

Operator Assisted Drive Test Report

ERODE SSA FEBRUARY 2023

(RO, HYDERABAD)

Key Performance Indicators: All TSPs have met the Drop Call Rate (DCR) benchmark of 2%. All TSPs have met the Call Setup Success Rate (CSSR) of 95%.

The Operator Assisted Drive Test has been carried out by Regional Office, Hyderabad with the help of Service Providers in Erode City and surrounding areas Kangayam, Vellakoil, Perundurai, Bhavani including important National Highway and State Highways from 9:00 AM to 8:00 PM during 28th February to 3rd March 2023. The drive test covered drive route of 400 KMs & 6 hotspots over a period of 4 days. Approximately 505+ calls were made for each of the 8 networks: three 2G networks, two 3G networks and Three LTE network covering four TSPs.

Overview

Voice
Summary

Data
Summary

Overview

Regional Office, TRAI conducted Operator Assisted Drive Test from 28th Feb to 03rd Mar. 2023 covering various locations in Erode City & surrounding regions Kangeyam , Vellakovil Perunthurai and Bhavani. The performance of Airtel, BSNL, Vodafone Idea and Jio were monitored across various technologies (2G, 3G and 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, Handover 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 wait time of 10 sec between calls in all technologies. The drive test covered a drive route of approximately 394 KMs over a period of 3 days from 28th Feb to 03rd Mar. 2023. Approximately 530 calls were made for 2G (Lock Mode) 3G (Free Mode) and Volte(Free Mode) network.

Data Tests:

1. Dynamic data test was conducted for 394 kms over a period of 3 days for download throughput for 4G technologies.

2. Data Tests were performed at 6 static locations for 2G ,3G & 4G technologies.

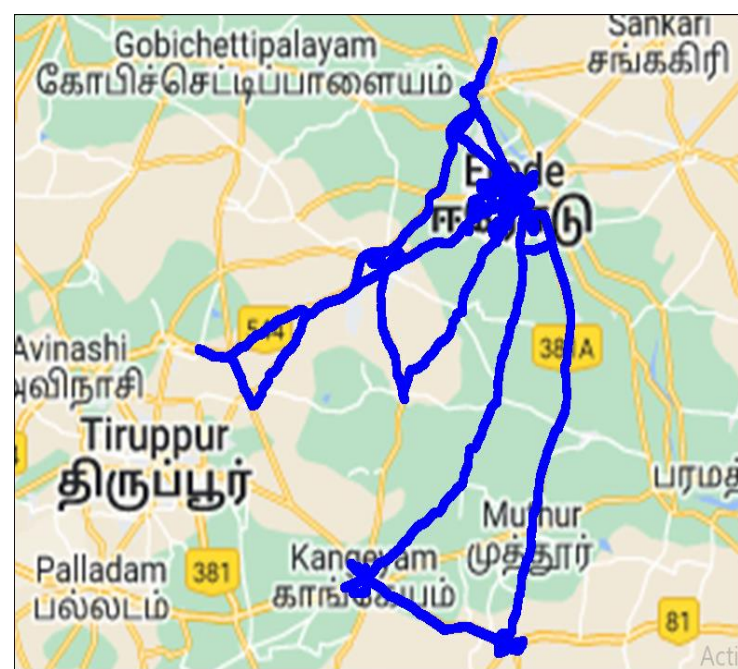
* For Voice and Data KPI's, 2G measurement is done with UE locked mode ,3G Done With 3G preferred Mode and 4G measurement is done with UE in Free Mode.

* 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(Locked) 20MB ,4G (Free) - 40 MB
Upload	2G (Locked) - 100KB, 3G(Locked) 5Mb ,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

Overview

Voice & Dynamic Data Test Drive Route



Areas Covered- Erode Town (Day 1)

Town hall	Surampatti
Karungalpalayam	Muthampalayam
Agraharam	Rangamapalayam
Lakshimi Nagar	Senathipathipalayam
Chithode	Nadarmedu
Veerapanchathiram	Kasipalayam
Govt Hospital	Kumaran Nagar
Villarasampatti	Solar pirivu
Thindal	Railway station

Areas Covered- Erode Outer (Day 2)

Solar Pirivu	Kangeyam Town
Nanjai Uthukuzli	Nattar Palayam
Modakunruchi	Nathakadaiur
Elumathur	Vadapalani
Vilakkethi	Arachalur
Muthur	Avalpoonthurai
Ayyampalayam	Kaspapettai
Vellakovil Town	Mullamparappu

Areas Covered- Erode Outer (Day 3)

Erode Arts College	Uthukuzli RS
Kavundachipalayam	Nanjai Uthukuzli
Vellode	Nasiyanur
Chennimalai Town	Chithode Outer Bye Pass
Perundurair Town	Bhavani Town
Thindal Ring Road	Karundevanpalayam
Sipcot	Mettur Road
Vijayamangalam	Lakshimi Nagar Town
Chengapalli	Kalingarayanpalayam

Static Locations

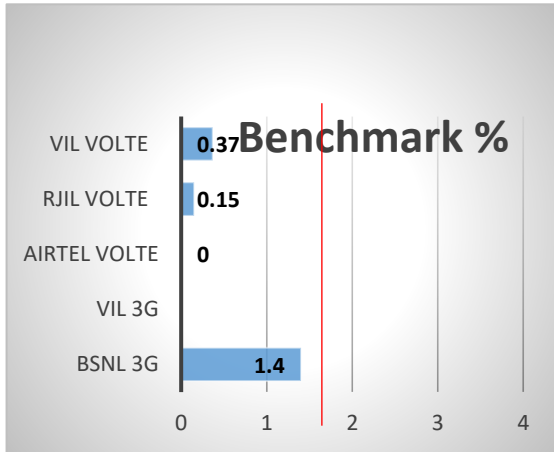
Texvalley Mall- Erode
Medical College- Perundurair
Railway Junction- Erode
Central Bus Stand- Erode
VOC Park- Erode
MG Market- Erode

Voice Calls

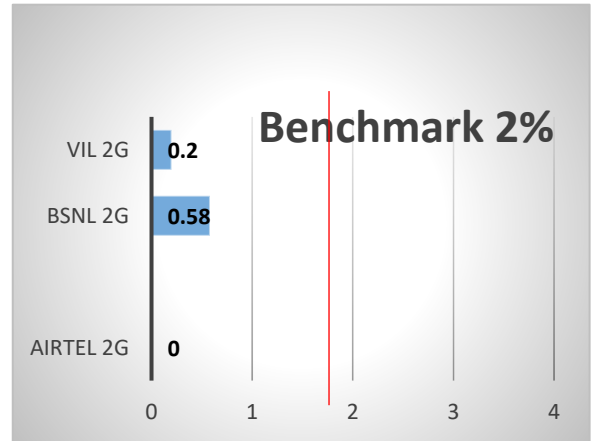
Key Observations

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

Drop Call Rate (%)

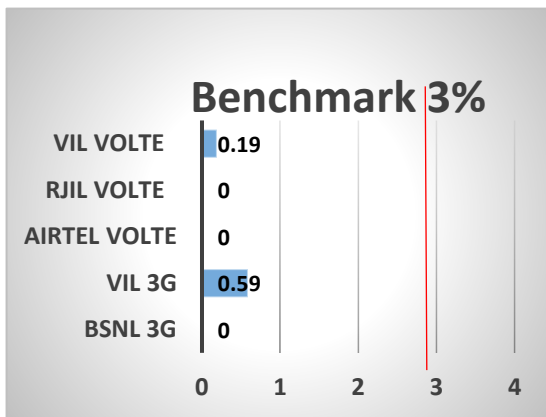


3G/VoLTE Network

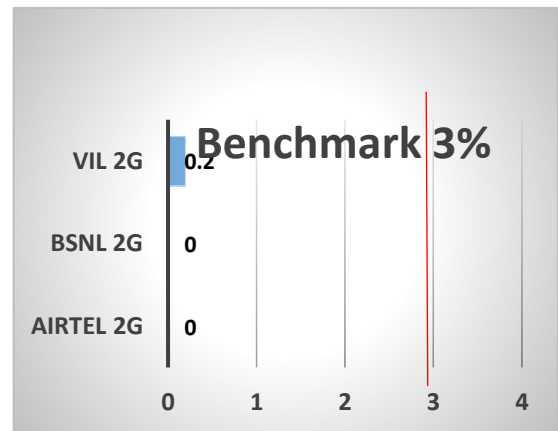


2G Network

Block Call Rate (%)



3G / VoLTE Network



2G Network

KPIs	2G			3G/4G	3G	VoLTE		
	Airtel	BSNL	VIL	BSNL	VI	Airtel	RJIL	VIL
Drop Call Rate %	0	0.58	0.20	0	0.20	0	0	0.19
Block Call Rate %	0	0	0.20	0	0.59	0	0	0.19

- a) All TSPs have met the 2% QOS benchmark of Drop Call Rate (DCR%).
- b) Call Block Rate (CBR%) benchmark of 3% was achieved by all TSP's.

Voice Calls

Key Observations

Coverage

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

TSPS	2G		
	Airtel	BSNL	VIL
Coverage %	93.00	89.65	92.11

b) Percentage of coverage samples for 3G \geq -90 dBm & LTE \geq -110 dBm

TSPs	3G		VoLTE		
	BSNL	VIL	Airtel	JIO	VIL
Coverage %	94.85	95.49	99.96	100	98.60

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

TSPs	3G		VoLTE		
	BSNL	VIL	Airtel	JIO	VIL
Time Spent on 3G/4G %	100	97	100	100	98.3

Data Services Static

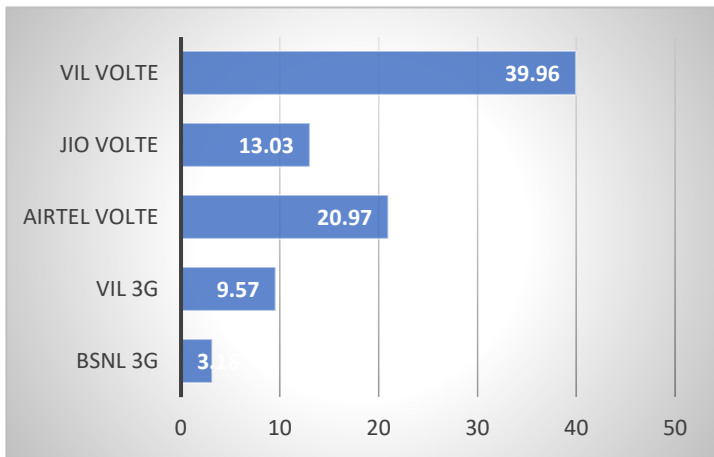
**Key Observations
(Average of 6
Hotspots)**

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

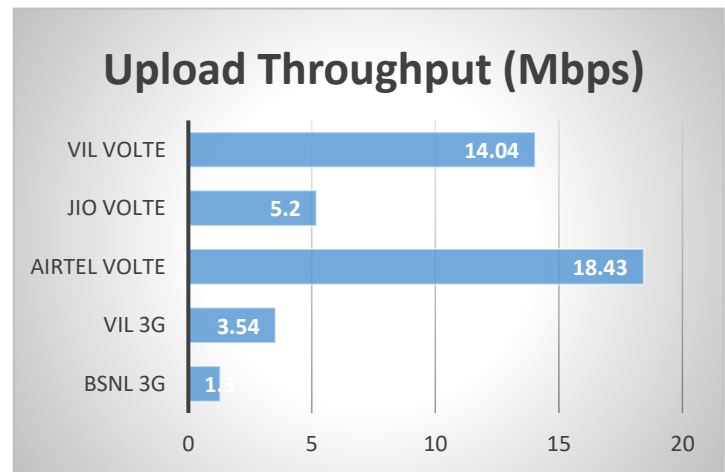
Data Download and Upload Performance (Mbps)

3G/4G/ Network:

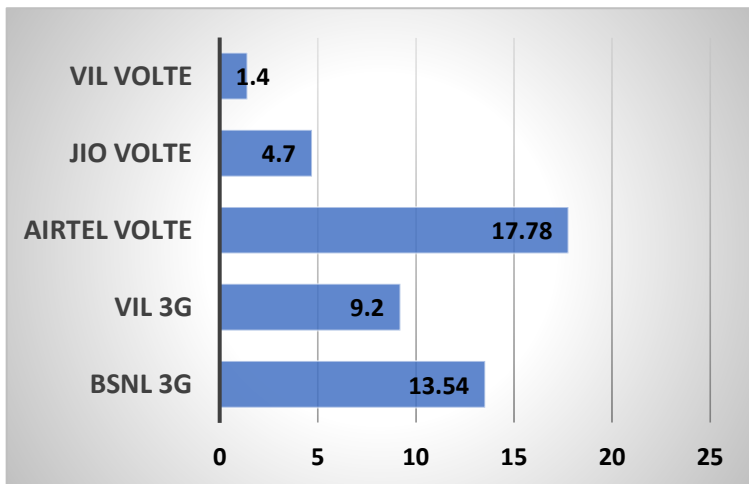
Download Throughput (Mbps)



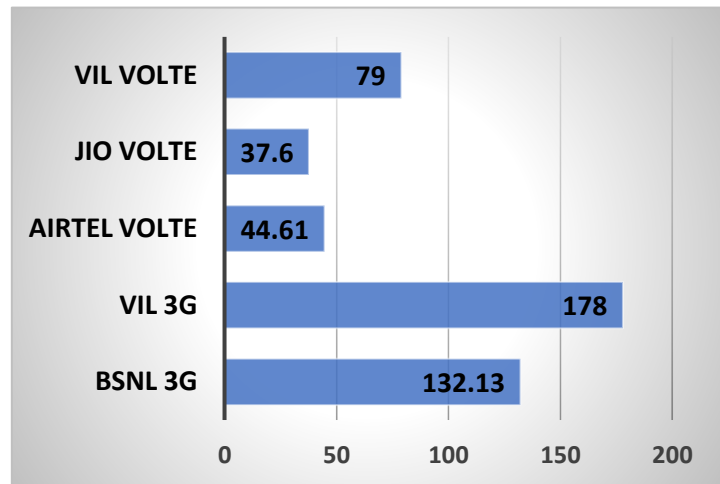
Upload Throughput (Mbps)



Web Browsing delay (Sec)



Latency (ms)



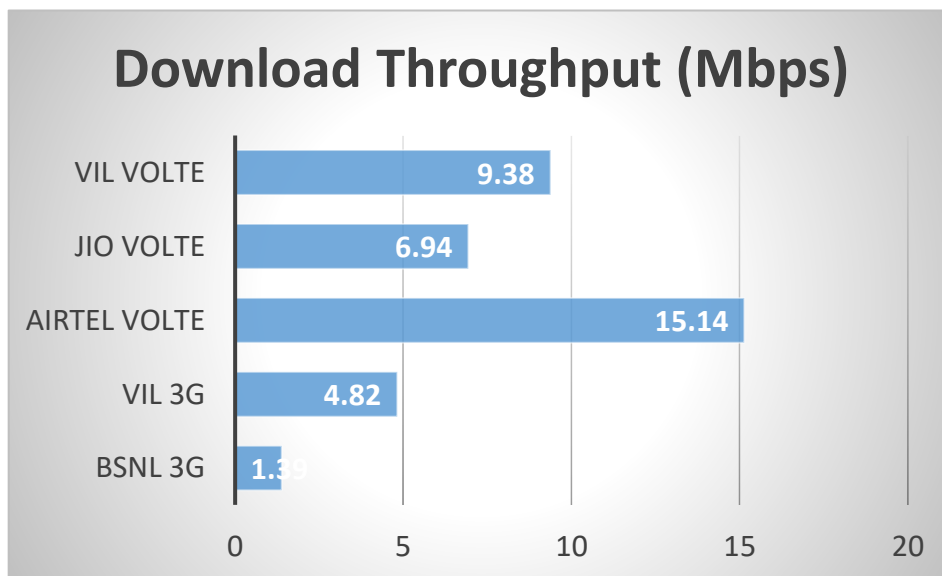
Data Services Dynamic

Key Observations

Dynamic Data was tested for 398 Kms. Download Throughput was tested.

Data Download Performance (kbps) - Dynamic

3G/4G/ Network:



Data Services Static Dynamic	3G/VoLTE				
	BSNL 3G	VIL 3G	Airtel VoLTE	JIO VoLTE	VIL VoLTE
Download Throughput (Mbps)	1.39	4.82	15.14	6.94	9.38

Summary

SSA Level Summary-Voice

Voice Call	2G		
	Airtel	BSNL	VIL
Call Attempt	513	508	507
Blocked Call Rate (%)	0.00	0	0.20
CSSR% (Accessibility)	100	100	99.80
Drop Call Rate (%)	0.00	0.58	0.20
Mobility HOSR (%)	98.50	98.85	98.5
Rx Quality (%)	96.80	98.82	99.4

Voice Call	3G/VoLTE				
	BSNL 3G	VIL 3G	Airtel VoLTE	JIO VoLTE	VIL VoLTE
Call Attempt	488	505	532	505	528
Blocked Call Rate (%)	0	0.59	0.00	0.00	0.19
CSSR% (Accessibility)	100	99.40	100	100	99.81
Drop Call Rate (%)	0	0.20	0.00	0.00	0.19
Mobility HOSR (%)	94.56	96.3	99.70	98.81	99.6
Rx Quality (%)	94.85	97.5	84.00	92.87	95.84

Summary

SSA Level Summary- (Average of 6 hotspots)- Data Services

Data Services Static	2G		
	Airtel	BSNL	VIL
Download Throughput (kbps)	169.67	143.82	191.00
Upload Throughput (kbps)	84.50	75.57	94.00
Web Browsing Delay (sec)	18.30	113.30	37.00
Latency (msec)	360.30	444.70	438.00

Data Services Static	3G/VoLTE				
	BSNL 3G	VIL 3G	Airtel VoLTE	JIO VoLTE	VIL VoLTE
Download Throughput (Mbps)	3.18	9.57	20.97	13.03	39.96
Upload Throughput (Mbps)	1.30	3.54	18.43	5.20	14.04
Web Browsing Delay (sec)	13.54	9.2	17.78	4.7	1.4
Latency (msec)	132.13	178	44.61	37.6	79

Texvalley Mall- Erode	2G		
	Airtel	BSNL	VIL
Download Throughput (kbps)	131.53	143.07	165.4
Upload Throughput (kbps)	73.43	97.65	60.5
Web Browsing Delay (sec)	19.0	97.24	41.8
Latency (msec)	297.66	458.33	487

Medical College- Perundurai	2G		
	Airtel	BSNL	VIL
Download Throughput (kbps)	222.83	174.5	204.7
Upload Throughput (kbps)	66.1	62.98	103.7
Web Browsing Delay (sec)	14.64	98.18	31.2
Latency (msec)	351.33	606.4	461.0

Erode Railway Station	2G		
	Airtel	BSNL	VIL
Download Throughput (kbps)	182.83	66.69	66.69
Upload Throughput (kbps)	81.9	21.95	21.95
Web Browsing Delay (sec)	17.20	133.75	133.75
Latency (msec)	232.33	633	633

Erode Bus Stand	2G		
	Airtel	BSNL	VIL
Download Throughput (kbps)	147.6	156.84	214.4
Upload Throughput (kbps)	120.4	95.36	115.8
Web Browsing Delay (sec)	18.10	103.73	32.6
Latency (msec)	392.33	250	451

VOC Park	2G		
	Airtel	BSNL	VIL
Download Throughput (kbps)	114.16	134.69	179.9
Upload Throughput (kbps)	71.56	84.18	113.4
Web Browsing Delay (sec)	20.09	125.89	40.2
Latency (msec)	453	302.33	418

Mahatma Gandhi Textile Market	2G		
	Airtel	BSNL	VIL
Download Throughput (kbps)	219.1	187.14	225.8
Upload Throughput (kbps)	93.6	108.90	116.7
Web Browsing Delay (sec)	20.74	121.02	30.4
Latency (msec)	435	417.12	463.5

Tex Valley, Gangapuram	3G	3G	LTE		
	BSNL	VIL	Airtel	JIO	VIL
Download Throughput (Mbps)	2.85	10.56	13.69	15.81	54.80
Upload Throughput (Mbps)	1.3	3.53	20.11	3.00	17.52
Web Browsing Delay (sec)	13.36	9.5	12.36	4.59	0.9
Latency (msec)	125.35	166	49.0	38	77

Medical college, perundurai	3G	3G	LTE		
	BSNL	VIL	Airtel	JIO	VIL
Download Throughput (Mbps)	1.34	10.36	18.76	11.31	51.67
Upload Throughput (Mbps)	0.49	3.50	11.81	5.95	11.79
Web Browsing Delay (sec)	13,36	10.1	11.92	4.60	0.9
Latency (msec)	125.35	168	33.33	40	83

Erode railway Station	3G	3G	LTE		
	BSNL	VIL	Airtel	JIO	VIL
Download Throughput (Mbps)	3,54	8.60	22.85	11.52	15.25
Upload Throughput (Mbps)	1.58	3.19	21.00	5.61	12.05
Web Browsing Delay (sec)	14.69	10.1	10.11	4.59	1.7
Latency (msec)	107.16	290	48.00	38	83

Erode Bus Stand	3G	3G	LTE		
	BSNL	VIL	Airtel	JIO	VIL
Download Throughput (Mbps)	2.73	8.58	25.45	12.02	17.52
Upload Throughput (Mbps)	1.7	3.77	13.84	5.50	7.47
Web Browsing Delay (sec)	13.29	9.0	11.63	4.94	1.6
Latency (msec)	106.40	321	39.66	34	75

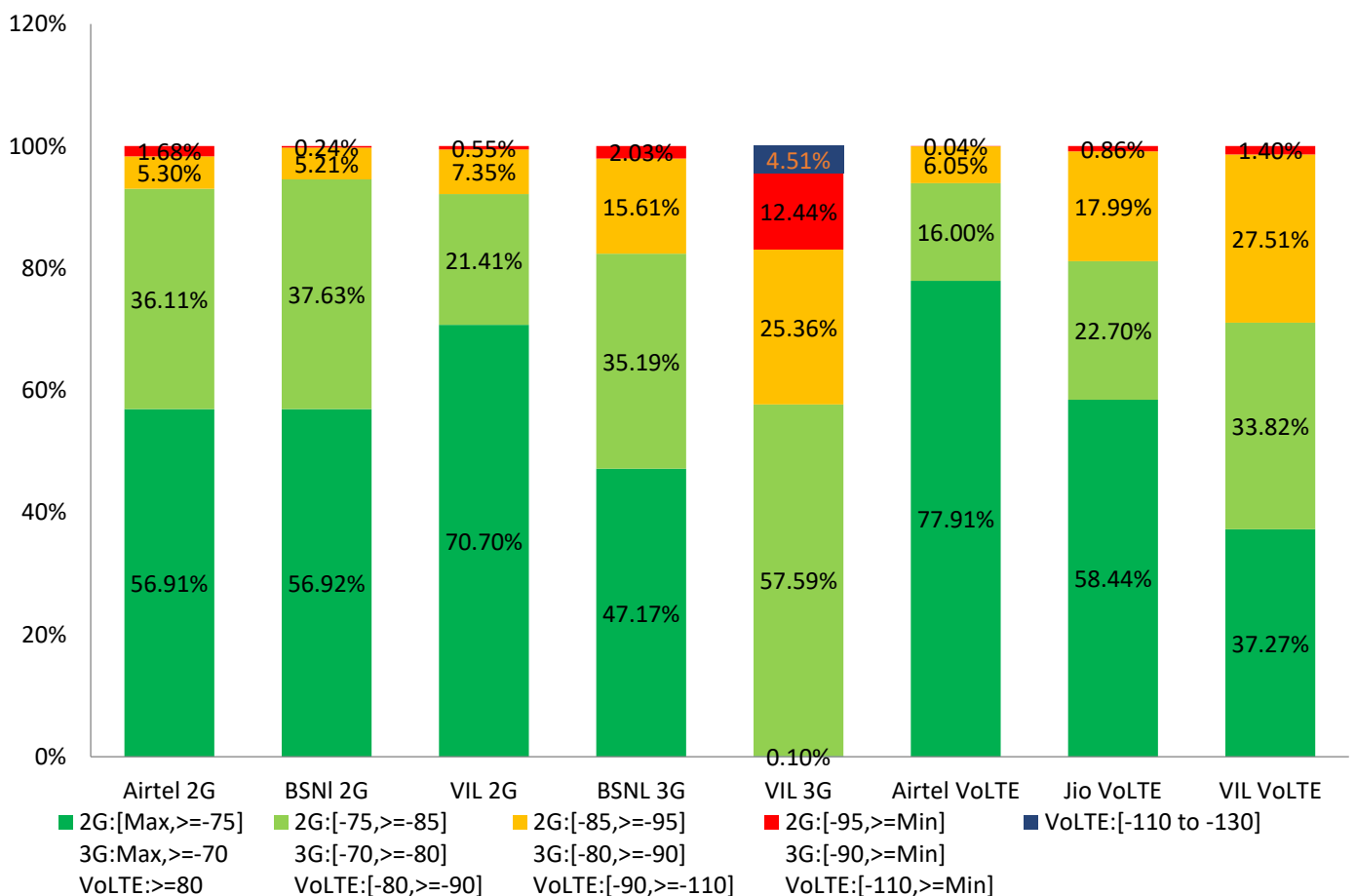
VOC park	3G	3G	LTE		
	BSNL	VIL	Airtel	JIO	VIL
Download Throughput (Mbps)	3.76	10.35	29.12	11.20	69.57
Upload Throughput (Mbps)	1.41	3.22	18.67	5.65	19.57
Web Browsing Delay (sec)	12.21	7.8	13.48	4.74	2.0
Latency (msec)	106.66	169	42.33	37	68

Mahatma Gandhi Textile Market	3G	3G	LTE		
	BSNL	VIL	Airtel	JIO	VIL
Download Throughput (Mbps)	4.9	8.95	15.95	16.31	30.96
Upload Throughput (Mbps)	1.39	4.04	25.138	5.50	15.86
Web Browsing Delay (sec)	8.99	8.7	17.17	4.87	1.0
Latency (msec)	106.4	157	55.33	39.0	90.3

I. Coverage Details

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 ≥ -110 dBm. The details are as follows.

TSP	Coverage Rate %
Airtel 2G	93.00
BSNI 2G	91.84
VIL 2G	92.11
BSNL 3G	91.69
VIL 3G	95.49
Airtel VoLTE	99.96
Jio VoLTE	99.14
VIL VoLTE	98.60

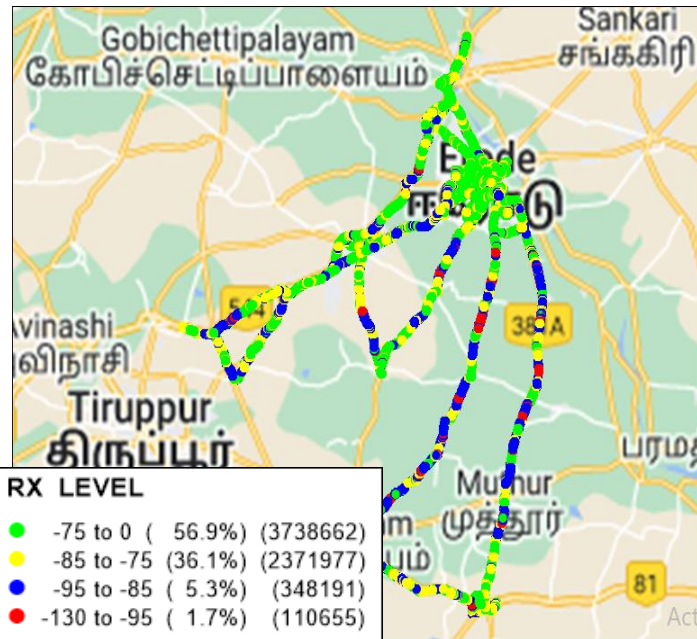


I. Coverage Details

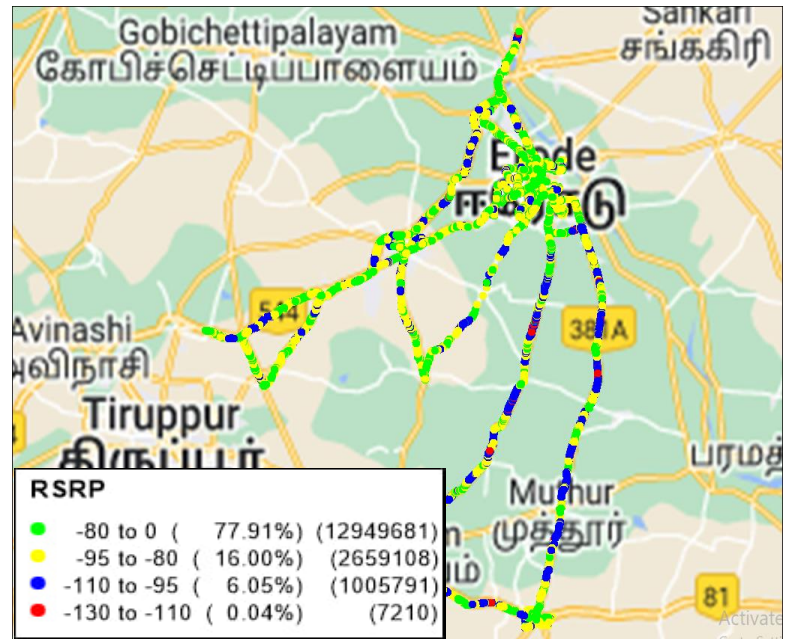
AIRTEL

TSP	Coverage Rate %
Airtel 2G	93.00
Airtel VoLTE	99.96

2G



VoLTE



Overall Rx Level	# Samples	% PDF
[Max, >=-75]	3738662	56.91%
[-75, >=-85)	2371977	36.11%
[-85, >=-95)	348191	5.30%
[-95, >=Min)	110655	1.68%
Total	6569485	100%

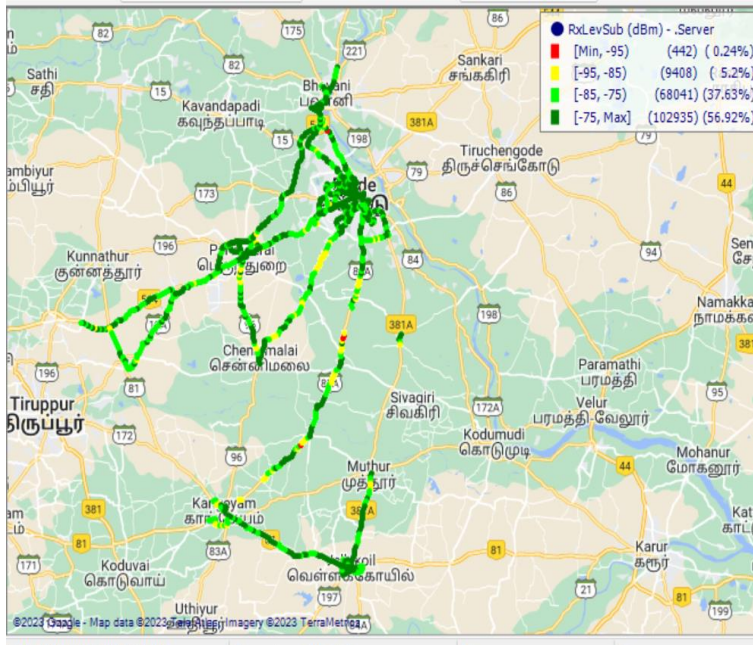
Overall RSRP	# Samples	% PDF
[Max, >=-80]	12949681	77.91%
[-80, >=-90)	2659108	16.00%
[-90, >=-110)	1005791	6.05%
[-110, >=Min)	7210	0.04%
Total	16621790	100%

I. Coverage Details

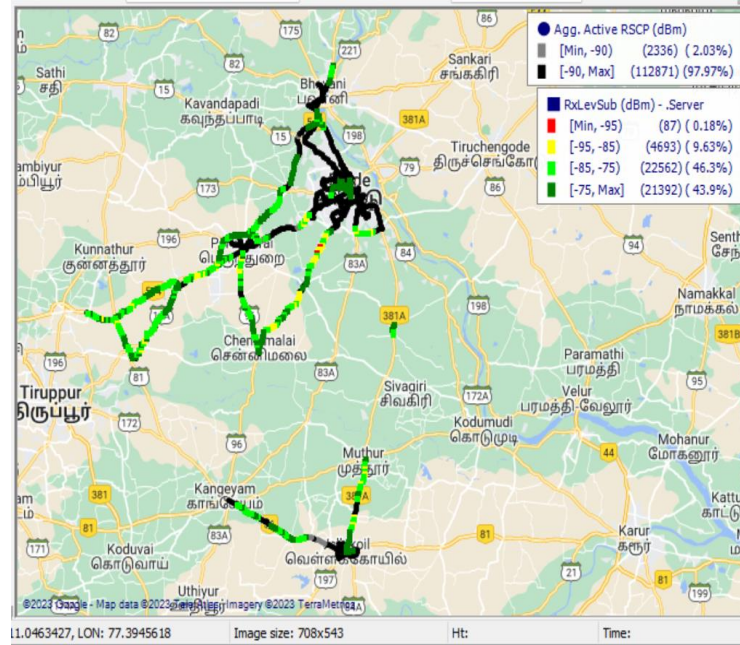
BSNL

Technology	Coverage Rate %
2G	91.84
3G	70.27

2G



3G/VoLTE



2G

Overall RxLevel	# Samples	% PDF
[Max, >=-75]	102935	56.92%
[-75, >=-85)	68041	37.63%
[-85, >=-95)	9408	5.21%
[-95, >=Min)	442	0.24%
Total	180826	100%

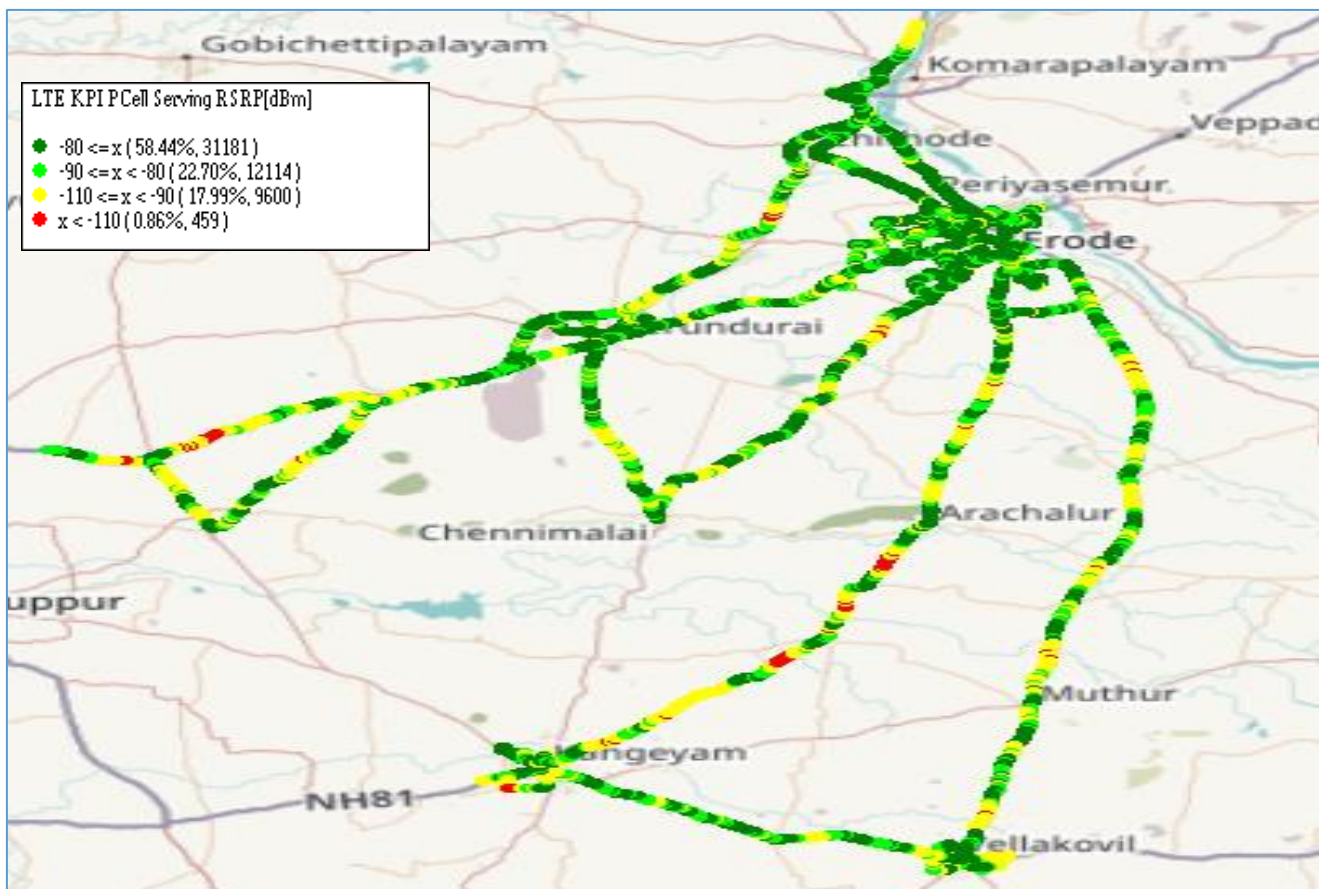
3G

Overall RSCP	# Samples	% PDF
[Max, >=-70]	54345	47.17%
[-70, >=-80)	40546	35.19%
[-80, >=-90)	17980	15.61%
[-90, >=Min)	2336	2.03%
Total	115207	100 %

I. Coverage Details

JIO

Technology	Coverage Rate %
VoLTE	99.14



VoLTE		
Overall RSRP	# Samples	%
[Max, >=-80]	31181	58.44%
[-80, >=-90)	12114	22.70%
[-90, >=-110)	9600	17.99%
[-110, >=Min)	459	0.86%
Total	53354	100%

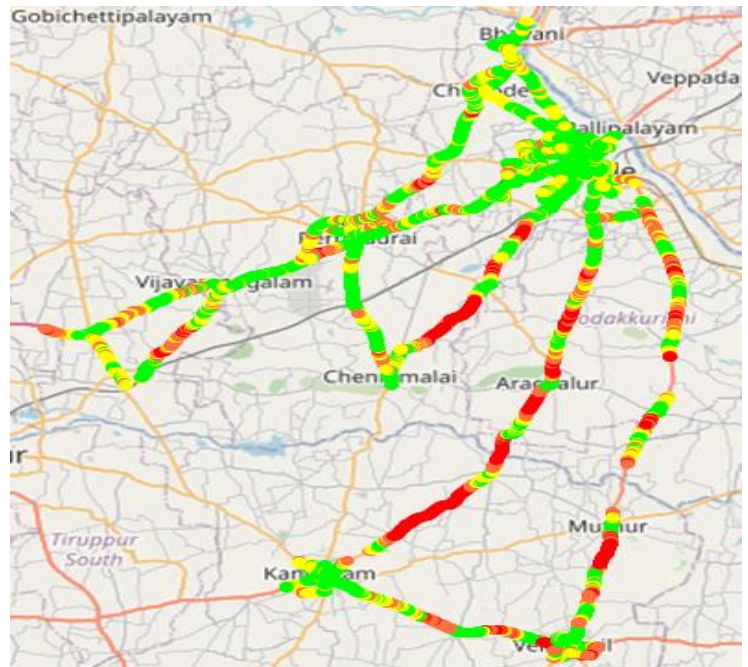
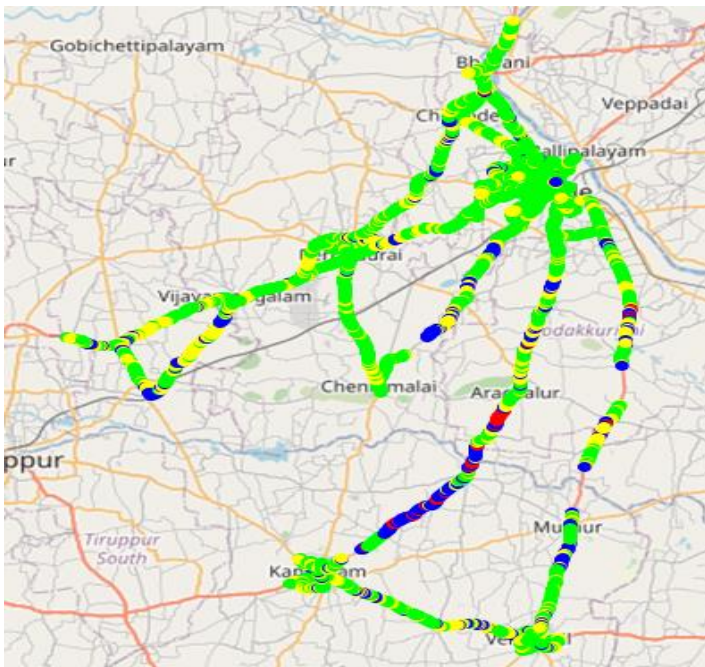
I. Coverage Details

VIL

Technology	Coverage Rate %
2G	92.11
3G	95.49

2G

3G

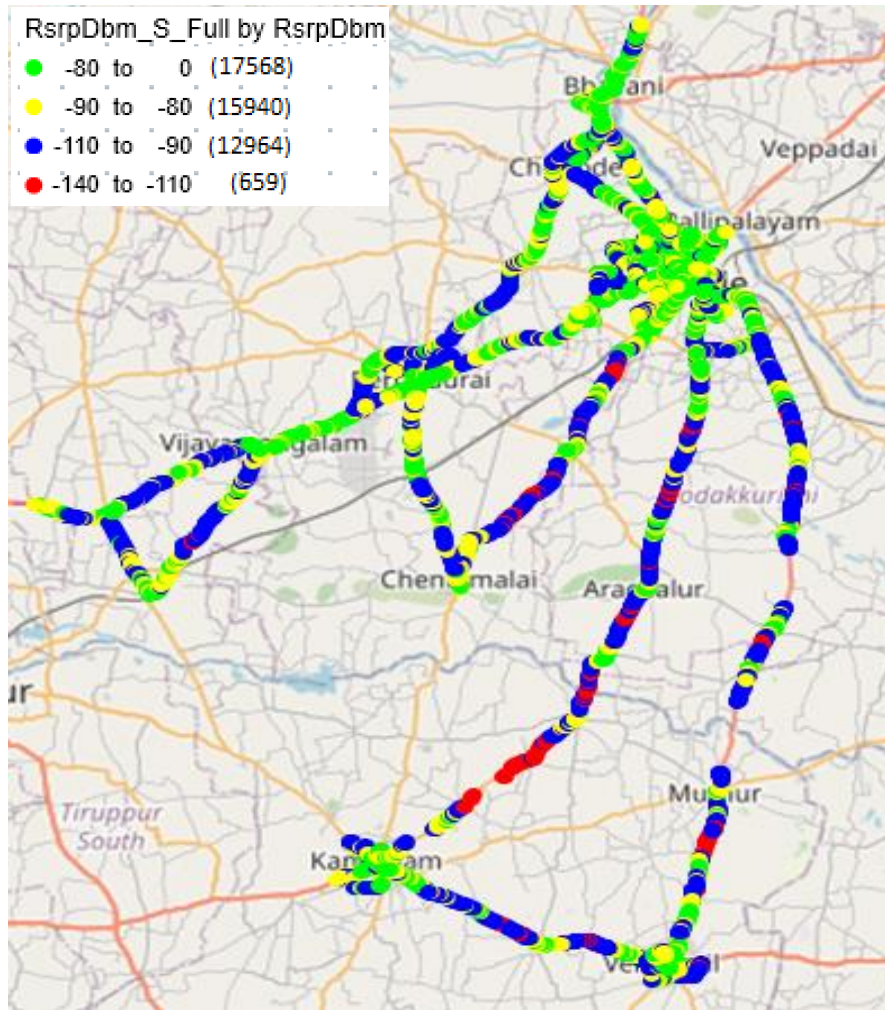


Overall Rx Level	# Samples	% PDF
[Max, >=-75]	20225	70.70%
[-75, >=-85]	6124	21.41%
[-85, >=-95]	2102	7.35%
[-95, >=Min]	156	0.55%
Total	28607	100.00

Overall RSCP	# Samples	% PDF
[Max, >-40]	47	0.10%
[-40, >=-70]	26567	57.59%
[-70, >=-80]	11698	25.36%
[-80, >=-90]	5739	12.44%
[-90, >=Min]	2079	4.51%
Total	46130	100.00

I. Coverage Details

VIL	
Technology	Coverage Rate %
4G	98.6

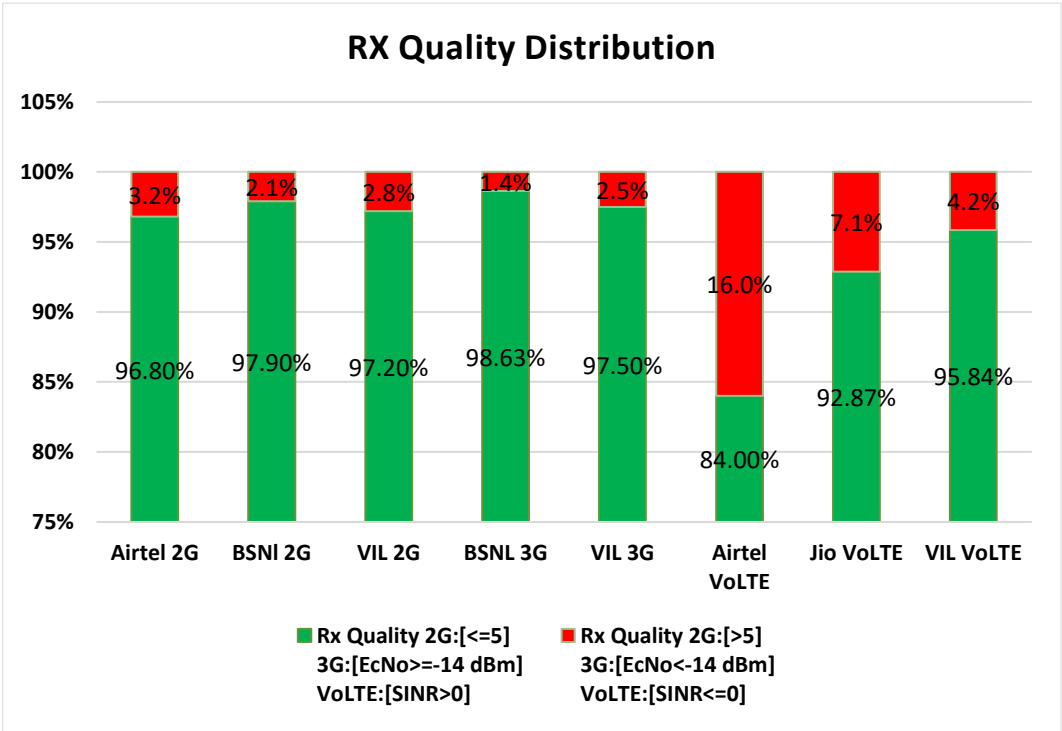


Overall RSRP	# Samples	% PDF
[Max, >=-80]	17568	37.27%
[-80, >=-90)	15940	33.82%
[-90, >=-110)	12964	27.51%
[-110, >=Min)	659	1.40%
Total	47131	100

II. Quality Details

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

TSP	Rx Quality %
Airtel 2G	96.80%
BSNI 2G	97.9%
VIL 2G	97.2%
BSNL 3G	98.63%
VIL 3G	97.5%
Airtel VoLTE	84.0%
Jio VoLTE	92.87 %
VIL VoLTE	95.84%

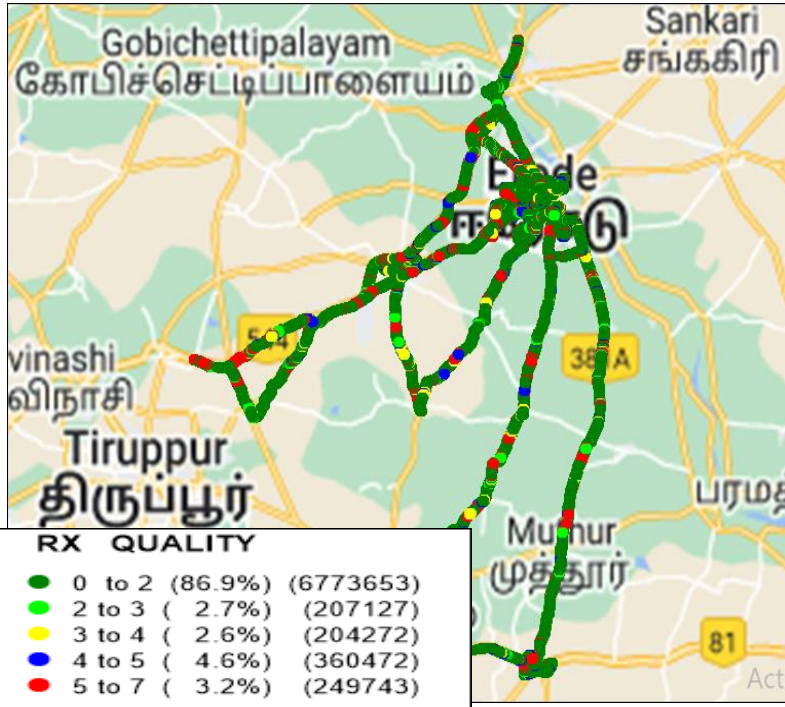


II. Quality Details

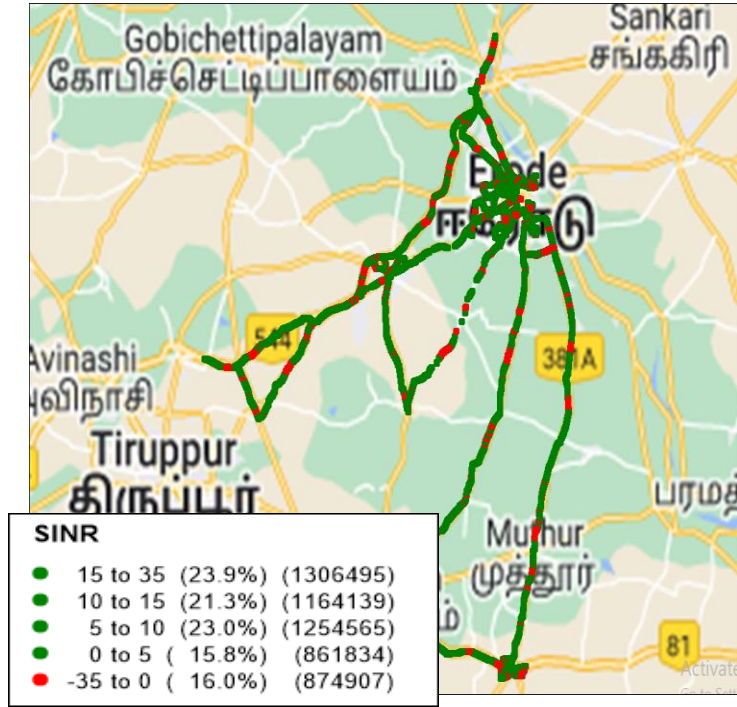
Airtel

Technology	Rx Quality %
2G	96.80
VoLTE	84.00

2G



VoLTE



Overall Rx Quality	# Samples	% PDF
(Min, <=2)	6773653	86.89%
(2, <=3)	207127	2.66%
(3 , <=4)	204272	2.62%
(4 , <=5)	360472	4.62%
(5 , <=Max)	249743	3.20%
Total	7795267	100.00%

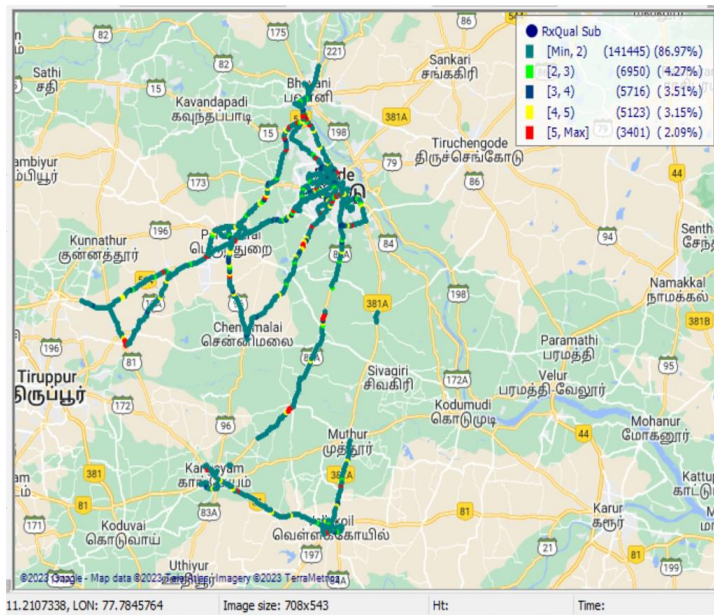
Overall SINR	# Samples	% PDF
(Min, <=0)	874907	16.02%
(0, <=5)	861834	15.78%
(5, <=10)	1254565	22.97%
(10, <=15)	1164139	21.31%
(15, <=Max)	1306495	23.92%
Total	5461940	100%

II. Quality Details

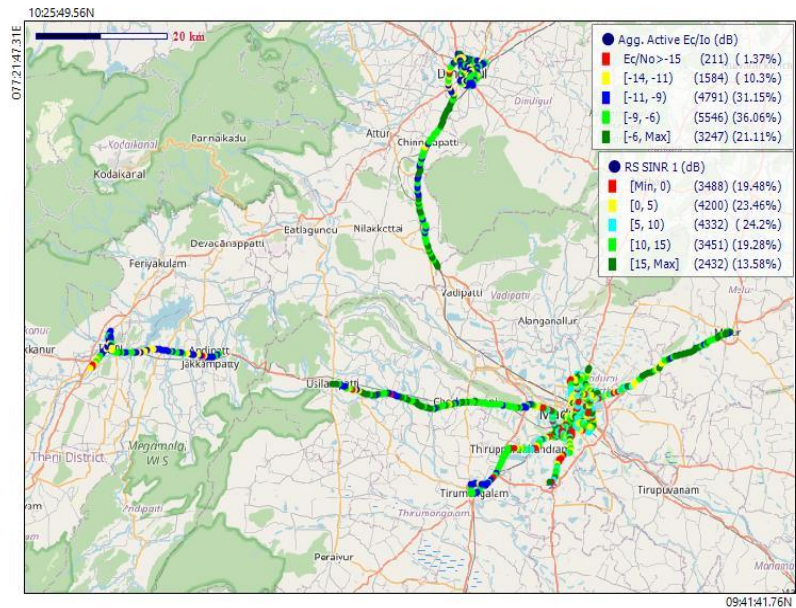
BSNL

Technology	Rx Quality %
2G	97.9
3G	98.63

2G



3G



Overall Rx Quality	# Samples	% PDF
(Min, <=2)	141445	86.97%
(2, <=3)	6950	4.27%
(3, <=4)	5716	3.51%
(4, <=5)	5123	3.16%
(5, <=Max)	3401	2.09%
Total	162635	100%

Overall EcNo	# Samples	% PDF
(Max, <=-6)	3247	21.11%
(-6, <=-9)	5546	36.06%
(-9, <=-11)	4791	31.15%
(-11, <=-14)	1584	10.3%
(-14, <= Min)	211	1.37%
Total	28210	100%

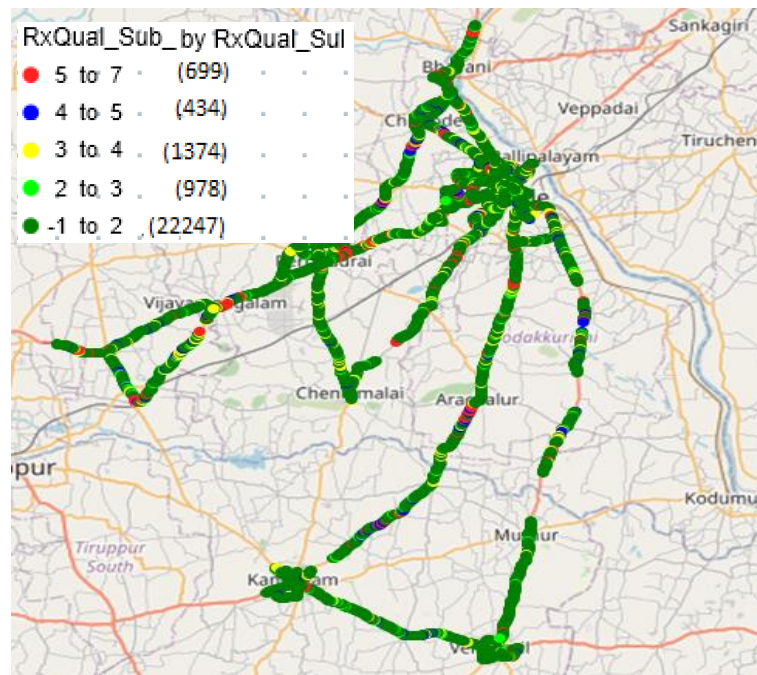
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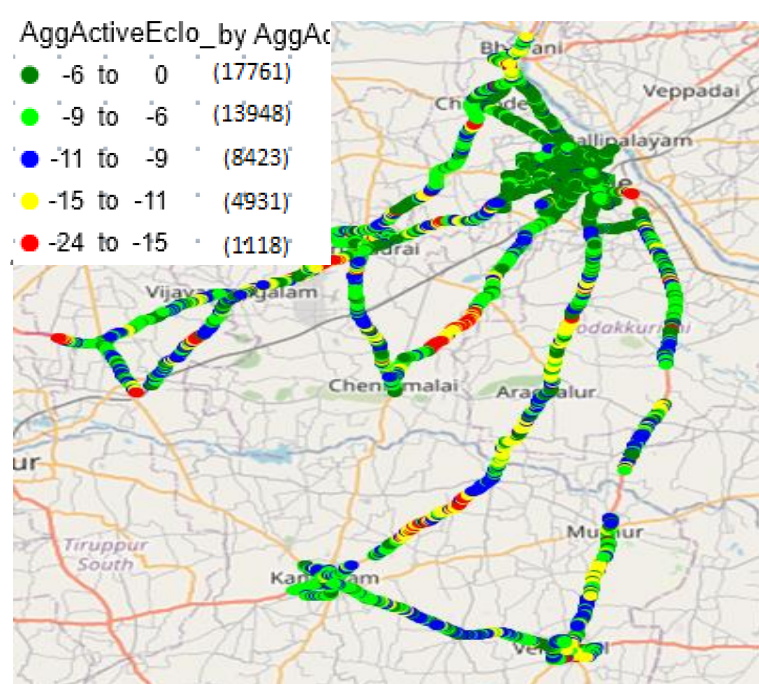
VIL

Technology	Rx Quality %
2G	97.2
3G	97.50

2G



3G

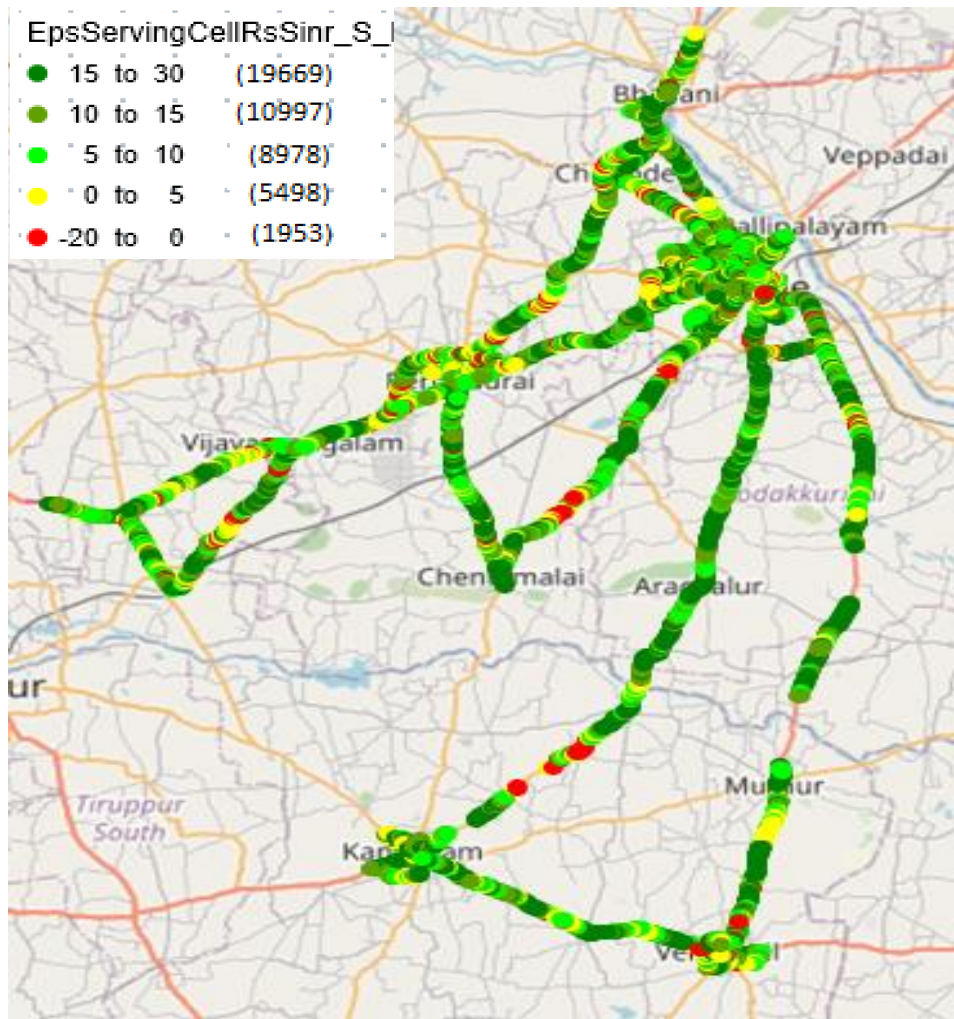


Overall Rx Quality	# Samples	% PDF
(Min, ≤ 2)	22247	86.46
(2, ≤ 3)	978	3.80
(3, ≤ 4)	1374	5.34
(4, ≤ 5)	434	1.69
(5, \leq Max)	699	2.72
Total	25732	100.00

Overall EcNo	# Samples	% PDF
[Max, ≤ -6]	17761	38.46
[-6, ≤ -9]	13948	30.20
[-9, ≤ -11]	8423	18.24
[-11, ≤ -14]	4931	10.68
[-14, \leq Min]	1118	2.42
Total	46181	100

II. Quality Details

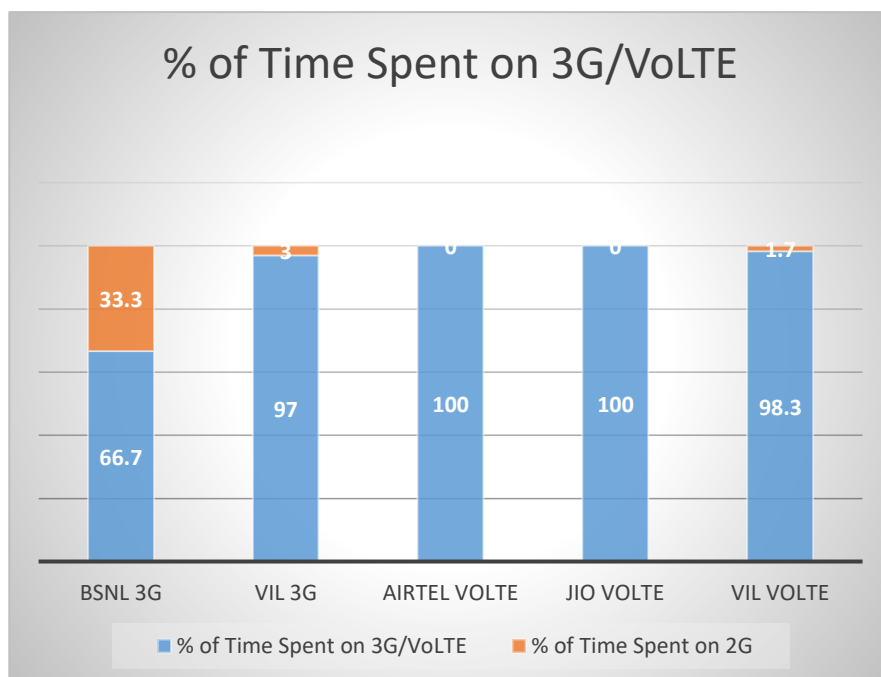
VIL	
Technology	SINR
4G	95.84



Overall SINR	# Samples	% PDF
(Min, <=0)	1953	4.15
(0, <=5)	5498	11.67
(5, <=10)	8978	19.06
(10, <=15)	10997	23.35
(15, <=Max)	19669	41.76
Total	47095	100.00

III. Technology Details

TSP	% of Time Spent on 3G/VoLTE
BSNL 3G	66.7
VIL 3G	97
Airtel VoLTE	100
Jio VoLTE	100
VIL VoLTE	98.30



III. Technology Details

Airtel

Technology	Time Spent on 4G
4G	100%

BSNL

Technology	Time Spent on 3G/4G
3G	66.7%

JIO

Technology	Time Spent on 4G
4G	100%

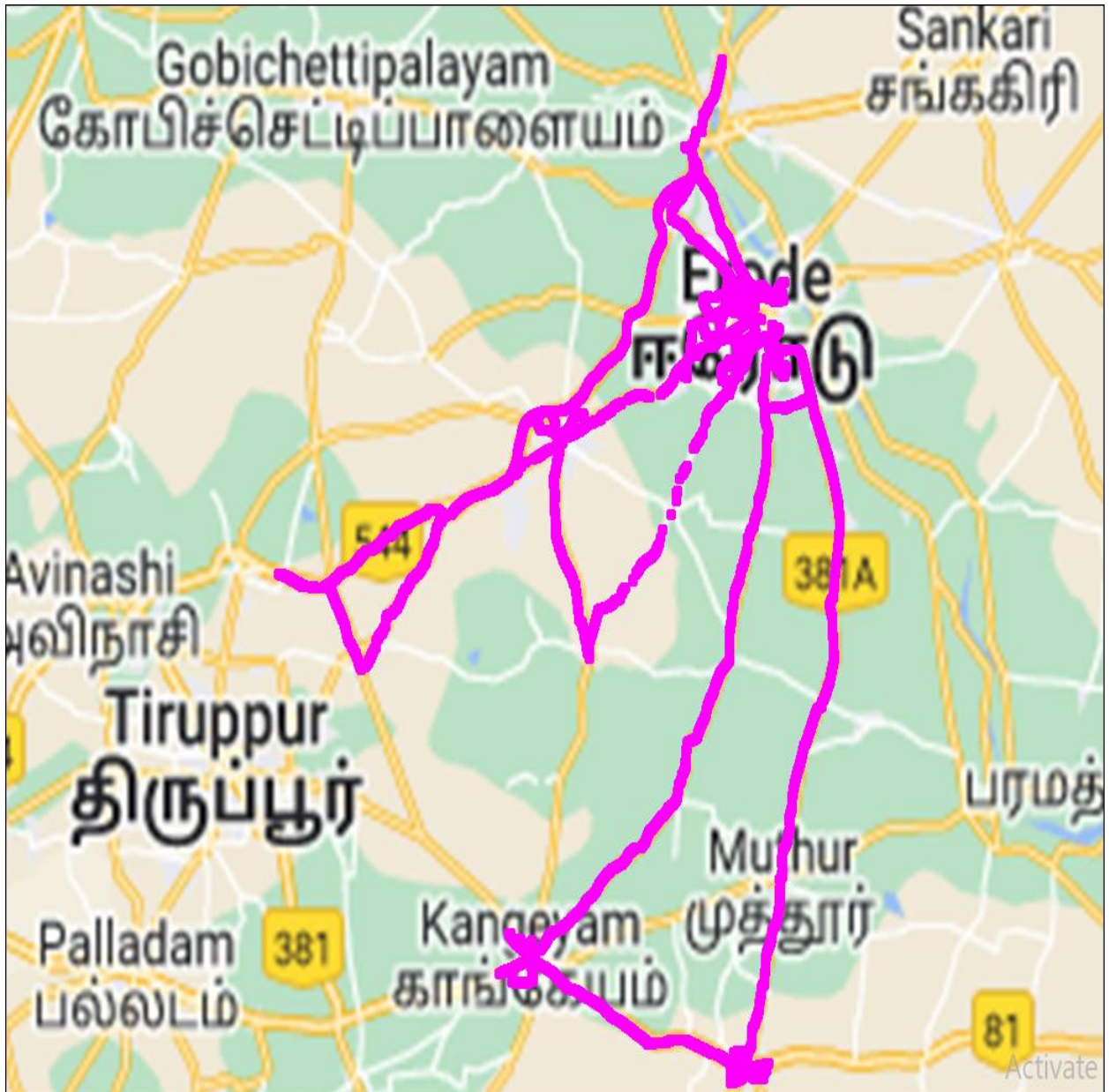
VIL

Technology	Time Spent on 3G/4G
3G/4G	97/98.30

III. Technology Details

Airtel

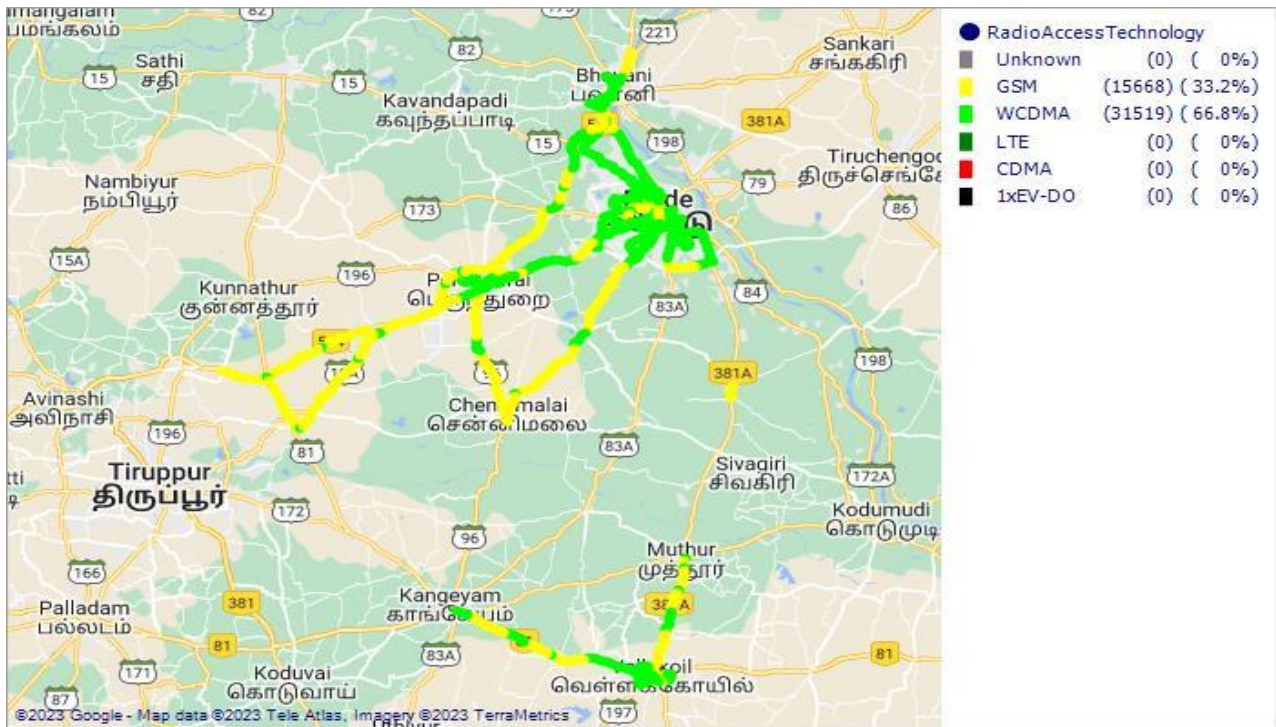
Technology	Time Spent on 4G
4G	100%



III. Technology Details

BSNL

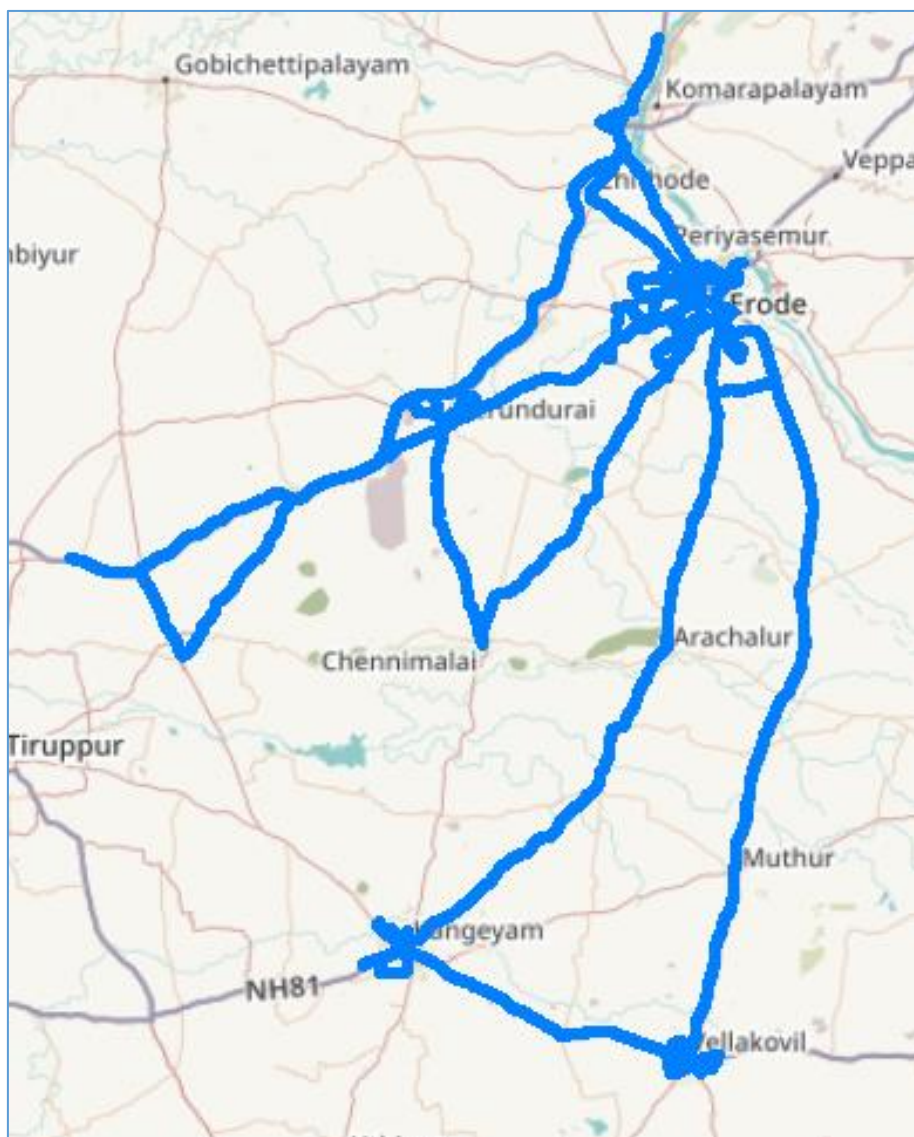
Technology	Time Spent on 3G
3G	66.8%



III. Technology Details

JIO

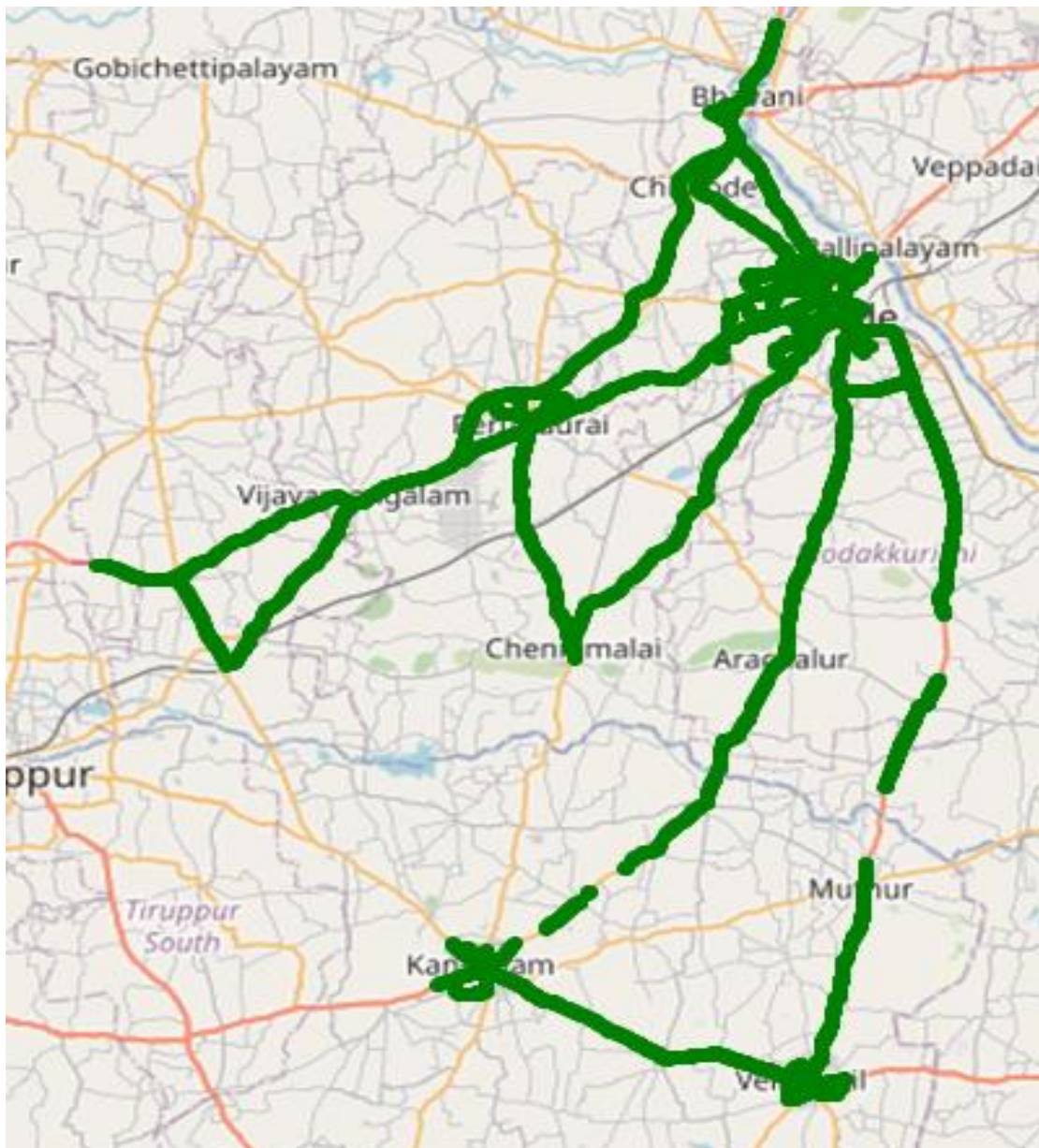
Technology	Time Spent on 4G
4G	100%



III. Technology Details

VIL

Technology	Time Spent on 4G
4G	98.73

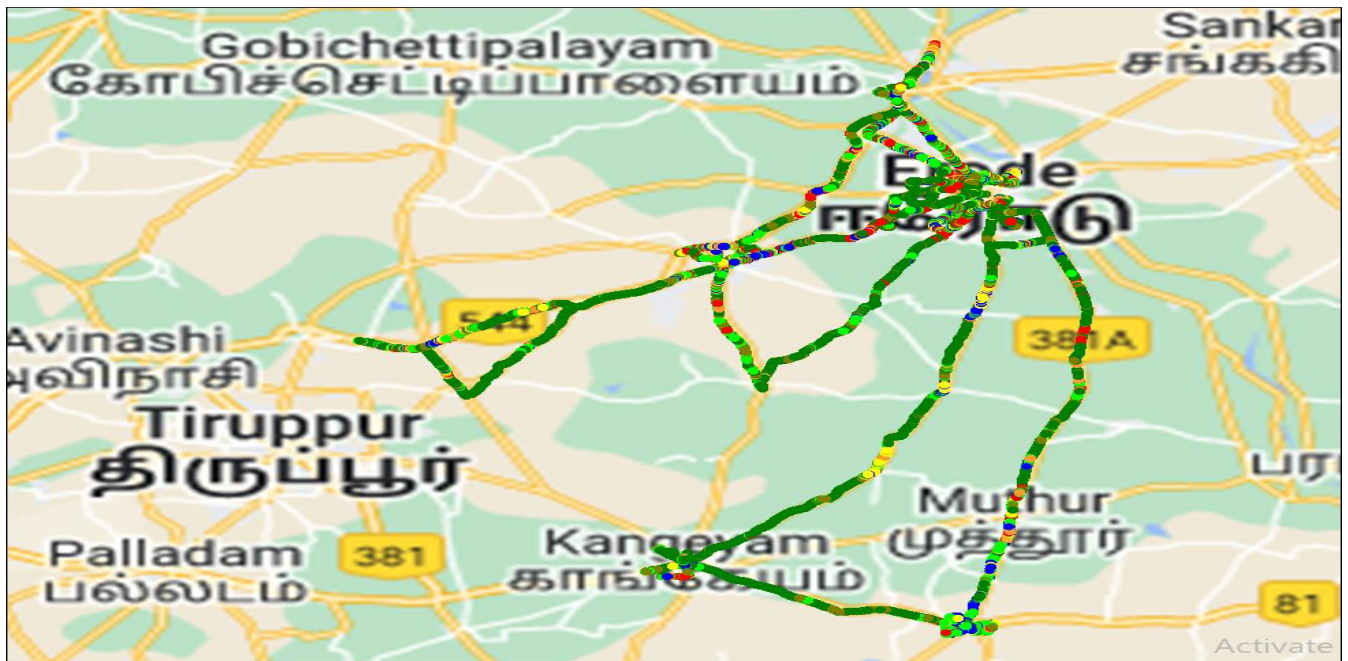


IV. Dynamic Data Test- 4G DL Details

Airtel

Data Statistics - Dynamic Complete SSA - - 397 Kms

Data KPIs – Overall	4G
Download Throughput (Mbps)	15.14



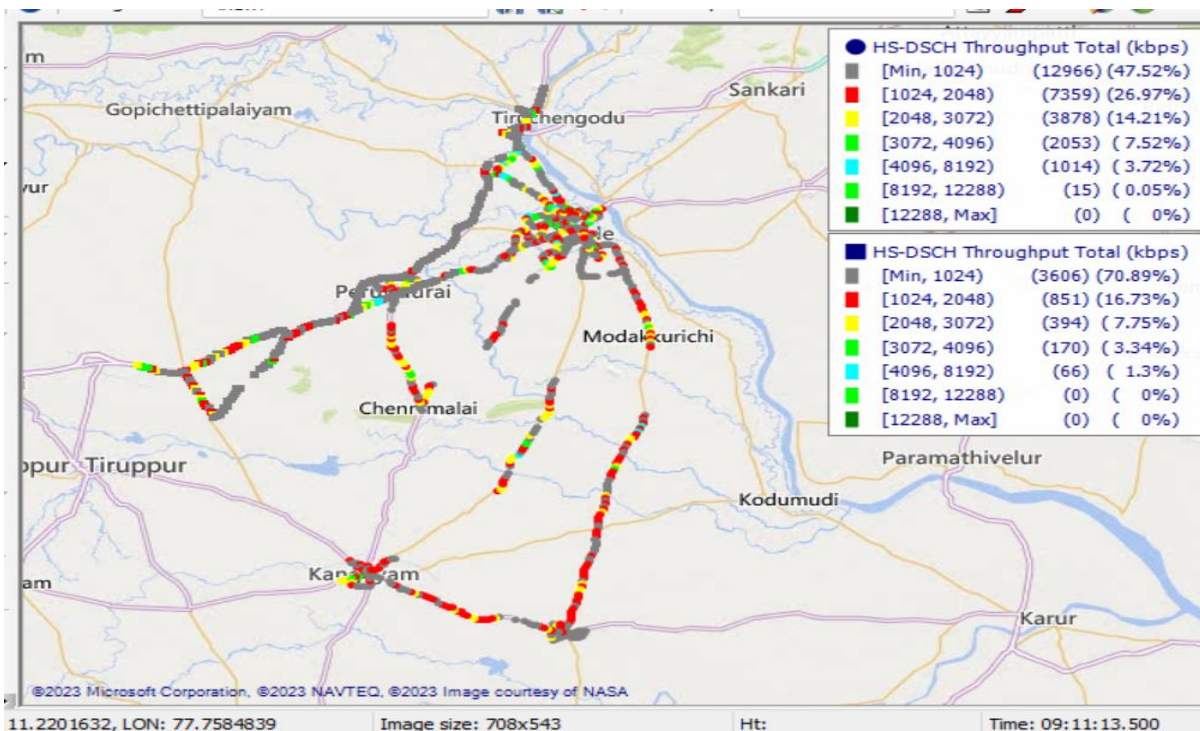
DL throughput	No of Sample	%
0 to 1 Mbps	244550	2.34
1 to 2 Mbps	177062	1.70
2 to 3 Mbps	241129	2.31
3 to 4 Mbps	247627	2.37
4 to 8 Mbps	738795	7.08
8 to 12 Mbps	5854773	56.08
>12 Mbps	2936588	28.13
Total	10440524	100

IV. Dynamic Data Test- 3G DL Details

BSNL

Data Statistics - Dynamic Complete SSA 398 Kms

Data KPIs - Overall	3G
Download Throughput (Mbps)	1.39



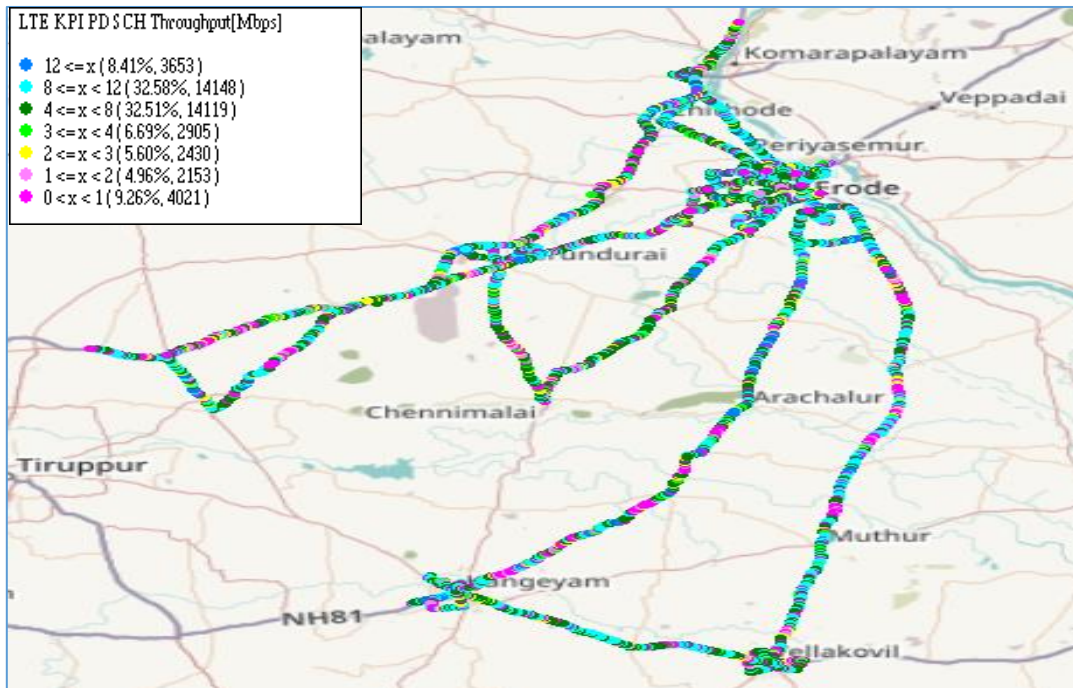
DL throughput	No of Sample	%
0 to 1 Mbps	16572	51.19
1 to 2 Mbps	8210	25.36
2 to 3 Mbps	4272	13.20
3 to 4 Mbps	2223	6.87
4 to 8 Mbps	1080	3.34
8 to 12 Mbps	15	0.05
>12 Mbps	0	0
Total	13265	100

IV. Dynamic Data Test- 4G DL Details

JIO

Data Statistics - Dynamic Complete SSA - 400 Kms

Data KPIs - Overall	4G
Download Throughput (Mbps)	6.94



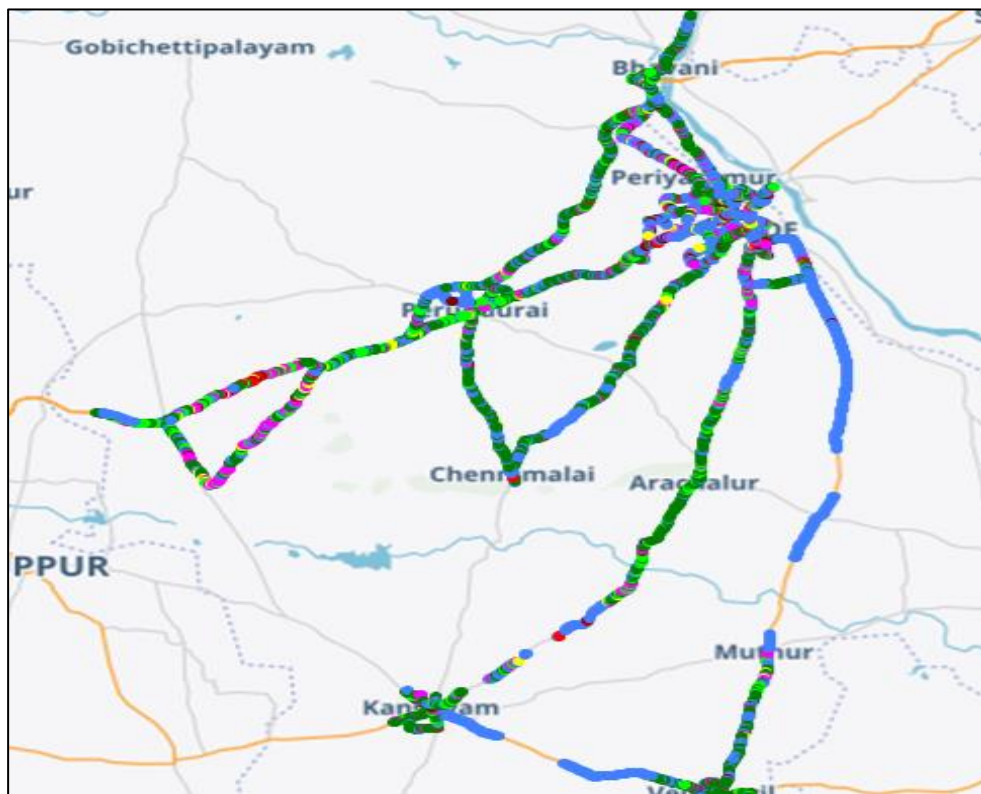
DL throughput	No. of samples	%
0 to 1 Mbps	4021	9.26
1 to 2 Mbps	2153	4.96
2 to 3 Mbps	2430	5.60
3 to 4 Mbps	2905	6.69
4 to 8 Mbps	14119	32.51
8 to 12 Mbps	14148	32.58
>12 Mbps	3653	8.41
Total	43429	100

IV. Dynamic Data Test- 4G DL Details

VIL

Data Statistics - Dynamic Complete SSA - 394 Kms

Data KPIs - Overall	4G
Download Throughput (Mbps)	9.38



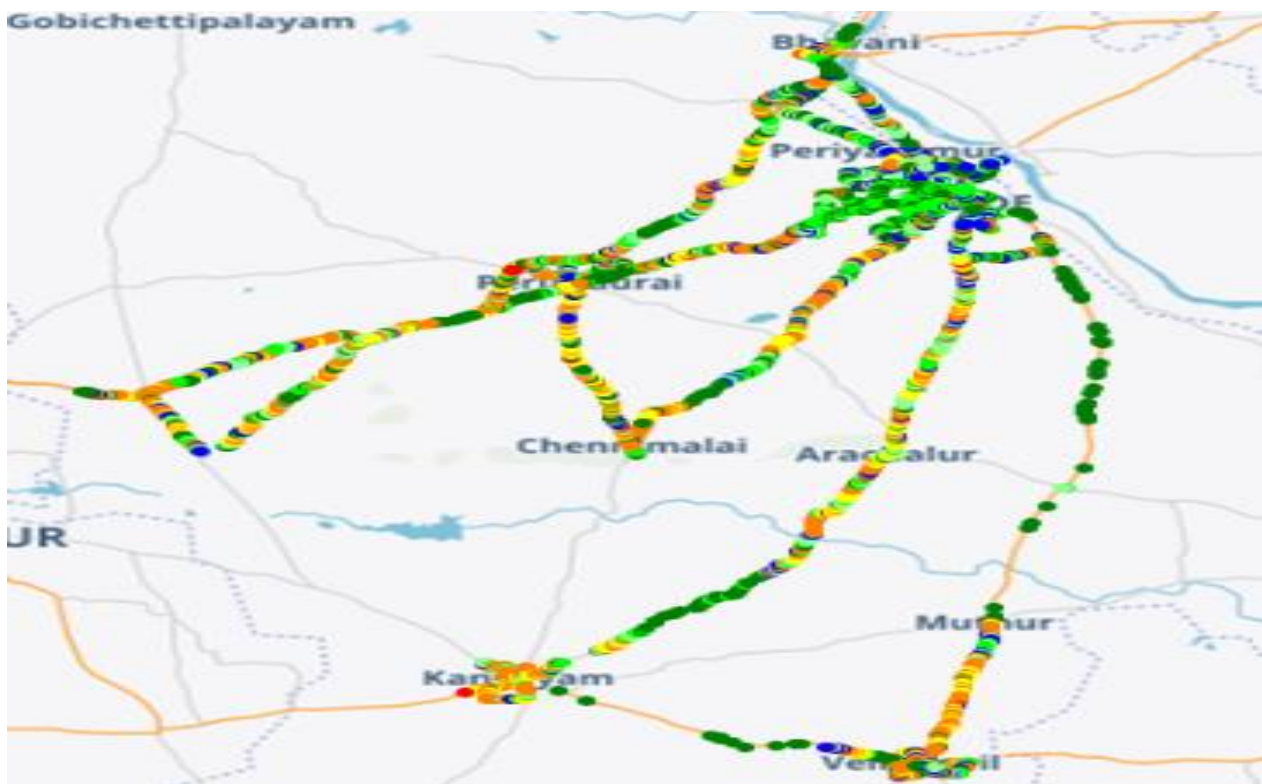
DL throughput	No of Sample	%
0 to 1 Mbps	22859	59
1 to 2 Mbps	701	2
2 to 3 Mbps	662	2
3 to 4 Mbps	555	1
4 to 8 Mbps	2223	6
8 to 12 Mbps	2468	6
>12 Mbps	9059	24
Total	38527	100

IV. Dynamic Data Test- 4G DL Details

VIL

Data Statistics - Dynamic Complete SSA - 394 Kms

Data KPIs – Overall	3G
Download Throughput (Mbps)	4.82



DL throughput	No of Sample	%
0 to 1 Mbps	3531	22
1 to 2 Mbps	1162	7
2 to 3 Mbps	1617	10
3 to 4 Mbps	1238	8
4 to 8 Mbps	4760	30
8 to 12 Mbps	2863	18
>12 Mbps	759	5
Total	15930	100

V. TRAI MySpeed App

Airtel

Technology- 4G	Texvalley Mall - Erode	Perundurai Medical College- Erode	Railway Station- Erode	Bus Stand- Erode	VOC Park- Erode	MG Market- Erode
Download Speed Mbps	31.12	44.31	41.23	30.16	26.42	31.12
Upload Speed Mbps	33.66	2.76	42.97	30.03	30.62	33.66
Latency Sec			Not captured in the App			

BSNL

Technology- 3G	Texvalley Mall - Erode	Perundurai Medical College- Erode	Railway Station- Erode	Bus Stand- Erode	VOC Park- Erode	MG Market- Erode
Download Speed Mbps	5.13	5.26	1.37	1.37	3.71	6.81
Upload Speed Mbps	1.84	1.84	1.78	1.78	1.71	1.84
Latency Sec			Not captured in the App			

JIO

Technology- 4G	Texvalley Mall - Erode	Perundurai Medical College- Erode	Railway Station- Erode	Bus Stand- Erode	VOC Park- Erode	MG Market- Erode
Download Speed Mbps	63.1	82.94	38.77	47.07	66.76	89.58
Upload Speed Mbps	8.48	8.44	10.31	9.61	9.95	25.57
Latency Sec	37.3	61	36.5	42.9	44.5	43.3

VIL

Technology- 4G	Texvalley Mall - Erode	Perundurai Medical College- Erode	Railway Station- Erode	Bus Stand- Erode	VOC Park- Erode	MG Market- Erode
Download Speed Mbps	165.92	68.88	31.42	30.16	26.42	31.12
Upload Speed Mbps	77.28	26.82	17.94	30.03	30.62	33.66
Latency Sec			Not captured in the App			

Technology- 3G	Texvalley Mall - Erode	Perundurai Medical College- Erode	Railway Station- Erode	Bus Stand- Erode	VOC Park- Erode	MG Market- Erode
Download Speed Mbps	15.01	13.41	9.20	14.64	15.10	9.74
Upload Speed Mbps	4.30	5.23	4.04	2.19	4.82	3.11
Latency Sec			Not captured in the App			