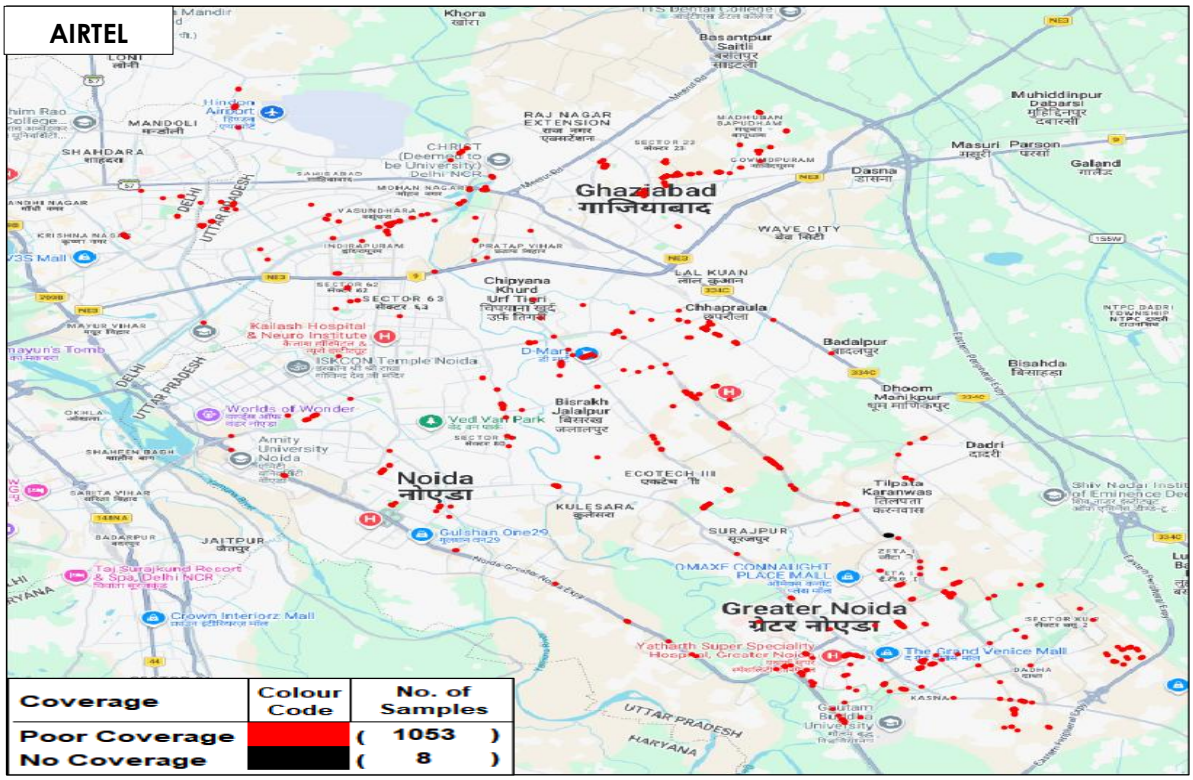
Annexure-I

1. City Drive: Ghaziabad, Noida and Greater Noida areas

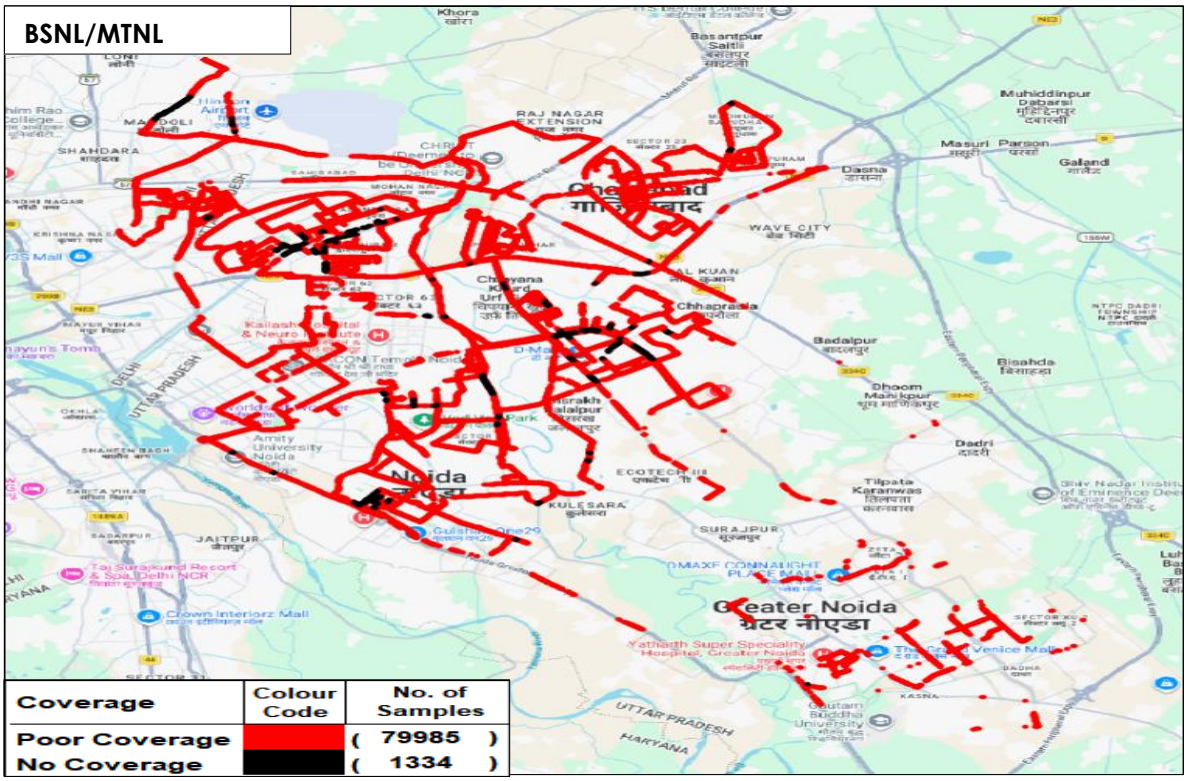
(a) Coverage Gap - The signal strength observed during voice testing on the drive test route in auto-selection mode (5G/4G/3G/2G).

Parameter	AIRTEL	BSNL/ MTNL	RJIL	VIL
Total Number of Samples captured on Drive test route	127346	121733	127212	132094
Number of Samples having poor signal strength	1053	79985	2146	1246
Number of Samples having limited service (No Coverage)	8	1334	0	0

Coverage Gap observed

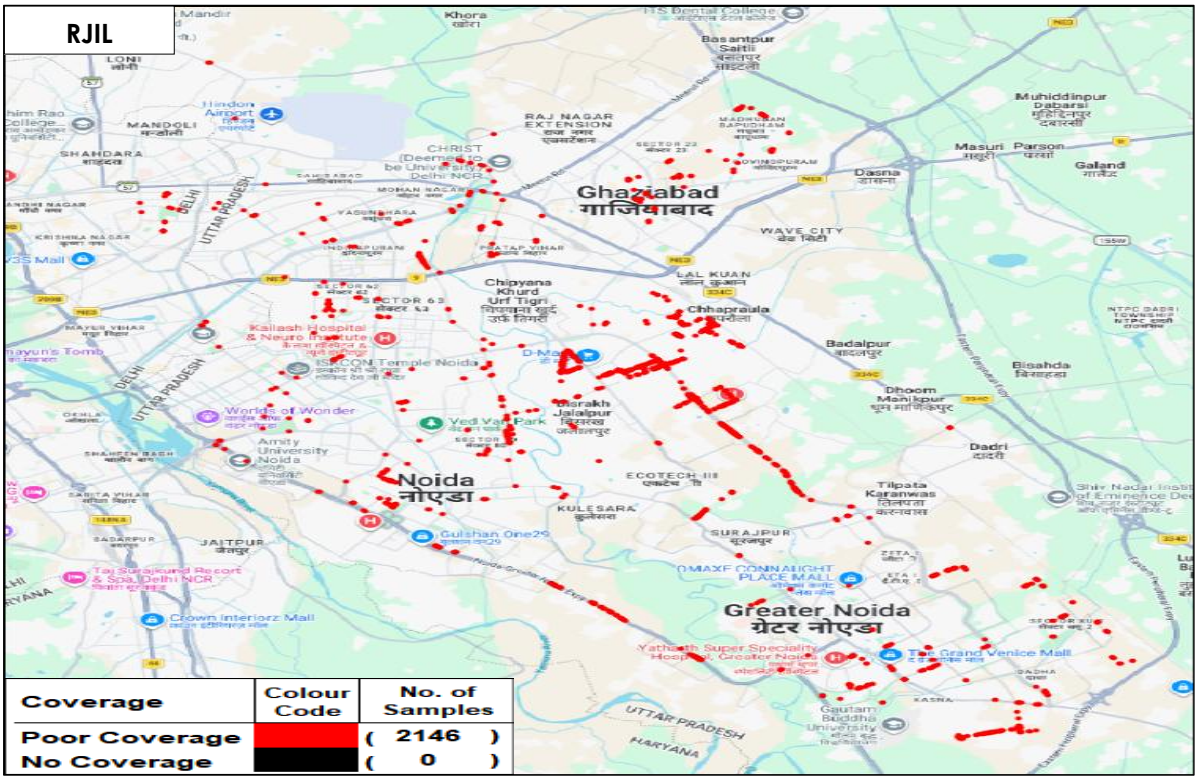


BSNL/MTNL

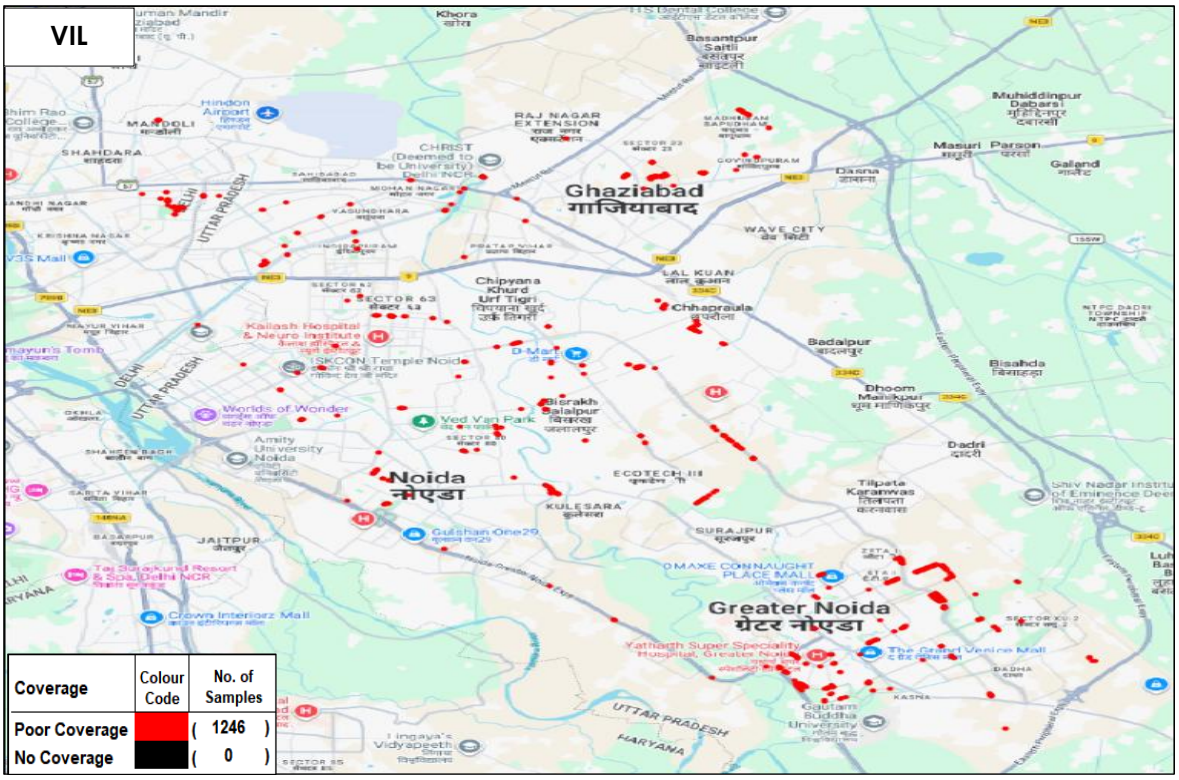


Coverage	Colour Code	No. of Samples
Poor Coverage		(79985)
No Coverage		(1334)

RJIL



Coverage	Colour Code	No. of Samples
Poor Coverage		(2146)
No Coverage		(0)

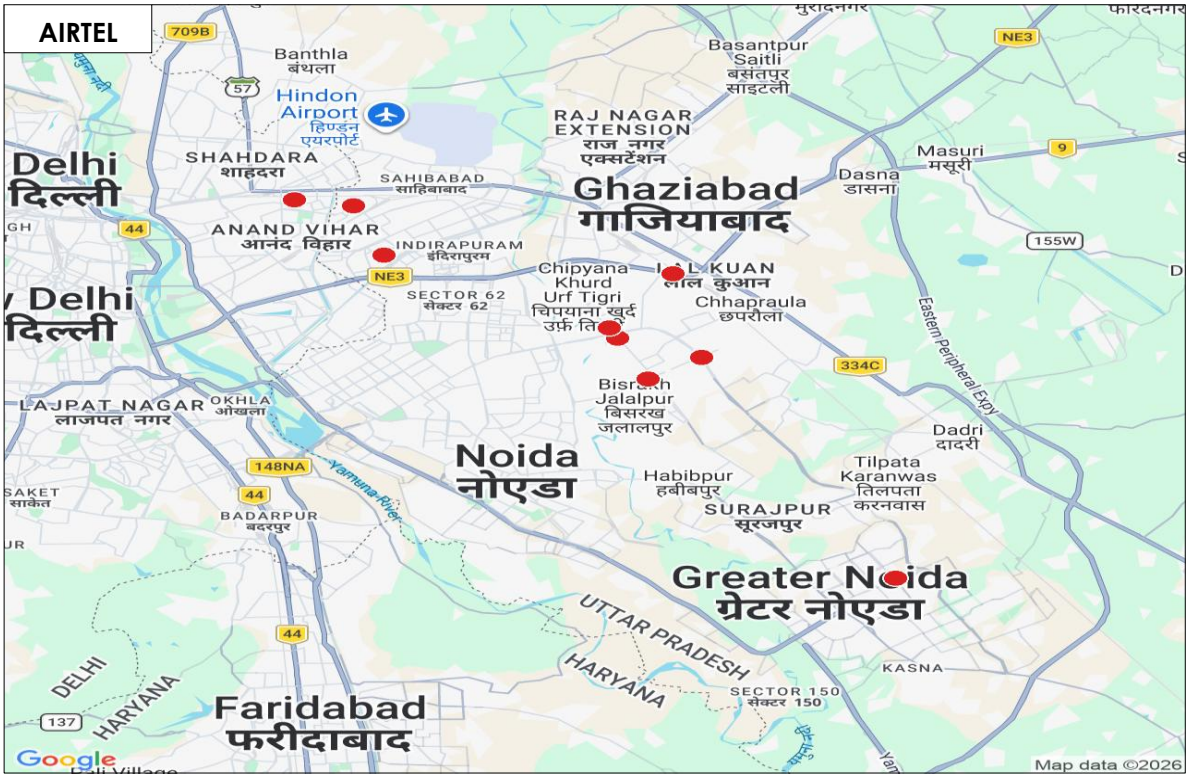


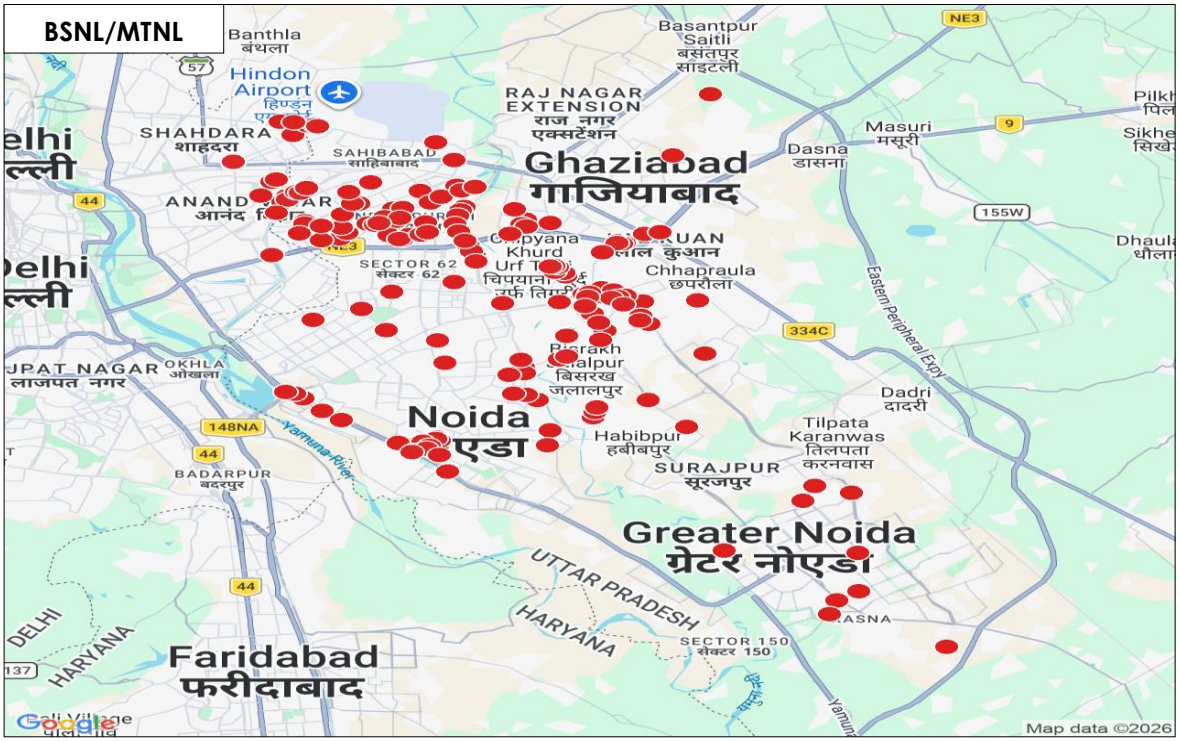
Note: *Plot is based on Dynamic Drive Test results only.*

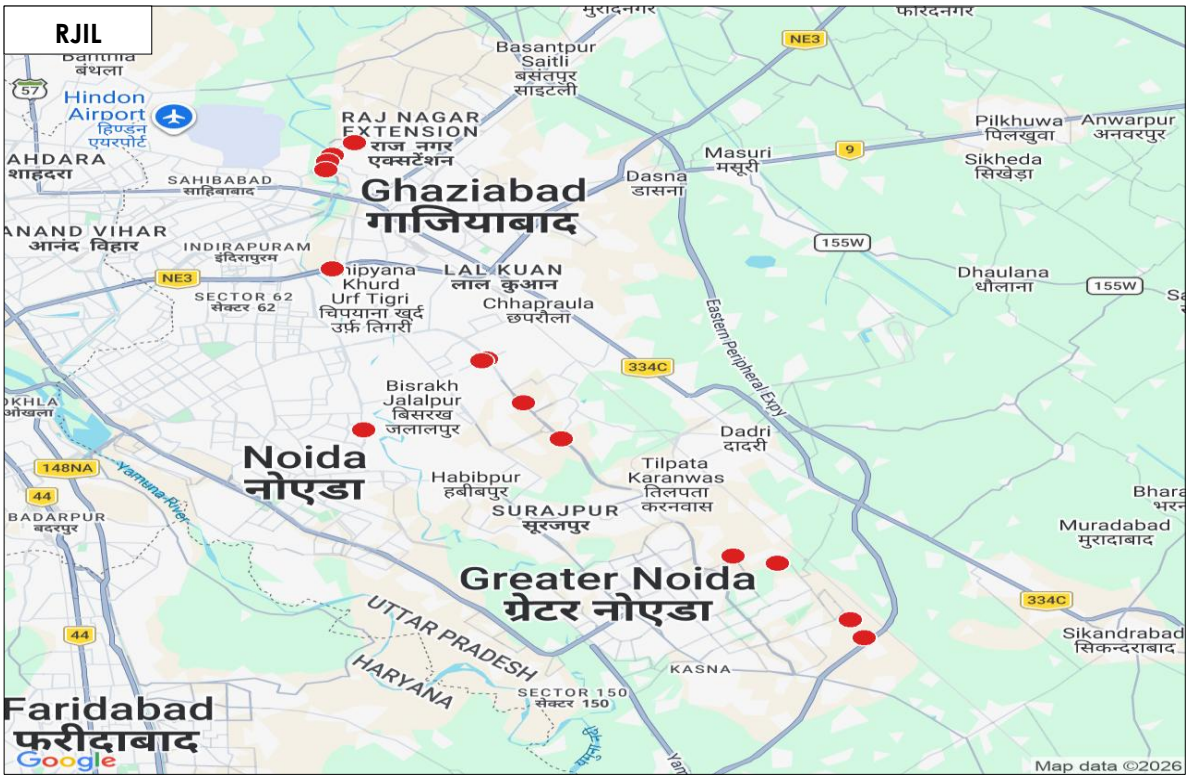
(b) Dropped Calls - The TSP-wise details of dropped calls in auto selection mode (5G/4G/3G/2G).

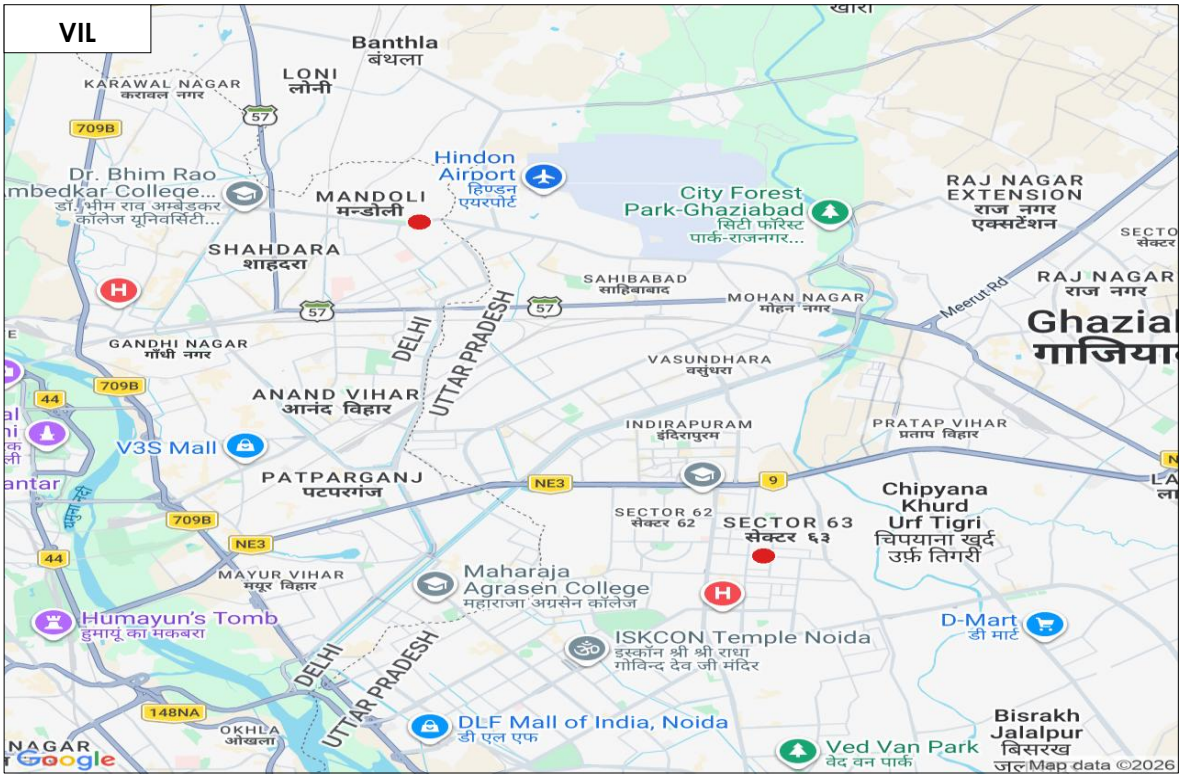
Parameter	AIRTEL	BSNL/ MTNL	RJIL	VIL
Number of successful Calls Established	1139	1071	1146	1158
Number of dropped Calls	9	173	14	2

Locations of Dropped Calls







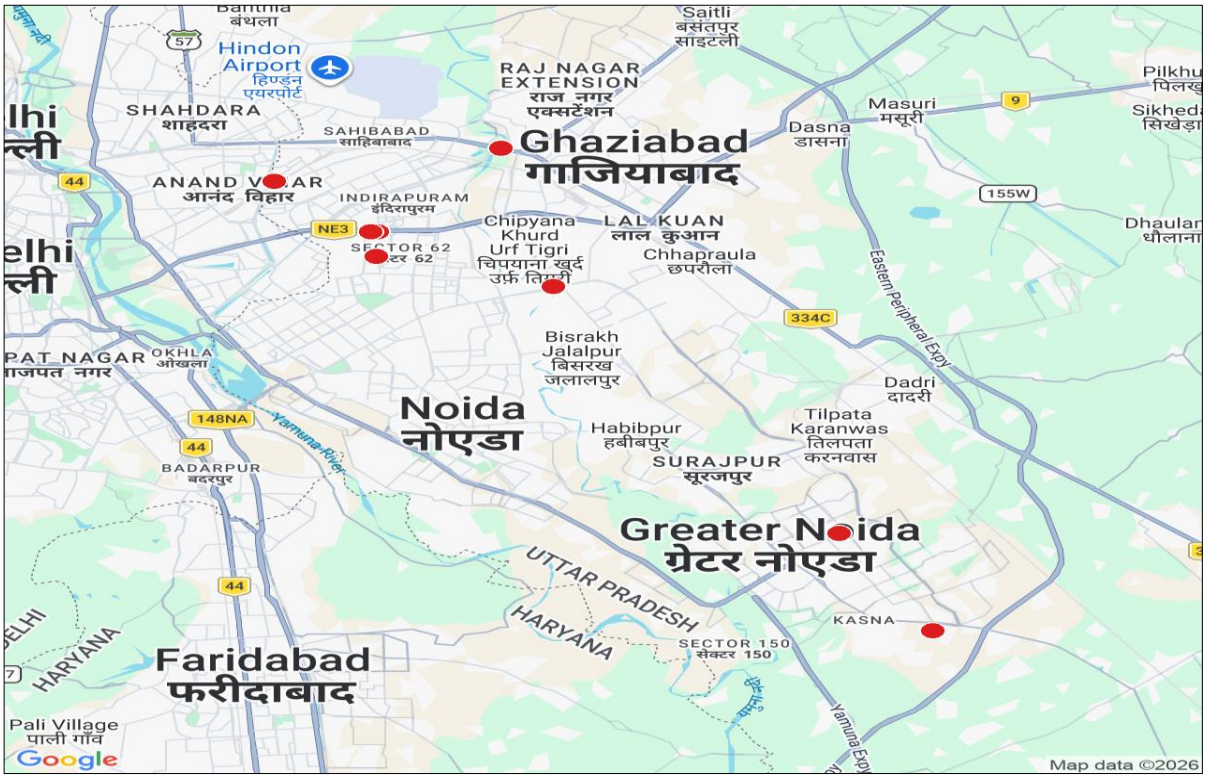


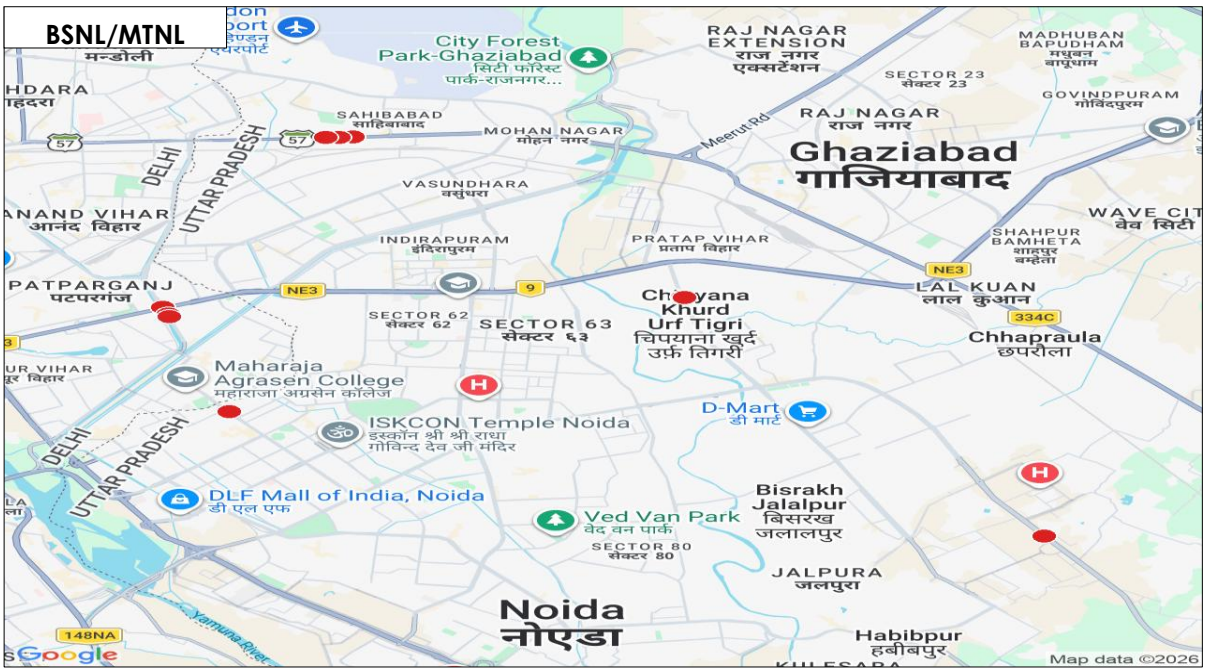
Note: *Dropped calls locations are shown in red colour, and which can be clicked to know the exact location (latitude and longitude) on the map.*

(c) Call Silence Instance - The TSP-wise details of Call silence instance in Auto-selection mode (5G/4G).

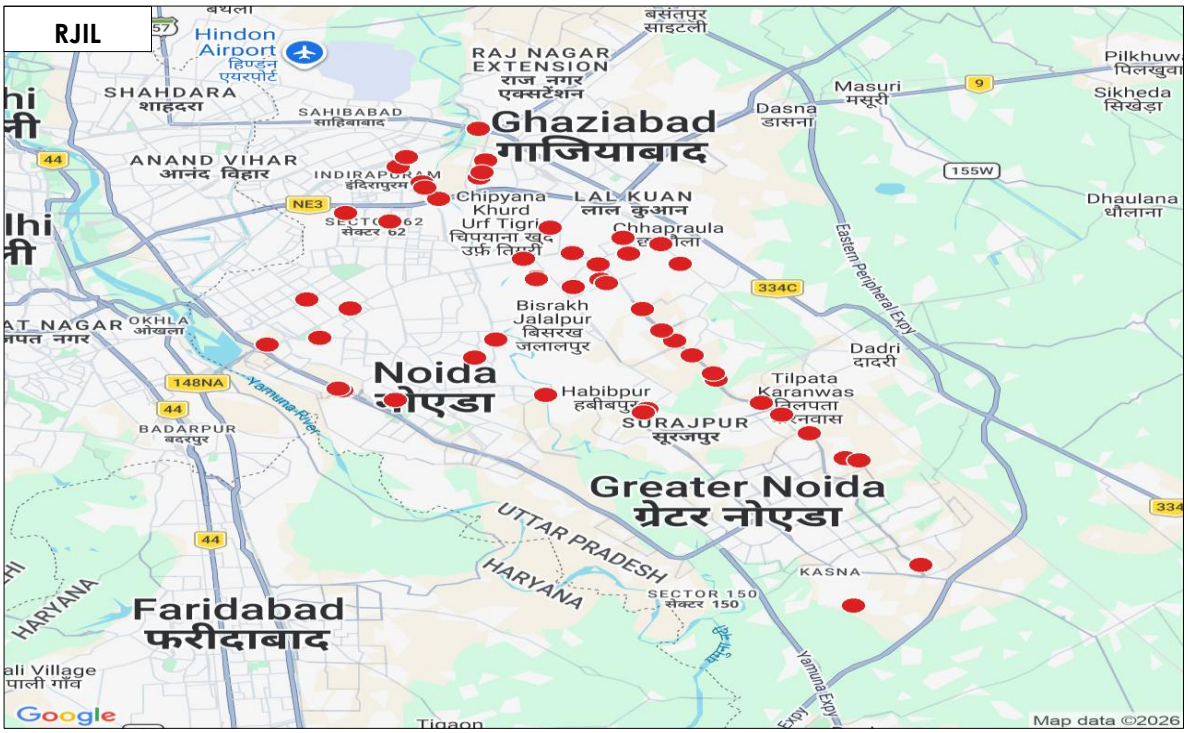
Parameter	AIRTEL	BSNL/ MTNL	RJIL	VIL
Call Established (within service provider network)	1086	878	1086	1107
Number of silences calls for >3 Sec	7	7	45	4
Total number of silence instances for >3 Sec	8	10	54	4

Locations of Call Silence Instance

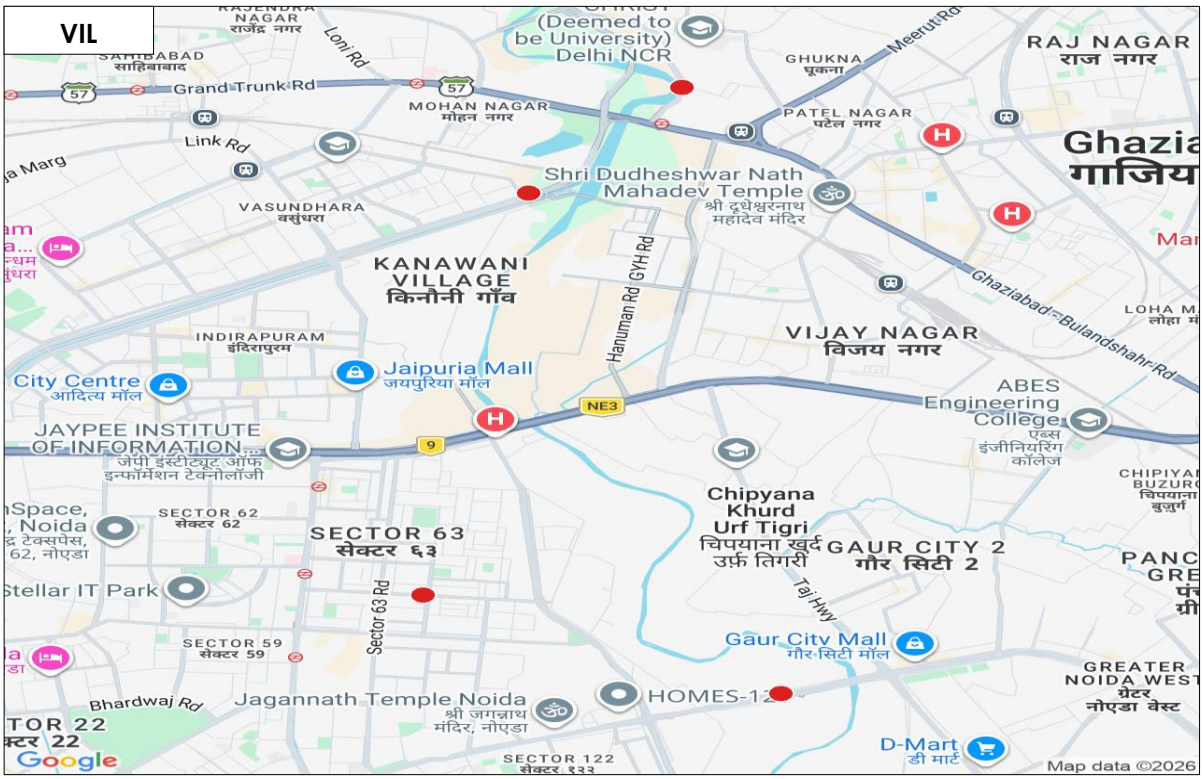




RJIL



VIL



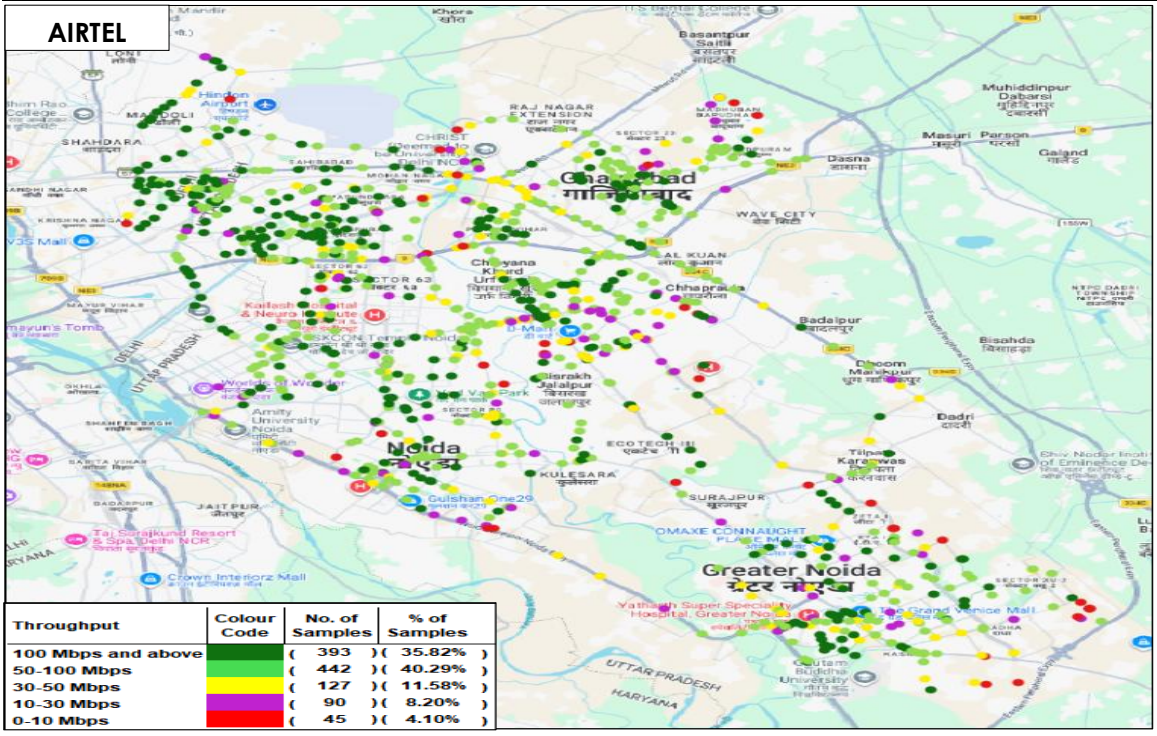
Note: *Call silence instances are shown in red colour, and which can be clicked to know the exact location (latitude and longitude) on the map.*

(d) Data Download and Upload Throughput:

(i) Data Download Throughput: The TSP-wise details of **Average Download (DL) throughput** against declared typical DL Throughput for month, in Auto-selection mode (5G/4G/3G/2G).

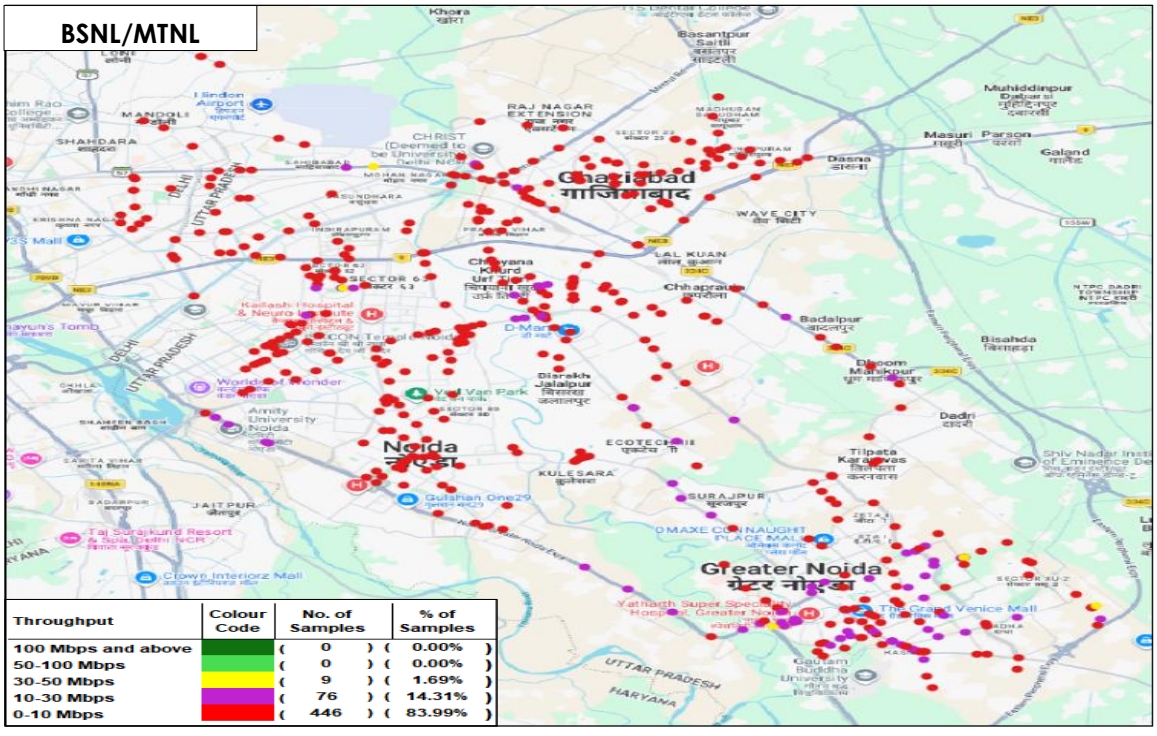
Parameter	Measured in	AIRTEL (upto 5G)	BSNL/ MTNL (upto 4G)	RJIL (upto 5G)	VIL (upto 5G)
Typical Download Throughput declared by TSP	(Mbits/s)	23.00	8.00	15.00	15.00
Average Download Throughput measured during IDT	(Mbits/s)	114.38	5.49	248.50	94.30

AIRTEL



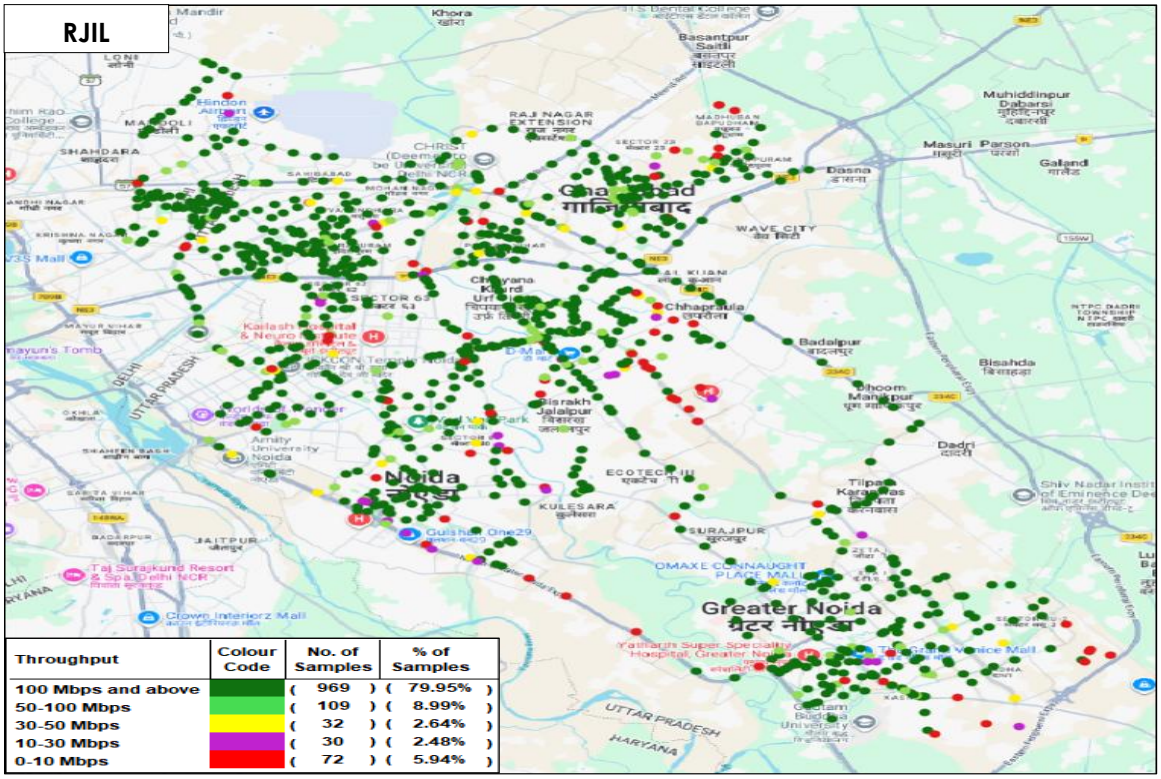
Throughput	Colour Code	No. of Samples	% of Samples
100 Mbps and above		393	35.82%
50-100 Mbps		442	40.29%
30-50 Mbps		127	11.58%
10-30 Mbps		90	8.20%
0-10 Mbps		45	4.10%

BSNL/MTNL



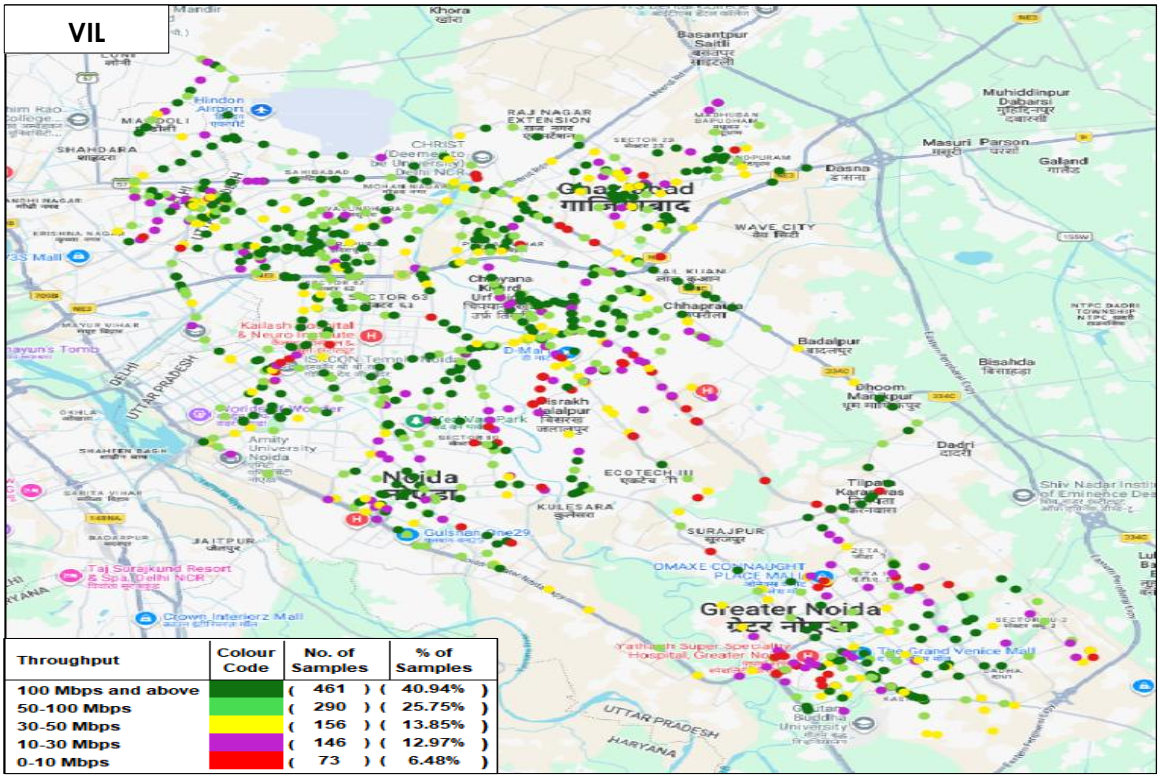
Throughput	Colour Code	No. of Samples	% of Samples
100 Mbps and above		0	0.00%
50-100 Mbps		0	0.00%
30-50 Mbps		9	1.69%
10-30 Mbps		76	14.31%
0-10 Mbps		446	83.99%

RJIL



Throughput	Colour Code	No. of Samples	% of Samples
100 Mbps and above		969	79.95%
50-100 Mbps		109	8.99%
30-50 Mbps		32	2.64%
10-30 Mbps		30	2.48%
0-10 Mbps		72	5.94%

VIL

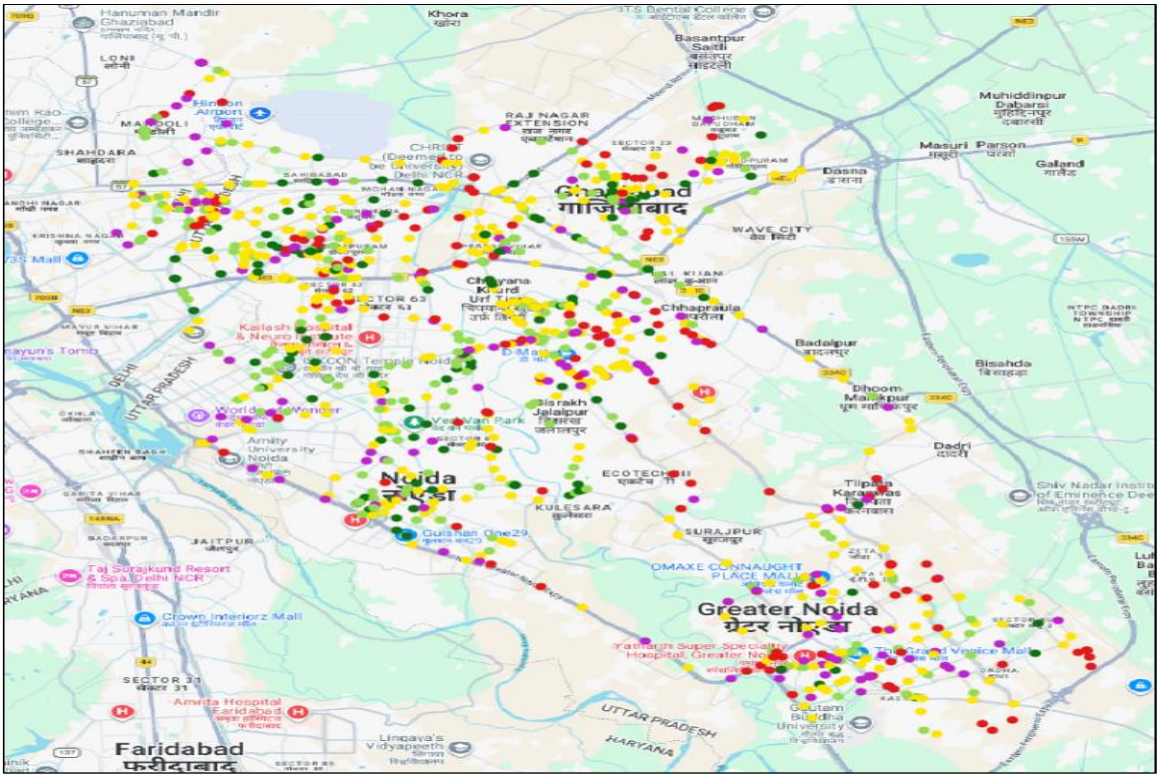


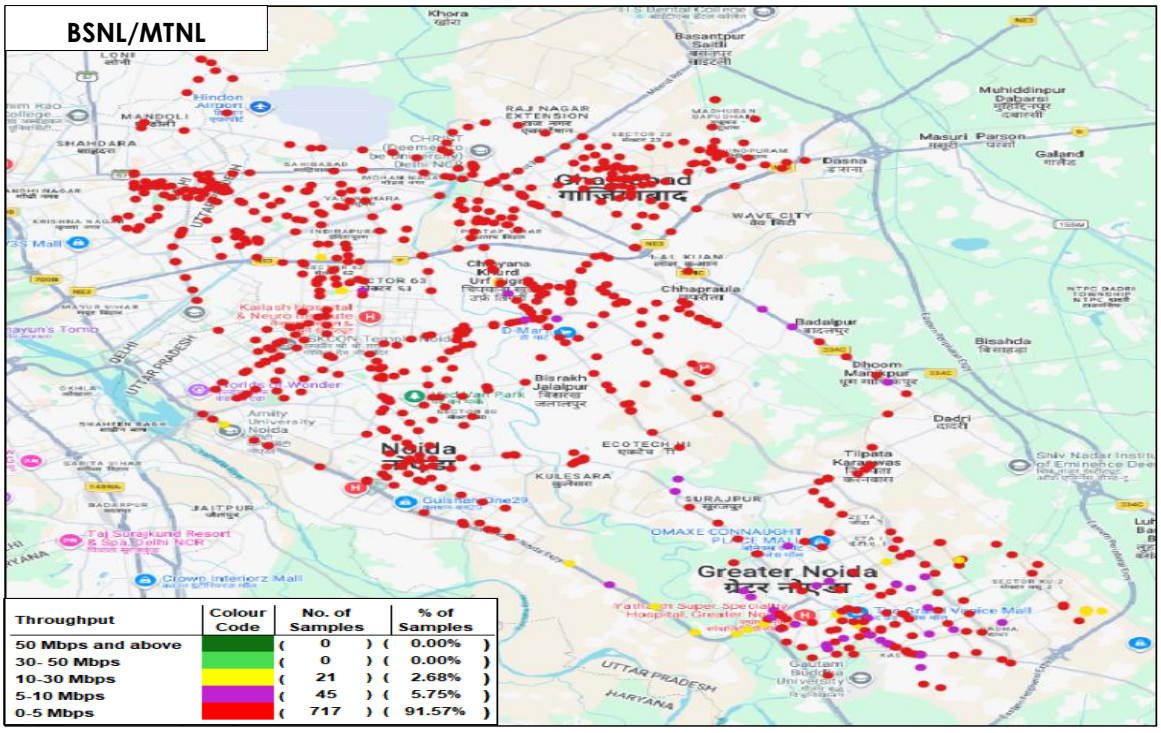
Throughput	Colour Code	No. of Samples	% of Samples
100 Mbps and above		461	40.94%
50-100 Mbps		290	25.75%
30-50 Mbps		156	13.85%
10-30 Mbps		146	12.97%
0-10 Mbps		73	6.48%

Note: *Plot is based on Dynamic Drive Test results only.*

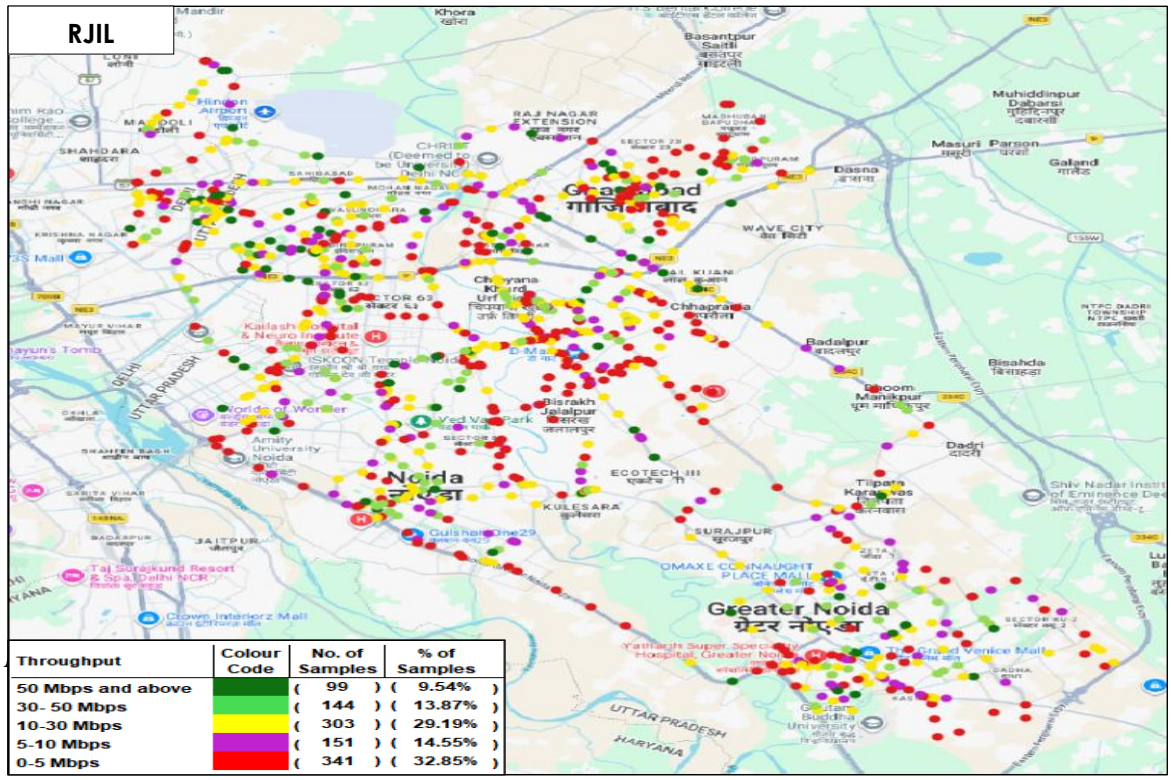
(ii) Data Upload Throughput: The TSP-wise details of **Average Upload (UL) throughput** against declared typical UL Throughput for month, in Auto-selection mode (5G/4G/3G/2G).

Parameter	Measured in	AIRTEL (upto 5G)	BSNL/ MTNL (upto 4G)	RJIL (upto 5G)	VIL (upto 5G)
Typical Upload Throughput declared by TSP	(Mbits/s)	10.00	1.00	7.00	8.00
Average Upload Throughput measured during IDT	(Mbits/s)	25.11	1.72	18.71	18.92



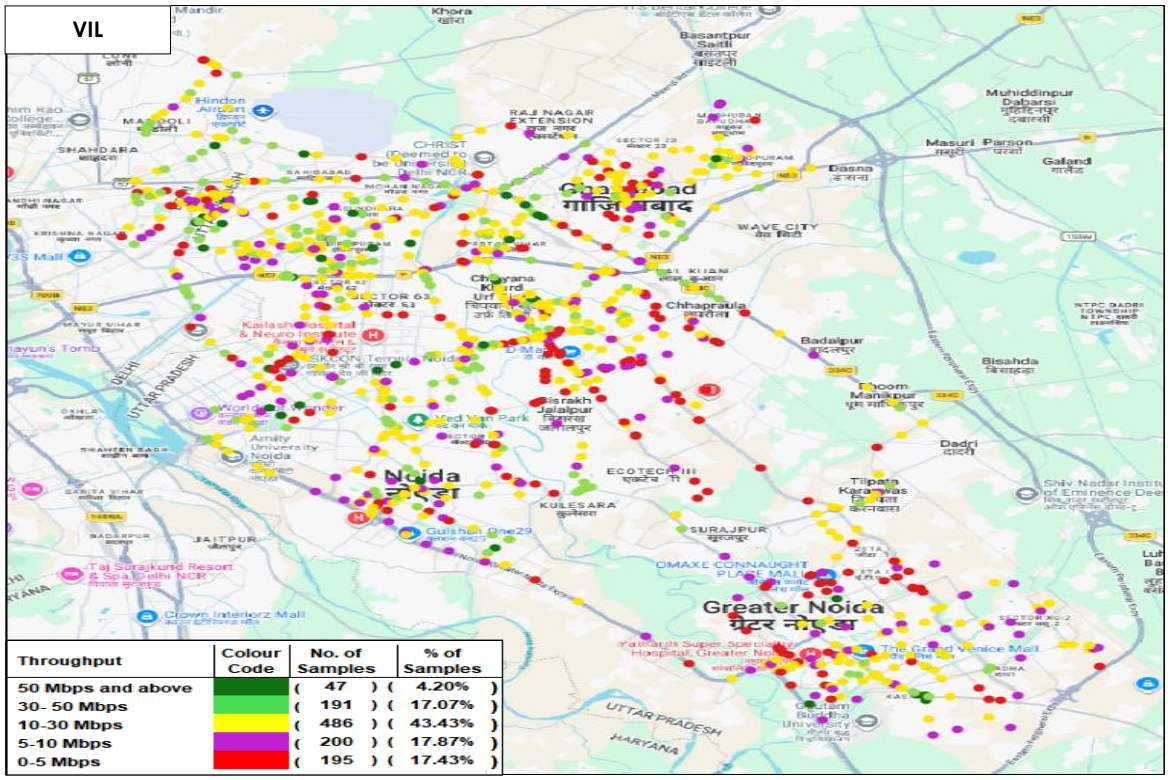


RJIL



Throughput	Colour Code	No. of Samples	% of Samples
50 Mbps and above		(99)	(9.54%)
30- 50 Mbps		(144)	(13.87%)
10-30 Mbps		(303)	(29.19%)
5-10 Mbps		(151)	(14.55%)
0-5 Mbps		(341)	(32.85%)

VIL



Throughput	Colour Code	No. of Samples	% of Samples
50 Mbps and above		(47)	(4.20%)
30- 50 Mbps		(191)	(17.07%)
10-30 Mbps		(486)	(43.43%)
5-10 Mbps		(200)	(17.87%)
0-5 Mbps		(195)	(17.43%)

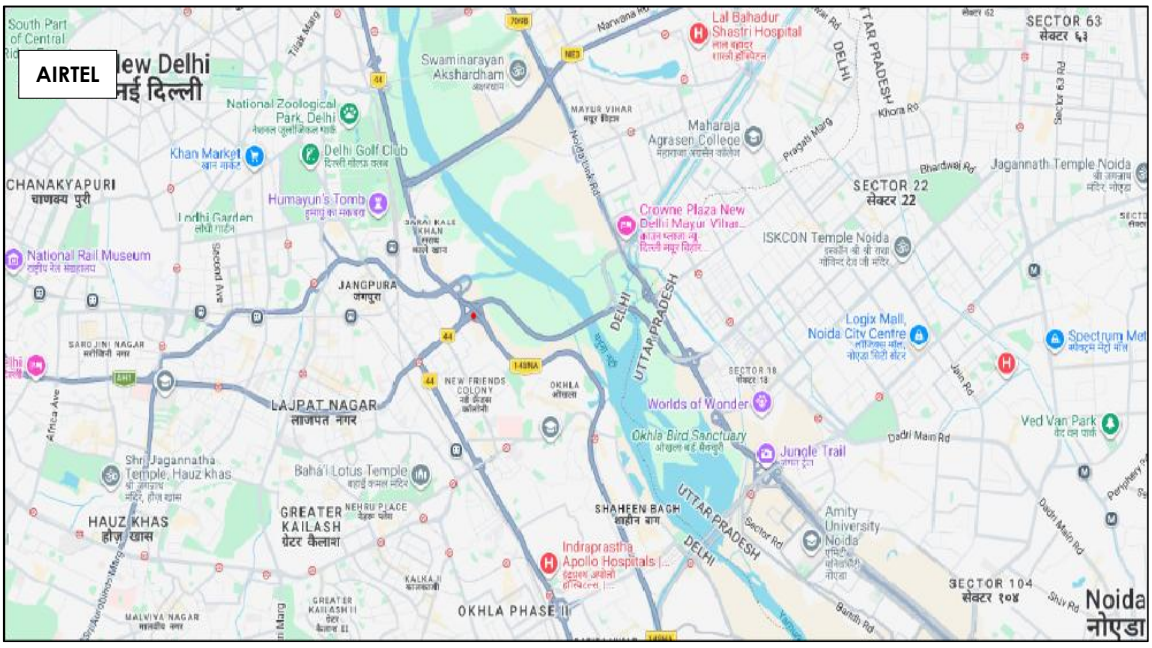
Annexure-II

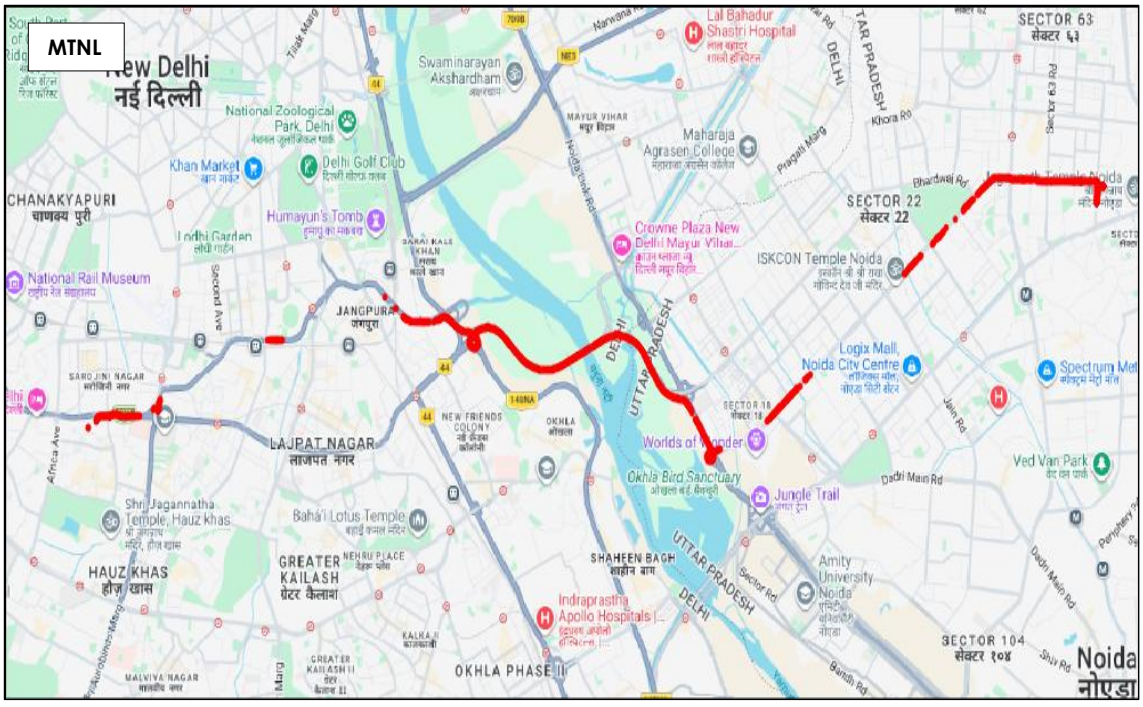
2. City Drive: Noida Sector 121 to World Trade Centre

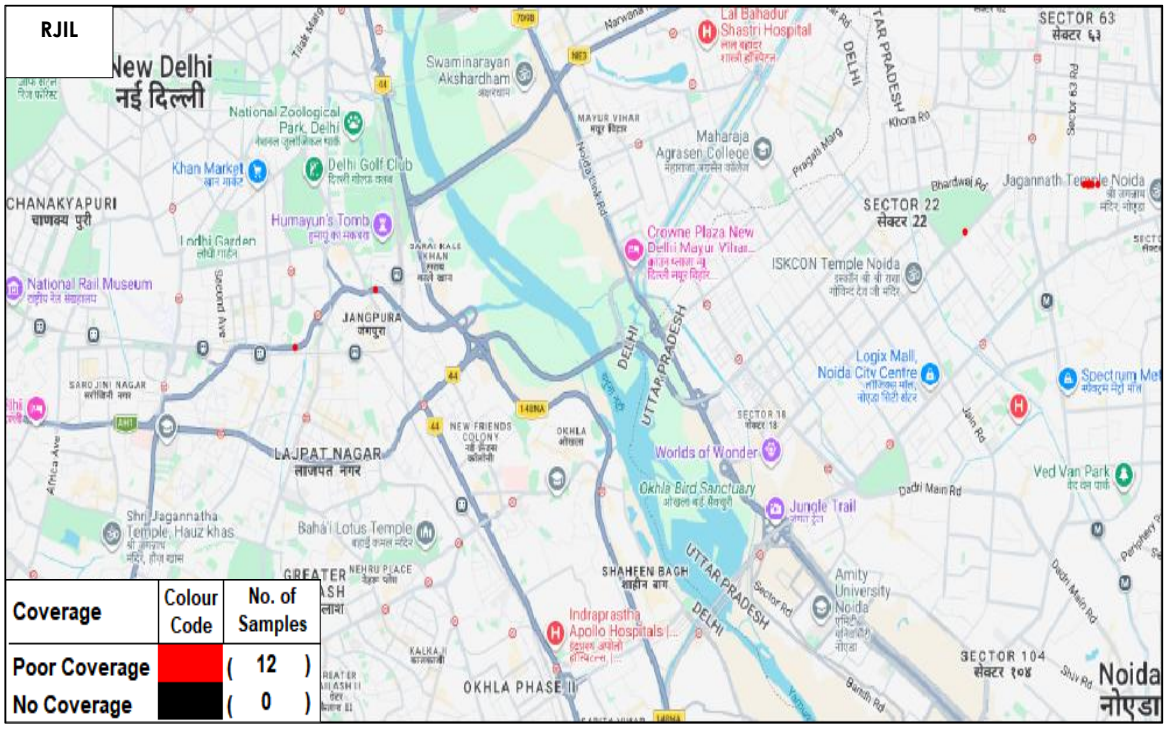
(a) Coverage Gap – The signal strength observed during voice testing on the drive test route in auto-selection mode (5G/4G/3G/2G).

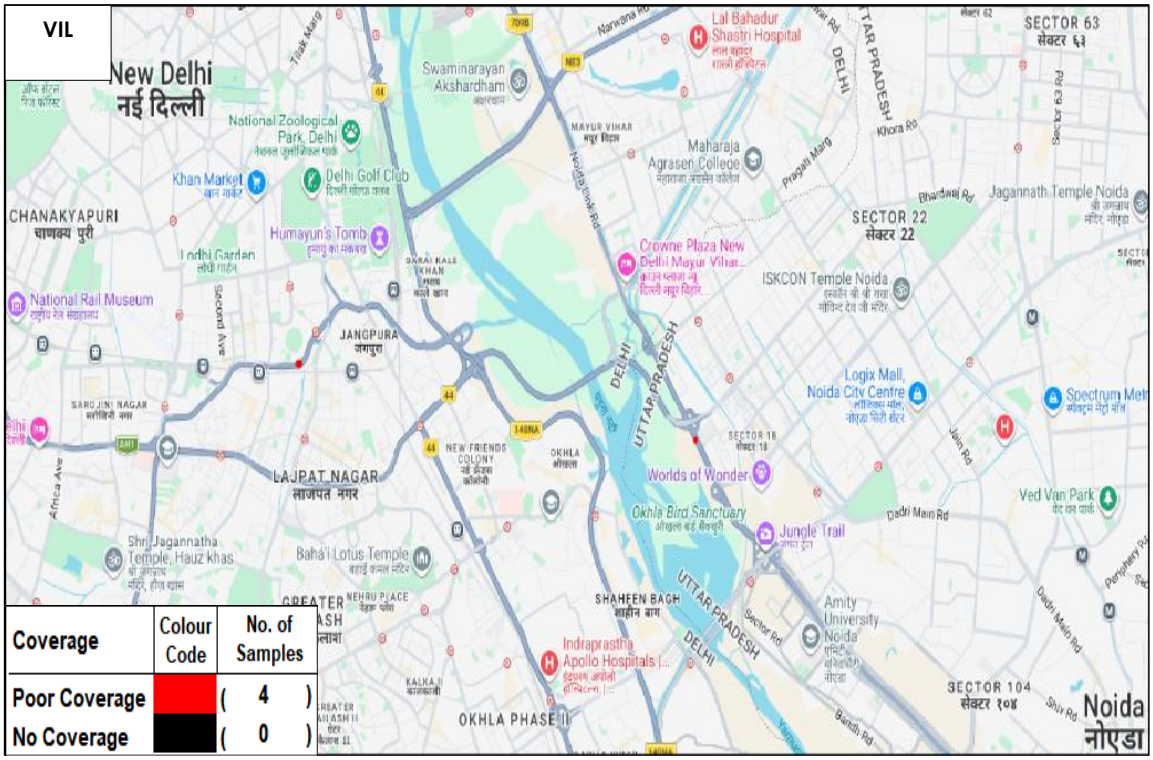
Parameter	AIRTEL	MTNL	RJIL	VIL
Total Number of Samples captured on Drive test route	2793	2743	2849	2973
Number of Samples having poor signal strength	1	1646	12	4
Number of Samples having limited service (No Coverage)	0	0	0	0

Coverage Gap observed









Note: *Plot is based on Dynamic Drive Test results only.*

(b) Dropped Calls - The TSP-wise details of dropped calls in auto selection mode (5G/4G/3G/2G).

Parameter	AIRTEL	MTNL	RJIL	VIL
Number of successful Calls Established	25	23	26	26
Number of dropped Calls	0	6	0	0

Locations of Dropped Calls



Note: *Dropped calls locations are shown in red colour and which can be clicked to know the exact location (latitude and longitude) on the map*

(c) Call Silence Instance - The TSP-wise details of Call silence instance in Auto-selection mode (5G/4G).

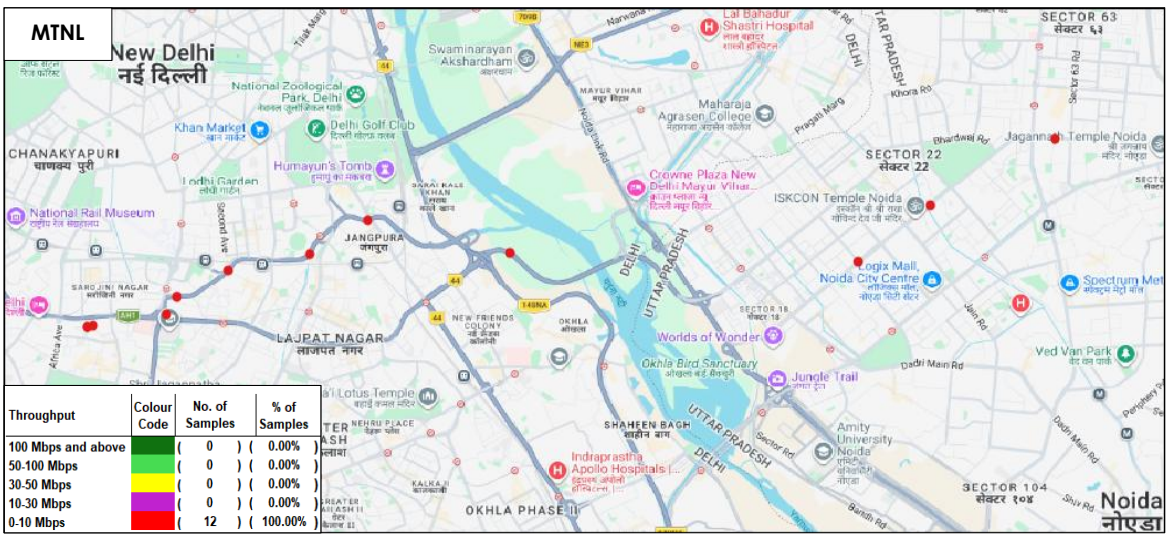
Parameter	AIRTEL	MTNL	RJIL	VIL
Call Established (within service provider network)	24	17	21	24
Number of silences calls for >3 Sec	0	NA	0	0
Total number of silence instances for >3 Sec	0	NA	0	0

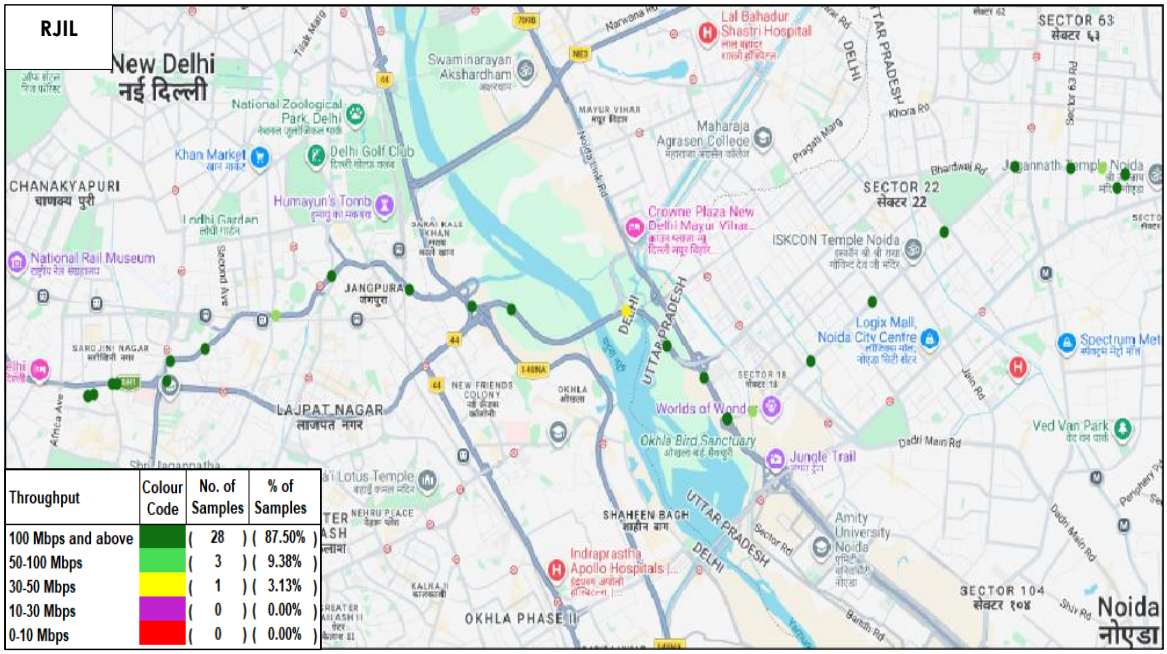
(d) Data Download and Upload Throughput:

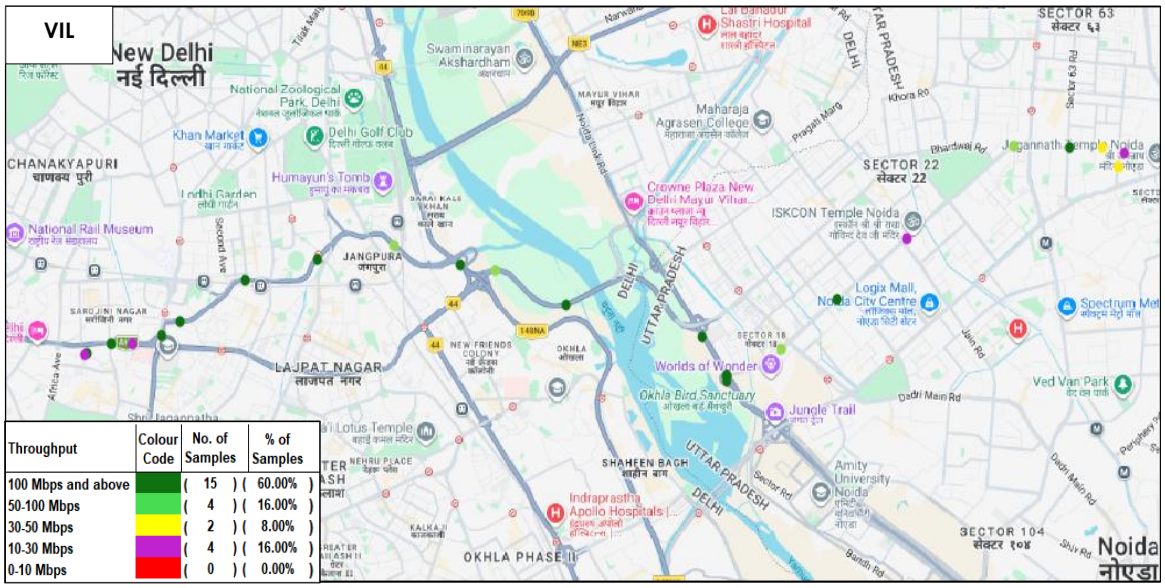
(i) Data Download Throughput: The TSP-wise details of **Average Download (DL) throughput** against declared typical DL Throughput for month, in Auto-selection mode (5G/4G/3G/2G).

Parameter	Measured in	AIRTEL (upto 5G)	MTNL (upto 3G)	RJIL (upto 5G)	VIL (upto 5G)
Typical Download Throughput declared by TSP	(Mbits/s)	23.00	8.00	15.00	15.00
Average Download Throughput measured during IDT	(Mbits/s)	175.41	3.39	346.84	129.86





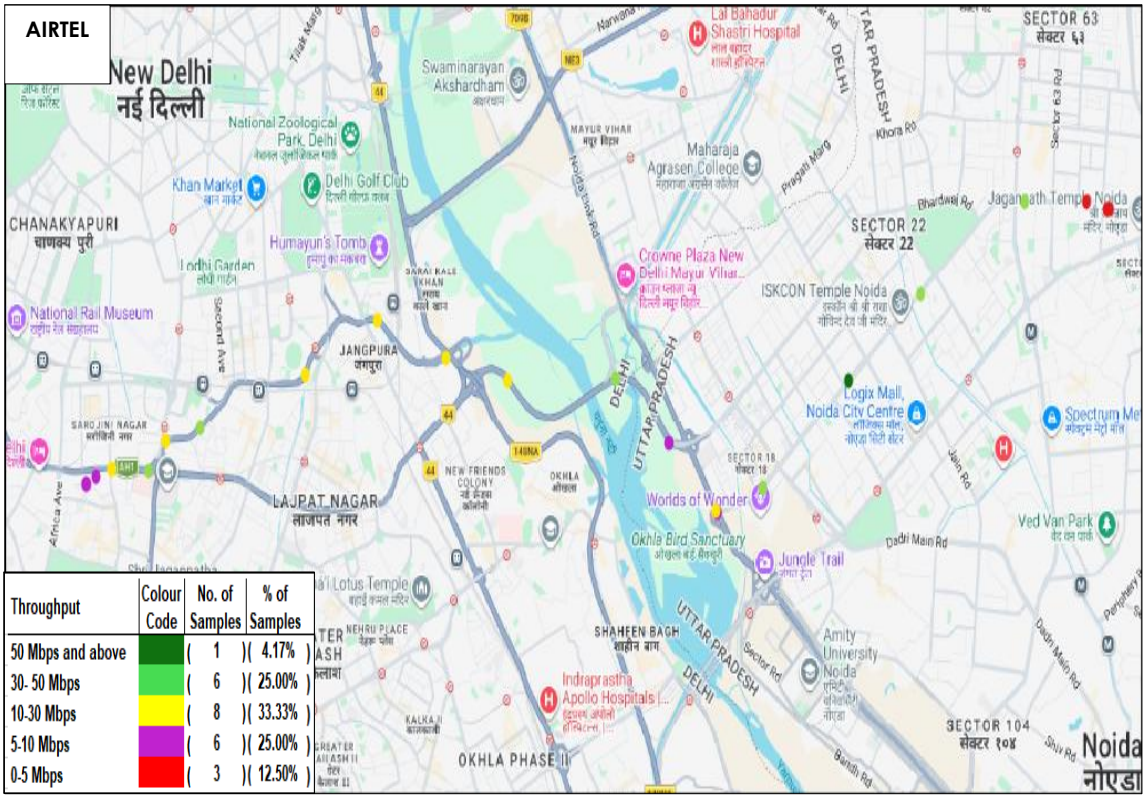




Note: *Plot is based on Dynamic Drive Test results only.*

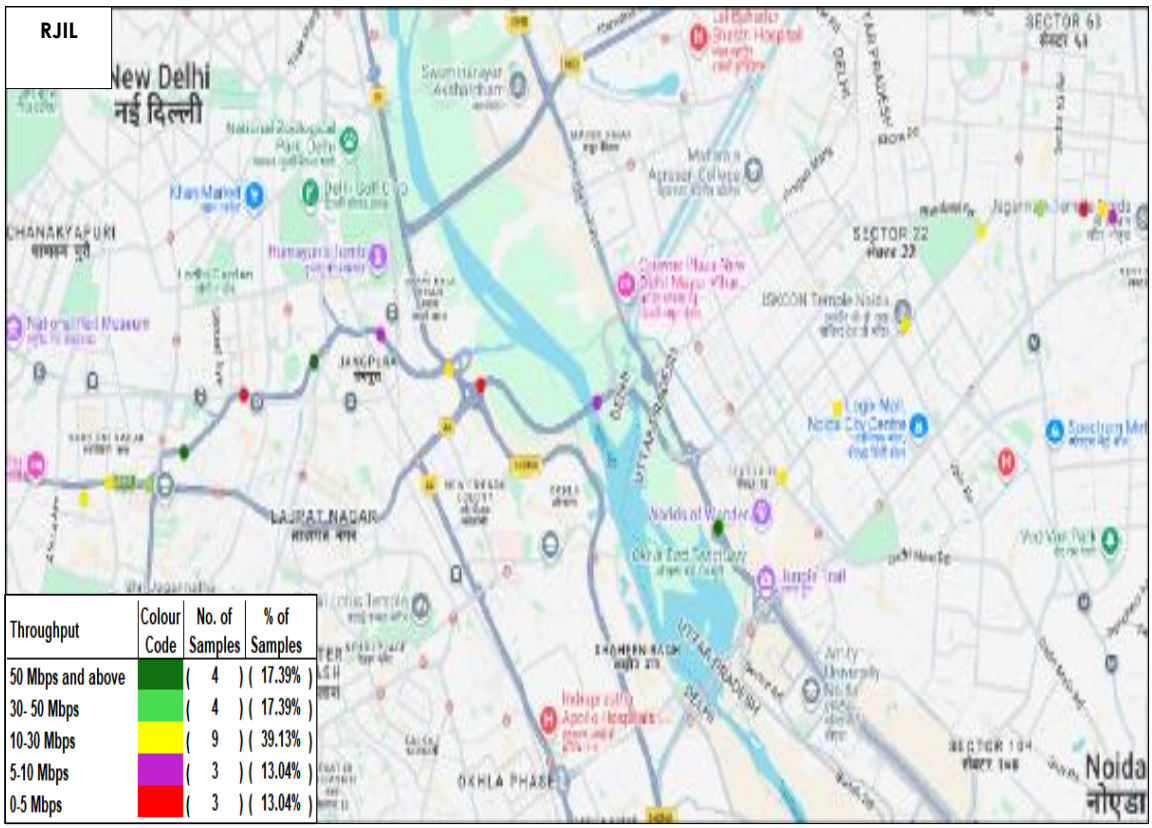
(ii) Data Upload Throughput: The TSP-wise details of **Average Upload (UL) throughput** against declared typical UL Throughput for month, in Auto-selection mode (5G/4G/3G/2G).

Parameter	Measured in	AIRTEL (upto 5G)	MTNL (upto 3G)	RJIL (upto 5G)	VIL (upto 5G)
Typical Upload Throughput declared by TSP	(Mbits/s)	10.00	1.00	7.00	8.00
Average Upload Throughput measured during IDT	(Mbits/s)	19.29	1.02	27.94	29.08

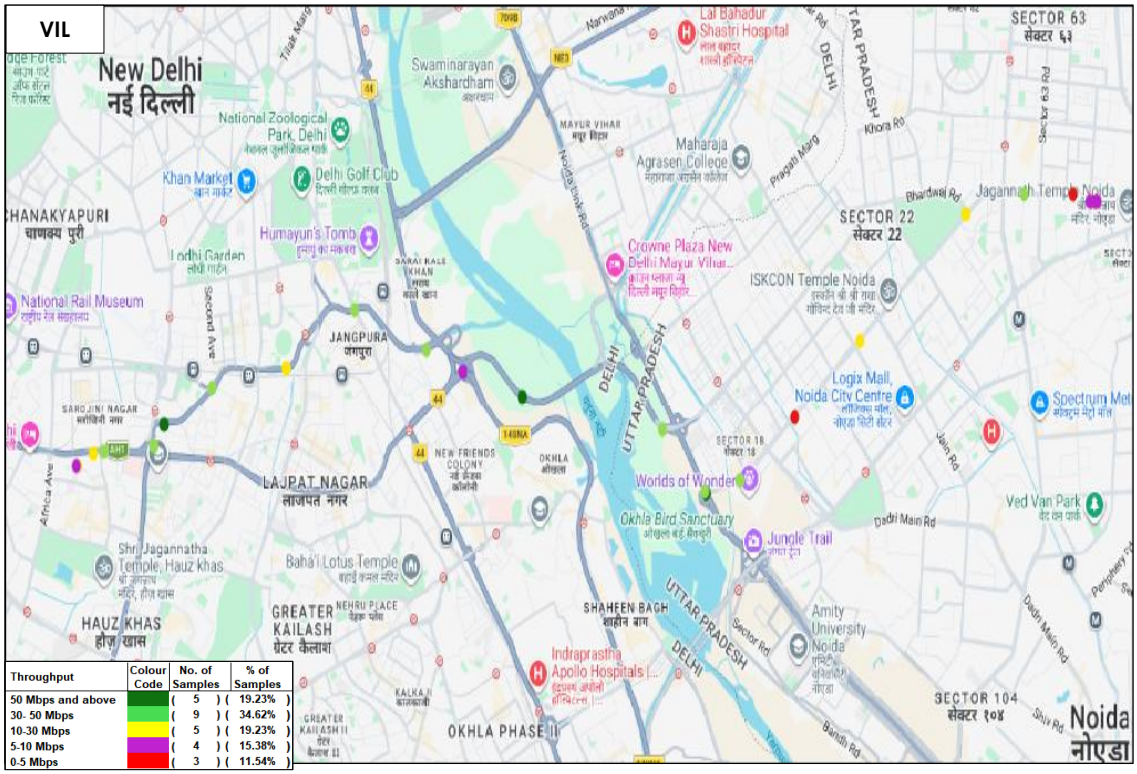

AIRTEL
New Delhi
नई दिल्ली
CHANAKYAPURI
चाणक्य पुरी
Khan Market
Delhi Golf Club
National Zoological Park, Delhi
Humayun's Tomb
Lodhi Garden
National Rail Museum
JANGPURA
जंगपुरा
SAROJINI NAGAR
सरोजिनी नगर
LAJPAT NAGAR
लाजपत नगर
NEW FRIENDS COLONY
OKHLA
ओखला
Swaminarayan Akshardham
Lal Bahadur Shastri Hospital
MAYUR VIHAR
मयूर विहार
Maharaja Agrasen College
Crowne Plaza New Delhi Mayur Vihar
SECTOR 22
सेक्टर 22
ISKCON Temple Noida
Jagannath Temple Noida
SECTOR 63
सेक्टर ६३
Logix Mall, Noida City Centre
Spectrum Me
Worlds of Wonder
Okhla Bird Sanctuary
Jungle Trail
Ved Van Park
Amity University Noida
SHAHEEN BAGH
शाहीन बाग
Indraprastha Apollo Hospitals
NEHRU PLACE
SECTOR 104
सेक्टर १०४
OKHLA PHASE II
Noida
नोएडा
DELHI
UTTAR PRADESH
Throughput | Colour Code | No. of Samples | % of Samples
50 Mbps and above | (1) | (4.17%)
30- 50 Mbps | (6) | (25.00%)
10-30 Mbps | (8) | (33.33%)
5-10 Mbps | (6) | (25.00%)
0-5 Mbps | (3) | (12.50%)


New Delhi
नई दिल्ली
CHANAKYAPURI
चाणक्य पुरी
LAJPAT NAGAR
लाजपत नगर
HAUZ KHAS
हौज खास
GREATER KAILASH
ग्रेटर कैलाश
OKHLA PHASE II
SECTOR 22
सेक्टर 22
SECTOR 63
सेक्टर ६३
SECTOR 104
सेक्टर १०४
Noida
नोएडा
DELHI
UTTAR PRADESH

RJIL



VIL



Note: *Plot is based on Dynamic Drive Test results only.*