

TELECOM REGULATORY AUTHORITY OF INDIA

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For Immediate Release

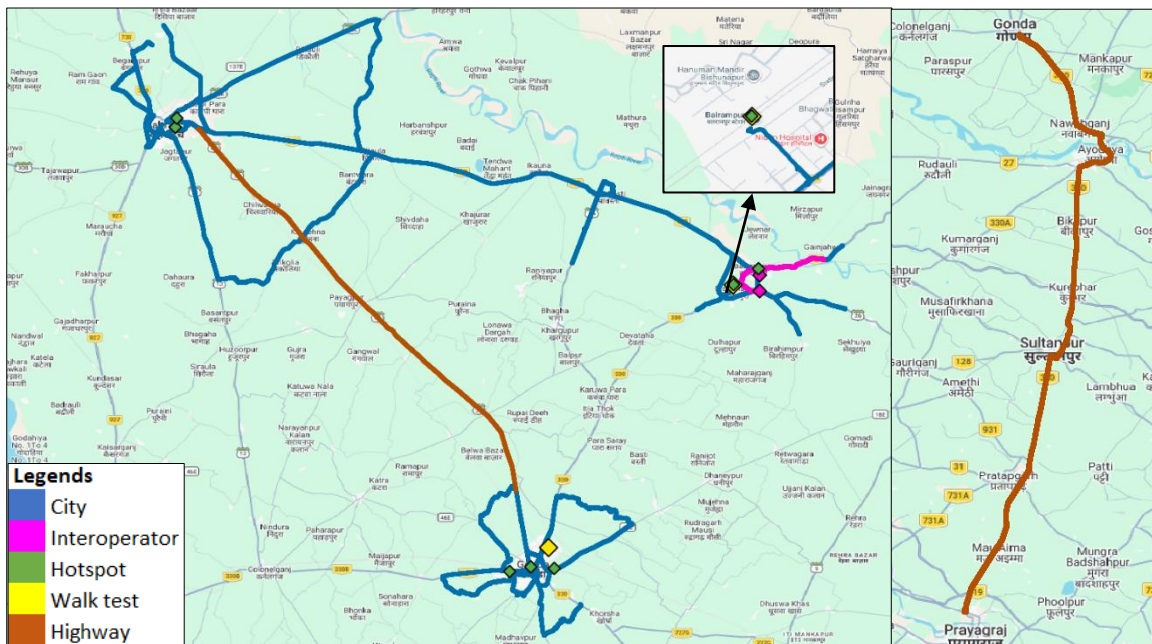
TRAI Assesses Mobile Network Quality Across Gonda, Bahraich, Shravasti & Balrampur City, Prayagraj to Gonda and Gonda to Bahraich Highway.

The Telecom Regulatory Authority of India (TRAI) has released findings of Independent Drive Test (IDT) conducted through its appointed agency across Gonda, Bahraich, Shravasti and Balrampur City under UPE LSA, during the month of September 2026, for information of general telecom consumers. The purpose of this drive test is to assess and verify real time quality of mobile network services (both voice & data) provided by Telecom Service Providers (TSPs). The performance of TSPs for key Quality of Service (QoS) parameters, captured during IDT are published to inform Consumers and encourage TSPs to improve their services. These IDTs have been designed to capture on ground mobile network performance of all TSPs across diverse usages environment like cities, hotspots, public transport hubs, etc.

2. These tests were conducted under the supervision of the TRAI Regional Office Bhopal. The observations presented in drive test reports represent the performance of the TSPs on the area/ route under test on the day/ time of conducting the drive test.

3. The drive tests conducted across City drive – 367.7 KMs in Gonda, Bahraich, Shravasti and Balrampur and 2.7 Km walk Test in Gonda & Balrampur City and 256 KMs Highway drive from Prayagraj to Gonda and Gonda to Bahraich, from 7th September 2026 to 10th September 2026 in UPE LSA.

4. **Drive Test Route Map:** The following map provides overview of drive test routes indicating City drive, Inter-operator calling, Hotspots and Walk tests, as per the legends shown on the map: -



5. Key Parameters Assessed

- Coverage Gap:** Percentage of samples, for which signal strength observed less than the minimum prescribed signal strength for respective technology (2G/ 3G/ 4G/ 5G).

- b) **Voice Services:** Call Setup Success Rate (CSSR), Drop Call Rate (DCR), Call Setup Time, Call Silence (Mute) Rate, Speech Quality (MOS).
 - c) **Call Silence (Mute) Instance:** Number of call silence (Mute) instance occurred during the calls.
 - d) **Data Services:** Download/ Upload Throughput, Latency, Jitter, Packet Drop Rate
6. The overall mobile network performance in Gonda, Bahraich, Shravasti and Balrampur City & Prayagraj to Gonda & Gonda to Bahraich Highway for the key parameters has been summarised below: -
- a) **Coverage Gap** - The signal strength observed during voice testing on the drive test route in auto-selection mode (5G/4G/3G/2G), measured as the number of samples having poor signal strength out of the total samples collected, were **818/ 19284** for **Airtel**, **7289/ 16823** for **BSNL**, **919/ 18995** for **RJIL** and **1775/ 19266** for **VIL** for Gonda City and **485/ 23477** for **Airtel**, **11807/ 19472** for **BSNL**, **1796/ 23226** for **RJIL** and **1369/ 23442** for **VIL** for Bahraich City and **114/ 8605** for **Airtel**, **3271/ 7994** for **BSNL**, **411/ 8466** for **RJIL** and **159/ 8666** for **VIL** for Balrampur City. Details of the coverage gaps have been provided in the map **Annexed**.
 - b) **Dropped Calls** - Dropped calls, measured as the number of dropped calls out of the number of successfully established calls, were **1/ 171** for **Airtel**, **23/ 162** for **BSNL**, **0/ 171** for **RJIL** and **0/ 171** for **VIL** for for Gonda City and **1/ 205** for **Airtel**, **6/ 159** for **BSNL**, **0/ 206** for **RJIL** and **1/ 205** for **VIL** for Bahraich City and **2/ 78** for **Airtel**, **2/ 72** for **BSNL**, **0/ 78** for **RJIL** and **0/ 78** for **VIL** for Balrampur City. Details of the dropped call locations have been provided in the map **Annexed**.
 - c) **Call Silence Instance** - Call silence instances, measured as the total number of silence instances observed for > 3 seconds out of the total calls established, were **2/ 161** for **Airtel**, **6/ 166** for **RJIL** and **8/ 165** for **VIL** for for Gonda City and **0/ 196** for **Airtel**, **10/ 200** for **RJIL** and **1/ 199** for **VIL** for Bahraich City and **1/ 73** for **Airtel**, **2/ 74** for **RJIL** and **0/ 73** for **VIL** for Balrampur City. Details of the call silence instance locations have been provided in the map **Annexed**.
 - d) **Data Download and Upload Throughput:**
 - i) **Data Download performance (Overall):** Average download speed was observed as **94.98 Mbps** for **Airtel (5G)**, **1.15 Mbps** for **BSNL (4G)**, **167.44 Mbps** for **RJIL (5G)** and **34.31 Mbps** for **VIL (5G)** for Gonda City and **105.94 Mbps** for **Airtel (5G)**, **7.30 Mbps** for **BSNL (4G)**, **146.74 Mbps** for **RJIL (5G)** and **41.12 Mbps** for **VIL (5G)** for Bahraich City and **130.93 Mbps** for **Airtel (5G)**, **4.09 Mbps** for **BSNL (4G)**, **167.93 Mbps** for **RJIL (5G)** and **31.66 Mbps** for **VIL (4G)** for Balrampur City. Detail of Download throughput has been provided in the map **Annexed**.
 - ii) **Data Upload performance (Overall):** Average upload speed was observed as **14.59 Mbps** for **Airtel (5G)**, **1.86 Mbps** for **BSNL (4G)**, **18.94 Mbps** for **RJIL (5G)** and **9.53 Mbps** for **VIL (5G)** for Gonda City and **17.60 Mbps** for **Airtel (5G)**, **2.88 Mbps** for **BSNL (4G)**, **12.09 Mbps** for **RJIL (5G)** and **11.86 Mbps** for **VIL (5G)** for Bahraich City and **21.40 Mbps** for **Airtel (5G)**, **2.16 Mbps** for **BSNL (4G)**, **16.90 Mbps** for **RJIL (5G)** and **12.79 Mbps** for **VIL (4G)** for Balrampur City. Detail of Upload throughput has been provided in the map **Annexed**.

Locations of Dropped Calls and Call Silence instances can be seen by clicking red dot on the map **Annexed**.

7. Details of drive test route and area covered during the IDT is as under: -

- a) **City – Gonda-** Banghusra, Jhanjhari, Police line, Balpur Jot, Keswapur Pahrwa, Veerpur, Janki Nagar, Semra Damman, Tulsipur and Sekhapur etc.

Bahraich- Begampur, Godan Basahi, Mohammad Nagar, Bakshi pura, Dikauli, Doob Kalan, Pachdewari, Gilaula, Khutehna, Chakujot, Jagtapur and Kamla Bhari etc.

Balrampur- Harbaspur, Bishunipur, Bishunapur, Dhusah, Benijot, Pahalwara koeliha, Shravasti, Ikauna, Khargaura Basti, Gopalpur and Ararpakar etc

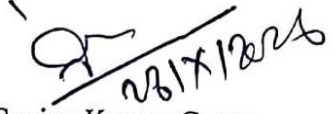
- b) **Hotspots:** District Court Gonda, District Hospital Bahraich, District Hospital Balrampur, Government Bus Stand Gonda, Government Polytechnic College Gonda, Railway Station Bahraich, Railway Station Balrampur etc.

- c) **Walk Test:** Gonda Junction Railway Station and Railway Station Balrampur etc.

- d) **Highway:** i) **Prayagraj to Gonda-** Passing through Mau Aima, Bela Pratapgarh, Sultanpur, Faizabad, Ayodhya and Nawabganj etc.

ii) **Gonda to Bahraich-** Passing through Pipra Bazar, Manohar Jot, Suhelwa, Imaliya Ganj and Chilwariya etc.

The finding of this IDT report have been shared with respective TSPs for taking further necessary action at their end. Detailed reports of IDT are made available on the TRAI website at www.traigov.in. For any clarification or additional information, an email can be sent to adv.bhopal@traigov.in or Regional Office of TRAI at Bhopal RO can be contacted on telephone no. +91-755-2575501.

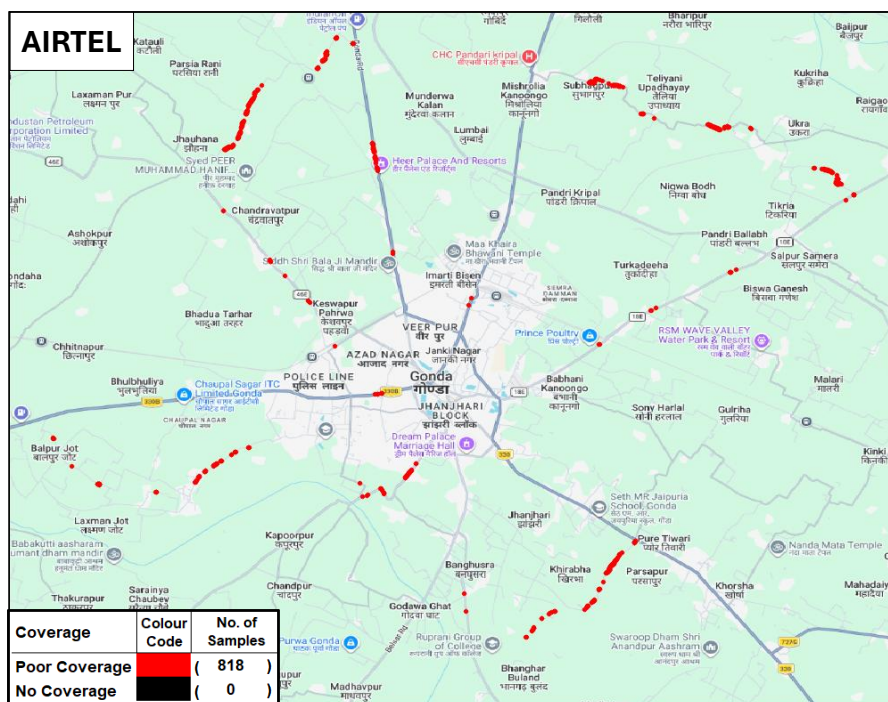

Sanjay Kumar Gupta
Advisor, RO Bhopal

Gonda City:-

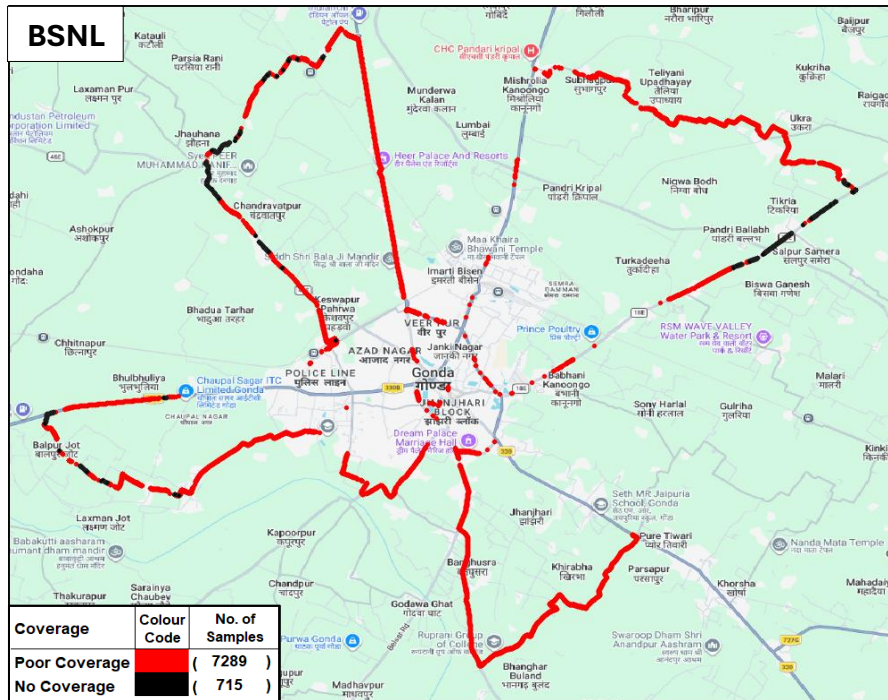
- a) **Coverage Gap** - The coverage distribution found less than the minimum specified signal strength for the drive test route in auto-selection mode (5G/4G/3G/2G) during voice testing, is as below: -

Parameter	AIRTEL	BSNL	RJIL	VIL
Total Number of Samples captured on Drive test route	19284	16823	18995	19266
Number of Samples having poor signal strength	818	7289	919	1775
Number of Samples having limited service (No Coverage)	0	715	0	0

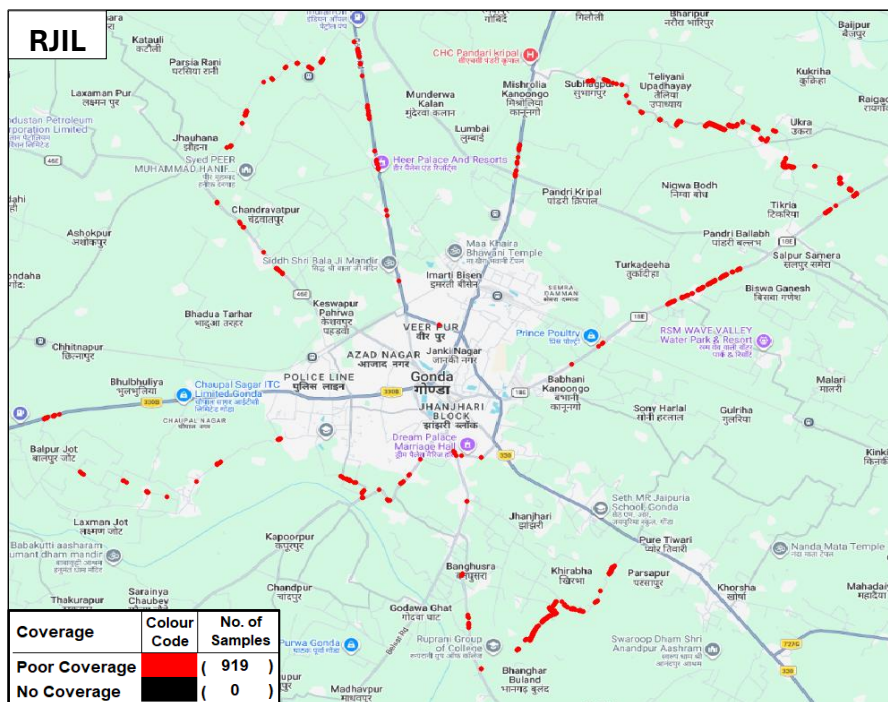
Note: Signal strength has been considered poor if it falls below -110 dBm for 5G & 4G, -90 dBm for 3G, and -85 dBm for 2G.

Coverage Gap observed

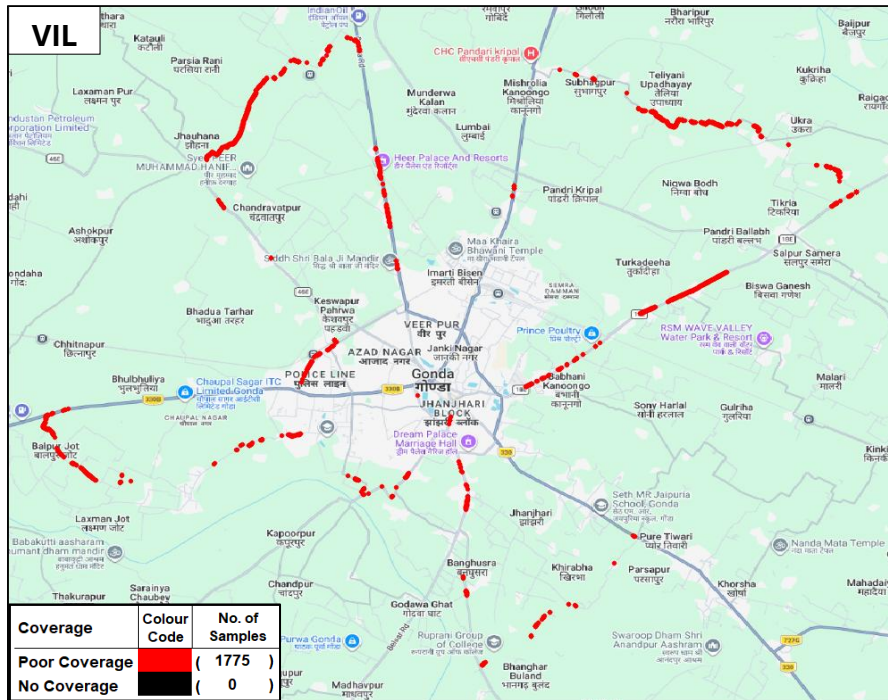
Poor coverage & no coverage locations in auto-selection mode (5G/4G/3G/2G) voice - AIRTEL.



Poor coverage & no coverage locations in auto-selection mode (5G/4G/3G/2G) voice - BSNL.



Poor coverage & no coverage locations in auto-selection mode (5G/4G/3G/2G) voice - RJIL.

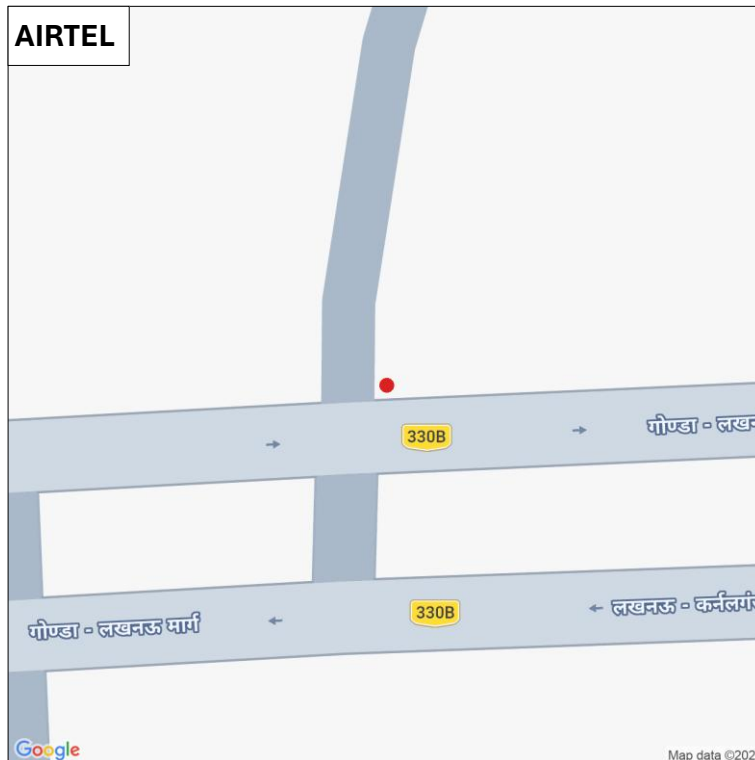


Poor coverage & no coverage locations in auto-selection mode (5G/4G/3G/2G) voice - VIL.

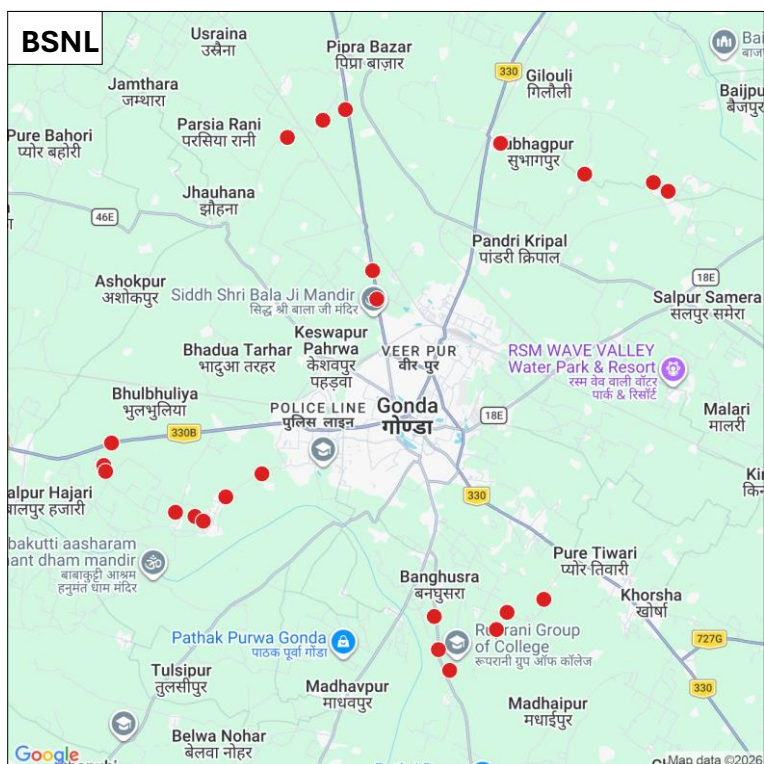
b) **Dropped Calls** - The TSP-wise details of dropped calls in auto-selection mode (5G/ 4G/ 3G/ 2G) are as below:

Parameter	AIRTEL	BSNL	RJIL	VIL
Number of successful Calls Established	171	162	171	171
Number of dropped Calls	1	23	0	0

Locations of Dropped Calls



Drop call locations in auto-selection mode (5G/4G/3G/2G) voice - AIRTEL.



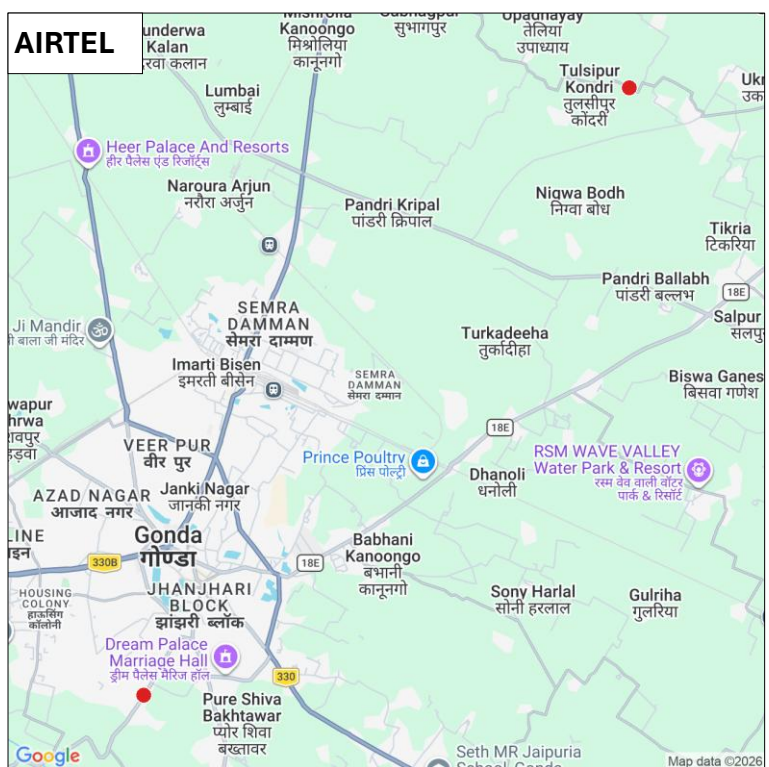
Drop call locations in auto-selection mode (5G/4G/3G/2G) voice - BSNL.

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

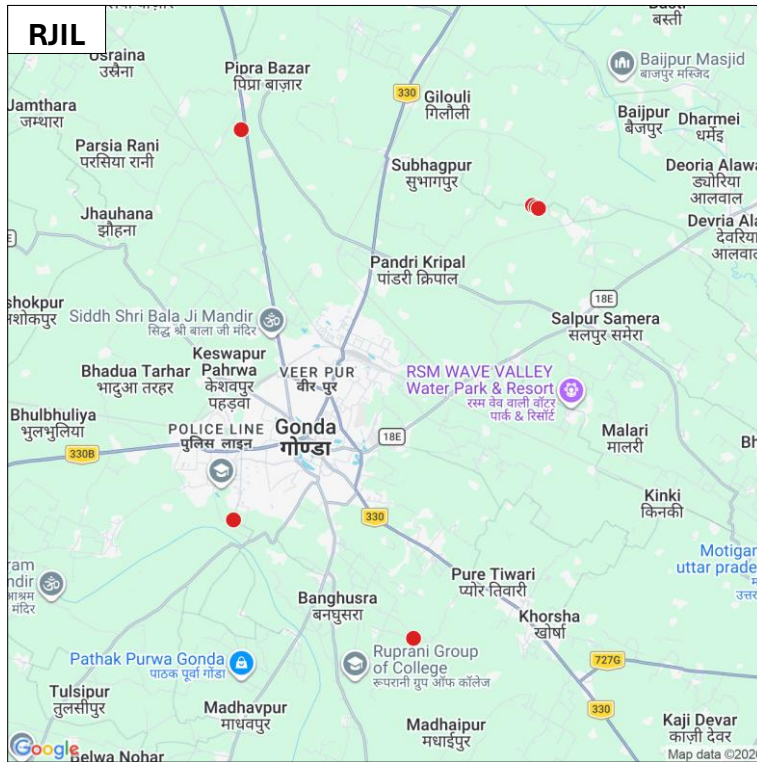
a) **Call Silence Instance - The TSP-wise details of Call silence instance in Auto-selection mode (5G/4G) are as below:-**

Parameter	AIRTEL	BSNL	RJIL	VIL
Call Established (within service provider network)	161	119	166	165
Number of silences calls for >3 Sec	2	NA	4	5
Total number of silence instances for >3 Sec	2	NA	6	8

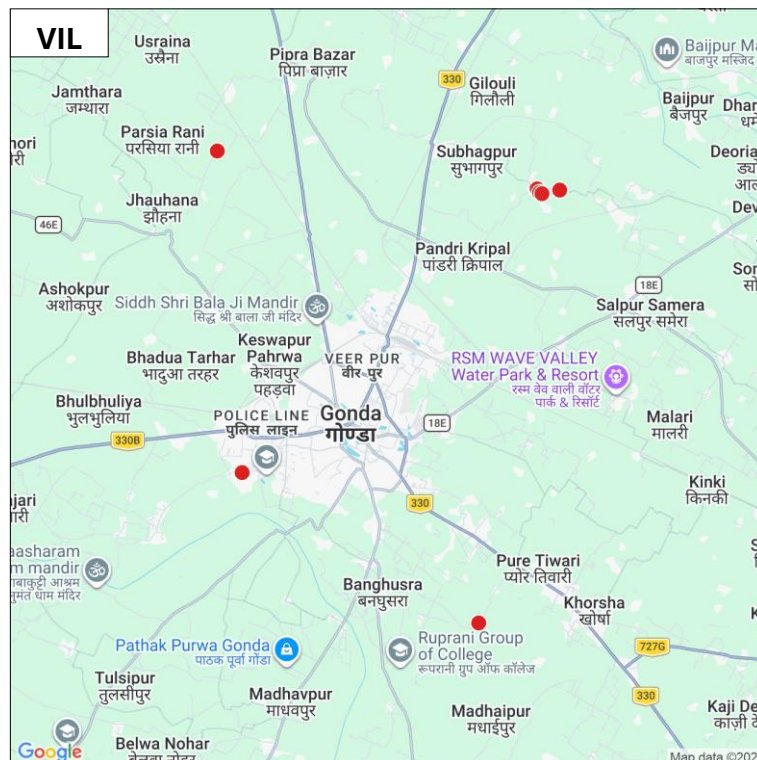
Locations of Call Silence Instance



Number of silence instances for >3 Sec Mobile-to-Mobile (5G/4G-Open Mode) - AIRTEL.



Number of silence instances for >3 Sec Mobile-to-Mobile (5G/4G-Open Mode) - RJIL.



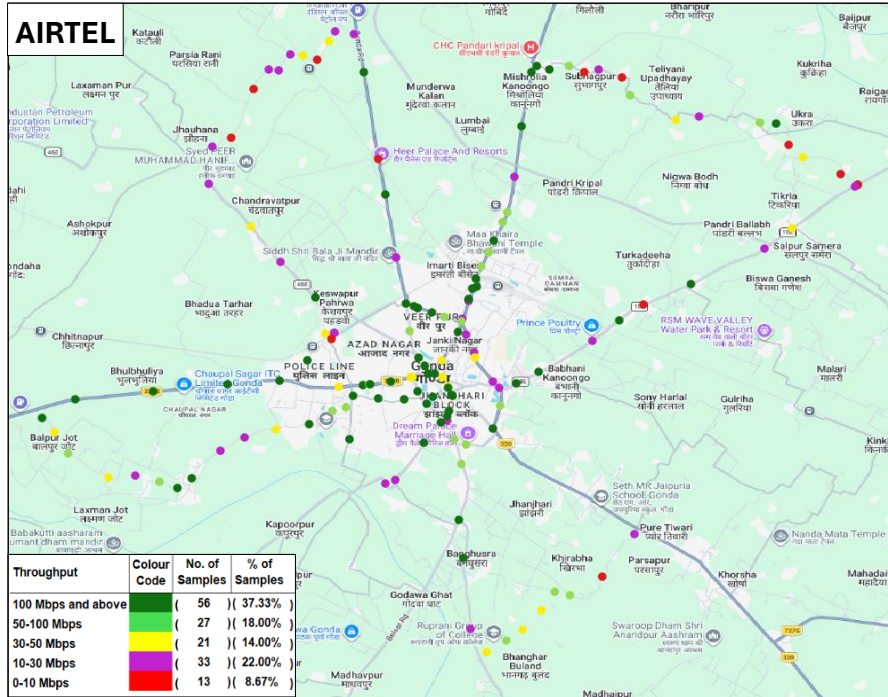
Number of silence instances for >3 Sec Mobile-to-Mobile (5G/4G-Open Mode) - VIL.

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

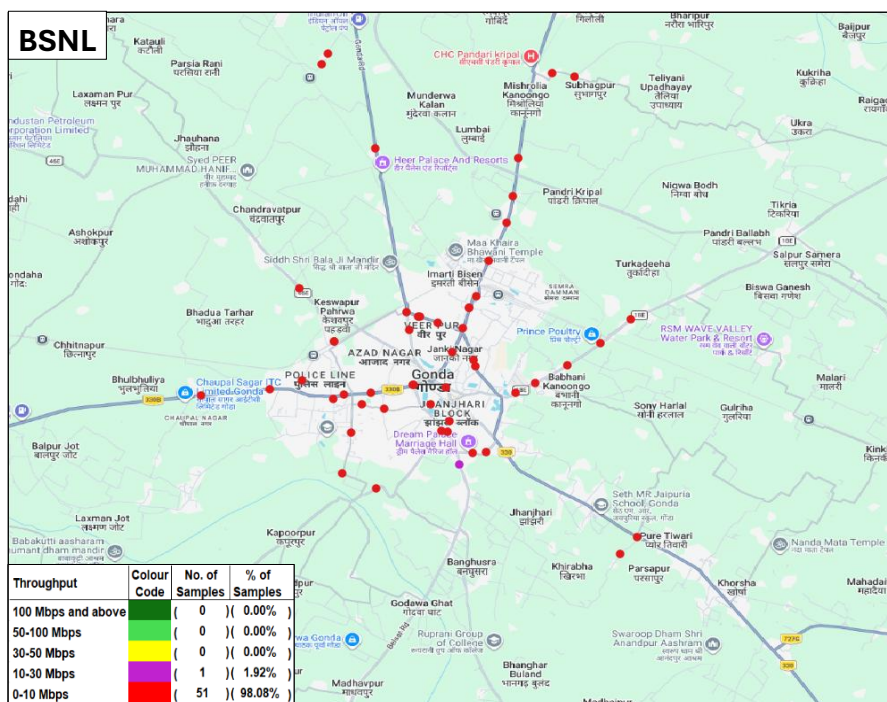
d) Data Download and Upload throughput: The TSP-wise details of **Average Download (DL)** and **Upload (UL)** throughput against declared typical DL/UL Throughput for month, in Auto-selection mode (5G/4G/3G/2G) are as below:

(i) Download Throughput

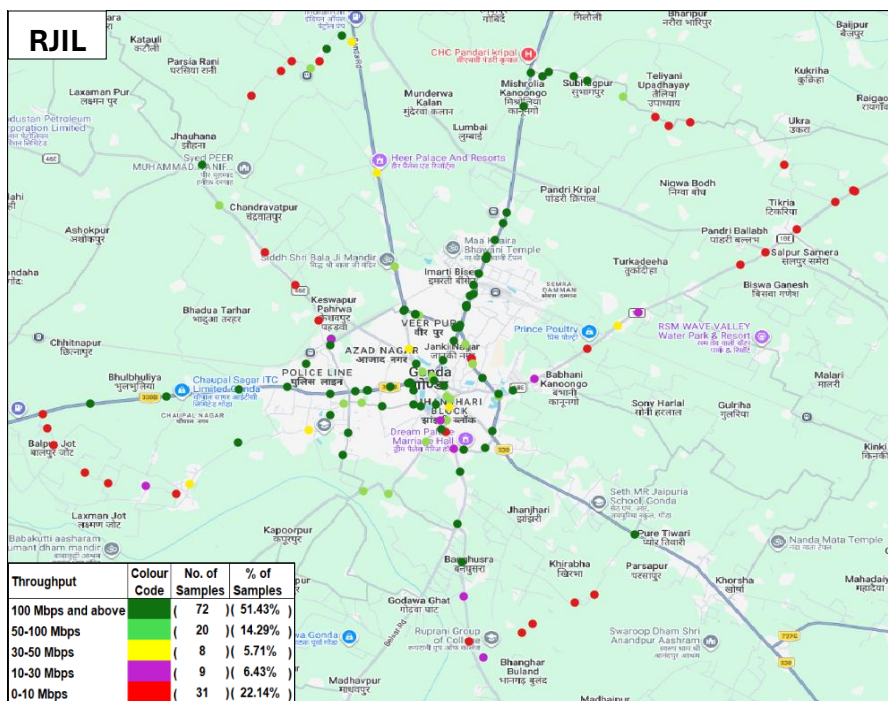
Parameter	Measured in	AIRTEL (upto 5G)	BSNL (upto 4G)	RJIL (upto 5G)	VIL (upto 5G)
Typical Download Throughput declared by TSP	(Mbits/s)	23.00	4.19	15.00	15.00
Average Download Throughput measured during IDT	(Mbits/s)	94.98	1.15	167.44	34.31



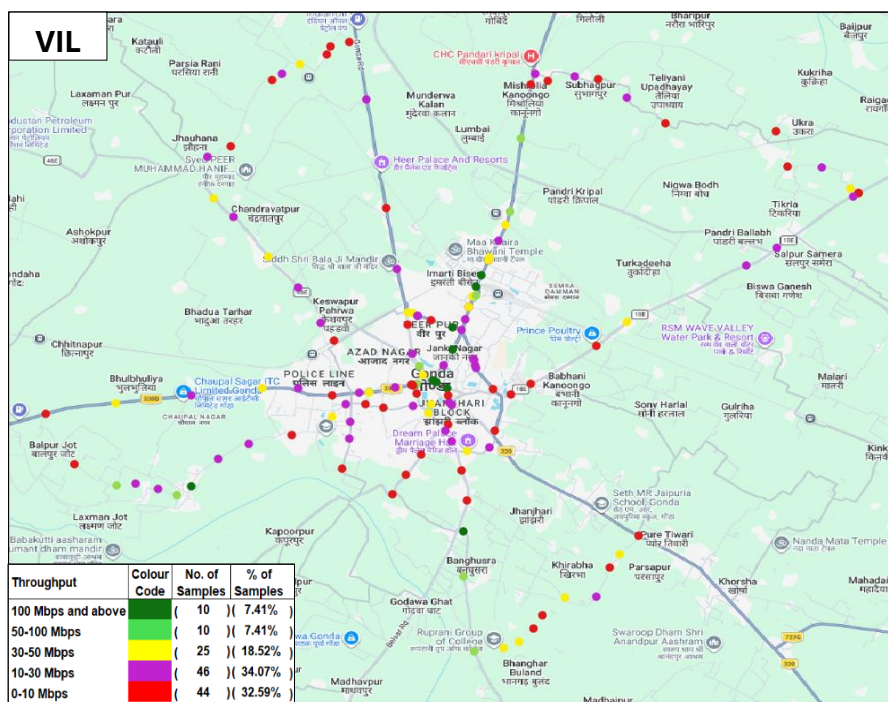
Download throughput distribution auto-selection mode (5G/4G/3G/2G) - AIRTEL.



Download throughput distribution auto-selection mode (5G/4G/3G/2G) - BSNL.



Download throughput distribution auto-selection mode (5G/4G/3G/2G) - RJIL.

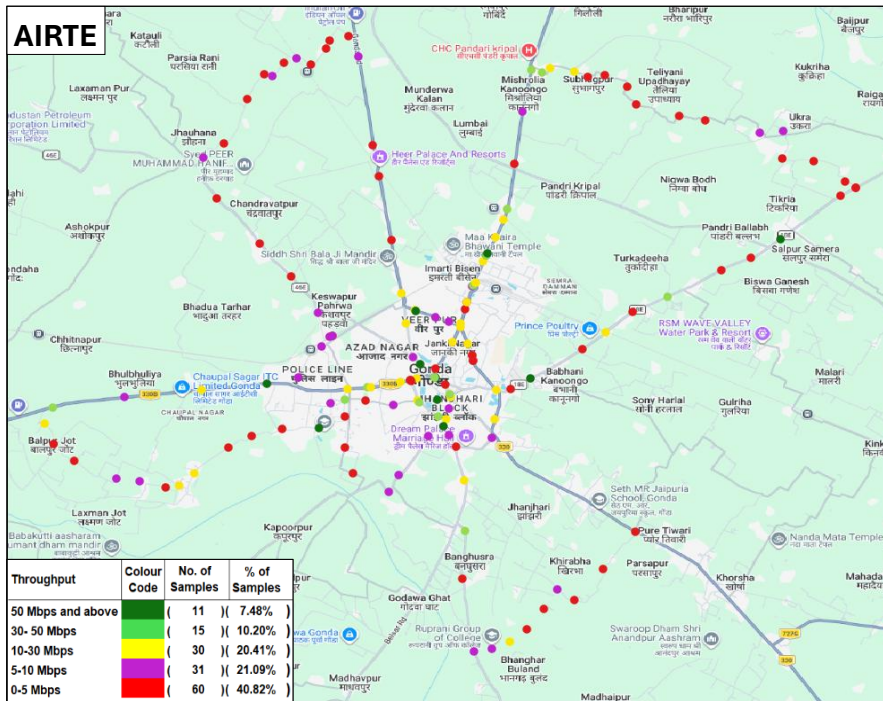


Download throughput distribution auto-selection mode (5G/4G/3G/2G) - VIL.

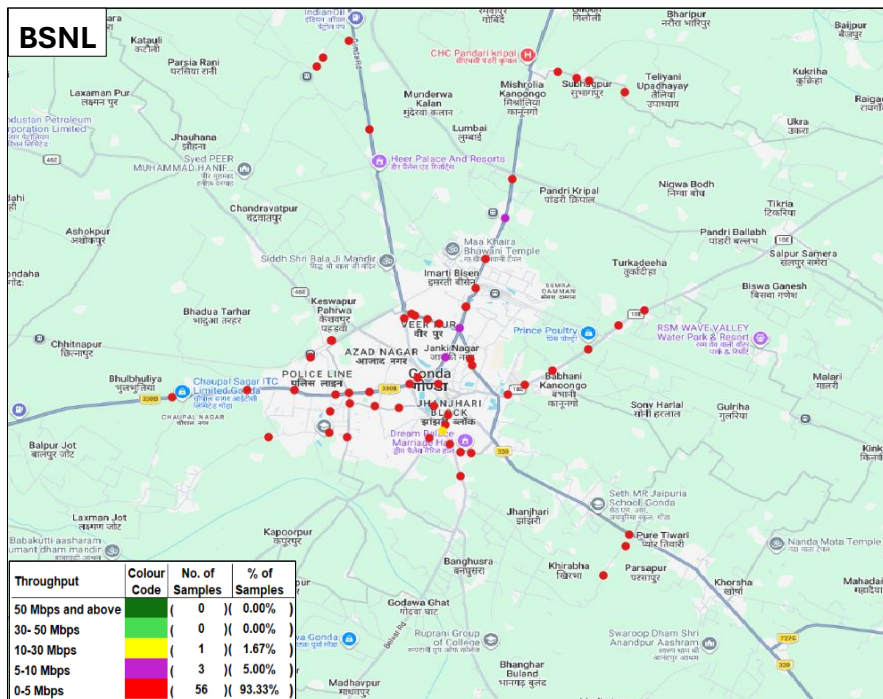
Note: Plot is based on Dynamic Drive Test results only.

(ii) Upload Throughput

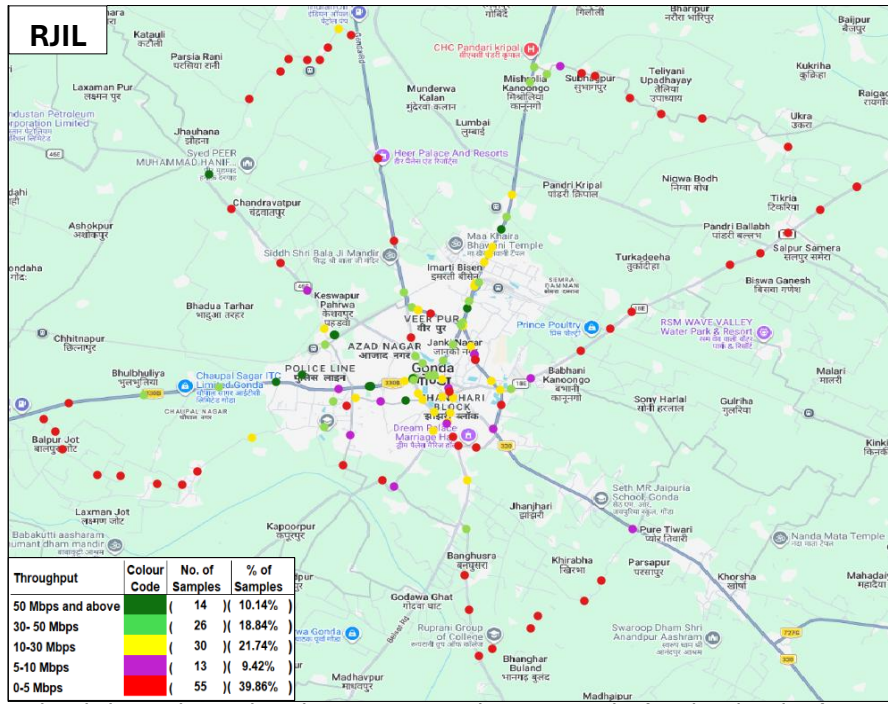
Parameter	Measured in	AIRTEL (upto 5G)	BSNL (upto 4G)	RJIL (upto 5G)	VIL (upto 5G)
Typical Upload Throughput declared by TSP	(Mbits/s)	10.00	3.61	7.00	8.00
Average Upload Throughput measured during IDT	(Mbits/s)	14.59	1.86	18.94	9.53



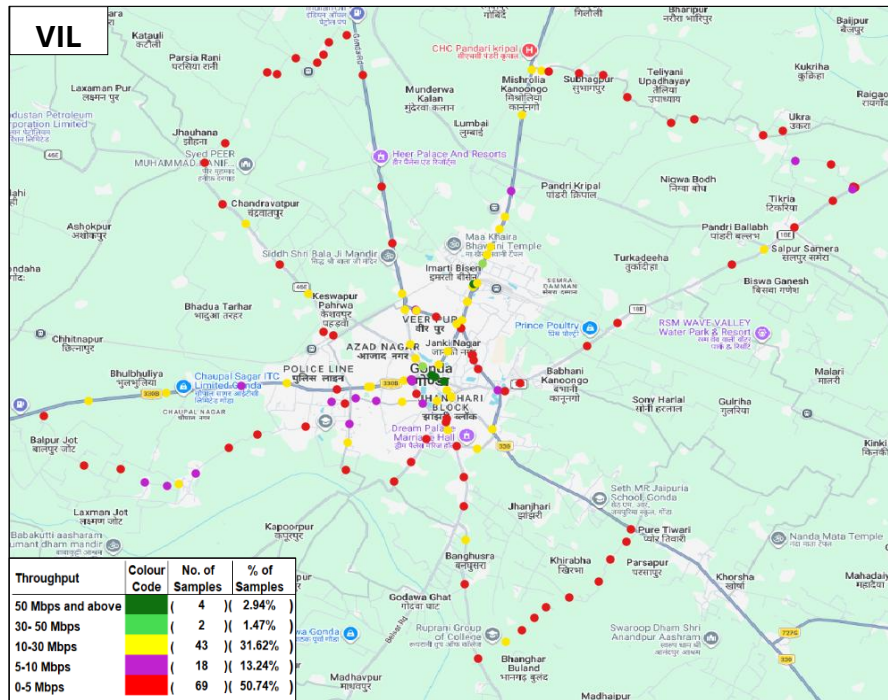
Upload throughput distribution auto-selection mode (5G/4G/3G/2G) - AIRTEL.



Upload throughput distribution auto-selection mode (5G/4G/3G/2G) - BSNL.



Upload throughput distribution auto-selection mode (5G/4G/3G/2G) - RJL.



Upload throughput distribution auto-selection mode (5G/4G/3G/2G) - VIL.

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

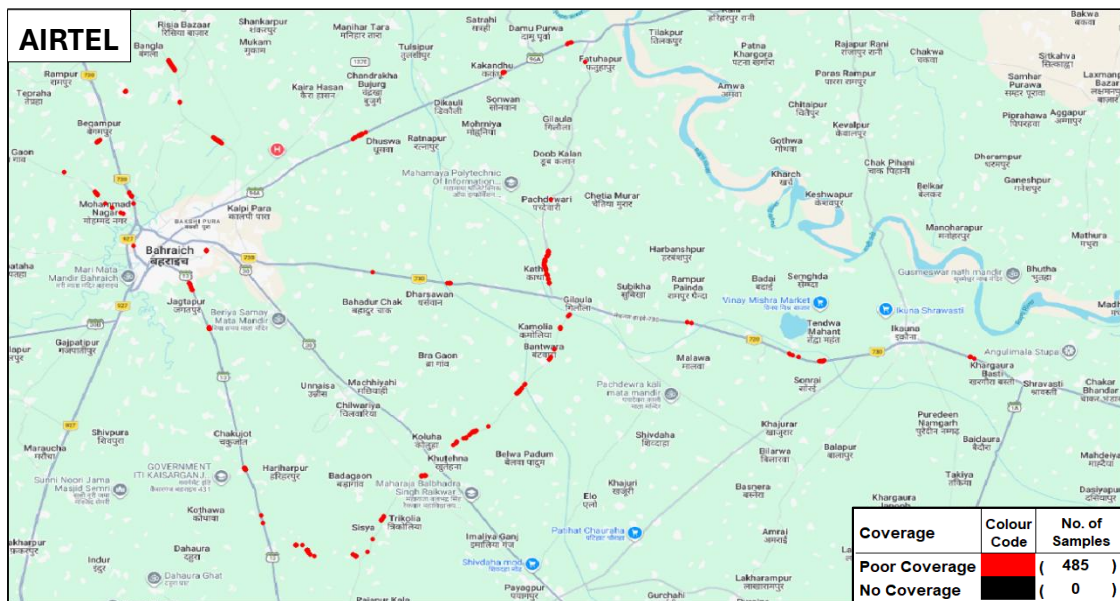
Bahraich City-

- a) **Coverage Gap** - The coverage distribution found less than the minimum specified signal strength for the drive test route in auto-selection mode (5G/4G/3G/2G) during voice testing, is as below: -

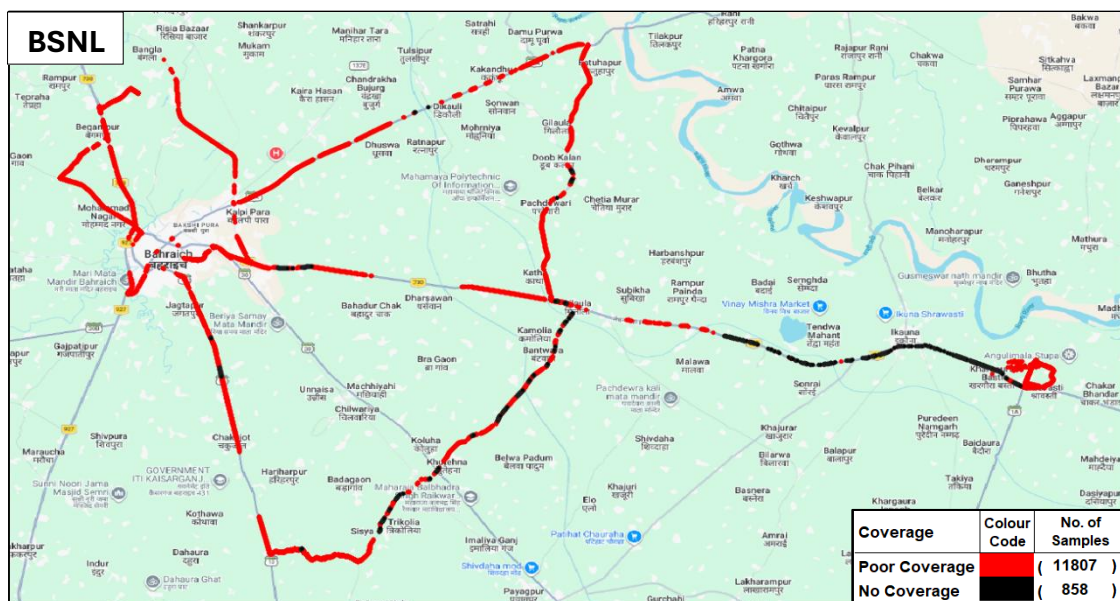
Parameter	AIRTEL	BSNL	RJIL	VIL
Total Number of Samples captured on Drive test route	23477	19472	23226	23442
Number of Samples having poor signal strength	485	11807	1796	1369
Number of Samples having limited service (No Coverage)	0	858	0	0

Note: Signal strength has been considered poor if it falls below -110 dBm for 5G & 4G, -90 dBm for 3G, and -85 dBm for 2G.

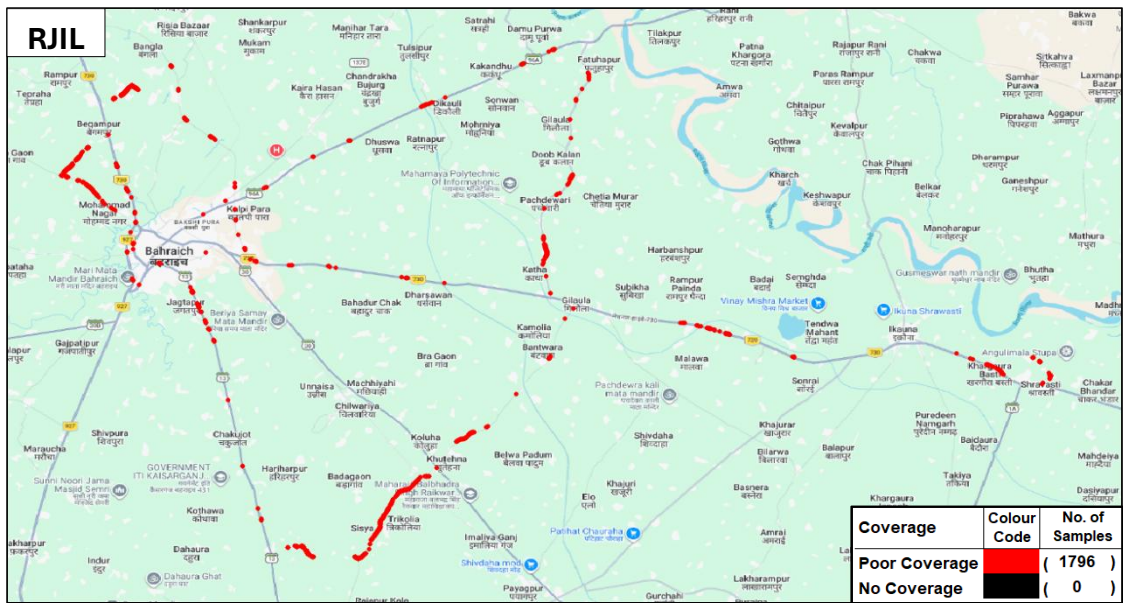
Coverage Gap observed



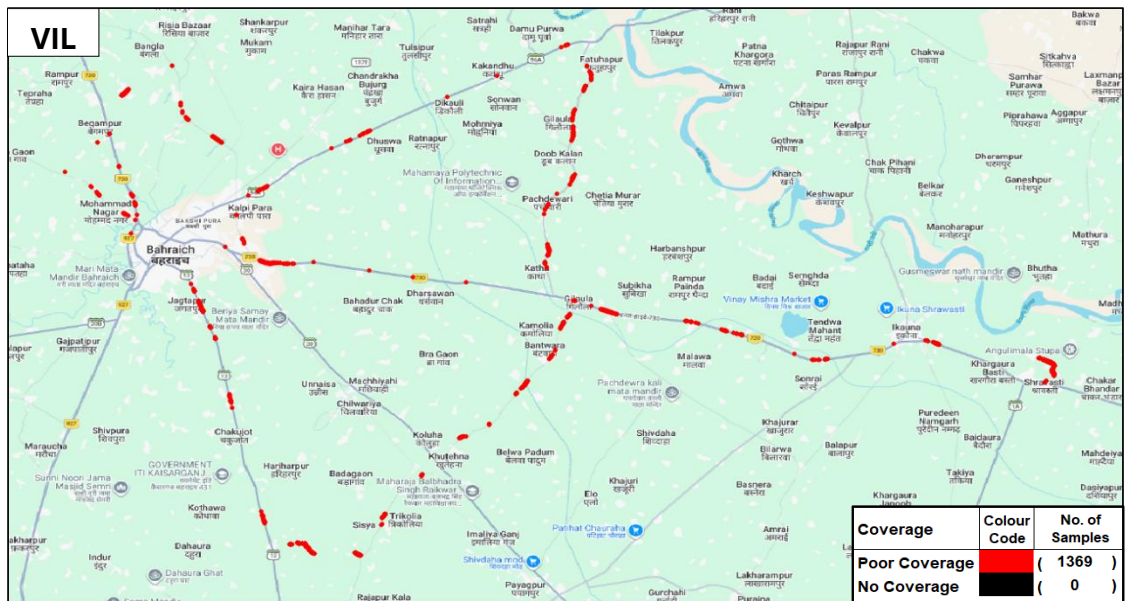
Poor coverage & no coverage locations in auto-selection mode (5G/4G/3G/2G) voice - AIRTEL.



Poor coverage & no coverage locations in auto-selection mode (5G/4G/3G/2G) voice - BSNL.



Poor coverage & no coverage locations in auto-selection mode (5G/4G/3G/2G) voice - RJIL.



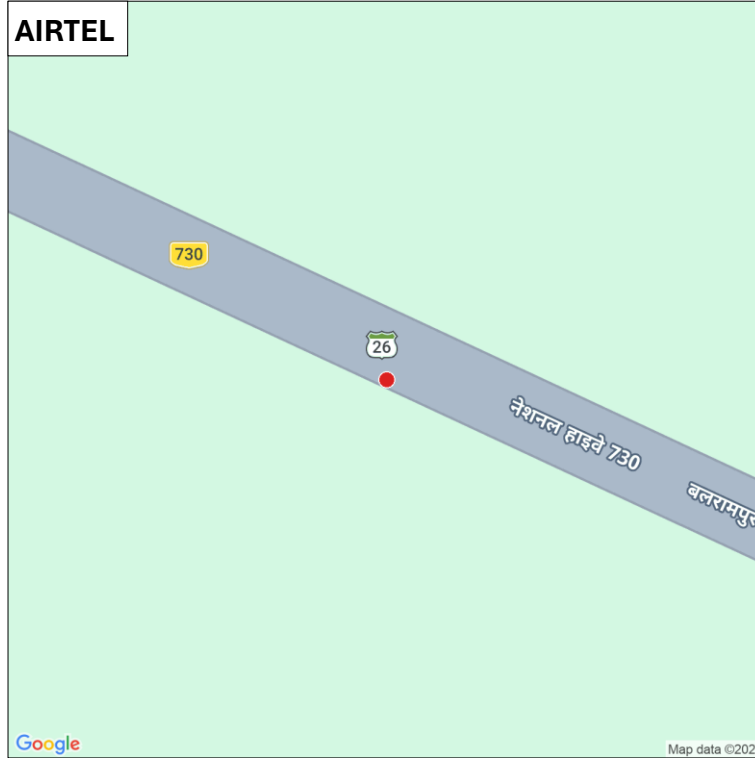
Poor coverage & no coverage locations in auto-selection mode (5G/4G/3G/2G) voice - VIL.

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

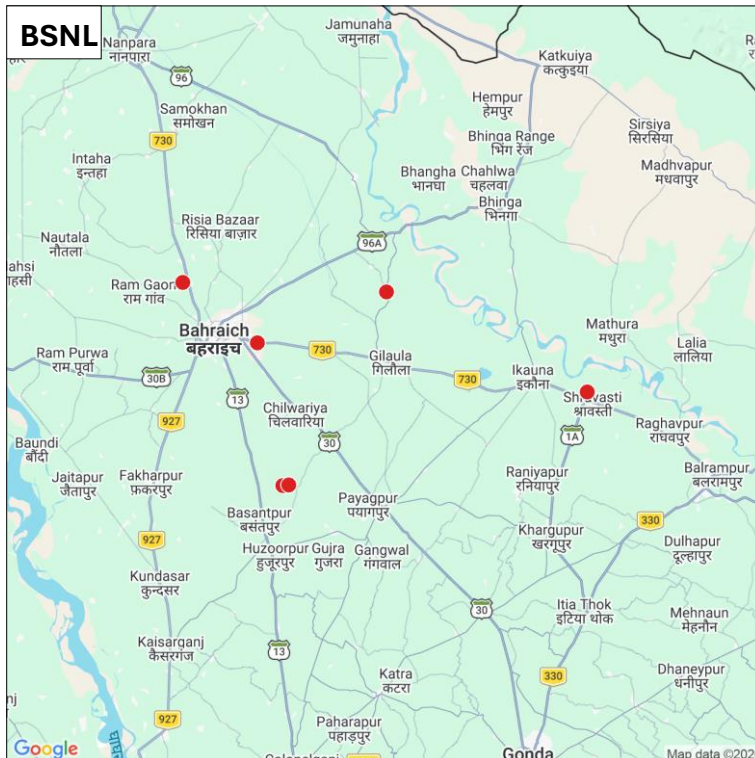
b) **Dropped Calls** - The TSP-wise details of dropped calls in auto-selection mode (5G/ 4G/ 3G/ 2G) are as below:

Parameter	AIRTEL	BSNL	RJIL	VIL
Number of successful Calls Established	205	159	206	205
Number of dropped Calls	1	6	0	1

Locations of Dropped Calls:



Drop call locations in auto-selection mode (5G/4G/3G/2G) voice - AIRTEL.



Drop call locations in auto-selection mode (5G/4G/3G/2G) voice - BSNL.



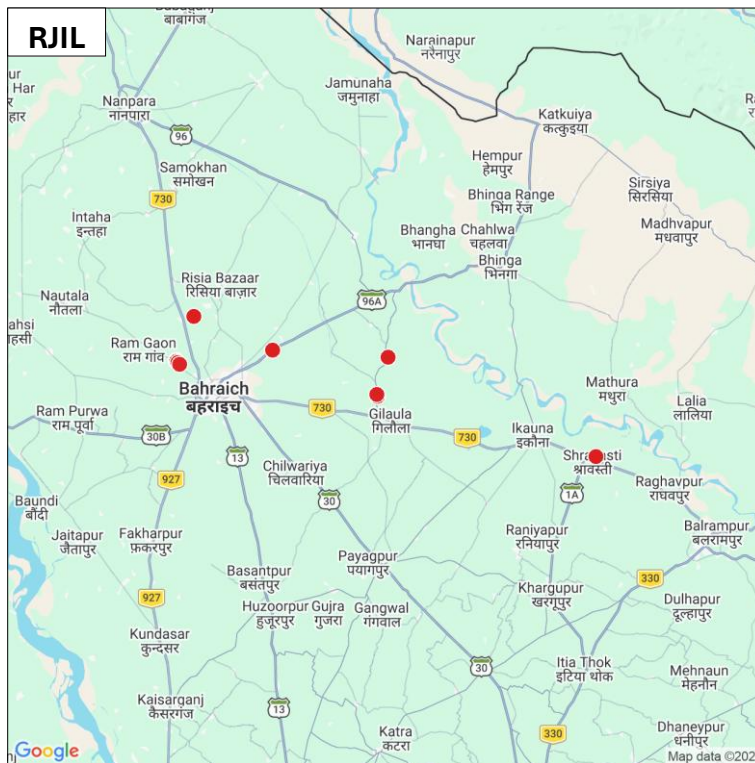
Drop call locations in auto-selection mode (5G/4G/3G/2G) voice - VIL.

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

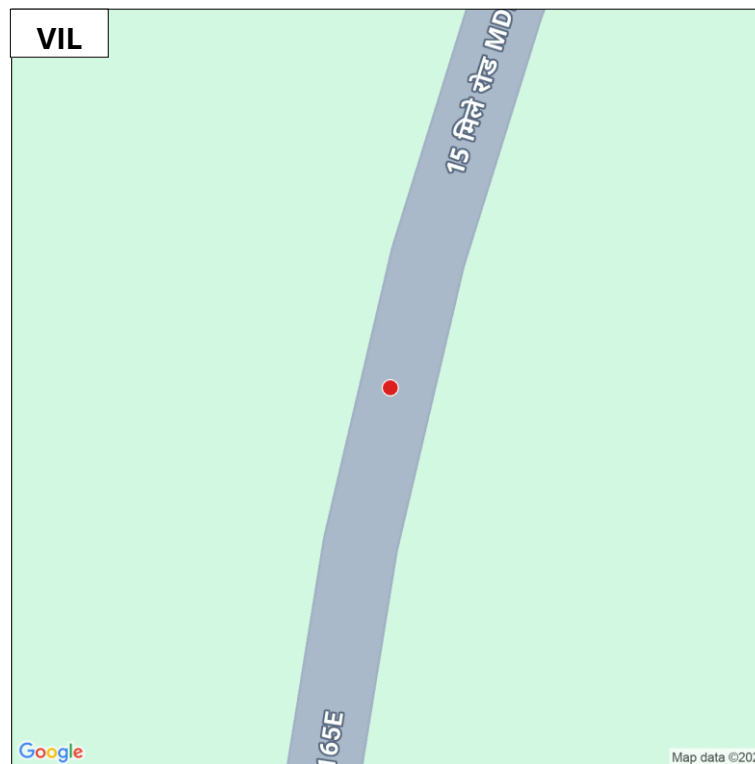
c) **Call Silence Instance** - The TSP-wise details of Call silence instance in Auto-selection mode (5G/4G) are as below:-

Parameter	AIRTEL	BSNL	RJIL	VIL
Call Established (within service provider network)	196	137	200	199
Number of silences calls for >3 Sec	0	NA	6	1
Total number of silence instances for >3 Sec	0	NA	10	1

Locations of Call Silence Instance



Number of silence instances for >3 Sec Mobile-to-Mobile (5G/4G-Open Mode) - RJIL.

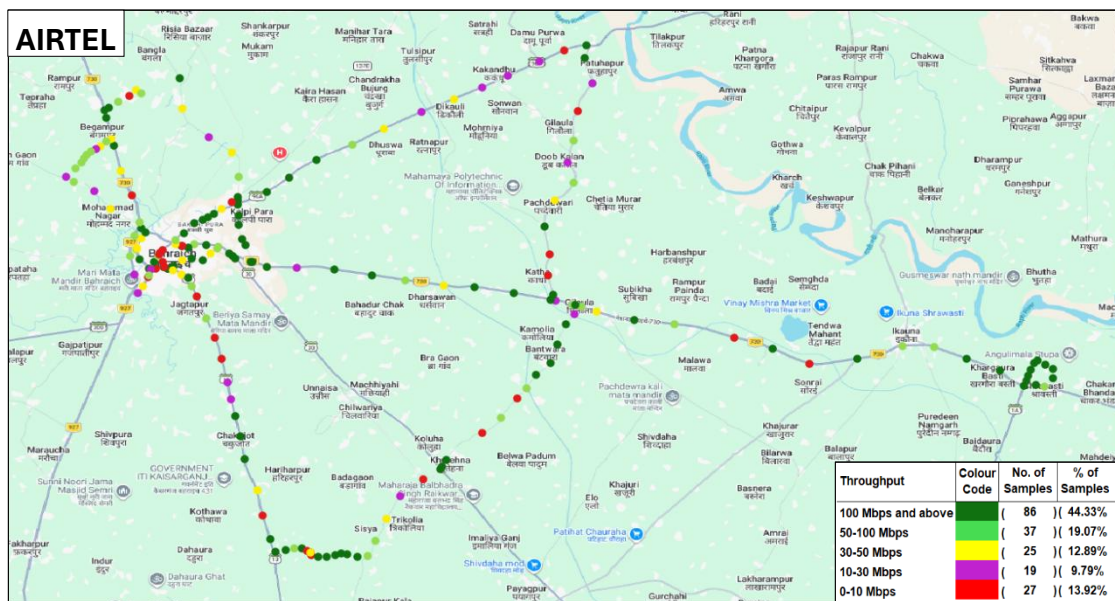


Number of silence instances for >3 Sec Mobile-to-Mobile (5G/4G-Open Mode) - VIL.

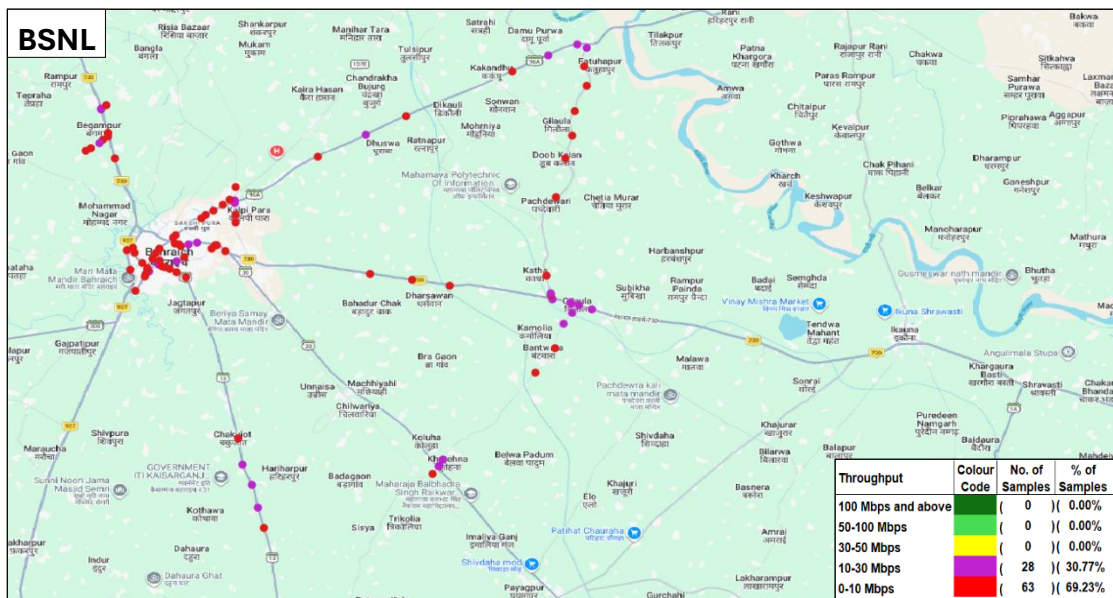
d) Data Download and Upload throughput: The TSP-wise details of **Average Download (DL)** and **Upload (UL)** throughput against declared typical DL/UL Throughput for month, in Auto-selection mode (5G/4G/3G/2G) are as below:

(i) Download Throughput

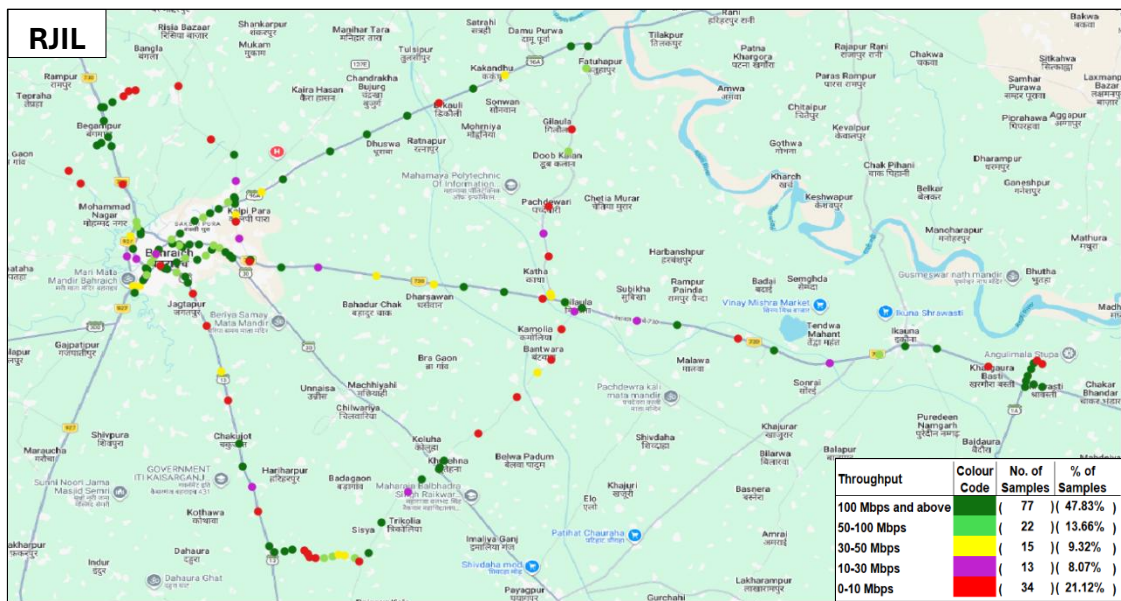
Parameter	Measured in	AIRTEL (upto 5G)	BSNL (upto 4G)	RJIL (upto 5G)	VIL (upto 5G)
Typical Download Throughput declared by TSP	(Mbits/s)	23.00	4.19	15.00	15.00
Average Download Throughput measured during IDT	(Mbits/s)	105.94	7.30	146.74	41.12



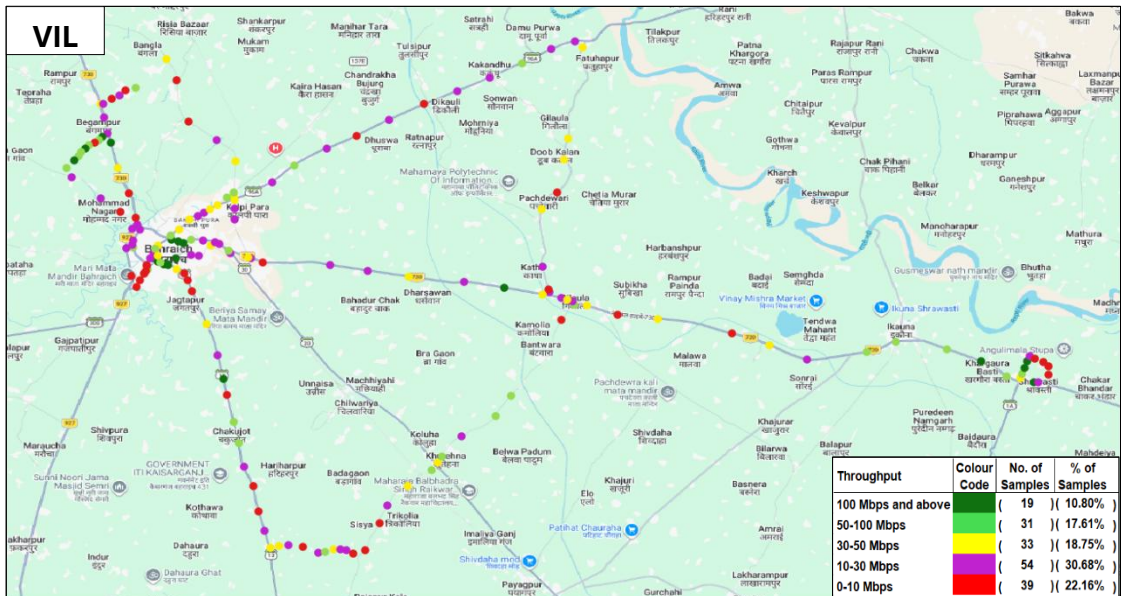
Download throughput distribution auto-selection mode (5G/4G/3G/2G) - AIRTEL.



Download throughput distribution auto-selection mode (5G/4G/3G/2G) - BSNL.



Download throughput distribution auto-selection mode (5G/4G/3G/2G) - RJIL.

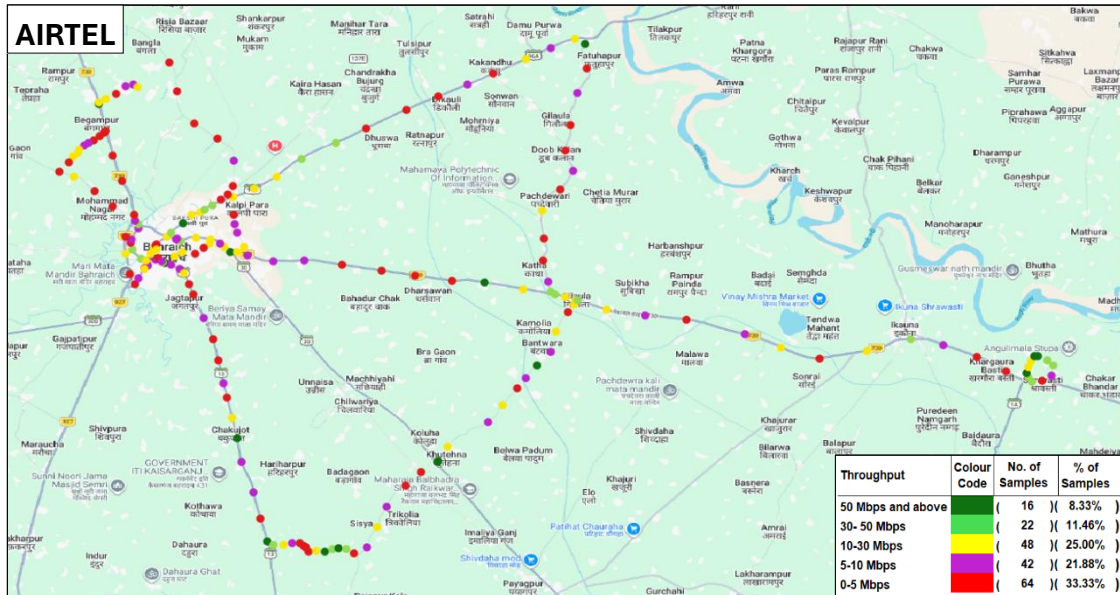


Download throughput distribution auto-selection mode (5G/4G/3G/2G) - VIL.

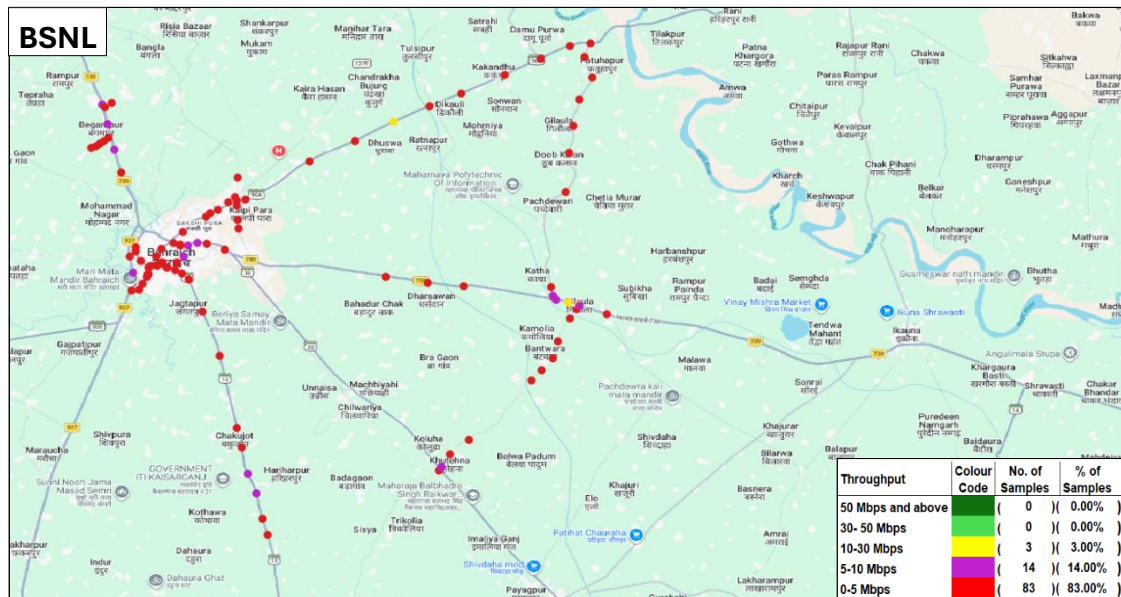
Note: Plot is based on Dynamic Drive Test results only.

(ii) Upload Throughput

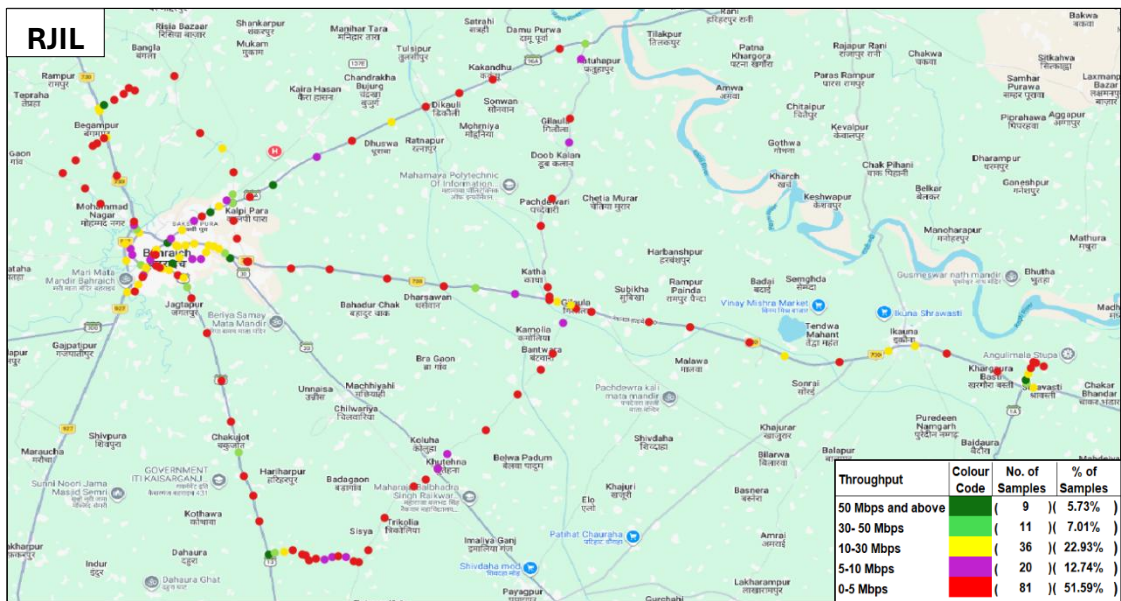
Parameter	Measured in	AIRTEL (upto 5G)	BSNL (upto 4G)	RJIL (upto 5G)	VIL (upto 5G)
Typical Upload Throughput declared by TSP	(Mbits/s)	10.00	3.61	7.00	8.00
Average Upload Throughput measured during IDT	(Mbits/s)	17.60	2.88	12.09	11.86



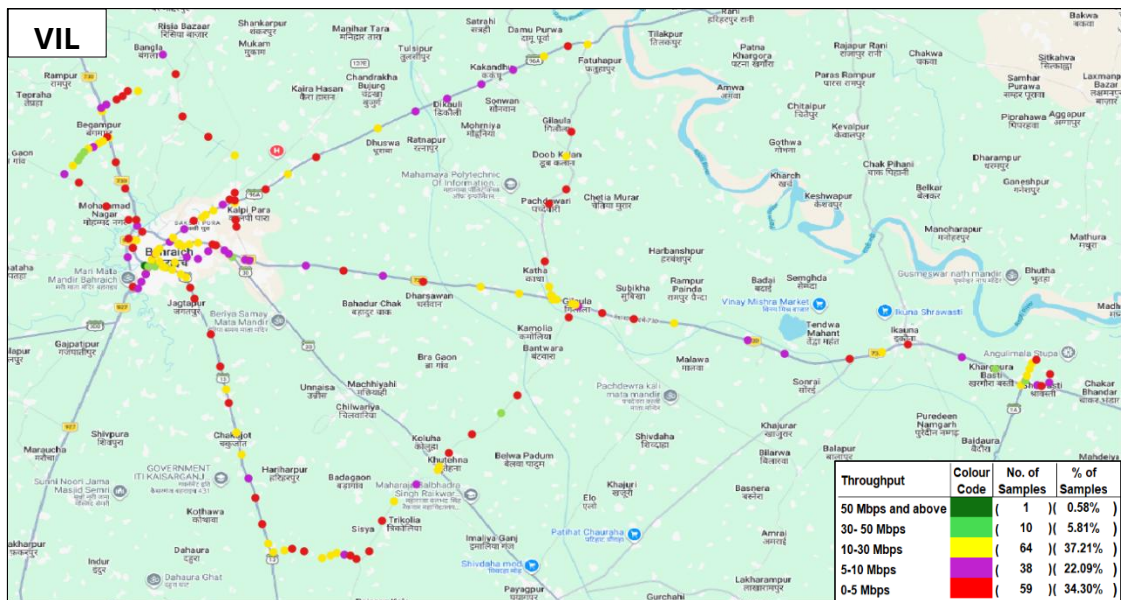
Upload throughput distribution auto-selection mode (5G/4G/3G/2G) – Airtel.



Upload throughput distribution auto-selection mode (5G/4G/3G/2G) - BSNL.



Upload throughput distribution auto-selection mode (5G/4G/3G/2G) - RJIL.



Upload throughput distribution auto-selection mode (5G/4G/3G/2G) - VIL.

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

Balrampur:-

- a) **Coverage Gap** - The coverage distribution found less than the minimum specified signal strength for the drive test route in auto-selection mode (5G/4G/3G/2G) during voice testing, is as below: -

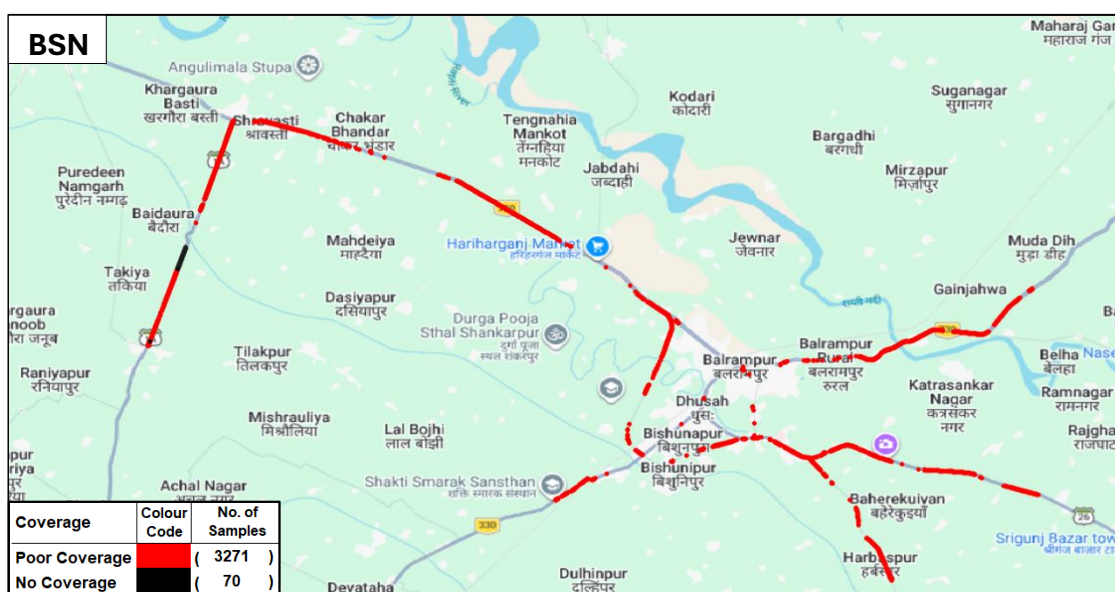
Parameter	AIRTEL	BSNL	RJIL	VIL
Total Number of Samples captured on Drive test route	8605	7994	8466	8666
Number of Samples having poor signal strength	114	3271	411	159
Number of Samples having limited service (No Coverage)	0	70	0	0

Note: Signal strength has been considered poor if it falls below -110 dBm for 5G & 4G, -90 dBm for 3G, and -85 dBm for 2G.

Coverage Gap observed



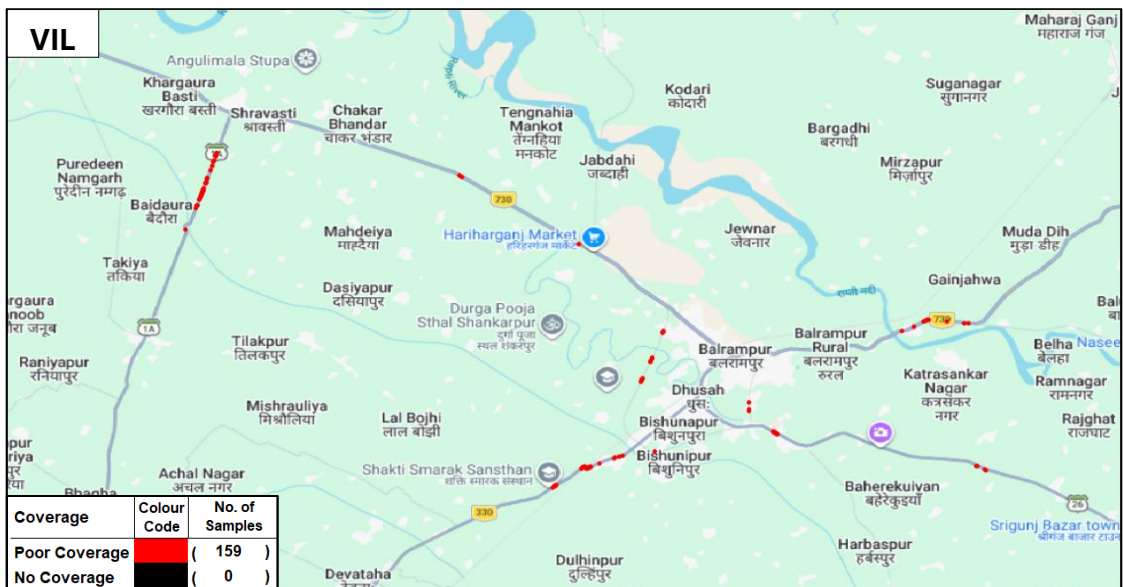
Poor coverage & no coverage locations in auto-selection mode (5G/4G/3G/2G) voice - AIRTEL.



Poor coverage & no coverage locations in auto-selection mode (5G/4G/3G/2G) voice - BSNL.



Poor coverage & no coverage locations in auto-selection mode (5G/4G/3G/2G) voice –RJIL.



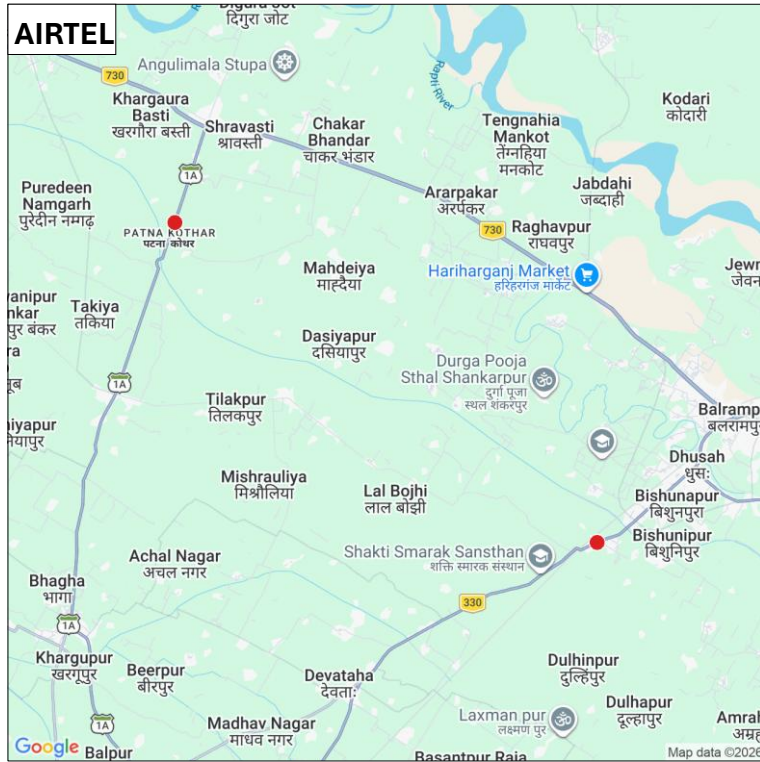
Poor coverage & no coverage locations in auto-selection mode (5G/4G/3G/2G) voice - VIL.

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

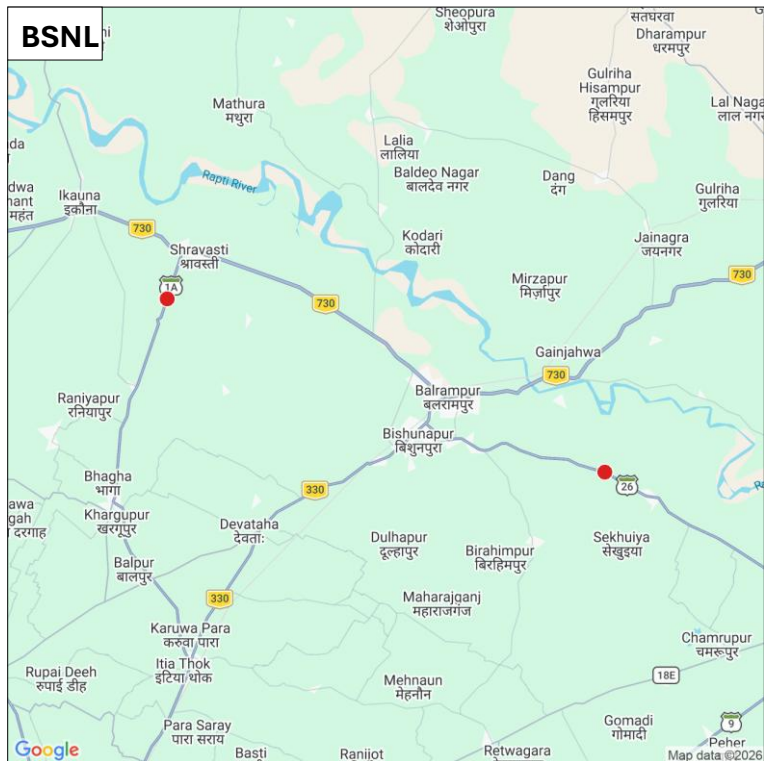
b) **Dropped Calls** - The TSP-wise details of dropped calls in auto-selection mode (5G/ 4G/ 3G/ 2G) are as below:

Parameter	AIRTEL	BSNL	RJIL	VIL
Number of successful Calls Established	78	72	78	78
Number of dropped Calls	2	2	0	0

Locations of Dropped Calls



Drop call locations in auto-selection mode (5G/4G/3G/2G) voice - AIRTEL.



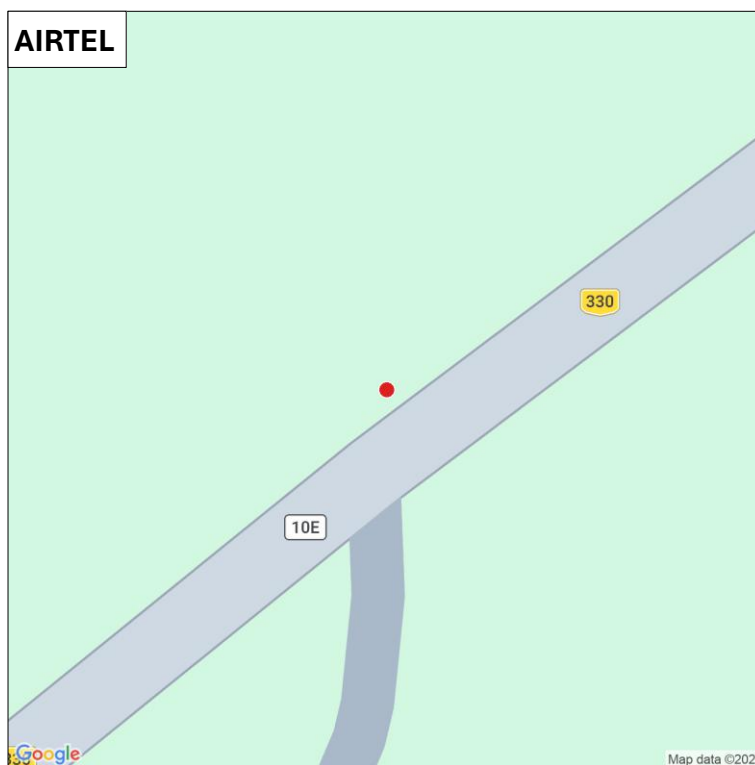
Drop call locations in auto-selection mode (5G/4G/3G/2G) voice - BSNL.

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

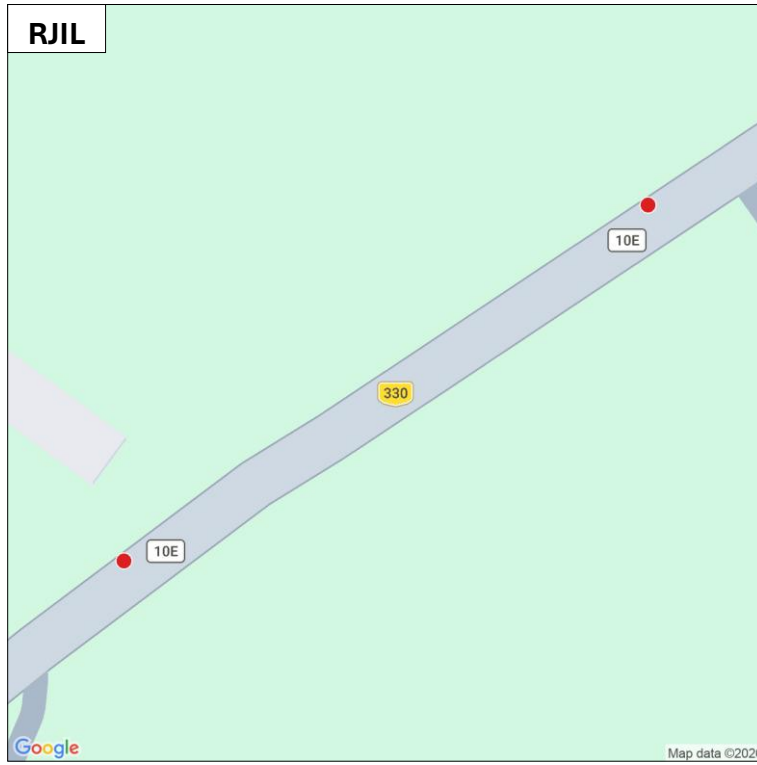
c) **Call Silence Instance** - The TSP-wise details of Call silence instance in Auto-selection mode (5G/4G) are as below:-

Parameter	AIRTEL	BSNL	RJIL	VIL
Call Established (within service provider network)	73	56	74	73
Number of silences calls for >3 Sec	1	NA	1	0
Total number of silence instances for >3 Sec	1	NA	2	0

Locations of Call Silence Instance



Number of silence instances for >3 Sec Mobile-to-Mobile (5G/4G-Open Mode) - AIRTEL.



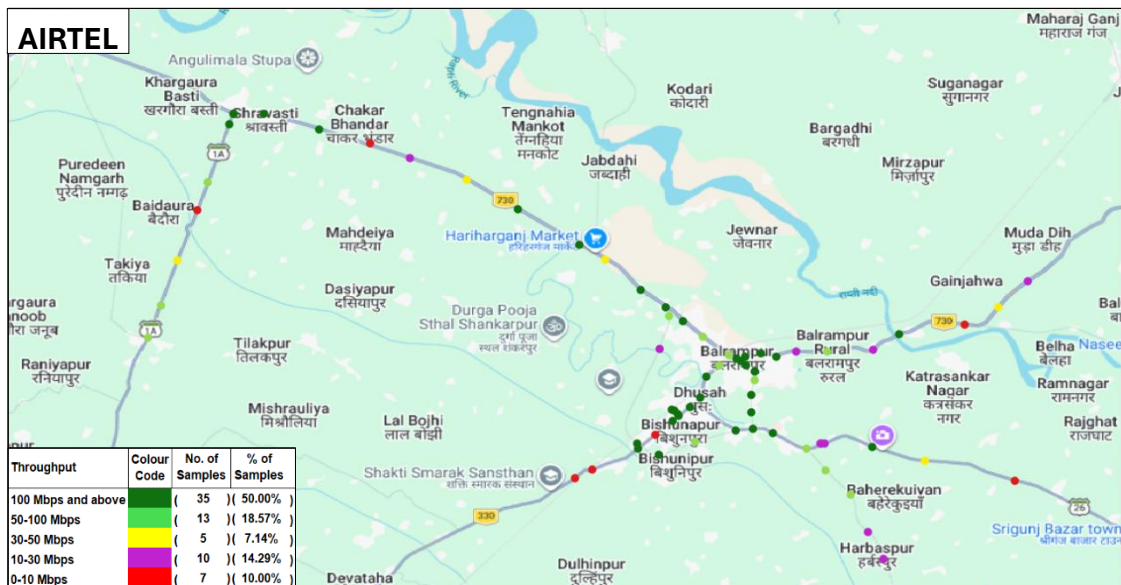
Number of silence instances for >3 Sec Mobile-to-Mobile (5G/4G-Open Mode) - RJIL.

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

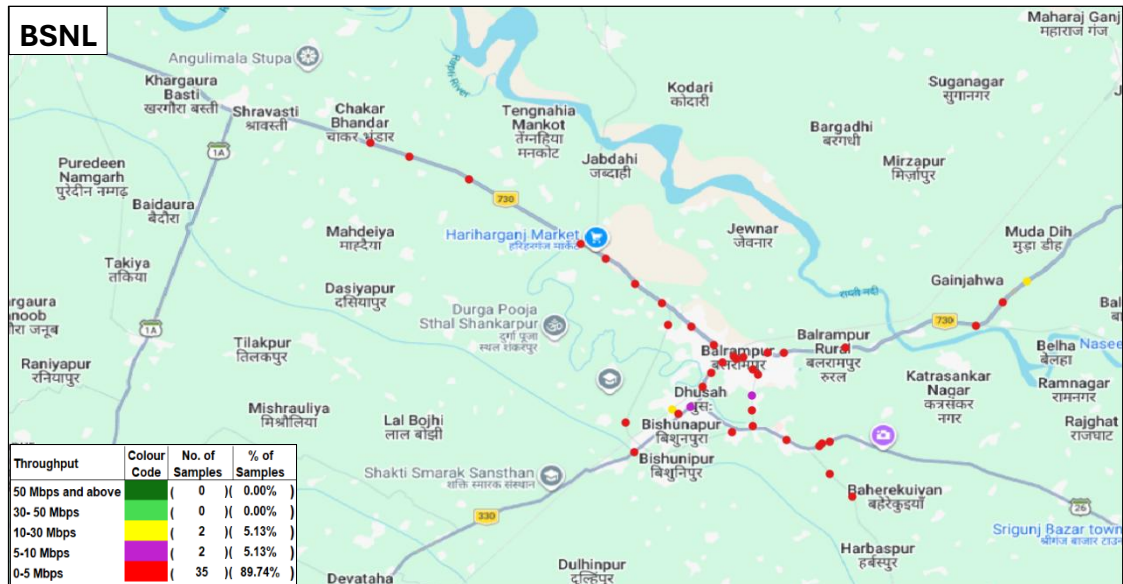
d) Data Download and Upload throughput: The TSP-wise details of **Average Download (DL)** and **Upload (UL) throughput** against declared typical DL/UL Throughput for month, in Auto-selection mode (5G/4G/3G/2G) are as below:

(i) Download Throughput

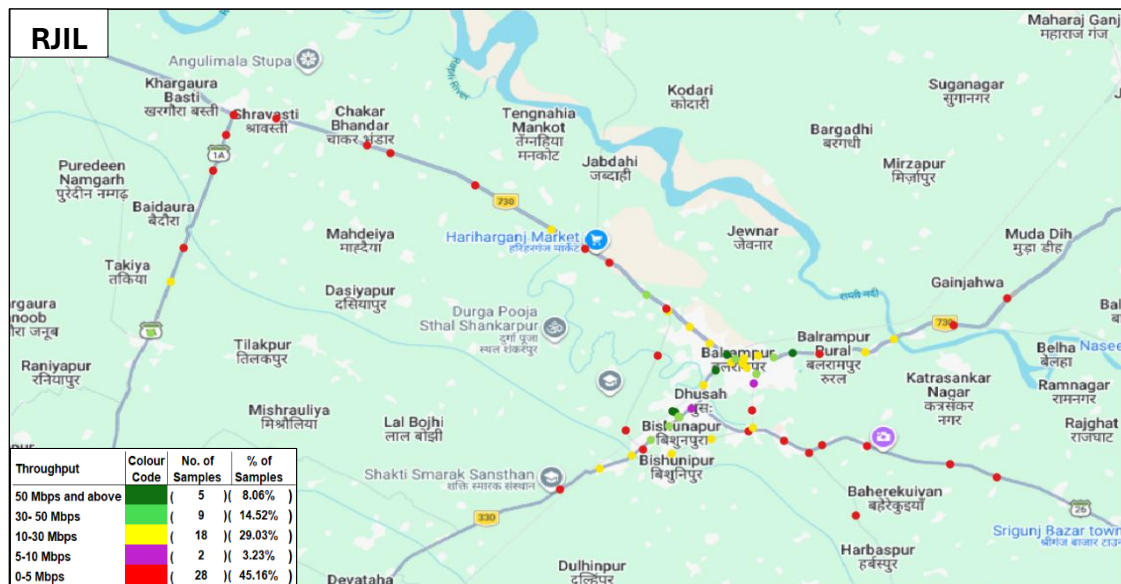
Parameter	Measured in	AIRTEL (upto 5G)	BSNL (upto 4G)	RJIL (upto 5G)	VIL (upto 4G)
Typical Download Throughput declared by TSP	(Mbits/s)	23.00	4.19	15.00	15.00
Average Download Throughput measured during IDT	(Mbits/s)	130.93	4.09	167.93	31.66



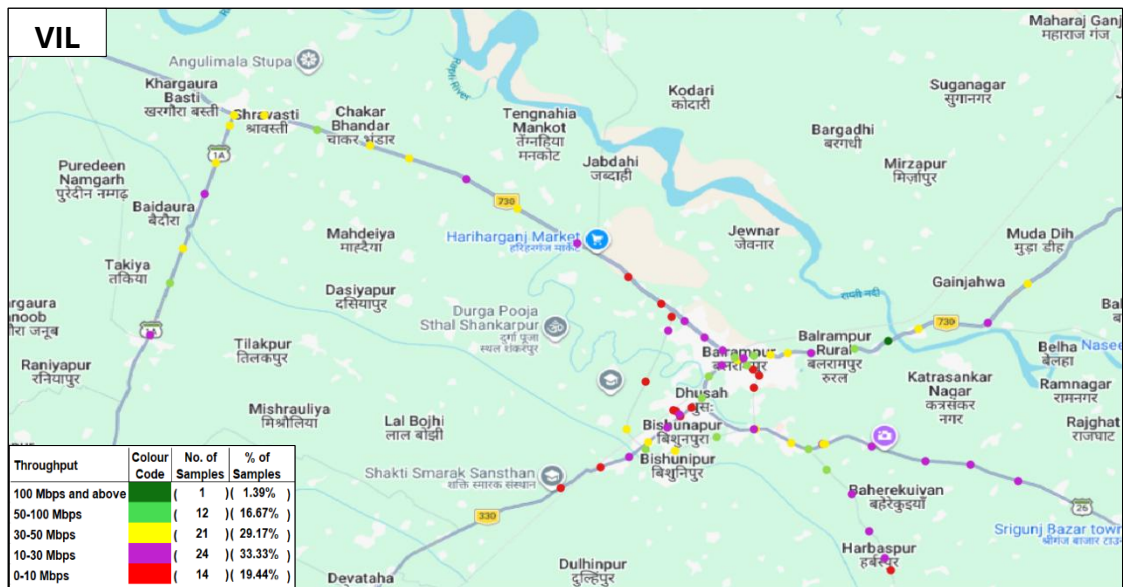
Download throughput distribution auto-selection mode (5G/4G/3G/2G) - AIRTEL.



Download throughput distribution auto-selection mode (5G/4G/3G/2G) - BSNL.



Upload throughput distribution auto-selection mode (5G/4G/3G/2G) - RJIL.

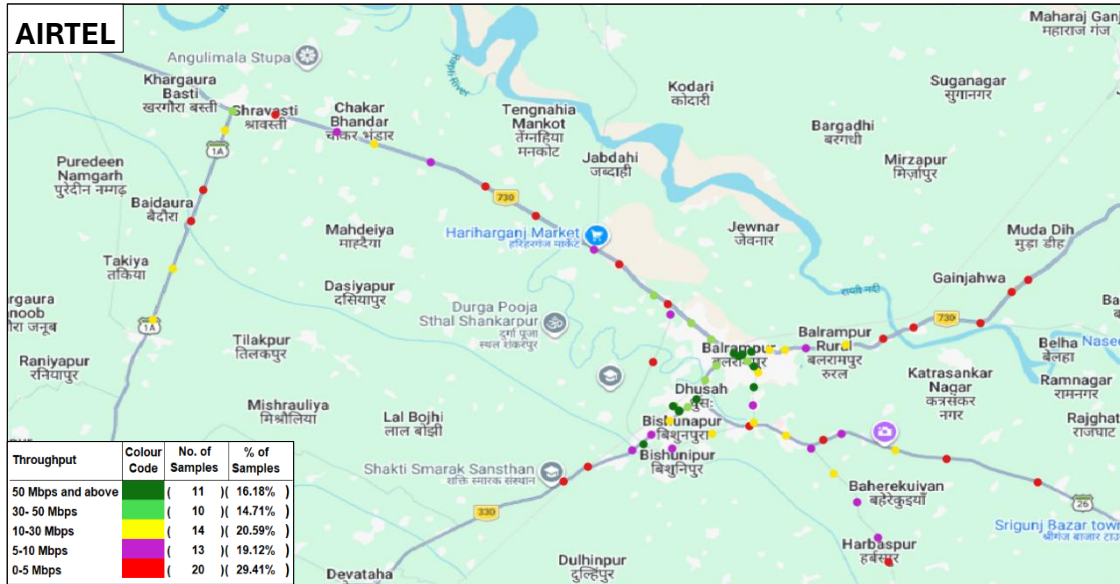


Download throughput distribution auto-selection mode (5G/4G/3G/2G) - VIL.

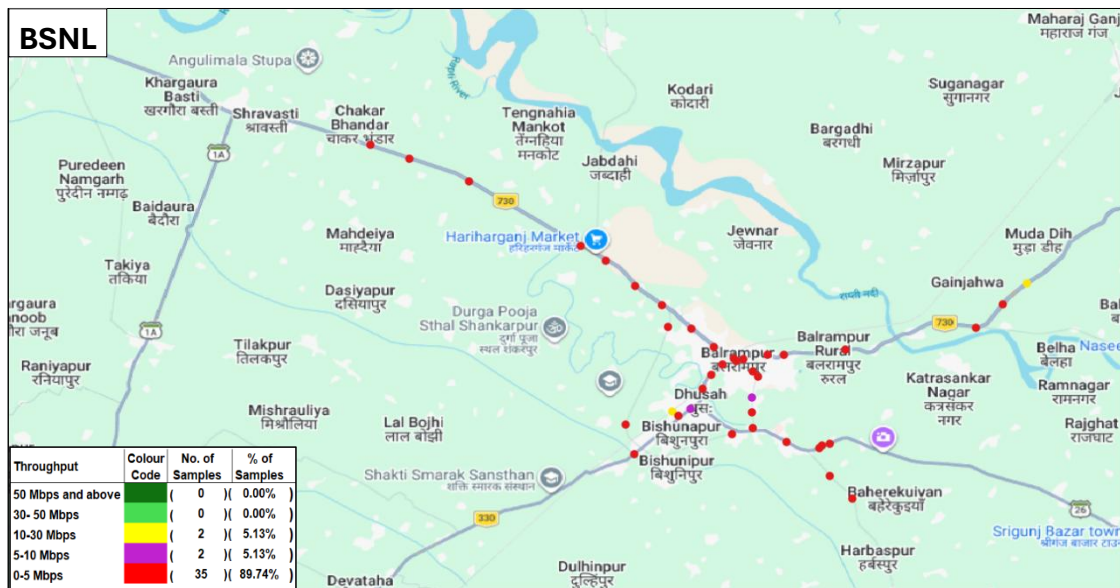
Note: Plot is based on Dynamic Drive Test results only.

(ii) Upload Throughput

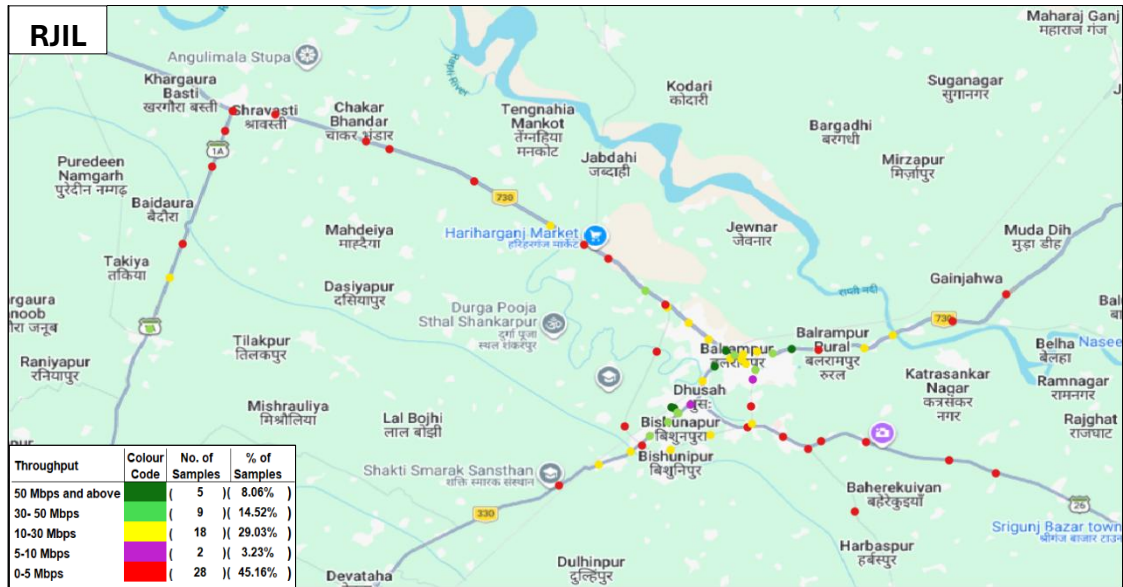
Parameter	Measured in	AIRTEL (upto 5G)	BSNL (upto 4G)	RJIL (upto 5G)	VIL (upto 4G)
Typical Upload Throughput declared by TSP	(Mbps/s)	10.00	3.61	7.00	8.00
Average Upload Throughput measured during IDT	(Mbps/s)	21.40	2.16	16.90	12.79



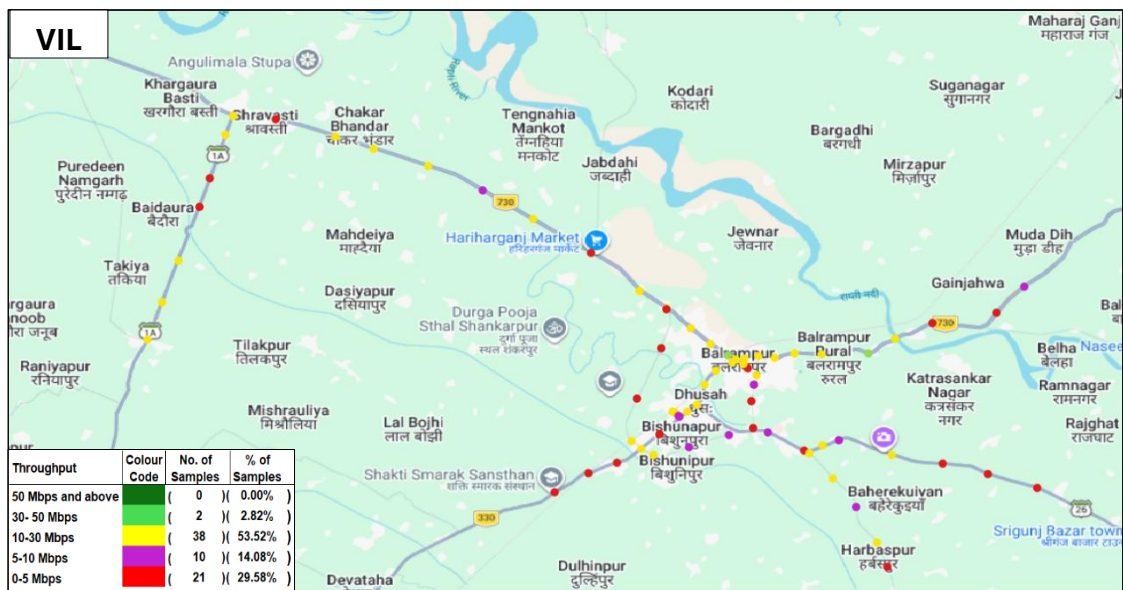
Upload throughput distribution auto-selection mode (5G/4G/3G/2G) - AIRTEL.



Upload throughput distribution auto-selection mode (5G/4G/3G/2G) - BSNL.



Upload throughput distribution auto-selection mode (5G/4G/3G/2G) - RJIL.



Upload throughput distribution auto-selection mode (5G/4G/3G/2G) - VIL.

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

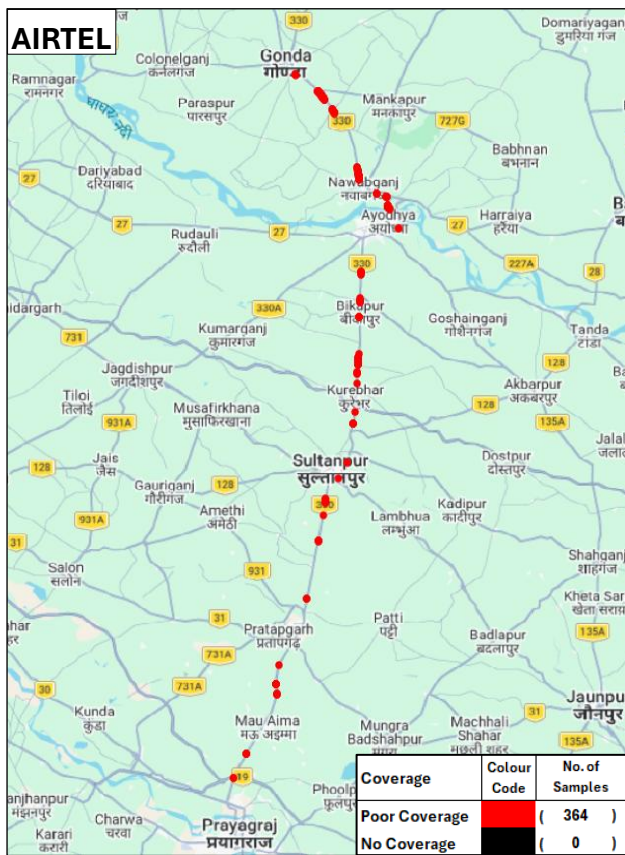
Prayagraj to Gonda Highway:-

- a) **Coverage Gap** - The coverage distribution found less than the minimum specified signal strength for the drive test route in auto-selection mode (5G/4G/3G/2G) during voice testing, is as below: -

Parameter	AIRTEL	BSNL	RJIL	VIL
Total Number of Samples captured on Drive test route	19873	17748	19765	19913
Number of Samples having poor signal strength	364	8799	332	813
Number of Samples having limited service (No Coverage)	0	419	0	0

Note: Signal strength has been considered poor if it falls below -110 dBm for 5G & 4G, -90 dBm for 3G, and -85 dBm for 2G.

Coverage Gap observed



Poor coverage & no coverage locations in auto-selection mode (5G/4G/3G/2G) voice - AIRTEL.



Poor coverage & no coverage locations in auto-selection mode (5G/4G/3G/2G) voice - BSNL.



Poor coverage & no coverage locations in auto-selection mode (5G/4G/3G/2G) voice - RJIL.



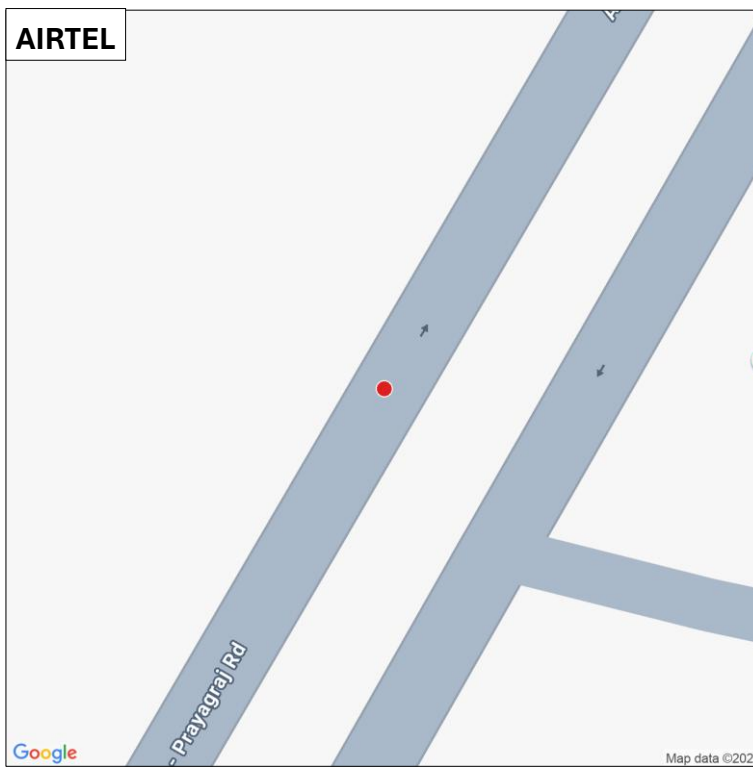
Poor coverage & no coverage locations in auto-selection mode (5G/4G/3G/2G) voice - VIL.

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

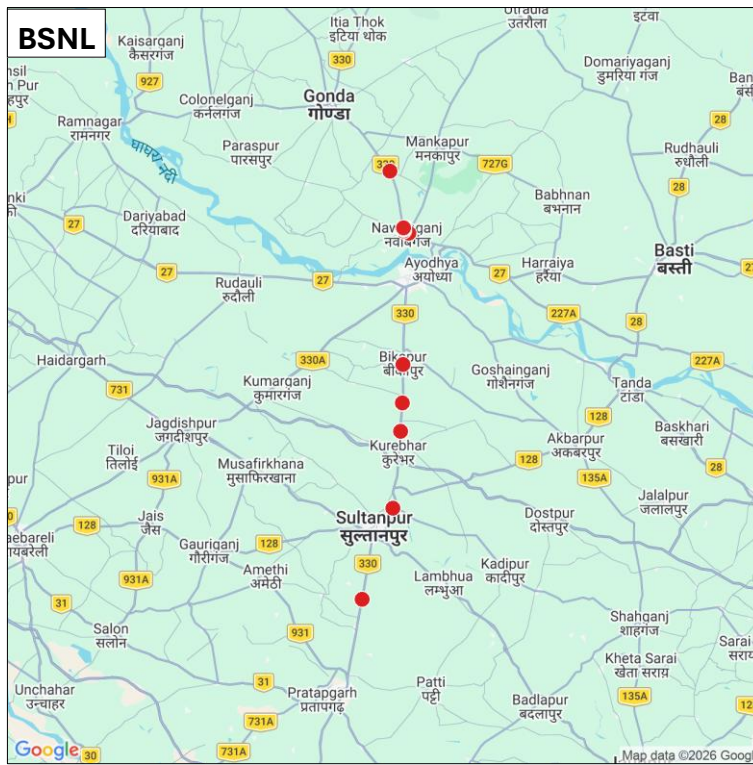
b) Dropped Calls - The TSP-wise details of dropped calls in auto-selection mode (5G/ 4G/ 3G/ 2G) are as below:

Parameter	AIRTEL	BSNL	RJIL	VIL
Number of successful Calls Established	98	91	99	98
Number of dropped Calls	1	10	1	0

Locations of Dropped Calls



Drop call locations in auto-selection mode (5G/4G/3G/2G) voice - AIRTEL.



Drop call locations in auto-selection mode (5G/4G/3G/2G) voice - BSNL.



Drop call locations in auto-selection mode (5G/4G/3G/2G) voice – RJIL.

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

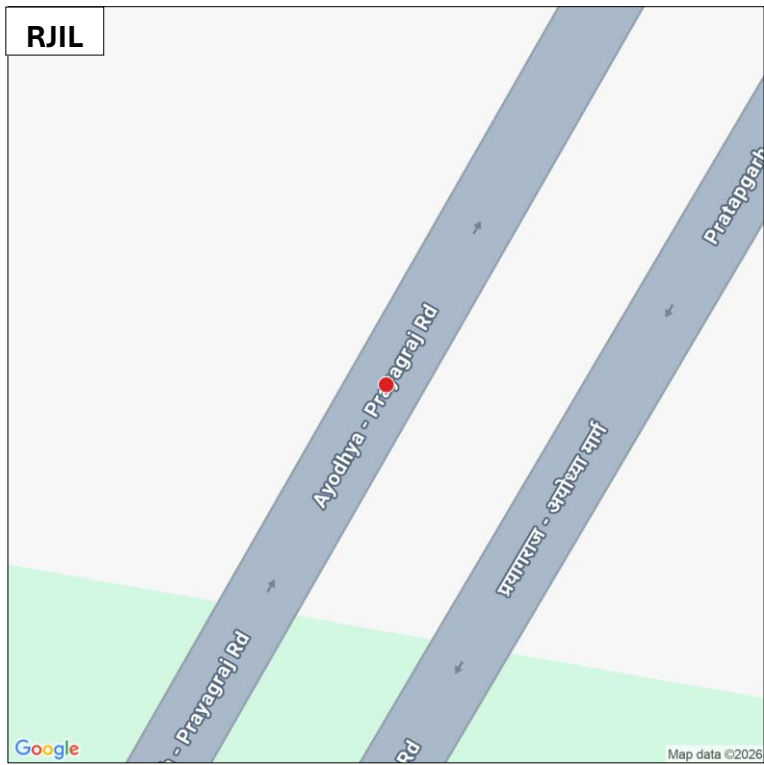
c) **Call Silence Instance** - The TSP-wise details of Call silence instance in Auto-selection mode (5G/4G) are as below:-

Parameter	AIRTEL	BSNL	RJIL	VIL
Call Established (within service provider network)	96	70	94	97
Number of silences calls for >3 Sec	1	NA	1	2
Total number of silence instances for >3 Sec	1	NA	1	2

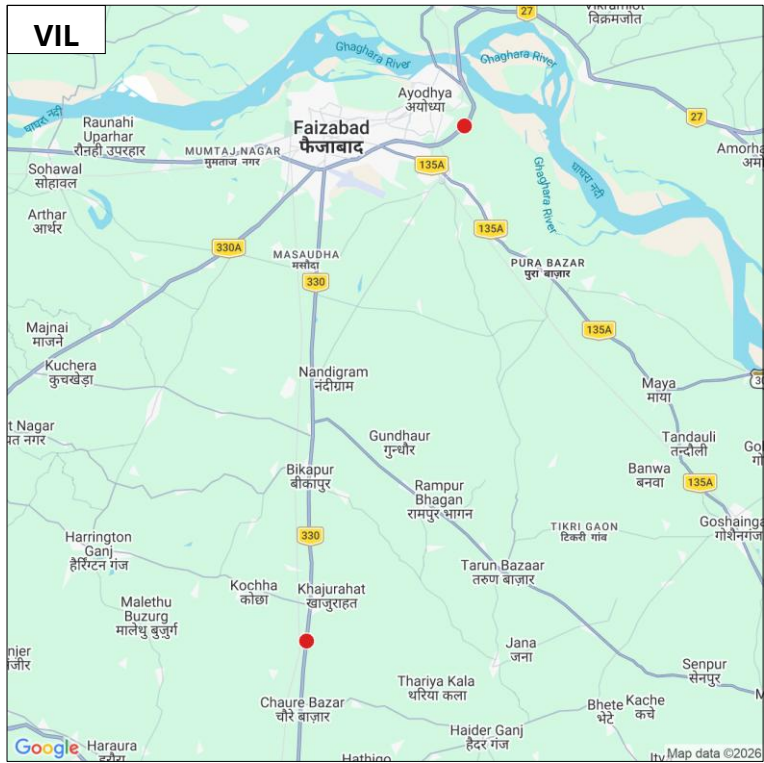
Locations of Call Silence Instance



Number of silence instances for >3 Sec Mobile-to-Mobile (5G/4G-Open Mode) AIRTEL.



Number of silence instances for >3 Sec Mobile-to-Mobile (5G/4G-Open Mode)-RJIL.



Number of silence instances for >3 Sec Mobile-to-Mobile (5G/4G-Open Mode)-VIL.

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

d) Data Download and Upload throughput: The TSP-wise details of **Average Download (DL)** and **Upload (UL)** throughput against declared typical DL/UL Throughput for month, in Auto-selection mode (5G/4G/3G/2G) are as below:

(i) Download Throughput

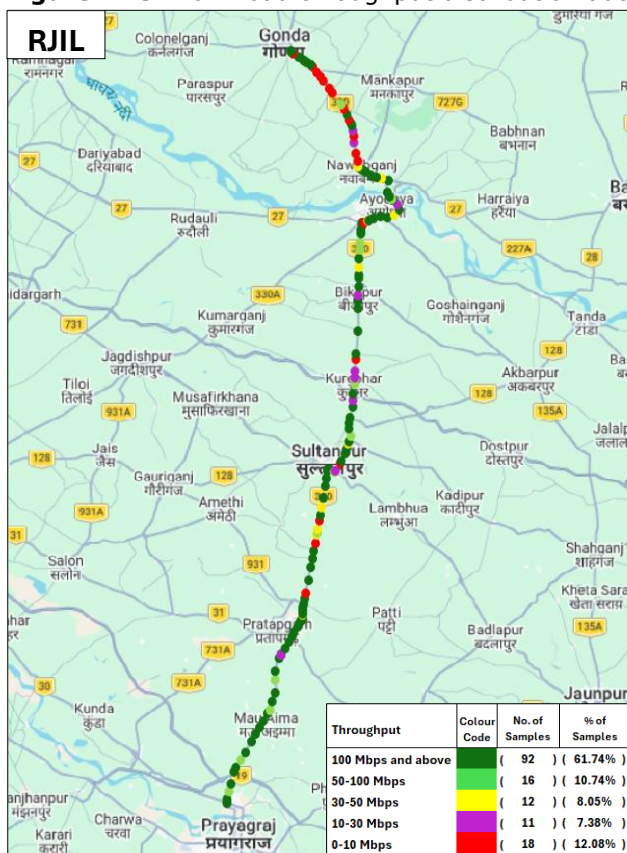
Parameter	Measured in	AIRTEL (upto 5G)	BSNL (upto 4G)	RJIL (upto 5G)	VIL (upto 5G)
Typical Download Throughput declared by TSP	(Mbits/s)	23.00	4.19	15.00	15.00
Average Download Throughput measured during IDT	(Mbits/s)	87.92	6.54	183.83	46.43



Download throughput distribution auto-selection mode (5G/4G/3G/2G) - AIRTEL.



Figure-148: Download throughput distribution auto-selection mode (5G/4G/3G/2G) - BSNL.



Download throughput distribution auto-selection mode (5G/4G/3G/2G) - RJIL.

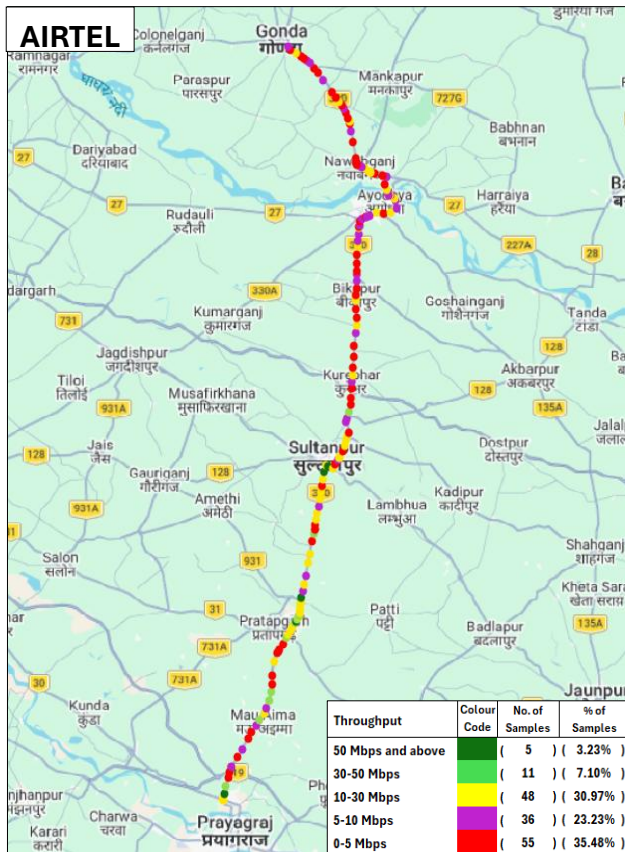


Download throughput distribution auto-selection mode (5G/4G/3G/2G) - VIL.

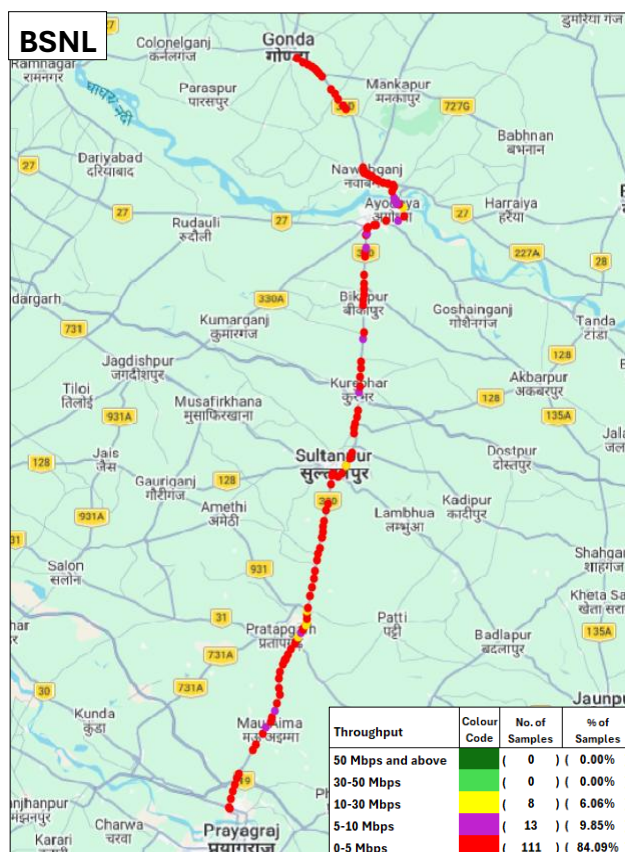
Note: Plot is based on Dynamic Drive Test results only.

(ii) Upload Throughput

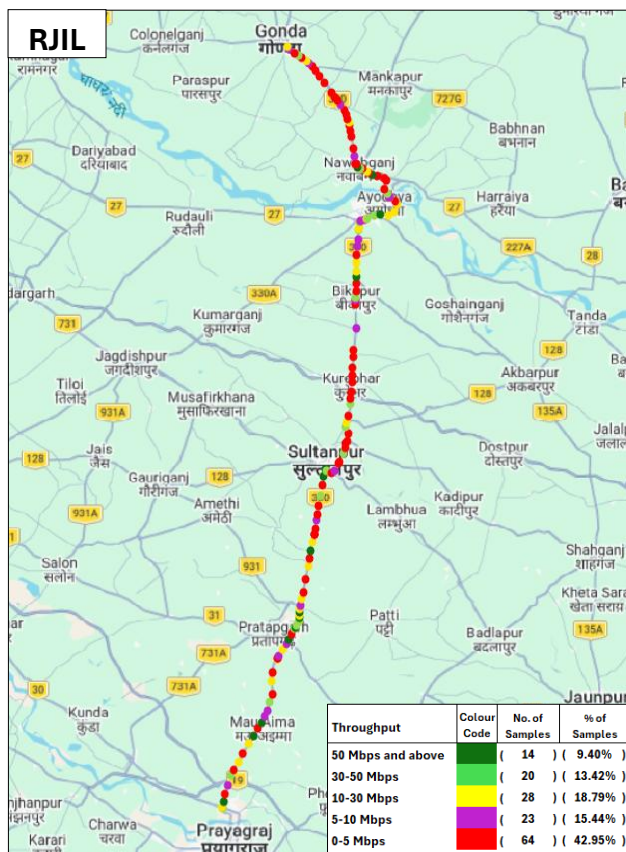
Parameter	Measured in	AIRTEL (upto 5G)	BSNL (upto 4G)	RJIL (upto 5G)	VIL (upto 5G)
Typical Upload Throughput declared by TSP	(Mbits/s)	10.00	3.61	7.00	8.00
Average Upload Throughput measured during IDT	(Mbits/s)	13.03	2.92	16.43	12.42



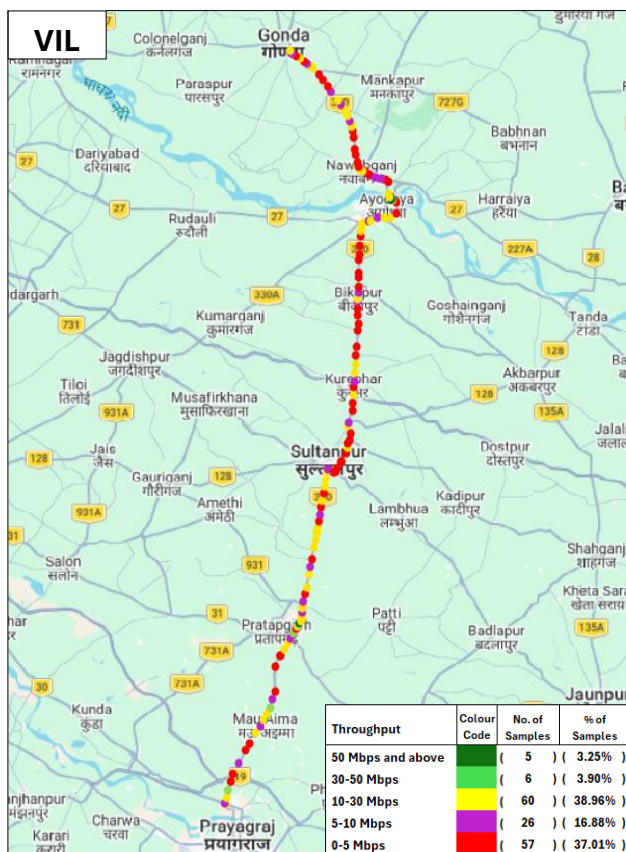
Upload throughput distribution auto-selection mode (5G/4G/3G/2G) - AIRTEL.



Upload throughput distribution auto-selection mode (5G/4G/3G/2G) - BSNL.



Upload throughput distribution auto-selection mode (5G/4G/3G/2G) - RJIL.



Upload throughput distribution auto-selection mode (5G/4G/3G/2G) - VIL.

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

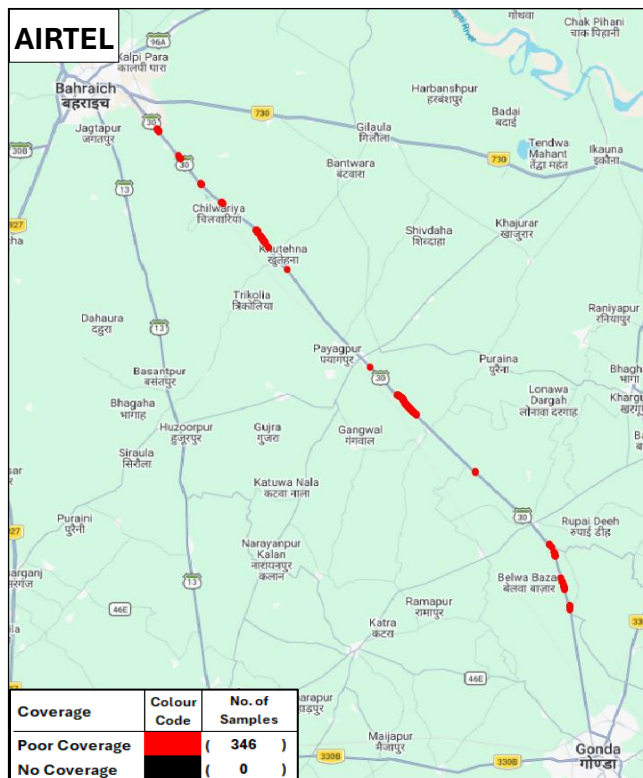
Gonda to Bahraich Highway:-

- a) **Coverage Gap** - The coverage distribution found less than the minimum specified signal strength for the drive test route in auto-selection mode (5G/4G/3G/2G) during voice testing, is as below: -

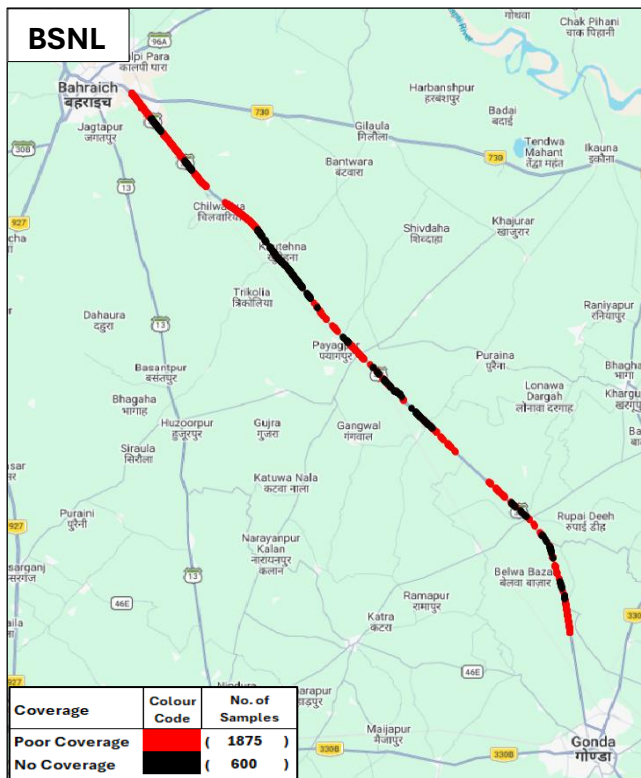
Parameter	AIRTEL	BSNL	RJIL	VIL
Total Number of Samples captured on Drive test route	4830	2208	4699	4800
Number of Samples having poor signal strength	346	1875	328	939
Number of Samples having limited service (No Coverage)	0	600	37	0

Note: Signal strength has been considered poor if it falls below -110 dBm for 5G & 4G, -90 dBm for 3G, and -85 dBm for 2G.

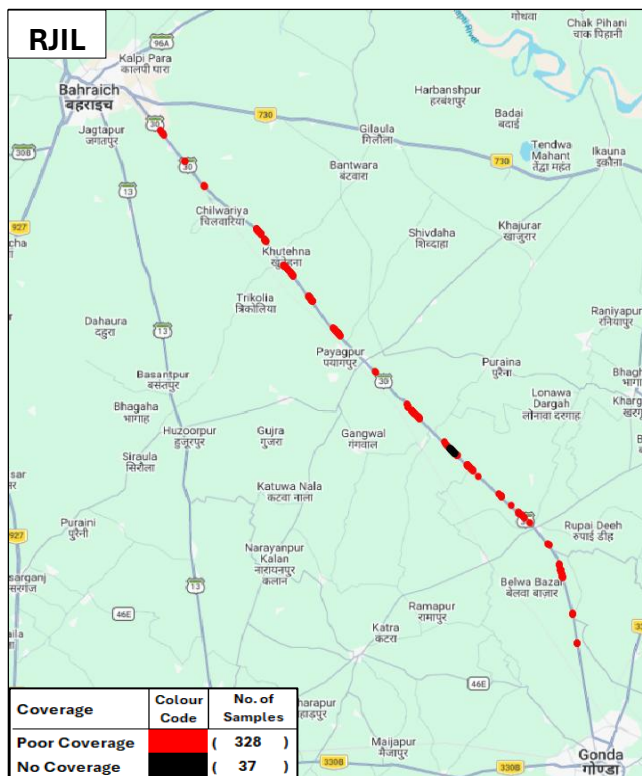
Coverage Gap observed



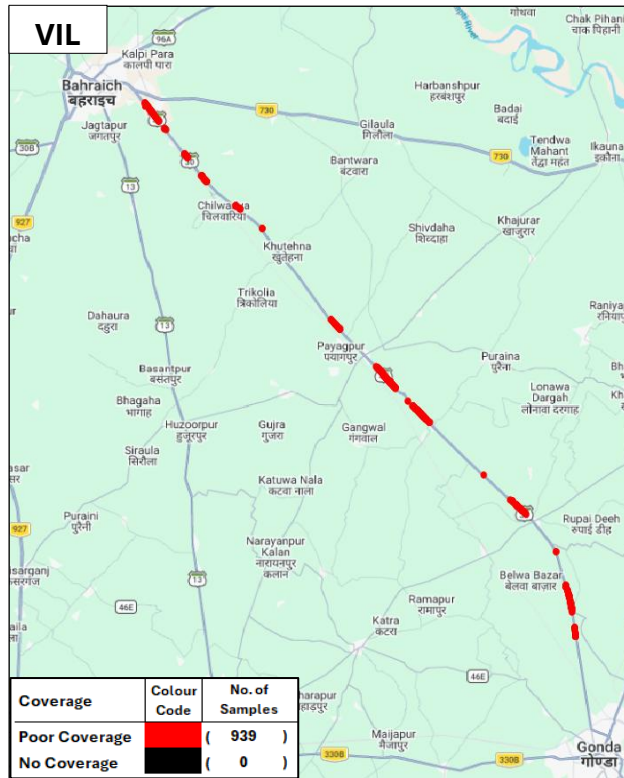
Poor coverage & no coverage locations in auto-selection mode (5G/4G/3G/2G) voice - AIRTEL.



Poor coverage & no coverage locations in auto-selection mode (5G/4G/3G/2G) voice - BSNL.



Poor coverage & no coverage locations in auto-selection mode (5G/4G/3G/2G) voice - RJIL.



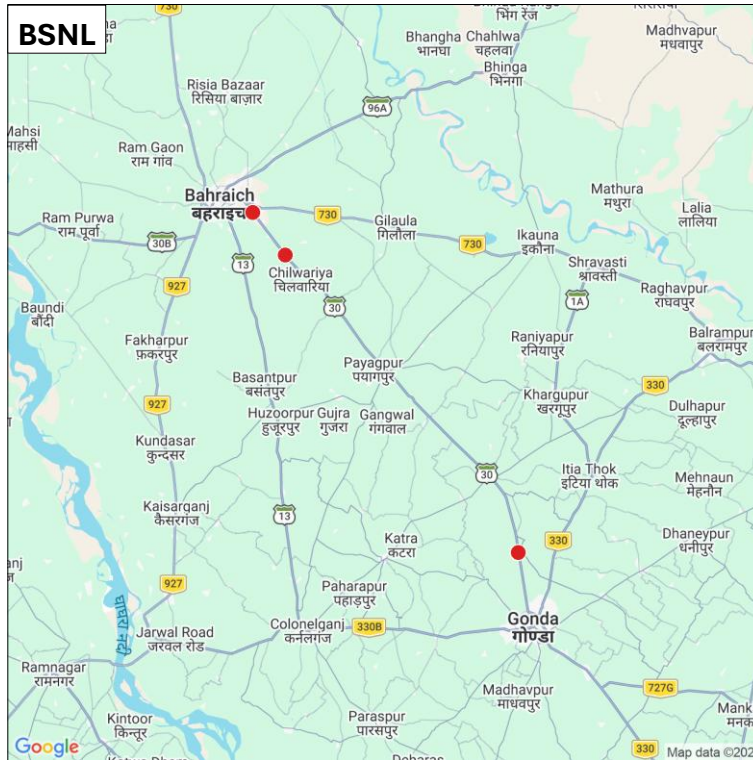
Poor coverage & no coverage locations in auto-selection mode (5G/4G/3G/2G) voice - VIL.

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) are as below:

Parameter	AIRTEL	BSNL	RJIL	VIL
Number of successful Calls Established	25	9	25	25
Number of dropped Calls	0	3	0	0

Locations of Dropped Calls



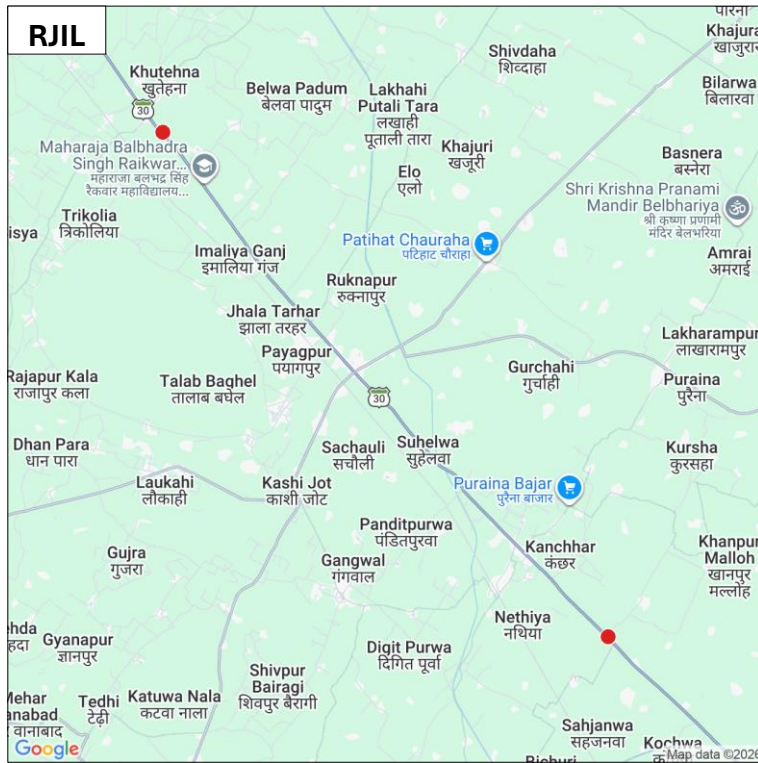
Drop call locations in auto-selection mode (5G/4G/3G/2G) voice - BSNL.

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

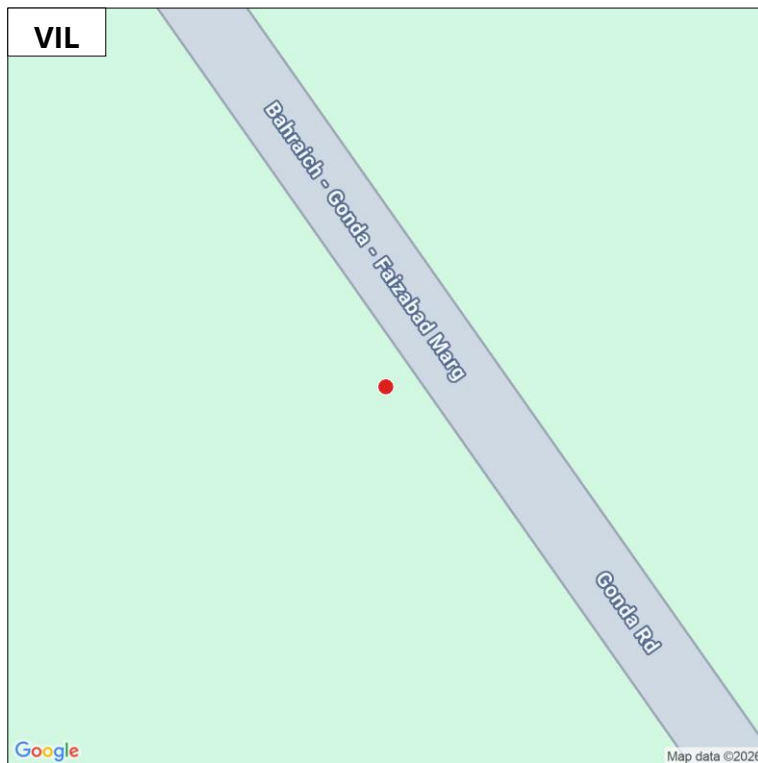
c) **Call Silence Instance** - The TSP-wise details of Call silence instance in Auto-selection mode (5G/4G) are as below:-

Parameter	AIRTEL	BSNL	RJIL	VIL
Call Established (within service provider network)	24	8	25	25
Number of silences calls for >3 Sec	0	NA	2	1
Total number of silence instances for >3 Sec	0	NA	2	1

Locations of Call Silence Instance



Number of silence instances for >3 Sec Mobile-to-Mobile (5G/4G-Open Mode)-RJIL.



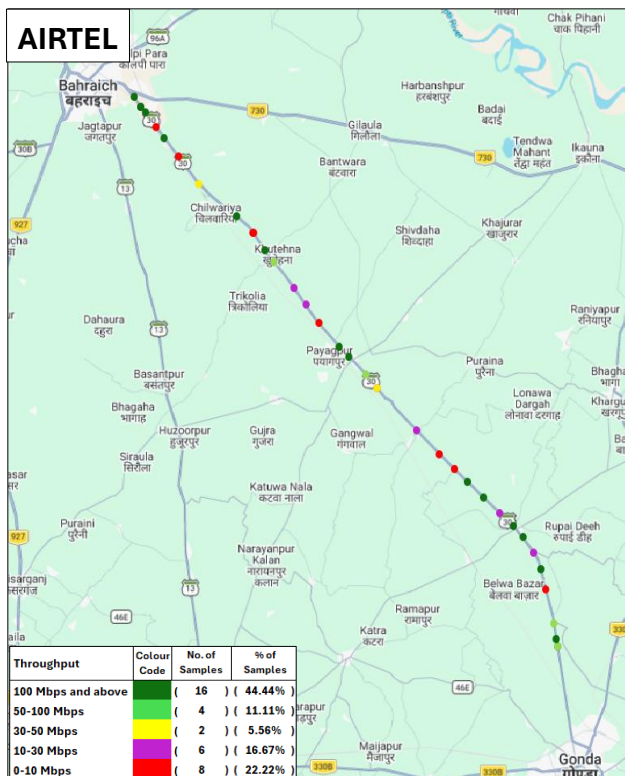
Number of silence instances for >3 Sec Mobile-to-Mobile (5G/4G-Open Mode)-VIL.

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

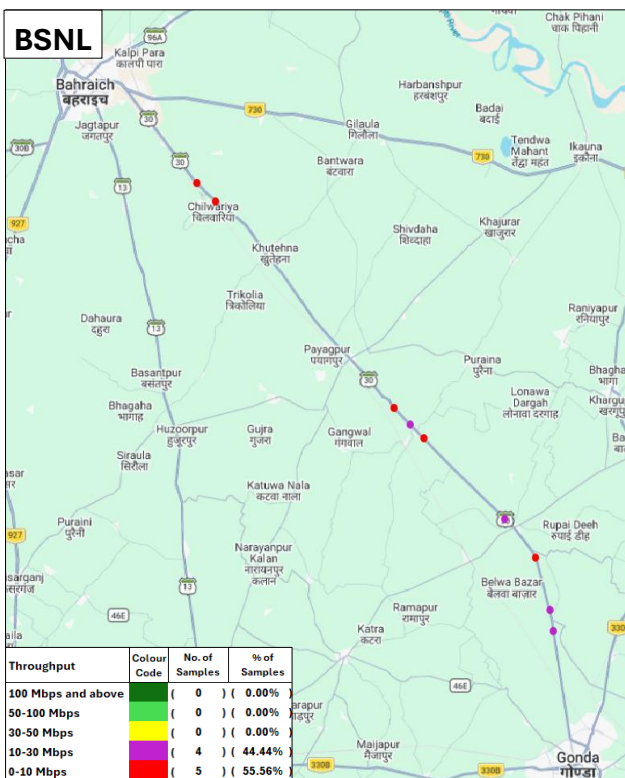
d) Data Download and Upload throughput: The TSP-wise details of **Average Download (DL)** and **Upload (UL)** throughput against declared typical DL/UL Throughput for month, in Auto-selection mode (5G/4G/3G/2G) are as below:

(i) Download Throughput

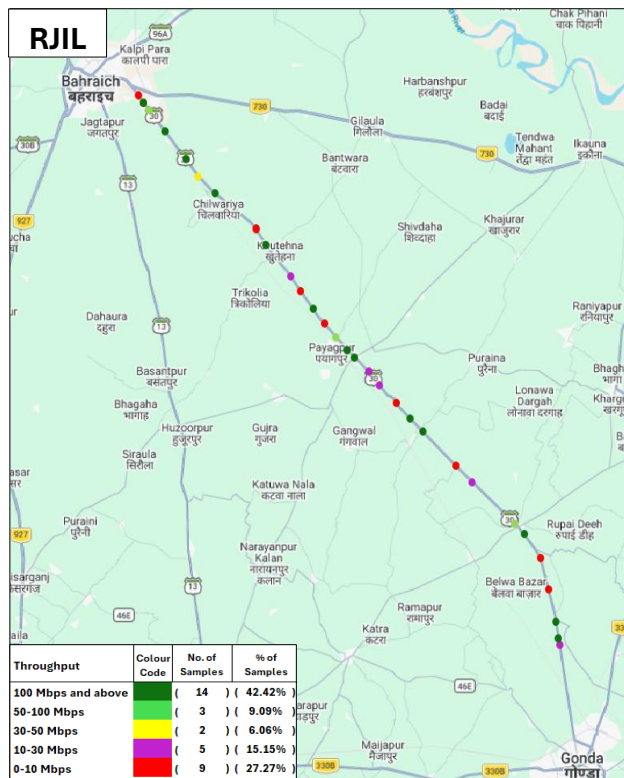
Parameter	Measured in	AIRTEL (upto 5G)	BSNL (upto 4G)	RJIL (upto 5G)	VIL (upto 4G)
Typical Download Throughput declared by TSP	(Mbits/s)	23.00	4.19	15.00	15.00
Average Download Throughput measured during IDT	(Mbits/s)	92.65	9.24	141.94	24.44



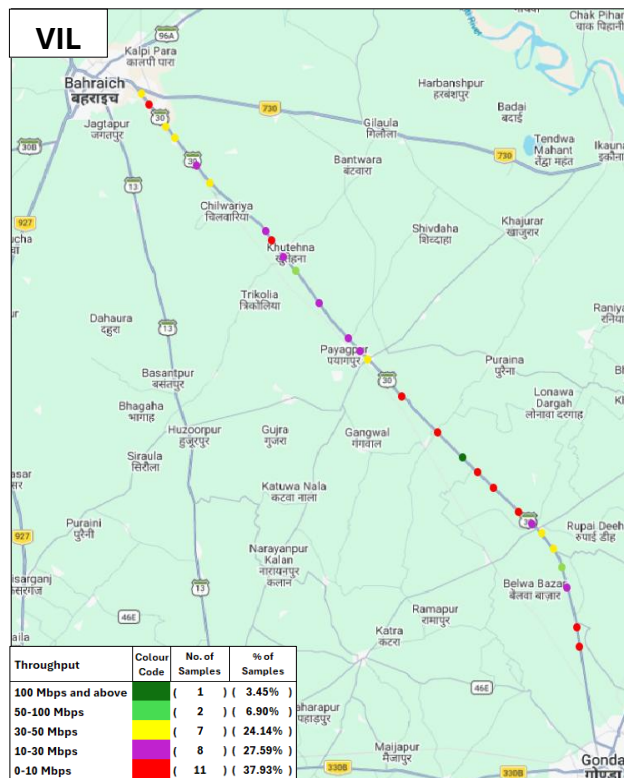
Download throughput distribution auto-selection mode (5G/4G/3G/2G) - AIRTEL.



Download throughput distribution auto-selection mode (5G/4G/3G/2G) - BSNL.



Download throughput distribution auto-selection mode (5G/4G/3G/2G) - RJIL.

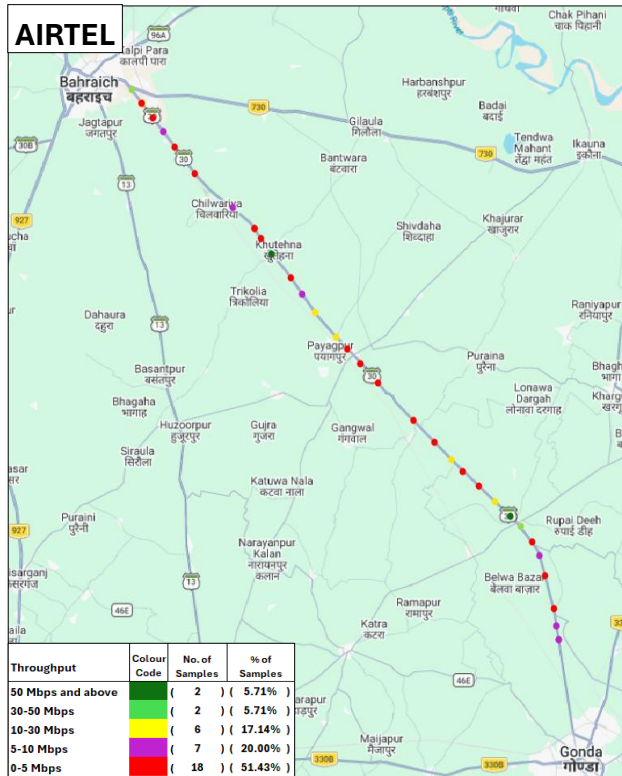


Download throughput distribution auto-selection mode (5G/4G/3G/2G) - VIL.

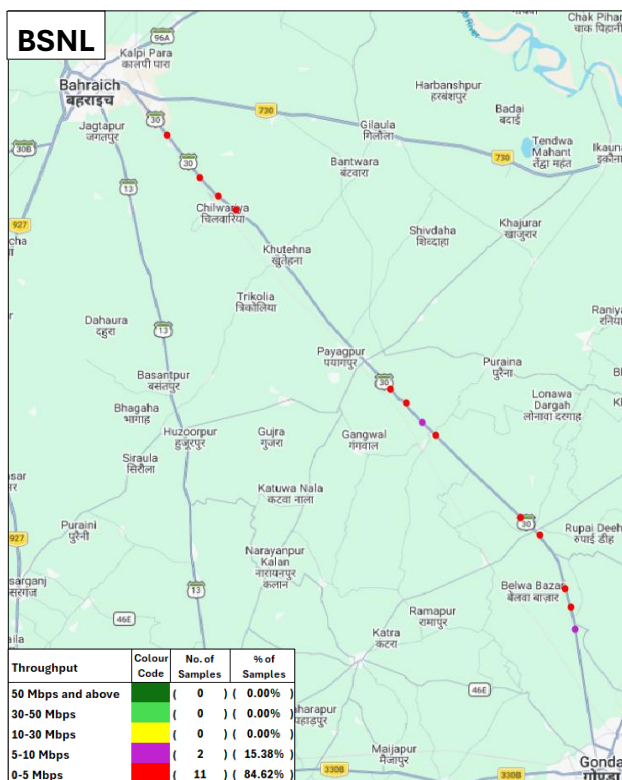
Note: Plot is based on Dynamic Drive Test results only.

(ii) Upload Throughput

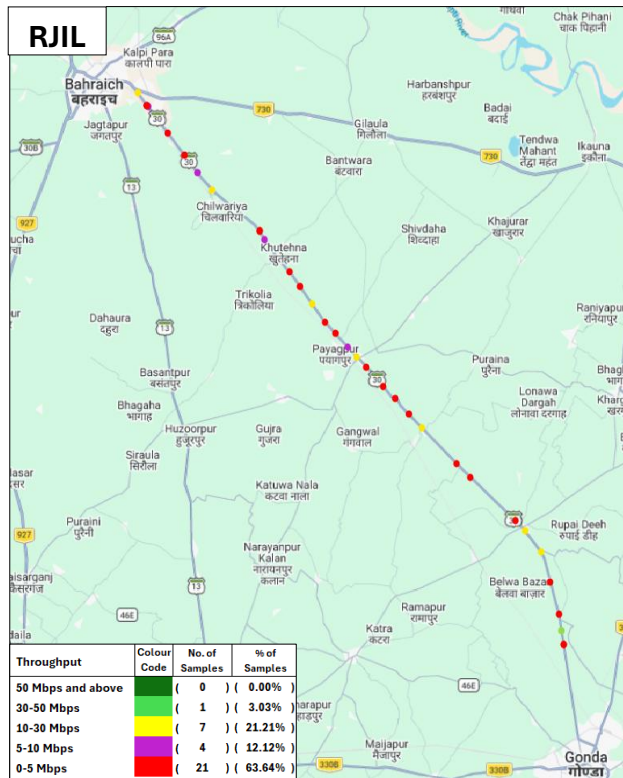
Parameter	Measured in	AIRTEL (upto 5G)	BSNL (upto 4G)	RJIL (upto 5G)	VIL (upto 4G)
Typical Upload Throughput declared by TSP	(Mbits/s)	10.00	3.61	7.00	8.00
Average Upload Throughput measured during IDT	(Mbits/s)	10.23	2.34	6.48	5.22



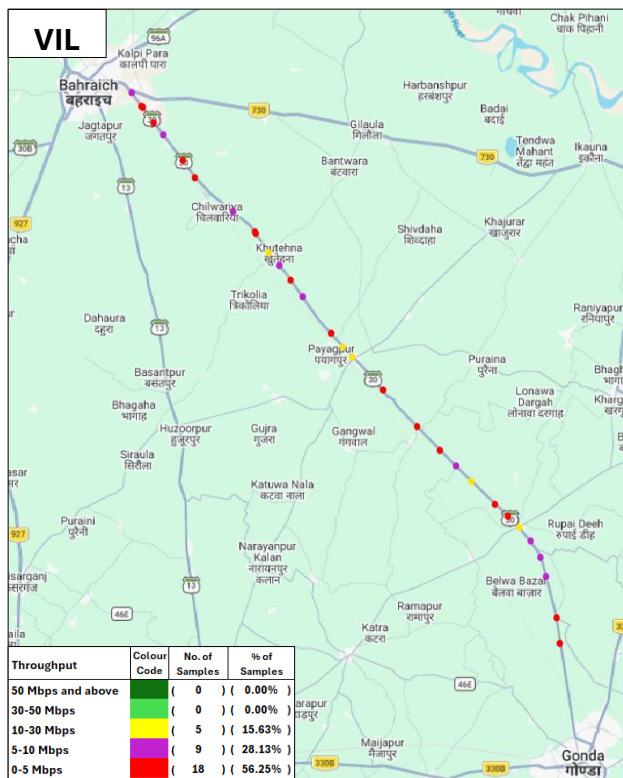
Upload throughput distribution auto-selection mode (5G/4G/3G/2G) - AIRTEL.



Upload throughput distribution auto-selection mode (5G/4G/3G/2G) - BSNL.



Upload throughput distribution auto-selection mode (5G/4G/3G/2G) - RJL.



Upload throughput distribution auto-selection mode (5G/4G/3G/2G) - VIL.

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