 Very Good	0
38	2022-02-24 11:12:50.830	4G	3102	345	43211	-99.57 Poor	-30 No Coverage	-60.21 Excellent	0
38	2022-02-24 17:02:11.274	4G	3300	251	43211	-107.23 Bad	-30 No Coverage	-68.38 Very Good	0
38	2022-02-24 17:16:07.077	4G	3300	82	43211	-109.21 Bad	-30 No Coverage	-69.84 Very Good	0



38	2022-02-24 17:24:38.017	4G	3300	464	43211	-97.55 Poor	-30 No Coverage	-59 Excellent	0
38	2022-02-24 13:00:53.132	4G	1423	345	43211	-100.02 Very Poor	-29.23 No Coverage	-61.75 Excellent	0
37	2022-02-24 17:13:09.182	4G	3102	117	43211	-101.37 Very Poor	-27.78 No Coverage	-66 Very Good	0
36	2022-02-24 14:14:50.701	4G	3300	221	43211	-103.97 Very Poor	-30 No Coverage	-64.77 Excellent	0
36	2022-02-24 15:42:50.265	4G	3300	388	43211	-103.69 Very Poor	-28.3 No Coverage	-65.83 Very Good	0
36	2022-02-24 13:03:17.247	4G	3102	170	43211	-103.52 Very Poor	-30 No Coverage	-64.38 Excellent	0
36	2022-02-24 11:02:55.417	4G	3102	212	43211	-105.36 Bad	-29.41 No Coverage	-67.1 Very Good	0
36	2022-02-24 17:46:05.223	4G	3300	399	43211	-102.22 Very Poor	-30 No Coverage	-63.33 Excellent	0
36	2022-02-24 17:08:27.229	4G	3300	226	43211	-105.05 Bad	-30 No Coverage	-65.33 Very Good	0
36	2022-02-24 15:40:28.191	4G	3300	203	43211	-107.08 Bad	-28.75 No Coverage	-69.61 Very Good	0
36	2022-02-24 17:46:08.369	4G	550	373	43211	-97.05 Poor	-21.11 Awful	-65.11 Very Good	0
35	2022-02-24 15:00:13.139	4G	3300	85	43211	-102.4 Very Poor	-30 No Coverage	-63.58 Excellent	0
35	2022-02-24 15:33:35.438	4G	3102	125	43211	-98.4 Poor	-19.77 Very Bad	-68.22 Very Good	0
34	2022-02-24 11:14:50.312	4G	3102	238	43211	-101.88 Very Poor	-30 No Coverage	-62.82 Excellent	0
34	2022-02-24 17:57:40.578	4G	3300	113	43211	-103.32 Very Poor	-30 No Coverage	-64.11 Excellent	0
34	2022-02-24 15:43:11.592	4G	550	125	43211	-105.11 Bad	-19.5 Very Bad	-75.2 Fair	0
34	2022-02-24 17:37:40.386	4G	3102	280	43211	-101.38 Very Poor	-24.08 No Coverage	-69.44 Very Good	0
32	2022-02-24 12:17:18.233	4G	3300	407	43211	-103.37 Very Poor	-30 No Coverage	-64.37 Excellent	0
32	2022-02-24 16:17:26.360	4G	3300	287	43211	-98.93 Poor	-30 No Coverage	-59.62 Excellent	0
32	2022-02-24 14:31:00.747	4G	3300	66	43211	-108.25 Bad	-30 No Coverage	-69.25 Very Good	0
32	2022-02-24 16:16:58.831	4G	3300	368	43211	-105.71 Bad	-30 No Coverage	-66.81 Very Good	0
32	2022-02-24 15:59:32.024	4G	3300	243	43211	-100.43 Very Poor	-29.25 No Coverage	-61.62 Excellent	0



32	2022-02-24 17:12:46.024	4G	3300	91	43211	-105.28 Bad	-28.68 No Coverage	-66.56 Very Good	0
32	2022-02-24 15:23:52.593	4G	3300	415	43211	-107.21 Bad	-29.68 No Coverage	-68.37 Very Good	0
32	2022-02-24 16:17:06.112	4G	3300	200	43211	-106.62 Bad	-29.5 No Coverage	-67.31 Very Good	0
32	2022-02-24 14:14:06.313	4G	3300	176	43211	-105.28 Bad	-30 No Coverage	-64.72 Excellent	0
32	2022-02-24 11:13:32.707	4G	3102	113	43211	-99.75 Poor	-30 No Coverage	-60.75 Excellent	0
32	2022-02-24 11:18:22.481	4G	3102	443	43211	-99.78 Poor	-30 No Coverage	-60.81 Excellent	0
32	2022-02-24 12:57:34.833	4G	550	497	43211	-101.59 Very Poor	-19.65 Very Bad	-71.65 Good	0
32	2022-02-24 17:43:32.916	4G	3300	192	43211	-104.87 Very Poor	-29.68 No Coverage	-66 Very Good	0
32	2022-02-24 14:10:55.134	4G	3102	257	43211	-106.03 Bad	-30 No Coverage	-67.12 Very Good	0
32	2022-02-24 16:52:11.310	4G	3300	503	43211	-106.25 Bad	-28.5 No Coverage	-69.06 Very Good	0
32	2022-02-24 15:51:41.192	4G	3300	410	43211	-99.65 Poor	-30 No Coverage	-60.81 Excellent	0
31	2022-02-24 14:10:00.294	4G	1423	137	43211	-93.87 Fair	-20.16 Awful	-64.4 Excellent	0
30	2022-02-24 11:00:06.383	4G	1423	413	43211	-76.56 Excellent	-9.66 Very Good	-56.66 Excellent	0
30	2022-02-24 11:29:51.421	4G	3300	379	43211	-98.56 Poor	-30 No Coverage	-59.46 Excellent	0
30	2022-02-24 16:22:09.085	4G	3300	209	43211	-103.33 Very Poor	-30 No Coverage	-64.26 Excellent	0
30	2022-02-24 12:30:57.114	4G	3300	174	43211	-105.96 Bad	-30 No Coverage	-66.8 Very Good	0
30	2022-02-24 18:08:56.578	4G	3300	54	43211	-103.96 Very Poor	-30 No Coverage	-64.93 Excellent	0
30	2022-02-24 16:32:21.780	4G	3300	442	43211	-99.23 Poor	-30 No Coverage	-60.33 Excellent	0
30	2022-02-24 17:44:11.079	4G	3300	250	43211	-101.93 Very Poor	-27.96 No Coverage	-64.93 Excellent	0
30	2022-02-24 17:21:17.185	4G	3300	458	43211	-103.86 Very Poor	-30 No Coverage	-64.86 Excellent	0
30	2022-02-24 13:07:56.395	4G	3300	89	43211	-106.03 Bad	-30 No Coverage	-66.86 Very Good	0
30	2022-02-24 17:03:39.833	4G	3300	273	43211	-105.6 Bad	-30 No Coverage	-66.46 Very Good	0



30	2022-02-24 17:41:39.605	4G	3300	492	43211	-104.43 Very Poor	-30 No Coverage	-65.6 Very Good	0
30	2022-02-24 14:35:30.166	4G	3300	281	43211	-110.4 Very Bad	-30 No Coverage	-71 Good	0
30	2022-02-24 17:09:46.049	4G	3300	383	43211	-100.63 Very Poor	-29.7 No Coverage	-61.93 Excellent	0
30	2022-02-24 14:28:11.765	4G	3300	292	43211	-108.1 Bad	-30 No Coverage	-69.2 Very Good	0
30	2022-02-24 17:15:16.455	4G	3300	408	43211	-109.13 Bad	-29.7 No Coverage	-70.46 Good	0
30	2022-02-24 15:17:57.495	4G	3300	120	43211	-104.46 Very Poor	-29.53 No Coverage	-65.13 Very Good	0
30	2022-02-24 16:49:58.110	4G	3300	55	43211	-104.93 Very Poor	-30 No Coverage	-65.93 Very Good	0
30	2022-02-24 15:34:28.149	4G	3300	487	43211	-111.4 Very Bad	-30 No Coverage	-72.26 Good	0
30	2022-02-24 14:20:19.045	4G	3300	459	43211	-96.66 Poor	-30 No Coverage	-57.86 Excellent	0
30	2022-02-24 17:02:41.062	4G	3300	129	43211	-107.16 Bad	-30 No Coverage	-67.93 Very Good	0
30	2022-02-24 15:38:11.950	4G	3300	95	43211	-107.73 Bad	-30 No Coverage	-68.73 Very Good	0
30	2022-02-24 15:06:13.563	4G	3300	274	43211	-97.76 Poor	-30 No Coverage	-58.66 Excellent	0
30	2022-02-24 15:46:30.274	4G	3300	92	43211	-103.33 Very Poor	-30 No Coverage	-64.13 Excellent	0
30	2022-02-24 14:36:23.577	4G	3300	60	43211	-111.06 Very Bad	-28.5 No Coverage	-72.73 Good	0
30	2022-02-24 11:16:06.535	4G	3102	394	43211	-99.03 Poor	-30 No Coverage	-59.66 Excellent	0
30	2022-02-24 17:36:27.829	4G	3102	107	43211	-104.16 Very Poor	-30 No Coverage	-65.13 Very Good	0
30	2022-02-24 17:52:26.234	4G	3102	28	43211	-96.73 Poor	-30 No Coverage	-57.66 Excellent	0
30	2022-02-24 11:13:19.262	4G	3102	29	43211	-98.33 Poor	-30 No Coverage	-59.46 Excellent	0
30	2022-02-24 11:19:24.740	4G	3102	21	43211	-99.53 Poor	-29.6 No Coverage	-60.93 Excellent	0
30	2022-02-24 17:53:20.481	4G	3102	492	43211	-99.13 Poor	-30 No Coverage	-60.33 Excellent	0
30	2022-02-24 11:18:00.127	4G	3102	334	43211	-99.53 Poor	-30 No Coverage	-60.8 Excellent	0
30	2022-02-24 17:37:47.812	4G	3102	273	43211	-102.53 Very Poor	-30 No Coverage	-63.26 Excellent	0



30	2022-02-24 13:03:26.059	4G	3102	348	43211	-100.2 Very Poor	-29.5 No Coverage	-61.8 Excellent	0
30	2022-02-24 11:15:21.593	4G	3102	333	43211	-98.46 Poor	-30 No Coverage	-59.26 Excellent	0
30	2022-02-24 17:55:29.810	4G	3102	486	43211	-96.53 Poor	-30 No Coverage	-57.46 Excellent	0
30	2022-02-24 17:53:12.196	4G	3102	197	43211	-98.4 Poor	-30 No Coverage	-59.2 Excellent	0
30	2022-02-24 15:47:10.595	4G	3300	84	43211	-104.5 Very Poor	-30 No Coverage	-65.73 Very Good	0
30	2022-02-24 18:00:40.637	4G	3300	8	43211	-99.83 Poor	-30 No Coverage	-60.93 Excellent	0
30	2022-02-24 17:19:07.647	4G	3300	178	43211	-100.86 Very Poor	-30 No Coverage	-61.4 Excellent	0
30	2022-02-24 16:09:48.364	4G	3300	286	43211	-107.8 Bad	-29.16 No Coverage	-69.26 Very Good	0
30	2022-02-24 15:16:40.609	4G	3300	29	43211	-103.93 Very Poor	-28.6 No Coverage	-65.13 Very Good	0
30	2022-02-24 15:39:03.380	4G	3300	461	43211	-115.13 Awful	-28.86 No Coverage	-77.2 Fair	0
30	2022-02-24 14:46:10.408	4G	3300	307	43211	-100.86 Very Poor	-30 No Coverage	-61.93 Excellent	0
30	2022-02-24 17:29:21.675	4G	3300	428	43211	-101.73 Very Poor	-30 No Coverage	-62.33 Excellent	0
30	2022-02-24 17:41:30.414	4G	3300	180	43211	-101.63 Very Poor	-30 No Coverage	-62.26 Excellent	0
30	2022-02-24 15:42:02.436	4G	3300	285	43211	-107.56 Bad	-30 No Coverage	-68.26 Very Good	0
30	2022-02-24 12:39:13.972	4G	3300	186	43211	-107.13 Bad	-30 No Coverage	-68.46 Very Good	0
30	2022-02-24 17:12:47.889	4G	3300	283	43211	-108.2 Bad	-30 No Coverage	-68.93 Very Good	0
30	2022-02-24 13:34:13.772	4G	3300	304	43211	-99.23 Poor	-30 No Coverage	-60.26 Excellent	0
30	2022-02-24 17:03:30.639	4G	3300	168	43211	-109.43 Bad	-30 No Coverage	-70.06 Good	0
30	2022-02-24 14:43:00.588	4G	3300	402	43211	-96.73 Poor	-30 No Coverage	-57.6 Excellent	0
30	2022-02-24 18:04:05.024	4G	3300	297	43211	-105.6 Bad	-30 No Coverage	-66.26 Very Good	0
30	2022-02-24 18:02:29.994	4G	3300	463	43211	-101.86 Very Poor	-30 No Coverage	-62.73 Excellent	0
30	2022-02-24 14:51:32.346	4G	3300	177	43211	-109.23 Bad	-30 No Coverage	-70.13 Good	0



30	2022-02-24 16:41:57.408	4G	3300	103	43211	-104.5 Very Poor	-29.6 No Coverage	-65.33 Very Good	0
30	2022-02-24 16:03:39.765	4G	3300	450	43211	-108.66 Bad	-30 No Coverage	-69.66 Very Good	0
30	2022-02-24 17:05:35.432	4G	3300	447	43211	-103.73 Very Poor	-30 No Coverage	-64.6 Excellent	0
30	2022-02-24 16:40:59.267	4G	3300	403	43211	-107.33 Bad	-30 No Coverage	-67.8 Very Good	0
30	2022-02-24 18:00:21.611	4G	3300	94	43211	-103.13 Very Poor	-30 No Coverage	-64.2 Excellent	0
30	2022-02-24 15:40:08.669	4G	3300	451	43211	-109.23 Bad	-30 No Coverage	-70.6 Good	0
30	2022-02-24 15:35:07.363	4G	3300	311	43211	-109.16 Bad	-29.26 No Coverage	-70.13 Good	0
30	2022-02-24 16:14:37.270	4G	3300	457	43211	-101.53 Very Poor	-30 No Coverage	-62.4 Excellent	0
30	2022-02-24 15:47:55.412	4G	3300	12	43211	-107.43 Bad	-30 No Coverage	-68.53 Very Good	0
30	2022-02-24 16:37:59.518	4G	3300	313	43211	-98.46 Poor	-29.63 No Coverage	-59.53 Excellent	0
30	2022-02-24 16:01:05.881	4G	3300	81	43211	-109 Bad	-30 No Coverage	-70 Very Good	0
30	2022-02-24 17:47:39.184	4G	3300	279	43211	-101.26 Very Poor	-30 No Coverage	-61.93 Excellent	0
30	2022-02-24 18:02:10.687	4G	3300	396	43211	-104.9 Very Poor	-29.53 No Coverage	-66.13 Very Good	0
30	2022-02-24 18:04:02.683	4G	3300	126	43211	-100.03 Very Poor	-30 No Coverage	-61.06 Excellent	0
30	2022-02-24 16:28:58.302	4G	3300	63	43211	-104.73 Very Poor	-30 No Coverage	-65.46 Very Good	0
30	2022-02-24 17:02:17.383	4G	3300	340	43211	-102.83 Very Poor	-30 No Coverage	-63.4 Excellent	0
30	2022-02-24 17:44:47.329	4G	3300	62	43211	-103.7 Very Poor	-30 No Coverage	-65 Excellent	0
30	2022-02-24 15:55:11.947	4G	3300	366	43211	-111.46 Very Bad	-30 No Coverage	-72.13 Good	0
30	2022-02-24 17:55:29.599	4G	3102	193	43211	-100.66 Very Poor	-30 No Coverage	-61.8 Excellent	0
29	2022-02-24 16:01:29.758	4G	3300	268	43211	-107.93 Bad	-30 No Coverage	-68.42 Very Good	0
29	2022-02-24 17:45:02.606	4G	3300	33	43211	-110.17 Very Bad	-30 No Coverage	-70.78 Good	0
28	2022-02-24 16:35:59.063	4G	3300	272	43211	-94.6 Fair	-30 No Coverage	-56.46 Excellent	0



28	2022-02-24 17:28:03.561	4G	3300	165	43211	-106.14 Bad	-30 No Coverage	-66.23 Very Good	0
28	2022-02-24 16:58:38.023	4G	550	309	43211	-103.75 Very Poor	-21.17 Awful	-72.21 Good	0
28	2022-02-24 17:17:21.904	4G	1423	215	43211	-102.5 Very Poor	-21.21 Awful	-71.1 Good	0
28	2022-02-24 17:39:35.244	4G	1423	150	43211	-105.71 Bad	-30 No Coverage	-66.4 Very Good	0
27	2022-02-24 15:38:50.720	4G	3300	405	43211	-111.74 Very Bad	-30 No Coverage	-72.16 Good	0
27	2022-02-24 16:10:51.678	4G	3300	219	43211	-103.25 Very Poor	-30 No Coverage	-63.45 Excellent	0
27	2022-02-24 16:53:31.510	4G	3300	73	43211	-103.7 Very Poor	-30 No Coverage	-62.33 Excellent	0
26	2022-02-24 17:52:45.322	4G	3102	103	43211	-100.38 Very Poor	-30 No Coverage	-62 Excellent	0
26	2022-02-24 11:14:03.874	4G	3102	474	43211	-99.19 Poor	-30 No Coverage	-60.38 Excellent	0
26	2022-02-24 17:45:19.548	4G	3300	19	43211	-103.65 Very Poor	-30 No Coverage	-64.6 Excellent	0
26	2022-02-24 11:49:05.193	4G	3102	414	43211	-98.88 Poor	-30 No Coverage	-59.61 Excellent	0
26	2022-02-24 13:21:31.164	4G	3300	409	43211	-98.3 Poor	-30 No Coverage	-59.69 Excellent	0
26	2022-02-24 12:59:21.119	4G	1423	303	43211	-97.46 Poor	-30 No Coverage	-58.9 Excellent	0
26	2022-02-24 16:46:23.744	4G	3300	69	43211	-99.88 Poor	-29.65 No Coverage	-60.76 Excellent	0
26	2022-02-24 17:57:31.259	4G	3300	4	43211	-101.69 Very Poor	-30 No Coverage	-62.84 Excellent	0
25	2022-02-24 14:42:12.217	4G	1423	255	43211	-102.72 Very Poor	-22.4 No Coverage	-69.92 Very Good	0
24	2022-02-24 11:11:21.760	4G	3102	303	43211	-99.91 Poor	-30 No Coverage	-61 Excellent	0
24	2022-02-24 11:21:44.685	4G	3102	211	43211	-100.08 Very Poor	-28.83 No Coverage	-62.16 Excellent	0
24	2022-02-24 17:50:28.758	4G	3102	420	43211	-107.45 Bad	-30 No Coverage	-68 Very Good	0
24	2022-02-24 12:50:03.184	4G	3300	17	43211	-104.5 Very Poor	-30 No Coverage	-65.08 Very Good	0
24	2022-02-24 14:45:48.520	4G	3300	475	43211	-97.25 Poor	-27.79 No Coverage	-59.58 Excellent	0
24	2022-02-24 16:11:26.836	4G	3300	478	43211	-109.04 Bad	-30 No Coverage	-70.08 Good	0



22	2022-02-24 16:46:37.419	4G	3300	337	43211	-103.18 Very Poor	-30 No Coverage	-64.18 Excellent	0
22	2022-02-24 11:11:53.595	4G	3102	141	43211	-100.09 Very Poor	-30 No Coverage	-61.18 Excellent	0
22	2022-02-24 11:11:12.045	4G	3102	12	43211	-99.63 Poor	-30 No Coverage	-60.45 Excellent	0
22	2022-02-24 17:54:34.523	4G	3102	384	43211	-95.77 Poor	-30 No Coverage	-56.63 Excellent	0
22	2022-02-24 11:50:03.781	4G	3102	37	43211	-99.5 Poor	-30 No Coverage	-60.18 Excellent	0
22	2022-02-24 16:16:26.025	4G	3300	282	43211	-104 Very Poor	-30 No Coverage	-65 Excellent	0
22	2022-02-24 17:08:41.250	4G	3300	71	43211	-110.86 Very Bad	-30 No Coverage	-71.45 Good	0
22	2022-02-24 16:22:56.866	4G	3300	265	43211	-101.45 Very Poor	-30 No Coverage	-62.18 Excellent	0
22	2022-02-24 17:53:52.488	4G	3102	152	43211	-91.27 Fair	-25.95 No Coverage	-57.58 Excellent	0
21	2022-02-24 17:08:36.030	4G	1423	435	43211	-101.76 Very Poor	-21.42 Awful	-70.09 Good	0
20	2022-02-24 12:37:21.278	4G	3300	158	43211	-103.95 Very Poor	-30 No Coverage	-65.3 Very Good	0
20	2022-02-24 11:24:28.375	4G	3300	241	43211	-99.95 Poor	-30 No Coverage	-60.9 Excellent	0
20	2022-02-24 16:13:38.439	4G	3300	364	43211	-104.55 Very Poor	-30 No Coverage	-65.2 Very Good	0
20	2022-02-24 17:46:32.431	4G	3300	70	43211	-104.15 Very Poor	-30 No Coverage	-64.2 Excellent	0
20	2022-02-24 15:59:45.032	4G	3300	271	43211	-102.8 Very Poor	-29.1 No Coverage	-64.3 Excellent	0
20	2022-02-24 15:02:02.827	4G	3300	27	43211	-101 Very Poor	-28.55 No Coverage	-63.3 Excellent	0
20	2022-02-24 17:12:36.405	4G	3300	253	43211	-106.65 Bad	-30 No Coverage	-67.8 Very Good	0
20	2022-02-24 12:05:31.345	4G	3300	39	43211	-102.35 Very Poor	-30 No Coverage	-63.4 Excellent	0
20	2022-02-24 17:50:30.689	4G	3102	110	43211	-103 Very Poor	-30 No Coverage	-64 Excellent	0
20	2022-02-24 11:00:37.379	4G	3102	237	43211	-103.6 Very Poor	-30 No Coverage	-65.6 Very Good	0
20	2022-02-24 11:08:52.076	4G	3102	247	43211	-95.6 Poor	-30 No Coverage	-56.6 Excellent	0
20	2022-02-24 11:04:30.154	4G	3102	86	43211	-101.05 Very Poor	-30 No Coverage	-62.3 Excellent	0



20	2022-02-24 17:36:33.433	4G	3102	398	43211	-104.4 Very Poor	-30 No Coverage	-65.3 Very Good	0
20	2022-02-24 11:19:12.786	4G	3102	261	43211	-99.15 Poor	-30 No Coverage	-60.3 Excellent	0
20	2022-02-24 17:55:07.822	4G	3102	383	43211	-96.4 Poor	-30 No Coverage	-56.9 Excellent	0
20	2022-02-24 17:53:37.801	4G	3102	1	43211	-96.1 Poor	-30 No Coverage	-56.8 Excellent	0
20	2022-02-24 11:19:30.732	4G	3102	246	43211	-101.25 Very Poor	-30 No Coverage	-62.1 Excellent	0
20	2022-02-24 17:53:38.190	4G	3102	231	43211	-96.2 Poor	-30 No Coverage	-57.2 Excellent	0
20	2022-02-24 11:51:33.480	4G	3102	393	43211	-95.5 Poor	-30 No Coverage	-57.4 Excellent	0
20	2022-02-24 11:21:03.117	4G	3102	278	43211	-98.75 Poor	-30 No Coverage	-60 Excellent	0
20	2022-02-24 11:13:33.986	4G	3102	469	43211	-98.15 Poor	-30 No Coverage	-59.3 Excellent	0
20	2022-02-24 17:50:03.026	4G	3102	159	43211	-97.85 Poor	-30 No Coverage	-59.5 Excellent	0
20	2022-02-24 17:54:24.012	4G	3102	458	43211	-93.05 Fair	-30 No Coverage	-54.1 Excellent	0
20	2022-02-24 17:49:19.934	4G	3102	262	43211	-102.95 Very Poor	-30 No Coverage	-63.8 Excellent	0
20	2022-02-24 17:53:05.988	4G	3102	13	43211	-97.05 Poor	-30 No Coverage	-58.1 Excellent	0
20	2022-02-24 11:16:29.027	4G	3102	184	43211	-98.1 Poor	-28.05 No Coverage	-60.5 Excellent	0
20	2022-02-24 17:51:23.530	4G	3102	477	43211	-100.15 Very Poor	-30 No Coverage	-61.6 Excellent	0
20	2022-02-24 14:01:43.025	4G	3102	33	43211	-101.85 Very Poor	-30 No Coverage	-62.8 Excellent	0
20	2022-02-24 11:21:07.258	4G	3102	277	43211	-99.9 Poor	-29.3 No Coverage	-61.5 Excellent	0
20	2022-02-24 17:37:26.484	4G	3102	403	43211	-96.55 Poor	-30 No Coverage	-58.1 Excellent	0
20	2022-02-24 17:53:45.154	4G	3102	264	43211	-93.85 Fair	-30 No Coverage	-54.4 Excellent	0
20	2022-02-24 17:50:07.466	4G	3102	268	43211	-95.8 Poor	-30 No Coverage	-57 Excellent	0
20	2022-02-24 11:17:29.808	4G	3102	56	43211	-97.3 Poor	-26.75 No Coverage	-61.6 Excellent	0
20	2022-02-24 14:00:52.358	4G	1423	361	43211	-93.6 Fair	-25.9 No Coverage	-57.31 Excellent	0



20	2022-02-24 14:01:47.740	4G	3102	35	43211	-101.15 Very Poor	-30 No Coverage	-62.2 Excellent	0
20	2022-02-24 11:48:53.741	4G	3102	281	43211	-98.7 Poor	-30 No Coverage	-59.7 Excellent	0
20	2022-02-24 14:49:14.376	4G	3300	179	43211	-95.7 Poor	-30 No Coverage	-56.8 Excellent	0
20	2022-02-24 11:39:24.531	4G	3300	397	43211	-96 Poor	-30 No Coverage	-56.7 Excellent	0
20	2022-02-24 13:11:31.488	4G	3300	295	43211	-96 Poor	-28.05 No Coverage	-58.1 Excellent	0
20	2022-02-24 12:38:37.706	4G	3300	77	43211	-105.25 Bad	-30 No Coverage	-66.3 Very Good	0
20	2022-02-24 17:45:12.477	4G	3300	6	43211	-103.05 Very Poor	-29.5 No Coverage	-65.3 Very Good	0
20	2022-02-24 15:19:56.145	4G	3300	277	43211	-94 Fair	-30 No Coverage	-55.3 Excellent	0
20	2022-02-24 16:05:24.011	4G	3300	43	43211	-102.55 Very Poor	-29.35 No Coverage	-63.9 Excellent	0
20	2022-02-24 14:03:43.599	4G	3300	182	43211	-107.1 Bad	-30 No Coverage	-67.9 Very Good	0
20	2022-02-24 15:24:37.542	4G	3300	416	43211	-108.65 Bad	-29.25 No Coverage	-70.5 Good	0
20	2022-02-24 12:28:20.161	4G	3300	429	43211	-109.5 Bad	-30 No Coverage	-70.3 Good	0
20	2022-02-24 18:00:44.150	4G	3300	157	43211	-104.95 Very Poor	-30 No Coverage	-65.6 Very Good	0
20	2022-02-24 14:07:58.817	4G	3300	169	43211	-106.75 Bad	-29.4 No Coverage	-68.5 Very Good	0
20	2022-02-24 15:16:23.532	4G	3300	341	43211	-104.35 Very Poor	-28.05 No Coverage	-67.5 Very Good	0
20	2022-02-24 13:56:47.141	4G	3300	481	43211	-108.2 Bad	-29.25 No Coverage	-70 Very Good	0
20	2022-02-24 14:48:24.674	4G	3300	427	43211	-94.95 Fair	-30 No Coverage	-56.7 Excellent	0
20	2022-02-24 16:16:21.068	4G	3300	65	43211	-103.45 Very Poor	-30 No Coverage	-64.2 Excellent	0
20	2022-02-24 14:23:20.687	4G	3300	493	43211	-95.3 Poor	-30 No Coverage	-56.8 Excellent	0
20	2022-02-24 17:49:50.513	4G	3102	202	43211	-111.85 Very Bad	-30 No Coverage	-71.9 Good	0
20	2022-02-24 16:20:24.384	4G	3300	166	43211	-101.75 Very Poor	-30 No Coverage	-63 Excellent	0
20	2022-02-24 17:30:24.622	4G	3300	112	43211	-97.8 Poor	-30 No Coverage	-58.7 Excellent	0



20	2022-02-24 15:20:22.195	4G	3300	359	43211	-105.75 Bad	-30 No Coverage	-66.5 Very Good	0
20	2022-02-24 14:14:48.403	4G	3300	2	43211	-107.05 Bad	-30 No Coverage	-67.8 Very Good	0
20	2022-02-24 14:17:54.614	4G	3300	220	43211	-95.5 Poor	-30 No Coverage	-56.5 Excellent	0
20	2022-02-24 16:12:56.475	4G	3300	232	43211	-103.6 Very Poor	-30 No Coverage	-64.7 Excellent	0
20	2022-02-24 17:49:11.531	4G	3102	127	43211	-103.45 Very Poor	-26.75 No Coverage	-67.5 Very Good	0
20	2022-02-24 17:55:39.361	4G	3102	308	43211	-98.95 Poor	-30 No Coverage	-60.4 Excellent	0
20	2022-02-24 17:43:58.382	4G	3300	263	43211	-107.55 Bad	-30 No Coverage	-68.5 Very Good	0
20	2022-02-24 14:42:42.275	4G	3300	75	43211	-102 Very Poor	-29.4 No Coverage	-64.3 Excellent	0
20	2022-02-24 14:50:57.588	4G	3300	67	43211	-110.05 Very Bad	-27.7 No Coverage	-72 Good	0
20	2022-02-24 17:02:49.881	4G	3300	42	43211	-108.45 Bad	-29.1 No Coverage	-70 Very Good	0
20	2022-02-24 17:44:21.236	4G	3300	305	43211	-106.35 Bad	-30 No Coverage	-68 Very Good	0
20	2022-02-24 16:01:26.182	4G	3300	266	43211	-99.3 Poor	-29.05 No Coverage	-60.8 Excellent	0
20	2022-02-24 15:51:47.582	4G	3300	25	43211	-102.25 Very Poor	-30 No Coverage	-63.6 Excellent	0
20	2022-02-24 18:04:06.986	4G	3300	195	43211	-98.7 Poor	-30 No Coverage	-59.5 Excellent	0
20	2022-02-24 15:46:58.372	4G	3300	259	43211	-107.95 Bad	-30 No Coverage	-68.7 Very Good	0
20	2022-02-24 17:45:06.808	4G	3300	434	43211	-103.9 Very Poor	-30 No Coverage	-64.9 Excellent	0
20	2022-02-24 17:15:15.552	4G	3300	151	43211	-104.8 Very Poor	-30 No Coverage	-65.5 Very Good	0
20	2022-02-24 17:53:14.471	4G	3102	491	43211	-94.75 Fair	-30 No Coverage	-55.5 Excellent	0
20	2022-02-24 17:54:57.687	4G	3102	227	43211	-93.45 Fair	-30 No Coverage	-54.4 Excellent	0
20	2022-02-24 17:54:53.994	4G	3102	355	43211	-94.4 Fair	-30 No Coverage	-55 Excellent	0
20	2022-02-24 17:53:31.832	4G	3102	16	43211	-93.95 Fair	-30 No Coverage	-55 Excellent	0
18	2022-02-24 15:23:40.508	4G	3300	331	43211	-102.61 Very Poor	-30 No Coverage	-63.33 Excellent	0



17	2022-02-24 17:12:51.009	4G	3300	16	43211	-106.29 Bad	-29.35 No Coverage	-69.1 Very Good	0
17	2022-02-24 17:17:15.056	4G	3102	215	43211	-95.05 Poor	-19.17 Very Bad	-65.47 Very Good	0
16	2022-02-24 11:00:11.319	4G	3102	269	43211	-105.18 Bad	-30 No Coverage	-67.12 Very Good	0
16	2022-02-24 16:20:52.905	4G	3300	480	43211	-110.37 Very Bad	-29.25 No Coverage	-74 Good	0
16	2022-02-24 11:48:59.222	4G	3102	183	43211	-99.31 Poor	-30 No Coverage	-60.5 Excellent	0
16	2022-02-24 13:04:31.141	4G	1423	323	43211	-94.81 Fair	-30 No Coverage	-55.86 Excellent	0
16	2022-02-24 18:00:55.188	4G	3300	24	43211	-106.87 Bad	-30 No Coverage	-64.33 Excellent	0
16	2022-02-24 17:50:59.442	4G	3102	70	43211	-100.75 Very Poor	-30 No Coverage	-61.87 Excellent	0
15	2022-02-24 17:04:59.622	4G	3300	384	43211	-101.66 Very Poor	-30 No Coverage	-63.8 Excellent	0
14	2022-02-24 10:53:00.730	4G	3300	329	43211	-103.28 Very Poor	-28.85 No Coverage	-65 Excellent	0
14	2022-02-24 11:01:19.226	4G	3102	351	43211	-95.78 Poor	-30 No Coverage	-56 Excellent	0
14	2022-02-24 11:41:50.367	4G	3102	495	43211	-98.64 Poor	-27 No Coverage	-63.77 Excellent	0
14	2022-02-24 11:48:25.382	4G	3102	95	43211	-90.21 Fair	-30 No Coverage	-50.85 Excellent	0
14	2022-02-24 17:03:55.242	4G	3300	357	43211	-118.14 Awful	-29 No Coverage	-79.85 Fair	0
14	2022-02-24 17:50:49.361	4G	3102	381	43211	-100.14 Very Poor	-30 No Coverage	-61.42 Excellent	0
14	2022-02-24 17:52:01.385	4G	3102	121	43211	-96.14 Poor	-30 No Coverage	-57.57 Excellent	0
14	2022-02-24 17:55:21.156	4G	3102	139	43211	-93.07 Fair	-30 No Coverage	-53.85 Excellent	0
14	2022-02-24 17:55:51.333	4G	3102	36	43211	-107 Bad	-30 No Coverage	-67.42 Very Good	0
13	2022-02-24 12:57:41.058	4G	1423	175	43211	-101.69 Very Poor	-26.69 No Coverage	-66.36 Very Good	0
12	2022-02-24 11:05:05.095	4G	3102	48	43211	-99.91 Poor	-30 No Coverage	-60.83 Excellent	0
12	2022-02-24 11:12:45.700	4G	3102	83	43211	-101.25 Very Poor	-30 No Coverage	-62.16 Excellent	0
12	2022-02-24 16:06:23.946	4G	3300	22	43211	-104.66 Very Poor	-30 No Coverage	-65.7 Very Good	0



12	2022-02-24 14:00:15.226	4G	3102	142	43211	-90.58 Fair	-30 No Coverage	-52 Excellent	0
12	2022-02-24 14:08:38.242	4G	550	136	43211	-104.5 Very Poor	-19.5 Very Bad	-73.91 Good	0
12	2022-02-24 17:37:13.313	4G	3102	404	43211	-104 Very Poor	-30 No Coverage	-65.5 Very Good	0
12	2022-02-24 17:51:31.135	4G	3102	72	43211	-97.5 Poor	-30 No Coverage	-58.83 Excellent	0
11	2022-02-24 11:58:06.002	4G	1423	378	43211	-98.72 Poor	-30 No Coverage	-59.72 Excellent	0
11	2022-02-24 17:36:21.904	4G	3102	175	43211	-109.9 Bad	-29.18 No Coverage	-72 Good	0
11	2022-02-24 13:03:39.969	4G	1423	449	43211	-96.45 Poor	-28.09 No Coverage	-58.72 Excellent	0
11	2022-02-24 14:22:02.474	4G	550	338	43211	-102.27 Very Poor	-23.36 No Coverage	-68.18 Very Good	0
11	2022-02-24 15:23:36.587	4G	3102	435	43211	-95.72 Poor	-22.54 No Coverage	-63.63 Excellent	0
11	2022-02-24 17:13:02.851	4G	550	280	43211	-107.18 Bad	-22.54 No Coverage	-74.27 Good	0
11	2022-02-24 17:56:13.150	4G	1423	197	43211	-96.45 Poor	-30 No Coverage	-56.88 Excellent	0
10	2022-02-24 10:16:31.804	4G	3300	68	43211	-105 Very Poor	-30 No Coverage	-65.8 Very Good	0
10	2022-02-24 10:20:05.155	4G	3300	229	43211	-102.9 Very Poor	-30 No Coverage	-63.6 Excellent	0
10	2022-02-24 10:23:11.522	4G	3300	346	43211	-105 Very Poor	-30 No Coverage	-66 Very Good	0
10	2022-02-24 10:33:07.584	4G	3300	462	43211	-103.7 Very Poor	-25.4 No Coverage	-65.2 Very Good	0
10	2022-02-24 10:38:47.278	4G	3300	173	43211	-103.8 Very Poor	-30 No Coverage	-64.6 Excellent	0
10	2022-02-24 10:55:04.921	4G	3300	115	43211	-104.2 Very Poor	-30 No Coverage	-65.2 Very Good	0
10	2022-02-24 10:55:30.629	4G	3300	53	43211	-101.5 Very Poor	-30 No Coverage	-62.6 Excellent	0
10	2022-02-24 10:58:32.837	4G	3102	248	43211	-105.1 Bad	-30 No Coverage	-66.2 Very Good	0
10	2022-02-24 10:58:36.755	4G	3102	285	43211	-106.2 Bad	-30 No Coverage	-67.4 Very Good	0
10	2022-02-24 10:58:56.796	4G	3102	402	43211	-106.6 Bad	-30 No Coverage	-67.2 Very Good	0
10	2022-02-24 10:59:05.378	4G	3102	233	43211	-106.7 Bad	-30 No Coverage	-67.2 Very Good	0



10	2022-02-24 10:59:21.932	4G	3102	318	43211	-104.8 Very Poor	-30 No Coverage	-65.6 Very Good	0
10	2022-02-24 10:59:45.400	4G	3102	239	43211	-105.1 Bad	-28.9 No Coverage	-67.2 Very Good	0
10	2022-02-24 10:59:46.232	4G	3102	389	43211	-106.1 Bad	-30 No Coverage	-66.8 Very Good	0
10	2022-02-24 10:59:57.090	4G	3102	176	43211	-108.4 Bad	-30 No Coverage	-69.8 Very Good	0
10	2022-02-24 11:00:06.406	4G	3102	135	43211	-106.9 Bad	-30 No Coverage	-67.6 Very Good	0
10	2022-02-24 11:00:10.077	4G	3102	406	43211	-106.7 Bad	-30 No Coverage	-67.4 Very Good	0
10	2022-02-24 11:00:13.929	4G	3102	501	43211	-105.6 Bad	-30 No Coverage	-66.2 Very Good	0
10	2022-02-24 11:00:24.380	4G	3102	341	43211	-103.6 Very Poor	-30 No Coverage	-64.2 Excellent	0
10	2022-02-24 11:00:35.716	4G	3102	489	43211	-99.2 Poor	-30 No Coverage	-60.2 Excellent	0
10	2022-02-24 11:00:38.693	4G	3102	46	43211	-98.4 Poor	-30 No Coverage	-59.4 Excellent	0
10	2022-02-24 11:01:24.010	4G	3102	41	43211	-96.9 Poor	-28.6 No Coverage	-58.2 Excellent	0
10	2022-02-24 11:01:29.972	4G	3102	34	43211	-98.4 Poor	-25.6 No Coverage	-62.8 Excellent	0
10	2022-02-24 11:01:38.164	4G	3102	295	43211	-101.1 Very Poor	-30 No Coverage	-62.4 Excellent	0
10	2022-02-24 11:01:53.257	4G	3102	249	43211	-100.2 Very Poor	-30 No Coverage	-61.4 Excellent	0
10	2022-02-24 11:02:01.593	4G	3102	297	43211	-99 Poor	-30 No Coverage	-60 Excellent	0
10	2022-02-24 11:02:04.168	4G	3102	366	43211	-99 Poor	-30 No Coverage	-59.8 Excellent	0
10	2022-02-24 11:02:15.819	4G	3102	60	43211	-100.8 Very Poor	-30 No Coverage	-61.2 Excellent	0
10	2022-02-24 11:02:33.114	4G	3102	51	43211	-101 Very Poor	-30 No Coverage	-61.6 Excellent	0
10	2022-02-24 11:02:43.806	4G	3102	461	43211	-100.2 Very Poor	-30 No Coverage	-61.2 Excellent	0
10	2022-02-24 11:03:04.534	4G	3102	4	43211	-100.9 Very Poor	-30 No Coverage	-61.6 Excellent	0
10	2022-02-24 11:03:31.113	4G	3102	330	43211	-94.9 Fair	-25.4 No Coverage	-60 Excellent	0
10	2022-02-24 11:03:51.575	4G	3102	263	43211	-99.3 Poor	-30 No Coverage	-60.6 Excellent	0



10	2022-02-24 11:04:05.442	4G	3102	487	43211	-97.8 Poor	-30 No Coverage	-59 Excellent	0
10	2022-02-24 11:04:16.180	4G	3102	130	43211	-99.8 Poor	-30 No Coverage	-61 Excellent	0
10	2022-02-24 11:04:40.097	4G	3102	503	43211	-101 Very Poor	-30 No Coverage	-61.8 Excellent	0
10	2022-02-24 11:04:44.366	4G	3102	378	43211	-99.3 Poor	-30 No Coverage	-60.6 Excellent	0
10	2022-02-24 11:05:02.807	4G	3102	407	43211	-101 Very Poor	-30 No Coverage	-62.2 Excellent	0
10	2022-02-24 11:05:04.251	4G	3102	432	43211	-101.9 Very Poor	-30 No Coverage	-62.6 Excellent	0
10	2022-02-24 11:05:48.086	4G	3102	182	43211	-98.7 Poor	-30 No Coverage	-59.6 Excellent	0
10	2022-02-24 11:06:43.780	4G	3102	478	43211	-96.4 Poor	-30 No Coverage	-57.8 Excellent	0
10	2022-02-24 11:07:21.067	4G	3102	282	43211	-95.3 Poor	-30 No Coverage	-56.6 Excellent	0
10	2022-02-24 11:07:26.296	4G	3102	42	43211	-93.2 Fair	-25.2 No Coverage	-55.4 Excellent	0
10	2022-02-24 11:09:43.417	4G	3102	43	43211	-95.9 Poor	-30 No Coverage	-56.8 Excellent	0
10	2022-02-24 11:10:34.905	4G	3102	66	43211	-99.2 Poor	-30 No Coverage	-60.8 Excellent	0
10	2022-02-24 11:10:36.378	4G	3102	138	43211	-102.4 Very Poor	-30 No Coverage	-63.8 Excellent	0
10	2022-02-24 11:10:45.369	4G	3102	69	43211	-101 Very Poor	-30 No Coverage	-62 Excellent	0
10	2022-02-24 11:10:57.140	4G	3102	460	43211	-99.2 Poor	-28.5 No Coverage	-61.2 Excellent	0
10	2022-02-24 11:11:06.714	4G	3102	131	43211	-101.5 Very Poor	-30 No Coverage	-62 Excellent	0
10	2022-02-24 11:11:15.233	4G	3102	198	43211	-98.9 Poor	-30 No Coverage	-60.2 Excellent	0
10	2022-02-24 11:11:47.766	4G	3102	397	43211	-95.7 Poor	-26.1 No Coverage	-59 Excellent	0
10	2022-02-24 11:11:53.366	4G	3102	416	43211	-98.4 Poor	-28.6 No Coverage	-60.6 Excellent	0
10	2022-02-24 11:11:56.892	4G	3102	45	43211	-99.4 Poor	-30 No Coverage	-60.6 Excellent	0
10	2022-02-24 11:11:58.142	4G	3102	124	43211	-98.4 Poor	-30 No Coverage	-59.8 Excellent	0
10	2022-02-24 11:11:59.771	4G	3102	187	43211	-99.7 Poor	-30 No Coverage	-60.4 Excellent	0



10	2022-02-24 11:12:17.700	4G	3102	296	43211	-100 Poor	-30 No Coverage	-60.8 Excellent	0
10	2022-02-24 11:12:23.181	4G	3102	304	43211	-97.7 Poor	-30 No Coverage	-58.4 Excellent	0
10	2022-02-24 11:12:28.400	4G	3102	356	43211	-96.9 Poor	-30 No Coverage	-57.6 Excellent	0
10	2022-02-24 11:12:29.370	4G	3102	471	43211	-97.7 Poor	-30 No Coverage	-58.4 Excellent	0
10	2022-02-24 11:12:58.772	4G	3102	422	43211	-99.2 Poor	-30 No Coverage	-60.4 Excellent	0
10	2022-02-24 11:13:02.405	4G	3102	147	43211	-101.1 Very Poor	-30 No Coverage	-61.6 Excellent	0
10	2022-02-24 11:13:41.551	4G	3102	424	43211	-100.8 Very Poor	-30 No Coverage	-62 Excellent	0
10	2022-02-24 11:13:49.642	4G	3102	223	43211	-102 Very Poor	-30 No Coverage	-62.6 Excellent	0
10	2022-02-24 11:13:58.668	4G	3102	220	43211	-98.9 Poor	-30 No Coverage	-59.8 Excellent	0
10	2022-02-24 11:14:31.550	4G	3102	229	43211	-98.1 Poor	-30 No Coverage	-59.2 Excellent	0
10	2022-02-24 11:14:36.436	4G	3102	164	43211	-97.9 Poor	-30 No Coverage	-58.8 Excellent	0
10	2022-02-24 11:14:51.389	4G	3102	123	43211	-99.2 Poor	-30 No Coverage	-60 Excellent	0
10	2022-02-24 11:14:54.100	4G	3102	15	43211	-97.9 Poor	-30 No Coverage	-58.8 Excellent	0
10	2022-02-24 11:15:05.467	4G	3102	449	43211	-98.3 Poor	-28.9 No Coverage	-60.4 Excellent	0
10	2022-02-24 11:15:07.753	4G	3102	283	43211	-98.8 Poor	-30 No Coverage	-59.6 Excellent	0
10	2022-02-24 11:15:35.569	4G	3102	106	43211	-100.9 Very Poor	-30 No Coverage	-61.8 Excellent	0
10	2022-02-24 11:15:47.341	4G	3102	156	43211	-98.5 Poor	-30 No Coverage	-60.2 Excellent	0
10	2022-02-24 11:16:06.877	4G	3102	91	43211	-92.4 Fair	-30 No Coverage	-54.2 Excellent	0
10	2022-02-24 11:16:41.687	4G	3102	167	43211	-101.8 Very Poor	-30 No Coverage	-62.6 Excellent	0
10	2022-02-24 11:16:50.038	4G	3102	400	43211	-99.2 Poor	-30 No Coverage	-60.4 Excellent	0
10	2022-02-24 11:16:53.813	4G	3102	496	43211	-99.3 Poor	-30 No Coverage	-60.8 Excellent	0
10	2022-02-24 11:16:55.719	4G	3102	228	43211	-100.4 Very Poor	-30 No Coverage	-61 Excellent	0



10	2022-02-24 11:16:59.945	4G	3102	468	43211	-102.8 Very Poor	-30 No Coverage	-63.6 Excellent	0
10	2022-02-24 11:17:06.387	4G	3102	40	43211	-103.2 Very Poor	-29 No Coverage	-64.4 Excellent	0
10	2022-02-24 11:17:10.827	4G	3102	347	43211	-103.7 Very Poor	-30 No Coverage	-64.4 Excellent	0
10	2022-02-24 11:17:37.779	4G	3102	118	43211	-99.9 Poor	-30 No Coverage	-60.8 Excellent	0
10	2022-02-24 11:17:44.621	4G	3102	160	43211	-101.5 Very Poor	-30 No Coverage	-62 Excellent	0
10	2022-02-24 11:18:22.898	4G	3102	232	43211	-101.1 Very Poor	-30 No Coverage	-62 Excellent	0
10	2022-02-24 11:18:24.558	4G	3102	221	43211	-101.5 Very Poor	-30 No Coverage	-62.6 Excellent	0
10	2022-02-24 11:18:33.329	4G	3102	357	43211	-102.4 Very Poor	-30 No Coverage	-63.2 Excellent	0
10	2022-02-24 11:18:36.832	4G	3102	391	43211	-99.9 Poor	-30 No Coverage	-60.8 Excellent	0
10	2022-02-24 11:19:39.358	4G	3102	73	43211	-100.2 Very Poor	-30 No Coverage	-61.4 Excellent	0
10	2022-02-24 11:19:43.066	4G	3102	276	43211	-100 Poor	-30 No Coverage	-61 Excellent	0
10	2022-02-24 11:20:08.523	4G	3102	196	43211	-100.3 Very Poor	-30 No Coverage	-61.2 Excellent	0
10	2022-02-24 11:21:25.645	4G	3102	129	43211	-98.7 Poor	-28.4 No Coverage	-60.6 Excellent	0
10	2022-02-24 11:21:46.116	4G	3102	226	43211	-99.4 Poor	-30 No Coverage	-60.6 Excellent	0
10	2022-02-24 11:23:52.255	4G	3300	160	43211	-96.6 Poor	-30 No Coverage	-57.6 Excellent	0
10	2022-02-24 11:26:04.760	4G	3300	76	43211	-98.5 Poor	-30 No Coverage	-59 Excellent	0
10	2022-02-24 11:26:33.105	4G	3300	140	43211	-99.7 Poor	-30 No Coverage	-61 Excellent	0
10	2022-02-24 11:46:49.446	4G	3300	106	43211	-108.9 Bad	-30 No Coverage	-70.2 Good	0
10	2022-02-24 11:48:17.628	4G	3102	475	43211	-92.1 Fair	-30 No Coverage	-52.6 Excellent	0
10	2022-02-24 11:48:39.584	4G	3102	480	43211	-99.1 Poor	-30 No Coverage	-59.6 Excellent	0
10	2022-02-24 11:48:46.698	4G	3102	320	43211	-96.8 Poor	-30 No Coverage	-57.6 Excellent	0
10	2022-02-24 11:49:03.792	4G	3102	27	43211	-93.2 Fair	-30 No Coverage	-54.2 Excellent	0



10	2022-02-24 11:50:19.294	4G	3102	194	43211	-95.8 Poor	-30 No Coverage	-56.6 Excellent	0
10	2022-02-24 11:50:49.218	4G	3102	331	43211	-96.8 Poor	-30 No Coverage	-57.6 Excellent	0
10	2022-02-24 11:51:01.039	4G	3102	502	43211	-96.6 Poor	-30 No Coverage	-57.8 Excellent	0
10	2022-02-24 11:56:23.287	4G	3300	122	43211	-102.3 Very Poor	-30 No Coverage	-62.6 Excellent	0
10	2022-02-24 11:59:48.223	4G	550	130	43211	-100.2 Very Poor	-30 No Coverage	-61.4 Excellent	0
10	2022-02-24 11:59:48.299	4G	550	390	43211	-101.5 Very Poor	-30 No Coverage	-62.8 Excellent	0
10	2022-02-24 12:00:52.922	4G	550	334	43211	-101 Very Poor	-30 No Coverage	-62 Excellent	0
10	2022-02-24 12:23:03.970	4G	3300	172	43211	-105.8 Bad	-30 No Coverage	-66.6 Very Good	0
10	2022-02-24 12:26:42.202	4G	3300	351	43211	-107.4 Bad	-30 No Coverage	-68.8 Very Good	0
10	2022-02-24 12:35:34.892	4G	3300	184	43211	-108.7 Bad	-30 No Coverage	-69.6 Very Good	0
10	2022-02-24 12:40:26.401	4G	3300	156	43211	-105.7 Bad	-30 No Coverage	-66.6 Very Good	0
10	2022-02-24 13:00:35.190	4G	1423	31	43211	-107.1 Bad	-30 No Coverage	-68 Very Good	0
10	2022-02-24 13:03:17.440	4G	3102	23	43211	-106.7 Bad	-30 No Coverage	-67.6 Very Good	0
10	2022-02-24 13:03:19.395	4G	3102	219	43211	-107.8 Bad	-30 No Coverage	-68.4 Very Good	0
10	2022-02-24 13:07:02.556	4G	3300	370	43211	-102.7 Very Poor	-28.6 No Coverage	-63.8 Excellent	0
10	2022-02-24 13:26:12.405	4G	3300	467	43211	-92 Fair	-30 No Coverage	-52.6 Excellent	0
10	2022-02-24 14:00:21.252	4G	3102	165	43211	-98 Poor	-30 No Coverage	-59 Excellent	0
10	2022-02-24 14:02:16.972	4G	3102	3	43211	-103.5 Very Poor	-30 No Coverage	-64.6 Excellent	0
10	2022-02-24 14:02:48.653	4G	3102	306	43211	-99 Poor	-24.8 No Coverage	-60.4 Excellent	0
10	2022-02-24 14:02:50.896	4G	3102	442	43211	-99.7 Poor	-30 No Coverage	-60.6 Excellent	0
10	2022-02-24 14:08:58.150	4G	3300	100	43211	-110.7 Very Bad	-30 No Coverage	-71.8 Good	0
10	2022-02-24 14:32:35.060	4G	3300	142	43211	-101 Very Poor	-30 No Coverage	-62 Excellent	0



10	2022-02-24 15:24:59.909	4G	550	47	43211	-100.3 Very Poor	-30 No Coverage	-62 Excellent	0
10	2022-02-24 15:25:00.435	4G	550	123	43211	-95.9 Poor	-30 No Coverage	-56.2 Excellent	0
10	2022-02-24 15:25:02.196	4G	550	362	43211	-98.6 Poor	-30 No Coverage	-58 Excellent	0
10	2022-02-24 15:37:55.383	4G	3300	389	43211	-118.8 Awful	-30 No Coverage	-79.6 Fair	0
10	2022-02-24 15:43:25.424	4G	3300	308	43211	-113.5 Very Bad	-30 No Coverage	-74.4 Good	0
10	2022-02-24 15:53:28.675	4G	550	285	43211	-101.2 Very Poor	-28.6 No Coverage	-62.8 Excellent	0
10	2022-02-24 15:53:38.246	4G	550	432	43211	-95.8 Poor	-30 No Coverage	-56.8 Excellent	0
10	2022-02-24 15:53:44.081	4G	550	378	43211	-100.1 Very Poor	-30 No Coverage	-61.2 Excellent	0
10	2022-02-24 15:53:51.483	4G	550	291	43211	-100.9 Very Poor	-30 No Coverage	-61.6 Excellent	0
10	2022-02-24 16:05:42.094	4G	3300	79	43211	-101.4 Very Poor	-30 No Coverage	-62.4 Excellent	0
10	2022-02-24 16:14:05.536	4G	3300	382	43211	-102.6 Very Poor	-30 No Coverage	-64 Excellent	0
10	2022-02-24 16:17:19.321	4G	3300	502	43211	-102.8 Very Poor	-30 No Coverage	-63.6 Excellent	0
10	2022-02-24 16:21:09.849	4G	3300	235	43211	-102.1 Very Poor	-30 No Coverage	-63 Excellent	0
10	2022-02-24 17:06:35.570	4G	3300	237	43211	-97.1 Poor	-30 No Coverage	-57.8 Excellent	0
10	2022-02-24 17:08:20.505	4G	3300	162	43211	-92 Fair	-30 No Coverage	-52.6 Excellent	0
10	2022-02-24 17:20:41.281	4G	3300	334	43211	-104.9 Very Poor	-30 No Coverage	-65.6 Very Good	0
10	2022-02-24 17:21:16.777	4G	3300	353	43211	-102.7 Very Poor	-30 No Coverage	-63.4 Excellent	0
10	2022-02-24 17:26:50.841	4G	3300	322	43211	-93.2 Fair	-30 No Coverage	-53.8 Excellent	0
10	2022-02-24 17:35:08.146	4G	3102	328	43211	-99.2 Poor	-30 No Coverage	-60.4 Excellent	0
10	2022-02-24 17:35:08.359	4G	3102	24	43211	-98.5 Poor	-30 No Coverage	-59.4 Excellent	0
10	2022-02-24 17:35:31.582	4G	3102	459	43211	-97.9 Poor	-30 No Coverage	-58.8 Excellent	0
10	2022-02-24 17:36:18.968	4G	3102	205	43211	-110.6 Very Bad	-30 No Coverage	-71.4 Good	0



10	2022-02-24 17:36:42.790	4G	3102	85	43211	-109 Bad	-30 No Coverage	-70 Very Good	0
10	2022-02-24 17:36:53.805	4G	3102	6	43211	-109.1 Bad	-30 No Coverage	-69.8 Very Good	0
10	2022-02-24 17:36:58.895	4G	3102	287	43211	-110.1 Very Bad	-30 No Coverage	-71.2 Good	0
10	2022-02-24 17:36:59.417	4G	3102	473	43211	-109.7 Bad	-30 No Coverage	-71.2 Good	0
10	2022-02-24 17:36:59.755	4G	3102	104	43211	-111.1 Very Bad	-30 No Coverage	-72.8 Good	0
10	2022-02-24 17:37:48.086	4G	3102	270	43211	-96.6 Poor	-30 No Coverage	-56.8 Excellent	0
10	2022-02-24 17:46:07.375	4G	3300	424	43211	-105.2 Bad	-30 No Coverage	-66.6 Very Good	0
10	2022-02-24 17:48:06.179	4G	3300	358	43211	-104.6 Very Poor	-30 No Coverage	-65 Excellent	0
10	2022-02-24 17:49:16.378	4G	3102	94	43211	-107.9 Bad	-30 No Coverage	-68.8 Very Good	0
10	2022-02-24 17:49:24.270	4G	3102	427	43211	-108.8 Bad	-30 No Coverage	-69.6 Very Good	0
10	2022-02-24 17:50:10.356	4G	3102	352	43211	-101.2 Very Poor	-30 No Coverage	-62.4 Excellent	0
10	2022-02-24 17:51:03.398	4G	3102	421	43211	-99.7 Poor	-30 No Coverage	-60.6 Excellent	0
10	2022-02-24 17:51:29.671	4G	3102	292	43211	-98.2 Poor	-30 No Coverage	-58.6 Excellent	0
10	2022-02-24 17:52:16.138	4G	3102	87	43211	-96.6 Poor	-30 No Coverage	-57.4 Excellent	0
10	2022-02-24 17:52:24.668	4G	3102	365	43211	-91.8 Fair	-30 No Coverage	-52.8 Excellent	0
10	2022-02-24 17:52:41.789	4G	3102	186	43211	-92 Fair	-30 No Coverage	-53.2 Excellent	0
10	2022-02-24 17:52:44.388	4G	3102	111	43211	-89.3 Good	-30 No Coverage	-50.6 Excellent	0
10	2022-02-24 17:53:04.109	4G	3102	499	43211	-96 Poor	-30 No Coverage	-57.6 Excellent	0
10	2022-02-24 17:53:08.044	4G	3102	181	43211	-95.2 Poor	-30 No Coverage	-56.2 Excellent	0
10	2022-02-24 17:53:45.500	4G	3102	18	43211	-92.1 Fair	-30 No Coverage	-53 Excellent	0
10	2022-02-24 17:53:45.654	4G	3102	112	43211	-90.6 Fair	-30 No Coverage	-52 Excellent	0
10	2022-02-24 17:53:52.281	4G	3102	291	43211	-89.3 Good	-30 No Coverage	-49.8 Excellent	0



10	2022-02-24 17:54:07.003	4G	3102	408	43211	-85.1 Good	-30 No Coverage	-46.2 Excellent	0
10	2022-02-24 17:54:11.773	4G	3102	79	43211	-89 Good	-30 No Coverage	-49.4 Excellent	0
10	2022-02-24 17:54:33.891	4G	3102	251	43211	-88.9 Good	-30 No Coverage	-49.4 Excellent	0
10	2022-02-24 17:54:56.552	4G	3102	298	43211	-92.8 Fair	-30 No Coverage	-54.2 Excellent	0
10	2022-02-24 17:55:15.280	4G	3102	500	43211	-91.4 Fair	-30 No Coverage	-53.4 Excellent	0
8	2022-02-24 12:58:53.176	4G	1423	177	43211	-100.37 Very Poor	-30 No Coverage	-61.37 Excellent	0
8	2022-02-24 15:43:53.723	4G	1423	476	43211	-111.37 Very Bad	-22.12 No Coverage	-79 Fair	0
7	2022-02-24 14:03:21.103	4G	1423	299	43211	-92.57 Fair	-30 No Coverage	-53.57 Excellent	0
7	2022-02-24 14:07:54.589	4G	1423	136	43211	-96.71 Poor	-19.85 Very Bad	-66.57 Very Good	0
7	2022-02-24 14:21:36.002	4G	550	104	43211	-104.85 Very Poor	-30 No Coverage	-65.71 Very Good	0
6	2022-02-24 11:41:36.242	4G	550	496	43211	-104.83 Very Poor	-22.16 No Coverage	-72.5 Good	0
6	2022-02-24 12:44:55.806	4G	550	449	43211	-103.5 Very Poor	-25 No Coverage	-69.16 Very Good	0
6	2022-02-24 12:50:58.055	4G	1423	135	43211	-82.5 Very Good	-24.66 No Coverage	-47.16 Excellent	0
6	2022-02-24 12:59:45.159	4G	1423	347	43211	-96.16 Poor	-30 No Coverage	-56.8 Excellent	0
6	2022-02-24 14:01:09.374	4G	1423	21	43211	-93.16 Fair	-30 No Coverage	-54.16 Excellent	0
6	2022-02-24 14:07:55.283	4G	550	137	43211	-109.33 Bad	-23.5 No Coverage	-75 Good	0
6	2022-02-24 14:20:58.950	4G	1423	104	43211	-100.83 Very Poor	-26.16 No Coverage	-64 Excellent	0
6	2022-02-24 14:30:20.030	4G	1423	380	43211	-100.5 Very Poor	-22.83 No Coverage	-67.83 Very Good	0
6	2022-02-24 15:21:07.841	4G	550	87	43211	-108.5 Bad	-26.83 No Coverage	-72.5 Good	0
6	2022-02-24 15:37:43.067	4G	1423	332	43211	-109.83 Bad	-23 No Coverage	-76.66 Fair	0
6	2022-02-24 15:43:53.554	4G	1423	28	43211	-106 Bad	-21 Awful	-75.5 Fair	0
6	2022-02-24 17:10:46.675	4G	550	93	43211	-102 Very Poor	-23.5 No Coverage	-65.5 Very Good	0



6	2022-02-24 17:17:09.290	4G	550	215	43211	-101.66 Very Poor	-23 No Coverage	-69 Very Good	0
5	2022-02-24 11:07:25.262	4G	3102	145	43211	-94.2 Fair	-30 No Coverage	-55.2 Excellent	0
5	2022-02-24 11:53:07.695	4G	1423	110	43211	-92.8 Fair	-28.2 No Coverage	-54.8 Excellent	0
5	2022-02-24 11:57:24.135	4G	1423	234	43211	-95.2 Poor	-30 No Coverage	-56.2 Excellent	0
5	2022-02-24 12:58:42.159	4G	1423	261	43211	-100.6 Very Poor	-30 No Coverage	-61.6 Excellent	0
5	2022-02-24 12:58:42.710	4G	1423	499	43211	-103 Very Poor	-30 No Coverage	-64 Excellent	0
5	2022-02-24 12:59:51.318	4G	1423	287	43211	-95.6 Poor	-30 No Coverage	-56.6 Excellent	0
5	2022-02-24 13:02:29.755	4G	1423	274	43211	-101.6 Very Poor	-28.4 No Coverage	-63.8 Excellent	0
5	2022-02-24 13:04:21.822	4G	1423	434	43211	-94.4 Fair	-30 No Coverage	-55.4 Excellent	0
5	2022-02-24 14:01:16.420	4G	1423	467	43211	-93.4 Fair	-30 No Coverage	-54.4 Excellent	0
5	2022-02-24 14:03:11.268	4G	1423	391	43211	-106.6 Bad	-30 No Coverage	-68 Very Good	0
5	2022-02-24 14:03:19.273	4G	1423	414	43211	-94.8 Fair	-30 No Coverage	-55.6 Excellent	0
5	2022-02-24 14:07:46.767	4G	550	255	43211	-109.6 Bad	-22 Awful	-77 Fair	0
5	2022-02-24 15:25:38.261	4G	550	226	43211	-106 Bad	-27.6 No Coverage	-69.2 Very Good	0
5	2022-02-24 16:26:22.703	4G	1423	102	43211	-100.4 Very Poor	-30 No Coverage	-61.2 Excellent	0
5	2022-02-24 17:03:37.767	4G	550	330	43211	-103.2 Very Poor	-21.8 Awful	-71.2 Good	0
5	2022-02-24 17:32:07.498	4G	1423	423	43211	-98.6 Poor	-28.2 No Coverage	-61.2 Excellent	0
5	2022-02-24 17:32:34.044	4G	1423	259	43211	-97.8 Poor	-30 No Coverage	-58.8 Excellent	0
5	2022-02-24 17:32:51.381	4G	1423	291	43211	-92.4 Fair	-30 No Coverage	-53.4 Excellent	0
5	2022-02-24 17:34:13.683	4G	1423	211	43211	-86 Good	-28.4 No Coverage	-48.4 Excellent	0
5	2022-02-24 17:37:56.527	4G	1423	275	43211	-94.8 Fair	-30 No Coverage	-55.6 Excellent	0
5	2022-02-24 17:38:56.424	4G	1423	442	43211	-104.8 Very Poor	-30 No Coverage	-65.8 Very Good	0



5	2022-02-24 17:40:45.149	4G	1423	73	43211	-100.6 Very Poor	-30 No Coverage	-61.5 Excellent	0
5	2022-02-24 17:40:54.452	4G	1423	170	43211	-94 Fair	-30 No Coverage	-55 Excellent	0
5	2022-02-24 17:43:18.122	4G	1423	372	43211	-92.2 Fair	-22.4 No Coverage	-59.8 Excellent	0
5	2022-02-24 17:48:42.663	4G	1423	311	43211	-101.2 Very Poor	-28.8 No Coverage	-63.4 Excellent	0
4	2022-02-24 13:00:29.598	4G	1423	384	43211	-105.25 Bad	-30 No Coverage	-66.5 Very Good	0
4	2022-02-24 17:32:01.096	4G	1423	130	43211	-97 Poor	-30 No Coverage	-58.33 Excellent	0
4	2022-02-24 15:23:36.989	4G	1423	420	43211	-102.5 Very Poor	-22.5 No Coverage	-69.25 Very Good	0
4	2022-02-24 17:38:28.433	4G	1423	399	43211	-97.75 Poor	-30 No Coverage	-58.75 Excellent	0
3	2022-02-24 14:11:21.987	4G	550	207	43211	-101.33 Very Poor	-21 Awful	-70.66 Good	0
3	2022-02-24 15:33:41.437	4G	550	117	43211	-115 Very Bad	-21 Awful	-81.33 Fair	0
3	2022-02-24 17:04:00.159	4G	550	212	43211	-107 Bad	-20 Very Bad	-74.33 Good	0
3	2022-02-24 17:31:57.141	4G	1423	221	43211	-101.66 Very Poor	-29 No Coverage	-63.5 Excellent	0
2	2022-02-24 13:00:31.808	4G	1423	320	43211	-108 Bad	-30 No Coverage	-69 Very Good	0
2	2022-02-24 14:03:15.202	4G	1423	230	43211	-97 Poor	-26 No Coverage	-61 Excellent	0
2	2022-02-24 14:44:28.564	4G	1423	338	43211	-95.5 Poor	-20.5 Awful	-66 Very Good	0
1	2022-02-24 11:21:53.531	4G	1423	362	43211	-98 Poor	-30 No Coverage	-59 Excellent	0
1	2022-02-24 14:03:13.098	4G	1423	428	43211	-103 Very Poor	-30 No Coverage	-64 Excellent	0
1	2022-02-24 14:03:15.168	4G	1423	240	43211	-101 Very Poor	-30 No Coverage	-62 Excellent	0
1	2022-02-24 16:26:15.124	4G	1423	152	43211	-98 Poor	-30 No Coverage	-59 Excellent	0
1	2022-02-24 17:38:45.057	4G	1423	5	43211	-103 Very Poor	-30 No Coverage	-64 Excellent	0
1	2022-02-24 17:39:21.104	4G	1423	365	43211	-108 Bad	-30 No Coverage	-69 Very Good	0
1	2022-02-24 17:39:45.119	4G	1423	330	43211	-105 Very Poor	-30 No Coverage	-66 Very Good	0



Table 6.3: Scan results for Serving and Neighbor cell in 4G

Count	Timestamp	T	ARFCN	PCI	PLMN Id	RSRP	RSRQ	RSSI	SINR
8620	2022-02-24 18:02:42.840	4G	3300	375	43211	-102.05 Very Poor	-22.44 No Coverage	-68.39 Very Good	0
8012	2022-02-24 18:09:27.934	4G	3300	376	43211	-97.5 Poor	-23.83 No Coverage	-62.58 Excellent	0
7226	2022-02-24 15:28:07.749	4G	3300	440	43211	-101.75 Very Poor	-22.47 No Coverage	-68.27 Very Good	0
7089	2022-02-24 16:27:18.410	4G	3300	483	43211	-98.42 Poor	-19.01 Very Bad	-66.79 Very Good	0
6636	2022-02-24 17:27:58.885	4G	3300	419	43211	-101.85 Very Poor	-22.93 No Coverage	-67.87 Very Good	0
5969	2022-02-24 18:09:51.247	4G	3300	189	43211	-94.96 Fair	-22.66 No Coverage	-60.99 Excellent	0
5616	2022-02-24 17:31:37.783	4G	3300	485	43211	-95.1 Poor	-20.69 Awful	-62.42 Excellent	0
5615	2022-02-24 17:44:12.165	4G	3300	59	43211	-100.99 Very Poor	-21.06 Awful	-68.09 Very Good	0
5477	2022-02-24 17:11:16.091	4G	3300	300	43211	-95.79 Poor	-22.07 No Coverage	-62.26 Excellent	0
5438	2022-02-24 18:09:51.247	4G	3300	98	43211	-97.01 Poor	-21.18 Awful	-64.11 Excellent	0
5274	2022-02-24 18:09:48.812	4G	3300	191	43211	-97.74 Poor	-25.35 No Coverage	-62.1 Excellent	0
5240	2022-02-24 18:09:52.690	4G	3300	97	43211	-94.22 Fair	-20.69 Awful	-61.45 Excellent	0
4942	2022-02-24 18:03:28.944	4G	3300	222	43211	-100.95 Very Poor	-24.94 No Coverage	-65.18 Very Good	0
4829	2022-02-24 17:20:25.568	4G	3300	133	43211	-101.67 Very Poor	-22.38 No Coverage	-67.96 Very Good	0
4296	2022-02-24 18:09:51.247	4G	3300	96	43211	-92.98 Fair	-22.6 No Coverage	-59.01 Excellent	0
4281	2022-02-24 18:09:53.317	4G	3300	190	43211	-94.9 Fair	-22.55 No Coverage	-61.03 Excellent	0
4065	2022-02-24 18:09:47.679	4G	3300	444	43211	-93.27 Fair	-19.21 Very Bad	-61.13 Excellent	0
4036	2022-02-24 18:03:07.343	4G	3300	315	43211	-92.9 Fair	-18.89 Very Bad	-61.28 Excellent	0
3887	2022-02-24 17:02:27.145	4G	3300	302	43211	-95.3 Poor	-21.83 Awful	-62.06 Excellent	0
3787	2022-02-24 16:14:55.721	4G	3300	456	43211	-91.12 Fair	-18.94 Very Bad	-59.92 Excellent	0



3650	2022-02-24 14:57:03.304	4G	3300	57	43211	-101.49 Very Poor	-24.2 No Coverage	-66.33 Very Good	0
3609	2022-02-24 14:57:56.440	4G	3300	301	43211	-94.85 Fair	-19.1 Very Bad	-63.52 Excellent	0
3263	2022-02-24 17:28:01.155	4G	3300	218	43211	-95.6 Poor	-22.2 No Coverage	-62.23 Excellent	0
3234	2022-02-24 17:49:46.862	4G	3300	342	43211	-90.21 Fair	-18.52 Very Bad	-59.3 Excellent	0
3223	2022-02-24 18:09:21.276	4G	3300	484	43211	-95.02 Poor	-23.58 No Coverage	-60.48 Excellent	0
3199	2022-02-24 18:01:05.163	4G	3300	377	43211	-95.53 Poor	-24.21 No Coverage	-60.76 Excellent	0
3175	2022-02-24 17:59:52.058	4G	3300	446	43211	-98.02 Poor	-22.3 No Coverage	-64.65 Excellent	0
3154	2022-02-24 14:58:23.210	4G	3300	438	43211	-99.77 Poor	-22.89 No Coverage	-65.74 Very Good	0
3101	2022-02-24 15:39:37.436	4G	3300	417	43211	-95.31 Poor	-19.8 Very Bad	-62.99 Excellent	0
3091	2022-02-24 17:27:52.278	4G	3300	216	43211	-99.64 Poor	-24.78 No Coverage	-64.16 Excellent	0
3041	2022-02-24 15:48:11.826	4G	3300	289	43211	-94.95 Fair	-19.67 Very Bad	-63.36 Excellent	0
2982	2022-02-24 17:15:09.811	4G	3300	217	43211	-91.59 Fair	-18.29 Very Bad	-60.18 Excellent	0
2860	2022-02-24 14:55:13.991	4G	3300	454	43211	-92.06 Fair	-21.89 Awful	-59.2 Excellent	0
2761	2022-02-24 14:55:07.191	4G	3300	411	43211	-95.74 Poor	-21.72 Awful	-62.36 Excellent	0
2406	2022-02-24 16:52:12.049	4G	3300	132	43211	-101.9 Very Poor	-20.92 Awful	-68.41 Very Good	0
2336	2022-02-24 17:46:55.508	4G	3300	439	43211	-99.42 Poor	-25.42 No Coverage	-63.61 Excellent	0
2253	2022-02-24 17:58:05.240	4G	3300	445	43211	-95.62 Poor	-21.53 Awful	-62.55 Excellent	0
2169	2022-02-24 17:06:59.162	4G	3300	255	43211	-109.68 Bad	-27.19 No Coverage	-72.59 Good	0
2160	2022-02-24 16:46:48.630	4G	3300	134	43211	-106.36 Bad	-27.31 No Coverage	-69.13 Very Good	0
2104	2022-02-24 17:16:57.604	4G	3300	437	43211	-98.71 Poor	-21 Awful	-65.32 Very Good	0
1912	2022-02-24 17:57:38.658	4G	3300	418	43211	-96.94 Poor	-20.94 Awful	-64.44 Excellent	0
1879	2022-02-24 17:27:53.552	4G	3300	316	43211	-95.7 Poor	-20.25 Awful	-63.08 Excellent	0



1864	2022-02-24 16:45:09.872	4G	3300	61	43211	-94.39 Fair	-21.58 Awful	-61.06 Excellent	0
1788	2022-02-24 17:23:04.928	4G	3300	412	43211	-97.1 Poor	-25.13 No Coverage	-61.27 Excellent	0
1784	2022-02-24 17:47:24.169	4G	3300	50	43211	-98.27 Poor	-22.05 No Coverage	-64.48 Excellent	0
1772	2022-02-24 16:23:43.845	4G	3300	290	43211	-90.77 Fair	-18.66 Very Bad	-59.48 Excellent	0
1593	2022-02-24 17:46:20.122	4G	3300	344	43211	-99.08 Poor	-25.27 No Coverage	-63.45 Excellent	0
1563	2022-02-24 18:01:01.036	4G	3300	455	43211	-92.82 Fair	-19.7 Very Bad	-61.28 Excellent	0
1561	2022-02-24 16:22:51.377	4G	3300	58	43211	-94.85 Fair	-21.27 Awful	-61.62 Excellent	0
1427	2022-02-24 17:17:47.173	4G	3300	317	43211	-93.19 Fair	-21.37 Awful	-60.29 Excellent	0
1421	2022-02-24 17:58:03.925	4G	3102	191	43211	-90.9 Fair	-18.3 Very Bad	-60.05 Excellent	0
1416	2022-02-24 17:02:58.555	4G	3300	380	43211	-106.15 Bad	-29.83 No Coverage	-67.23 Very Good	0
1379	2022-02-24 14:55:31.124	4G	3102	300	43211	-96.84 Poor	-24.18 No Coverage	-63.42 Excellent	0
1333	2022-02-24 15:29:22.052	4G	550	375	43211	-94.73 Fair	-16.99 Bad	-67.44 Very Good	0
1281	2022-02-24 17:58:15.388	4G	3102	445	43211	-91.46 Fair	-18.38 Very Bad	-60.55 Excellent	0
1274	2022-02-24 18:06:24.903	4G	3102	444	43211	-88.78 Good	-18.55 Very Bad	-59.13 Excellent	0
1264	2022-02-24 17:27:57.068	4G	3300	215	43211	-107.37 Bad	-28.5 No Coverage	-69.3 Very Good	0
1233	2022-02-24 15:27:29.920	4G	1423	375	43211	-91.6 Fair	-17.25 Bad	-63.2 Excellent	0
1211	2022-02-24 18:07:27.723	4G	3102	190	43211	-85.43 Good	-17.93 Bad	-55.17 Excellent	0
1205	2022-02-24 18:01:04.178	4G	3300	314	43211	-106.45 Bad	-29.35 No Coverage	-67.78 Very Good	0
1154	2022-02-24 17:51:13.198	4G	3300	343	43211	-93.11 Fair	-19.13 Very Bad	-62.31 Excellent	0
1138	2022-02-24 14:45:20.096	4G	3300	453	43211	-91.26 Fair	-23.26 No Coverage	-56.46 Excellent	0
1103	2022-02-24 17:31:39.213	4G	550	485	43211	-92.17 Fair	-17.76 Bad	-64.29 Excellent	0
1093	2022-02-24 15:38:24.189	4G	3300	288	43211	-89.22 Good	-19 Very Bad	-58.24 Excellent	0



1088	2022-02-24 18:09:52.052	4G	1423	189	43211	-83.08 Very Good	-15.7 Poor	-56.09 Excellent	0
1071	2022-02-24 17:27:55.404	4G	3300	117	43211	-110.58 Very Bad	-28.68 No Coverage	-72.5 Good	0
1062	2022-02-24 17:58:45.122	4G	1423	191	43211	-86.25 Good	-16.49 Bad	-56.71 Excellent	0
1022	2022-02-24 17:13:26.303	4G	3300	48	43211	-104.35 Very Poor	-27.86 No Coverage	-66.92 Very Good	0
1010	2022-02-24 17:57:05.666	4G	3300	309	43211	-107.59 Bad	-29.08 No Coverage	-69.15 Very Good	0
973	2022-02-24 17:51:11.016	4G	3300	109	43211	-99.8 Poor	-28.44 No Coverage	-61.96 Excellent	0
951	2022-02-24 15:26:12.508	4G	550	483	43211	-95.73 Poor	-17.84 Bad	-68.32 Very Good	0
931	2022-02-24 17:43:38.076	4G	3300	108	43211	-102.78 Very Poor	-26.96 No Coverage	-65.74 Very Good	0
894	2022-02-24 16:47:29.034	4G	550	98	43211	-91.67 Fair	-15.01 Poor	-66 Very Good	0
884	2022-02-24 14:52:58.026	4G	3300	137	43211	-107.84 Bad	-27.03 No Coverage	-70.81 Good	0
854	2022-02-24 17:48:38.748	4G	3300	373	43211	-102.3 Very Poor	-29.41 No Coverage	-63.59 Excellent	0
849	2022-02-24 17:17:18.357	4G	3300	435	43211	-106.46 Bad	-27.96 No Coverage	-68.71 Very Good	0
845	2022-02-24 18:09:53.502	4G	3102	189	43211	-86.03 Good	-17.8 Bad	-58.34 Excellent	0
829	2022-02-24 17:18:58.000	4G	3300	361	43211	-98.21 Poor	-27.93 No Coverage	-60.61 Excellent	0
824	2022-02-24 14:51:52.456	4G	3102	59	43211	-91.68 Fair	-19.76 Very Bad	-62 Excellent	0
818	2022-02-24 17:17:18.559	4G	3300	125	43211	-109.23 Bad	-27.01 No Coverage	-71.73 Good	0
814	2022-02-24 14:53:44.286	4G	3102	289	43211	-87.28 Good	-14.64 Poor	-59.83 Excellent	0
797	2022-02-24 18:09:52.664	4G	550	444	43211	-89.03 Good	-18.59 Very Bad	-59.62 Excellent	0
792	2022-02-24 14:58:46.750	4G	3102	375	43211	-96.48 Poor	-19.55 Very Bad	-66.78 Very Good	0
776	2022-02-24 18:09:52.664	4G	550	189	43211	-84.96 Very Good	-16.55 Bad	-57.76 Excellent	0
775	2022-02-24 17:49:45.715	4G	1423	342	43211	-87.15 Good	-15.4 Poor	-59.47 Excellent	0
764	2022-02-24 14:52:49.886	4G	1423	438	43211	-88.42 Good	-17.52 Bad	-58 Excellent	0



760	2022-02-24 14:23:31.817	4G	3102	290	43211	-86.17 Good	-15.87 Poor	-57.78 Excellent	0
760	2022-02-24 18:07:28.720	4G	1423	190	43211	-79.87 Excellent	-16.36 Bad	-52.8 Excellent	0
748	2022-02-24 14:55:18.554	4G	3102	456	43211	-89.88 Good	-18.09 Very Bad	-61.52 Excellent	0
746	2022-02-24 17:51:51.334	4G	3102	376	43211	-89.82 Good	-17.59 Bad	-61.79 Excellent	0
734	2022-02-24 17:15:15.747	4G	3300	280	43211	-110.15 Very Bad	-28.55 No Coverage	-72.17 Good	0
728	2022-02-24 14:53:27.234	4G	3300	338	43211	-103.16 Very Poor	-29.89 No Coverage	-64.14 Excellent	0
718	2022-02-24 17:45:08.678	4G	1423	376	43211	-87.19 Good	-16.68 Bad	-58.81 Excellent	0
716	2022-02-24 17:31:45.098	4G	1423	485	43211	-86.2 Good	-15.18 Poor	-60.09 Excellent	0
710	2022-02-24 17:51:09.579	4G	3102	342	43211	-93.83 Fair	-18.96 Very Bad	-63.68 Excellent	0
709	2022-02-24 14:55:06.994	4G	3102	411	43211	-91.31 Fair	-18.53 Very Bad	-61.15 Excellent	0
708	2022-02-24 16:05:28.319	4G	3300	138	43211	-110.17 Very Bad	-29.4 No Coverage	-71.51 Good	0
703	2022-02-24 14:54:15.608	4G	3102	412	43211	-92.76 Fair	-21.72 Awful	-60.55 Excellent	0
701	2022-02-24 17:51:13.229	4G	3102	288	43211	-90.69 Fair	-20.59 Awful	-57.92 Excellent	0
697	2022-02-24 14:58:46.750	4G	3102	419	43211	-93.98 Fair	-20.09 Awful	-63.76 Excellent	0
696	2022-02-24 16:44:37.266	4G	3300	256	43211	-108.69 Bad	-28.44 No Coverage	-70.46 Good	0
692	2022-02-24 15:52:29.139	4G	1423	483	43211	-90.86 Fair	-14.98 Poor	-65.46 Very Good	0
689	2022-02-24 14:57:35.085	4G	3102	417	43211	-84.8 Very Good	-16.26 Bad	-57.4 Excellent	0
672	2022-02-24 17:25:18.067	4G	3300	378	43211	-101.15 Very Poor	-29.78 No Coverage	-62.27 Excellent	0
668	2022-02-24 14:52:27.833	4G	3102	57	43211	-94.68 Fair	-24.08 No Coverage	-61.68 Excellent	0
662	2022-02-24 17:44:40.281	4G	550	376	43211	-92.23 Fair	-18.62 Very Bad	-63.34 Excellent	0
658	2022-02-24 17:58:09.764	4G	1423	445	43211	-88.26 Good	-17.71 Bad	-59.08 Excellent	0
654	2022-02-24 18:09:52.664	4G	550	96	43211	-88.36 Good	-17.15 Bad	-60.35 Excellent	0



650	2022-02-24 14:55:15.436	4G	1423	456	43211	-82.58 Very Good	-12.79 Fair	-56.13 Excellent	0
650	2022-02-24 18:09:47.262	4G	1423	444	43211	-85.2 Good	-15.93 Poor	-58.76 Excellent	0
644	2022-02-24 14:58:23.001	4G	1423	440	43211	-89.87 Good	-17.22 Bad	-61.67 Excellent	0
644	2022-02-24 17:49:53.667	4G	550	342	43211	-88.93 Good	-13.96 Fair	-64.62 Excellent	0
640	2022-02-24 17:59:34.788	4G	3102	446	43211	-90.78 Fair	-18.38 Very Bad	-62.64 Excellent	0
609	2022-02-24 18:02:52.399	4G	550	191	43211	-89.8 Good	-17.06 Bad	-61.96 Excellent	0
608	2022-02-24 17:49:27.373	4G	550	484	43211	-88.35 Good	-15.83 Poor	-61.74 Excellent	0
606	2022-02-24 14:59:23.044	4G	3102	483	43211	-92.85 Fair	-15.22 Poor	-66.06 Very Good	0
604	2022-02-24 14:23:51.158	4G	3102	454	43211	-90.56 Fair	-20.07 Awful	-59.36 Excellent	0
602	2022-02-24 14:56:07.446	4G	3102	302	43211	-91.31 Fair	-17.87 Bad	-62.57 Excellent	0
602	2022-02-24 17:51:28.021	4G	3102	343	43211	-96.33 Poor	-19.79 Very Bad	-65.07 Very Good	0
595	2022-02-24 14:58:29.957	4G	3102	440	43211	-97.21 Poor	-20.54 Awful	-66.01 Very Good	0
589	2022-02-24 16:01:39.282	4G	3300	336	43211	-102.08 Very Poor	-29.83 No Coverage	-63.23 Excellent	0
562	2022-02-24 13:02:17.106	4G	1423	455	43211	-92.67 Fair	-19.04 Very Bad	-61.86 Excellent	0
561	2022-02-24 14:52:35.982	4G	3300	497	43211	-105.13 Bad	-27.42 No Coverage	-68.05 Very Good	0
553	2022-02-24 14:57:13.150	4G	1423	418	43211	-88.8 Good	-14.17 Poor	-59.69 Excellent	0
544	2022-02-24 14:55:42.954	4G	1423	300	43211	-88.86 Good	-16.25 Bad	-62.3 Excellent	0
530	2022-02-24 15:57:58.437	4G	3300	326	43211	-101.97 Very Poor	-29.95 No Coverage	-62.95 Excellent	0
529	2022-02-24 14:55:31.613	4G	550	300	43211	-91.57 Fair	-16.15 Bad	-64.68 Excellent	0
525	2022-02-24 17:28:54.976	4G	1423	97	43211	-86.53 Good	-15.11 Poor	-61.04 Excellent	0
522	2022-02-24 15:44:35.165	4G	3300	476	43211	-111.9 Very Bad	-28.45 No Coverage	-74.04 Good	0
522	2022-02-24 17:29:05.575	4G	550	97	43211	-89.62 Good	-14.36 Poor	-64.48 Excellent	0



516	2022-02-24 17:31:15.304	4G	3102	485	43211	-89.19 Good	-16.1 Bad	-62.32 Excellent	0
502	2022-02-24 14:14:50.430	4G	3102	61	43211	-92.86 Fair	-23.07 No Coverage	-60.01 Excellent	0
501	2022-02-24 14:57:12.109	4G	3102	418	43211	-89.95 Good	-15.48 Poor	-64.27 Excellent	0
496	2022-02-24 17:51:09.189	4G	3102	377	43211	-97.8 Poor	-22.42 No Coverage	-63.86 Excellent	0
491	2022-02-24 16:45:46.112	4G	3300	47	43211	-104.13 Very Poor	-29.54 No Coverage	-65.55 Very Good	0
487	2022-02-24 18:09:52.052	4G	1423	96	43211	-83.22 Very Good	-15.13 Poor	-57.15 Excellent	0
482	2022-02-24 16:48:09.374	4G	1423	98	43211	-87.02 Good	-15.39 Poor	-61.16 Excellent	0
481	2022-02-24 18:02:53.438	4G	3102	315	43211	-89.12 Good	-15.63 Poor	-63.02 Excellent	0
474	2022-02-24 14:58:19.091	4G	1423	419	43211	-90.89 Fair	-18.87 Very Bad	-61.5 Excellent	0
473	2022-02-24 14:58:23.462	4G	550	440	43211	-95.61 Poor	-17.74 Bad	-67.72 Very Good	0
467	2022-02-24 14:56:44.078	4G	1423	301	43211	-92.2 Fair	-15.43 Poor	-64.71 Excellent	0
462	2022-02-24 14:44:01.247	4G	3300	46	43211	-103.18 Very Poor	-29.21 No Coverage	-64.77 Excellent	0
457	2022-02-24 16:47:21.395	4G	3102	98	43211	-89 Good	-16.17 Bad	-62.23 Excellent	0
450	2022-02-24 18:02:58.425	4G	1423	315	43211	-86.7 Good	-15.35 Poor	-60.99 Excellent	0
446	2022-02-24 18:02:46.587	4G	550	315	43211	-91.76 Fair	-16.42 Bad	-64.68 Excellent	0
439	2022-02-24 14:56:24.573	4G	550	302	43211	-88.98 Good	-15.8 Poor	-62.26 Excellent	0
436	2022-02-24 16:46:39.909	4G	550	133	43211	-91.52 Fair	-14.74 Poor	-66.71 Very Good	0
428	2022-02-24 14:52:06.417	4G	1423	59	43211	-88.37 Good	-17.35 Bad	-60.85 Excellent	0
424	2022-02-24 14:12:04.467	4G	3102	58	43211	-88.75 Good	-19.46 Very Bad	-57.29 Excellent	0
424	2022-02-24 18:09:53.502	4G	3102	96	43211	-85.93 Good	-16.19 Bad	-59.05 Excellent	0
422	2022-02-24 17:54:23.188	4G	3102	222	43211	-96.89 Poor	-18.84 Very Bad	-68.49 Very Good	0
414	2022-02-24 16:46:52.398	4G	3102	133	43211	-96.84 Poor	-20.27 Awful	-66.14 Very Good	0



413	2022-02-24 14:55:17.193	4G	550	456	43211	-88.6 Good	-14.34 Poor	-63.6 Excellent	0
410	2022-02-24 17:03:06.246	4G	3300	119	43211	-112.3 Very Bad	-28.63 No Coverage	-74.1 Good	0
408	2022-02-24 14:56:13.316	4G	1423	302	43211	-87.31 Good	-16.17 Bad	-59.98 Excellent	0
405	2022-02-24 17:28:54.462	4G	3102	97	43211	-88.56 Good	-14.49 Poor	-63.35 Excellent	0
404	2022-02-24 14:58:20.513	4G	3300	175	43211	-106.75 Bad	-29.54 No Coverage	-68.04 Very Good	0
402	2022-02-24 17:59:43.168	4G	550	446	43211	-90.59 Fair	-15.01 Poor	-64.92 Excellent	0
400	2022-02-24 14:54:13.742	4G	1423	289	43211	-84.01 Very Good	-13.3 Fair	-58.94 Excellent	0
376	2022-02-24 17:59:35.223	4G	1423	446	43211	-88.88 Good	-16.56 Bad	-61.91 Excellent	0
374	2022-02-24 14:56:48.245	4G	3102	301	43211	-92.28 Fair	-15.48 Poor	-66.56 Very Good	0
374	2022-02-24 18:07:28.299	4G	550	190	43211	-76.61 Excellent	-13.88 Fair	-51.82 Excellent	0
372	2022-02-24 17:58:14.735	4G	550	445	43211	-86.81 Good	-14.74 Poor	-61.6 Excellent	0
371	2022-02-24 17:21:03.509	4G	3102	484	43211	-91.71 Fair	-19.18 Very Bad	-61.69 Excellent	0
370	2022-02-24 14:41:36.993	4G	3102	132	43211	-98.48 Poor	-20.4 Awful	-65.99 Very Good	0
364	2022-02-24 17:49:34.855	4G	1423	377	43211	-88.78 Good	-18.9 Very Bad	-58.88 Excellent	0
362	2022-02-24 17:39:49.257	4G	1423	484	43211	-87.22 Good	-17.21 Bad	-59.37 Excellent	0
361	2022-02-24 18:03:30.403	4G	3300	87	43211	-107.73 Bad	-29.08 No Coverage	-69.37 Very Good	0
359	2022-02-24 16:46:37.189	4G	1423	133	43211	-92.72 Fair	-16.04 Bad	-66.44 Very Good	0
358	2022-02-24 13:03:29.796	4G	3102	438	43211	-94.82 Fair	-18.25 Very Bad	-66.19 Very Good	0
353	2022-02-24 17:51:13.582	4G	1423	343	43211	-89.59 Good	-16.34 Bad	-62.43 Excellent	0
352	2022-02-24 14:16:26.321	4G	3102	361	43211	-97.59 Poor	-27.47 No Coverage	-60.59 Excellent	0
347	2022-02-24 17:28:03.750	4G	1423	218	43211	-86.45 Good	-15.88 Poor	-60.03 Excellent	0
344	2022-02-24 14:50:46.204	4G	3300	324	43211	-103.47 Very Poor	-29.61 No Coverage	-64.8 Excellent	0



344	2022-02-24 17:49:48.643	4G	3102	439	43211	-100.23 Very Poor	-22.81 No Coverage	-66.2 Very Good	0
338	2022-02-24 18:08:32.755	4G	3300	152	43211	-101.6 Very Poor	-29.7 No Coverage	-62.73 Excellent	0
334	2022-02-24 16:44:46.485	4G	1423	217	43211	-85.11 Good	-14.53 Poor	-60 Excellent	0
325	2022-02-24 14:51:20.978	4G	550	59	43211	-92.03 Fair	-14.65 Poor	-66.51 Very Good	0
324	2022-02-24 14:58:19.703	4G	550	419	43211	-91.72 Fair	-15.58 Poor	-65.37 Very Good	0
315	2022-02-24 15:31:30.925	4G	3300	207	43211	-104.08 Very Poor	-26.68 No Coverage	-67.27 Very Good	0
315	2022-02-24 14:45:16.186	4G	1423	57	43211	-91.24 Fair	-18.56 Very Bad	-62.37 Excellent	0
313	2022-02-24 14:56:49.494	4G	550	301	43211	-89.23 Good	-12.45 Fair	-66.05 Very Good	0
309	2022-02-24 14:57:59.147	4G	550	438	43211	-93.14 Fair	-15.63 Poor	-67.25 Very Good	0
309	2022-02-24 17:28:02.959	4G	3102	218	43211	-90.67 Fair	-17.11 Bad	-62.98 Excellent	0
302	2022-02-24 14:14:54.025	4G	1423	61	43211	-83.89 Very Good	-16.42 Bad	-55.16 Excellent	0
300	2022-02-24 17:46:03.383	4G	3300	372	43211	-103.32 Very Poor	-29.63 No Coverage	-64.65 Excellent	0
297	2022-02-24 15:54:49.299	4G	3300	248	43211	-100.71 Very Poor	-29.93 No Coverage	-61.78 Excellent	0
294	2022-02-24 14:55:07.598	4G	550	454	43211	-86.48 Good	-14.88 Poor	-61.04 Excellent	0
290	2022-02-24 17:44:43.815	4G	550	377	43211	-92.64 Fair	-22.65 No Coverage	-60.18 Excellent	0
288	2022-02-24 17:55:52.904	4G	3102	309	43211	-103.45 Very Poor	-29.06 No Coverage	-65.6 Very Good	0
284	2022-02-24 17:44:31.402	4G	1423	439	43211	-82.72 Very Good	-17.73 Bad	-51.68 Excellent	0
281	2022-02-24 17:44:37.393	4G	3300	345	43211	-104.42 Very Poor	-29.68 No Coverage	-65.37 Very Good	0
279	2022-02-24 16:49:35.033	4G	550	216	43211	-92.98 Fair	-15.02 Poor	-67.21 Very Good	0
274	2022-02-24 14:45:27.193	4G	550	289	43211	-89 Good	-13.8 Fair	-64.46 Excellent	0
273	2022-02-24 16:41:59.629	4G	3102	217	43211	-87.14 Good	-14.74 Poor	-61.89 Excellent	0
269	2022-02-24 17:17:21.890	4G	1423	216	43211	-88.92 Good	-14.72 Poor	-63.78 Excellent	0



268	2022-02-24 14:57:13.362	4G	550	418	43211	-92.38 Fair	-13.56 Fair	-68.35 Very Good	0
266	2022-02-24 17:46:43.149	4G	3300	495	43211	-104.05 Very Poor	-28.51 No Coverage	-65.8 Very Good	0
266	2022-02-24 15:46:45.906	4G	3300	110	43211	-106.25 Bad	-28.46 No Coverage	-67.93 Very Good	0
265	2022-02-24 18:07:40.264	4G	3300	362	43211	-100.07 Very Poor	-29.09 No Coverage	-61.71 Excellent	0
264	2022-02-24 17:02:19.640	4G	3300	414	43211	-105.14 Bad	-29.81 No Coverage	-66.31 Very Good	0
264	2022-02-24 16:48:12.466	4G	3300	247	43211	-99.75 Poor	-30 No Coverage	-60.74 Excellent	0
258	2022-02-24 17:51:19.253	4G	3102	109	43211	-103.96 Very Poor	-28.39 No Coverage	-65.98 Very Good	0
254	2022-02-24 17:09:10.496	4G	3300	224	43211	-100.91 Very Poor	-29.93 No Coverage	-61.79 Excellent	0
253	2022-02-24 14:54:53.526	4G	550	411	43211	-88.45 Good	-14.82 Poor	-62.47 Excellent	0
251	2022-02-24 16:24:02.009	4G	3300	323	43211	-108.49 Bad	-28.88 No Coverage	-70.24 Good	0
250	2022-02-24 14:55:07.714	4G	1423	411	43211	-86.41 Good	-16.31 Bad	-59.41 Excellent	0
247	2022-02-24 14:45:03.948	4G	1423	290	43211	-80.58 Very Good	-14.48 Poor	-55.28 Excellent	0
246	2022-02-24 14:42:12.046	4G	1423	132	43211	-92.36 Fair	-15.25 Poor	-67.48 Very Good	0
242	2022-02-24 14:52:51.111	4G	3102	50	43211	-95.81 Poor	-20.19 Awful	-65.53 Very Good	0
242	2022-02-24 14:57:13.150	4G	1423	417	43211	-86.08 Good	-15.37 Poor	-60.38 Excellent	0
237	2022-02-24 16:42:00.266	4G	550	217	43211	-88.07 Good	-13.73 Fair	-63.62 Excellent	0
236	2022-02-24 12:54:37.457	4G	550	439	43211	-88.31 Good	-16.73 Bad	-59.73 Excellent	0
234	2022-02-24 17:43:07.710	4G	3300	240	43211	-103.82 Very Poor	-29.5 No Coverage	-65 Excellent	0
234	2022-02-24 14:51:58.555	4G	550	57	43211	-92.31 Fair	-17.02 Bad	-64.38 Excellent	0
233	2022-02-24 16:38:09.720	4G	3300	449	43211	-105.55 Bad	-29.48 No Coverage	-66.71 Very Good	0
233	2022-02-24 14:12:40.119	4G	1423	58	43211	-77.53 Excellent	-13.18 Fair	-49.78 Excellent	0
227	2022-02-24 17:51:23.175	4G	3102	314	43211	-103.17 Very Poor	-28.95 No Coverage	-65.01 Very Good	0



227	2022-02-24 13:02:17.127	4G	1423	497	43211	-100.94 Very Poor	-28.07 No Coverage	-63.34 Excellent	0
225	2022-02-24 14:45:16.179	4G	1423	454	43211	-83 Very Good	-17.03 Bad	-54.95 Excellent	0
224	2022-02-24 17:17:50.753	4G	550	218	43211	-91.24 Fair	-18.14 Very Bad	-62.09 Excellent	0
222	2022-02-24 16:46:28.162	4G	550	134	43211	-93.32 Fair	-20.17 Awful	-63.66 Excellent	0
220	2022-02-24 14:42:07.392	4G	550	132	43211	-97.11 Poor	-14.66 Poor	-71.39 Good	0
219	2022-02-24 17:09:29.201	4G	3300	223	43211	-98.34 Poor	-29.84 No Coverage	-59.11 Excellent	0
216	2022-02-24 17:49:47.264	4G	550	343	43211	-90.75 Fair	-15.52 Poor	-64.39 Excellent	0
215	2022-02-24 14:57:13.362	4G	550	417	43211	-90.66 Fair	-15.27 Poor	-64.52 Excellent	0
210	2022-02-24 17:13:09.182	4G	3102	437	43211	-95.91 Poor	-15.73 Poor	-69.85 Very Good	0
206	2022-02-24 13:02:20.222	4G	550	455	43211	-94.95 Fair	-15.69 Poor	-68.64 Very Good	0
206	2022-02-24 17:25:21.286	4G	3300	420	43211	-109.48 Bad	-29.5 No Coverage	-70.67 Good	0
202	2022-02-24 16:01:35.727	4G	3300	135	43211	-98.19 Poor	-29.66 No Coverage	-59.18 Excellent	0
198	2022-02-24 17:27:02.474	4G	3300	321	43211	-106.17 Bad	-29.65 No Coverage	-67.45 Very Good	0
192	2022-02-24 17:55:57.319	4G	1423	222	43211	-93.92 Fair	-18.28 Very Bad	-65.39 Very Good	0
191	2022-02-24 14:23:23.584	4G	550	290	43211	-81.67 Very Good	-12.48 Fair	-58.14 Excellent	0
190	2022-02-24 18:08:48.994	4G	3300	102	43211	-102.54 Very Poor	-29.85 No Coverage	-63.77 Excellent	0
189	2022-02-24 15:51:05.573	4G	3300	413	43211	-95.55 Poor	-19.82 Very Bad	-64.25 Excellent	0
188	2022-02-24 17:20:38.273	4G	3300	330	43211	-105.74 Bad	-29.91 No Coverage	-66.62 Very Good	0
186	2022-02-24 15:29:39.312	4G	3300	136	43211	-109.54 Bad	-28.56 No Coverage	-71.4 Good	0
185	2022-02-24 17:17:23.749	4G	3102	316	43211	-93.11 Fair	-18.51 Very Bad	-63.46 Excellent	0
182	2022-02-24 16:23:52.156	4G	3300	170	43211	-104.39 Very Poor	-29.78 No Coverage	-65.57 Very Good	0
179	2022-02-24 13:01:16.370	4G	3102	455	43211	-90.28 Fair	-15.58 Poor	-63.96 Excellent	0



174	2022-02-24 14:52:49.886	4G	1423	50	43211	-92.88 Fair	-18.38 Very Bad	-64 Excellent	0
173	2022-02-24 17:17:15.658	4G	1423	316	43211	-87.2 Good	-15.3 Poor	-61.75 Excellent	0
162	2022-02-24 11:21:48.274	4G	3102	362	43211	-100.41 Very Poor	-29.78 No Coverage	-61.6 Excellent	0
160	2022-02-24 13:00:17.726	4G	1423	453	43211	-82.8 Very Good	-20.61 Awful	-51.41 Excellent	0
158	2022-02-24 17:11:17.100	4G	3300	489	43211	-111.05 Very Bad	-29.11 No Coverage	-72.69 Good	0
157	2022-02-24 17:44:45.872	4G	3300	5	43211	-103.47 Very Poor	-29.82 No Coverage	-64.27 Excellent	0
157	2022-02-24 14:11:13.193	4G	3102	255	43211	-105.7 Bad	-28.67 No Coverage	-67.63 Very Good	0
157	2022-02-24 16:41:20.795	4G	3102	216	43211	-90.77 Fair	-18.07 Very Bad	-61.79 Excellent	0
154	2022-02-24 17:23:08.862	4G	3300	257	43211	-109.06 Bad	-28.98 No Coverage	-70.41 Good	0
154	2022-02-24 16:46:34.323	4G	1423	134	43211	-91.6 Fair	-17.14 Bad	-63.99 Excellent	0
152	2022-02-24 17:57:39.744	4G	3300	114	43211	-106.88 Bad	-29.76 No Coverage	-67.96 Very Good	0
152	2022-02-24 17:13:16.778	4G	1423	437	43211	-92 Fair	-15.41 Poor	-66.27 Very Good	0
151	2022-02-24 17:09:30.206	4G	3300	28	43211	-111.69 Very Bad	-29.26 No Coverage	-73.06 Good	0
149	2022-02-24 17:10:10.985	4G	550	222	43211	-94.3 Fair	-13.92 Fair	-69.41 Very Good	0
144	2022-02-24 17:15:54.285	4G	550	316	43211	-91.94 Fair	-16.2 Bad	-64.86 Excellent	0
142	2022-02-24 15:24:05.935	4G	3300	213	43211	-102.98 Very Poor	-30 No Coverage	-63.78 Excellent	0
141	2022-02-24 14:52:51.299	4G	550	50	43211	-97.17 Poor	-17.21 Bad	-69.57 Very Good	0
138	2022-02-24 18:08:06.250	4G	3300	474	43211	-101.01 Very Poor	-29.33 No Coverage	-62.31 Excellent	0
134	2022-02-24 17:46:43.162	4G	3300	93	43211	-106.88 Bad	-29.89 No Coverage	-67.81 Very Good	0
134	2022-02-24 14:16:08.916	4G	1423	288	43211	-81.6 Very Good	-14.98 Poor	-56.7 Excellent	0
133	2022-02-24 14:14:53.740	4G	550	61	43211	-89.69 Good	-16.44 Bad	-62.29 Excellent	0
128	2022-02-24 17:37:39.183	4G	3102	413	43211	-96.4 Poor	-20.92 Awful	-63.5 Excellent	0



127	2022-02-24 14:12:40.417	4G	550	58	43211	-86.71 Good	-14.62 Poor	-61.56 Excellent	0
126	2022-02-24 17:44:00.992	4G	3300	104	43211	-104.2 Very Poor	-29.77 No Coverage	-64.96 Excellent	0
120	2022-02-24 17:51:31.545	4G	3102	373	43211	-102.56 Very Poor	-29.89 No Coverage	-63.7 Excellent	0
118	2022-02-24 17:18:13.270	4G	3300	246	43211	-99.4 Poor	-30 No Coverage	-60.37 Excellent	0
114	2022-02-24 17:46:16.271	4G	3300	386	43211	-109.42 Bad	-29.9 No Coverage	-70.66 Good	0
112	2022-02-24 17:47:23.088	4G	3300	197	43211	-99.2 Poor	-29.85 No Coverage	-60.41 Excellent	0
112	2022-02-24 14:16:11.958	4G	550	288	43211	-82.76 Very Good	-14.08 Poor	-58.04 Excellent	0
109	2022-02-24 17:45:59.536	4G	550	344	43211	-96.12 Poor	-22.76 No Coverage	-63.64 Excellent	0
104	2022-02-24 16:14:27.093	4G	3300	83	43211	-105.69 Bad	-29.35 No Coverage	-66.94 Very Good	0
102	2022-02-24 17:11:53.687	4G	3300	465	43211	-108.38 Bad	-29.03 No Coverage	-70.13 Good	0
101	2022-02-24 16:35:07.509	4G	3300	252	43211	-104.12 Very Poor	-29.89 No Coverage	-65.38 Very Good	0
101	2022-02-24 14:53:42.807	4G	1423	412	43211	-88.19 Good	-16.93 Bad	-60.7 Excellent	0
100	2022-02-24 15:59:16.276	4G	3300	20	43211	-101.01 Very Poor	-30 No Coverage	-61.65 Excellent	0
98	2022-02-24 15:26:21.728	4G	3300	238	43211	-103.15 Very Poor	-30 No Coverage	-64.06 Excellent	0
98	2022-02-24 14:53:43.019	4G	550	412	43211	-87.95 Good	-15.48 Poor	-61.14 Excellent	0
97	2022-02-24 17:45:49.124	4G	1423	344	43211	-90.36 Fair	-21.71 Awful	-59.05 Excellent	0
96	2022-02-24 11:00:19.768	4G	3102	336	43211	-105.91 Bad	-29.44 No Coverage	-67.17 Very Good	0
96	2022-02-24 18:03:04.255	4G	3300	128	43211	-103.35 Very Poor	-29.47 No Coverage	-64.75 Excellent	0
93	2022-02-24 17:51:13.582	4G	1423	109	43211	-94.53 Fair	-25.4 No Coverage	-59.74 Excellent	0
92	2022-02-24 15:56:40.364	4G	3300	320	43211	-105.77 Bad	-29.75 No Coverage	-66.97 Very Good	0
92	2022-02-24 17:45:48.525	4G	3102	344	43211	-98.75 Poor	-22.22 No Coverage	-65.94 Very Good	0
91	2022-02-24 17:14:54.547	4G	1423	317	43211	-82.26 Very Good	-14.42 Poor	-57.37 Excellent	0



90	2022-02-24 15:18:59.680	4G	3300	127	43211	-106.37 Bad	-29.72 No Coverage	-67.46 Very Good	0
90	2022-02-24 17:23:51.403	4G	3300	294	43211	-106.07 Bad	-28.37 No Coverage	-67.93 Very Good	0
88	2022-02-24 16:24:09.882	4G	3300	36	43211	-101.62 Very Poor	-29.4 No Coverage	-62.56 Excellent	0
87	2022-02-24 17:22:22.116	4G	3300	49	43211	-102.12 Very Poor	-29.88 No Coverage	-62.85 Excellent	0
86	2022-02-24 18:07:14.658	4G	3300	201	43211	-104.74 Very Poor	-30 No Coverage	-65.88 Very Good	0
85	2022-02-24 17:21:48.292	4G	3300	392	43211	-103.11 Very Poor	-29.87 No Coverage	-63.95 Excellent	0
84	2022-02-24 15:45:55.119	4G	3300	161	43211	-107.35 Bad	-29.84 No Coverage	-68.69 Very Good	0
84	2022-02-24 18:09:16.821	4G	3300	298	43211	-99.9 Poor	-29.17 No Coverage	-61.66 Excellent	0
82	2022-02-24 17:28:00.014	4G	3300	41	43211	-105.54 Bad	-29.63 No Coverage	-66.78 Very Good	0
82	2022-02-24 14:43:56.625	4G	550	48	43211	-97.96 Poor	-19.25 Very Bad	-67.82 Very Good	0
82	2022-02-24 17:21:45.579	4G	3300	72	43211	-103.31 Very Poor	-29.86 No Coverage	-64.21 Excellent	0
82	2022-02-24 17:15:25.311	4G	3300	214	43211	-105.26 Bad	-29.15 No Coverage	-66.97 Very Good	0
81	2022-02-24 18:02:39.539	4G	3300	332	43211	-105.09 Bad	-30 No Coverage	-65.43 Very Good	0
80	2022-02-24 17:44:58.412	4G	3300	99	43211	-102.53 Very Poor	-30 No Coverage	-63.7 Excellent	0
80	2022-02-24 17:46:23.008	4G	3300	374	43211	-108.96 Bad	-30 No Coverage	-69.82 Very Good	0
80	2022-02-24 15:39:21.940	4G	3300	318	43211	-112.16 Very Bad	-29.4 No Coverage	-73.25 Good	0
80	2022-02-24 16:08:22.423	4G	3300	498	43211	-102.56 Very Poor	-29.81 No Coverage	-63.67 Excellent	0
80	2022-02-24 14:11:17.188	4G	3102	207	43211	-104.57 Very Poor	-29.58 No Coverage	-65.87 Very Good	0
78	2022-02-24 17:02:15.917	4G	3300	121	43211	-103.7 Very Poor	-29.85 No Coverage	-64.92 Excellent	0
78	2022-02-24 17:14:20.738	4G	550	317	43211	-89.05 Good	-13.75 Fair	-64.51 Excellent	0
76	2022-02-24 17:12:17.785	4G	3300	149	43211	-106.51 Bad	-29.77 No Coverage	-67.78 Very Good	0
76	2022-02-24 17:44:24.247	4G	3300	131	43211	-106.44 Bad	-30 No Coverage	-67.42 Very Good	0



76	2022-02-24 17:23:54.475	4G	3300	354	43211	-104.94 Very Poor	-29.68 No Coverage	-66.1 Very Good	0
76	2022-02-24 17:27:47.761	4G	3300	490	43211	-104.89 Very Poor	-29.34 No Coverage	-66.13 Very Good	0
74	2022-02-24 13:00:05.309	4G	3102	453	43211	-83.83 Very Good	-20.47 Awful	-52.6 Excellent	0
74	2022-02-24 16:34:25.396	4G	3300	496	43211	-104.81 Very Poor	-29.55 No Coverage	-65.94 Very Good	0
74	2022-02-24 15:26:39.464	4G	3300	423	43211	-103.06 Very Poor	-30 No Coverage	-63.89 Excellent	0
73	2022-02-24 15:43:24.196	4G	3300	239	43211	-98.68 Poor	-30 No Coverage	-58.8 Excellent	0
72	2022-02-24 17:19:48.026	4G	3300	312	43211	-107.25 Bad	-29.31 No Coverage	-68.75 Very Good	0
72	2022-02-24 16:47:40.488	4G	3300	38	43211	-107.2 Bad	-29.8 No Coverage	-68.52 Very Good	0
72	2022-02-24 17:27:20.743	4G	3300	267	43211	-103.34 Very Poor	-29.38 No Coverage	-64.5 Excellent	0
72	2022-02-24 17:44:52.569	4G	3300	233	43211	-102.7 Very Poor	-29.45 No Coverage	-64.19 Excellent	0
72	2022-02-24 17:11:54.940	4G	3102	317	43211	-86.95 Good	-12.95 Fair	-63.62 Excellent	0
70	2022-02-24 15:48:05.887	4G	3300	470	43211	-103.37 Very Poor	-30 No Coverage	-64.54 Excellent	0
70	2022-02-24 18:05:12.866	4G	3300	393	43211	-102.11 Very Poor	-30 No Coverage	-63.2 Excellent	0
70	2022-02-24 17:25:50.958	4G	3300	339	43211	-104.92 Very Poor	-29.44 No Coverage	-66.11 Very Good	0
70	2022-02-24 18:01:08.518	4G	3300	118	43211	-99.3 Poor	-30 No Coverage	-60.11 Excellent	0
70	2022-02-24 16:07:57.474	4G	3300	130	43211	-98.72 Poor	-29.44 No Coverage	-60.11 Excellent	0
70	2022-02-24 18:03:43.153	4G	3300	78	43211	-102.64 Very Poor	-30 No Coverage	-63.54 Excellent	0
70	2022-02-24 16:54:35.659	4G	3300	37	43211	-100.42 Very Poor	-30 No Coverage	-61.77 Excellent	0
70	2022-02-24 18:03:57.467	4G	3300	193	43211	-102.71 Very Poor	-29.8 No Coverage	-63.88 Excellent	0
68	2022-02-24 15:39:11.408	4G	3300	468	43211	-107.94 Bad	-30 No Coverage	-68.88 Very Good	0
68	2022-02-24 15:38:54.460	4G	3300	206	43211	-106.47 Bad	-29.61 No Coverage	-68.48 Very Good	0
67	2022-02-24 17:28:06.868	4G	3300	31	43211	-105.88 Bad	-30 No Coverage	-66.82 Very Good	0



67	2022-02-24 16:46:29.442	4G	3102	134	43211	-89.79 Good	-17.11 Bad	-61.49 Excellent	0
66	2022-02-24 18:09:52.395	4G	3300	1	43211	-100.56 Very Poor	-29.84 No Coverage	-61.72 Excellent	0
66	2022-02-24 18:08:45.412	4G	3300	163	43211	-100.45 Very Poor	-29.4 No Coverage	-62.27 Excellent	0
66	2022-02-24 16:48:52.256	4G	3300	44	43211	-103.34 Very Poor	-29.5 No Coverage	-64.6 Excellent	0
66	2022-02-24 18:08:59.482	4G	3300	319	43211	-101.95 Very Poor	-30 No Coverage	-63.42 Excellent	0
66	2022-02-24 11:00:57.346	4G	3102	324	43211	-103.13 Very Poor	-30 No Coverage	-63.87 Excellent	0
66	2022-02-24 16:12:17.176	4G	3300	303	43211	-98.87 Poor	-30 No Coverage	-59.9 Excellent	0
66	2022-02-24 16:14:08.025	4G	3300	167	43211	-104.34 Very Poor	-30 No Coverage	-64.93 Excellent	0
66	2022-02-24 17:15:58.132	4G	3300	479	43211	-107.83 Bad	-28.95 No Coverage	-69.9 Very Good	0
65	2022-02-24 12:59:59.836	4G	550	453	43211	-79.2 Excellent	-15.49 Poor	-53.24 Excellent	0
64	2022-02-24 17:45:42.014	4G	3300	355	43211	-103.09 Very Poor	-30 No Coverage	-64.25 Excellent	0
64	2022-02-24 17:20:05.257	4G	3300	230	43211	-103.79 Very Poor	-30 No Coverage	-65.03 Very Good	0
64	2022-02-24 17:18:30.295	4G	3300	9	43211	-102.75 Very Poor	-29.64 No Coverage	-63.62 Excellent	0
62	2022-02-24 15:37:26.554	4G	3300	401	43211	-107.93 Bad	-29.11 No Coverage	-69.54 Very Good	0
62	2022-02-24 16:51:49.541	4G	3300	398	43211	-104.69 Very Poor	-30 No Coverage	-65.7 Very Good	0
62	2022-02-24 17:46:58.173	4G	3300	452	43211	-102.03 Very Poor	-29.27 No Coverage	-63.29 Excellent	0
62	2022-02-24 16:03:55.114	4G	3300	225	43211	-109.19 Bad	-28.14 No Coverage	-71.45 Good	0
62	2022-02-24 17:08:23.233	4G	3300	325	43211	-102.82 Very Poor	-30 No Coverage	-63.77 Excellent	0
61	2022-02-24 14:43:57.231	4G	1423	48	43211	-92.85 Fair	-19.27 Very Bad	-63.3 Excellent	0
60	2022-02-24 18:04:12.364	4G	3300	291	43211	-101.86 Very Poor	-30 No Coverage	-62.83 Excellent	0
60	2022-02-24 15:35:45.689	4G	3300	254	43211	-109.6 Bad	-29.61 No Coverage	-70.73 Good	0
60	2022-02-24 18:08:19.404	4G	3300	7	43211	-102.46 Very Poor	-30 No Coverage	-63.66 Excellent	0



60	2022-02-24 17:04:29.960	4G	3300	74	43211	-109.71 Bad	-30 No Coverage	-70.73 Good	0
60	2022-02-24 15:22:34.668	4G	3300	293	43211	-103.3 Very Poor	-30 No Coverage	-64.46 Excellent	0
60	2022-02-24 16:45:04.066	4G	3300	21	43211	-104.18 Very Poor	-29.83 No Coverage	-64.96 Excellent	0
60	2022-02-24 17:20:27.668	4G	3300	363	43211	-101.85 Very Poor	-29.76 No Coverage	-62.76 Excellent	0
60	2022-02-24 15:31:50.574	4G	3300	421	43211	-105.38 Bad	-30 No Coverage	-66.23 Very Good	0
60	2022-02-24 16:28:12.302	4G	3300	88	43211	-100.63 Very Poor	-30 No Coverage	-61.46 Excellent	0
60	2022-02-24 17:31:30.752	4G	3300	150	43211	-102.7 Very Poor	-30 No Coverage	-63.8 Excellent	0
60	2022-02-24 16:00:31.780	4G	3300	260	43211	-108.83 Bad	-30 No Coverage	-69.9 Very Good	0
60	2022-02-24 16:06:45.553	4G	3300	347	43211	-102.75 Very Poor	-30 No Coverage	-63.46 Excellent	0
60	2022-02-24 16:28:44.417	4G	3300	101	43211	-102.66 Very Poor	-29.81 No Coverage	-63.76 Excellent	0
60	2022-02-24 18:00:06.830	4G	3300	299	43211	-103 Very Poor	-29.31 No Coverage	-64.46 Excellent	0
60	2022-02-24 14:42:33.181	4G	3300	360	43211	-108.63 Bad	-29.65 No Coverage	-69.7 Very Good	0
60	2022-02-24 17:41:46.157	4G	3300	356	43211	-101.55 Very Poor	-29.81 No Coverage	-62.66 Excellent	0
60	2022-02-24 17:12:55.279	4G	550	437	43211	-99.45 Poor	-13.76 Fair	-75.31 Fair	0
58	2022-02-24 17:19:26.248	4G	3300	486	43211	-106.31 Bad	-30 No Coverage	-67.17 Very Good	0
57	2022-02-24 14:59:38.027	4G	3300	188	43211	-106.75 Bad	-30 No Coverage	-68.26 Very Good	0
57	2022-02-24 12:01:02.150	4G	550	108	43211	-95.29 Poor	-27.31 No Coverage	-58.4 Excellent	0
57	2022-02-24 15:43:53.554	4G	1423	125	43211	-100.57 Very Poor	-19 Very Bad	-71.59 Good	0
56	2022-02-24 17:16:08.324	4G	3300	473	43211	-106.92 Bad	-29.39 No Coverage	-68.6 Very Good	0
56	2022-02-24 17:09:13.217	4G	3300	183	43211	-99.92 Poor	-30 No Coverage	-60.25 Excellent	0
56	2022-02-24 16:49:29.591	4G	3300	139	43211	-101.48 Very Poor	-30 No Coverage	-62.78 Excellent	0
56	2022-02-24 16:21:50.337	4G	3300	211	43211	-106.8 Bad	-30 No Coverage	-67.75 Very Good	0



56	2022-02-24 16:46:23.748	4G	3300	45	43211	-104.23 Very Poor	-28.53 No Coverage	-66.11 Very Good	0
55	2022-02-24 12:54:36.439	4G	3102	108	43211	-97.27 Poor	-22.12 No Coverage	-64.83 Excellent	0
54	2022-02-24 16:48:12.466	4G	3300	86	43211	-99.53 Poor	-30 No Coverage	-60.62 Excellent	0
54	2022-02-24 17:30:55.049	4G	3300	51	43211	-101.03 Very Poor	-30 No Coverage	-62.03 Excellent	0
54	2022-02-24 14:29:52.631	4G	3300	333	43211	-104.48 Very Poor	-28.98 No Coverage	-66.48 Very Good	0
54	2022-02-24 17:22:57.276	4G	3300	381	43211	-101.22 Very Poor	-29.38 No Coverage	-62.81 Excellent	0
54	2022-02-24 18:00:02.942	4G	3300	204	43211	-103.07 Very Poor	-30 No Coverage	-64.03 Excellent	0
53	2022-02-24 14:47:17.428	4G	3102	338	43211	-99.66 Poor	-28.45 No Coverage	-63.39 Excellent	0
52	2022-02-24 17:19:29.345	4G	3300	261	43211	-105.65 Bad	-29.82 No Coverage	-66.69 Very Good	0
52	2022-02-24 17:00:07.889	4G	3300	155	43211	-106.34 Bad	-30 No Coverage	-67.26 Very Good	0
52	2022-02-24 16:46:28.584	4G	3300	245	43211	-105.86 Bad	-30 No Coverage	-66.53 Very Good	0
52	2022-02-24 17:17:07.593	4G	3300	15	43211	-102.23 Very Poor	-30 No Coverage	-63.19 Excellent	0
52	2022-02-24 16:23:44.880	4G	3300	14	43211	-107.65 Bad	-29.38 No Coverage	-69.07 Very Good	0
52	2022-02-24 17:35:09.830	4G	3102	209	43211	-99.07 Poor	-30 No Coverage	-60.07 Excellent	0
52	2022-02-24 15:40:46.629	4G	3300	469	43211	-107 Bad	-29.71 No Coverage	-67.88 Very Good	0
52	2022-02-24 17:41:44.960	4G	3300	471	43211	-98.32 Poor	-30 No Coverage	-59.38 Excellent	0
52	2022-02-24 18:01:43.995	4G	3300	348	43211	-101.73 Very Poor	-30 No Coverage	-62.8 Excellent	0
52	2022-02-24 16:56:06.807	4G	3300	198	43211	-100.13 Very Poor	-30 No Coverage	-61.42 Excellent	0
52	2022-02-24 17:51:25.402	4G	1423	373	43211	-97.07 Poor	-26.34 No Coverage	-60.73 Excellent	0
51	2022-02-24 16:12:02.625	4G	3300	3	43211	-104.68 Very Poor	-30 No Coverage	-65.67 Very Good	0
51	2022-02-24 17:15:14.386	4G	3300	111	43211	-109.11 Bad	-30 No Coverage	-68.72 Very Good	0
51	2022-02-24 17:56:30.793	4G	1423	309	43211	-101.86 Very Poor	-26.8 No Coverage	-65.78 Very Good	0



50	2022-02-24 17:06:11.974	4G	3300	147	43211	-107.24 Bad	-28.22 No Coverage	-69.64 Very Good	0
50	2022-02-24 16:01:59.682	4G	3300	249	43211	-107.74 Bad	-30 No Coverage	-68.56 Very Good	0
50	2022-02-24 16:23:20.260	4G	3300	264	43211	-102.62 Very Poor	-30 No Coverage	-63.6 Excellent	0
50	2022-02-24 18:07:41.741	4G	3300	448	43211	-100.76 Very Poor	-29.24 No Coverage	-62.44 Excellent	0
50	2022-02-24 15:56:09.233	4G	3300	164	43211	-107.62 Bad	-30 No Coverage	-68.28 Very Good	0
50	2022-02-24 15:55:56.697	4G	3300	394	43211	-109.28 Bad	-29.22 No Coverage	-70.48 Good	0
50	2022-02-24 15:57:29.462	4G	3300	145	43211	-100.22 Very Poor	-29.52 No Coverage	-61.88 Excellent	0
50	2022-02-24 17:24:50.223	4G	3300	395	43211	-104.36 Very Poor	-28.78 No Coverage	-65.88 Very Good	0
50	2022-02-24 17:26:39.801	4G	3300	199	43211	-102.44 Very Poor	-30 No Coverage	-63.16 Excellent	0
50	2022-02-24 16:00:11.085	4G	3300	400	43211	-106.66 Bad	-30 No Coverage	-67.72 Very Good	0
50	2022-02-24 17:24:01.968	4G	3300	310	43211	-105.56 Bad	-28.62 No Coverage	-67.92 Very Good	0
50	2022-02-24 16:05:28.967	4G	3300	143	43211	-109.54 Bad	-29.78 No Coverage	-70.44 Good	0
50	2022-02-24 14:09:48.879	4G	3102	137	43211	-102.04 Very Poor	-26.62 No Coverage	-66.29 Very Good	0
50	2022-02-24 11:50:23.476	4G	3102	321	43211	-103.14 Very Poor	-30 No Coverage	-63.92 Excellent	0
50	2022-02-24 17:37:20.160	4G	3102	213	43211	-99.62 Poor	-29.56 No Coverage	-61.16 Excellent	0
50	2022-02-24 17:02:18.108	4G	3300	187	43211	-105.76 Bad	-30 No Coverage	-66.6 Very Good	0
50	2022-02-24 14:19:15.551	4G	3300	276	43211	-102.44 Very Poor	-29.46 No Coverage	-63.84 Excellent	0
50	2022-02-24 17:43:03.158	4G	3300	278	43211	-102.96 Very Poor	-30 No Coverage	-63.72 Excellent	0
50	2022-02-24 17:02:08.848	4G	3300	306	43211	-109.8 Bad	-28.94 No Coverage	-71.36 Good	0
50	2022-02-24 16:37:42.648	4G	3300	296	43211	-101.2 Very Poor	-30 No Coverage	-62 Excellent	0
50	2022-02-24 16:51:56.249	4G	3300	472	43211	-102.32 Very Poor	-30 No Coverage	-63.56 Excellent	0
50	2022-02-24 16:51:57.718	4G	3300	231	43211	-103.56 Very Poor	-30 No Coverage	-64.24 Excellent	0



50	2022-02-24 16:46:01.912	4G	3300	34	43211	-105.16 Bad	-29.52 No Coverage	-66.36 Very Good	0
50	2022-02-24 16:40:57.582	4G	3300	275	43211	-102.76 Very Poor	-30 No Coverage	-63.68 Excellent	0
50	2022-02-24 14:40:00.757	4G	3300	258	43211	-102.92 Very Poor	-30 No Coverage	-63.92 Excellent	0
50	2022-02-24 16:49:47.300	4G	3300	350	43211	-100.78 Very Poor	-29.82 No Coverage	-61.72 Excellent	0
50	2022-02-24 15:58:42.809	4G	3300	227	43211	-102.82 Very Poor	-30 No Coverage	-63.64 Excellent	0
50	2022-02-24 14:57:44.868	4G	3300	228	43211	-106.38 Bad	-29.74 No Coverage	-67.36 Very Good	0
50	2022-02-24 16:13:10.146	4G	3300	181	43211	-99.72 Poor	-29.8 No Coverage	-60.56 Excellent	0
50	2022-02-24 17:42:31.756	4G	3300	432	43211	-103.06 Very Poor	-30 No Coverage	-63.8 Excellent	0
50	2022-02-24 17:18:29.496	4G	3300	18	43211	-101.38 Very Poor	-30 No Coverage	-62.12 Excellent	0
50	2022-02-24 17:57:36.041	4G	3300	367	43211	-107.22 Bad	-29.78 No Coverage	-68.52 Very Good	0
50	2022-02-24 17:43:42.732	4G	3300	212	43211	-108.98 Bad	-28.96 No Coverage	-70.4 Good	0
50	2022-02-24 17:12:53.208	4G	3300	371	43211	-102.62 Very Poor	-30 No Coverage	-63.92 Excellent	0
50	2022-02-24 16:16:31.838	4G	3300	390	43211	-110.1 Very Bad	-30 No Coverage	-70.96 Good	0
50	2022-02-24 17:10:38.789	4G	3300	477	43211	-102.48 Very Poor	-30 No Coverage	-63.44 Excellent	0
49	2022-02-24 17:12:33.898	4G	3300	35	43211	-111.67 Very Bad	-29.69 No Coverage	-72.8 Good	0
48	2022-02-24 15:26:38.357	4G	3300	153	43211	-105.6 Bad	-30 No Coverage	-66.5 Very Good	0
48	2022-02-24 16:52:50.129	4G	3300	327	43211	-104.1 Very Poor	-30 No Coverage	-65 Excellent	0
46	2022-02-24 15:45:59.043	4G	3300	501	43211	-101.93 Very Poor	-28.63 No Coverage	-63.95 Excellent	0
46	2022-02-24 14:10:29.485	4G	3300	436	43211	-106.63 Bad	-27.3 No Coverage	-69.26 Very Good	0
46	2022-02-24 15:44:42.160	4G	3300	11	43211	-105.91 Bad	-30 No Coverage	-66.43 Very Good	0
46	2022-02-24 17:12:05.782	4G	3300	23	43211	-104.63 Very Poor	-30 No Coverage	-65.72 Very Good	0
46	2022-02-24 13:22:42.362	4G	3300	443	43211	-103.58 Very Poor	-30 No Coverage	-64.86 Excellent	0



46	2022-02-24 14:00:12.680	4G	3102	54	43211	-100.5 Very Poor	-30 No Coverage	-61.43 Excellent	0
46	2022-02-24 16:34:41.629	4G	3300	194	43211	-102.28 Very Poor	-30 No Coverage	-62.39 Excellent	0
46	2022-02-24 17:13:39.979	4G	3300	404	43211	-101.32 Very Poor	-30 No Coverage	-62.32 Excellent	0
46	2022-02-24 18:08:08.728	4G	3300	90	43211	-108.71 Bad	-29.65 No Coverage	-69.69 Very Good	0
45	2022-02-24 11:54:20.984	4G	1423	108	43211	-89.42 Good	-23.64 No Coverage	-56.31 Excellent	0
45	2022-02-24 14:41:02.831	4G	3300	171	43211	-108.71 Bad	-28.77 No Coverage	-71.05 Good	0
44	2022-02-24 15:48:47.603	4G	3300	124	43211	-102.11 Very Poor	-30 No Coverage	-63 Excellent	0
44	2022-02-24 15:59:52.522	4G	3300	352	43211	-104.72 Very Poor	-30 No Coverage	-65.77 Very Good	0
44	2022-02-24 15:44:34.735	4G	3300	460	43211	-103.65 Very Poor	-30 No Coverage	-64.27 Excellent	0
44	2022-02-24 12:56:49.724	4G	3102	497	43211	-98.4 Poor	-21.15 Awful	-66.72 Very Good	0
44	2022-02-24 17:26:47.496	4G	3300	105	43211	-101.38 Very Poor	-29.68 No Coverage	-62.95 Excellent	0
44	2022-02-24 17:01:52.090	4G	3300	234	43211	-99.88 Poor	-28.86 No Coverage	-62.09 Excellent	0
43	2022-02-24 16:01:13.670	4G	3300	80	43211	-99.51 Poor	-30 No Coverage	-60.79 Excellent	0
43	2022-02-24 16:24:25.676	4G	3300	328	43211	-108.39 Bad	-29.72 No Coverage	-69.42 Very Good	0
42	2022-02-24 16:43:19.034	4G	3300	141	43211	-100.26 Very Poor	-30 No Coverage	-61.09 Excellent	0
42	2022-02-24 16:47:14.026	4G	3300	205	43211	-102.85 Very Poor	-30 No Coverage	-63.71 Excellent	0
42	2022-02-24 16:45:10.759	4G	3300	56	43211	-104.16 Very Poor	-30 No Coverage	-64.71 Excellent	0
42	2022-02-24 13:19:42.859	4G	3300	491	43211	-105.21 Bad	-29.47 No Coverage	-66.19 Very Good	0
42	2022-02-24 16:22:12.161	4G	3300	144	43211	-105.71 Bad	-30 No Coverage	-67.57 Very Good	0
42	2022-02-24 16:21:49.796	4G	3300	335	43211	-106.47 Bad	-30 No Coverage	-67.23 Very Good	0
42	2022-02-24 18:01:52.998	4G	3300	208	43211	-100.07 Very Poor	-30 No Coverage	-60.15 Excellent	0
42	2022-02-24 17:19:11.523	4G	3300	482	43211	-106.73 Bad	-29.64 No Coverage	-67.85 Very Good	0



42	2022-02-24 17:44:02.247	4G	3300	425	43211	-100.26 Very Poor	-28.88 No Coverage	-62.33 Excellent	0
42	2022-02-24 12:57:35.083	4G	1423	495	43211	-92.69 Fair	-29.26 No Coverage	-54.39 Excellent	0
42	2022-02-24 17:46:14.529	4G	3300	422	43211	-108.97 Bad	-30 No Coverage	-70 Very Good	0
42	2022-02-24 16:24:03.254	4G	3300	441	43211	-102.14 Very Poor	-29.71 No Coverage	-63.19 Excellent	0
42	2022-02-24 17:25:17.326	4G	3300	433	43211	-102.8 Very Poor	-29.69 No Coverage	-64.09 Excellent	0
42	2022-02-24 15:39:01.722	4G	3300	284	43211	-112.14 Very Bad	-29.42 No Coverage	-73.38 Good	0
42	2022-02-24 17:12:32.456	4G	3300	488	43211	-101.3 Very Poor	-29 No Coverage	-63.09 Excellent	0
41	2022-02-24 14:18:23.219	4G	550	361	43211	-90.48 Fair	-22 Awful	-58 Excellent	0
40	2022-02-24 17:12:32.032	4G	3300	431	43211	-106.75 Bad	-30 No Coverage	-67.8 Very Good	0
40	2022-02-24 11:00:10.088	4G	550	413	43211	-88 Good	-13.45 Fair	-64.77 Excellent	0
40	2022-02-24 16:05:12.374	4G	3300	10	43211	-105.82 Bad	-30 No Coverage	-66.6 Very Good	0
40	2022-02-24 16:18:16.678	4G	3300	30	43211	-107.22 Bad	-30 No Coverage	-68.15 Very Good	0
40	2022-02-24 18:05:28.270	4G	3300	430	43211	-98.57 Poor	-30 No Coverage	-60 Excellent	0
40	2022-02-24 18:00:22.035	4G	3300	499	43211	-98.87 Poor	-30 No Coverage	-60.25 Excellent	0
40	2022-02-24 17:45:49.547	4G	3300	406	43211	-104.4 Very Poor	-30 No Coverage	-65.25 Very Good	0
40	2022-02-24 16:03:40.183	4G	3300	269	43211	-105.2 Bad	-27.37 No Coverage	-67.95 Very Good	0
40	2022-02-24 15:43:58.464	4G	3300	244	43211	-104.45 Very Poor	-30 No Coverage	-65.4 Very Good	0
40	2022-02-24 14:11:03.908	4G	3102	299	43211	-103.77 Very Poor	-30 No Coverage	-64.65 Excellent	0
40	2022-02-24 15:39:28.364	4G	3300	13	43211	-105.92 Bad	-30 No Coverage	-67 Very Good	0
40	2022-02-24 17:26:31.489	4G	3300	148	43211	-101.57 Very Poor	-30 No Coverage	-62.4 Excellent	0
40	2022-02-24 12:00:08.466	4G	550	110	43211	-94.7 Fair	-19.12 Very Bad	-67.22 Very Good	0
40	2022-02-24 15:41:14.240	4G	3300	494	43211	-107.82 Bad	-30 No Coverage	-68.8 Very Good	0



40	2022-02-24 17:43:22.539	4G	3300	52	43211	-103.02 Very Poor	-30 No Coverage	-64.4 Excellent	0
40	2022-02-24 16:34:18.727	4G	3300	202	43211	-98.97 Poor	-30 No Coverage	-60.3 Excellent	0
40	2022-02-24 17:05:29.690	4G	3300	236	43211	-101.2 Very Poor	-29.65 No Coverage	-62.7 Excellent	0
40	2022-02-24 14:27:45.507	4G	3300	32	43211	-108.9 Bad	-30 No Coverage	-69.5 Very Good	0
40	2022-02-24 16:20:30.904	4G	3300	116	43211	-98.47 Poor	-30 No Coverage	-59.15 Excellent	0
40	2022-02-24 16:36:28.868	4G	3300	466	43211	-99.55 Poor	-30 No Coverage	-60.8 Excellent	0
40	2022-02-24 18:00:19.450	4G	3300	369	43211	-103.95 Very Poor	-30 No Coverage	-64.95 Excellent	0
40	2022-02-24 17:44:58.825	4G	3300	154	43211	-103.22 Very Poor	-30 No Coverage	-64.25 Excellent	0
40	2022-02-24 16:57:40.298	4G	3300	387	43211	-101.12 Very Poor	-30 No Coverage	-62.2 Excellent	0
40	2022-02-24 18:08:44.067	4G	3300	426	43211	-99.97 Poor	-30 No Coverage	-60.7 Excellent	0
40	2022-02-24 17:47:39.928	4G	3300	262	43211	-104.65 Very Poor	-29.67 No Coverage	-65.9 Very Good	0
40	2022-02-24 16:07:09.340	4G	3300	391	43211	-106.65 Bad	-30 No Coverage	-67.6 Very Good	0
40	2022-02-24 17:22:23.387	4G	3300	270	43211	-105.07 Bad	-30 No Coverage	-65.8 Very Good	0
40	2022-02-24 16:15:50.692	4G	3300	123	43211	-105.45 Bad	-28.97 No Coverage	-67.1 Very Good	0
40	2022-02-24 17:31:35.278	4G	3300	185	43211	-101.52 Very Poor	-28.4 No Coverage	-63.7 Excellent	0
40	2022-02-24 15:41:26.318	4G	3300	242	43211	-112.42 Very Bad	-30 No Coverage	-73.7 Good	0
40	2022-02-24 17:53:45.047	4G	3102	150	43211	-100.97 Very Poor	-30 No Coverage	-62.1 Excellent	0
39	2022-02-24 18:02:41.406	4G	3300	365	43211	-103.89 Very Poor	-30 No Coverage	-64.52 Excellent	0
38	2022-02-24 15:20:41.741	4G	3300	159	43211	-106.21 Bad	-29.39 No Coverage	-67.84 Very Good	0
38	2022-02-24 11:12:50.830	4G	3102	345	43211	-99.57 Poor	-30 No Coverage	-60.21 Excellent	0
38	2022-02-24 17:02:11.274	4G	3300	251	43211	-107.23 Bad	-30 No Coverage	-68.38 Very Good	0
38	2022-02-24 17:16:07.077	4G	3300	82	43211	-109.21 Bad	-30 No Coverage	-69.84 Very Good	0



38	2022-02-24 17:24:38.017	4G	3300	464	43211	-97.55 Poor	-30 No Coverage	-59 Excellent	0
38	2022-02-24 13:00:53.132	4G	1423	345	43211	-100.02 Very Poor	-29.23 No Coverage	-61.75 Excellent	0
37	2022-02-24 17:13:09.182	4G	3102	117	43211	-101.37 Very Poor	-27.78 No Coverage	-66 Very Good	0
36	2022-02-24 14:14:50.701	4G	3300	221	43211	-103.97 Very Poor	-30 No Coverage	-64.77 Excellent	0
36	2022-02-24 15:42:50.265	4G	3300	388	43211	-103.69 Very Poor	-28.3 No Coverage	-65.83 Very Good	0
36	2022-02-24 13:03:17.247	4G	3102	170	43211	-103.52 Very Poor	-30 No Coverage	-64.38 Excellent	0
36	2022-02-24 11:02:55.417	4G	3102	212	43211	-105.36 Bad	-29.41 No Coverage	-67.1 Very Good	0
36	2022-02-24 17:46:05.223	4G	3300	399	43211	-102.22 Very Poor	-30 No Coverage	-63.33 Excellent	0
36	2022-02-24 17:08:27.229	4G	3300	226	43211	-105.05 Bad	-30 No Coverage	-65.33 Very Good	0
36	2022-02-24 15:40:28.191	4G	3300	203	43211	-107.08 Bad	-28.75 No Coverage	-69.61 Very Good	0
36	2022-02-24 17:46:08.369	4G	550	373	43211	-97.05 Poor	-21.11 Awful	-65.11 Very Good	0
35	2022-02-24 15:00:13.139	4G	3300	85	43211	-102.4 Very Poor	-30 No Coverage	-63.58 Excellent	0
35	2022-02-24 15:33:35.438	4G	3102	125	43211	-98.4 Poor	-19.77 Very Bad	-68.22 Very Good	0
34	2022-02-24 11:14:50.312	4G	3102	238	43211	-101.88 Very Poor	-30 No Coverage	-62.82 Excellent	0
34	2022-02-24 17:57:40.578	4G	3300	113	43211	-103.32 Very Poor	-30 No Coverage	-64.11 Excellent	0
34	2022-02-24 15:43:11.592	4G	550	125	43211	-105.11 Bad	-19.5 Very Bad	-75.2 Fair	0
34	2022-02-24 17:37:40.386	4G	3102	280	43211	-101.38 Very Poor	-24.08 No Coverage	-69.44 Very Good	0
32	2022-02-24 12:17:18.233	4G	3300	407	43211	-103.37 Very Poor	-30 No Coverage	-64.37 Excellent	0
32	2022-02-24 16:17:26.360	4G	3300	287	43211	-98.93 Poor	-30 No Coverage	-59.62 Excellent	0
32	2022-02-24 14:31:00.747	4G	3300	66	43211	-108.25 Bad	-30 No Coverage	-69.25 Very Good	0
32	2022-02-24 16:16:58.831	4G	3300	368	43211	-105.71 Bad	-30 No Coverage	-66.81 Very Good	0
32	2022-02-24 15:59:32.024	4G	3300	243	43211	-100.43 Very Poor	-29.25 No Coverage	-61.62 Excellent	0



32	2022-02-24 17:12:46.024	4G	3300	91	43211	-105.28 Bad	-28.68 No Coverage	-66.56 Very Good	0
32	2022-02-24 15:23:52.593	4G	3300	415	43211	-107.21 Bad	-29.68 No Coverage	-68.37 Very Good	0
32	2022-02-24 16:17:06.112	4G	3300	200	43211	-106.62 Bad	-29.5 No Coverage	-67.31 Very Good	0
32	2022-02-24 14:14:06.313	4G	3300	176	43211	-105.28 Bad	-30 No Coverage	-64.72 Excellent	0
32	2022-02-24 11:13:32.707	4G	3102	113	43211	-99.75 Poor	-30 No Coverage	-60.75 Excellent	0
32	2022-02-24 11:18:22.481	4G	3102	443	43211	-99.78 Poor	-30 No Coverage	-60.81 Excellent	0
32	2022-02-24 12:57:34.833	4G	550	497	43211	-101.59 Very Poor	-19.65 Very Bad	-71.65 Good	0
32	2022-02-24 17:43:32.916	4G	3300	192	43211	-104.87 Very Poor	-29.68 No Coverage	-66 Very Good	0
32	2022-02-24 14:10:55.134	4G	3102	257	43211	-106.03 Bad	-30 No Coverage	-67.12 Very Good	0
32	2022-02-24 16:52:11.310	4G	3300	503	43211	-106.25 Bad	-28.5 No Coverage	-69.06 Very Good	0
32	2022-02-24 15:51:41.192	4G	3300	410	43211	-99.65 Poor	-30 No Coverage	-60.81 Excellent	0
31	2022-02-24 14:10:00.294	4G	1423	137	43211	-93.87 Fair	-20.16 Awful	-64.4 Excellent	0
30	2022-02-24 11:00:06.383	4G	1423	413	43211	-76.56 Excellent	-9.66 Very Good	-56.66 Excellent	0
30	2022-02-24 11:29:51.421	4G	3300	379	43211	-98.56 Poor	-30 No Coverage	-59.46 Excellent	0
30	2022-02-24 16:22:09.085	4G	3300	209	43211	-103.33 Very Poor	-30 No Coverage	-64.26 Excellent	0
30	2022-02-24 12:30:57.114	4G	3300	174	43211	-105.96 Bad	-30 No Coverage	-66.8 Very Good	0
30	2022-02-24 18:08:56.578	4G	3300	54	43211	-103.96 Very Poor	-30 No Coverage	-64.93 Excellent	0
30	2022-02-24 16:32:21.780	4G	3300	442	43211	-99.23 Poor	-30 No Coverage	-60.33 Excellent	0
30	2022-02-24 17:44:11.079	4G	3300	250	43211	-101.93 Very Poor	-27.96 No Coverage	-64.93 Excellent	0
30	2022-02-24 17:21:17.185	4G	3300	458	43211	-103.86 Very Poor	-30 No Coverage	-64.86 Excellent	0
30	2022-02-24 13:07:56.395	4G	3300	89	43211	-106.03 Bad	-30 No Coverage	-66.86 Very Good	0
30	2022-02-24 17:03:39.833	4G	3300	273	43211	-105.6 Bad	-30 No Coverage	-66.46 Very Good	0



30	2022-02-24 17:41:39.605	4G	3300	492	43211	-104.43 Very Poor	-30 No Coverage	-65.6 Very Good	0
30	2022-02-24 14:35:30.166	4G	3300	281	43211	-110.4 Very Bad	-30 No Coverage	-71 Good	0
30	2022-02-24 17:09:46.049	4G	3300	383	43211	-100.63 Very Poor	-29.7 No Coverage	-61.93 Excellent	0
30	2022-02-24 14:28:11.765	4G	3300	292	43211	-108.1 Bad	-30 No Coverage	-69.2 Very Good	0
30	2022-02-24 17:15:16.455	4G	3300	408	43211	-109.13 Bad	-29.7 No Coverage	-70.46 Good	0
30	2022-02-24 15:17:57.495	4G	3300	120	43211	-104.46 Very Poor	-29.53 No Coverage	-65.13 Very Good	0
30	2022-02-24 16:49:58.110	4G	3300	55	43211	-104.93 Very Poor	-30 No Coverage	-65.93 Very Good	0
30	2022-02-24 15:34:28.149	4G	3300	487	43211	-111.4 Very Bad	-30 No Coverage	-72.26 Good	0
30	2022-02-24 14:20:19.045	4G	3300	459	43211	-96.66 Poor	-30 No Coverage	-57.86 Excellent	0
30	2022-02-24 17:02:41.062	4G	3300	129	43211	-107.16 Bad	-30 No Coverage	-67.93 Very Good	0
30	2022-02-24 15:38:11.950	4G	3300	95	43211	-107.73 Bad	-30 No Coverage	-68.73 Very Good	0
30	2022-02-24 15:06:13.563	4G	3300	274	43211	-97.76 Poor	-30 No Coverage	-58.66 Excellent	0
30	2022-02-24 15:46:30.274	4G	3300	92	43211	-103.33 Very Poor	-30 No Coverage	-64.13 Excellent	0
30	2022-02-24 14:36:23.577	4G	3300	60	43211	-111.06 Very Bad	-28.5 No Coverage	-72.73 Good	0
30	2022-02-24 11:16:06.535	4G	3102	394	43211	-99.03 Poor	-30 No Coverage	-59.66 Excellent	0
30	2022-02-24 17:36:27.829	4G	3102	107	43211	-104.16 Very Poor	-30 No Coverage	-65.13 Very Good	0
30	2022-02-24 17:52:26.234	4G	3102	28	43211	-96.73 Poor	-30 No Coverage	-57.66 Excellent	0
30	2022-02-24 11:13:19.262	4G	3102	29	43211	-98.33 Poor	-30 No Coverage	-59.46 Excellent	0
30	2022-02-24 11:19:24.740	4G	3102	21	43211	-99.53 Poor	-29.6 No Coverage	-60.93 Excellent	0
30	2022-02-24 17:53:20.481	4G	3102	492	43211	-99.13 Poor	-30 No Coverage	-60.33 Excellent	0
30	2022-02-24 11:18:00.127	4G	3102	334	43211	-99.53 Poor	-30 No Coverage	-60.8 Excellent	0
30	2022-02-24 17:37:47.812	4G	3102	273	43211	-102.53 Very Poor	-30 No Coverage	-63.26 Excellent	0



30	2022-02-24 13:03:26.059	4G	3102	348	43211	-100.2 Very Poor	-29.5 No Coverage	-61.8 Excellent	0
30	2022-02-24 11:15:21.593	4G	3102	333	43211	-98.46 Poor	-30 No Coverage	-59.26 Excellent	0
30	2022-02-24 17:55:29.810	4G	3102	486	43211	-96.53 Poor	-30 No Coverage	-57.46 Excellent	0
30	2022-02-24 17:53:12.196	4G	3102	197	43211	-98.4 Poor	-30 No Coverage	-59.2 Excellent	0
30	2022-02-24 15:47:10.595	4G	3300	84	43211	-104.5 Very Poor	-30 No Coverage	-65.73 Very Good	0
30	2022-02-24 18:00:40.637	4G	3300	8	43211	-99.83 Poor	-30 No Coverage	-60.93 Excellent	0
30	2022-02-24 17:19:07.647	4G	3300	178	43211	-100.86 Very Poor	-30 No Coverage	-61.4 Excellent	0
30	2022-02-24 16:09:48.364	4G	3300	286	43211	-107.8 Bad	-29.16 No Coverage	-69.26 Very Good	0
30	2022-02-24 15:16:40.609	4G	3300	29	43211	-103.93 Very Poor	-28.6 No Coverage	-65.13 Very Good	0
30	2022-02-24 15:39:03.380	4G	3300	461	43211	-115.13 Awful	-28.86 No Coverage	-77.2 Fair	0
30	2022-02-24 14:46:10.408	4G	3300	307	43211	-100.86 Very Poor	-30 No Coverage	-61.93 Excellent	0
30	2022-02-24 17:29:21.675	4G	3300	428	43211	-101.73 Very Poor	-30 No Coverage	-62.33 Excellent	0
30	2022-02-24 17:41:30.414	4G	3300	180	43211	-101.63 Very Poor	-30 No Coverage	-62.26 Excellent	0
30	2022-02-24 15:42:02.436	4G	3300	285	43211	-107.56 Bad	-30 No Coverage	-68.26 Very Good	0
30	2022-02-24 12:39:13.972	4G	3300	186	43211	-107.13 Bad	-30 No Coverage	-68.46 Very Good	0
30	2022-02-24 17:12:47.889	4G	3300	283	43211	-108.2 Bad	-30 No Coverage	-68.93 Very Good	0
30	2022-02-24 13:34:13.772	4G	3300	304	43211	-99.23 Poor	-30 No Coverage	-60.26 Excellent	0
30	2022-02-24 17:03:30.639	4G	3300	168	43211	-109.43 Bad	-30 No Coverage	-70.06 Good	0
30	2022-02-24 14:43:00.588	4G	3300	402	43211	-96.73 Poor	-30 No Coverage	-57.6 Excellent	0
30	2022-02-24 18:04:05.024	4G	3300	297	43211	-105.6 Bad	-30 No Coverage	-66.26 Very Good	0
30	2022-02-24 18:02:29.994	4G	3300	463	43211	-101.86 Very Poor	-30 No Coverage	-62.73 Excellent	0
30	2022-02-24 14:51:32.346	4G	3300	177	43211	-109.23 Bad	-30 No Coverage	-70.13 Good	0



30	2022-02-24 16:41:57.408	4G	3300	103	43211	-104.5 Very Poor	-29.6 No Coverage	-65.33 Very Good	0
30	2022-02-24 16:03:39.765	4G	3300	450	43211	-108.66 Bad	-30 No Coverage	-69.66 Very Good	0
30	2022-02-24 17:05:35.432	4G	3300	447	43211	-103.73 Very Poor	-30 No Coverage	-64.6 Excellent	0
30	2022-02-24 16:40:59.267	4G	3300	403	43211	-107.33 Bad	-30 No Coverage	-67.8 Very Good	0
30	2022-02-24 18:00:21.611	4G	3300	94	43211	-103.13 Very Poor	-30 No Coverage	-64.2 Excellent	0
30	2022-02-24 15:40:08.669	4G	3300	451	43211	-109.23 Bad	-30 No Coverage	-70.6 Good	0
30	2022-02-24 15:35:07.363	4G	3300	311	43211	-109.16 Bad	-29.26 No Coverage	-70.13 Good	0
30	2022-02-24 16:14:37.270	4G	3300	457	43211	-101.53 Very Poor	-30 No Coverage	-62.4 Excellent	0
30	2022-02-24 15:47:55.412	4G	3300	12	43211	-107.43 Bad	-30 No Coverage	-68.53 Very Good	0
30	2022-02-24 16:37:59.518	4G	3300	313	43211	-98.46 Poor	-29.63 No Coverage	-59.53 Excellent	0
30	2022-02-24 16:01:05.881	4G	3300	81	43211	-109 Bad	-30 No Coverage	-70 Very Good	0
30	2022-02-24 17:47:39.184	4G	3300	279	43211	-101.26 Very Poor	-30 No Coverage	-61.93 Excellent	0
30	2022-02-24 18:02:10.687	4G	3300	396	43211	-104.9 Very Poor	-29.53 No Coverage	-66.13 Very Good	0
30	2022-02-24 18:04:02.683	4G	3300	126	43211	-100.03 Very Poor	-30 No Coverage	-61.06 Excellent	0
30	2022-02-24 16:28:58.302	4G	3300	63	43211	-104.73 Very Poor	-30 No Coverage	-65.46 Very Good	0
30	2022-02-24 17:02:17.383	4G	3300	340	43211	-102.83 Very Poor	-30 No Coverage	-63.4 Excellent	0
30	2022-02-24 17:44:47.329	4G	3300	62	43211	-103.7 Very Poor	-30 No Coverage	-65 Excellent	0
30	2022-02-24 15:55:11.947	4G	3300	366	43211	-111.46 Very Bad	-30 No Coverage	-72.13 Good	0
30	2022-02-24 17:55:29.599	4G	3102	193	43211	-100.66 Very Poor	-30 No Coverage	-61.8 Excellent	0
29	2022-02-24 16:01:29.758	4G	3300	268	43211	-107.93 Bad	-30 No Coverage	-68.42 Very Good	0
29	2022-02-24 17:45:02.606	4G	3300	33	43211	-110.17 Very Bad	-30 No Coverage	-70.78 Good	0
28	2022-02-24 16:35:59.063	4G	3300	272	43211	-94.6 Fair	-30 No Coverage	-56.46 Excellent	0



28	2022-02-24 17:28:03.561	4G	3300	165	43211	-106.14 Bad	-30 No Coverage	-66.23 Very Good	0
28	2022-02-24 16:58:38.023	4G	550	309	43211	-103.75 Very Poor	-21.17 Awful	-72.21 Good	0
28	2022-02-24 17:17:21.904	4G	1423	215	43211	-102.5 Very Poor	-21.21 Awful	-71.1 Good	0
28	2022-02-24 17:39:35.244	4G	1423	150	43211	-105.71 Bad	-30 No Coverage	-66.4 Very Good	0
27	2022-02-24 15:38:50.720	4G	3300	405	43211	-111.74 Very Bad	-30 No Coverage	-72.16 Good	0
27	2022-02-24 16:10:51.678	4G	3300	219	43211	-103.25 Very Poor	-30 No Coverage	-63.45 Excellent	0
27	2022-02-24 16:53:31.510	4G	3300	73	43211	-103.7 Very Poor	-30 No Coverage	-62.33 Excellent	0
26	2022-02-24 17:52:45.322	4G	3102	103	43211	-100.38 Very Poor	-30 No Coverage	-62 Excellent	0
26	2022-02-24 11:14:03.874	4G	3102	474	43211	-99.19 Poor	-30 No Coverage	-60.38 Excellent	0
26	2022-02-24 17:45:19.548	4G	3300	19	43211	-103.65 Very Poor	-30 No Coverage	-64.6 Excellent	0
26	2022-02-24 11:49:05.193	4G	3102	414	43211	-98.88 Poor	-30 No Coverage	-59.61 Excellent	0
26	2022-02-24 13:21:31.164	4G	3300	409	43211	-98.3 Poor	-30 No Coverage	-59.69 Excellent	0
26	2022-02-24 12:59:21.119	4G	1423	303	43211	-97.46 Poor	-30 No Coverage	-58.9 Excellent	0
26	2022-02-24 16:46:23.744	4G	3300	69	43211	-99.88 Poor	-29.65 No Coverage	-60.76 Excellent	0
26	2022-02-24 17:57:31.259	4G	3300	4	43211	-101.69 Very Poor	-30 No Coverage	-62.84 Excellent	0
25	2022-02-24 14:42:12.217	4G	1423	255	43211	-102.72 Very Poor	-22.4 No Coverage	-69.92 Very Good	0
24	2022-02-24 11:11:21.760	4G	3102	303	43211	-99.91 Poor	-30 No Coverage	-61 Excellent	0
24	2022-02-24 11:21:44.685	4G	3102	211	43211	-100.08 Very Poor	-28.83 No Coverage	-62.16 Excellent	0
24	2022-02-24 17:50:28.758	4G	3102	420	43211	-107.45 Bad	-30 No Coverage	-68 Very Good	0
24	2022-02-24 12:50:03.184	4G	3300	17	43211	-104.5 Very Poor	-30 No Coverage	-65.08 Very Good	0
24	2022-02-24 14:45:48.520	4G	3300	475	43211	-97.25 Poor	-27.79 No Coverage	-59.58 Excellent	0
24	2022-02-24 16:11:26.836	4G	3300	478	43211	-109.04 Bad	-30 No Coverage	-70.08 Good	0



22	2022-02-24 16:46:37.419	4G	3300	337	43211	-103.18 Very Poor	-30 No Coverage	-64.18 Excellent	0
22	2022-02-24 11:11:53.595	4G	3102	141	43211	-100.09 Very Poor	-30 No Coverage	-61.18 Excellent	0
22	2022-02-24 11:11:12.045	4G	3102	12	43211	-99.63 Poor	-30 No Coverage	-60.45 Excellent	0
22	2022-02-24 17:54:34.523	4G	3102	384	43211	-95.77 Poor	-30 No Coverage	-56.63 Excellent	0
22	2022-02-24 11:50:03.781	4G	3102	37	43211	-99.5 Poor	-30 No Coverage	-60.18 Excellent	0
22	2022-02-24 16:16:26.025	4G	3300	282	43211	-104 Very Poor	-30 No Coverage	-65 Excellent	0
22	2022-02-24 17:08:41.250	4G	3300	71	43211	-110.86 Very Bad	-30 No Coverage	-71.45 Good	0
22	2022-02-24 16:22:56.866	4G	3300	265	43211	-101.45 Very Poor	-30 No Coverage	-62.18 Excellent	0
22	2022-02-24 17:53:52.488	4G	3102	152	43211	-91.27 Fair	-25.95 No Coverage	-57.58 Excellent	0
21	2022-02-24 17:08:36.030	4G	1423	435	43211	-101.76 Very Poor	-21.42 Awful	-70.09 Good	0
20	2022-02-24 12:37:21.278	4G	3300	158	43211	-103.95 Very Poor	-30 No Coverage	-65.3 Very Good	0
20	2022-02-24 11:24:28.375	4G	3300	241	43211	-99.95 Poor	-30 No Coverage	-60.9 Excellent	0
20	2022-02-24 16:13:38.439	4G	3300	364	43211	-104.55 Very Poor	-30 No Coverage	-65.2 Very Good	0
20	2022-02-24 17:46:32.431	4G	3300	70	43211	-104.15 Very Poor	-30 No Coverage	-64.2 Excellent	0
20	2022-02-24 15:59:45.032	4G	3300	271	43211	-102.8 Very Poor	-29.1 No Coverage	-64.3 Excellent	0
20	2022-02-24 15:02:02.827	4G	3300	27	43211	-101 Very Poor	-28.55 No Coverage	-63.3 Excellent	0
20	2022-02-24 17:12:36.405	4G	3300	253	43211	-106.65 Bad	-30 No Coverage	-67.8 Very Good	0
20	2022-02-24 12:05:31.345	4G	3300	39	43211	-102.35 Very Poor	-30 No Coverage	-63.4 Excellent	0
20	2022-02-24 17:50:30.689	4G	3102	110	43211	-103 Very Poor	-30 No Coverage	-64 Excellent	0
20	2022-02-24 11:00:37.379	4G	3102	237	43211	-103.6 Very Poor	-30 No Coverage	-65.6 Very Good	0
20	2022-02-24 11:08:52.076	4G	3102	247	43211	-95.6 Poor	-30 No Coverage	-56.6 Excellent	0
20	2022-02-24 11:04:30.154	4G	3102	86	43211	-101.05 Very Poor	-30 No Coverage	-62.3 Excellent	0



20	2022-02-24 17:36:33.433	4G	3102	398	43211	-104.4 Very Poor	-30 No Coverage	-65.3 Very Good	0
20	2022-02-24 11:19:12.786	4G	3102	261	43211	-99.15 Poor	-30 No Coverage	-60.3 Excellent	0
20	2022-02-24 17:55:07.822	4G	3102	383	43211	-96.4 Poor	-30 No Coverage	-56.9 Excellent	0
20	2022-02-24 17:53:37.801	4G	3102	1	43211	-96.1 Poor	-30 No Coverage	-56.8 Excellent	0
20	2022-02-24 11:19:30.732	4G	3102	246	43211	-101.25 Very Poor	-30 No Coverage	-62.1 Excellent	0
20	2022-02-24 17:53:38.190	4G	3102	231	43211	-96.2 Poor	-30 No Coverage	-57.2 Excellent	0
20	2022-02-24 11:51:33.480	4G	3102	393	43211	-95.5 Poor	-30 No Coverage	-57.4 Excellent	0
20	2022-02-24 11:21:03.117	4G	3102	278	43211	-98.75 Poor	-30 No Coverage	-60 Excellent	0
20	2022-02-24 11:13:33.986	4G	3102	469	43211	-98.15 Poor	-30 No Coverage	-59.3 Excellent	0
20	2022-02-24 17:50:03.026	4G	3102	159	43211	-97.85 Poor	-30 No Coverage	-59.5 Excellent	0
20	2022-02-24 17:54:24.012	4G	3102	458	43211	-93.05 Fair	-30 No Coverage	-54.1 Excellent	0
20	2022-02-24 17:49:19.934	4G	3102	262	43211	-102.95 Very Poor	-30 No Coverage	-63.8 Excellent	0
20	2022-02-24 17:53:05.988	4G	3102	13	43211	-97.05 Poor	-30 No Coverage	-58.1 Excellent	0
20	2022-02-24 11:16:29.027	4G	3102	184	43211	-98.1 Poor	-28.05 No Coverage	-60.5 Excellent	0
20	2022-02-24 17:51:23.530	4G	3102	477	43211	-100.15 Very Poor	-30 No Coverage	-61.6 Excellent	0
20	2022-02-24 14:01:43.025	4G	3102	33	43211	-101.85 Very Poor	-30 No Coverage	-62.8 Excellent	0
20	2022-02-24 11:21:07.258	4G	3102	277	43211	-99.9 Poor	-29.3 No Coverage	-61.5 Excellent	0
20	2022-02-24 17:37:26.484	4G	3102	403	43211	-96.55 Poor	-30 No Coverage	-58.1 Excellent	0
20	2022-02-24 17:53:45.154	4G	3102	264	43211	-93.85 Fair	-30 No Coverage	-54.4 Excellent	0
20	2022-02-24 17:50:07.466	4G	3102	268	43211	-95.8 Poor	-30 No Coverage	-57 Excellent	0
20	2022-02-24 11:17:29.808	4G	3102	56	43211	-97.3 Poor	-26.75 No Coverage	-61.6 Excellent	0
20	2022-02-24 14:00:52.358	4G	1423	361	43211	-93.6 Fair	-25.9 No Coverage	-57.31 Excellent	0



20	2022-02-24 14:01:47.740	4G	3102	35	43211	-101.15 Very Poor	-30 No Coverage	-62.2 Excellent	0
20	2022-02-24 11:48:53.741	4G	3102	281	43211	-98.7 Poor	-30 No Coverage	-59.7 Excellent	0
20	2022-02-24 14:49:14.376	4G	3300	179	43211	-95.7 Poor	-30 No Coverage	-56.8 Excellent	0
20	2022-02-24 11:39:24.531	4G	3300	397	43211	-96 Poor	-30 No Coverage	-56.7 Excellent	0
20	2022-02-24 13:11:31.488	4G	3300	295	43211	-96 Poor	-28.05 No Coverage	-58.1 Excellent	0
20	2022-02-24 12:38:37.706	4G	3300	77	43211	-105.25 Bad	-30 No Coverage	-66.3 Very Good	0
20	2022-02-24 17:45:12.477	4G	3300	6	43211	-103.05 Very Poor	-29.5 No Coverage	-65.3 Very Good	0
20	2022-02-24 15:19:56.145	4G	3300	277	43211	-94 Fair	-30 No Coverage	-55.3 Excellent	0
20	2022-02-24 16:05:24.011	4G	3300	43	43211	-102.55 Very Poor	-29.35 No Coverage	-63.9 Excellent	0
20	2022-02-24 14:03:43.599	4G	3300	182	43211	-107.1 Bad	-30 No Coverage	-67.9 Very Good	0
20	2022-02-24 15:24:37.542	4G	3300	416	43211	-108.65 Bad	-29.25 No Coverage	-70.5 Good	0
20	2022-02-24 12:28:20.161	4G	3300	429	43211	-109.5 Bad	-30 No Coverage	-70.3 Good	0
20	2022-02-24 18:00:44.150	4G	3300	157	43211	-104.95 Very Poor	-30 No Coverage	-65.6 Very Good	0
20	2022-02-24 14:07:58.817	4G	3300	169	43211	-106.75 Bad	-29.4 No Coverage	-68.5 Very Good	0
20	2022-02-24 15:16:23.532	4G	3300	341	43211	-104.35 Very Poor	-28.05 No Coverage	-67.5 Very Good	0
20	2022-02-24 13:56:47.141	4G	3300	481	43211	-108.2 Bad	-29.25 No Coverage	-70 Very Good	0
20	2022-02-24 14:48:24.674	4G	3300	427	43211	-94.95 Fair	-30 No Coverage	-56.7 Excellent	0
20	2022-02-24 16:16:21.068	4G	3300	65	43211	-103.45 Very Poor	-30 No Coverage	-64.2 Excellent	0
20	2022-02-24 14:23:20.687	4G	3300	493	43211	-95.3 Poor	-30 No Coverage	-56.8 Excellent	0
20	2022-02-24 17:49:50.513	4G	3102	202	43211	-111.85 Very Bad	-30 No Coverage	-71.9 Good	0
20	2022-02-24 16:20:24.384	4G	3300	166	43211	-101.75 Very Poor	-30 No Coverage	-63 Excellent	0
20	2022-02-24 17:30:24.622	4G	3300	112	43211	-97.8 Poor	-30 No Coverage	-58.7 Excellent	0



20	2022-02-24 15:20:22.195	4G	3300	359	43211	-105.75 Bad	-30 No Coverage	-66.5 Very Good	0
20	2022-02-24 14:14:48.403	4G	3300	2	43211	-107.05 Bad	-30 No Coverage	-67.8 Very Good	0
20	2022-02-24 14:17:54.614	4G	3300	220	43211	-95.5 Poor	-30 No Coverage	-56.5 Excellent	0
20	2022-02-24 16:12:56.475	4G	3300	232	43211	-103.6 Very Poor	-30 No Coverage	-64.7 Excellent	0
20	2022-02-24 17:49:11.531	4G	3102	127	43211	-103.45 Very Poor	-26.75 No Coverage	-67.5 Very Good	0
20	2022-02-24 17:55:39.361	4G	3102	308	43211	-98.95 Poor	-30 No Coverage	-60.4 Excellent	0
20	2022-02-24 17:43:58.382	4G	3300	263	43211	-107.55 Bad	-30 No Coverage	-68.5 Very Good	0
20	2022-02-24 14:42:42.275	4G	3300	75	43211	-102 Very Poor	-29.4 No Coverage	-64.3 Excellent	0
20	2022-02-24 14:50:57.588	4G	3300	67	43211	-110.05 Very Bad	-27.7 No Coverage	-72 Good	0
20	2022-02-24 17:02:49.881	4G	3300	42	43211	-108.45 Bad	-29.1 No Coverage	-70 Very Good	0
20	2022-02-24 17:44:21.236	4G	3300	305	43211	-106.35 Bad	-30 No Coverage	-68 Very Good	0
20	2022-02-24 16:01:26.182	4G	3300	266	43211	-99.3 Poor	-29.05 No Coverage	-60.8 Excellent	0
20	2022-02-24 15:51:47.582	4G	3300	25	43211	-102.25 Very Poor	-30 No Coverage	-63.6 Excellent	0
20	2022-02-24 18:04:06.986	4G	3300	195	43211	-98.7 Poor	-30 No Coverage	-59.5 Excellent	0
20	2022-02-24 15:46:58.372	4G	3300	259	43211	-107.95 Bad	-30 No Coverage	-68.7 Very Good	0
20	2022-02-24 17:45:06.808	4G	3300	434	43211	-103.9 Very Poor	-30 No Coverage	-64.9 Excellent	0
20	2022-02-24 17:15:15.552	4G	3300	151	43211	-104.8 Very Poor	-30 No Coverage	-65.5 Very Good	0
20	2022-02-24 17:53:14.471	4G	3102	491	43211	-94.75 Fair	-30 No Coverage	-55.5 Excellent	0
20	2022-02-24 17:54:57.687	4G	3102	227	43211	-93.45 Fair	-30 No Coverage	-54.4 Excellent	0
20	2022-02-24 17:54:53.994	4G	3102	355	43211	-94.4 Fair	-30 No Coverage	-55 Excellent	0
20	2022-02-24 17:53:31.832	4G	3102	16	43211	-93.95 Fair	-30 No Coverage	-55 Excellent	0
18	2022-02-24 15:23:40.508	4G	3300	331	43211	-102.61 Very Poor	-30 No Coverage	-63.33 Excellent	0



17	2022-02-24 17:12:51.009	4G	3300	16	43211	-106.29 Bad	-29.35 No Coverage	-69.1 Very Good	0
17	2022-02-24 17:17:15.056	4G	3102	215	43211	-95.05 Poor	-19.17 Very Bad	-65.47 Very Good	0
16	2022-02-24 11:00:11.319	4G	3102	269	43211	-105.18 Bad	-30 No Coverage	-67.12 Very Good	0
16	2022-02-24 16:20:52.905	4G	3300	480	43211	-110.37 Very Bad	-29.25 No Coverage	-74 Good	0
16	2022-02-24 11:48:59.222	4G	3102	183	43211	-99.31 Poor	-30 No Coverage	-60.5 Excellent	0
16	2022-02-24 13:04:31.141	4G	1423	323	43211	-94.81 Fair	-30 No Coverage	-55.86 Excellent	0
16	2022-02-24 18:00:55.188	4G	3300	24	43211	-106.87 Bad	-30 No Coverage	-64.33 Excellent	0
16	2022-02-24 17:50:59.442	4G	3102	70	43211	-100.75 Very Poor	-30 No Coverage	-61.87 Excellent	0
15	2022-02-24 17:04:59.622	4G	3300	384	43211	-101.66 Very Poor	-30 No Coverage	-63.8 Excellent	0
14	2022-02-24 10:53:00.730	4G	3300	329	43211	-103.28 Very Poor	-28.85 No Coverage	-65 Excellent	0
14	2022-02-24 11:01:19.226	4G	3102	351	43211	-95.78 Poor	-30 No Coverage	-56 Excellent	0
14	2022-02-24 11:41:50.367	4G	3102	495	43211	-98.64 Poor	-27 No Coverage	-63.77 Excellent	0
14	2022-02-24 11:48:25.382	4G	3102	95	43211	-90.21 Fair	-30 No Coverage	-50.85 Excellent	0
14	2022-02-24 17:03:55.242	4G	3300	357	43211	-118.14 Awful	-29 No Coverage	-79.85 Fair	0
14	2022-02-24 17:50:49.361	4G	3102	381	43211	-100.14 Very Poor	-30 No Coverage	-61.42 Excellent	0
14	2022-02-24 17:52:01.385	4G	3102	121	43211	-96.14 Poor	-30 No Coverage	-57.57 Excellent	0
14	2022-02-24 17:55:21.156	4G	3102	139	43211	-93.07 Fair	-30 No Coverage	-53.85 Excellent	0
14	2022-02-24 17:55:51.333	4G	3102	36	43211	-107 Bad	-30 No Coverage	-67.42 Very Good	0
13	2022-02-24 12:57:41.058	4G	1423	175	43211	-101.69 Very Poor	-26.69 No Coverage	-66.36 Very Good	0
12	2022-02-24 11:05:05.095	4G	3102	48	43211	-99.91 Poor	-30 No Coverage	-60.83 Excellent	0
12	2022-02-24 11:12:45.700	4G	3102	83	43211	-101.25 Very Poor	-30 No Coverage	-62.16 Excellent	0
12	2022-02-24 16:06:23.946	4G	3300	22	43211	-104.66 Very Poor	-30 No Coverage	-65.7 Very Good	0



12	2022-02-24 14:00:15.226	4G	3102	142	43211	-90.58 Fair	-30 No Coverage	-52 Excellent	0
12	2022-02-24 14:08:38.242	4G	550	136	43211	-104.5 Very Poor	-19.5 Very Bad	-73.91 Good	0
12	2022-02-24 17:37:13.313	4G	3102	404	43211	-104 Very Poor	-30 No Coverage	-65.5 Very Good	0
12	2022-02-24 17:51:31.135	4G	3102	72	43211	-97.5 Poor	-30 No Coverage	-58.83 Excellent	0
11	2022-02-24 11:58:06.002	4G	1423	378	43211	-98.72 Poor	-30 No Coverage	-59.72 Excellent	0
11	2022-02-24 17:36:21.904	4G	3102	175	43211	-109.9 Bad	-29.18 No Coverage	-72 Good	0
11	2022-02-24 13:03:39.969	4G	1423	449	43211	-96.45 Poor	-28.09 No Coverage	-58.72 Excellent	0
11	2022-02-24 14:22:02.474	4G	550	338	43211	-102.27 Very Poor	-23.36 No Coverage	-68.18 Very Good	0
11	2022-02-24 15:23:36.587	4G	3102	435	43211	-95.72 Poor	-22.54 No Coverage	-63.63 Excellent	0
11	2022-02-24 17:13:02.851	4G	550	280	43211	-107.18 Bad	-22.54 No Coverage	-74.27 Good	0
11	2022-02-24 17:56:13.150	4G	1423	197	43211	-96.45 Poor	-30 No Coverage	-56.88 Excellent	0
10	2022-02-24 10:16:31.804	4G	3300	68	43211	-105 Very Poor	-30 No Coverage	-65.8 Very Good	0
10	2022-02-24 10:20:05.155	4G	3300	229	43211	-102.9 Very Poor	-30 No Coverage	-63.6 Excellent	0
10	2022-02-24 10:23:11.522	4G	3300	346	43211	-105 Very Poor	-30 No Coverage	-66 Very Good	0
10	2022-02-24 10:33:07.584	4G	3300	462	43211	-103.7 Very Poor	-25.4 No Coverage	-65.2 Very Good	0
10	2022-02-24 10:38:47.278	4G	3300	173	43211	-103.8 Very Poor	-30 No Coverage	-64.6 Excellent	0
10	2022-02-24 10:55:04.921	4G	3300	115	43211	-104.2 Very Poor	-30 No Coverage	-65.2 Very Good	0
10	2022-02-24 10:55:30.629	4G	3300	53	43211	-101.5 Very Poor	-30 No Coverage	-62.6 Excellent	0
10	2022-02-24 10:58:32.837	4G	3102	248	43211	-105.1 Bad	-30 No Coverage	-66.2 Very Good	0
10	2022-02-24 10:58:36.755	4G	3102	285	43211	-106.2 Bad	-30 No Coverage	-67.4 Very Good	0
10	2022-02-24 10:58:56.796	4G	3102	402	43211	-106.6 Bad	-30 No Coverage	-67.2 Very Good	0
10	2022-02-24 10:59:05.378	4G	3102	233	43211	-106.7 Bad	-30 No Coverage	-67.2 Very Good	0



10	2022-02-24 10:59:21.932	4G	3102	318	43211	-104.8 Very Poor	-30 No Coverage	-65.6 Very Good	0
10	2022-02-24 10:59:45.400	4G	3102	239	43211	-105.1 Bad	-28.9 No Coverage	-67.2 Very Good	0
10	2022-02-24 10:59:46.232	4G	3102	389	43211	-106.1 Bad	-30 No Coverage	-66.8 Very Good	0
10	2022-02-24 10:59:57.090	4G	3102	176	43211	-108.4 Bad	-30 No Coverage	-69.8 Very Good	0
10	2022-02-24 11:00:06.406	4G	3102	135	43211	-106.9 Bad	-30 No Coverage	-67.6 Very Good	0
10	2022-02-24 11:00:10.077	4G	3102	406	43211	-106.7 Bad	-30 No Coverage	-67.4 Very Good	0
10	2022-02-24 11:00:13.929	4G	3102	501	43211	-105.6 Bad	-30 No Coverage	-66.2 Very Good	0
10	2022-02-24 11:00:24.380	4G	3102	341	43211	-103.6 Very Poor	-30 No Coverage	-64.2 Excellent	0
10	2022-02-24 11:00:35.716	4G	3102	489	43211	-99.2 Poor	-30 No Coverage	-60.2 Excellent	0
10	2022-02-24 11:00:38.693	4G	3102	46	43211	-98.4 Poor	-30 No Coverage	-59.4 Excellent	0
10	2022-02-24 11:01:24.010	4G	3102	41	43211	-96.9 Poor	-28.6 No Coverage	-58.2 Excellent	0
10	2022-02-24 11:01:29.972	4G	3102	34	43211	-98.4 Poor	-25.6 No Coverage	-62.8 Excellent	0
10	2022-02-24 11:01:38.164	4G	3102	295	43211	-101.1 Very Poor	-30 No Coverage	-62.4 Excellent	0
10	2022-02-24 11:01:53.257	4G	3102	249	43211	-100.2 Very Poor	-30 No Coverage	-61.4 Excellent	0
10	2022-02-24 11:02:01.593	4G	3102	297	43211	-99 Poor	-30 No Coverage	-60 Excellent	0
10	2022-02-24 11:02:04.168	4G	3102	366	43211	-99 Poor	-30 No Coverage	-59.8 Excellent	0
10	2022-02-24 11:02:15.819	4G	3102	60	43211	-100.8 Very Poor	-30 No Coverage	-61.2 Excellent	0
10	2022-02-24 11:02:33.114	4G	3102	51	43211	-101 Very Poor	-30 No Coverage	-61.6 Excellent	0
10	2022-02-24 11:02:43.806	4G	3102	461	43211	-100.2 Very Poor	-30 No Coverage	-61.2 Excellent	0
10	2022-02-24 11:03:04.534	4G	3102	4	43211	-100.9 Very Poor	-30 No Coverage	-61.6 Excellent	0
10	2022-02-24 11:03:31.113	4G	3102	330	43211	-94.9 Fair	-25.4 No Coverage	-60 Excellent	0
10	2022-02-24 11:03:51.575	4G	3102	263	43211	-99.3 Poor	-30 No Coverage	-60.6 Excellent	0



10	2022-02-24 11:04:05.442	4G	3102	487	43211	-97.8 Poor	-30 No Coverage	-59 Excellent	0
10	2022-02-24 11:04:16.180	4G	3102	130	43211	-99.8 Poor	-30 No Coverage	-61 Excellent	0
10	2022-02-24 11:04:40.097	4G	3102	503	43211	-101 Very Poor	-30 No Coverage	-61.8 Excellent	0
10	2022-02-24 11:04:44.366	4G	3102	378	43211	-99.3 Poor	-30 No Coverage	-60.6 Excellent	0
10	2022-02-24 11:05:02.807	4G	3102	407	43211	-101 Very Poor	-30 No Coverage	-62.2 Excellent	0
10	2022-02-24 11:05:04.251	4G	3102	432	43211	-101.9 Very Poor	-30 No Coverage	-62.6 Excellent	0
10	2022-02-24 11:05:48.086	4G	3102	182	43211	-98.7 Poor	-30 No Coverage	-59.6 Excellent	0
10	2022-02-24 11:06:43.780	4G	3102	478	43211	-96.4 Poor	-30 No Coverage	-57.8 Excellent	0
10	2022-02-24 11:07:21.067	4G	3102	282	43211	-95.3 Poor	-30 No Coverage	-56.6 Excellent	0
10	2022-02-24 11:07:26.296	4G	3102	42	43211	-93.2 Fair	-25.2 No Coverage	-55.4 Excellent	0
10	2022-02-24 11:09:43.417	4G	3102	43	43211	-95.9 Poor	-30 No Coverage	-56.8 Excellent	0
10	2022-02-24 11:10:34.905	4G	3102	66	43211	-99.2 Poor	-30 No Coverage	-60.8 Excellent	0
10	2022-02-24 11:10:36.378	4G	3102	138	43211	-102.4 Very Poor	-30 No Coverage	-63.8 Excellent	0
10	2022-02-24 11:10:45.369	4G	3102	69	43211	-101 Very Poor	-30 No Coverage	-62 Excellent	0
10	2022-02-24 11:10:57.140	4G	3102	460	43211	-99.2 Poor	-28.5 No Coverage	-61.2 Excellent	0
10	2022-02-24 11:11:06.714	4G	3102	131	43211	-101.5 Very Poor	-30 No Coverage	-62 Excellent	0
10	2022-02-24 11:11:15.233	4G	3102	198	43211	-98.9 Poor	-30 No Coverage	-60.2 Excellent	0
10	2022-02-24 11:11:47.766	4G	3102	397	43211	-95.7 Poor	-26.1 No Coverage	-59 Excellent	0
10	2022-02-24 11:11:53.366	4G	3102	416	43211	-98.4 Poor	-28.6 No Coverage	-60.6 Excellent	0
10	2022-02-24 11:11:56.892	4G	3102	45	43211	-99.4 Poor	-30 No Coverage	-60.6 Excellent	0
10	2022-02-24 11:11:58.142	4G	3102	124	43211	-98.4 Poor	-30 No Coverage	-59.8 Excellent	0
10	2022-02-24 11:11:59.771	4G	3102	187	43211	-99.7 Poor	-30 No Coverage	-60.4 Excellent	0



10	2022-02-24 11:12:17.700	4G	3102	296	43211	-100 Poor	-30 No Coverage	-60.8 Excellent	0
10	2022-02-24 11:12:23.181	4G	3102	304	43211	-97.7 Poor	-30 No Coverage	-58.4 Excellent	0
10	2022-02-24 11:12:28.400	4G	3102	356	43211	-96.9 Poor	-30 No Coverage	-57.6 Excellent	0
10	2022-02-24 11:12:29.370	4G	3102	471	43211	-97.7 Poor	-30 No Coverage	-58.4 Excellent	0
10	2022-02-24 11:12:58.772	4G	3102	422	43211	-99.2 Poor	-30 No Coverage	-60.4 Excellent	0
10	2022-02-24 11:13:02.405	4G	3102	147	43211	-101.1 Very Poor	-30 No Coverage	-61.6 Excellent	0
10	2022-02-24 11:13:41.551	4G	3102	424	43211	-100.8 Very Poor	-30 No Coverage	-62 Excellent	0
10	2022-02-24 11:13:49.642	4G	3102	223	43211	-102 Very Poor	-30 No Coverage	-62.6 Excellent	0
10	2022-02-24 11:13:58.668	4G	3102	220	43211	-98.9 Poor	-30 No Coverage	-59.8 Excellent	0
10	2022-02-24 11:14:31.550	4G	3102	229	43211	-98.1 Poor	-30 No Coverage	-59.2 Excellent	0
10	2022-02-24 11:14:36.436	4G	3102	164	43211	-97.9 Poor	-30 No Coverage	-58.8 Excellent	0
10	2022-02-24 11:14:51.389	4G	3102	123	43211	-99.2 Poor	-30 No Coverage	-60 Excellent	0
10	2022-02-24 11:14:54.100	4G	3102	15	43211	-97.9 Poor	-30 No Coverage	-58.8 Excellent	0
10	2022-02-24 11:15:05.467	4G	3102	449	43211	-98.3 Poor	-28.9 No Coverage	-60.4 Excellent	0
10	2022-02-24 11:15:07.753	4G	3102	283	43211	-98.8 Poor	-30 No Coverage	-59.6 Excellent	0
10	2022-02-24 11:15:35.569	4G	3102	106	43211	-100.9 Very Poor	-30 No Coverage	-61.8 Excellent	0
10	2022-02-24 11:15:47.341	4G	3102	156	43211	-98.5 Poor	-30 No Coverage	-60.2 Excellent	0
10	2022-02-24 11:16:06.877	4G	3102	91	43211	-92.4 Fair	-30 No Coverage	-54.2 Excellent	0
10	2022-02-24 11:16:41.687	4G	3102	167	43211	-101.8 Very Poor	-30 No Coverage	-62.6 Excellent	0
10	2022-02-24 11:16:50.038	4G	3102	400	43211	-99.2 Poor	-30 No Coverage	-60.4 Excellent	0
10	2022-02-24 11:16:53.813	4G	3102	496	43211	-99.3 Poor	-30 No Coverage	-60.8 Excellent	0
10	2022-02-24 11:16:55.719	4G	3102	228	43211	-100.4 Very Poor	-30 No Coverage	-61 Excellent	0



10	2022-02-24 11:16:59.945	4G	3102	468	43211	-102.8 Very Poor	-30 No Coverage	-63.6 Excellent	0
10	2022-02-24 11:17:06.387	4G	3102	40	43211	-103.2 Very Poor	-29 No Coverage	-64.4 Excellent	0
10	2022-02-24 11:17:10.827	4G	3102	347	43211	-103.7 Very Poor	-30 No Coverage	-64.4 Excellent	0
10	2022-02-24 11:17:37.779	4G	3102	118	43211	-99.9 Poor	-30 No Coverage	-60.8 Excellent	0
10	2022-02-24 11:17:44.621	4G	3102	160	43211	-101.5 Very Poor	-30 No Coverage	-62 Excellent	0
10	2022-02-24 11:18:22.898	4G	3102	232	43211	-101.1 Very Poor	-30 No Coverage	-62 Excellent	0
10	2022-02-24 11:18:24.558	4G	3102	221	43211	-101.5 Very Poor	-30 No Coverage	-62.6 Excellent	0
10	2022-02-24 11:18:33.329	4G	3102	357	43211	-102.4 Very Poor	-30 No Coverage	-63.2 Excellent	0
10	2022-02-24 11:18:36.832	4G	3102	391	43211	-99.9 Poor	-30 No Coverage	-60.8 Excellent	0
10	2022-02-24 11:19:39.358	4G	3102	73	43211	-100.2 Very Poor	-30 No Coverage	-61.4 Excellent	0
10	2022-02-24 11:19:43.066	4G	3102	276	43211	-100 Poor	-30 No Coverage	-61 Excellent	0
10	2022-02-24 11:20:08.523	4G	3102	196	43211	-100.3 Very Poor	-30 No Coverage	-61.2 Excellent	0
10	2022-02-24 11:21:25.645	4G	3102	129	43211	-98.7 Poor	-28.4 No Coverage	-60.6 Excellent	0
10	2022-02-24 11:21:46.116	4G	3102	226	43211	-99.4 Poor	-30 No Coverage	-60.6 Excellent	0
10	2022-02-24 11:23:52.255	4G	3300	160	43211	-96.6 Poor	-30 No Coverage	-57.6 Excellent	0
10	2022-02-24 11:26:04.760	4G	3300	76	43211	-98.5 Poor	-30 No Coverage	-59 Excellent	0
10	2022-02-24 11:26:33.105	4G	3300	140	43211	-99.7 Poor	-30 No Coverage	-61 Excellent	0
10	2022-02-24 11:46:49.446	4G	3300	106	43211	-108.9 Bad	-30 No Coverage	-70.2 Good	0
10	2022-02-24 11:48:17.628	4G	3102	475	43211	-92.1 Fair	-30 No Coverage	-52.6 Excellent	0
10	2022-02-24 11:48:39.584	4G	3102	480	43211	-99.1 Poor	-30 No Coverage	-59.6 Excellent	0
10	2022-02-24 11:48:46.698	4G	3102	320	43211	-96.8 Poor	-30 No Coverage	-57.6 Excellent	0
10	2022-02-24 11:49:03.792	4G	3102	27	43211	-93.2 Fair	-30 No Coverage	-54.2 Excellent	0



10	2022-02-24 11:50:19.294	4G	3102	194	43211	-95.8 Poor	-30 No Coverage	-56.6 Excellent	0
10	2022-02-24 11:50:49.218	4G	3102	331	43211	-96.8 Poor	-30 No Coverage	-57.6 Excellent	0
10	2022-02-24 11:51:01.039	4G	3102	502	43211	-96.6 Poor	-30 No Coverage	-57.8 Excellent	0
10	2022-02-24 11:56:23.287	4G	3300	122	43211	-102.3 Very Poor	-30 No Coverage	-62.6 Excellent	0
10	2022-02-24 11:59:48.223	4G	550	130	43211	-100.2 Very Poor	-30 No Coverage	-61.4 Excellent	0
10	2022-02-24 11:59:48.299	4G	550	390	43211	-101.5 Very Poor	-30 No Coverage	-62.8 Excellent	0
10	2022-02-24 12:00:52.922	4G	550	334	43211	-101 Very Poor	-30 No Coverage	-62 Excellent	0
10	2022-02-24 12:23:03.970	4G	3300	172	43211	-105.8 Bad	-30 No Coverage	-66.6 Very Good	0
10	2022-02-24 12:26:42.202	4G	3300	351	43211	-107.4 Bad	-30 No Coverage	-68.8 Very Good	0
10	2022-02-24 12:35:34.892	4G	3300	184	43211	-108.7 Bad	-30 No Coverage	-69.6 Very Good	0
10	2022-02-24 12:40:26.401	4G	3300	156	43211	-105.7 Bad	-30 No Coverage	-66.6 Very Good	0
10	2022-02-24 13:00:35.190	4G	1423	31	43211	-107.1 Bad	-30 No Coverage	-68 Very Good	0
10	2022-02-24 13:03:17.440	4G	3102	23	43211	-106.7 Bad	-30 No Coverage	-67.6 Very Good	0
10	2022-02-24 13:03:19.395	4G	3102	219	43211	-107.8 Bad	-30 No Coverage	-68.4 Very Good	0
10	2022-02-24 13:07:02.556	4G	3300	370	43211	-102.7 Very Poor	-28.6 No Coverage	-63.8 Excellent	0
10	2022-02-24 13:26:12.405	4G	3300	467	43211	-92 Fair	-30 No Coverage	-52.6 Excellent	0
10	2022-02-24 14:00:21.252	4G	3102	165	43211	-98 Poor	-30 No Coverage	-59 Excellent	0
10	2022-02-24 14:02:16.972	4G	3102	3	43211	-103.5 Very Poor	-30 No Coverage	-64.6 Excellent	0
10	2022-02-24 14:02:48.653	4G	3102	306	43211	-99 Poor	-24.8 No Coverage	-60.4 Excellent	0
10	2022-02-24 14:02:50.896	4G	3102	442	43211	-99.7 Poor	-30 No Coverage	-60.6 Excellent	0
10	2022-02-24 14:08:58.150	4G	3300	100	43211	-110.7 Very Bad	-30 No Coverage	-71.8 Good	0
10	2022-02-24 14:32:35.060	4G	3300	142	43211	-101 Very Poor	-30 No Coverage	-62 Excellent	0



10	2022-02-24 15:24:59.909	4G	550	47	43211	-100.3 Very Poor	-30 No Coverage	-62 Excellent	0
10	2022-02-24 15:25:00.435	4G	550	123	43211	-95.9 Poor	-30 No Coverage	-56.2 Excellent	0
10	2022-02-24 15:25:02.196	4G	550	362	43211	-98.6 Poor	-30 No Coverage	-58 Excellent	0
10	2022-02-24 15:37:55.383	4G	3300	389	43211	-118.8 Awful	-30 No Coverage	-79.6 Fair	0
10	2022-02-24 15:43:25.424	4G	3300	308	43211	-113.5 Very Bad	-30 No Coverage	-74.4 Good	0
10	2022-02-24 15:53:28.675	4G	550	285	43211	-101.2 Very Poor	-28.6 No Coverage	-62.8 Excellent	0
10	2022-02-24 15:53:38.246	4G	550	432	43211	-95.8 Poor	-30 No Coverage	-56.8 Excellent	0
10	2022-02-24 15:53:44.081	4G	550	378	43211	-100.1 Very Poor	-30 No Coverage	-61.2 Excellent	0
10	2022-02-24 15:53:51.483	4G	550	291	43211	-100.9 Very Poor	-30 No Coverage	-61.6 Excellent	0
10	2022-02-24 16:05:42.094	4G	3300	79	43211	-101.4 Very Poor	-30 No Coverage	-62.4 Excellent	0
10	2022-02-24 16:14:05.536	4G	3300	382	43211	-102.6 Very Poor	-30 No Coverage	-64 Excellent	0
10	2022-02-24 16:17:19.321	4G	3300	502	43211	-102.8 Very Poor	-30 No Coverage	-63.6 Excellent	0
10	2022-02-24 16:21:09.849	4G	3300	235	43211	-102.1 Very Poor	-30 No Coverage	-63 Excellent	0
10	2022-02-24 17:06:35.570	4G	3300	237	43211	-97.1 Poor	-30 No Coverage	-57.8 Excellent	0
10	2022-02-24 17:08:20.505	4G	3300	162	43211	-92 Fair	-30 No Coverage	-52.6 Excellent	0
10	2022-02-24 17:20:41.281	4G	3300	334	43211	-104.9 Very Poor	-30 No Coverage	-65.6 Very Good	0
10	2022-02-24 17:21:16.777	4G	3300	353	43211	-102.7 Very Poor	-30 No Coverage	-63.4 Excellent	0
10	2022-02-24 17:26:50.841	4G	3300	322	43211	-93.2 Fair	-30 No Coverage	-53.8 Excellent	0
10	2022-02-24 17:35:08.146	4G	3102	328	43211	-99.2 Poor	-30 No Coverage	-60.4 Excellent	0
10	2022-02-24 17:35:08.359	4G	3102	24	43211	-98.5 Poor	-30 No Coverage	-59.4 Excellent	0
10	2022-02-24 17:35:31.582	4G	3102	459	43211	-97.9 Poor	-30 No Coverage	-58.8 Excellent	0
10	2022-02-24 17:36:18.968	4G	3102	205	43211	-110.6 Very Bad	-30 No Coverage	-71.4 Good	0



10	2022-02-24 17:36:42.790	4G	3102	85	43211	-109 Bad	-30 No Coverage	-70 Very Good	0
10	2022-02-24 17:36:53.805	4G	3102	6	43211	-109.1 Bad	-30 No Coverage	-69.8 Very Good	0
10	2022-02-24 17:36:58.895	4G	3102	287	43211	-110.1 Very Bad	-30 No Coverage	-71.2 Good	0
10	2022-02-24 17:36:59.417	4G	3102	473	43211	-109.7 Bad	-30 No Coverage	-71.2 Good	0
10	2022-02-24 17:36:59.755	4G	3102	104	43211	-111.1 Very Bad	-30 No Coverage	-72.8 Good	0
10	2022-02-24 17:37:48.086	4G	3102	270	43211	-96.6 Poor	-30 No Coverage	-56.8 Excellent	0
10	2022-02-24 17:46:07.375	4G	3300	424	43211	-105.2 Bad	-30 No Coverage	-66.6 Very Good	0
10	2022-02-24 17:48:06.179	4G	3300	358	43211	-104.6 Very Poor	-30 No Coverage	-65 Excellent	0
10	2022-02-24 17:49:16.378	4G	3102	94	43211	-107.9 Bad	-30 No Coverage	-68.8 Very Good	0
10	2022-02-24 17:49:24.270	4G	3102	427	43211	-108.8 Bad	-30 No Coverage	-69.6 Very Good	0
10	2022-02-24 17:50:10.356	4G	3102	352	43211	-101.2 Very Poor	-30 No Coverage	-62.4 Excellent	0
10	2022-02-24 17:51:03.398	4G	3102	421	43211	-99.7 Poor	-30 No Coverage	-60.6 Excellent	0
10	2022-02-24 17:51:29.671	4G	3102	292	43211	-98.2 Poor	-30 No Coverage	-58.6 Excellent	0
10	2022-02-24 17:52:16.138	4G	3102	87	43211	-96.6 Poor	-30 No Coverage	-57.4 Excellent	0
10	2022-02-24 17:52:24.668	4G	3102	365	43211	-91.8 Fair	-30 No Coverage	-52.8 Excellent	0
10	2022-02-24 17:52:41.789	4G	3102	186	43211	-92 Fair	-30 No Coverage	-53.2 Excellent	0
10	2022-02-24 17:52:44.388	4G	3102	111	43211	-89.3 Good	-30 No Coverage	-50.6 Excellent	0
10	2022-02-24 17:53:04.109	4G	3102	499	43211	-96 Poor	-30 No Coverage	-57.6 Excellent	0
10	2022-02-24 17:53:08.044	4G	3102	181	43211	-95.2 Poor	-30 No Coverage	-56.2 Excellent	0
10	2022-02-24 17:53:45.500	4G	3102	18	43211	-92.1 Fair	-30 No Coverage	-53 Excellent	0
10	2022-02-24 17:53:45.654	4G	3102	112	43211	-90.6 Fair	-30 No Coverage	-52 Excellent	0
10	2022-02-24 17:53:52.281	4G	3102	291	43211	-89.3 Good	-30 No Coverage	-49.8 Excellent	0



10	2022-02-24 17:54:07.003	4G	3102	408	43211	-85.1 Good	-30 No Coverage	-46.2 Excellent	0
10	2022-02-24 17:54:11.773	4G	3102	79	43211	-89 Good	-30 No Coverage	-49.4 Excellent	0
10	2022-02-24 17:54:33.891	4G	3102	251	43211	-88.9 Good	-30 No Coverage	-49.4 Excellent	0
10	2022-02-24 17:54:56.552	4G	3102	298	43211	-92.8 Fair	-30 No Coverage	-54.2 Excellent	0
10	2022-02-24 17:55:15.280	4G	3102	500	43211	-91.4 Fair	-30 No Coverage	-53.4 Excellent	0
8	2022-02-24 12:58:53.176	4G	1423	177	43211	-100.37 Very Poor	-30 No Coverage	-61.37 Excellent	0
8	2022-02-24 15:43:53.723	4G	1423	476	43211	-111.37 Very Bad	-22.12 No Coverage	-79 Fair	0
7	2022-02-24 14:03:21.103	4G	1423	299	43211	-92.57 Fair	-30 No Coverage	-53.57 Excellent	0
7	2022-02-24 14:07:54.589	4G	1423	136	43211	-96.71 Poor	-19.85 Very Bad	-66.57 Very Good	0
7	2022-02-24 14:21:36.002	4G	550	104	43211	-104.85 Very Poor	-30 No Coverage	-65.71 Very Good	0
6	2022-02-24 11:41:36.242	4G	550	496	43211	-104.83 Very Poor	-22.16 No Coverage	-72.5 Good	0
6	2022-02-24 12:44:55.806	4G	550	449	43211	-103.5 Very Poor	-25 No Coverage	-69.16 Very Good	0
6	2022-02-24 12:50:58.055	4G	1423	135	43211	-82.5 Very Good	-24.66 No Coverage	-47.16 Excellent	0
6	2022-02-24 12:59:45.159	4G	1423	347	43211	-96.16 Poor	-30 No Coverage	-56.8 Excellent	0
6	2022-02-24 14:01:09.374	4G	1423	21	43211	-93.16 Fair	-30 No Coverage	-54.16 Excellent	0
6	2022-02-24 14:07:55.283	4G	550	137	43211	-109.33 Bad	-23.5 No Coverage	-75 Good	0
6	2022-02-24 14:20:58.950	4G	1423	104	43211	-100.83 Very Poor	-26.16 No Coverage	-64 Excellent	0
6	2022-02-24 14:30:20.030	4G	1423	380	43211	-100.5 Very Poor	-22.83 No Coverage	-67.83 Very Good	0
6	2022-02-24 15:21:07.841	4G	550	87	43211	-108.5 Bad	-26.83 No Coverage	-72.5 Good	0
6	2022-02-24 15:37:43.067	4G	1423	332	43211	-109.83 Bad	-23 No Coverage	-76.66 Fair	0
6	2022-02-24 15:43:53.554	4G	1423	28	43211	-106 Bad	-21 Awful	-75.5 Fair	0
6	2022-02-24 17:10:46.675	4G	550	93	43211	-102 Very Poor	-23.5 No Coverage	-65.5 Very Good	0



6	2022-02-24 17:17:09.290	4G	550	215	43211	-101.66 Very Poor	-23 No Coverage	-69 Very Good	0
5	2022-02-24 11:07:25.262	4G	3102	145	43211	-94.2 Fair	-30 No Coverage	-55.2 Excellent	0
5	2022-02-24 11:53:07.695	4G	1423	110	43211	-92.8 Fair	-28.2 No Coverage	-54.8 Excellent	0
5	2022-02-24 11:57:24.135	4G	1423	234	43211	-95.2 Poor	-30 No Coverage	-56.2 Excellent	0
5	2022-02-24 12:58:42.159	4G	1423	261	43211	-100.6 Very Poor	-30 No Coverage	-61.6 Excellent	0
5	2022-02-24 12:58:42.710	4G	1423	499	43211	-103 Very Poor	-30 No Coverage	-64 Excellent	0
5	2022-02-24 12:59:51.318	4G	1423	287	43211	-95.6 Poor	-30 No Coverage	-56.6 Excellent	0
5	2022-02-24 13:02:29.755	4G	1423	274	43211	-101.6 Very Poor	-28.4 No Coverage	-63.8 Excellent	0
5	2022-02-24 13:04:21.822	4G	1423	434	43211	-94.4 Fair	-30 No Coverage	-55.4 Excellent	0
5	2022-02-24 14:01:16.420	4G	1423	467	43211	-93.4 Fair	-30 No Coverage	-54.4 Excellent	0
5	2022-02-24 14:03:11.268	4G	1423	391	43211	-106.6 Bad	-30 No Coverage	-68 Very Good	0
5	2022-02-24 14:03:19.273	4G	1423	414	43211	-94.8 Fair	-30 No Coverage	-55.6 Excellent	0
5	2022-02-24 14:07:46.767	4G	550	255	43211	-109.6 Bad	-22 Awful	-77 Fair	0
5	2022-02-24 15:25:38.261	4G	550	226	43211	-106 Bad	-27.6 No Coverage	-69.2 Very Good	0
5	2022-02-24 16:26:22.703	4G	1423	102	43211	-100.4 Very Poor	-30 No Coverage	-61.2 Excellent	0
5	2022-02-24 17:03:37.767	4G	550	330	43211	-103.2 Very Poor	-21.8 Awful	-71.2 Good	0
5	2022-02-24 17:32:07.498	4G	1423	423	43211	-98.6 Poor	-28.2 No Coverage	-61.2 Excellent	0
5	2022-02-24 17:32:34.044	4G	1423	259	43211	-97.8 Poor	-30 No Coverage	-58.8 Excellent	0
5	2022-02-24 17:32:51.381	4G	1423	291	43211	-92.4 Fair	-30 No Coverage	-53.4 Excellent	0
5	2022-02-24 17:34:13.683	4G	1423	211	43211	-86 Good	-28.4 No Coverage	-48.4 Excellent	0
5	2022-02-24 17:37:56.527	4G	1423	275	43211	-94.8 Fair	-30 No Coverage	-55.6 Excellent	0
5	2022-02-24 17:38:56.424	4G	1423	442	43211	-104.8 Very Poor	-30 No Coverage	-65.8 Very Good	0



5	2022-02-24 17:40:45.149	4G	1423	73	43211	-100.6 Very Poor	-30 No Coverage	-61.5 Excellent	0
5	2022-02-24 17:40:54.452	4G	1423	170	43211	-94 Fair	-30 No Coverage	-55 Excellent	0
5	2022-02-24 17:43:18.122	4G	1423	372	43211	-92.2 Fair	-22.4 No Coverage	-59.8 Excellent	0
5	2022-02-24 17:48:42.663	4G	1423	311	43211	-101.2 Very Poor	-28.8 No Coverage	-63.4 Excellent	0
4	2022-02-24 13:00:29.598	4G	1423	384	43211	-105.25 Bad	-30 No Coverage	-66.5 Very Good	0
4	2022-02-24 17:32:01.096	4G	1423	130	43211	-97 Poor	-30 No Coverage	-58.33 Excellent	0
4	2022-02-24 15:23:36.989	4G	1423	420	43211	-102.5 Very Poor	-22.5 No Coverage	-69.25 Very Good	0
4	2022-02-24 17:38:28.433	4G	1423	399	43211	-97.75 Poor	-30 No Coverage	-58.75 Excellent	0
3	2022-02-24 14:11:21.987	4G	550	207	43211	-101.33 Very Poor	-21 Awful	-70.66 Good	0
3	2022-02-24 15:33:41.437	4G	550	117	43211	-115 Very Bad	-21 Awful	-81.33 Fair	0
3	2022-02-24 17:04:00.159	4G	550	212	43211	-107 Bad	-20 Very Bad	-74.33 Good	0
3	2022-02-24 17:31:57.141	4G	1423	221	43211	-101.66 Very Poor	-29 No Coverage	-63.5 Excellent	0
2	2022-02-24 13:00:31.808	4G	1423	320	43211	-108 Bad	-30 No Coverage	-69 Very Good	0
2	2022-02-24 14:03:15.202	4G	1423	230	43211	-97 Poor	-26 No Coverage	-61 Excellent	0
2	2022-02-24 14:44:28.564	4G	1423	338	43211	-95.5 Poor	-20.5 Awful	-66 Very Good	0
1	2022-02-24 11:21:53.531	4G	1423	362	43211	-98 Poor	-30 No Coverage	-59 Excellent	0
1	2022-02-24 14:03:13.098	4G	1423	428	43211	-103 Very Poor	-30 No Coverage	-64 Excellent	0
1	2022-02-24 14:03:15.168	4G	1423	240	43211	-101 Very Poor	-30 No Coverage	-62 Excellent	0
1	2022-02-24 16:26:15.124	4G	1423	152	43211	-98 Poor	-30 No Coverage	-59 Excellent	0
1	2022-02-24 17:38:45.057	4G	1423	5	43211	-103 Very Poor	-30 No Coverage	-64 Excellent	0
1	2022-02-24 17:39:21.104	4G	1423	365	43211	-108 Bad	-30 No Coverage	-69 Very Good	0
1	2022-02-24 17:39:45.119	4G	1423	330	43211	-105 Very Poor	-30 No Coverage	-66 Very Good	0

7. Appendices





7.1 Abbreviation

Acronym	Definition
ARFCN	Absolute Radio Frequency Channel Number
BSIC	Base Station Identity Code
CPICH	Common Pilot Channel
LAC	Location Area Code
LTE	Long-Term Evolution
PCI	Physical Cell Id
PSC	Primary Scrambling Code
RAC	Routing Area Code
RSCP	Received Signal Code Power
RSRP	Reference Signal Receive Power
RSRQ	Reference Signal Received Quality
TAC	Tracking Area Code
UMTS	Universal Mobile Telecommunications Service



7.2 Report Builder Information

Created at: 2022-02-25 09:19:32

OS: Ubuntu 20.04.4 LTS, x86_64

Compile: /home/abolfazl/Documents/Programs/TeXLive2021/bin/x86_64-linux/pdflatex

Application: PioneerUI - 7.5.15

Username: admin

Nodes: 2304

Start: 2022-02-24 10:06:30

Stop: 2022-02-24 18:10:00