Operator Assisted Drive Test Report

For

Kodagu

09th to 12th July 2024

Madikeri – Mysuru – Kohala - Hullenahalli(NH) - 185 Kms (10th Jul 2024)
Kodagu & Surrounding Area - 265 Kms (09th, 11th & 12th Jul 2024)

TRAI RO, Bengaluru

Key Performance Indicators:

- All TSPs have met the 2% QOS benchmark of Drop Call Rate except BSNL 2G.

- All TSPs have met the 3% QOS benchmark of Call Block Rate except BSNL 2G.

- All 3G/4G TSPs have met the Rx Quality except BSNL 2G & 3G,RJIL 4G.

- All 3G/4G TSPs have met the Mobility HOSR except BSNL 2G.

The Operator Assisted Drive Test has been carried out by the Regional Office, Bangalore with the help of Service Providers from **09th to 12th Jul 2024**. The drive test covered the route of **450 Kms** including NH/SH of **185 Kms** & **6** hotspots. Approximately **500** calls were made for each of the 7 networks: three 2G networks, one 3G network, and three 4G networks covering four TSPs.

| Overview | Voice Summary | Data Summary |

Overview

Regional Office, TRAI Bengaluru conducted Operator Assisted Drive Test from **09th to 12th Jul 2024** covering various locations in **Kodagu & Surrounding Area** . The performance of Airtel, BSNL, Vodafone Idea, and Jio were monitored across various technologies (2G, 3G, and 4G/4G). 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 **450 KMs** including **NH/SH** of **185 Kms** over a period of 4 days from **09th to 12th Jul 2024**. Approximately 500 calls were made for each of the 7 networks: three 2G (Lock Mode) networks, one 3G (Dual mode) network, and three 4G networks covering 4 unique TSPs.

Data Tests: Dynamic data test (Test Data on Move) was conducted for **450 KMs** including **NH/SH** of **185 Kms** over a period of 4 days for download throughput for 3G & 4G technology. Data Tests were performed at 6 static locations; three 2G (Lock mode) networks, one 3G (Dual mode) network, and three 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, 3G measurement is done with UE in Dual mode (2G & 3G) and 4G measurement is done with UE in Free Mode.
* 3G KPI's which are calculated from UE in Dual Mode (2G & 3G) includes samples and events of 2G.
* 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
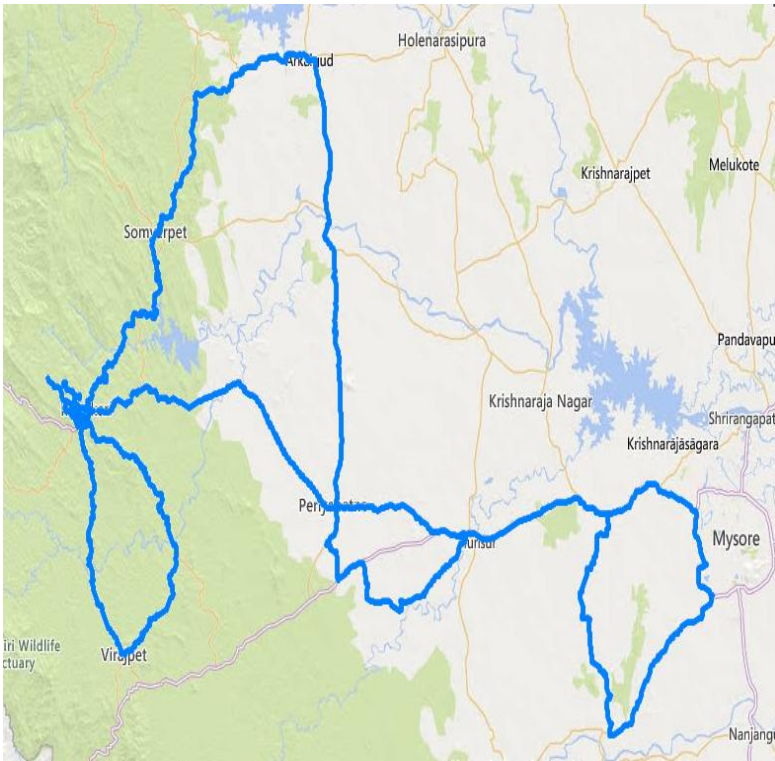
Areas covered	
Madikeri	Somwarpet
Kushalnagar	Arakalagud
Periyapatna	Ramanathapura
Hunsur	Chettalli
Mysure outer ring road	Siddapura
Kohala	Virajpet
Hullenahalli	Murnad

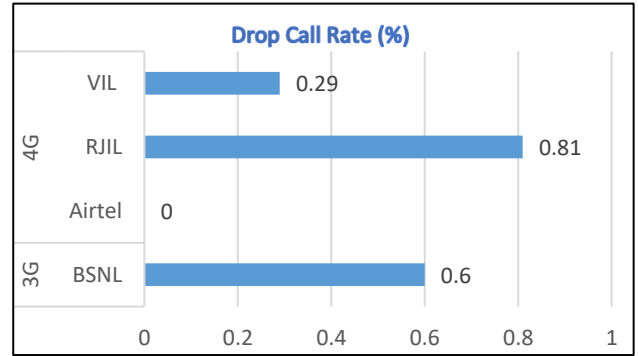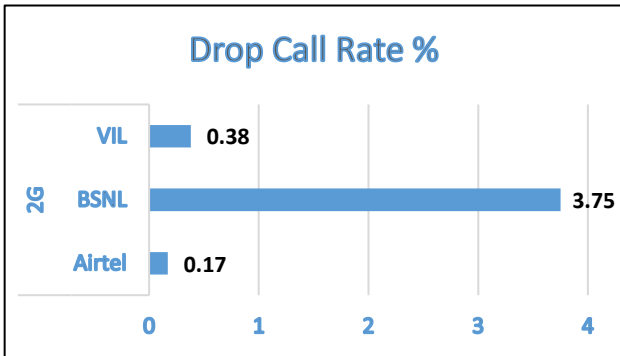## Data Service Test- Static Locations
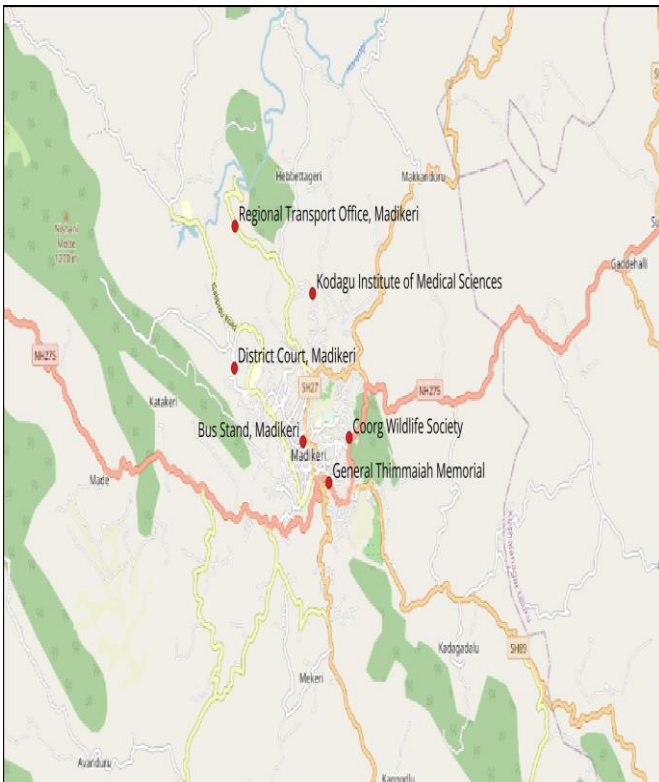
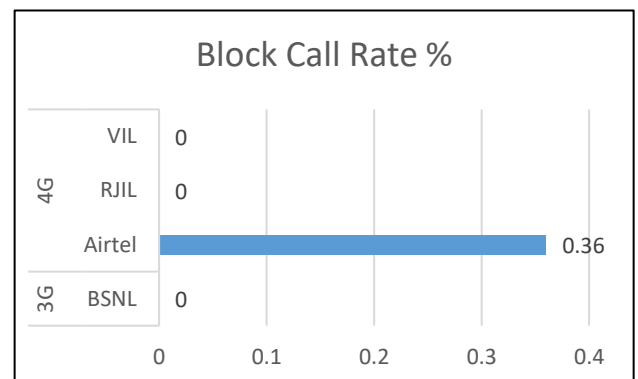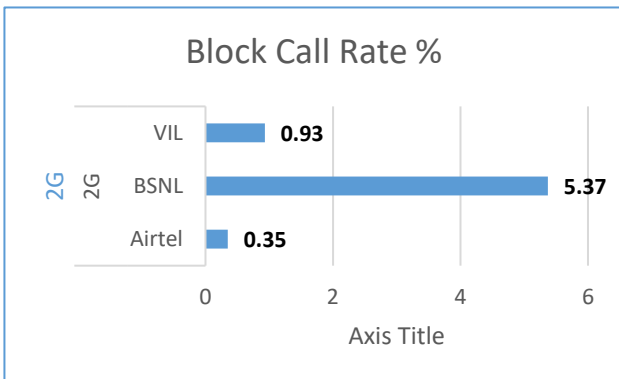| |
|---|
| 1. REGIONAL TRANSPORT OFFICE, MADIKERI |
| 2. KODAGU INSTITUTE OF MEDICAL SCIENCES |
| 3. BUS STAND, MADIKERI |
| 4. DISTRICT COURT, MADIKERI |
| 5. GENERAL THIMMAIAH MEMORIAL |
| 6. COORG WILDLIFE SOCIETY |

Voice Calls

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

Drop Call Rate (%)

Drop Call Rate %

VIL 0.38
BSNL 3.75
Airtel 0.17

Drop Call Rate (%)

VIL 0.29 (4G)
RJIL 0.81 (4G)
Airtel 0 (4G)
BSNL 0.6 (3G)

Block Call Rate (%)

Block Call Rate %

VIL 0.93
BSNL 5.37
Airtel 0.35
Axis Title

Block Call Rate %

VIL 0 (4G)
RJIL 0 (4G)
Airtel 0.36 (3G)
BSNL 0 (3G)

KPIs	2G			3G	4G		
	Airtel	BSNL	VIL	BSNL	Airtel	RJIL	VIL
Drop Call Rate %	0.17	3.75	0.38	0.6	0	0.81	0.29
Block Call Rate %	0.35	5.37	0.93	0	0.36	0	0

a) All TSPs have met the 2% QOS benchmark of Drop Call Rate except BSNL 2G.
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%	71.18	48.23	65.03

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

TSPs	3G	4G		
	BSNL	**Airtel**	**JIO**	**VIL**
Coverage %	53.50	95.80	84.14	76.33

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

TSPs	3G	4G		
	BSNL	**Airtel**	**JIO**	**VIL**
Time Spent on 3G/4G%	9.7	100	100	91.29

Summary

Voice Call	2G		
	Airtel	**BSNL**	**VIL**
Call Attempt	579	688	535
Blocked Call Rate (%)	0.35	5.37	0.93
CSSR% (Accessibility)	99.48	94.89	99.07
Drop Call Rate (%)	0.17	3.75	0.38
Rx Quality (%)	97.08	89.22	95.16
Mobility HOSR (%)	100	88.06	98.11

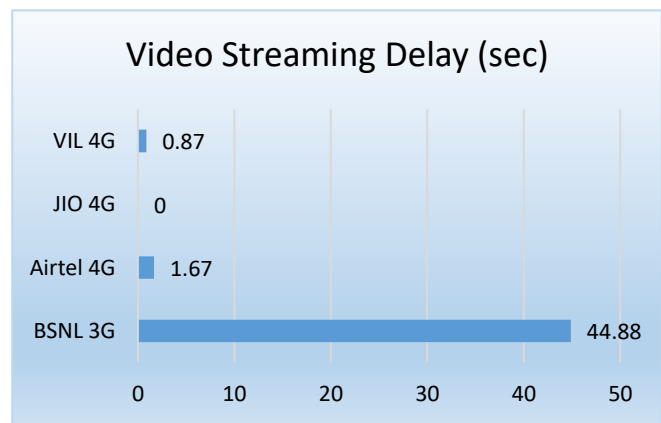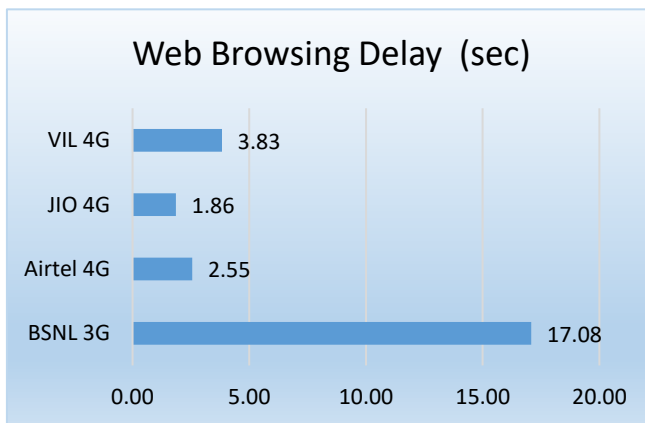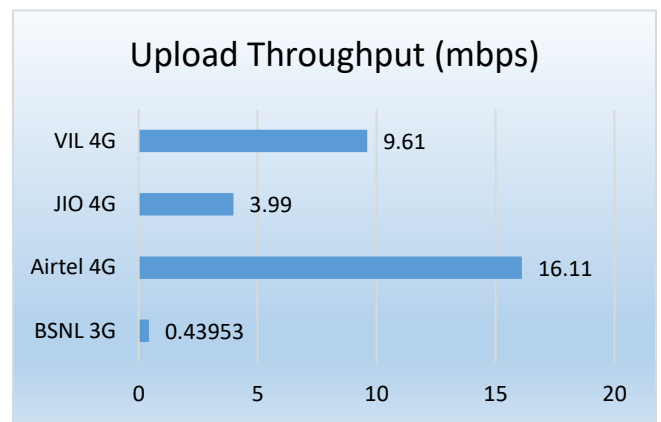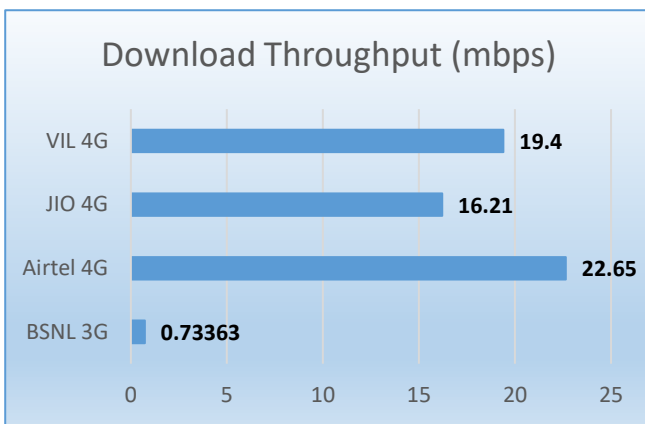| Voice Call	3G/4G			
	BSNL 3G	**Airtel 4G**	**JIO 4G**	**VIL 4G**
Call Attempt	173	559	609	345
Blocked Call Rate (%)	0	0.36	0	0
CSSR% (Accessibility)	100	99.64	97.04	100
Drop Call Rate (%)	0.6	0	0.81	0.29
Rx Quality (%)	81.44	99.34	88.18	96.01
Mobility HOSR (%)	98.83	98.38	97.22	99.75

Data Services Static

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
3G/4G

3G/4G/ Network:

Download Throughput (mbps)

Network	Value
VIL 4G	19.4
JIO 4G	16.21
Airtel 4G	22.65
BSNL 3G	0.73363

Upload Throughput (mbps)

Network	Value
VIL 4G	9.61
JIO 4G	3.99
Airtel 4G	16.11
BSNL 3G	0.43953

Web Browsing Delay (sec)

Network	Value
VIL 4G	3.83
JIO 4G	1.86
Airtel 4G	2.55
BSNL 3G	17.08

Video Streaming Delay (sec)

Network	Value
VIL 4G	0.87
JIO 4G	0
Airtel 4G	1.67
BSNL 3G	44.88

Latency (msec)

Network	Value
VIL 4G	56.9
JIO 4G	43.42
Airtel 4G	52
BSNL 3G	189.96
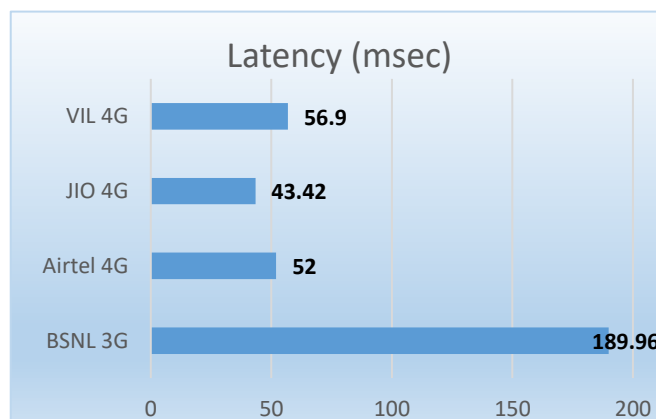
Summary

Data Services Static	2G		
	Airtel	BSNL	VIL
Download Throughput (kbps)	117.68	44.08	93.7
Upload Throughput (kbps)	12.72	59.74	72.66
Web Browsing Delay (sec)	67.43	121.62	54.9
Latency (msec)	248.03	366.8	117.93

Data Services Static	3G/4G			
	BSNL 3G	Airtel 4G	JIO 4G	VIL 4G
Download Throughput (mbps)	0.73363	22.65	16.21	19.4
Upload Throughput (mbps)	0.43953	16.11	3.99	9.61
Web Browsing Delay (sec)	17.08	2.55	1.86	3.83
Video Streaming Delay (sec)	44.88	1.67	0	0.87
Latency (msec)	189.96	52	43.42	56.9

Data Services Dynamic (Data Test on Move)	3G	4G		
	BSNL	Airtel	JIO	VIL
Download Throughput (mbps)	0.7004	30.59	15.66	26.71
Upload Throughput (mbps)	0.61581	11.4	2.49	8.66

Summary

Data Services Static – RTO Madikeri	2G		
	Airtel	BSNL	VIL
Download Throughput (kbps)	92.18	37.68	86.54
Upload Throughput (kbps)	9.9	62.116	62.14
Web Browsing Delay (sec)	52.6	50.87	65.63
Latency (ms)	270	288	114

Data Services Static – RTO Madikeri	3G	4G		
	BSNL	Airtel	JIO	VIL
Download Throughput (Mbps)	718.09	27.56	20.1	25.79
Upload Throughput (Mbps)	388.17	8.3	1.97	5.14
Web Browsing Delay (sec)	14.45	1.95	1.77	3.61
Video Streaming Delay (sec)	9.22	1.8	0	0.79
Latency (ms)	97	56.4	43.48	51.6

Data Services Static – Kodagu Institute of Medical Science	2G		
	Airtel	BSNL	VIL
Download Throughput (kbps)	150.72	61.07	83.87
Upload Throughput (kbps)	21.22	37.37	64.032
Web Browsing Delay (sec)	53.3	113.94	78.796
Latency (msec)	205.8	300	141

Data Services Static - Kodagu Institute of Medical Science	3G	4G		
	BSNL	Airtel	JIO	VIL
Download Throughput (Mbps)	600.84	45.29	18.73	20.86
Upload Throughput (Mbps)	504.43	15.98	2.8	5.548
Web Browsing Delay (sec)	22.88	2.36	1.68	5.518
Video Streaming Delay (sec)	24.72	1.4	0	0.992
Latency (ms)	249	50	41	35.6

Summary

Data Services Static – Bus Stand Madikeri	2G		
	Airtel	BSNL	VIL
Download Throughput (kbps)	129.9	76.92	102.92
Upload Throughput (kbps)	18.22	46.70	86.09
Web Browsing Delay (sec)	57.31	58.20	50.414
Latency (ms)	264	219.80	112

Data Services Static – Bus Stand Madikeri	3G	4G		
	BSNL	Airtel	JIO	VIL
Download Throughput (Mbps)	799.75	9.06	30.13	23.83
Upload Throughput (Mbps)	440.78	21.17	7.79	13.61
Web Browsing Delay (sec)	14.47	2.48	1.63	3.18
Video Streaming Delay (sec)	14.77	1.84	0	0.78
Latency (ms)	210.60	51	38	51

Data Services Static – District Court Madikeri	2G		
	Airtel	BSNL	VIL
Download Throughput (kbps)	138.06	27.04	119.58
Upload Throughput (kbps)	10.66	53.89	73.714
Web Browsing Delay (sec)	66.29	105.36	42.072
Latency (msec)	255	770	113

Data Services Static – District Court Madikeri	3G	4G		
	BSNL	Airtel	JIO	VIL
Download Throughput (Mbps)	822.39	23.13	11.5	18.47
Upload Throughput (Mbps)	371.13	13	2.5	6.72
Web Browsing Delay (sec)	12.62	2.18	2.04	3.35
Video Streaming Delay (sec)	69.4	1.6	0	0.9
Latency (ms)	258	53	39	63

Summary

Data Services Static – General Thimmaiah Memorial	2G		
	Airtel	BSNL	VIL
Download Throughput (kbps)	95.96	21.61	84.84
Upload Throughput (kbps)	8.34	87.69	74.22
Web Browsing Delay (sec)	75.52	247.66	40.26
Latency (ms)	247	294.20	116

Data Services Static – General Thimmaiah Memorial	3G	4G		
	BSNL	Airtel	JIO	VIL
Download Throughput (Mbps)	520.43	23.7	8.06	12.13
Upload Throughput (Mbps)	440.86	23.23	3.67	13.34
Web Browsing Delay (sec)	21.68	2.12	2.17	3.53
Video Streaming Delay (sec)	79.3	1.47	0	0.85
Latency (ms)	211	54	37	75

Data Services Static – Coorg Wildlife Society	2G		
	Airtel	BSNL	VIL
Download Throughput (kbps)	99.26	40.18	84.44
Upload Throughput (kbps)	8.02	70.64	75.74
Web Browsing Delay (sec)	99.57	153.73	52.22
Latency (msec)	246	329.80	111

Data Services Static – Coorg Wildlife Society	3G	4G		
	BSNL	Airtel	JIO	VIL
Download Throughput (Mbps)	940.31	7.15	8.75	15.34
Upload Throughput (Mbps)	492.07	15	5.22	13.34
Web Browsing Delay (sec)	16.42	4.19	1.87	3.79
Video Streaming Delay (sec)	71.92	1.9	0	0.92
Latency (ms)	115	48	63	65

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.

TSP	Coverage Rate %
Airtel 2G	71.18
BSNl 2G	48.23
VIL 2G	65.03
BSNL 3G	53.50
Airtel VoLTE	95.80
Jio VoLTE	84.14
VIL VoLTE	76.33

Coverage Distribution %

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]

Data values by carrier:
- Airtel 2G: 25.94, 45.24, 25.39, 3.43
- BSNl 2G: 27, 21.3, 31.5, 20.3
- VIL 2G: 41.68, 23.35, 22.38, 12.59
- BSNL 3G: 11.3, 22.1, 20.1, 46.5
- Airtel 4G: 47.86, 17.98, 29.96, 4.2
- Jio 4G: 21.49, 19.38, 43.27, 15.86
- VIL 4G: 4.51, 16.6, 55.22, 23.67
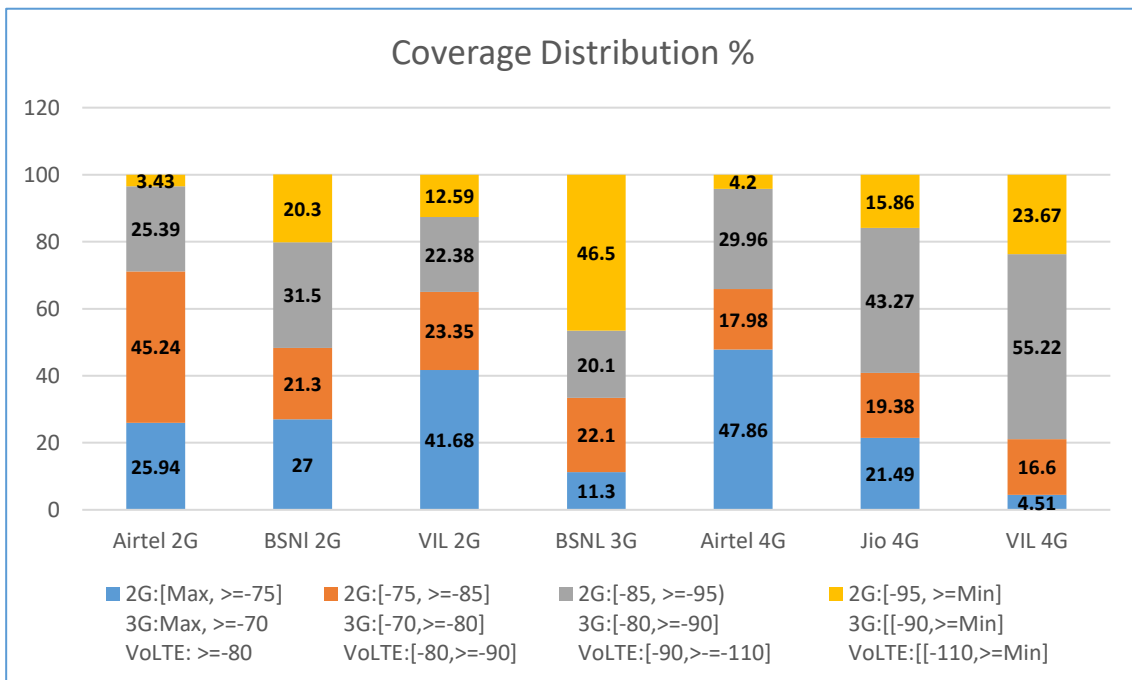
AIRTEL

Technology	Coverage Rate %
2G	71.18
4G	95.80
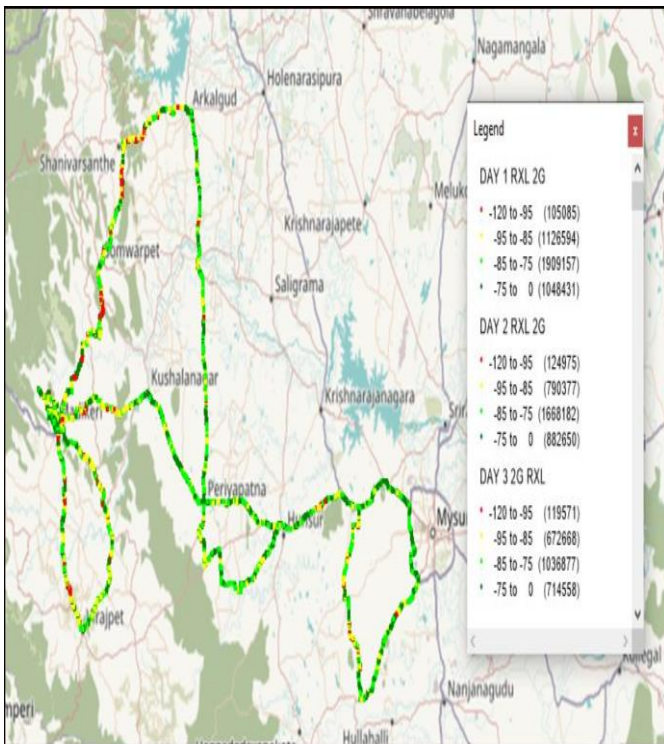
2G	**4G**
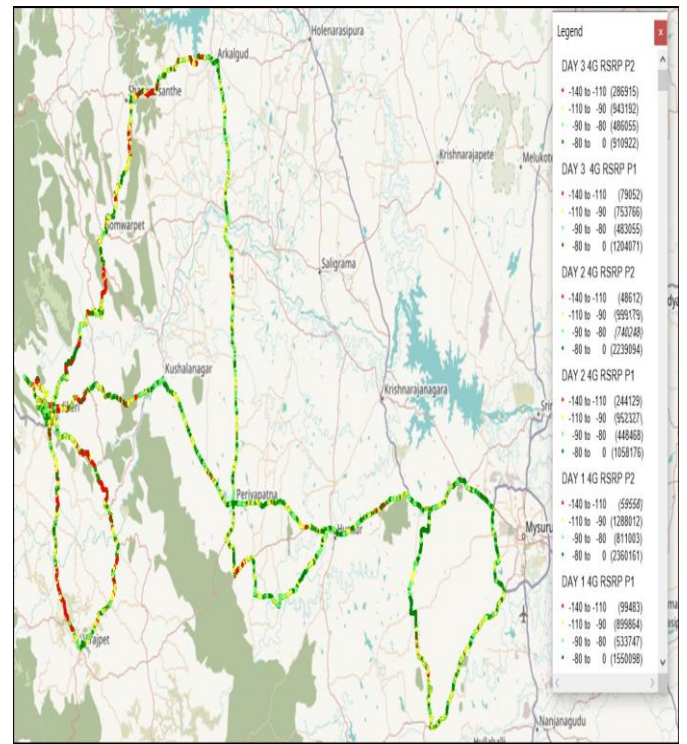
2G		
Overall RxLevel	**# Samples**	**% PDF**
[Max, >=-75]	2645639	25.94
[-75, >=-85)	4614216	45.24
[-85, >=-95)	2589639	25.39
[-95, >=Min)	349631	3.43
Total	**10199125**	**100.00**

4G/VoLTE		
Overall RSRP	**# Samples**	**% PDF**
[Max, >=-80]	9322522	47.86
[-80, >=-90)	3502576	17.98
[-90, >=-110)	5836340	29.96
[-110, >=Min)	817746	4.20
Total	**19479184**	**100**

BSNL

Technology	Coverage Rate %
2G	48.23
3G	53.5
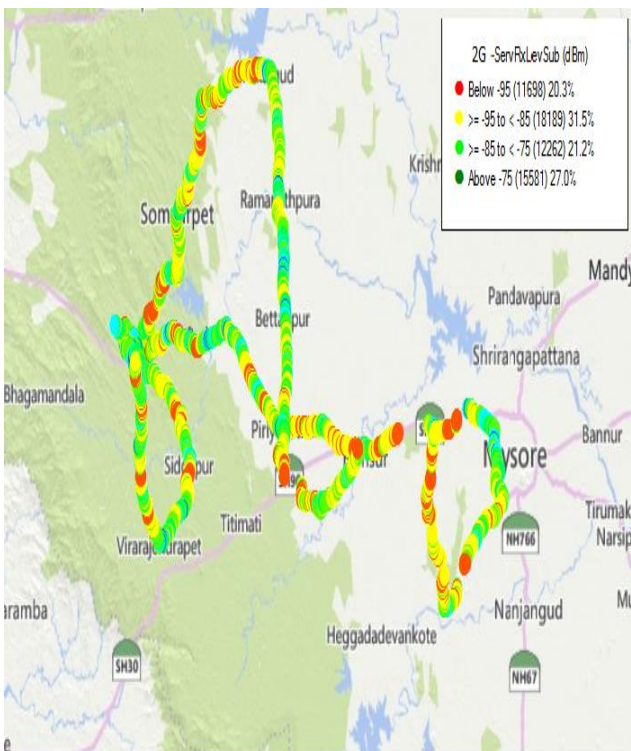
2G	3G

2G
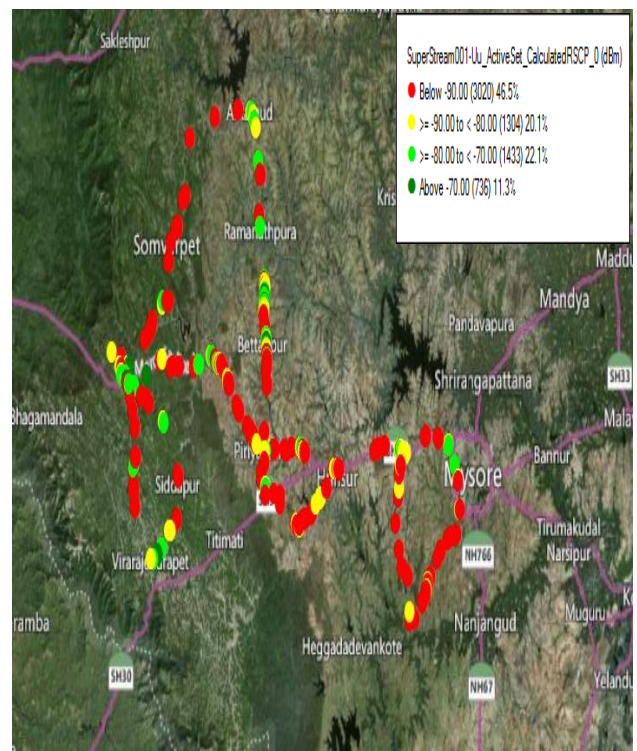
Overall RxLevel	# Samples	% PDF
[Max, >=-75]	15581	27.0
[-75, >=-85]	12262	21.2
[-85, >=-95]	18189	31.5
[-95, >=Min]	11698	20.3
Total	**57730**	**100**

3G

Overall RSCP	# Samples	% PDF
[Max, >=-70]	736	11.3
[-70, >=-80]	1433	22.1
[-80, >=-90]	1304	20.1
[-90, >=Min]	3020	46.5
Total	**6493**	**100**

JIO

Technology	Coverage Rate %
4G	84.14
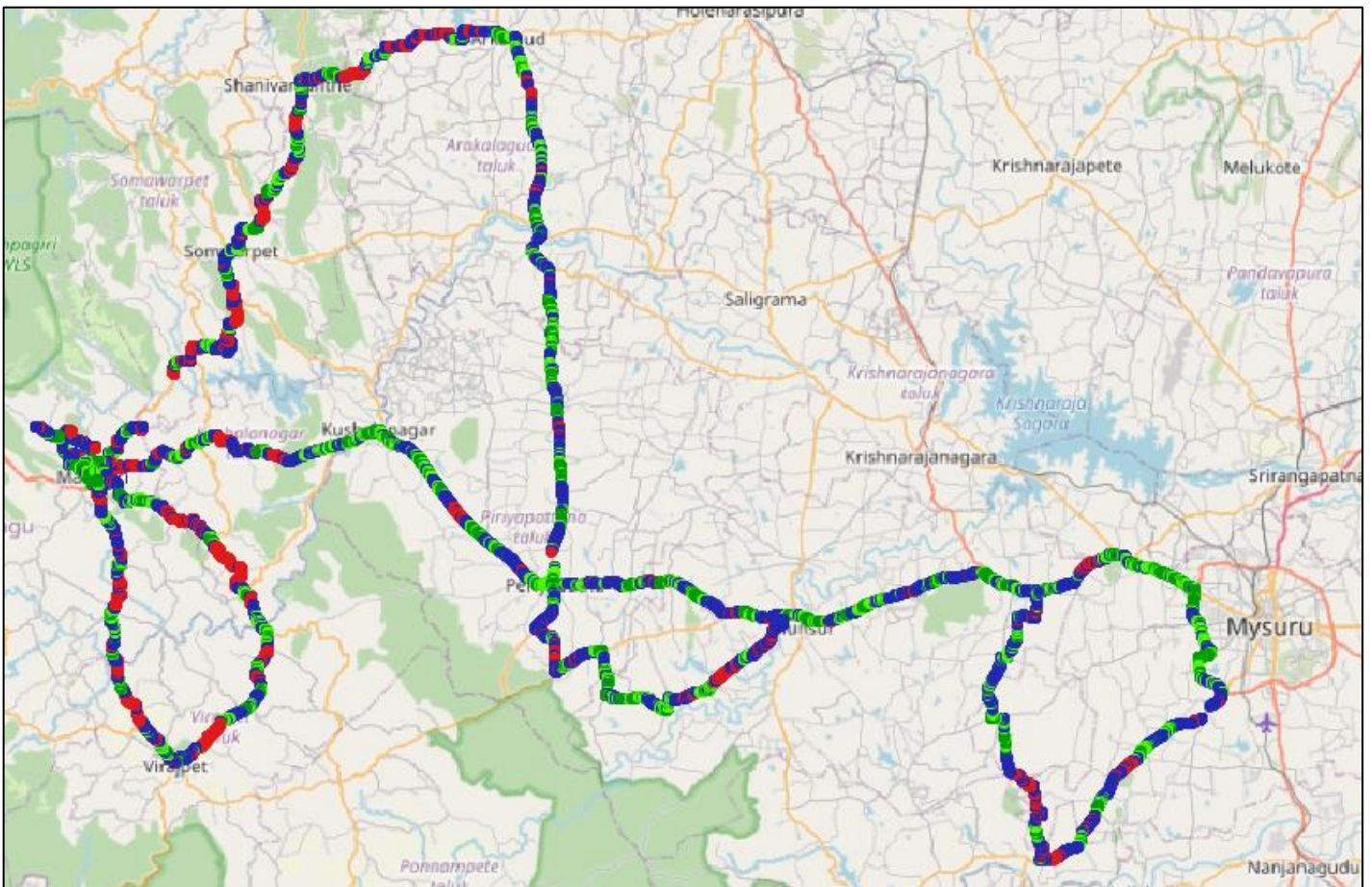
4G/VoLTE		
Overall RSRP	# Samples	% PDF
[Max, >=-80]	13701	21.49
[-80, >=-90)	12357	19.38
[-90, >=-110)	27585	43.27
[-110, >=Min)	10109	15.86
Total	63752	100

VIL

Technology	Coverage Rate %
2G	65.03
4G	76.33

2G	4G
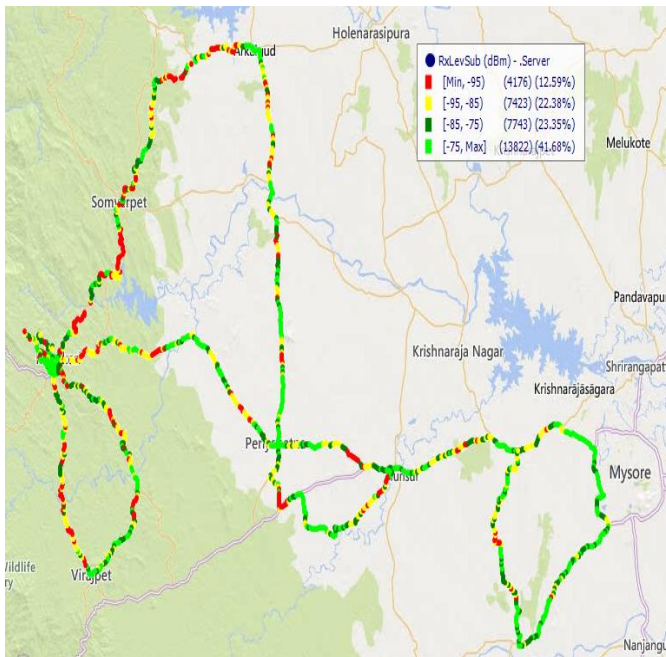
2G				4G/VoLTE		
Overall RxLevel	# Samples	% PDF		Overall RSRP	# Samples	% PDF
[Max, >=-75]	13822	41.68		[Max, >=-80]	816	4.51
[-75, >=-85)	7743	23.35		[-80, >=-90)	3003	16.60
[-85, >=-95)	7423	22.38		[-90, >=-110)	9993	55.23
[-95, >=Min)	4176	12.59		[-110, >=Min)	4282	23.67
Total	33164	100.00		Total	18094	100.00
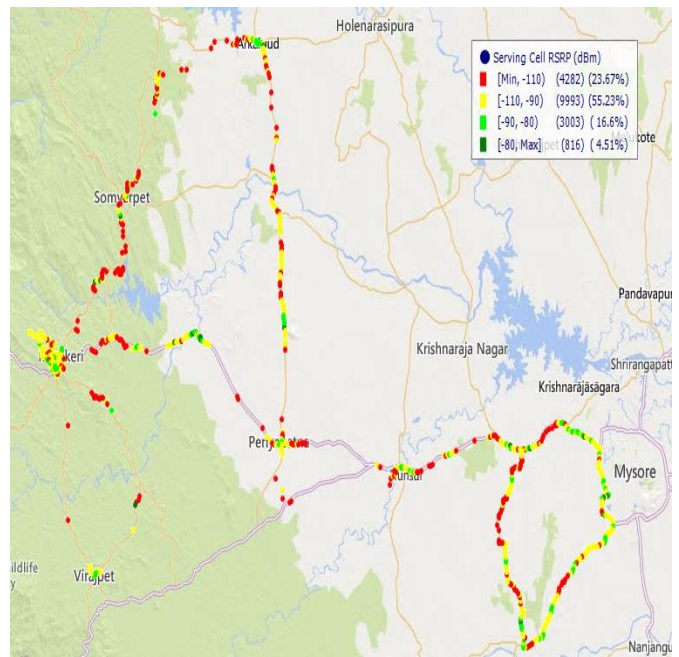
For measuring voice quality, as per the QoS norms, RxQual <=5 for GSM TSPs, EcNo >= -14 dBm for 3G TSP sand SINR >0 in case of 4G is considered to be good, where as quality beyond this benchmark is considered to be bad. The benchmark should usually be ≥ 95%.

TSP	Rx Quality %
Airtel 2G	97.08
BSNl 2G	89.22
VIL 2G	95.16
BSNL 3G	81.44
Airtel VoLTE	99.34
Jio VoLTE	88.18
VIL VoLTE	96.01

Rx Quality

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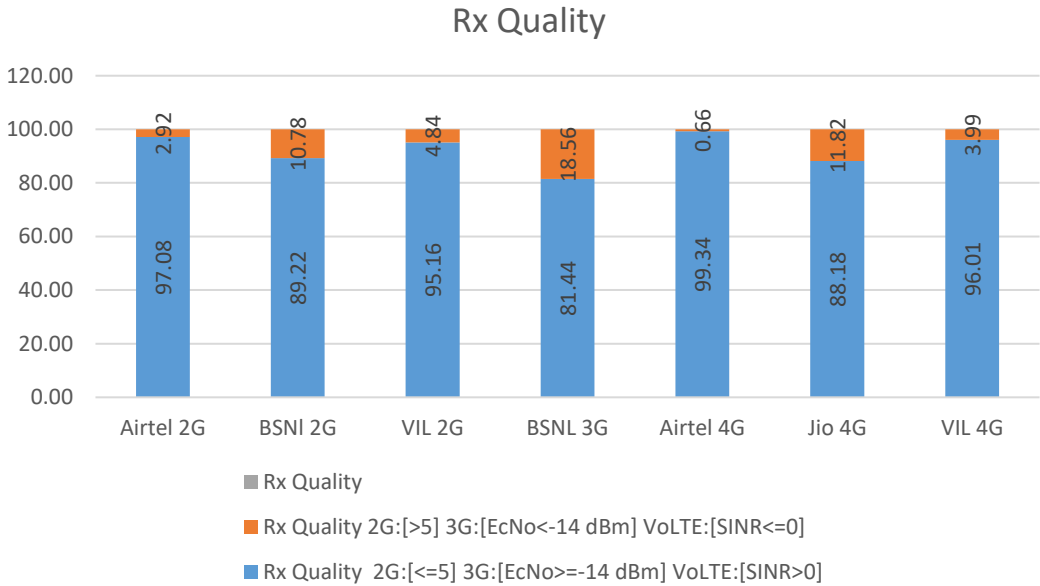
Airtel

Technology	Rx Quality %
2G	97.08
4G	99.34

2G

4G
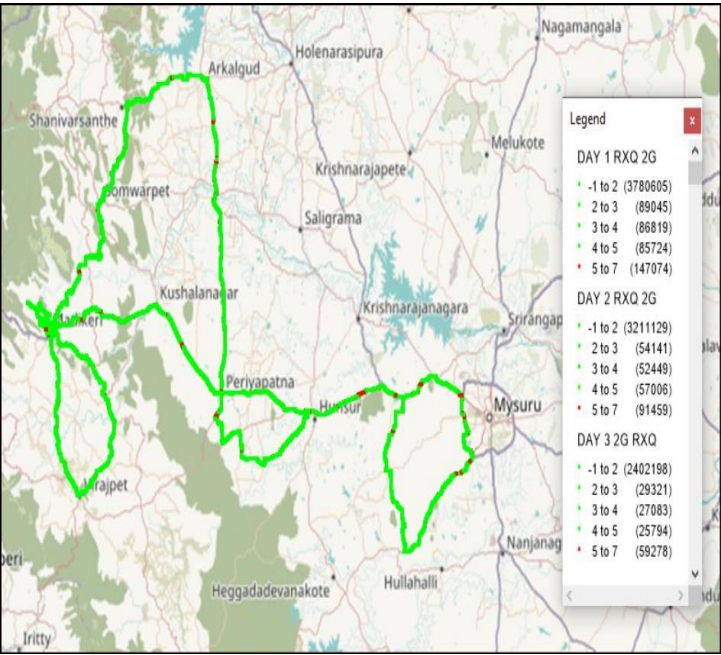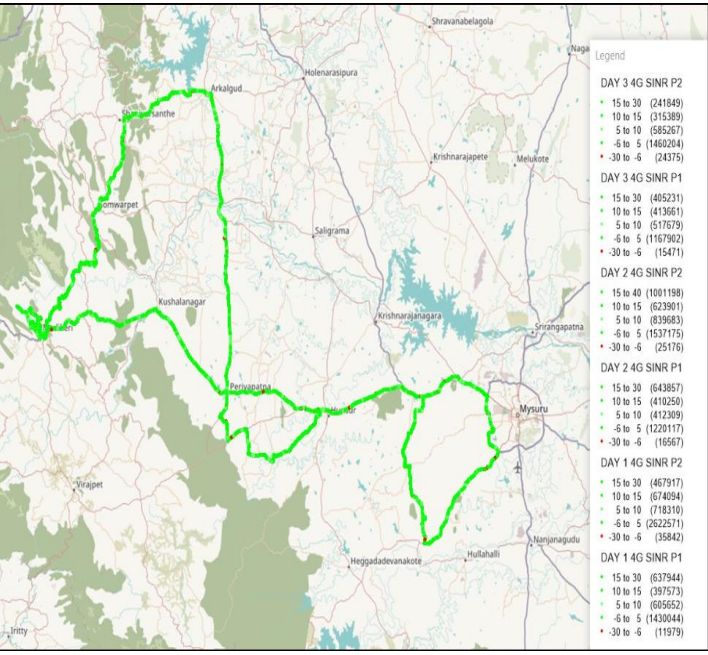
Overall Rx Quality	# Samples	% PDF
(Min, <=2)	9393932	92.11
(2, <=3)	172507	1.69
(3 , <=4)	166351	1.63
(4 , <=5)	168524	1.65
(5 , <=Max)	297811	2.92
Total	**10199125**	**100**

Overall SINR	# Samples	% PDF
(Min, <=0)	129410	0.66
(0, <=5)	9438013	48.45
(5, <=10)	3678900	18.89
(10, <=15)	2834868	14.55
(15, <=Max)	3397996	17.44
Total	**19479187**	**100**

BSNL

Technology	Rx Quality %
2G	89.22
3G	81.44

2G	3G
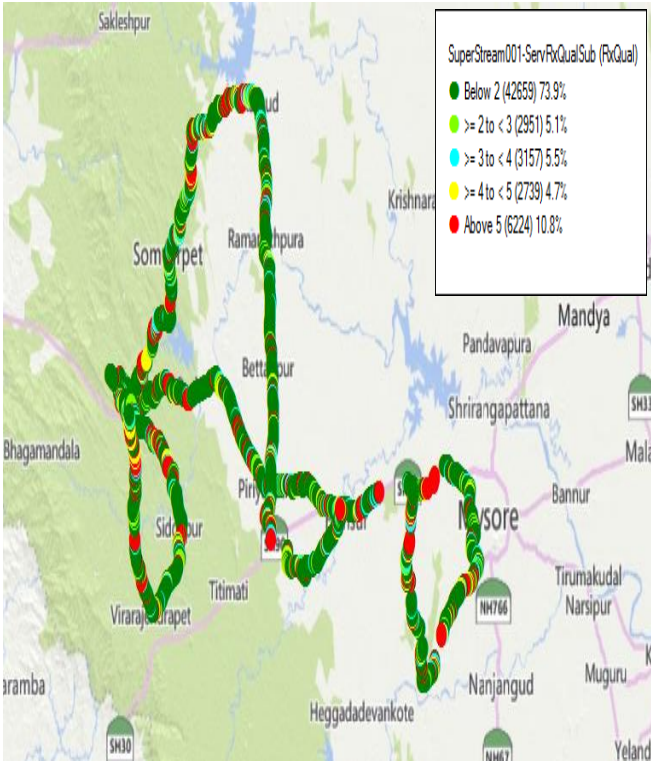
Overall Rx Quality	# Samples	% PDF
(Min, <=2)	42659	73.9
(2, <=3)	2951	5.1
(3 , <=4)	3157	5.5
(4 , <=5)	2739	4.7
(5 , <=Max)	6224	10.8
Total	**57730**	**100**
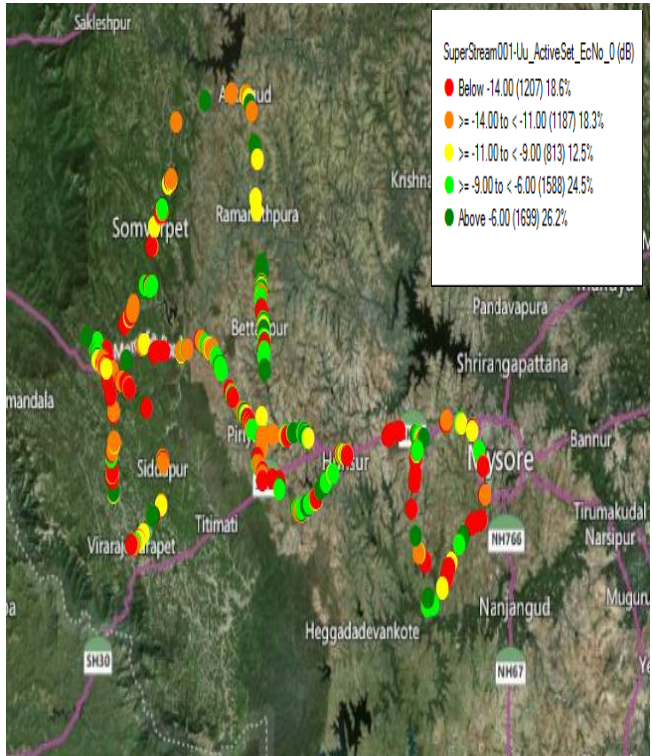
Overall EcNo	# Samples	% PDF
(Max, <=-6)	1699	26.2
(-6, <=-9)	1588	24.5
(-9, <=-11)	813	12.5
(-11, <=-14)	1187	18.3
(-14, <= Min)	1207	18.6
Total	**6494**	**100**

JIO

Technology	Rx Quality (%)
4G/4G	88.18
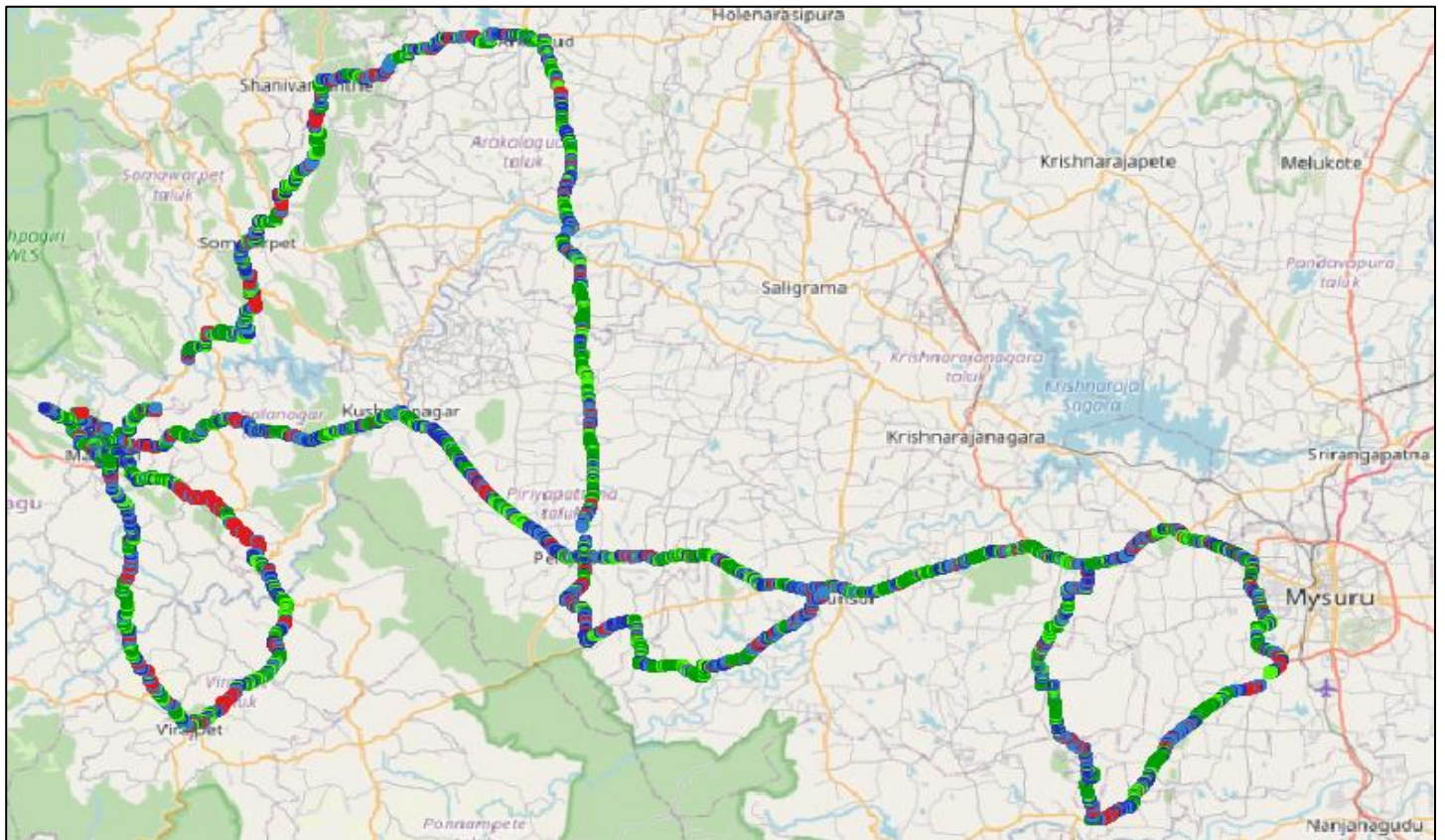
Overall SINR	# Samples	% PDF
(Min, <=0)	7534	11.82
(0, <=5)	13374	20.98
(5, <=10)	15709	24.64
(10, <=15)	12008	18.84
(15, <=Max)	15127	23.73
Total	**63752**	**100**

VIL

Technology	Rx Quality %
2G	**95.16**
4G	**96.01**

2G

4G
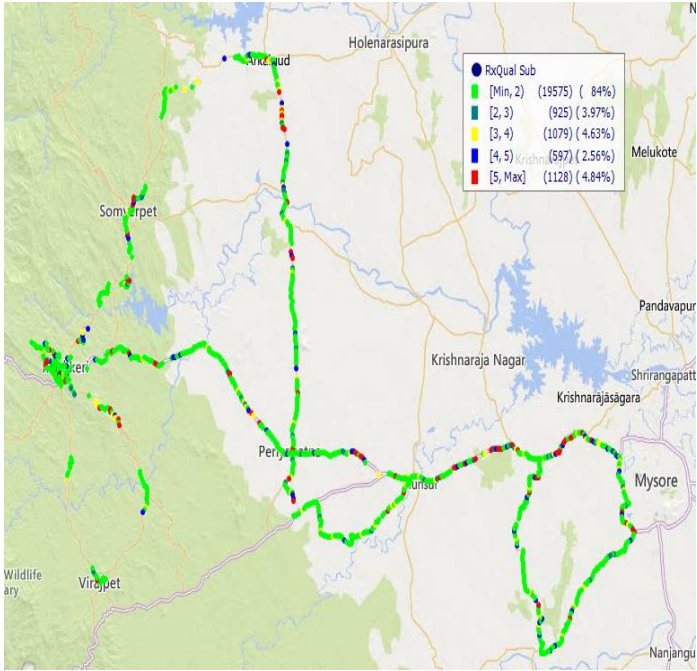
Overall Rx Quality	# Samples	% PDF
(Min, <=2)	19575	84
(2, <=3)	925	3.97
(3 , <=4)	1079	4.63
(4 , <=5)	597	2.56
(5 , <=Max)	1128	4.84
Total	**23304**	**100.00**
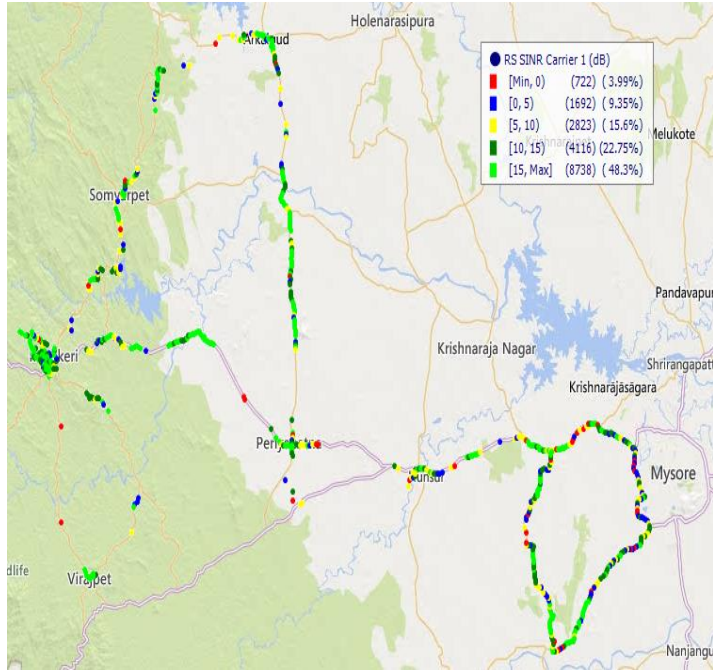
Overall SINR	# Samples	% PDF
(Min, <=0)	722	3.99
(0, <=5)	1692	9.35
(5, <=10)	2823	15.60
(10, <=15)	4116	22.75
(15, <=Max)	8738	48.30
Total	**18091**	**100.00**

TSP	Time Spent on 3G/4G %
BSNL 3G	9.7
Airtel VoLTE	100
Jio VoLTE	100
VIL VoLTE	91.29

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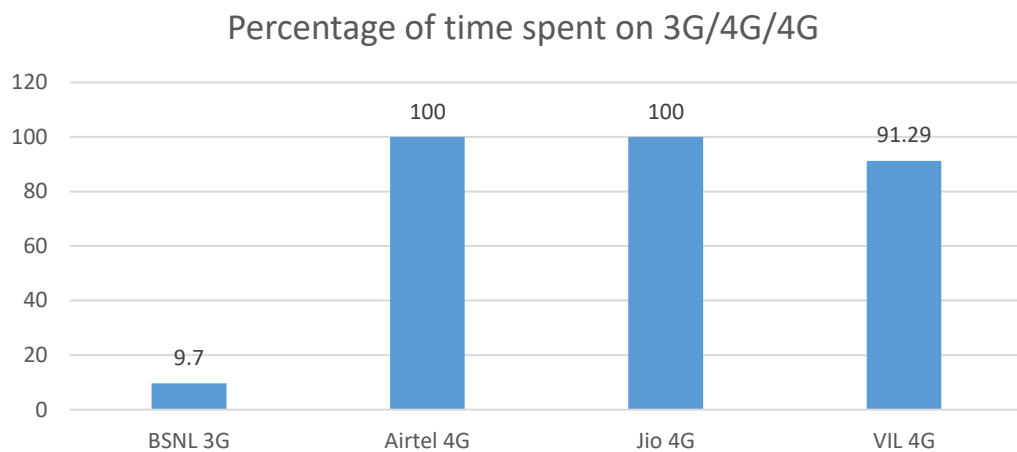
Airtel

Technology	Time Spent %
4G	100
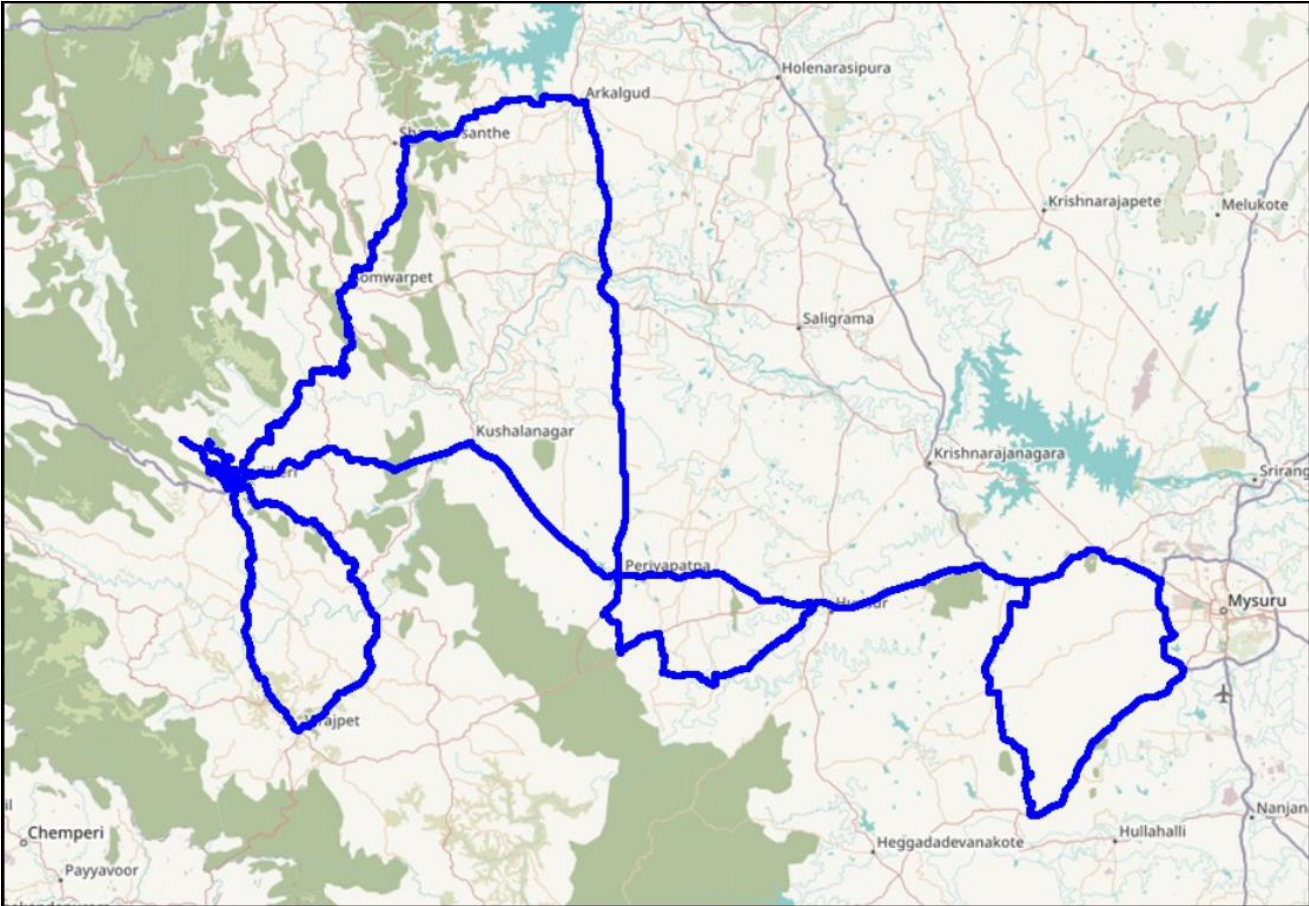
BSNL

Technology	Time Spent %
3G	9.7
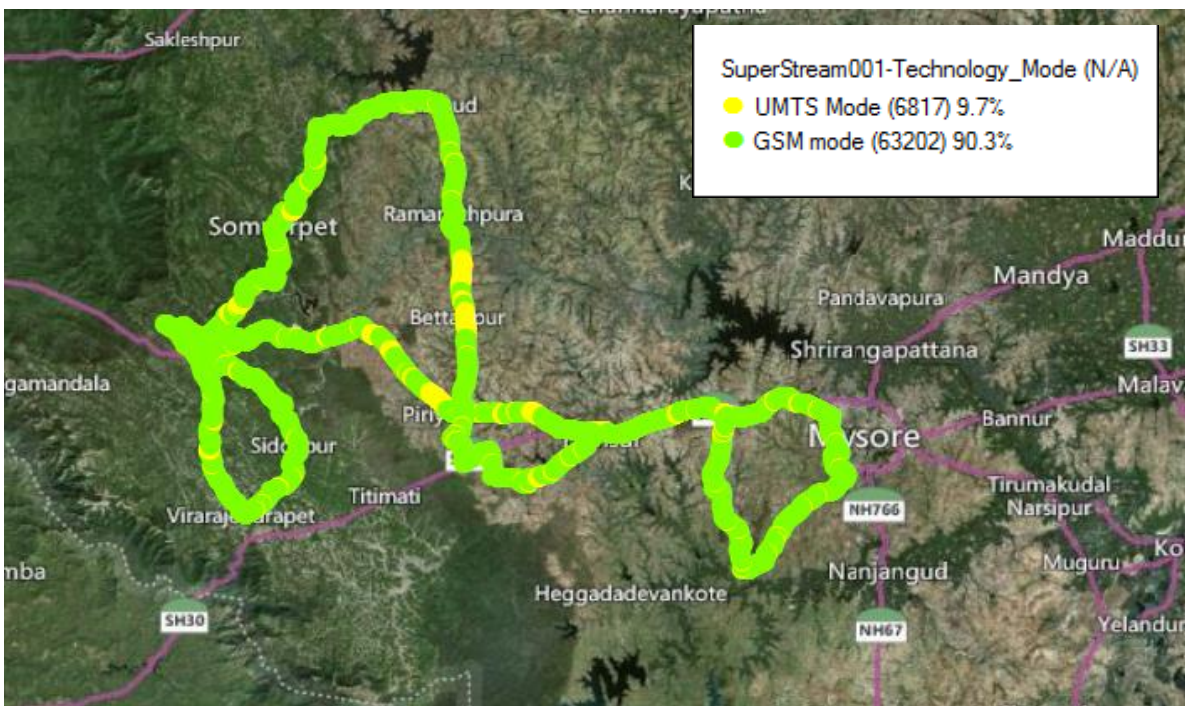
JIO

Technology	Time Spent %
4G	100
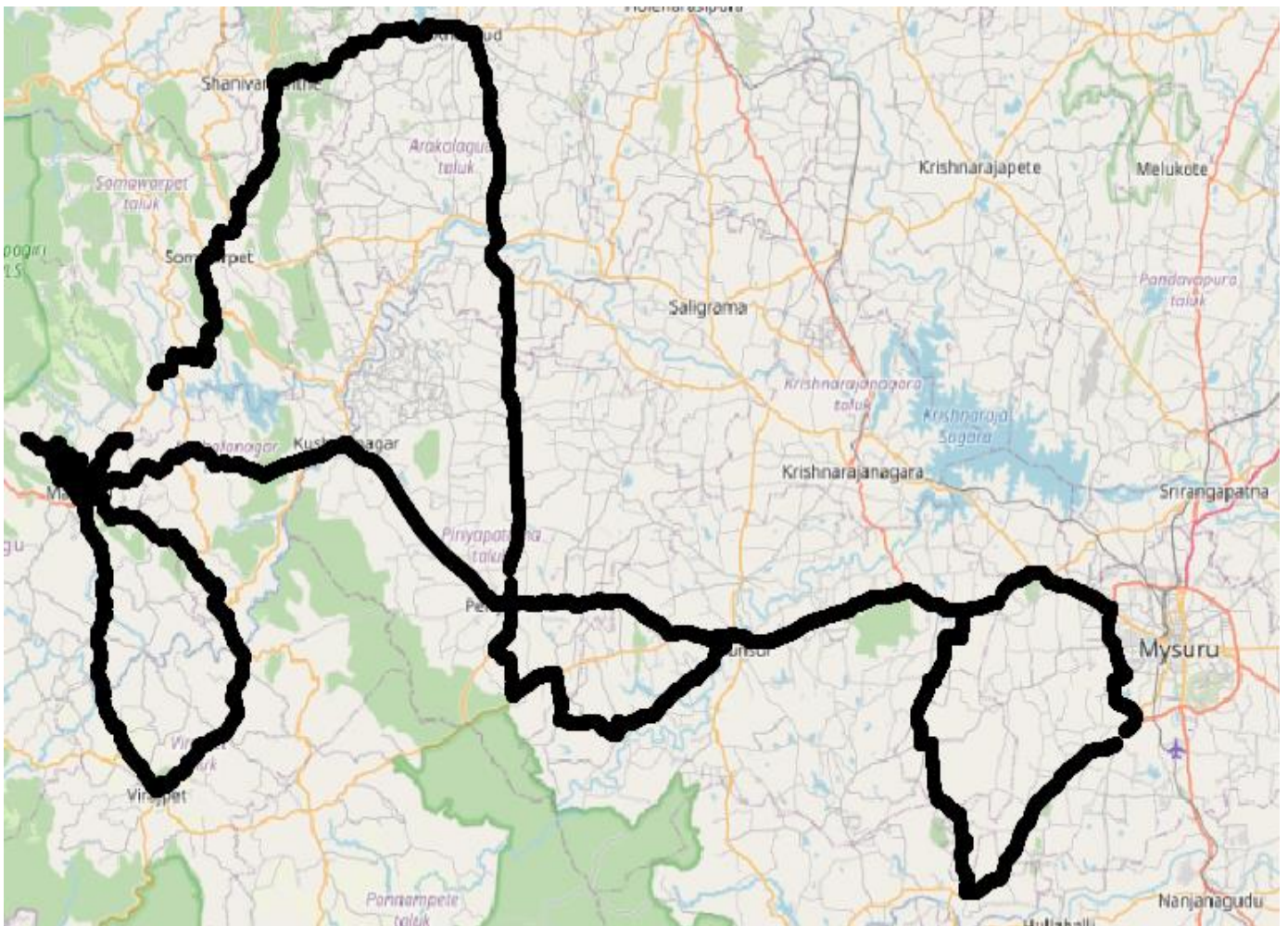
VIL

Technology	Time Spent
4G	91.29
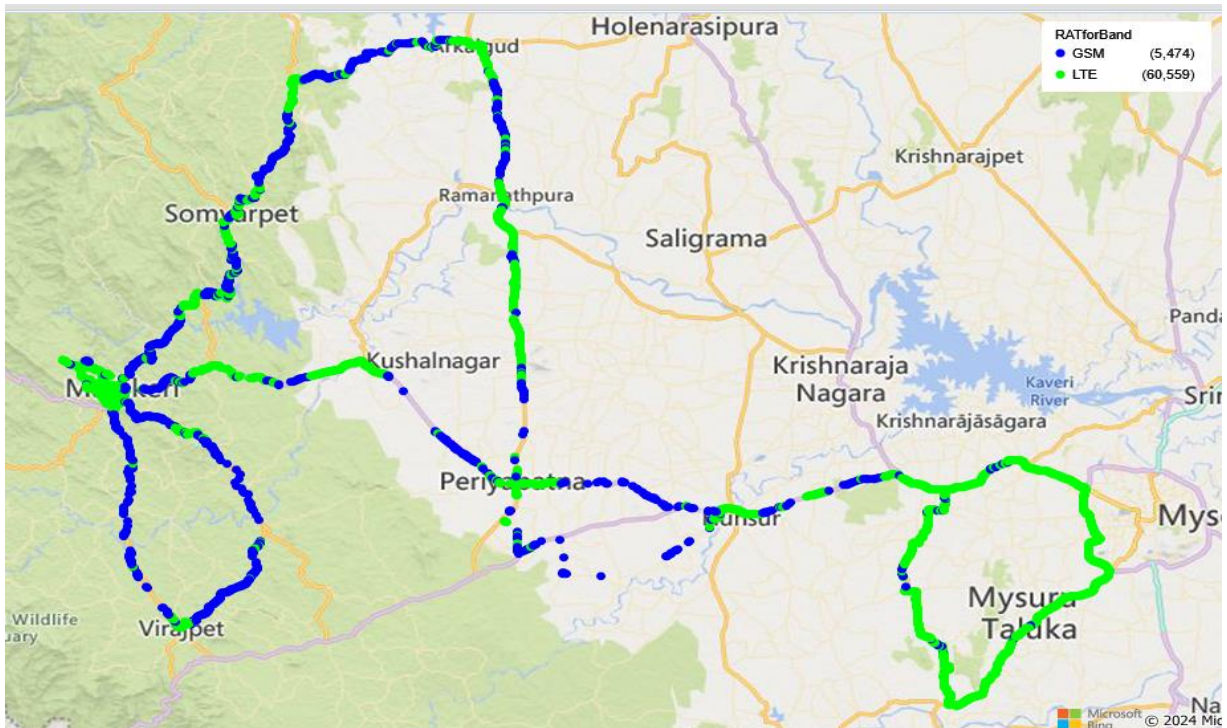
Airtel
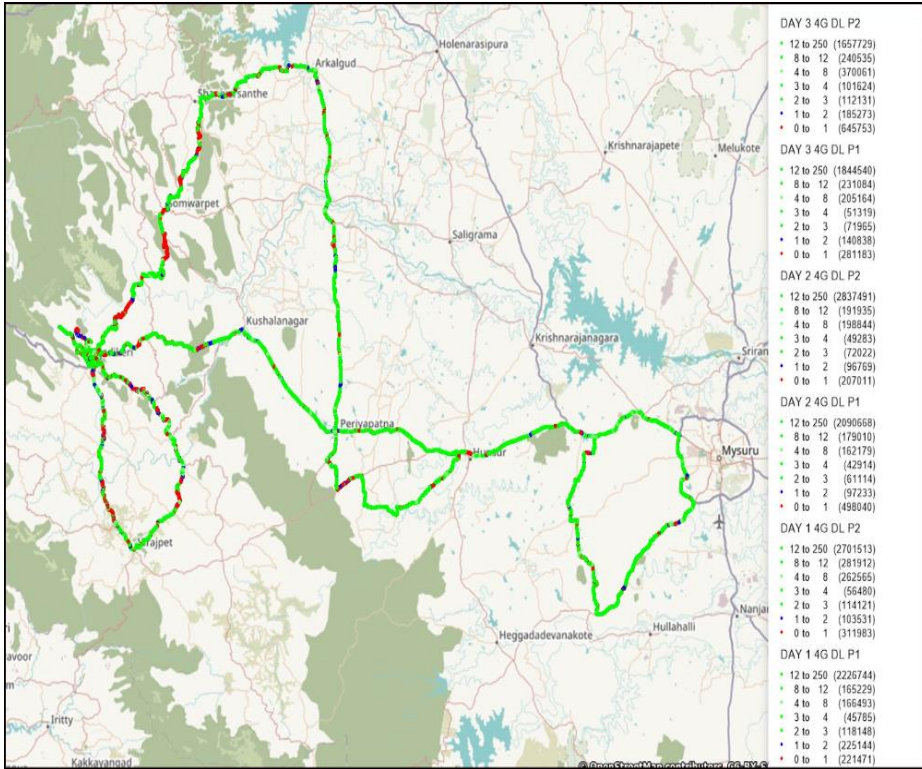
DL throughput	No. of Samples	%
0 to 1 Mbps	2165441	10.87
1 to 2 Mbps	848788	4.26
2 to 3 Mbps	549501	2.76
3 to 4 Mbps	347405	1.74
4 to 8 Mbps	1365306	6.85
8 to 12 Mbps	1289705	6.47
>12 Mbps	13358685	67.05
Total	**19924831**	**100**
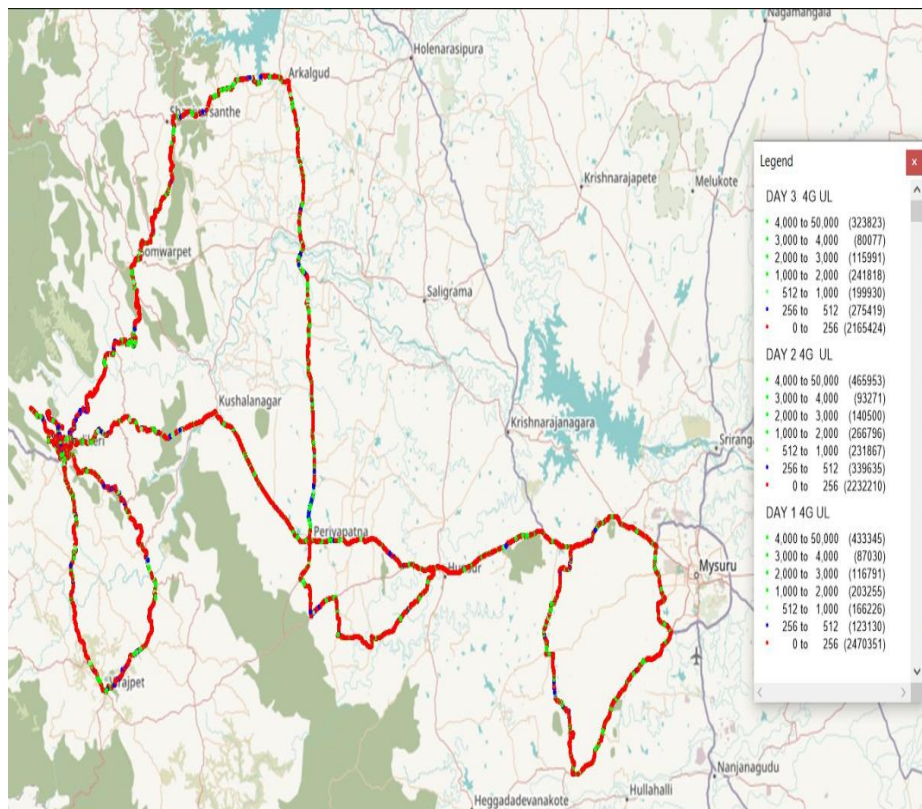
UL throughput	No. of samples	%
0 to 256 Kbps	6867985	66.15
250 to 512 Kbps	738184	7.11
512 Kbps to 1 Mbps	598023	5.76
1 to 2 Mbps	711869	6.86
2 to 3 Mbps	373282	3.60
3 to 4 Mbps	260378	2.51
>4 Mbps	**833121**	**8.02**
Total	**10382842**	100.00

BSNL

SuperStream001-Physical_Throughput_DL (kbps)
- Below 1024.00 (21778) 85.9%
- >= 1024.00 to < 2048.00 (1223) 4.8%
- >= 2048.00 to < 3072.00 (735) 2.9%
- >= 3072.00 to < 4096.00 (522) 2.1%
- >= 4096.00 to < 8192.00 (997) 3.9%
- >= 8192.00 to < 12288.00 (94) 0.4%
- Above 12288.00 (0) 0.0%
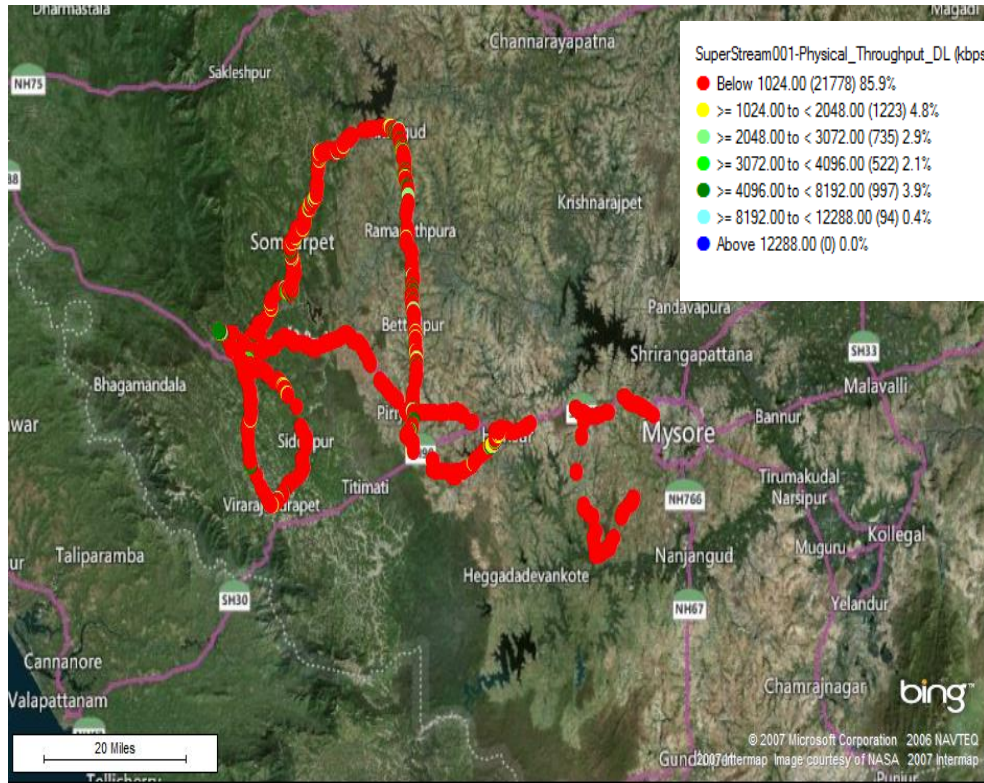
DL throughput	No. of Samples	%
0 to 1 Mbps	21778	85.9
1 to 2 Mbps	1223	4.8
2 to 3 Mbps	735	2.9
3 to 4 Mbps	522	2.1
4 to 8 Mbps	997	3.9
8 to 12 Mbps	94	0.4
>12 Mbps	0	0.0
Total	25349	100

SuperStream001-Physical_Throughput_UL (kbps)
- Below 256.00 (24809) 60.6%
- >= 256.00 to < 512.00 (2901) 7.1%
- >= 512.00 to < 1024.00 (2707) 6.6%
- >= 1024.00 to < 2048.00 (10083) 24.6%
- >= 2048.00 to < 3072.00 (284) 0.7%
- >= 3072.00 to < 4096.00 (75) 0.2%
- Above 4096.00 (56) 0.1%
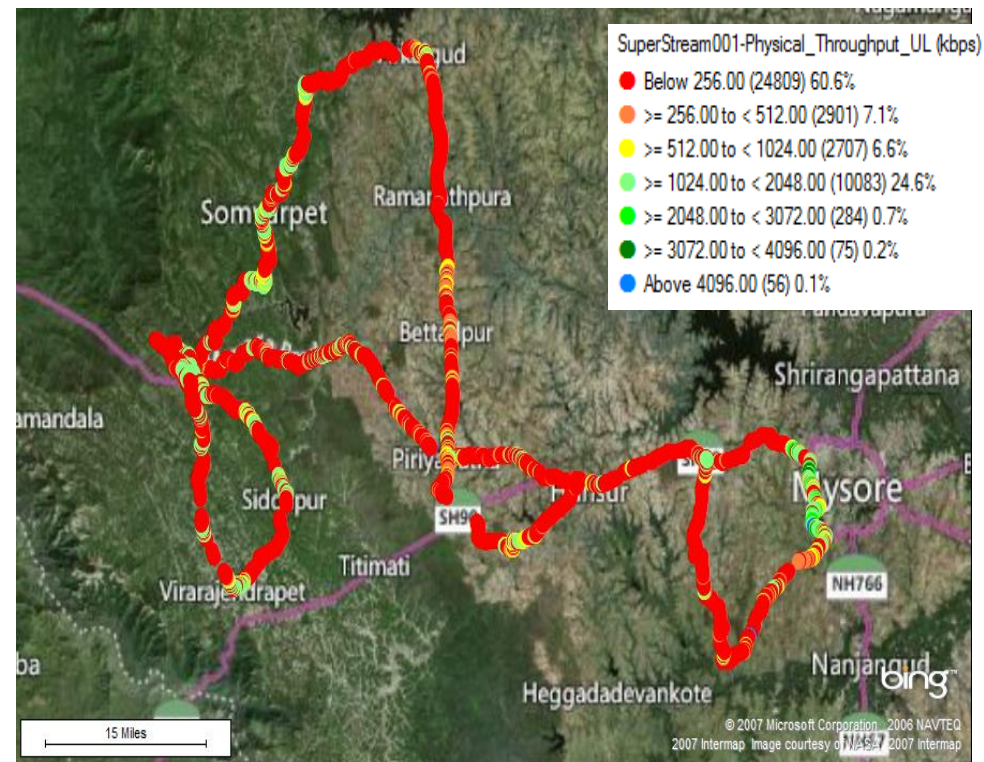
UL throughput	No. of samples	%
0 to 256 kbps Mbps	24809	60.6
256 to 512 kbps	2901	7.1
512 Kbps to 1 Mbps	2707	6.6
1 to 2 Mbps	10083	24.6
2 to 3 Mbps	284	0.7
3 to 4 Mbps	75	0.2
>4Mbps	56	0.1
Total	40915	100

JIO
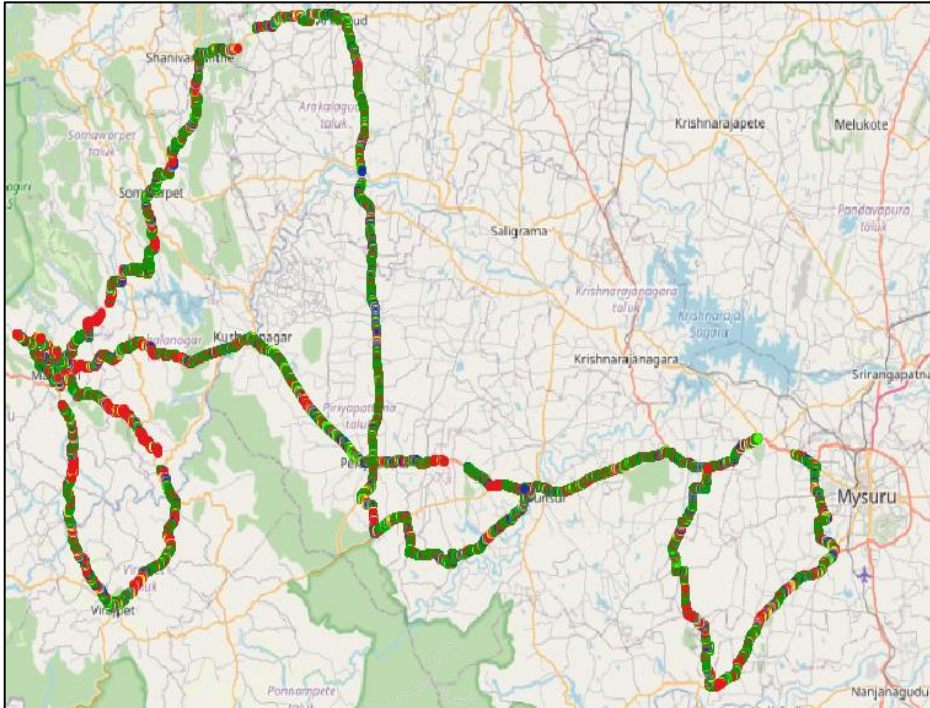
DL throughput	No. of Samples	%
0 to 1 Mbps	11831	25.96
1 to 2 Mbps	2252	4.94
2 to 3 Mbps	1814	3.98
3 to 4 Mbps	1615	3.54
4 to 8 Mbps	4612	10.12
8 to 12 Mbps	3526	7.74
>12 Mbps	19929	43.72
Total	45579	100
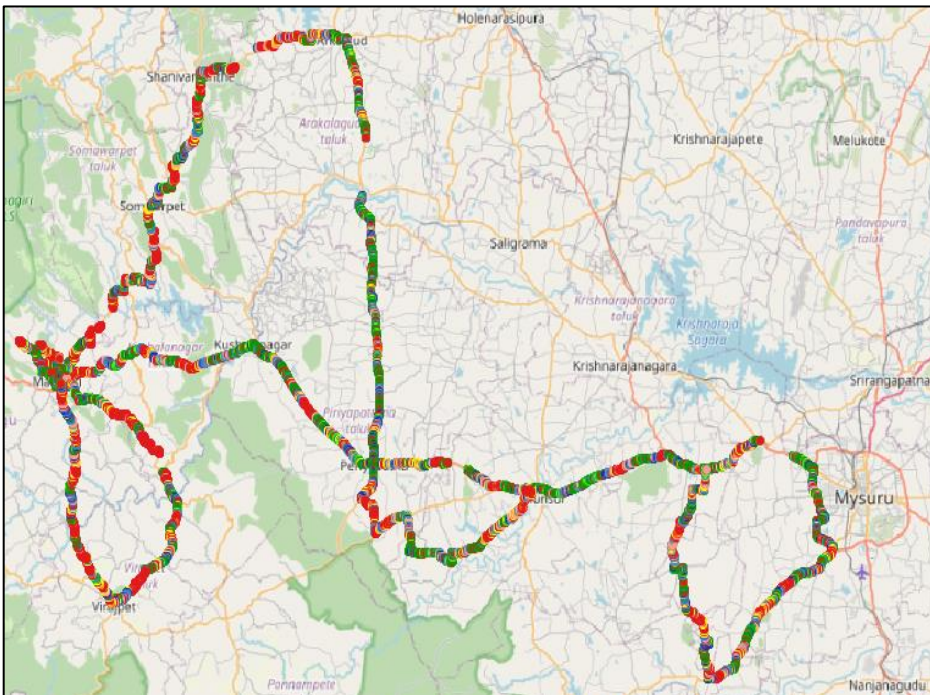
UL throughput	No. of samples	%
0 to 256 kbps Mbps	13329	29.39
256 to 512 kbps	4085	9.01
512 Kbps to 1 Mbps	4730	10.43
1 to 2 Mbps	6027	13.29
2 to 3 Mbps	3956	8.72
3 to 4 Mbps	2764	6.10
>4Mbps	10457	23.06
Total	45348	100

VIL
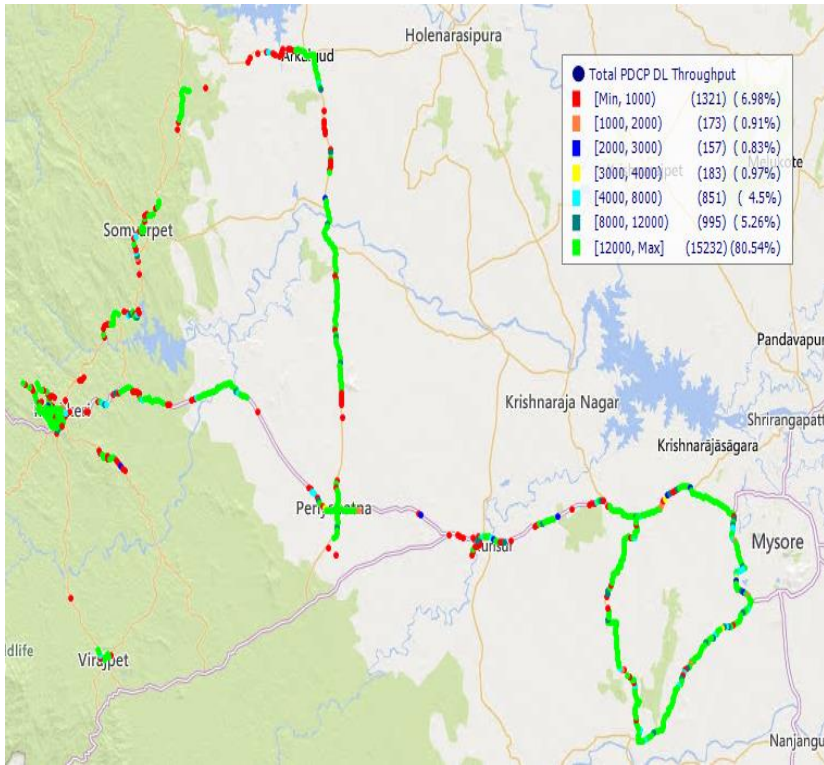
DL throughput	No. of Samples	%
0 to 1 Mbps	1321	6.98
1 to 2 Mbps	173	0.91
2 to 3 Mbps	157	0.83
3 to 4 Mbps	183	0.97
4 to 8 Mbps	851	4.50
8 to 12 Mbps	995	5.26
>12 Mbps	15232	80.54
Total	18912	100.00
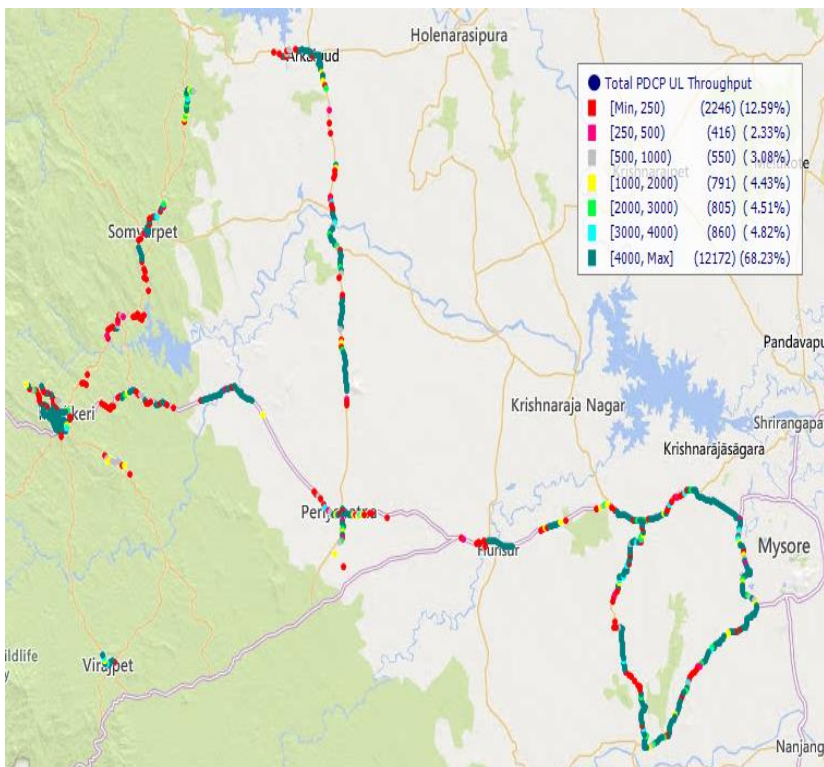
UL throughput	No. of samples	%
0 to 256 Kbps	2246	12.59
250 to 512 Kbps	416	2.33
512 Kbps to 1 Mbps	550	3.08
1 to 2 Mbps	791	4.43
2 to 3 Mbps	805	4.51
3 to 4 Mbps	860	4.82
>4Mbps	12172	68.23
Total	17840	100

V. TRAI My Speed App Test Details-2G

Techology-2G	RTO Office Kodagu	KIMS	Kodagu Bus Stand	District Court Madikeri	General Thimmaiah Memorial	Coorg Wildlife Society
Download Speed (kbps)	0.11	0.07	0.07	0.09	0.04	0.01
Upload Speed (kbps)	0.04	0.03	0.02	0.04	0.01	0.01
Latency	304	125	108	142	0	0

RTO Office Kodagu
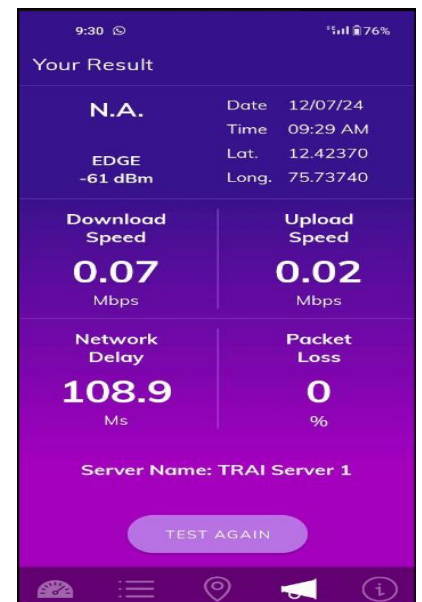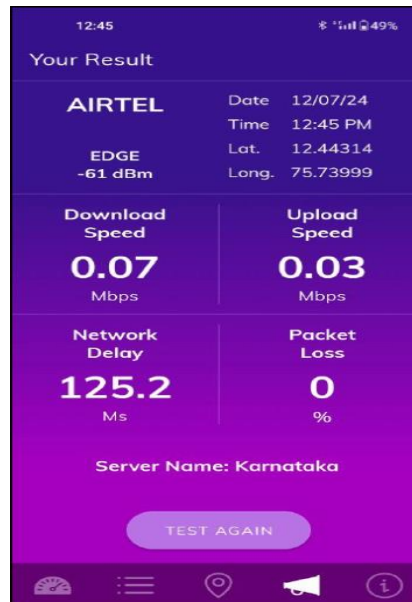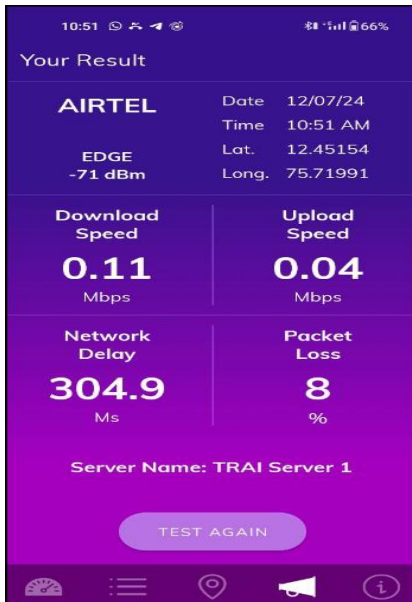
KIMS

Kodagu Bus Stand

District Court Madikeri

General Thimmaiah Memorial

Coorg Wildlife Society
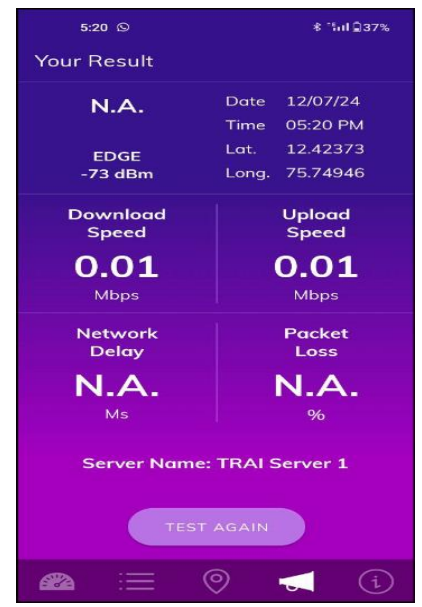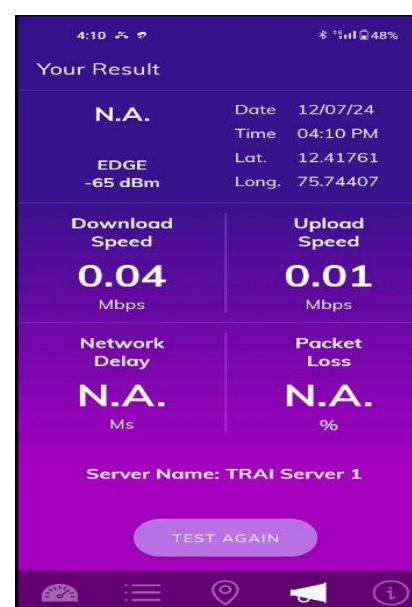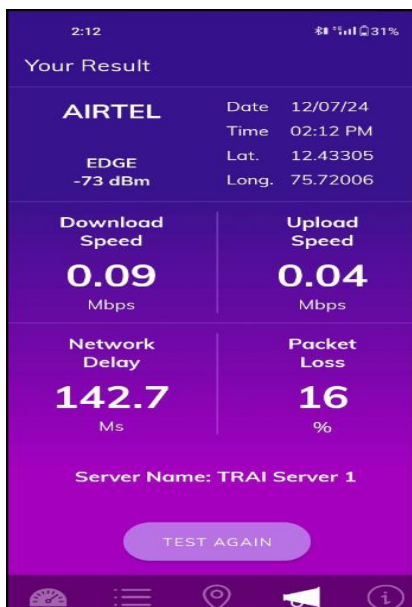
Techology-4G/VoLTE	RTO Office Kodagu	KIMS	Kodagu Bus Stand	District Court Madikeri	General Thimmaiah Memorial	Coorg Wildlife Society
Download Speed (Mbps)	35.14	50.79	19.70	23.60	23.22	15.99
Upload Speed (Mbps)	8.24	17.25	6.24	18.17	25.98	9.41
Latency (ms)	32	26.7	30.5	34.9	32.6	32.6

RTO Office Kodagu

11:00	64%
Your Result	
N.A.	Date 12/07/24
	Time 11:00 AM
LTE_CA	Lat. 12.45162
-104 dBm	Long. 75.72014
Download Speed	Upload Speed
35.14 Mbps	8.24 Mbps
Network Delay	Packet Loss
32.2 Ms	0 %
Server Name: TRAI Server 2	
TEST AGAIN	

KIMS

12:41	50%
Your Result	
AIRTEL	Date 12/07/24
	Time 12:41 PM
LTE	Lat. 12.44362
-89 dBm	Long. 75.73697
Download Speed	Upload Speed
50.79 Mbps	17.25 Mbps
Network Delay	Packet Loss
26.7 Ms	0 %
Server Name: TRAI Server 1	
TEST AGAIN	

Kodagu Bus Stand

9:27	77%
Your Result	
AIRTEL	Date 12/07/24
	Time 09:27 AM
LTE_CA	Lat. 12.42361
-73 dBm	Long. 75.73762
Download Speed	Upload Speed
19.70 Mbps	6.24 Mbps
Network Delay	Packet Loss
30.5 Ms	0 %
Server Name: New Server	
TEST AGAIN	

District Court Madikeri

2:11	31%
Your Result	
AIRTEL	Date 12/07/24
	Time 02:11 PM
LTE_CA	Lat. 12.43306
-86 dBm	Long. 75.72009
Download Speed	Upload Speed
23.60 Mbps	18.17 Mbps
Network Delay	Packet Loss
34.9 Ms	0 %
Server Name: New Server	
TEST AGAIN	

General Thimmaiah Memorial

4:04	50%
Your Result	
AIRTEL	Date 12/07/24
	Time 04:04 PM
LTE_CA	Lat. 12.41770
-85 dBm	Long. 75.74418
Download Speed	Upload Speed
23.22 Mbps	25.98 Mbps
Network Delay	Packet Loss
32.6 Ms	0 %
Server Name: Karnataka	
TEST AGAIN	

Coorg Wildlife Society

|	
5:18	38%
Your Result	
AIRTEL	Date 12/07/24
	Time 05:18 PM
LTE_CA	Lat. 12.42375
-105 dBm	Long. 75.74947
Download Speed	Upload Speed
15.99 Mbps	9.41 Mbps
Network Delay	Packet Loss
32.6 Ms	0 %
Server Name: Karnataka	
TEST AGAIN	

V. TRAI MySpeed App Test Details-3G/4G
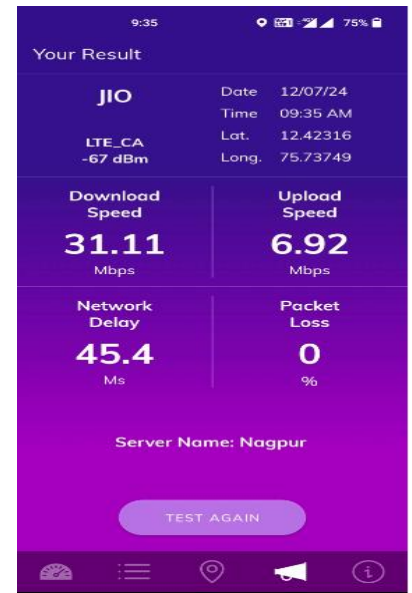
Techology-4G	RTO Office Kodagu	KIMS	Kodagu Bus Stand	District Court Madikeri	General Thimmaiah Memorial	Coorg Wildlife Society
Download Speed (Mbps)	2.98	1.39	2.56	1.16	1.59	2.26
Upload Speed (Mbps)	1.79	1.77	1.71	1.74	1.85	1.75
Latency	77.7	76.4	80.7	81.1	82.4	69.4

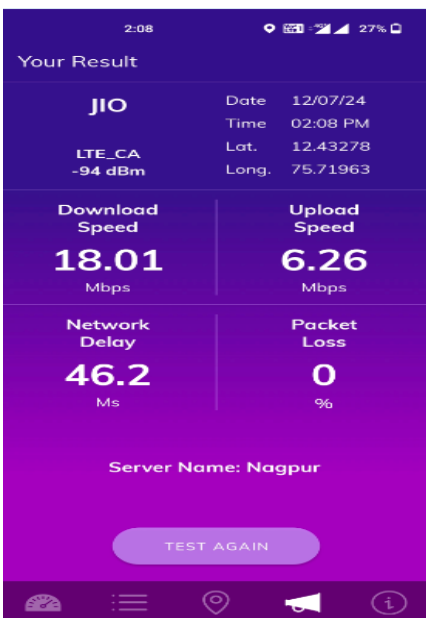### RTO Office Kodagu

KIMS

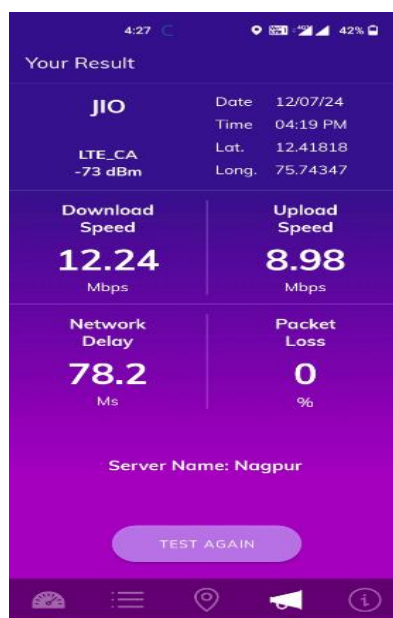### Kodagu Bus Stand

District Court Madikeri
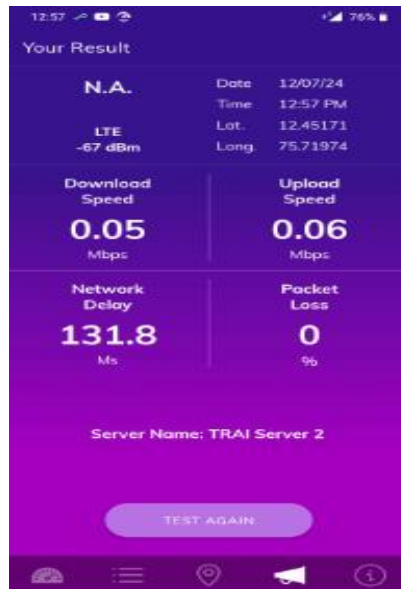

General Thimmaiah Memorial

Coorg Wildlife Society

Techology-4G	RTO Office Kodagu	KIMS	Kodagu Bus Stand	District Court Madikeri	General Thimmaiah Memorial	Coorg Wildlife Society
Download Speed (Mbps)	25.47	21.84	31.11	18.01	12.24	14.23
Upload Speed (Mbps)	2.09	4.20	6.92	6.26	8.98	11.68
Latency	34.4	50.9	45.4	46.2	78.2	84.0

RTO Office Kodagu
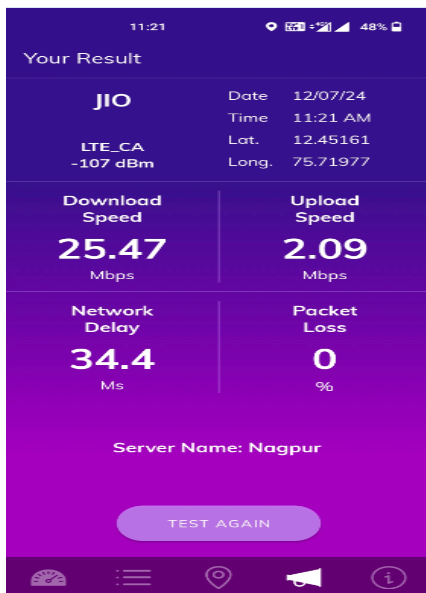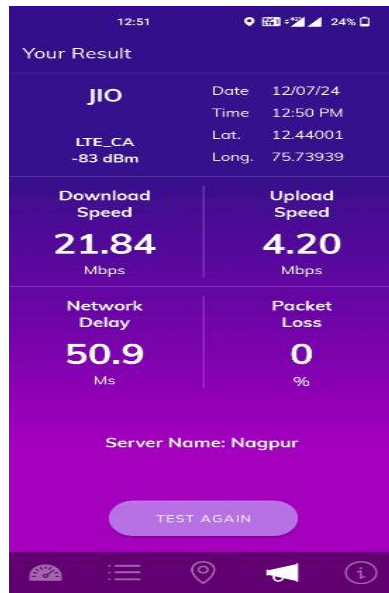
KIMS

Kodagu Bus Stand

District Court Madikeri

General Thimmaiah Memorial

Coorg Wildlife Society

V. TRAI MySpeed App Test Details-2G

Techology-2G	RTO Office Kodagu	KIMS	Kodagu Bus Stand	District Court Madikeri	General Thimmaiah Memorial	Coorg Wildlife Society
Download Speed (Kbps)	0.01	0.05	0.11	0.08	0.13	0.12
Upload Speed (Kbps)	0.02	0.06	0.09	0.11	0.09	0.12
Latency(ms)	156.2	131.8	98.5	109.7	130	110.3

RTO Office Kodagu

KIMS
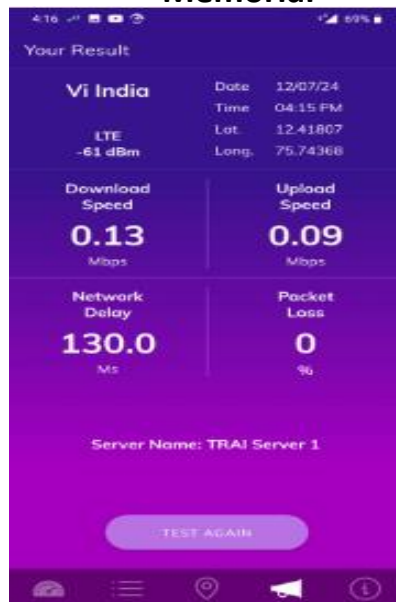

Kodagu Bus Stand

District Court Madikeri

General Thimmaiah Memorial
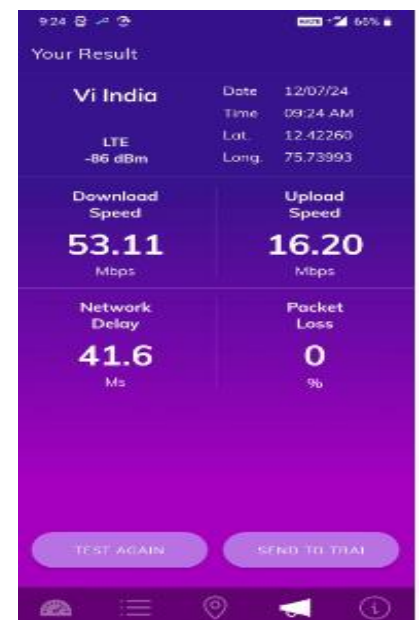

Coorg Wildlife Society
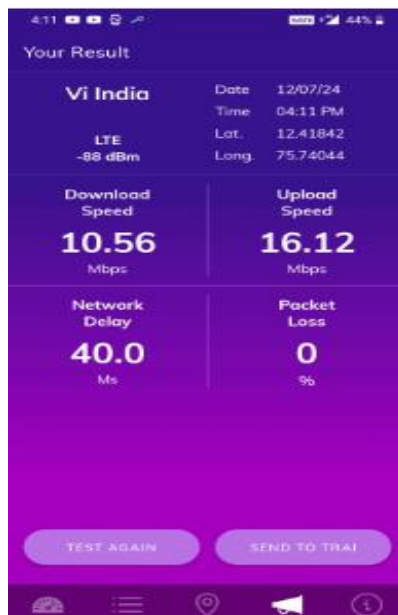
Techology-4G	RTO Office Kodagu	KIMS	Kodagu Bus Stand	District Court Madikeri	General Thimmaiah Memorial	Coorg Wildlife Society
Download Speed (Mbps)	20.45	36.07	53.11	55.16	10.56	18.56
Upload Speed (Mbps)	1.15	16.2	16.2	16.46	16.12	14.07
Latency	39.9	38.8	41.6	37.8	40.0	39.2

RTO Office Kodagu

KIMS

Kodagu Bus Stand

District Court Madikeri

General Thimmaiah Memorial

Coorg Wildlife Society