

Operator Assisted Drive Test Report

Indore City and nearby Area 06/04/2024 to 08/04/2024 By TRAI Regional Office Bhopal

The Operator Assisted Drive Test has been carried out by Regional Office, Bhopal with the help of Telecom Service Providers for Indore City and surrounding areas from 9:00 AM to 8:00 PM from - 06/04/2024 to 08/04/2024. The drive test covered drive route of around 395 KMs.

TSP	Network tested
Airtel	2G & Volte
BSNL	2G & 3G
JIO	VoLTE
VIL	2G, Volte

Key Performance Indicators:

KPI	Benchmark	Observations	
Block call rate %	≤3%	All TSPS achieved the benchmark.	
Drop call rate %	≤2%	All TSPS achieved the benchmark.	
CSSR %	≥95 %	All TSPS achieved the benchmark.	
Mobility HOSR %	≥95%	All TSPS achieved the benchmark.	
Good RX Quality %	≥95%	All TSPS achieved the benchmark, Except Rx Quality by Airtel, JIO and Vi in VoLTE.	

Overview

Regional Office, TRAI Bhopal conducted Operator Assisted Drive Test. The performance of Airtel, BSNL, Vodafone Idea and Jio was monitored across various technologies (2G, 3G,4G & 5G). The test results obtained from these drive tests were utilized to assess the network quality for Voice and Data services.

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

Data: Download Throughputs

Drive Test Details:

Voice Tests:

- i. 2G measurement UE Locked in 2G
- ii. 3G measurement UE in Dual mode (2G and 3G)
- iii. 4G measurement UE in Free mode

Calls were made for the **120-sec** duration with a wait time of **10 sec** between calls in all technologies.

Data Tests:

Dymic data – repeat data file download (to check throughput on the entire route)

- i. 3G measurement UE in 3G File Size- 20MB
- ii. 4G measurement UE in LTE File Size- 40MB
- iii. 5G measurement UE in 5G File Size- 200MB

Static Data: Download and Upload Throughputs, Web Browsing Delay, Video Streaming Delay, and Latency

- i. Download- 3G 20 MB, 4G 40MB, 5G -200 MB
- ii. Upload 3G 5 MB, 4G 10MB, 5G 100 MB
- iii. Web browsing 3 links of e-commerce websites https://www.amazon.in, https://www.amazon.in, https://www.amazon.in,
- iv. Video Streaming 130 sec clip
- v. Latency 32 Bytes on <u>www.google.com</u>.

Overview

Voice & Dymic Data Test Drive Route



List of important area covered during the drive test

Indore Railway station

Indore Airport

Rajwada

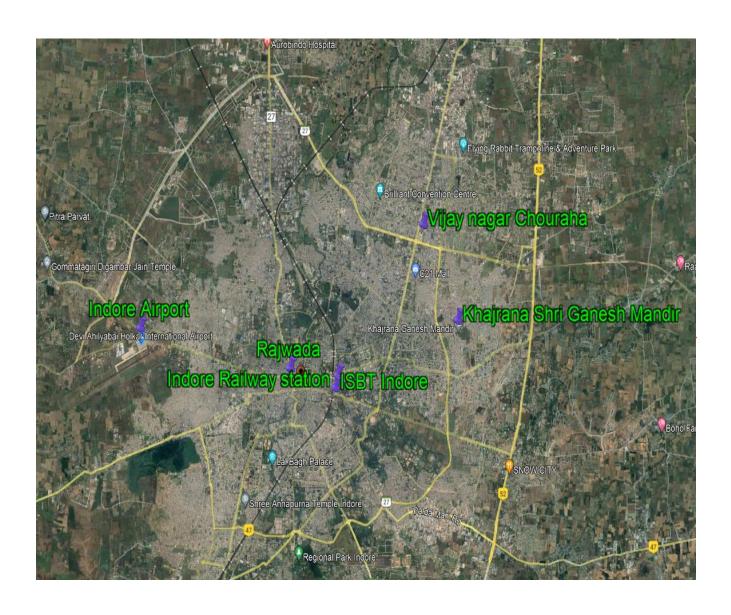
ISBT Indore

Vijay gar Chouraha

Khajra Shri Ganesh Mandir

Overview

Data Service Test- Static Locations

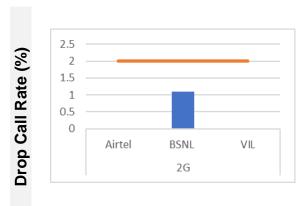


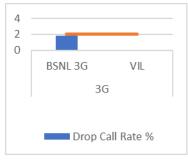
Hotspot Locations			
Indore Railway station			
Indore Airport			
Rajwada			
ISBT Indore			
Vijay gar Chouraha			
Khajra Shri Ganesh Mandir			

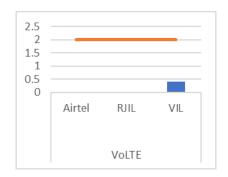
Voice Calls

Key Observations

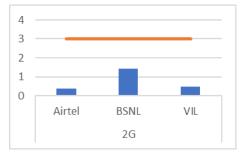
QoS compliance of the TSPs for Voice across technologies 2G/3G/4G-VoLTE:

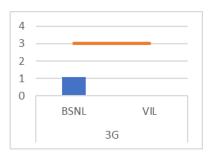


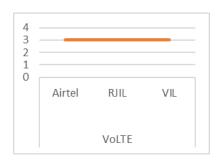












Benchmark

KPI achieved

KPIs	2G		3G		VoLTE			
	Airtel	BSNL	VIL	BSNL	VIL	Airtel	RJIL	VIL
Drop Call Rate %	0	1.09	0	1.84	NA	0	0	0.40
Block Call Rate %	0.36	1.43	0.48	1.09	NA	0	NA	0

- 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 ≥ -85 dBm.

	2G		
TSPs	Airtel	BSNL	VIL
Coverage %	87.61	98.38	89.8

b) Percentage of coverage samples for 3G ≥ -90 dBm

TODa	3G
TSPs	BSNL
Coverage %	95.73

b) Percentage of coverage samples for LTE ≥ -110 dBm.

TSPs	VoLTE			
1575	Airtel	JIO	VIL	
Coverage %	99.97	99.94	99.28	

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

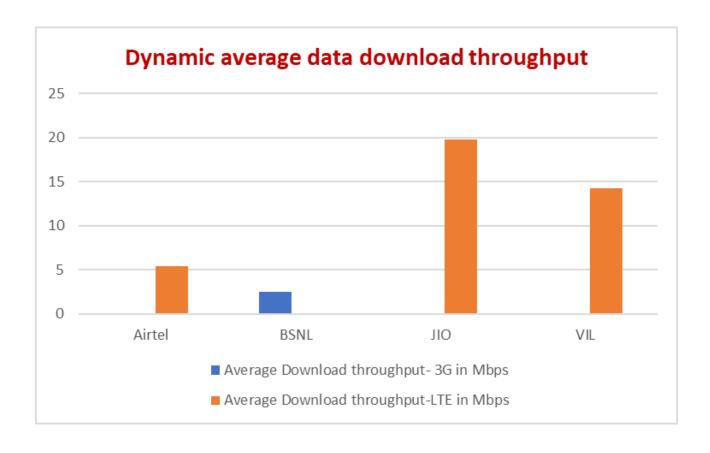
	3G		VolTE		
TSPs	BSNL	VIL	Airtel	VIL	JIO
Time Spent on 3G/4G %	100	NA	100	98.97	100

Key Observations

Data Services Dynamic

Dymic Data -Download Throughput was tested.

Data Download Performance - Dynamic data 3G/4G/5G Network



TSP	Airtel	BSNL	JIO	VIL
Average Download throughput- 3G In Mbps	NA	2.52	NA	NA
Average Download throughput- LTE in Mbps	5.37	NA	19.79	14.27
Average Download throughput- 5G in Mbps	NA	NA	NA	NA

Data Summary

Summary

City Level Summary- Voice

TSP (For 2G)	Airtel	BSNL	VIL
Call attempts	555	558	616
Block call rate %	0.36	1.43	0.48
CSSR %	99.64	98.57	99.52
Drop call rate %	0	1.09	0
Mobility HOSR %	97.99	96.00	98.47
RX Quality %	97.98	96.09	96.8
Average CST Sec	3.14	2.12	2.42

TSP (For 3G)	BSNL
Call attempts	550
Block call rate %	1.09
CSSR %	98.91
Drop call rate %	1.84
Mobility HOSR %	100.00
RX Quality %	96.32
Average CST (Sec)	2.21

TSP (For Volte)	Airtel	BSNL	JIO	VIL
Call attempts	606	NA	470	497
Block call rate %	0	NA	· -	0
CSSR %	100.00	NA	100	100
Drop call rate %	0	NA	0.00	0.40
Mobility HOSR %	100.00	NA	99.6	99.32
RX Quality %	94.46	NA	93.4	89.74
Average CST(Sec)	0.59	NA	0.56	0.74

Summary

City Level Summary-Data Services -Static

TSP (For 3G)	BSNL
Download throughput in Mbps	4.873
Upload Throughput in Mbps	1.27
Video streaming delay in sec	1.3
Web browsing delay in second	7.12
Latency in (msec)	88.67

TSP (For LTE)	Airtel	BSNL	JIO	VIL
Download throughput	10.4	NA NA	24.3	21.7
in Mbps	10.4	INA	24.3	21.7
Upload Throughput in	2.0	NA	6.5	11.4
Mbps	2.0	INA	0.5	11.4
Video streaming	0.74	NA NA	NA NA	0.46
delay in sec	0.74	INA	INA	0.40
Web browsing delay	2.87	NA	1.7	2.1
in second	2.01	INA	1.7	4. I
Latency in (msec)	70.55	NA	56	57

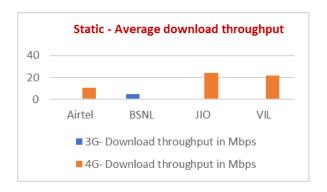
TSP (For 5G)	Airtel	BSNL	JIO	VIL
Download throughput in Mbps	NA	NA	NA	NA
Upload Throughput in Mbps	NA	NA	NA	NA
Video streaming delay in sec	NA	NA	NA	NA
Web browsing delay in second	NA	NA	NA	NA
Latency in (msec)	NA	NA	NA	NA

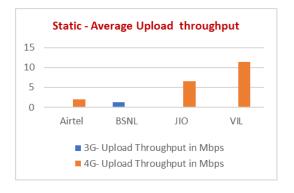
Data Services Static

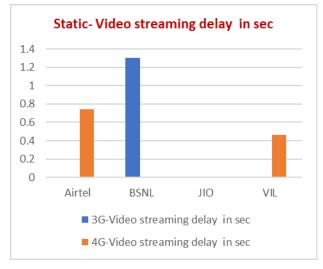
Key Observations

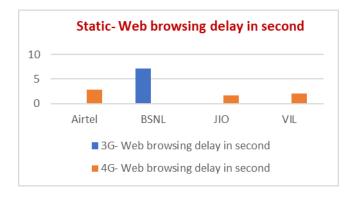
Data was tested at 6 locations .Following services were tested: Data Download/Upload, Latency (www.google.com), and Web browsing (Flipkart, Amazon, PayTm)

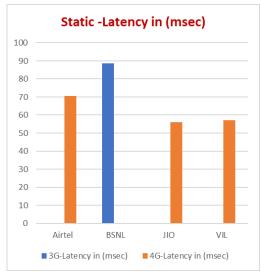
3G/4G/5G Network











1. Hotspot Location- Indore Railway station

	3 G			
	Airtel	BSNL	JIO	VIL
Download throughput in	NA	3.932	NA	NA
Mbps			INA	
Upload Throughput in	NA	1.423	NΙΛ	NA
Mbps			NA	
Video streaming delay in	NA	1.6	NΙΛ	NA
sec			NA	
Web browsing delay in	NA	5.565	N I A	NA
second			NA	
Latency in (msec)	NA	85	NA	NA

	LTE			
	Airtel	BSNL	JIO	VIL
Download throughput in	8.65	NA	22.24	40.8
Mbps	0.00		22.24	
Upload Throughput in	1.87	NA	13.45	10.21
Mbps	1.07		15.45	
Video streaming delay in	0.73	NA		0.41
sec	0.73			
Web browsing delay in	2.02	NA	1.70	2.3
second	2.93		1.76	
Latency in (msec)	76.77	NA	55	46

	5G			
	Airtel	BSNL	JIO	VIL
Download throughput in	114.09	NA	NA	NA
Mbps				
Upload Throughput in	19.05	NA	NA	NA
Mbps				
Video streaming delay in	NA	NA	NA	NA
sec				
Web browsing delay in	NA	NA	NA	NA
second				
Latency in (msec)	NA	NA	NA	NA

2. Hotspot Location- Indore Airport

	3G			
	Airtel	BSNL	JIO	VIL
Download throughput in	NA	6.629	NA	NA
Mbps				
Upload Throughput in	NA	1.05	NA	NA
Mbps				
Video streaming delay in	NA	1.53	NA	NA
sec				
Web browsing delay in	NA	6.83	NA	NA
second				
Latency in (msec)	NA	61	NA	NA

	LTE			
	Airtel	BSNL	JIO	VIL
Download throughput in	11.09	NA	36.29	7.22
Mbps	11.09	INA	30.29	1.22
Upload Throughput in	1.65	NA	6.78	7.09
Mbps	1.05	INA	0.78	7.09
Video streaming delay in	0.77	NA		0.06
sec	0.77	INA		0.00
Web browsing delay in	2.86	NA	1 72	1.07
second	2.00	INA	1.73	1.97
Latency in (msec)	65.03	NA	47	56

	5G			
	Airtel	BSNL	JIO	VIL
Download throughput in	101.32	NA	NA	NA
Mbps	101.32	INA	INA	INA
Upload Throughput in	17.98	NA	NA	NA
Mbps	17.90	INA	INA	INA
Video streaming delay in	NA	NA	NA	NA
sec	INA	INA	INA	INA
Web browsing delay in	NA	NIA	NΙΛ	NA
second	INA	NA	NA	INA
Latency in (msec)	NA	NA	NA	NA

3. Hotspot Location- Rajwada

	3G			
	Airtel	BSNL	JIO	VIL
Download throughput in	NA	3.99	NA	NA
Mbps				
Upload Throughput in	NA	1.202	NA	NA
Mbps				
Video streaming delay in	NA	1.7	NA	NA
sec				
Web browsing delay in	NA	5.934	NA	NA
second				
Latency in (msec)	NA	98	NA	NA

	LTE			
	Airtel	BSNL	JIO	VIL
Download throughput in	14.97	NA	20.39	14.5
Mbps	14.97	INA	20.39	14.5
Upload Throughput in	2.87	NA	5.76	11.86
Mbps	2.07	INA	5.76	11.00
Video streaming delay in	0.88	NA NA	NA	0.02
sec	0.88	INA		0.02
Web browsing delay in	2.65	NA NA	2.04	2.1
second	2.00	INA	2.04	∠. I
Latency in (msec)	69.78	NA	52	30

	5G			
	Airtel	BSNL	JIO	VIL
Download throughput in	40.01	NA	NA	NA
Mbps	40.01	INA	INA	INA
Upload Throughput in	5.12	NA	NA	NA
Mbps	5.12	INA	INA	INA
Video streaming delay in	NA	NA	NA	NA
sec	INA	INA	INA	INA
Web browsing delay in	NA	NA	NIA .	NA
second	INA	INA	NA	INA
Latency in (msec)	NA	NA	NA	NA

4. Hotspot Location- Vijay Nagar Chouraha

	3G			
	Airtel	BSNL	JIO	VIL
Download throughput in	NA	4.79	NA	NA
Mbps				
Upload Throughput in	NA	0.74	NA	NA
Mbps				
Video streaming delay in	NA	1.1	NA	NA
sec				
Web browsing delay in	NA	8.76	NA	NA
second				
Latency in (msec)	NA	95	NA	NA

	LTE			
	Airtel	BSNL	JIO	VIL
Download throughput in Mbps	8.98	NA	31.16	22.05
Upload Throughput in Mbps	2.65	NA	5.25	13.88
Video streaming delay in sec	0.79	NA	NA	0.66
Web browsing delay in second	2.87	NA	1.97	2.3
Latency in (msec)	66.03	NA	51	85

	5G			
	Airtel	BSNL	JIO	VIL
Download throughput in	145.44	NA	NA	NA
Mbps	145.44	INA	INA	INA
Upload Throughput in	23.19	NA	NA	NA
Mbps	23.19	INA	INA	INA
Video streaming delay in	NA	NA	NA	NA
sec	INA	INA	INA	INA
Web browsing delay in	NA	NA	NIA	NA
second	INA	INA	NA	INA
Latency in (msec)	NA	NA	NA	NA

5. Hotspot Location- ISBT Indore (sarwate)

	3G			
	Airtel	BSNL	JIO	VIL
Download throughput in	NA	5.408	NA	NA
Mbps				
Upload Throughput in	NA	1.62	NA	NA
Mbps				
Video streaming delay in	NA	1.3	NA	NA
sec				
Web browsing delay in	NA	7.322	NA	NA
second				
Latency in (msec)	NA	97	NA	NA

	LTE			
	Airtel	BSNL	JIO	VIL
Download throughput in Mbps	10.76	NA	16.09	10.1
Upload Throughput in Mbps	1.30	NA	5.32	10.24
Video streaming delay in sec	0.68	NA	NA	1.02
Web browsing delay in second	3.13	NA	1.43	2.5
Latency in (msec)	74.56	NA	48	43

	5G			
	Airtel	BSNL	JIO	VIL
Download throughput in	140.44	NA	NA	NA
Mbps	140.44	INA	INA	INA
Upload Throughput in	21.32	NA	NA	NA
Mbps	21.32	INA	INA	INA
Video streaming delay in	NA	NA	NA	NA
sec	INA	INA	INA	INA
Web browsing delay in	NA NA	NIA	NΙΛ	NA
second	INA	NA	NA	INA
Latency in (msec)	NA	NA	NA	NA

6. Hotspot Location Shri Ganesh Mandir Khajrana

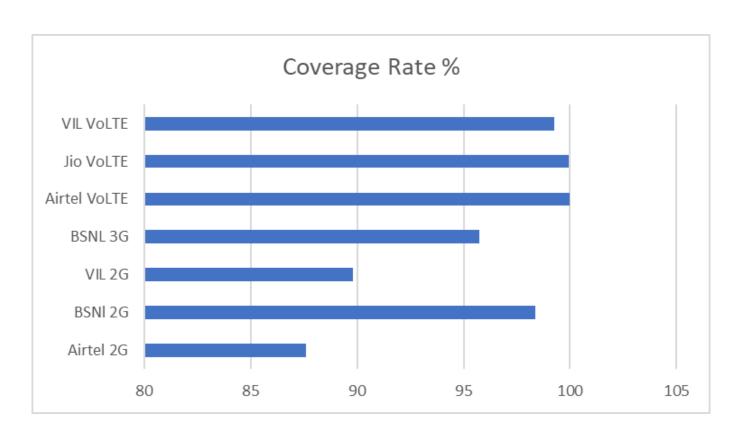
	3G			
	Airtel	BSNL	JIO	VIL
Download throughput in	NA	4.49	NA	NA
Mbps				
Upload Throughput in	NA	1.63	NA	NA
Mbps				
Video streaming delay in	NA	1.9	NA	NA
sec				
Web browsing delay in	NA	7.58	NA	NA
second				
Latency in (msec)	NA	96	NA	NA

	LTE			
	Airtel	BSNL	JIO	VIL
Download throughput in	7.98	NA	19.58	35.8
Mbps	7.90	INA	19.36	55. 6
Upload Throughput in	1.57	NA	8.18	15.58
Mbps	1.57	INA	0.10	15.56
Video streaming delay in	0.58	NA	NA	0.63
sec	0.56	INA		0.03
Web browsing delay in	2.76	NA	1 55	1 0
second	2.70	INA	1.55	1.8
Latency in (msec)	71.08	NA	56	85

	5G			
	Airtel	BSNL	JIO	VIL
Download throughput in	125.76	NA	NA	NA
Mbps	125.76	INA	INA	INA
Upload Throughput in	17.6	NA	NA	NA
Mbps	17.0	INA	INA	INA
Video streaming delay in	NA NA	NA	NA	NA
sec	INA	INA	INA	INA
Web browsing delay in	NA NA	NA	NA	NA
second	INA	INA	INA	INA
Latency in (msec)	NA	NA	NA	NA

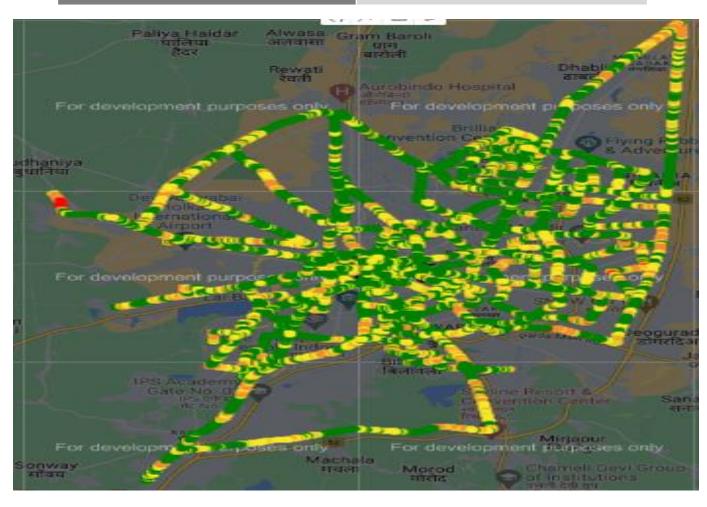
RF Coverage relates to the geographical footprint within the system that has sufficient RF sigl strength to provide for a call session. The Coverage rate is calculated on the basis of % of samples in which the Rx level \geq -85 dBm, RSCP is \geq -90 dBm & RSRP \geq -110dBm. The details are as follows.

TSP	Coverage Rate %
Airtel 2G	87.61
BSNI 2G	98.38
VIL 2G	89.8
BSNL 3G	95.73
Airtel VoLTE	99.97
Jio VoLTE	99.94
VIL VoLTE	99.28



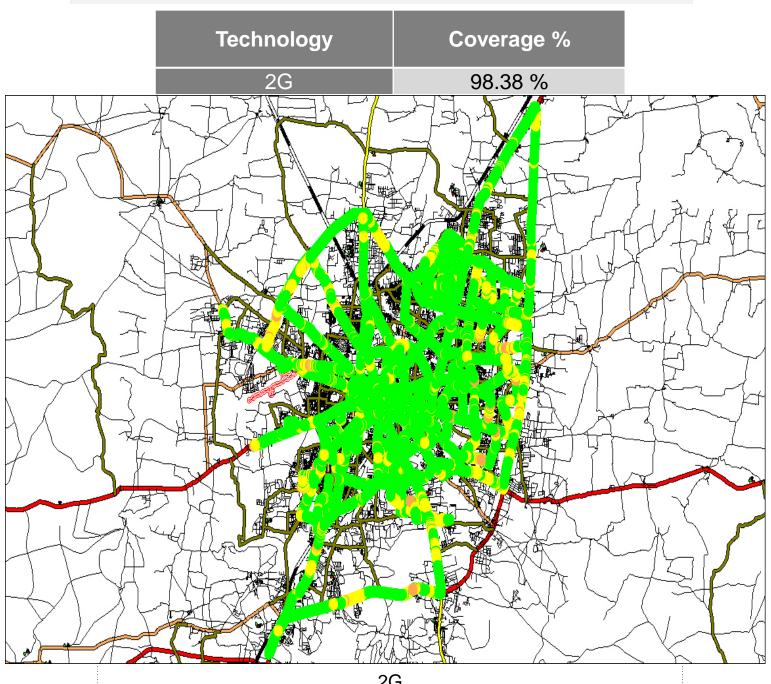
TSP- Airtel

Technology	Coverage %
2G	87.61



Color	Range	Count	Per
	[Min 10 -95]	(49)	(0.11%)
	[-95 to -85)	(5494)	[12.28%]
	[-85ro -75)	(12783)	(28.56%)
	[-75,Max]	(26431)	(59.05%)

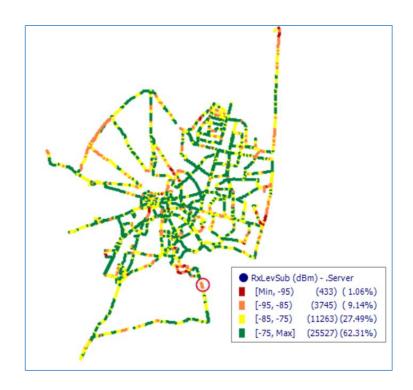
TSP-BSNL



2G			
Overall RxLevel	# Samples	% PDF	Legends
[Max, >=-75]	5139495	85.79%	
[-75, >=-85)	753987	12.59%	
[-85, >=-95)	95006	1.59%	
[-95, >=Min)	2209	0.04%	
Total	5990697		

TSP-.....VIL 2G

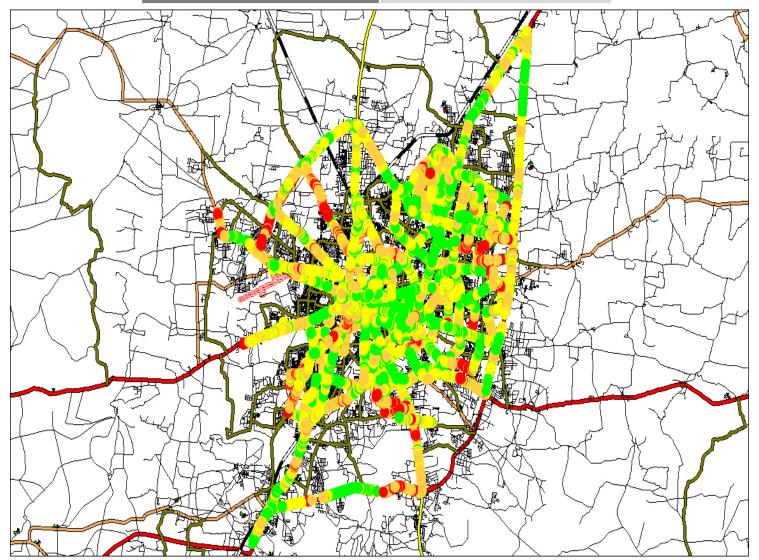
Technology	Coverage %
2G	89.8%



2G			
Overall RxLevel	# Samples	% PDF	Legends
[Max, >=-75]	25527	62.31%	
[-75, >=-85)	11263	27.49%	
[-85, >=-95)	3745	9.14	
[-95, >=Min)	433	1.06	
Total	41013	100%	

TSP-BSNL

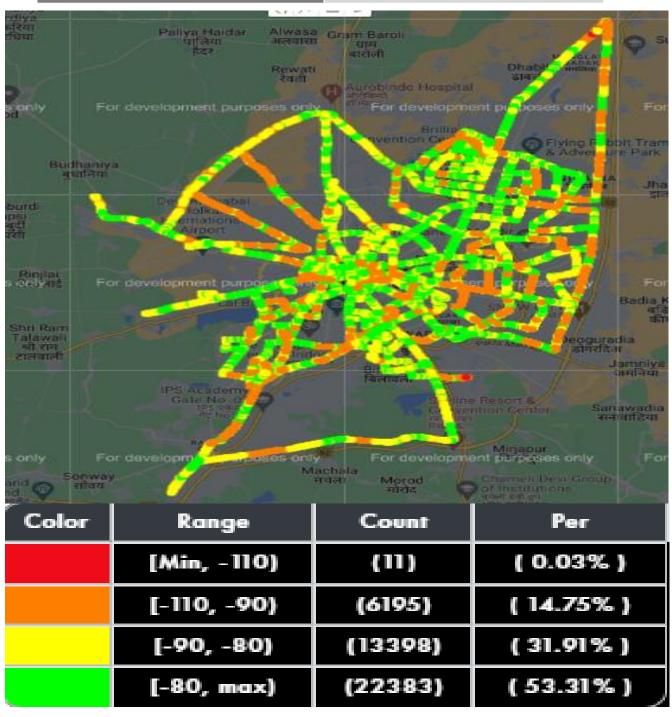
Technology	Coverage %
3G	95.73 %



3G			
Overall RSCP	# Samples	% PDF	Legends
[Max, >=-70]	1098818	33.08%	
[-70, >=-80)	1299663	39.13%	
[-80, >=-90)	780961	23.51%	
[-90, >=Min)	141860	4.27%	
Total	3321302		

TSP- Airtel





TSP- Jio

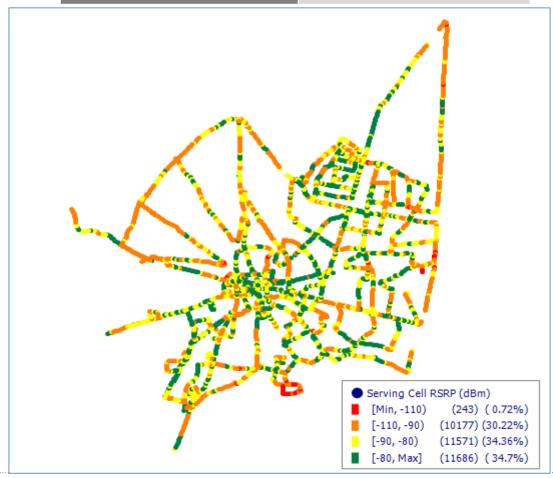
Technology	Coverage %
VoLTE	99.94



	VoLTE				
Overall RSRP	# Samples	% PDF	Legends		
[Max, >=-80]	49613	68.6			
[-80, >=-90)	16497	22.8			
[-90, >=-110)	6143	8.5			
[-110, >=Min)	42	0.1			
Total	72295	100.0			

TSP-...VIL

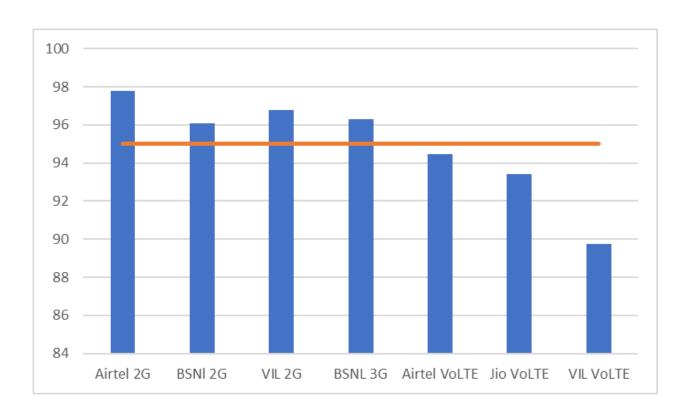
Technology	Coverage %
VoLTE	99.28



VoLTE			
Overall RSRP	# Samples	% PDF	Legends
[Max, >=-80]	11686	34.7	
[-80, >=-90)	11571	34.36	
[-90, >=-110)	10177	30.22	
[-110, >=Min)	243	0.72	
Total	33677	100	

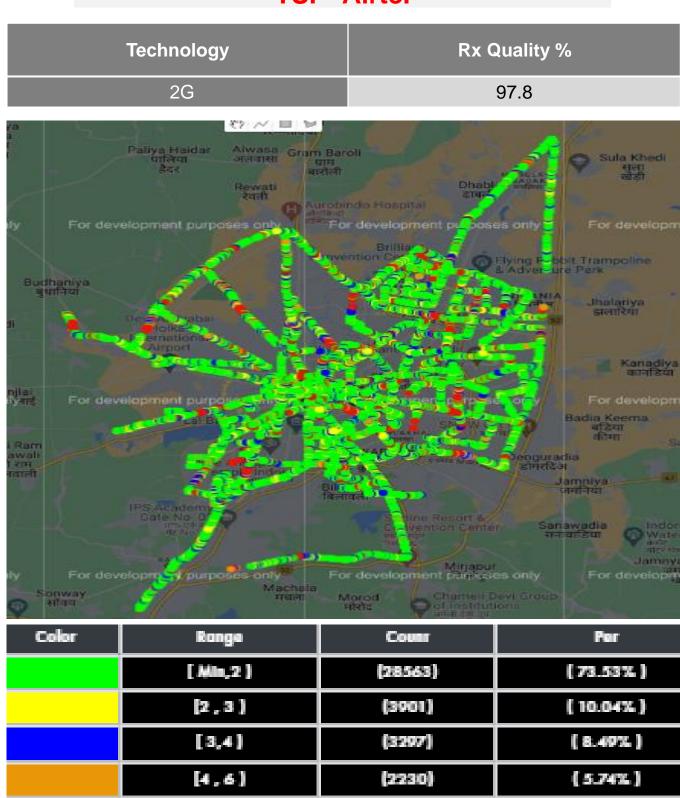
For measuring voice quality, as per the QoS norms, RxQual <=5 for GSM TSPs, EcNo >= -14 dBm for 3G TSP sand SINR >0 in case of VoLTE is considered to be good, where as quality beyond this benchmark is considered to be bad. The benchmark should usually be \geq 95%.

TSP	Rx Quality %
Airtel 2G	97.8
BSNI 2G	96.09
VIL 2G	96.8
BSNL 3G	96.32
Airtel VoLTE	94.46
Jio VoLTE	93.4
VIL VoLTE	89.74



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 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- Airtel



(1819)

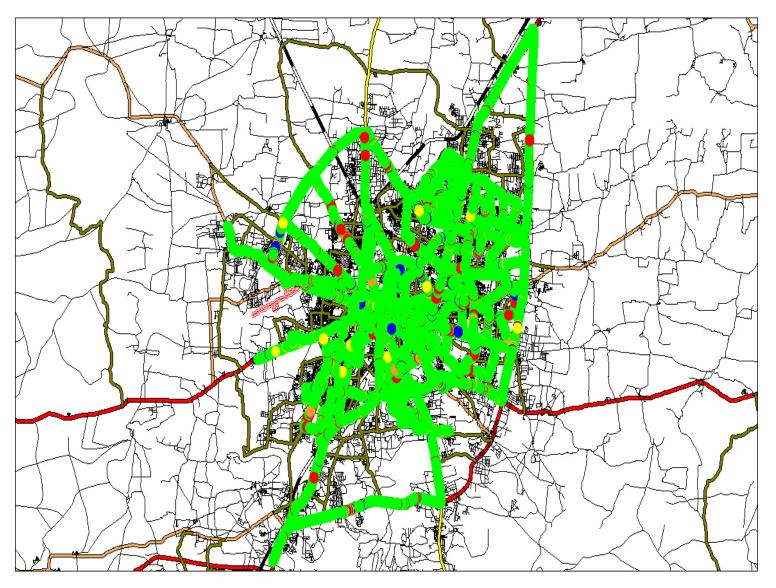
(4.17%)

[6, Max)

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 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-BSNL

Technology	Rx Quality %
2G	96.09 %

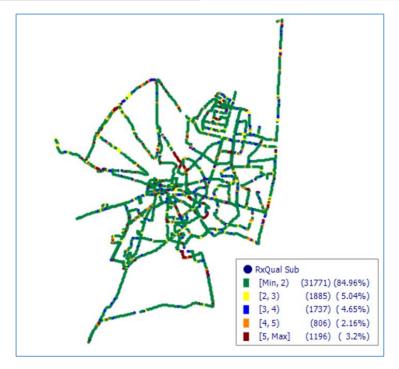


Overall Rx Quality	# Samples	% PDF	Legends
(Min, <=2)	5564734	91.65%	
(2, <=3)	90147	1.48%	
(3 , <=4)	88845	1.46%	
(4 , <=5)	90139	1.48%	
(5 , <=Max)	237528	3.91%	
Total	6071393		

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 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-...VIL 2G.....

Technology	Rx Quality %
2G	96.8%

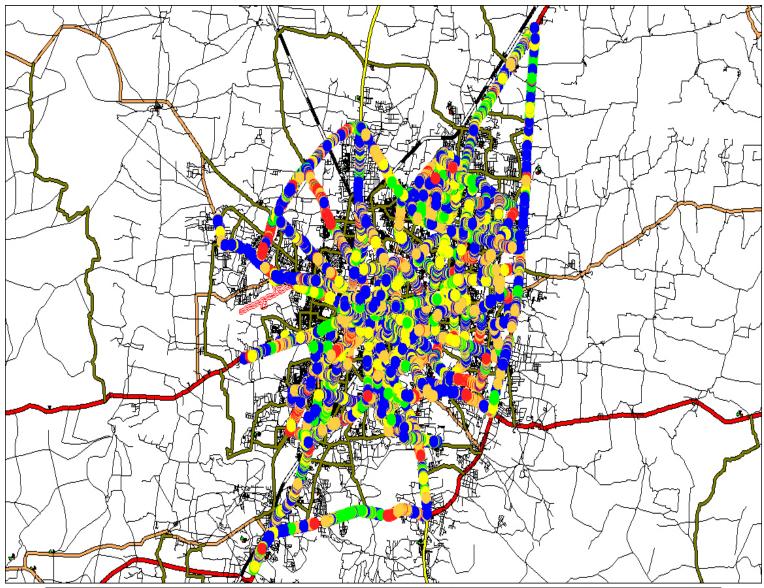


Overall Rx Quality	# Samples	% PDF	Legends
(Min, <=2)	31771	84.96%	
(2, <=3)	1885	5.04%	
(3 , <=4)	1737	4.65%	
(4 , <=5)	806	2.16%	
(5 , <=Max)	1196	3.2%	
Total	37395	100%	

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 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-BSNL

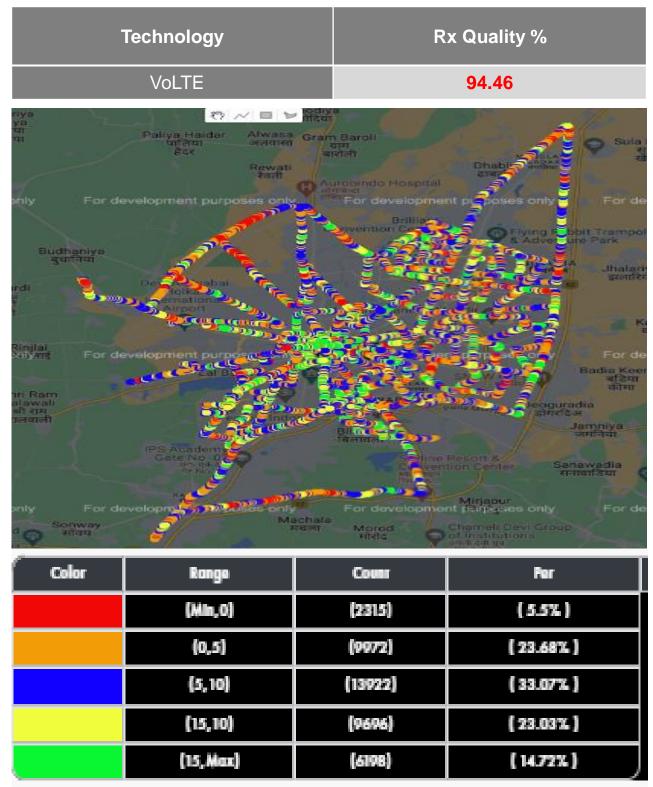
Technology	Rx Quality %
3G	96.32%



Overall Ec/No	# Samples	% PDF	Legends
(Max, <=-6)	391237	11.76%	
(-6, <=-9)	1103615	33.18%	
(-9, <=-11)	1153295	34.68%	
(-11, <=-14)	555230	16.69%	
(-14, <= Min)	122471	3.68%	
Total	3325848		

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 VoLTE is considered to be good, where as quality beyond this benchmark is considered to be bad. The benchmark should usually be \geq 95%.

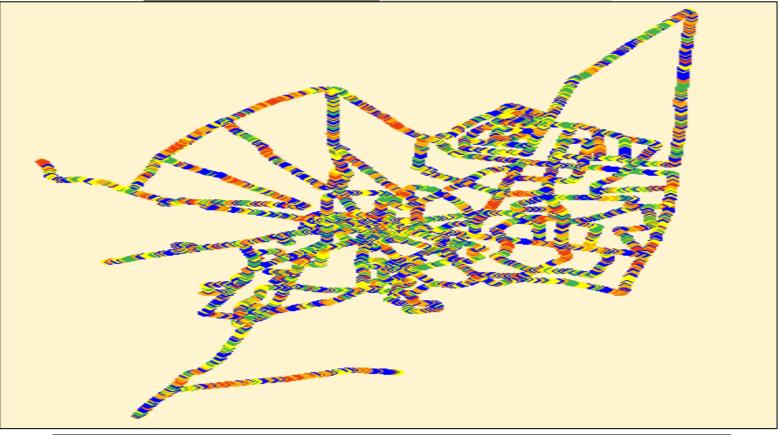
TSP- Airtel



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 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-Jio

Technology	Rx Quality %
VoLTE	93.4%

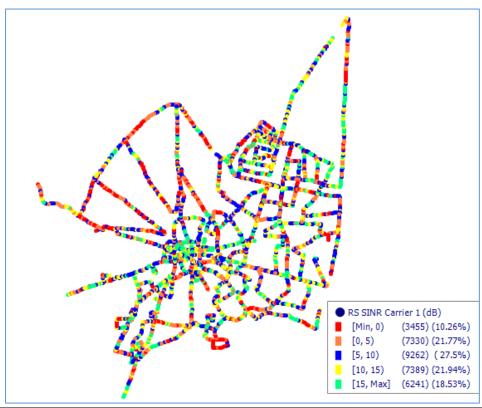


Overall SINR	# Samples	% PDF	Legends
(Min, <=0)	4771	6.6	
(0, <=5)	16081	22.2	
(5, <=10)	22374	30.9	
(10, <=15)	16812	23.3	
(15, <=Max)	12257	17.0	
Total	72295	100.0	

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 VoLTE is considered to be good, where as quality beyond this benchmark is considered to be bad. The benchmark should usually be \geq 95%.

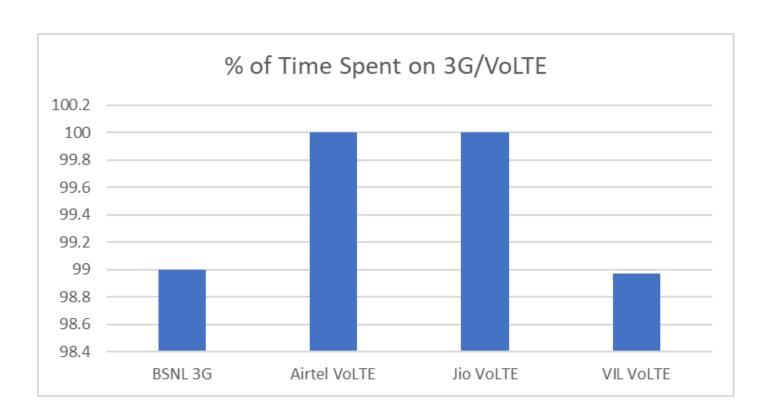
TSP-... VIL

Technology	Rx Quality %
VoLTE	89.74



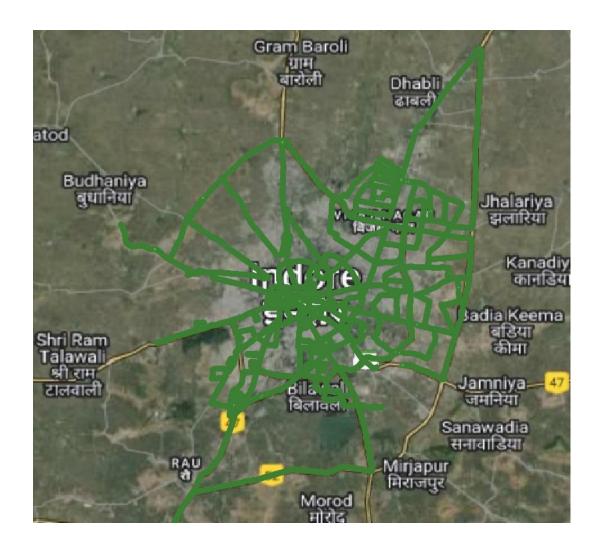
Overall SINR	# Samples	% PDF	Legends
(Min, <=0)	3455	10.26%	
(0, <=5)	7330	21.77%	
(5, <=10)	9262	27.5%	
(10, <=15)	7389	21.94%	
(15, <=Max)	6241	18.53%	
Total	33677	100%	

TSP	% of Time Spent on 3G/VoLTE
BSNL 3G	99
Airtel VoLTE	100
Jio VoLTE	100
VIL VoLTE	98.97



TSP- Airtel

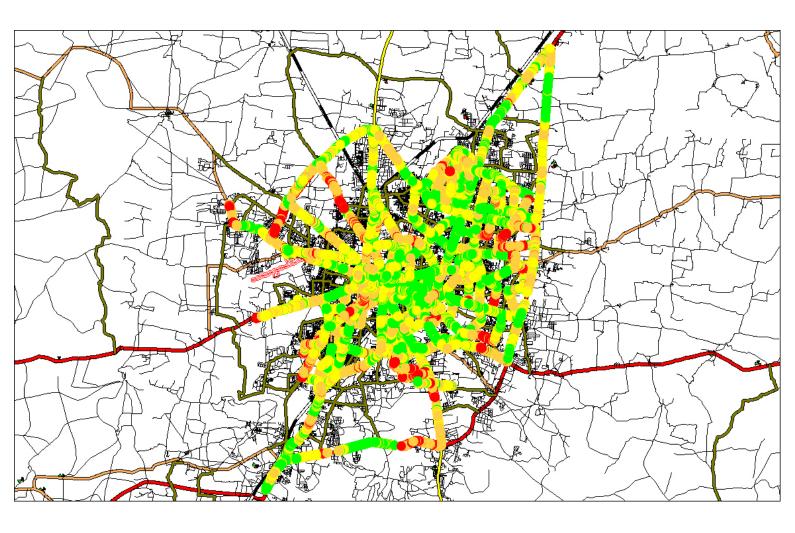
Technology	% of Time Spent on
3G	
VoLTE	100%



TSP-BSNL

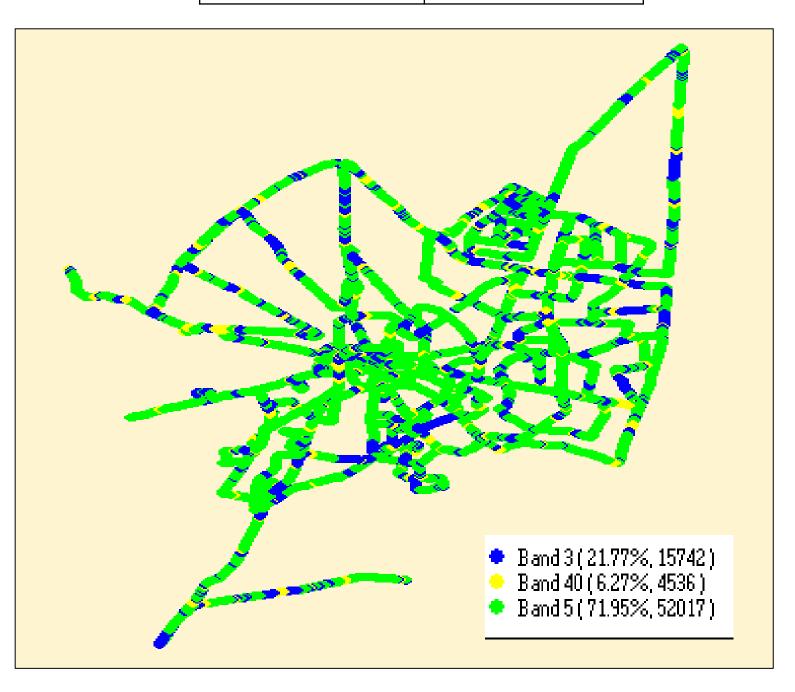
Technology	% of Time Spent on
3G	99.00%
VoLTE	NA

Indore City



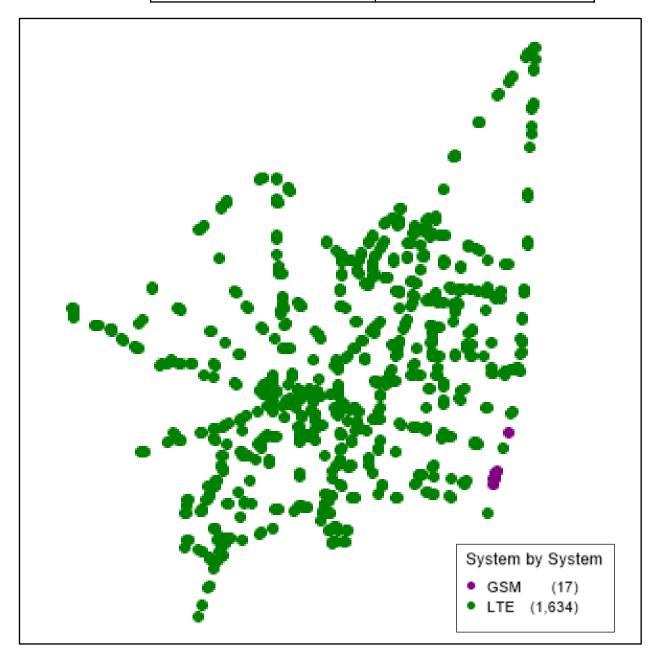
TSP-Jio

Technology	% of Time Spent on
3G	
VoLTE	100%



TSP-....VIL VOLTE..

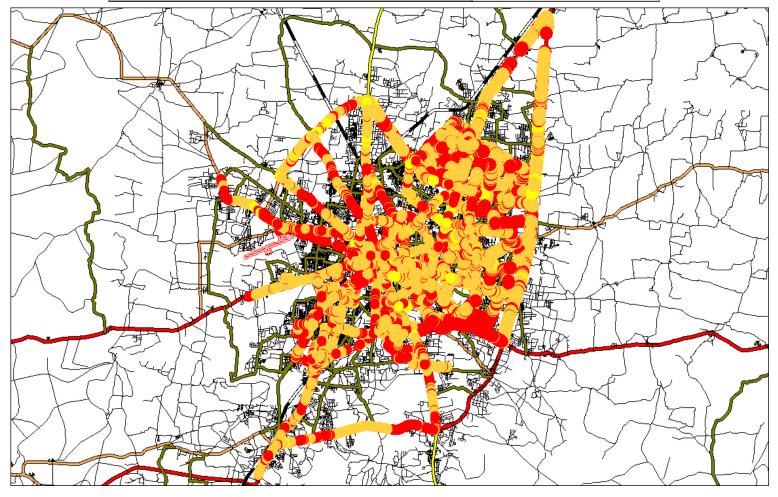
Technology	% of Time Spent on
Non Volte	1.03 %
VoLTE	98.97%



Dynamic Data Test

TSP-BSNL

Data KPIs - Overall	3G	
Download Throughput (Mbps)	2.52 Mbps	

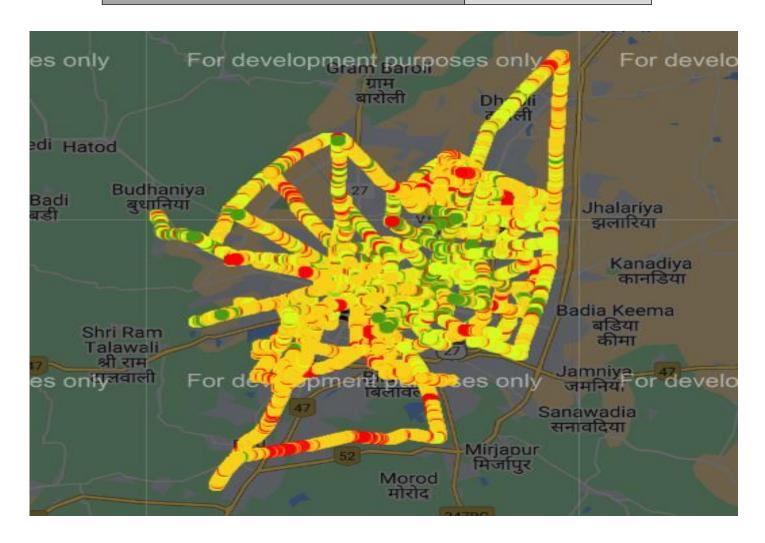


DL throughput	No of Sample	%	Legends
< 1 Mbps	1654892	27.42%	
1-5 Mbps	4068049	67.41%	
5-10 Mbps	304761	5.05%	
>10Mbps	7464	0.12%	

Dymic Data Test

TSP- Airtel

Data KPIs - Overall	LTE	
Download Throughput (Mbps)	5.37	

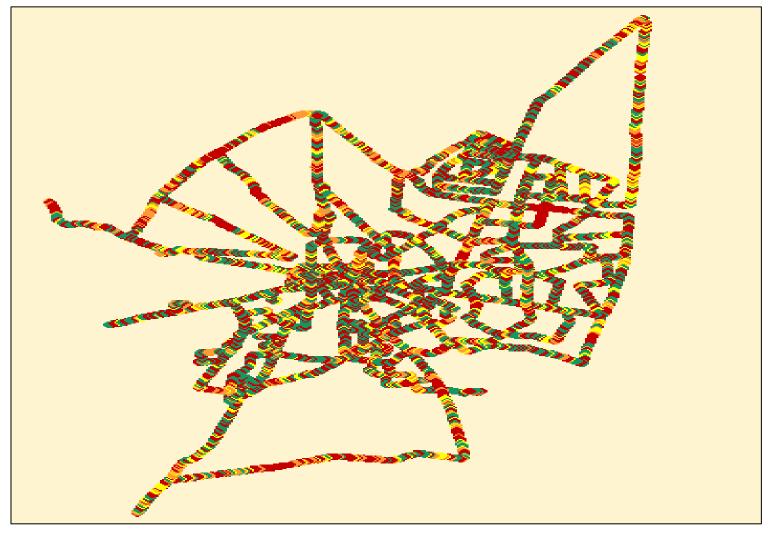


DL throughput	No of Sample	%	Legends
< 2Mbps	4517	11.43	
2-5 Mbps	20551	52	
5-10 Mbps	10682	27.03	
>10Mbps	3685	9.32	

Dynamic Data Test

TSP-Jio

Data KPIs - Overall	LTE	
Download Throughput (Mbps)	19.79	

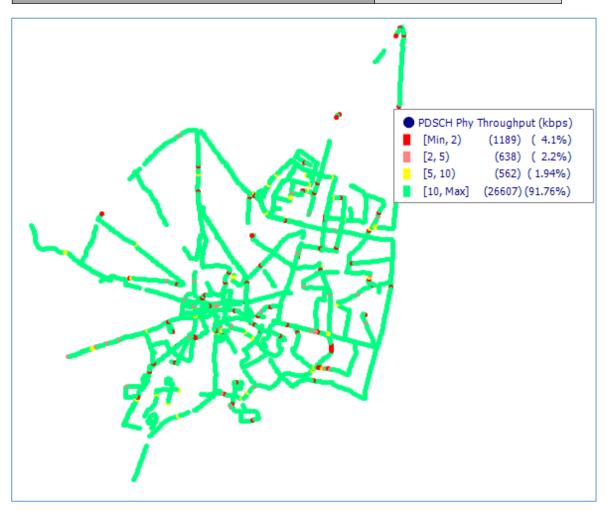


DL throughput	No of Sample	%	Legends
< 2Mbps	26648	37.65%	
2-5 Mbps	8922	12.61%	
5-10 Mbps	10755	15.19%	
>10Mbps	24455	34.55%	

Dynamic Data Test

TSP-...VIL

Data KPIs - Overall	LTE	
Download Throughput (Mbps)	14.27	



DL throughput	No of Sample	%	Legends
< 2Mbps	1189	4.1%	
2-5 Mbps	638	2.2%	
5-10 Mbps	562	1.94%	
>10Mbps	26607	91.76%	