Operator Assisted Drive Test Report

For

BIDAR

06th to 08th May 2025
Bidar-Naubad-Humnabad-Mannaekhelli-Bidar
06-05-25 (NH) 112 Kms
Bidar-Santhpur-Sangam-Bhalki-Basavakalyan-dhanura-Bidar
07-05-2025 (SH) 192 Kms
Bidar City and Surrounding
(08-05-2025 - 100 kms)
TRAI RO, Bengaluru

Key Performance Indicators:

- All TSPs have met the 2% QOS benchmark of Drop Call Rate.
- All TSPs have met the 3% QOS benchmark of Call Block Rate except BSNL 2G.
- All TSPs have not met the Rx Quality except Airtel 2G & JIO 4G.
- All TSPs have met the Mobility HOSR,except VIL 2G & BSNL 4G.
- All TSPs have met CSSR%(Accessibility).

The Operator Assisted Drive Test has been carried out by the Regional Office, Bangalore with the help of Service Providers from 06th **to 08th May 2025**. The drive test covered the route of **404 Kms** including NH/SH of **112 Kms** & **6** hotspots. Approximately 310 calls were made for each of the 8 networks: three 2G networks, one 3G network and four 4G networks covering four TSPs.

| Overview | Voice Summary | Data Summary |

Regional Office, TRAI Bengaluru conducted Operator Assisted Drive Test from **06th to 08th May 2025** covering various locations in Bidar **& Surrounding Region**. The performance of Airtel, BSNL, Vodafone Idea, and JIO were monitored across various technologies (2G, 3G, and 4G/5G). The test results obtained from these drive tests were utilized to assess the network quality for Voice and Data services in terms of

Voice: Coverage, Quality, Hand Over Success Rate, Call Setup Success Rate, Drop Call Rate and Block Call Rate.

Data: Download and Upload Throughputs, Web Browsing Delay and Latency

Drive Test Details:

Voice Tests: Calls were made for 90 sec duration with a wait time of 10 sec between calls in all technologies. The drive test covered a drive route of approximately **404 KMs** including **NH/SH** of **112 Kms** over a period of 3 days from **06th to 8th Apl 2025**. Approximately 310 calls were made for each of the 8 networks: three 2G (Lock Mode) networks, One 3G network and four 4G networks covering 4 unique TSPs.

Data Tests: Dynamic data test (Test Data on Move) was conducted for **404 KMs** including **NH/SH** of 112 **Kms** over a period of 3 days for download throughput for 4G/5G technology. Data Tests were performed at 6 static locations; three 2G (Lock mode) networks, One 3G network and four 4G (Free mode) networks covering 4 unique TSPs were tested. **All the data through put figure mentioned in the report are based on the average value.**

* For Voice and Data KPI's, 2G measurement is done with UE locked on 2G, and 4G measurement is done with UE in Free Mode.

* 4G KPI's which are calculated from the UE in Free Mode included samples and events of 2G & 3G.

| Service	Specifications
Download	2G (Locked) - 500KB, 3G (Dual) - 20 MB, 4G (Free) - 40 MB
Upload	2G (Locked) - 100KB, 3G (Dual) - 5 MB, 4G (Free) - 10 MB
Web Browsing	3 links of e/m commerce website www.amazon.in, www.flipkart.com and PayTm
Latency	32 Bytes on www.google.com
Video Streaming	130 secs clip

Overview

Voice & Dynamic Data Test (Data Test on Move) Drive Route

Voice & Dynamic Drive (Test Data on Move) (UL&DL) Route
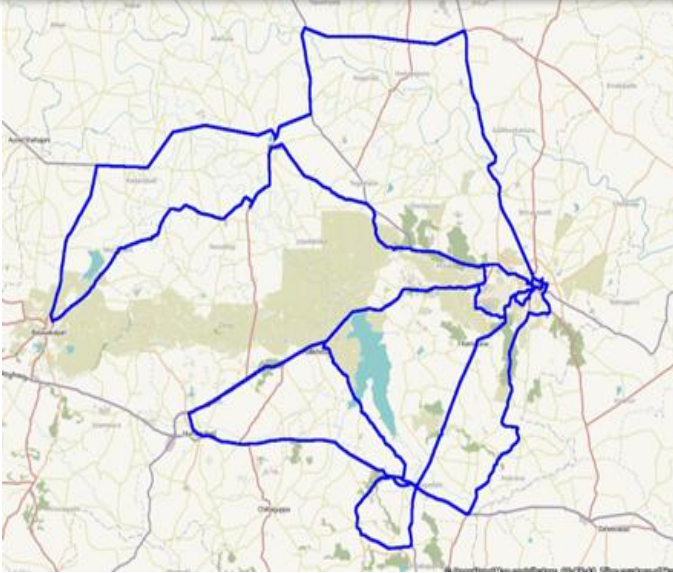
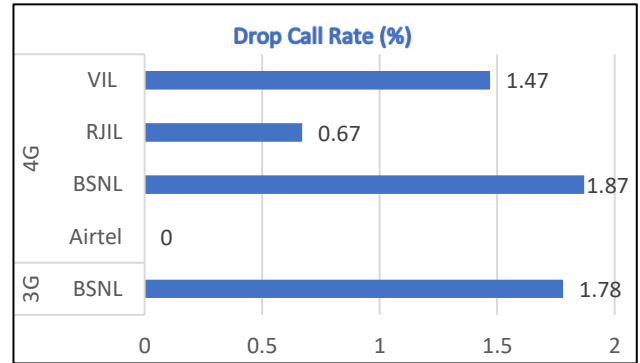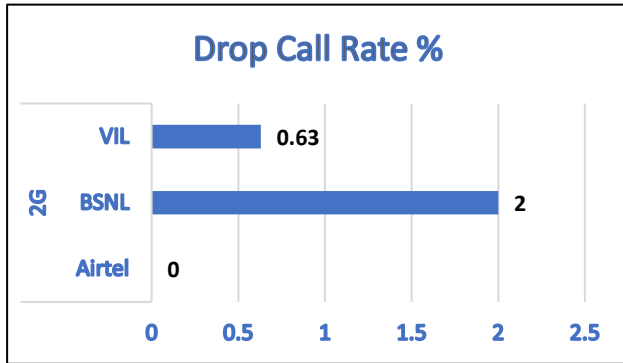| Areas covered	
Bidar	Janwada
Kohalr	Santhpur
Andoor	Kushnoor Thana
Hallikhed	Sangam
Humanabad	Dongapur
Hudgi	Bhalki
Mangalgi	Dadgi
Mannaekhelli	Halbarga
Bagdal	Bidar Town
Kamthana	

Data Service Test- Static Locations
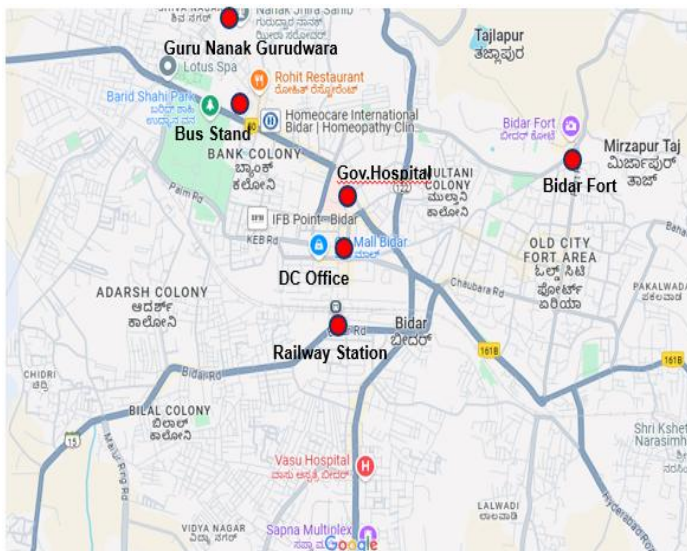
Location Name
Railway Station
Bus Stand
DC Office
Gov.Hospital
Fort Bidar
Guru Nanak Gurudwara

Voice Calls

QoS compliance of the TSPs for Voice across technologies 2G/3G/4G:

Drop Call Rate (%)

Drop Call Rate % (2G)

- VIL: 0.63
- BSNL: 2
- Airtel: 0

Drop Call Rate (%) (3G/4G)

- 4G VIL: 1.47
- 4G RJIL: 0.67
- 4G BSNL: 1.87
- 4G Airtel: 0
- 3G BSNL: 1.78

Block Call Rate (%)

Block Call Rate % (2G)

- VIL: 1.55
- BSNL: 4.07
- Airtel: 1.31

Axis Title

Block Call Rate % (3G/4G)

- 4G VIL: 0.73
- 4G RJIL: 0
- 4G BSNL: 2.96
- 4G Airtel: 0
- 3G BSNL: 2.73
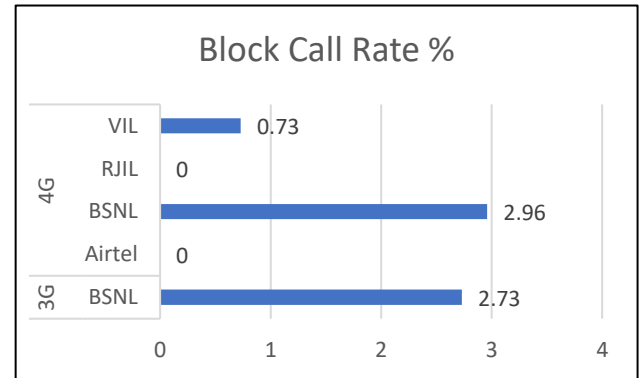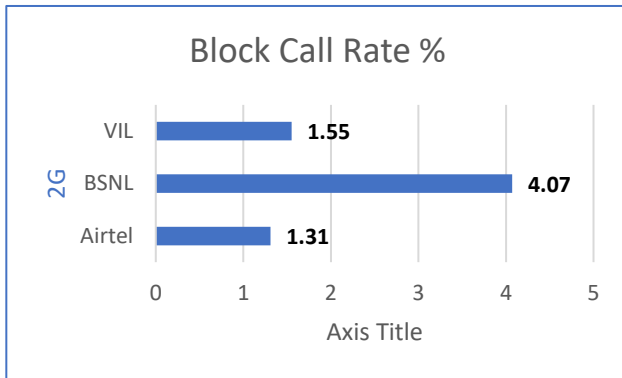
KPIs	2G			3G	4G			
	Airtel	BSNL	VIL	BSNL	Airtel	BSNL	RJIL	VIL
Drop Call Rate %	0	2	0.63	1.78	0	1.87	0.67	1.47
Block Call Rate %	1.31	4.07	1.55	2.73	0	2.96	0	0.73

a) All TSPs have met the 2% QOS benchmark of Drop Call Rate.
b) All TSPs have met the 3% QOS benchmark of Call Block except BSNL 2G

Voice Calls

Coverage

a) Percentage of coverage samples for 2G ≥ -85 dBm.

TSPs	2G		
	Airtel	BSNL	VIL
Coverage%	94.75	51.50	77.72

b) Percentage of coverage samples for 3G ≥ -90 dBm & LTE ≥ -110 dBm.

TSPs	3G	4G			
	BSNL	Airtel	BSNL	JIO	VIL
Coverage %	29.34	98.18	76.20	97.40	86.61

c) Percentage of time spent on 3G/4G network

TSPs	3G		4G		
	BSNL	Airtel	BSNL	JIO	VIL
Time Spent on 3G/4G%	19	100	96.1	100	99.49

Summary

Voice Call	2G		
	Airtel	BSNL	VIL
Call Attempt	305	417	322
Blocked Call Rate (%)	1.31	4.07	1.55
CSSR% (Accessibility)	98.69	95.92	98.45
Drop Call Rate (%)	0	2	0.63
Rx Quality (%)	95.48	89.57	**83.25**
Mobility HOSR (%)	98.69	95.12	**79.1**

Voice Call	3G/4G				
	BSNL 3G	Airtel 4G	**BSNL 4G**	JIO 4G	VIL 4G
Call Attempt	73	313	337	442	273
Blocked Call Rate (%)	2.73	0	2.96	0	0.73
CSSR% (Accessibility)	97.26	100	97.03	100	99.27
Drop Call Rate (%)	1.78	0	1.87	0.67	1.47
Rx Quality (%)	**65.93**	**94.45**	**68.76**	99.29	**90.3**
Mobility HOSR (%)	98.48	99.27	93.93	98.59	96.45

Data was tested at 6 locations. The following services were tested: Data Download/Upload, Latency (www.google.com), and Web browsing (Flipkart, Amazon, Paytm)

Data Download, Upload Performance (Mbps), Web Browsing delay, Video Streaming and Latency
4G/5G

Download Throughput (mbps)

Operator	Value
JIO 5G	149.4
VIL 4G	29.07
JIO 4G	53.7
BSNL 4G	7
Airtel 4G	43.94

Upload Throughput (mbps)

Operator	Value
JIO 5G	29
VIL 4G	22.25
JIO 4G	9.2
BSNL 4G	4.64
Airtel 4G	15.53

Web Browsing Delay (sec)

Operator	Value
JIO 5G	0.7
VIL 4G	4.5
JIO 4G	0.8
BSNL 4G	8
Airtel 4G	2.86

Video Streaming Delay (sec)

Operator	Value
JIO 5G	0
VIL 4G	1.39
JIO 4G	0
BSNL 4G	7.52
Airtel 4G	1.43

Latency (msec)

Operator	Value
JIO 5G	43.5
VIL 4G	45.57
JIO 4G	39.1
BSNL 4G	66.83
Airtel 4G	70

Data Services Static

Data Services Static	3G/4G				
	Airtel 4G	BSNL 4G	JIO 4G	VIL 4G	JIO 5G
Download Throughput (mbps)	43.94	7	53.7	29.07	149.4
Upload Throughput (mbps)	15.53	4.64	9.2	22.25	29
Browsing (sec)	2.86	8	0.8	4.5	0.7
Video Streaming Delay (sec)	1.43	7.52	0	1.39	0
Latency (msec)	70	66.83	39.1	45.57	43.5

Data Services Dynamic

Data Services Dynamic	3G/4G				
	BSNL 3G	Airtel 4G	BSNL 4G	JIO 4G	VIL 4G
Download Throughput (mbps)	1.98	38.43	5.11	7.92	9.29
Upload Throughput (mbps)	1.5	11.9	5.01	2.78	0

Summary

Data Services Static					
KSRTC Bus stand(LOC 1)	4G/5G				
	BSNL 4G	**Airtel 4G**	**JIO 4G**	**VIL 4G**	**JIO 5G**
Download Throughput (mbps)	5.30	39.1	79.8	34.62	172
Upload Throughput (mbps)	7.82	13.5	7.8	32.29	25.1
Browsing (sec)	1.80	3.99	0.72	9.24	0.7
Video Streaming Delay (sec)	7.53	1.49	0	0.8	0
Latency (msec)	78.7	72	31.2	39	54.9

Data Services Static					
Railway Station Bidar(LOC 2)	4G/5G				
	BSNL 4G	**Airtel 4G**	**JIO 4G**	**VIL 4G**	**JIO 5G**
Download Throughput (mbps)	6.12	54.43	44.6	20.75	138
Upload Throughput (mbps)	3.44	6.07	5	19.78	18.8
Browsing (sec)	8.80	3.73	0.82	2.69	0.7
Video Streaming Delay (sec)	8.59	1.41	0	0.79	0
Latency (msec)	53.3	77	37.1	38	42.7

Data Services Static					
Govt Hospital Bidar(LOC 3)	4G/5G				
	BSNL 4G	**Airtel 4G**	**JIO 4G**	**VIL 4G**	**JIO 5G**
Download Throughput (mbps)	12.94	35.5	66.1	21.84	160.2
Upload Throughput (mbps)	3.62	16.24	20.8	31.69	48
Browsing (sec)	7.60	2.69	0.9	3.03	0.8
Video Streaming Delay (sec)	7.09	1.27	0	0.78	0
Latency (msec)	72.9	70	53.7	40.6	39.5

Summary

Data Services Static					
DC officel Bidar(LOC 4)	**4G/5G**				
	BSNL 4G	**Airtel 4G**	**JIO 4G**	**VIL 4G**	**JIO 5G**
Download Throughput (mbps)	7.34	30.97	43.4	27.81	124.4
Upload Throughput (mbps)	5.12	22.52	8.42	15.18	29.2
Browsing (sec)	7.60	2.52	0.7	4.77	0.6
Video Streaming Delay (sec)	6.29	1.93	0	2.55	0
Latency (msec)	75.2	66	36.8	54	40.5

Data Services Static					
Fort Bidar(LOC 5)	**4G/5G**				
	BSNL 4G	**Airtel 4G**	**JIO 4G**	**VIL 4G**	**JIO 5G**
Download Throughput (mbps)	5.95	21.46	38	14.05	120.4
Upload Throughput (mbps)	3.4	16.2	8.44	11.19	25.3
Browsing (sec)	7.60	2.64	0.7	4.41	0.7
Video Streaming Delay (sec)	7	1.44	0	2.57	0
Latency (msec)	62.7	69.4	35.5	61	47.2

Data Services Static					
Gurudwara Bidar(LOC 6)	**4G/5G**				
	BSNL 4G	**Airtel 4G**	**JIO 4G**	**VIL 4G**	**JIO 5G**
Download Throughput (mbps)	4.33	82.23	50.6	55.34	181.6
Upload Throughput (mbps)	4.42	18.65	4.6	23.36	27.4
Browsing (sec)	14.60	1.61	0.8	2.86	0.6
Video Streaming Delay (sec)	8.58	1.04	0	0.85	0
Latency (msec)	58.2	66.4	40.1	40.8	36.4

RF Coverage relates to the geographical footprint within the system that has sufficient RF signal strength to provide for a call session. The Coverage rate is calculated on the basis of % of samples in which the Rx level ≥ -85 dBm, RSCP is ≥ -90 dBm & RSRP ≥ -110dBm. The details are as follows.

Coverage	
TSP	Coverage Rate %
Airtel 2G	**94.75**
BSNI 2G	**51.50**
VIL 2G	**77.72**
BSNI 3G	**29.34**
Airtel 4G	**98.18**
BSNL 4G	**76.20**
Jio 4G	**97.40**
VIL 4G	**86.61**

Coverage Distribution %

	Airtel 2G	BSNI 2G	VIL 2G	BSNL 3G	Airtel 4G	BSNL 4G	Jio 4G	VIL 4G
top	0.08		5.11		1.82		2.6049	13.38
	5.18	20.8	17.17			23.8	26.198	
	64.93	27.71	31.77	70.66	39.69		23.59	56.67
		21.43			40.65	45.63		
	29.82	30.07	45.95	8.85	17.83	22.46	47.607	20.45
bottom				14.08 / 6.41		8.11		9.5

Legend:
- 2G:[Max, >=-75] / 3G:Max, >=-70 / VoLTE: >=-80
- 2G:[-75, >=-85] / 3G:[-70,>=-80] / VoLTE:[-80,>=-90]
- 2G:[-85, >=-95) / 3G:[-80,>=-90] / VoLTE:[-90,>-=-110]
- 2G:[-95, >=Min] / 3G:[[-90,>=Min] / VoLTE:[[-110,>=Min]
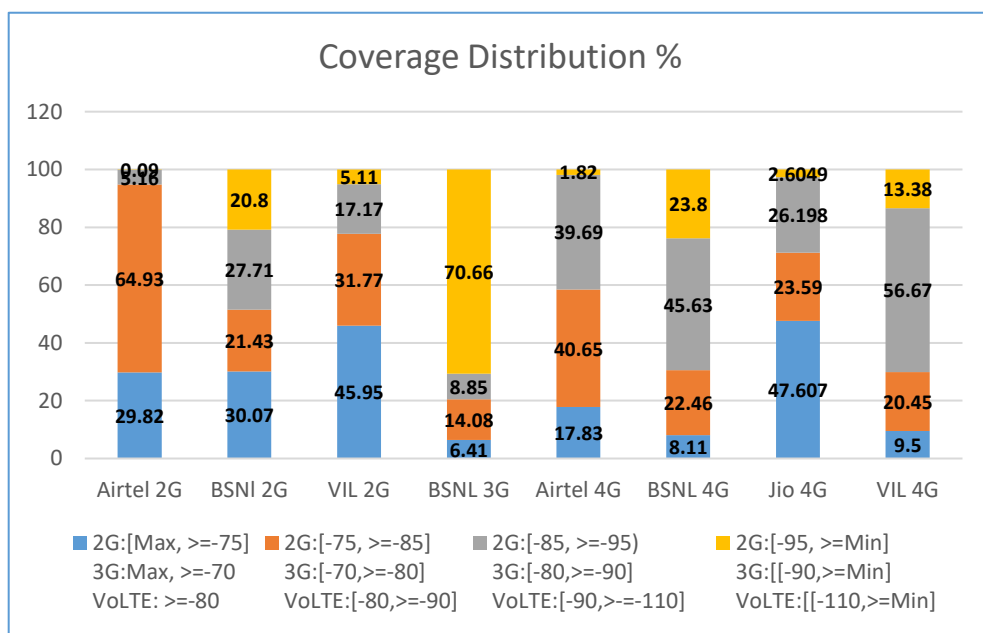
AIRTEL

Technology	Coverage Rate %
2G	94.75
4G	98.18

2G

4G
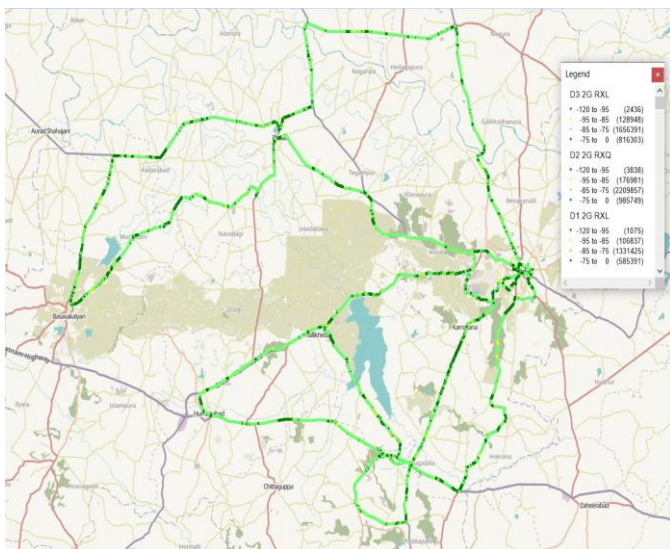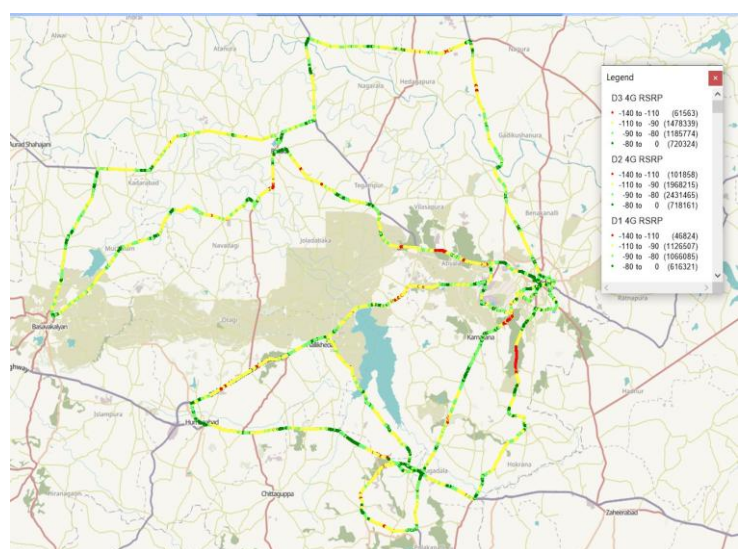
2G		
Overall RxLevel	# Samples	% PDF
[Max, >=-75]	2387443	29.82
[-75, >=-85)	5197673	64.93
[-85, >=-95)	412766	5.16
[-95, >=Min)	7349	0.09
Total	**8005231**	**100.00**

4G/VoLTE		
Overall RSRP	# Samples	% PDF
[Max, >=-80]	2054806	17.83
[-80, >=-90)	4683324	40.65
[-90, >=-110)	4573061	39.69
[-110, >=Min)	210245	1.82
Total	**11521436**	**100.00**

BSNL

Technology	Coverage Rate %
2G	51.5
3G	29.34
4G	76.2

2G

3G

4G
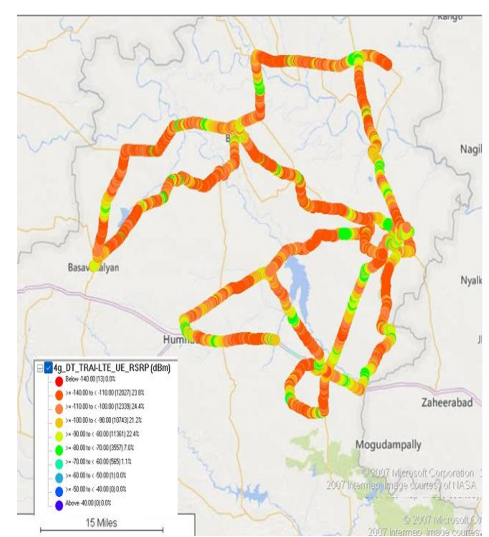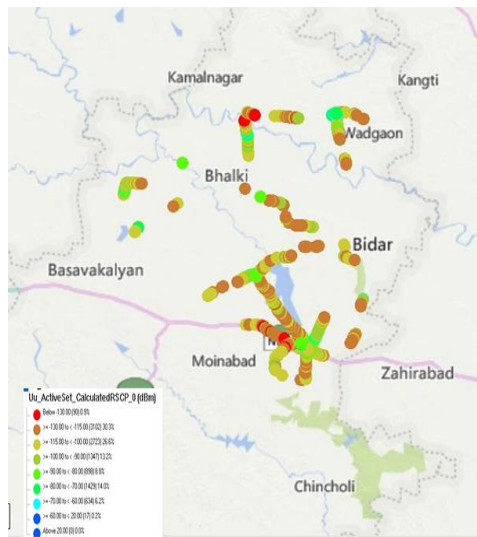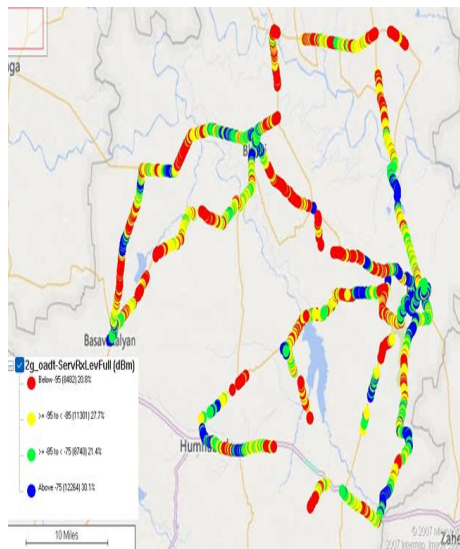
2G		
Overall RxLevel	**# Samples**	**% PDF**
[Max, >=-75]	12264	30.07 %
[-75, >=-85)	8740	21.43 %
[-85, >=-95)	11301	27.71 %
[-95, >=Min)	8482	20.80 %
Total	40787	100.00 %

3G		
Overall RSCP	**# Samples**	**% PDF**
[Max, >=-70]	651	6.41 %
[-70, >=-80)	1429	14.08 %
[-80, >=-90)	898	8.85 %
[-90, >=Min)	7172	70.66 %
Total	10150	100%

4G/VoLTE		
Overall RSRP	**# Samples**	**% PDF**
[Max, >=-80]	4103	8.11 %
[-80, >=-90)	11361	22.46 %
[-90, >=-110)	23082	45.63 %
[-110, >=Min)	12040	23.80 %
Total	50586	100.00 %

JIO

Technology	Coverage Rate
4G	97.4
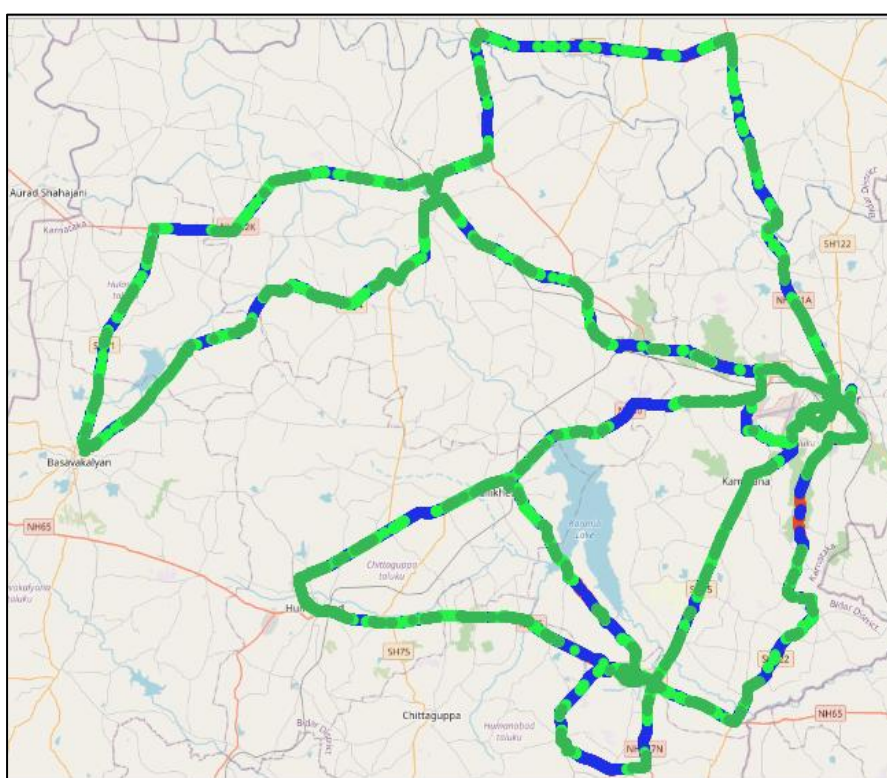
Overall RSRP in dBm	4G	
	# Samples	% PDF
[Max, >=-80]	30100	47.607
[-80, >=-90)	14915	23.59
[-90, >=-110)	16564	26.198
[-110, >=Min)	1647	2.6049
Total	63226	100

VIL

Technology	Coverage Rate %
2G	77.72
4G	86.61

2G

4G
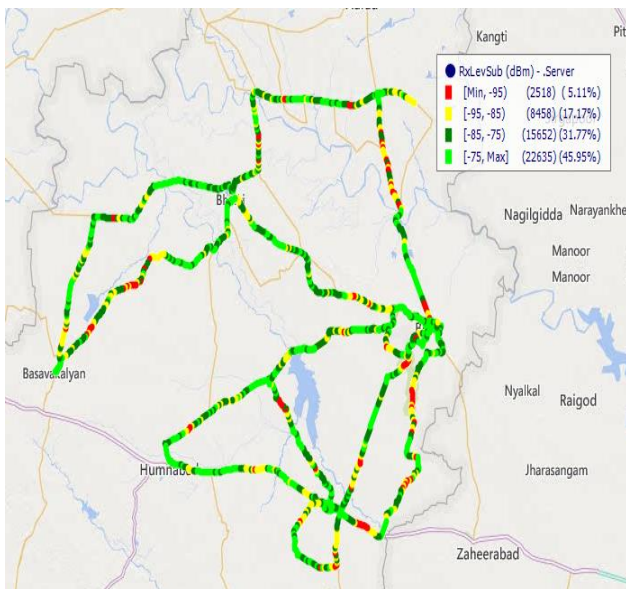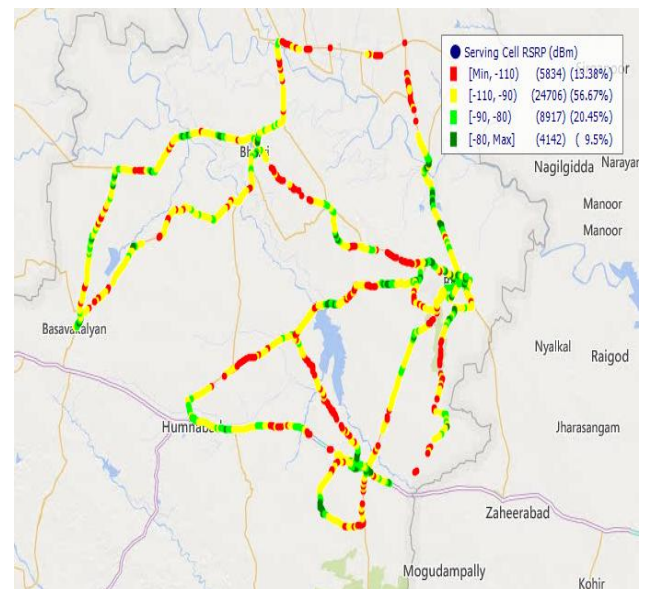
2G		
Overall Rx Level	# Samples	% PDF
[Max, >=-75]	22635	45.95
[-75, >=-85)	15652	31.77
[-85, >=-95)	8458	17.17
[-95, >=Min)	2518	5.11
Total	49263	100

4G		
Overall RSRP	# Samples	% PDF
[Max, >=-80]	4142	9.50
[-80, >=-90)	8917	20.45
[-90, >=-110)	24706	56.67
[-110, >=Min)	5834	13.38
Total	43599	100

For measuring voice quality, as per the QoS norms, RxQual <=5 for GSM TSPs, EcNo >= -14 dBm for 3G TSP sand SINR >0 in case of 4G is considered to be good, where as quality beyond this benchmark is considered to be bad. The benchmark should usually be ≥ 95%.

TSP	Rx Quality
Airtel 2G	95.48
BSNl 2G	89.57
VIL 2G	83.25
BSNL 3G	65.94
Airtel 4G	94.45
BSNL 4G	90.97
Jio 4G	99.28
VIL 4G	90.30

Rx Quality

■ TSP
■ Rx Quality 2G:[>5] 3G:[EcNo<-14 dBm] VoLTE:[SINR<=0]
■ Rx Quality 2G:[<=5] 3G:[EcNo>=-14 dBm] VoLTE:[SINR>0]
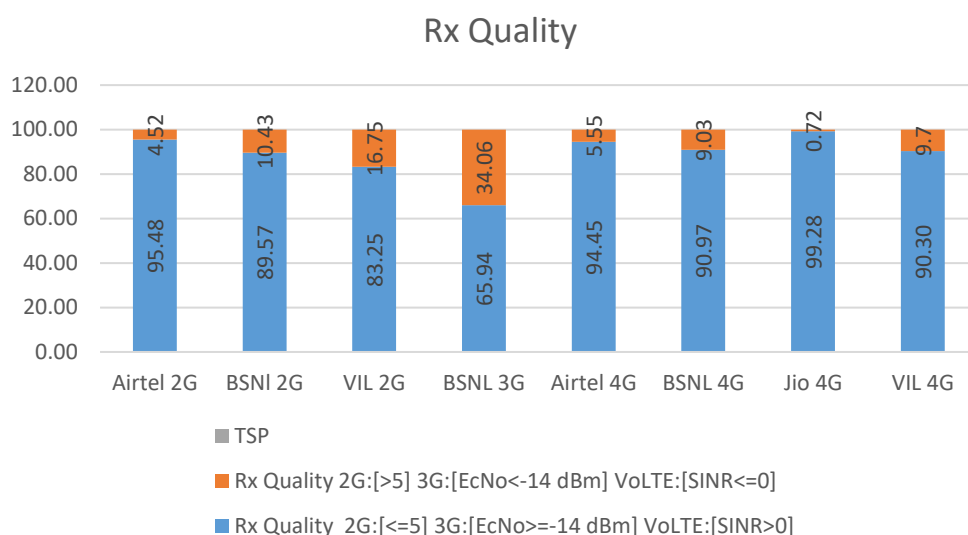
Airtel

Technology	Rx Quality %
2G	95.48
4G	94.45

2G
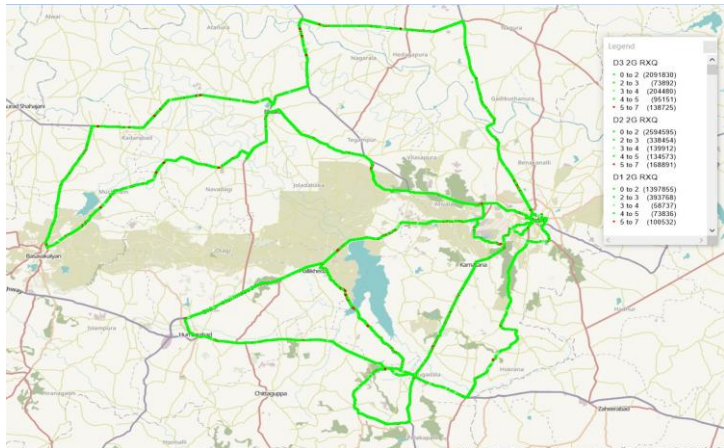
4G
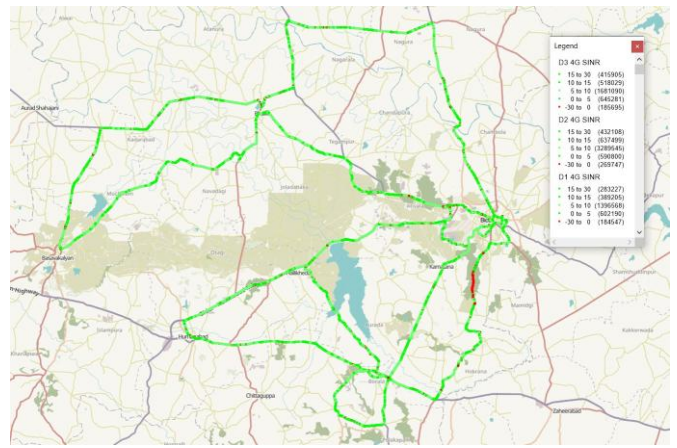
Total

Overall Rx Quality	# Samples	% PDF
(Min, <=2)	6072253	75.85
(2, <=3)	843395	10.54
(3 , <=4)	429839	5.37
(4 , <=5)	297834	3.72
(5 , <=Max)	361910	4.52
Total	**8005231**	**100**

Overall SINR	# Samples	% PDF
(Min, <=-6)	639989	5.55
(0, <=5)	1838271	15.96
(5, <=10)	6367203	55.26
(10, <=15)	1544733	13.41
(15, <=Max)	1131240	9.82
Total	**11521436**	**100.00**

BSNL

Technology	Rx Quality %
2G	**89.57**
3G	**65.94**
4G	**90.97**

2G
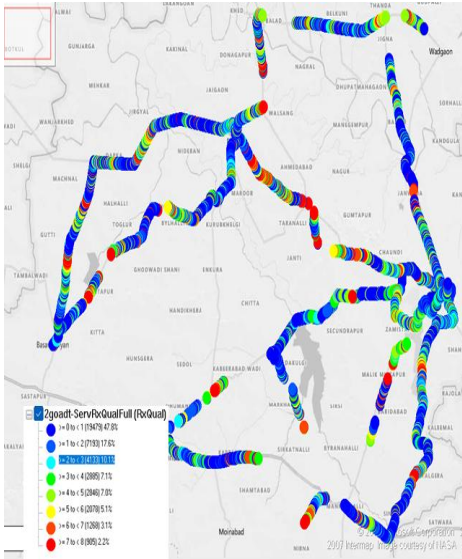
3G
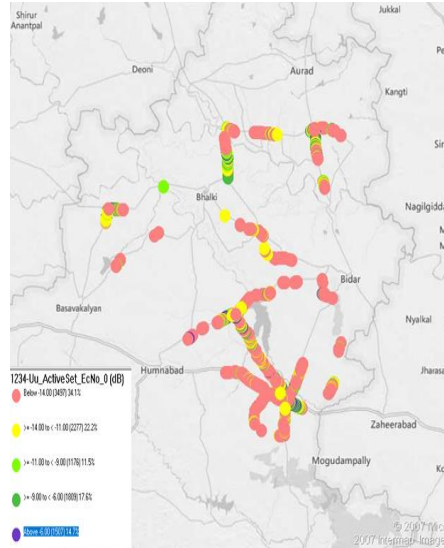
4G
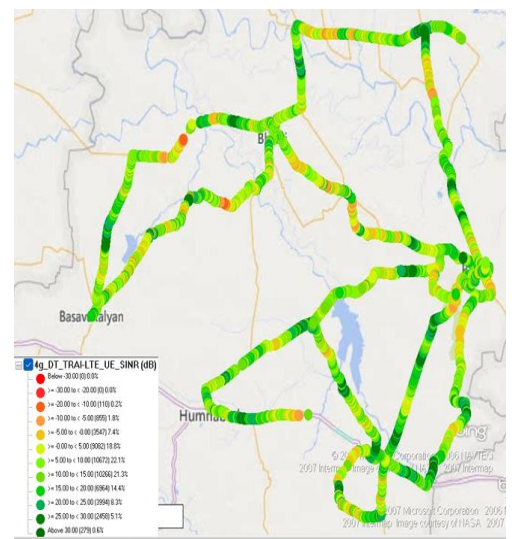
Overall Rx Quality	# Samples	% PDF
(Min, <=2)	26672	65.39 %
(2, <=3)	4133	10.13 %
(3 , <=4)	2885	7.07 %
(4 , <=5)	2846	6.98 %
(5 , <=Max)	4251	10.42 %
Total	40787	100.00 %

Overall EcNo	# Samples	% PDF
(Max, <=-6)	1507	14.68 %
(-6, <=-9)	1809	17.62 %
(-9, <=-11)	1176	11.46 %
(-11, <=-14)	2277	22.18 %
(-14, <= Min)	3497	34.06 %
Total	10266	100.00 %

Overall SINR	# Samples	% PDF
(Min, <=0)	4539	9.03 %
(0, <=5)	9082	18.07 %
(5, <=10)	10672	21.24 %
(10, <=15)	10266	20.43 %
(15, <=Max)	15695	31.23 %
Total	50254	100.00 %

JIO

Technology	Rx Quality (%)
4G/4G	**99.28**
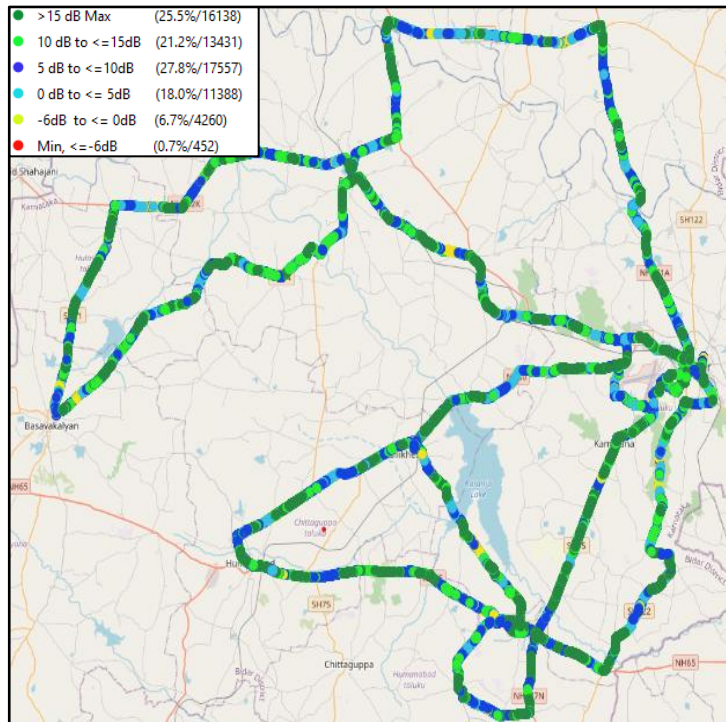
	SINR	
Overall SINR	**# Samples**	**% PDF**
(15, <=Max)	16138	25.524
(10, <=15)	13431	21.243
(5, <=10)	17557	27.769
(0, <=5)	11388	18.012
(-6, <=0)	4260	6.7377
(Min, <=-6)	452	0.7149
Total	63226	100

VIL

Technology	Rx Quality %
2G	**83.25**
4G	**90.30**

2G

4G
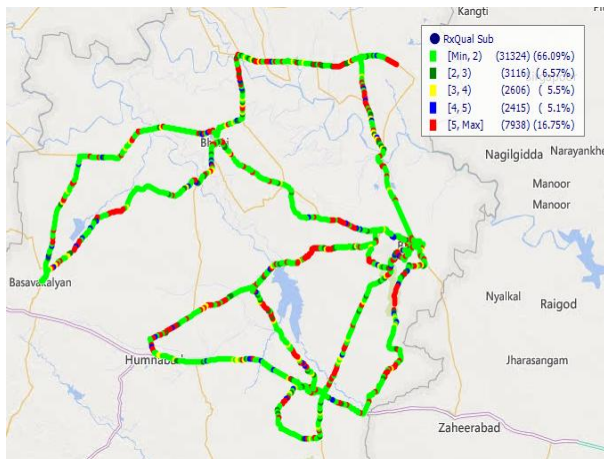
2G		
Overall Rx Quality	**# Samples**	**% PDF**
(Min, <=2)	31324	66.09
(2, <=3)	3116	6.57
(3 , <=4)	2606	5.50
(4 , <=5)	2415	5.10
(5 , <=Max)	7938	16.75
Total	**47399**	**100**
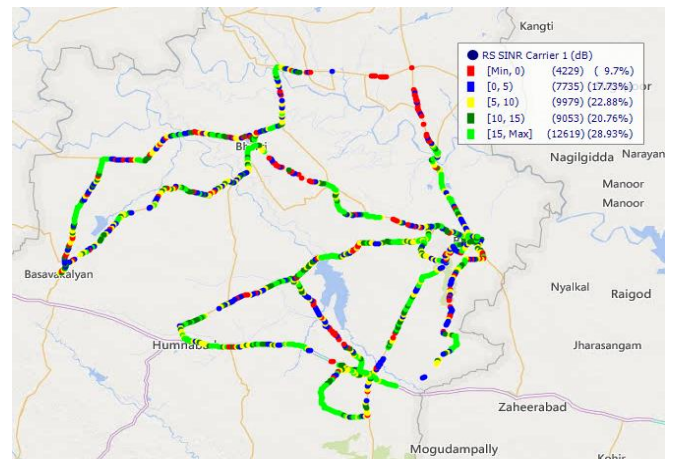
4G		
Overall SINR	**# Samples**	**% PDF**
(Min, <=0)	4229	9.70
(0, <=5)	7735	17.73
(5, <=10)	9979	22.88
(10, <=15)	9053	20.76
(15, <=Max)	12619	28.93
Total	**43615**	**100**

Technology Details	
TSP	**%Time spent on 3G/4G**
BSNL 3G	19
Airtel	100
BSNL 4G	96.1
Jio	100
VIL	99.49

Percentage of time spent on 3G/4G/4G

Airtel

Technology	Time Spent %
4G	100
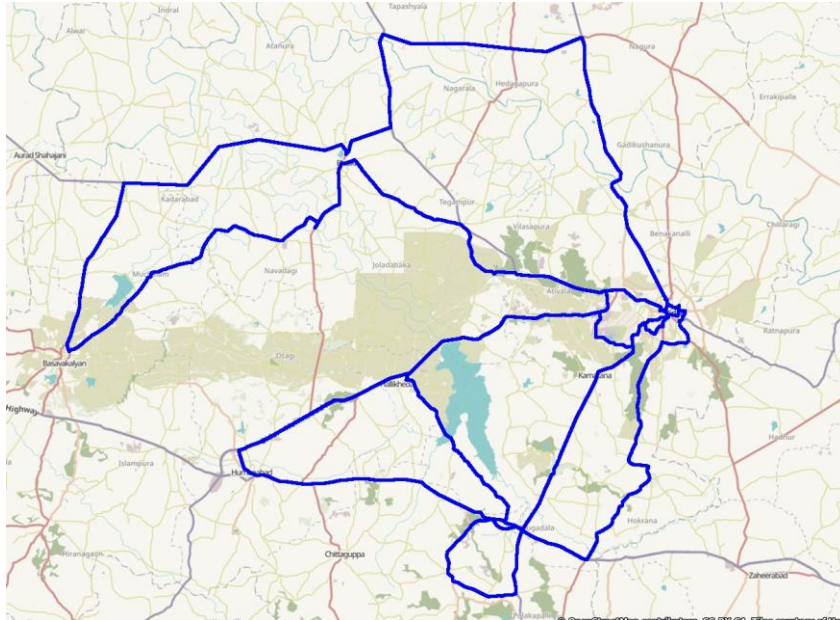
BSNL

Technology	Time Spent (%)
3G	19%
4G	96.10%
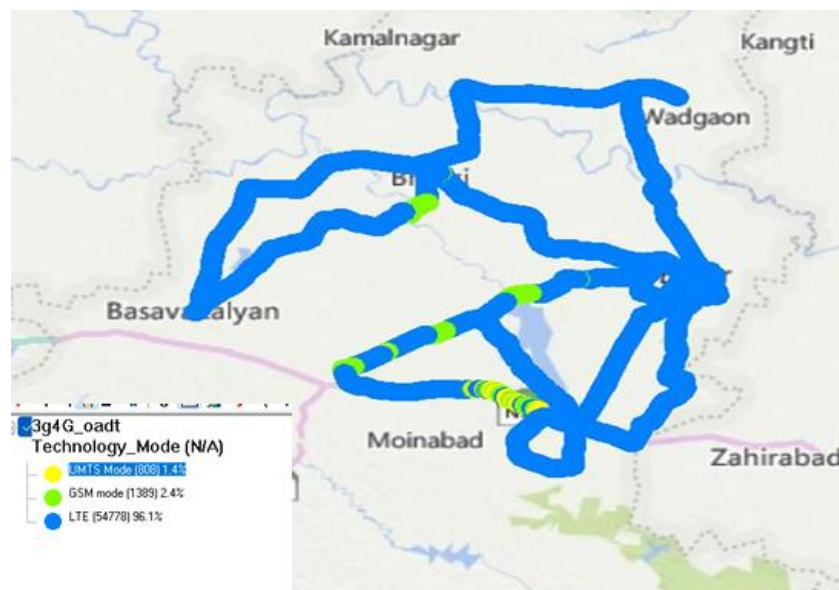
JIO

Technology	Time Spent %
4G	100
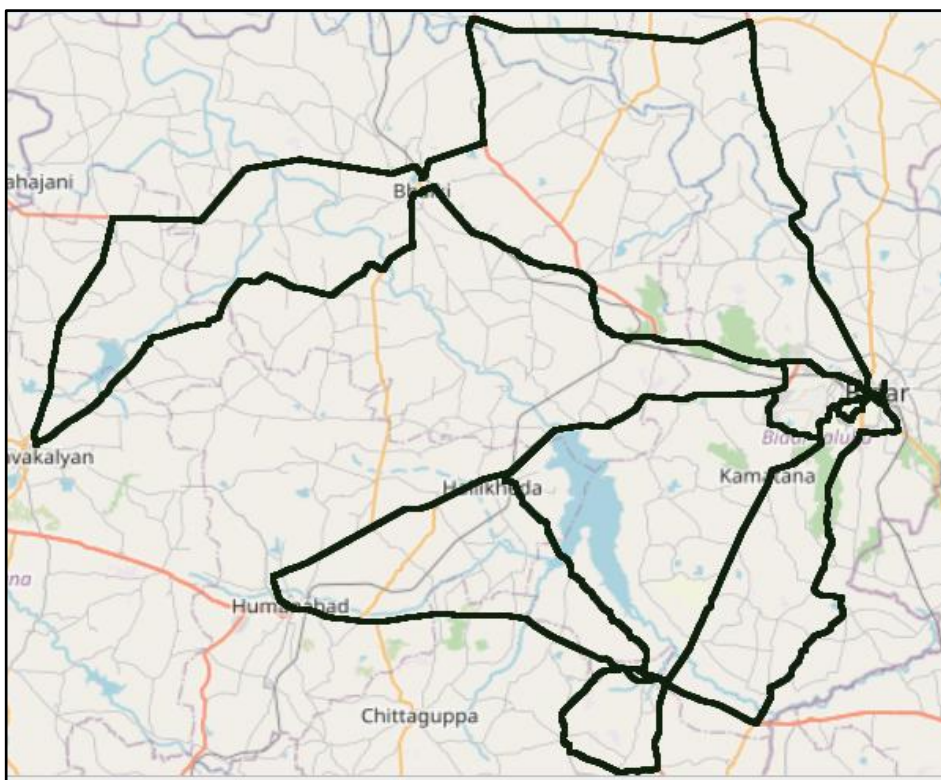
VIL

Technology	Time Spent (%)
4G	99.49%
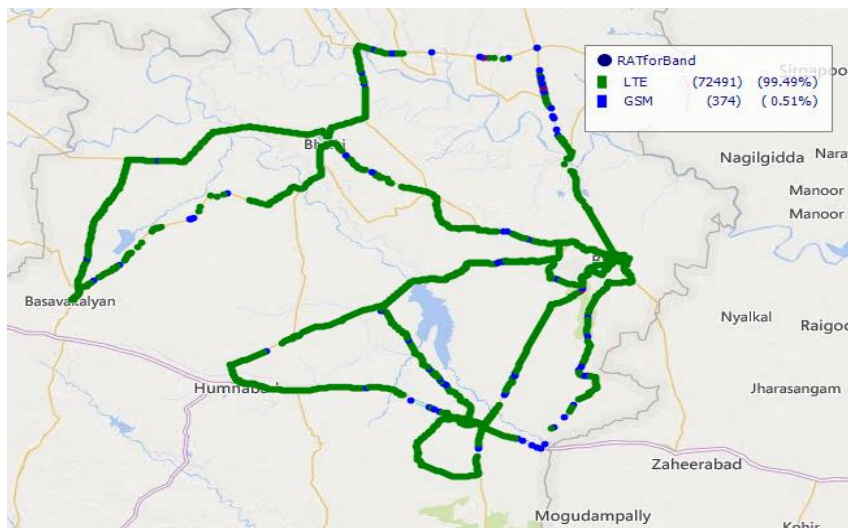
Airtel
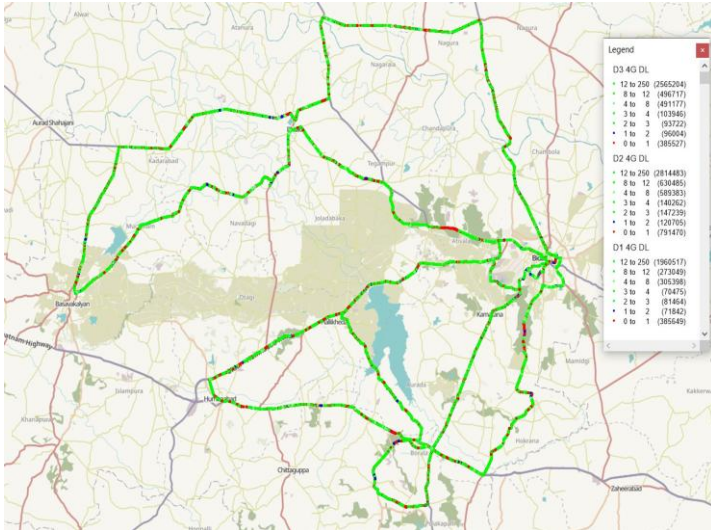
DL throughput	Total Samples	%
0 to 1 Mbps	1562646	12.39
1 to 2 Mbps	288551	2.29
2 to 3 Mbps	322425	2.56
3 to 4 Mbps	314683	2.49
4 to 8 Mbps	1385958	10.99
8 to 12 Mbps	1400251	11.10
>12 Mbps	7340204	58.19
Total	**12614718**	**100**
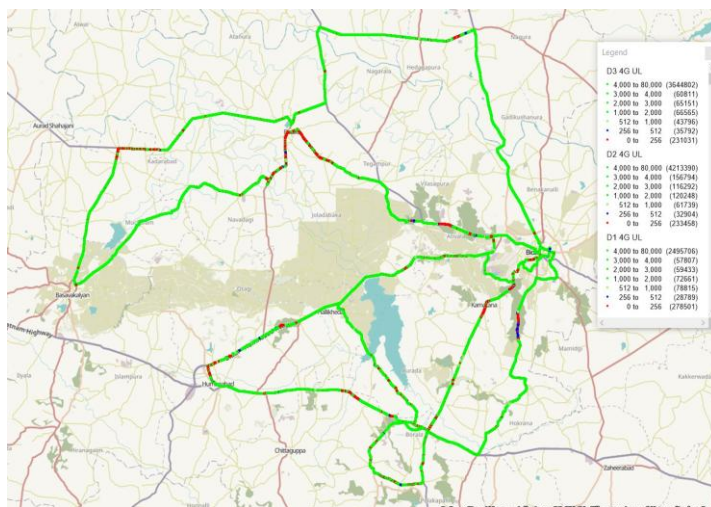
Upload throughput	Total Samples	%
0 to 256 kbps Mbps	742990	6.11
250 to 512 kbps	97485	0.80
512 Kbps to 1 Mbps	184350	1.52
1 to 2 Mbps	259474	2.13
2 to 3 Mbps	240876	1.98
3 to 4 Mbps	275412	2.27
>4Mbps	10353898	85.19
Total	**12154485**	**100**

BSNL
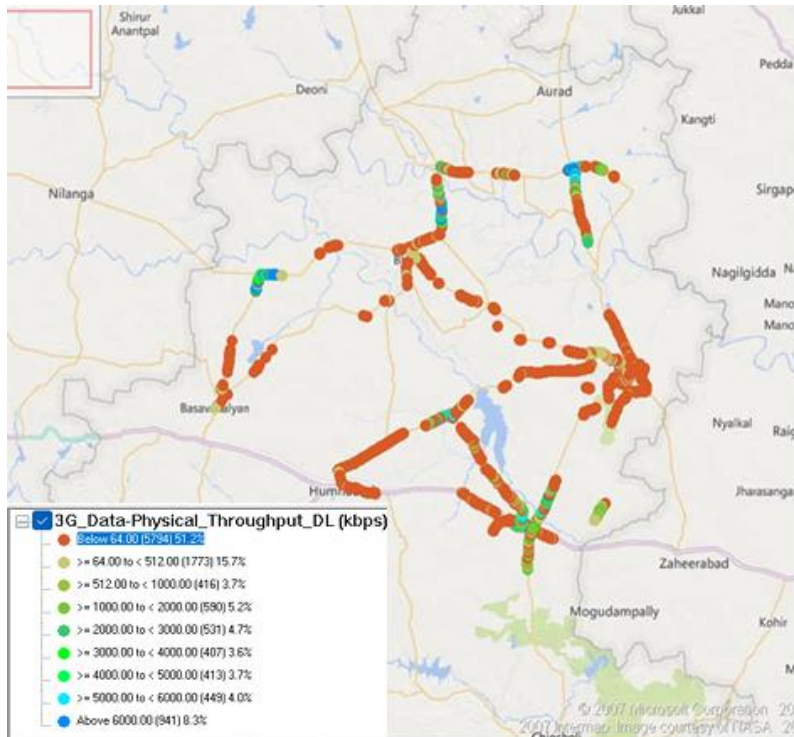
DL throughput	No. of Samples	%
0 to 1 Mbps	7983	70.56
1 to 2 Mbps	590	5.21
2 to 3 Mbps	531	4.69
3 to 4 Mbps	407	3.60
4 to 5 Mbps	413	3.65
5 to 6 Mbps	449	3.97
>6 Mbps	941	8.32
Total	11314	100.00
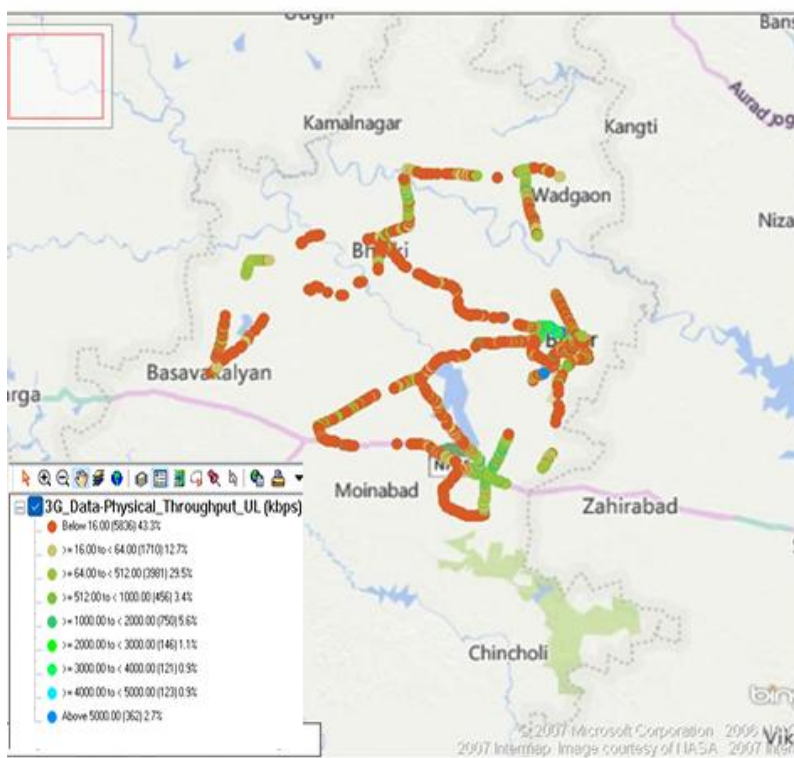
Upload throughput	No. of samples	%
0 to 64 kbps	7546	55.96 %
64 to 512 kbps	3981	29.52 %
512 Kbps to 1 Mbps	456	3.38 %
1 to 2 Mbps	750	5.56 %
2 to 3 Mbps	146	1.08 %
3 to 4 Mbps	121	0.90 %
>4Mbps	485	3.60 %
Total	13485	100.00 %

BSNL
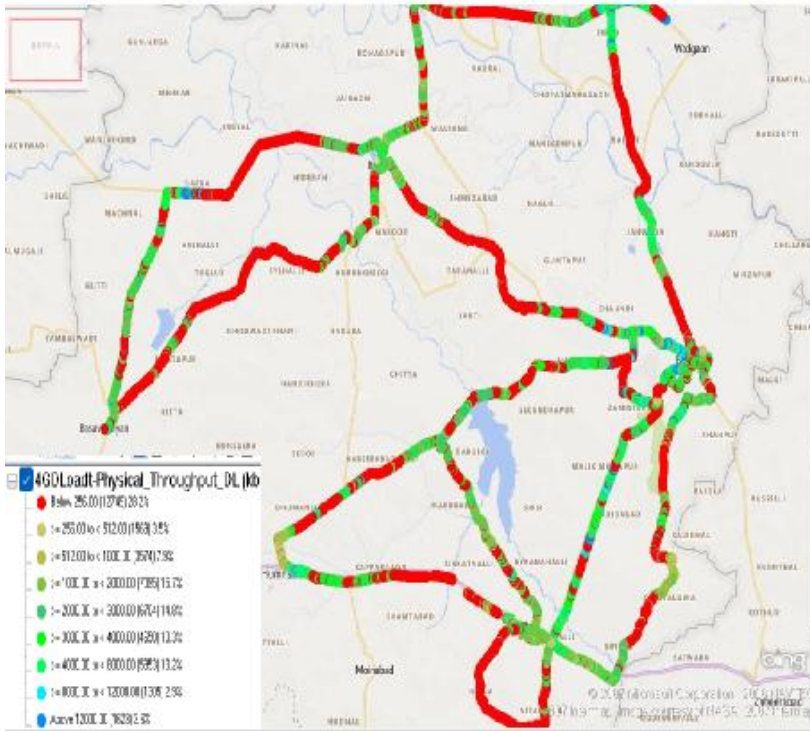
DL throughput	No. of Samples	%
0 to 1 Mbps	17892	39.56 %
1 to 2 Mbps	7095	15.69 %
2 to 3 Mbps	6704	14.82 %
3 to 4 Mbps	4650	10.28 %
4 to 8 Mbps	5953	13.16 %
8 to 12 Mbps	1305	2.89 %
>12 Mbps	1623	3.59 %
Total	45222	100%
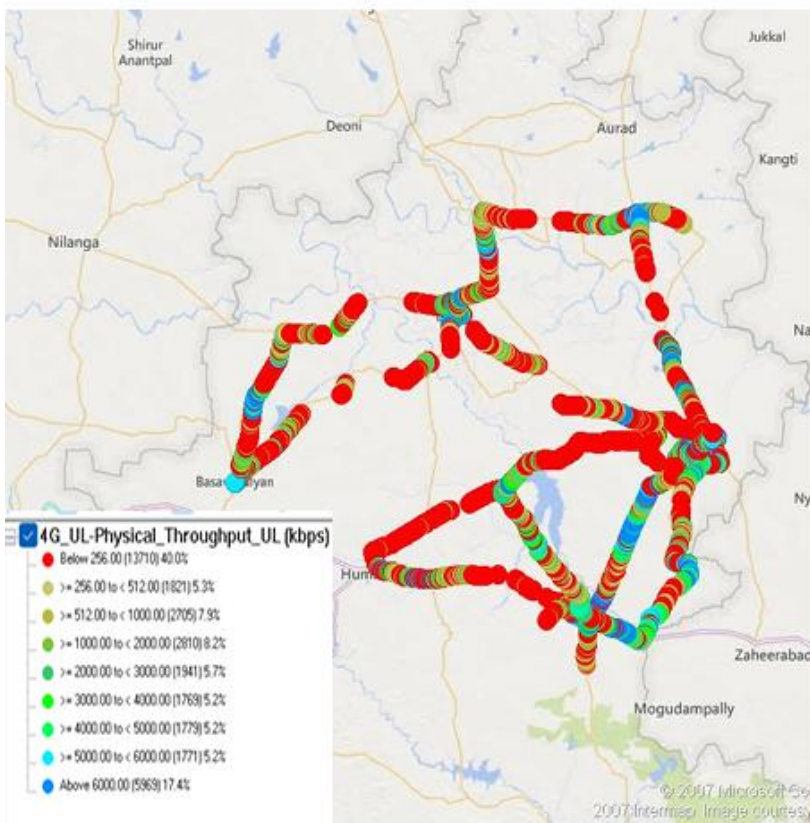
UL throughput	No. of samples	%
0 to 256 kbps	13710	40.00 %
250 to 512 kbps	1821	5.31 %
512 Kbps to 1 Mbps	2705	7.89 %
1 to 2 Mbps	2810	8.20 %
2 to 3 Mbps	1941	5.66 %
3 to 4 Mbps	1769	5.16 %
>4Mbps	9519	27.77 %
Total	34275	100.00 %

JIO
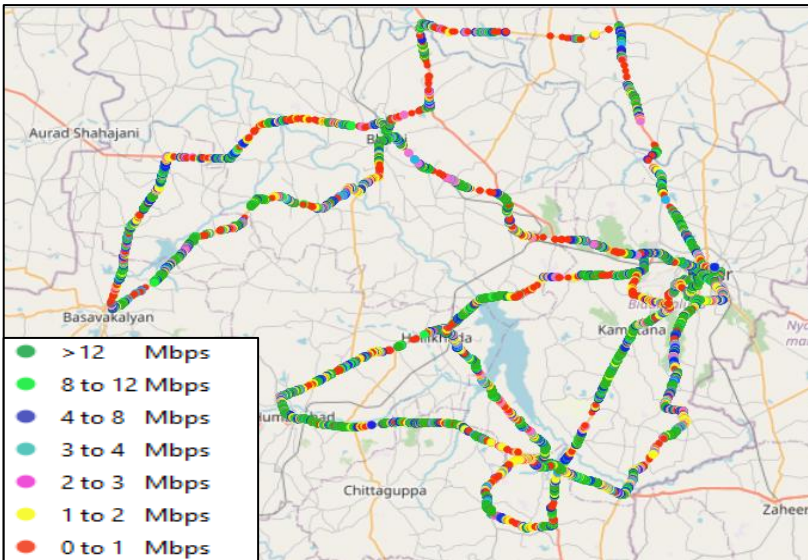
DL throughput	No. of Samples	%
>12 Mbps	11235	36.3
8 to 12 Mbps	3633	11.7
4 to 8 Mbps	5407	17.5
3 to 4 Mbps	1758	5.7
2 to 3 Mbps	2190	7.1
1 to 2 Mbps	2598	8.4
0 to 1 Mbps	4113	13.3
Total	30934	100
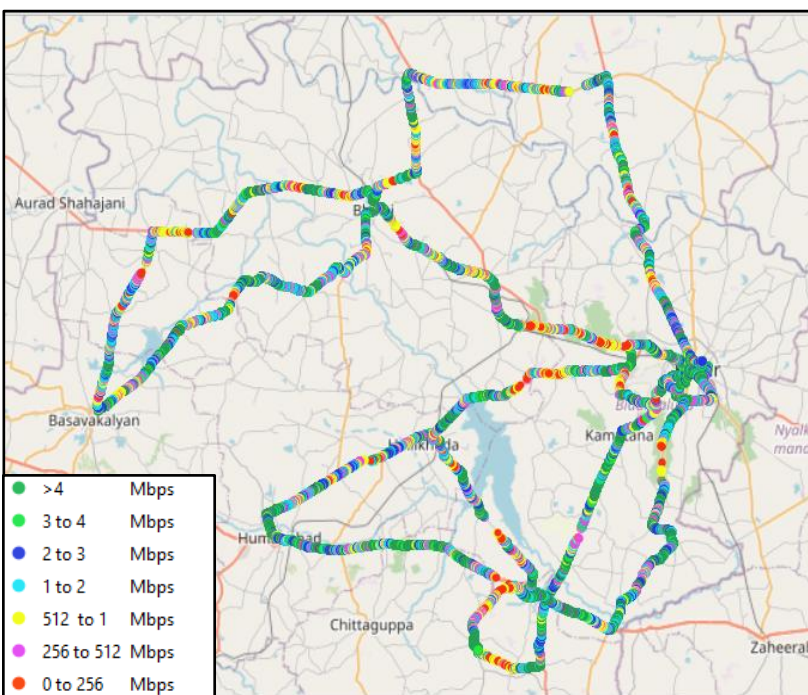
Upload throughput	No. of samples	%
>4Mbps	13496	36.81
3 to 4 Mbps	3505	9.56
2 to 3 Mbps	4512	12.31
1 to 2 Mbps	5958	16.25
512 Kbps to 1 Mbps	3894	10.62
250 to 512 kbps	2690	7.337
0 to 256 kbps Mbps	2610	7.119
Total	36665	100

VIL
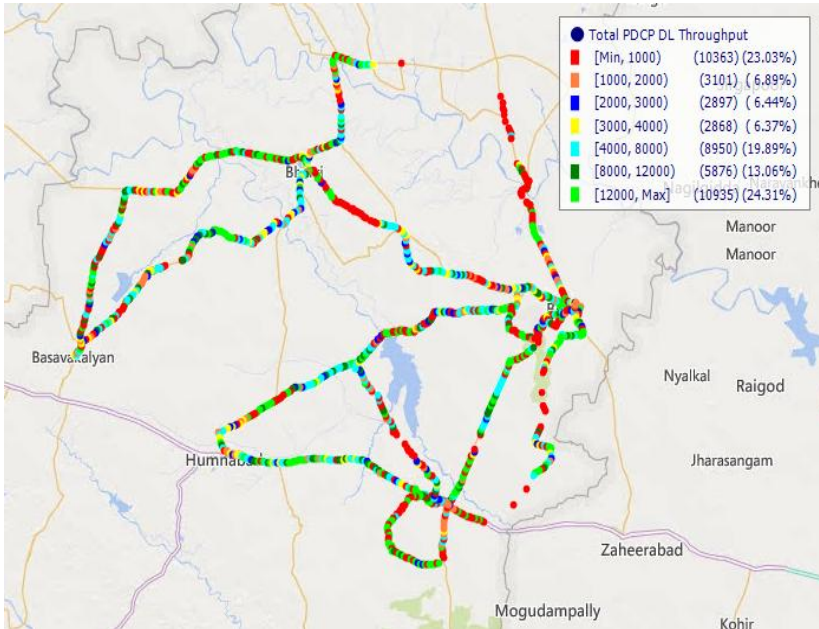
DL throughput	No. of Samples	%
0 to 1 Mbps	10363	23.03
1 to 2 Mbps	3101	6.89
2 to 3 Mbps	2897	6.44
3 to 4 Mbps	2868	6.37
4 to 8 Mbps	8950	19.89
8 to 12 Mbps	5876	13.06
>12 Mbps	10935	24.31
Total	**44990**	**100**

AIRTEL

Techology-4G/VoLTE	Location 1	Location 2	Location 3	Location 4	Location 5	Location 6
Download Speed	48.73	45.61	33.05	30.59	20.94	79.96
Upload Speed	35.80	23.65	13.88	28.41	17.04	22.36
Latency	47.8	47	45.7	34.3	45.4	38.8

LOC 1   LOC 2   LOC 3

LOC 4   LOC 5   LOC 6

BSNL

Technolgy-4G	Location 1	Location 2	Location 3	Location 4	Location 5	Location 6
Download Speed (Mbps)	6.98	5.28	6.44	6.75	6.43	8.92
Upload Speed (Mbps)	2.10	5.71	1.84	1.04	3.54	1.71
Latency (ms)	86.4	107.8	90.6	67.2	85.6	93.4
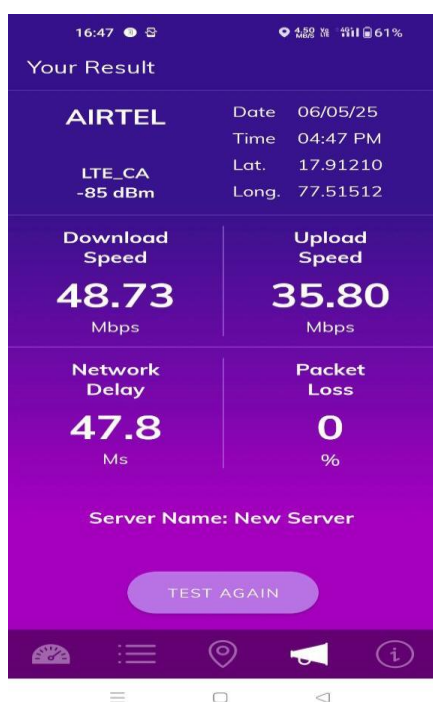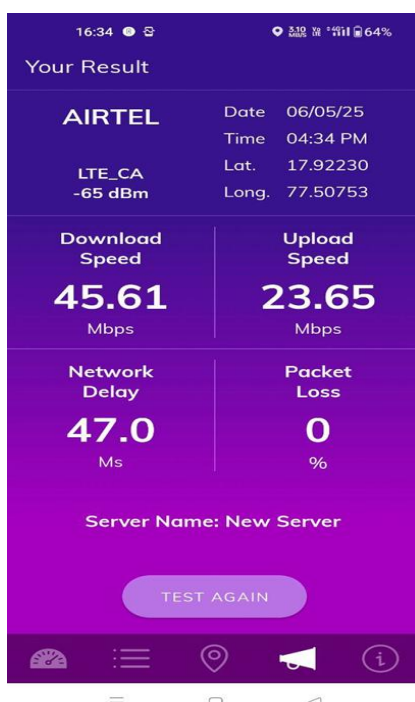
LOC 1　　　　LOC 2　　　　LOC 3
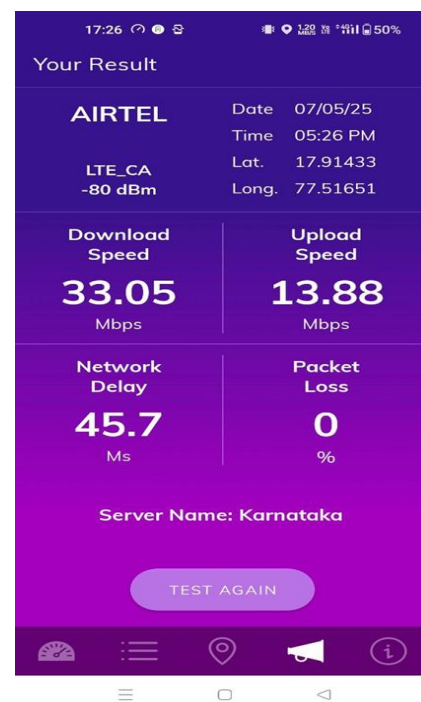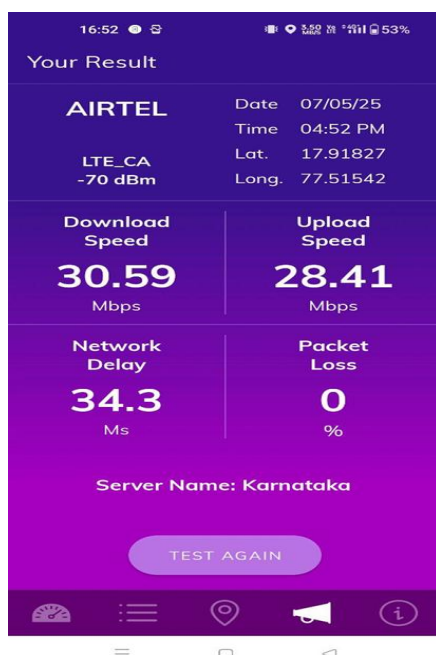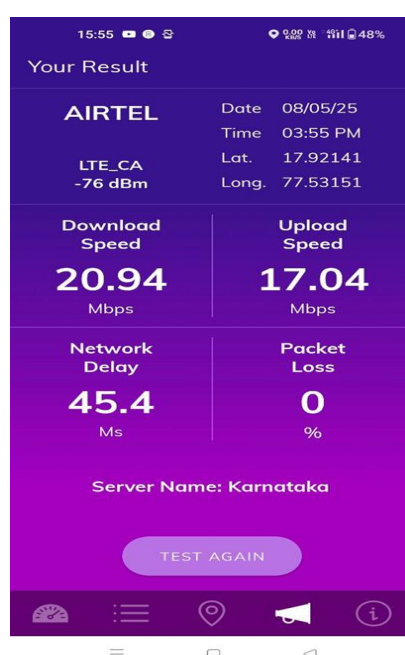
LOC 4　　　　LOC 5　　　　LOC 6
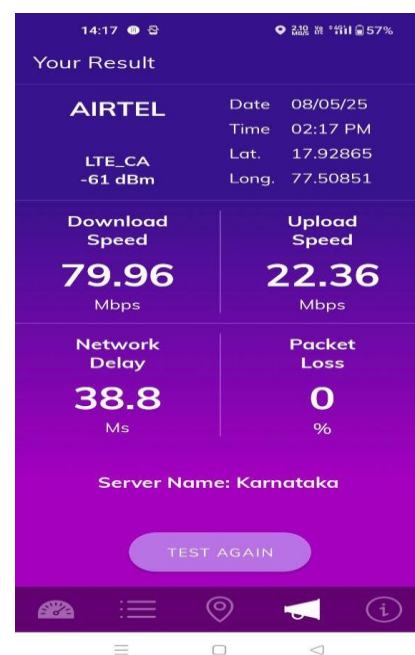
V. TRAI My Speed App Test Details-4G

JIO

Techology-4G/VoLTE	Bidar Bus stand	Bidar Railway Station	Govt Hospital	DC Office	Bidar Fort	Gurdwara
Download Speed	83.09	43.38	58.98	47.19	30.51	31.85
Upload Speed	6.45	5.22	26.61	6.09	10.53	3.9
Latency	83.3	86.9	57.2	62.4	80.9	45

Bidar Bus Stand
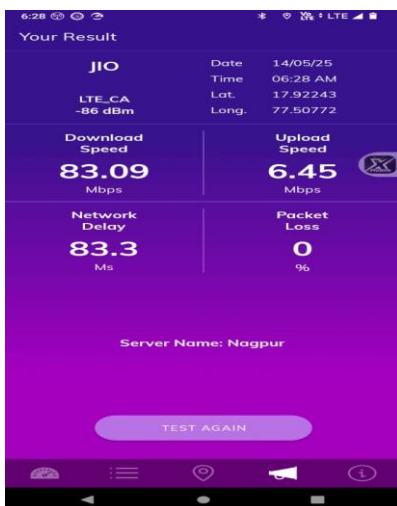
Bidar Railway station
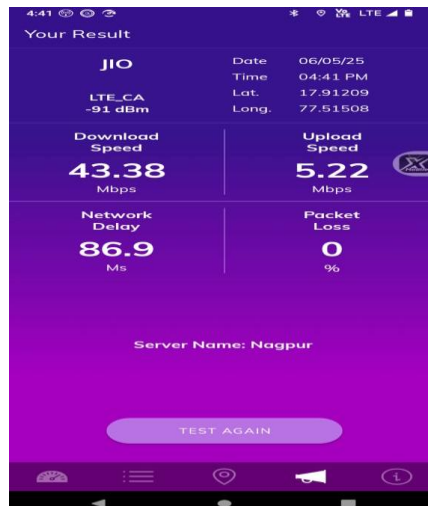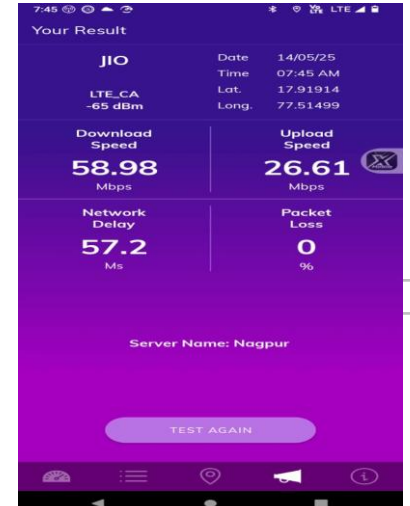
Govt Hospital

DC Offic

Bidar Fort

Gurudwara

JIO

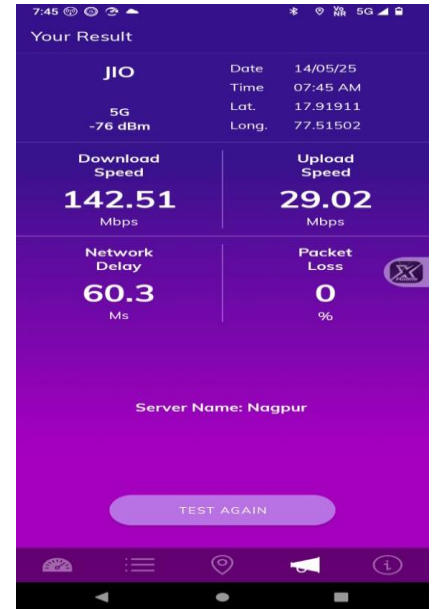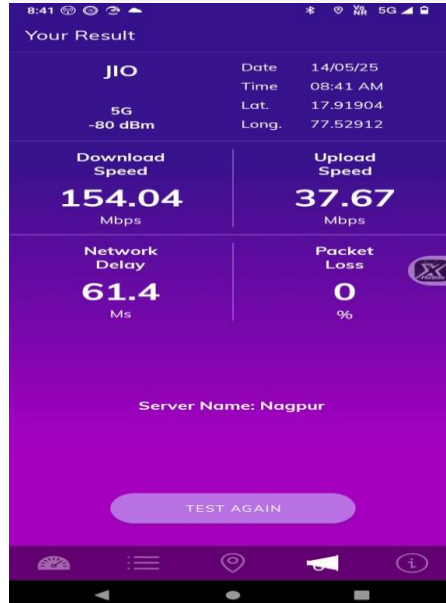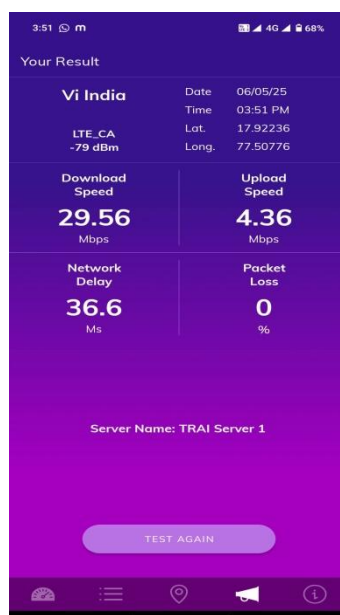| Techology-5G/VoNR	Loc1 Bidar Bus stand	Loc 2 Bidar Railway Station	Loc 3 Govt Hospital	Loc 4 DC Office	Loc 5 Bidar Fort	Loc 6 Gurdwara
Download Speed	170.81	120.62	142.51	181.48	154..04	158.69
Upload Speed	37.58	12.69	29.02	36.63	37.67	27.37
Latency	75.8	35.8	60.3	51.3	61.4	50

LOC 1

LOC 2

LOC 3

LOC 4

LOC 5

LOC 6

VIL

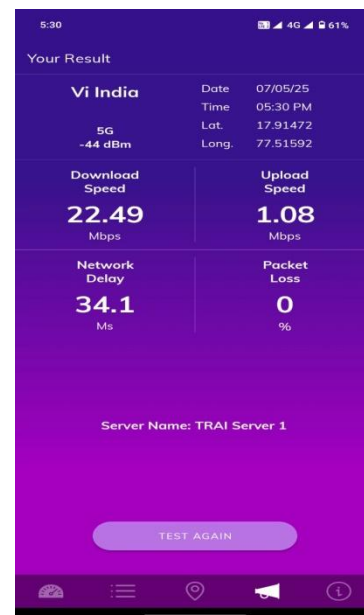| Techology-4G/VoLTE	Loc 1 Bidar Fort, Bidar	Loc 2 Bus Stand, Bidar	Loc 3 DC Office, Bidar	Loc 4 Government Hospital, Bidar	Loc 5 Gurudwara, Bidar	Loc 6 Railway Station, Bidar
Download Speed	24.09	29.56	22.49	35.6	28.01	24.24
Upload Speed	1.73	4.36	1.08	1.12	1.22	5.53
Latency	39.3	36.6	34.1	36.8	44	36.3

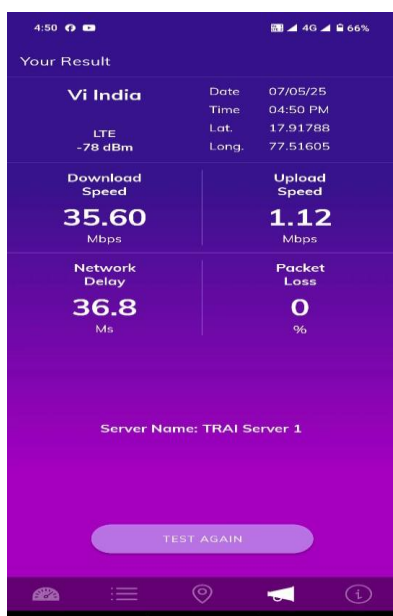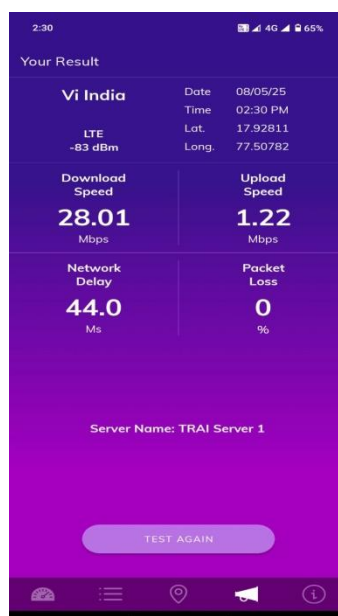### LOC 1

LOC 2

LOC 3

LOC 4

LOC 5

LOC 6