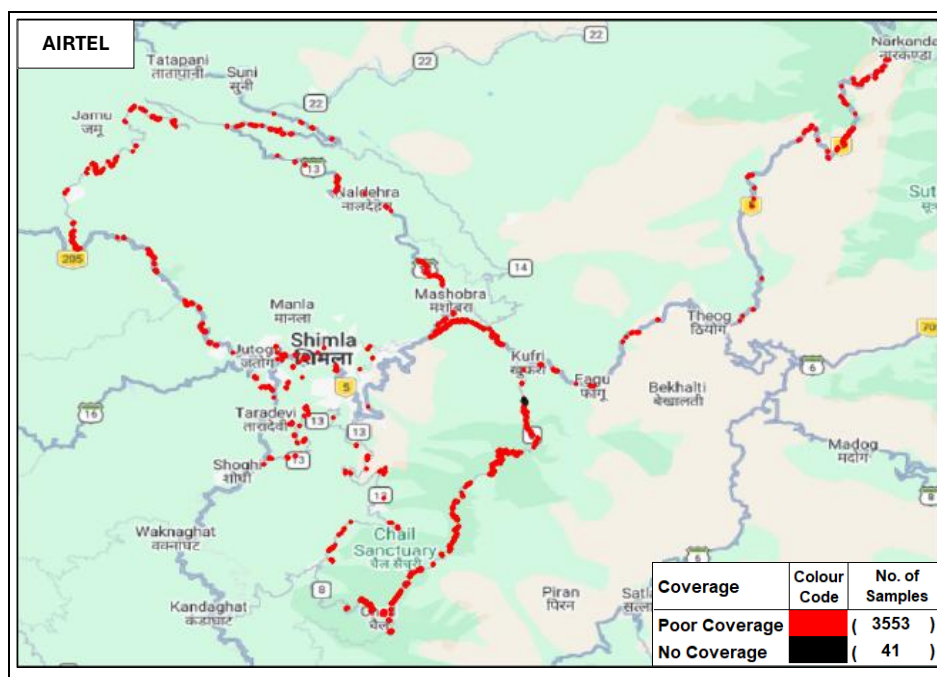


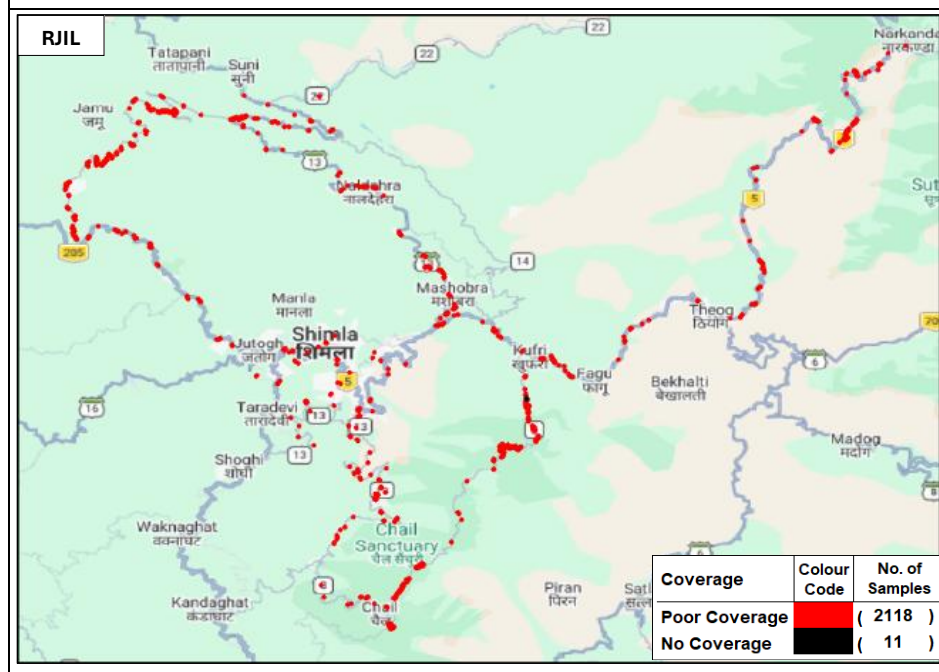
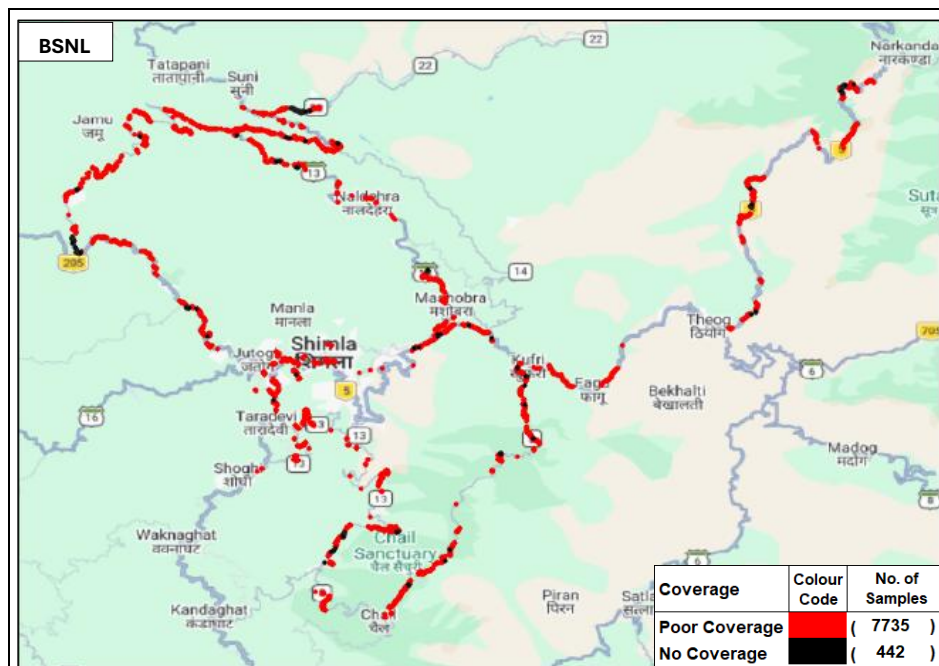
1. Shimla District:-

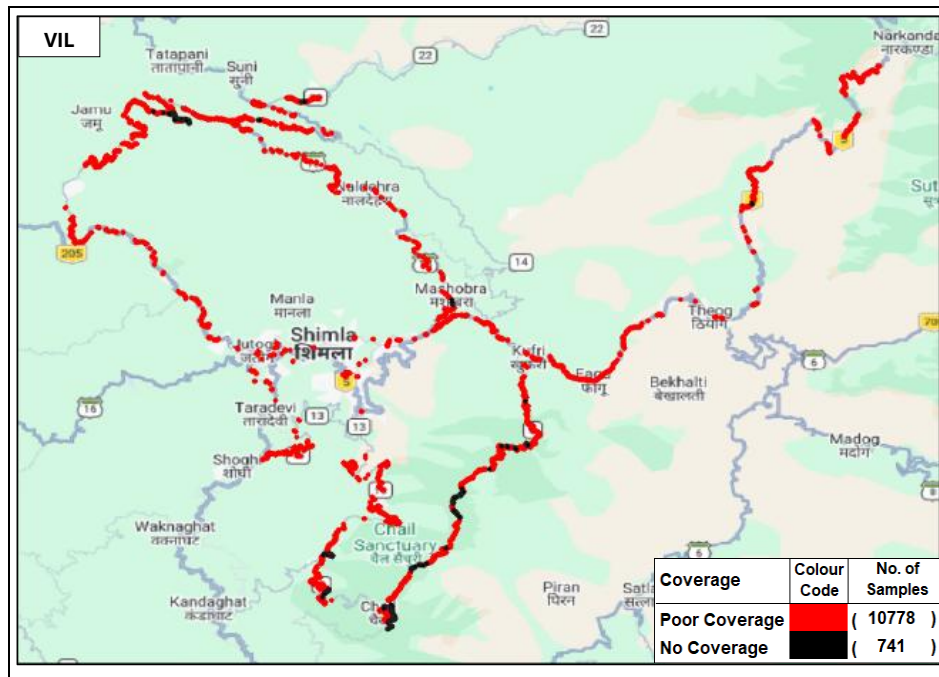
- a) **Coverage Gap** – The coverage distribution found less than the minimum specified signal strength for the drive test route in auto-selection mode (5G/4G/3G/2G) during voice testing, is as below:-

Parameter	AIRTEL	BSNL	RJIL	VIL
Total Number of Samples captured on Drive test route	45850	43507	45696	43236
Number of Samples having poor signal strength	3553	7735	2118	10778
Number of Samples having Limited Service (No Coverage)	41	442	11	741

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



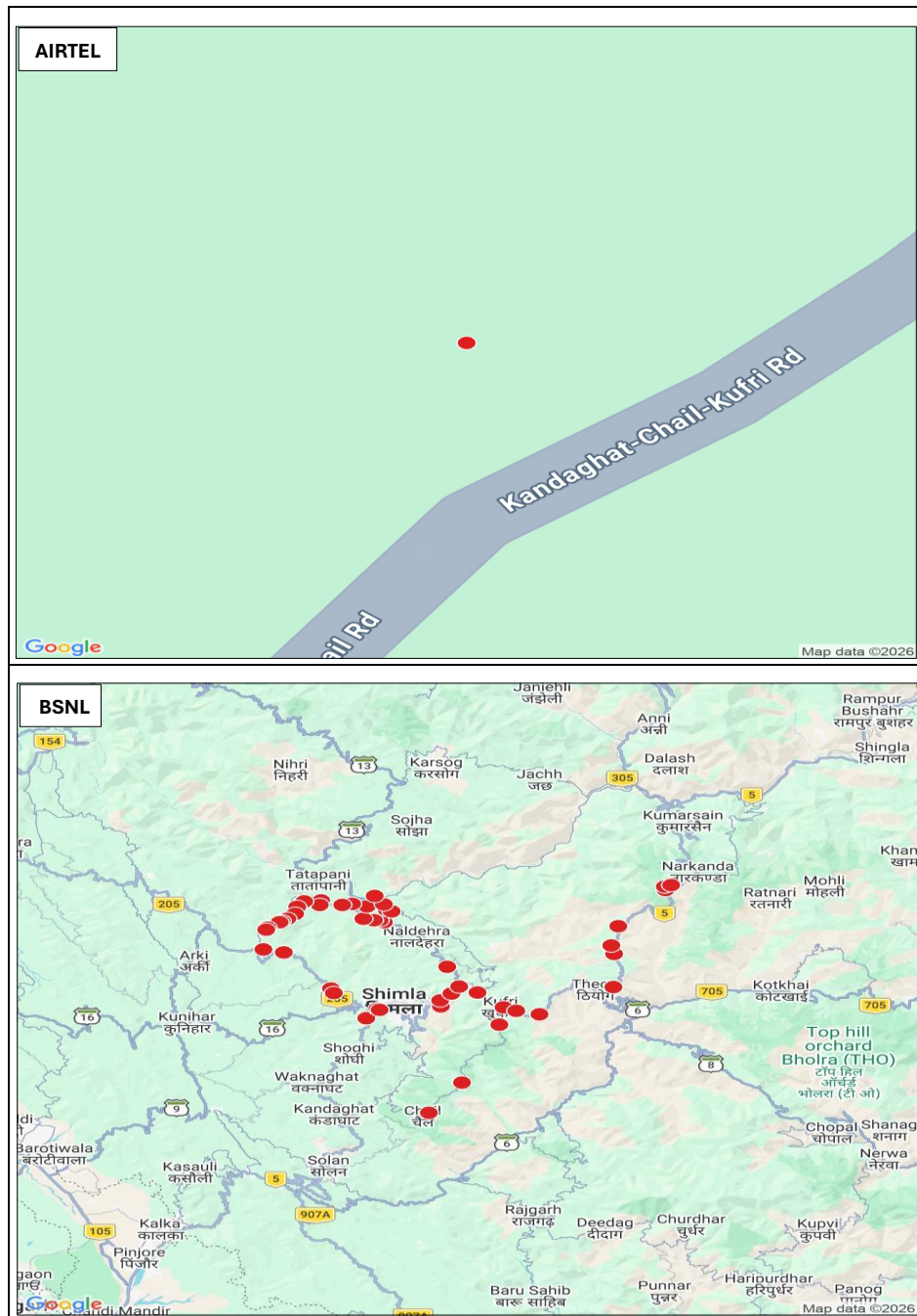


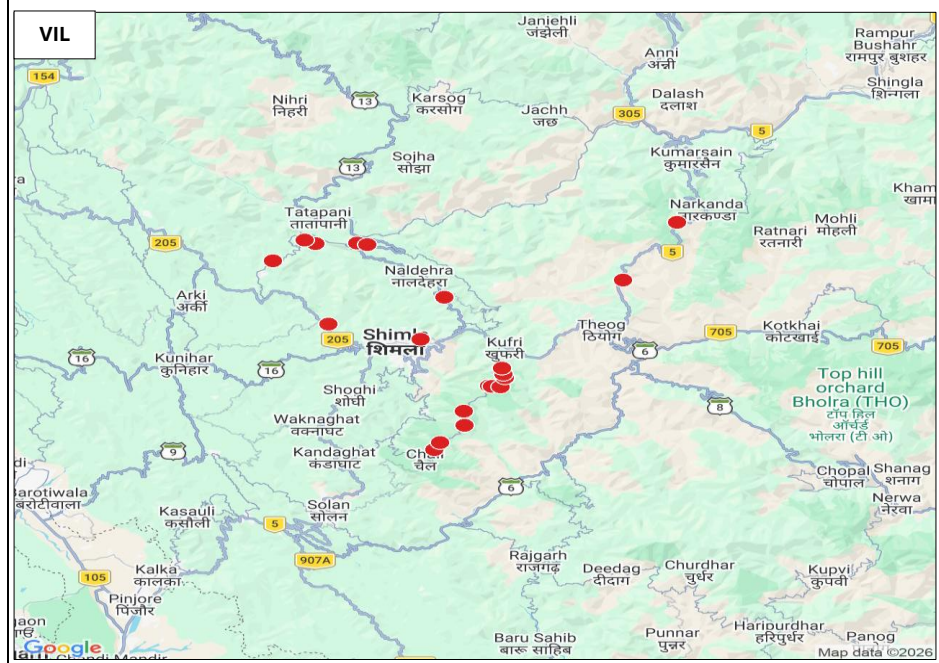
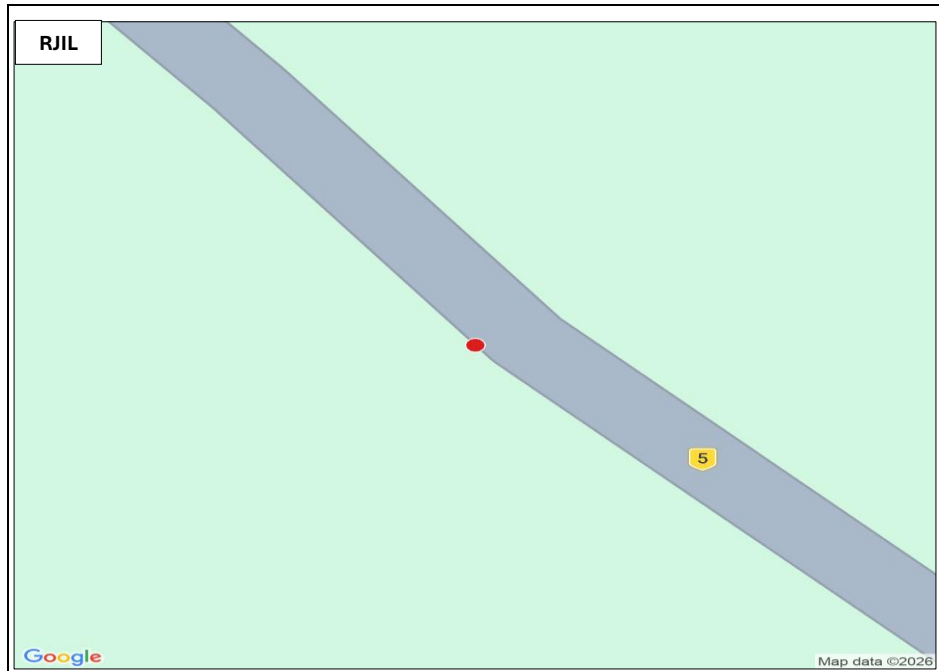
Note: Plot is based on Dynamic Drive Test results only.

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	411	389	418	387
Number of dropped Calls	1	47	1	20

Locations of Dropped Calls



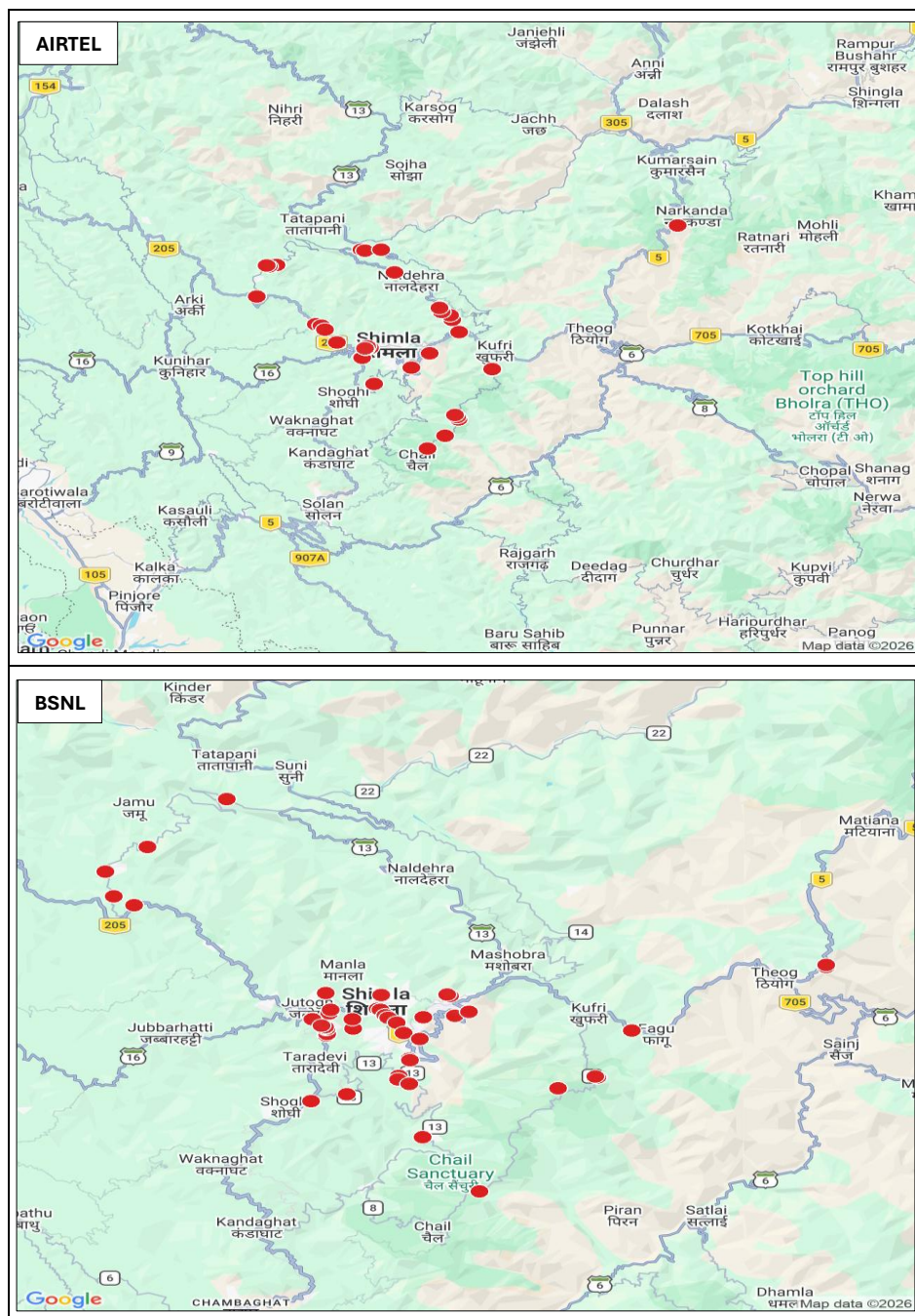


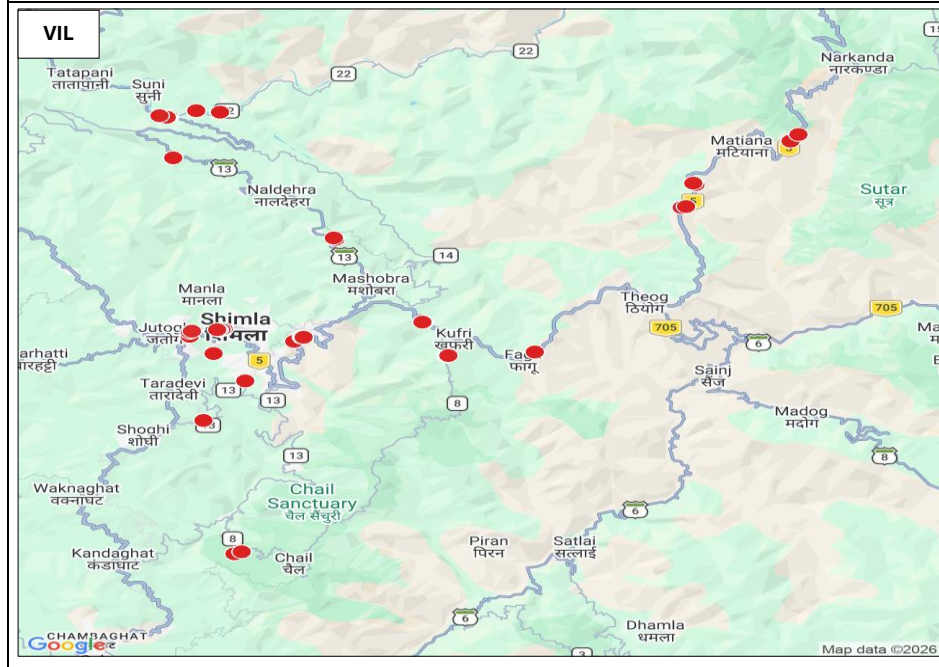
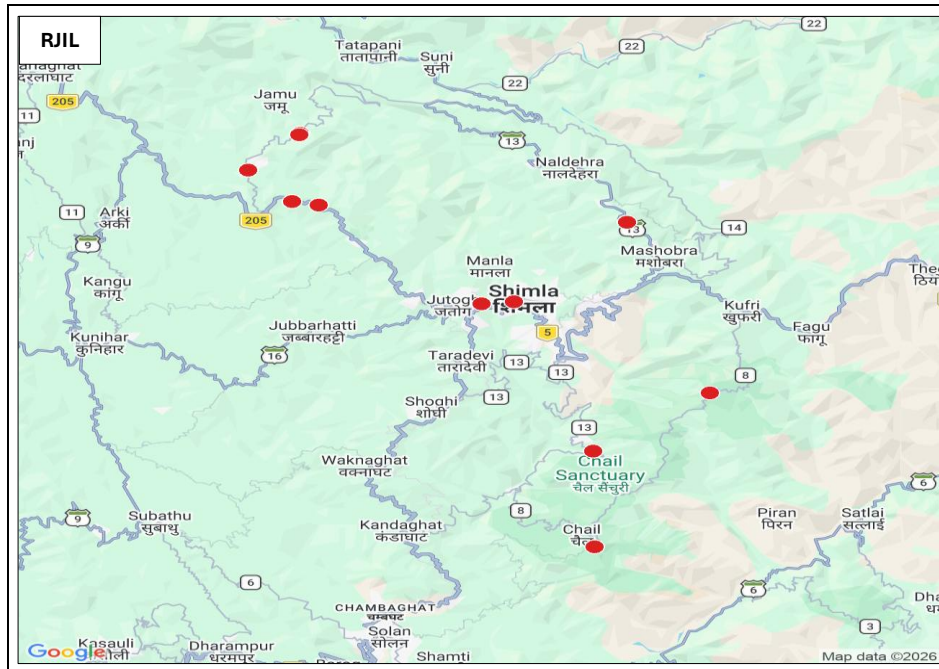
Note: Dropped calls locations are shown in red colour and which can be clicked to know the exact location (latitude and longitude) on the map.

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

Parameter	AIRTEL	BSNL	RJIL	VIL
Call Established (within service provider network)	396	326	400	359
Number of silences calls for >3 Sec	28	35	10	22
Total number of silence instances for >3 Sec	35	50	11	41

Locations of Call Silence Instance



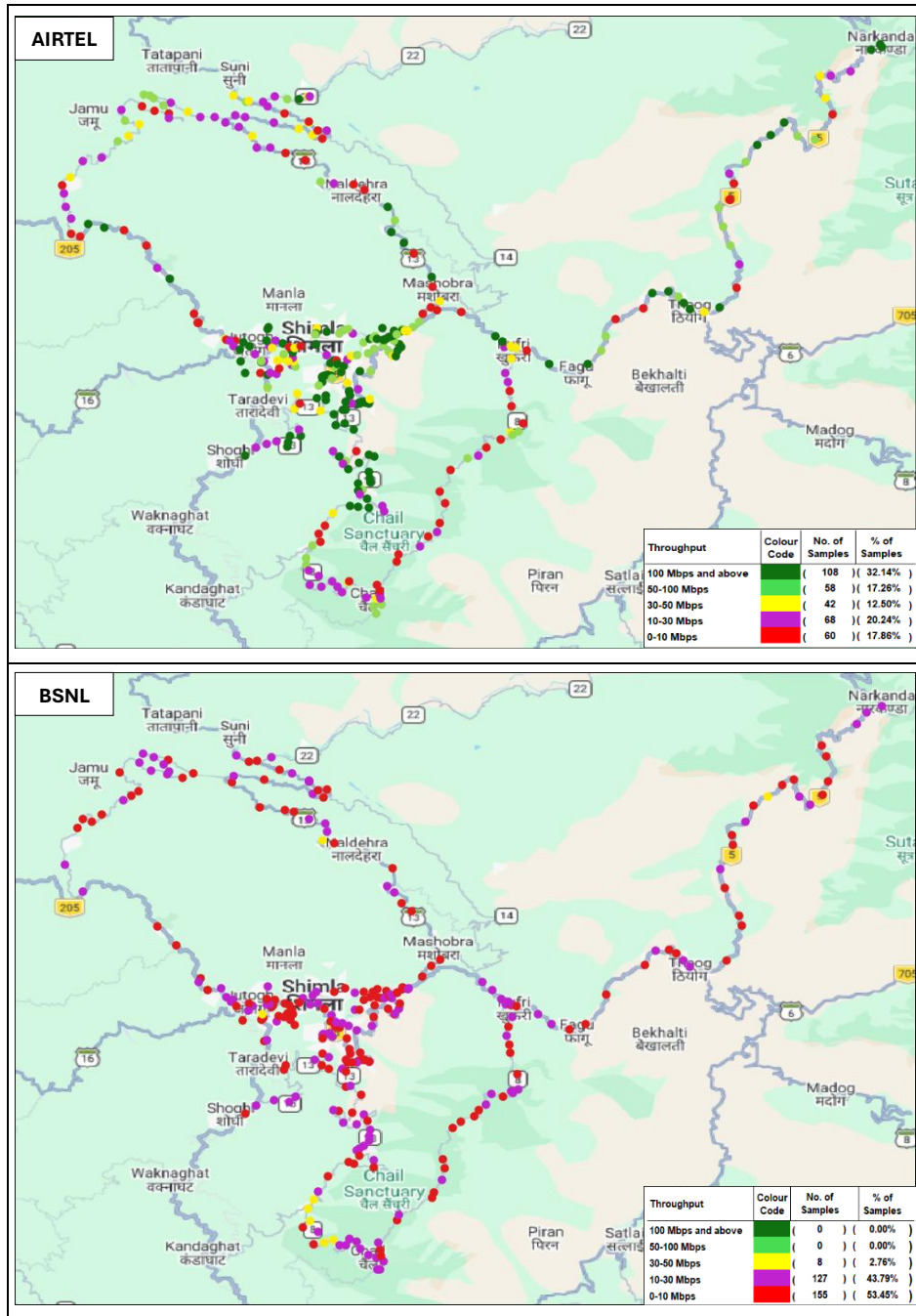


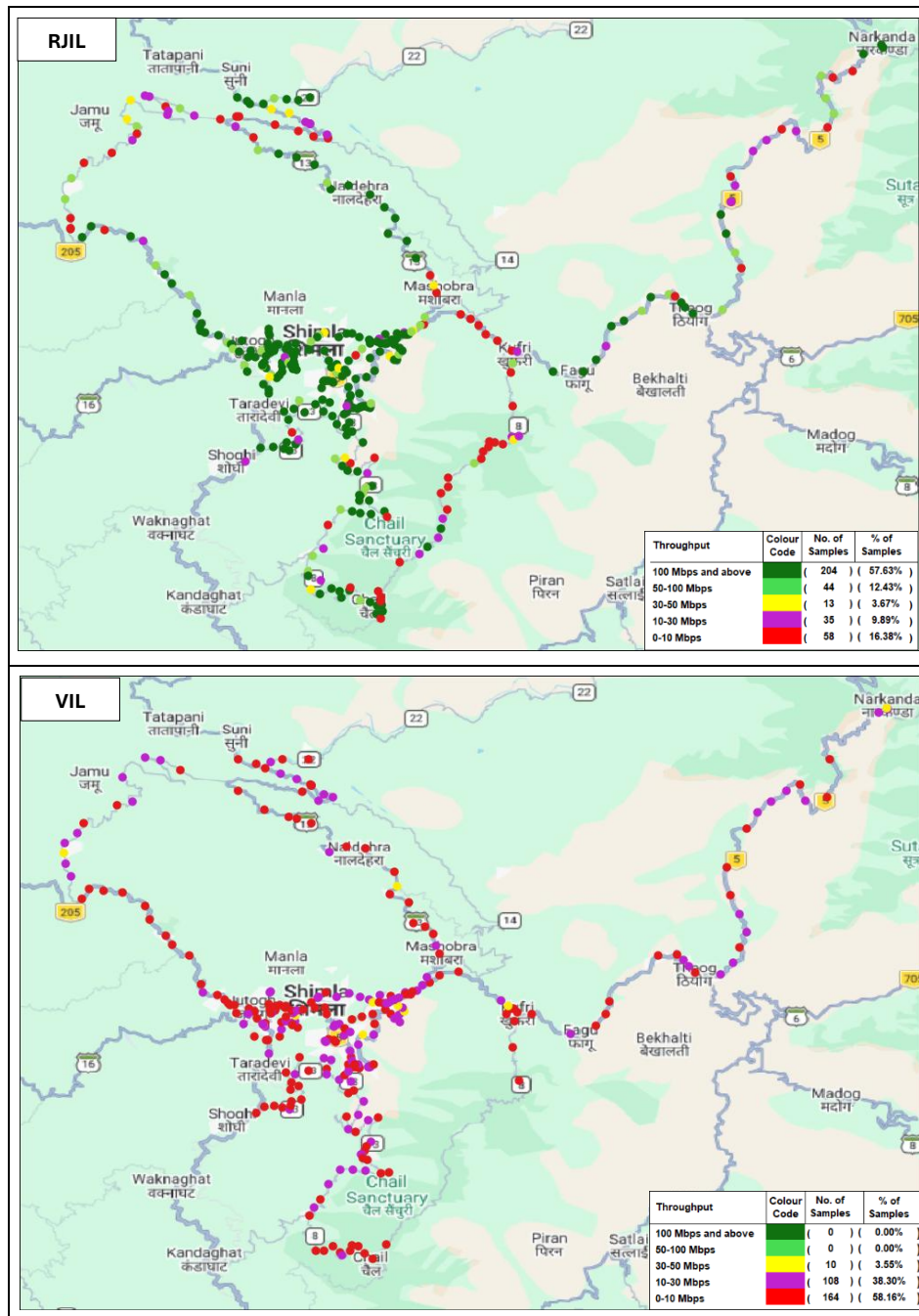
Note: Call silence instances are shown in red color and which can be clicked to know the exact location (latitude and longitude) on the map.

- 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)	18.00	3.00	15.00	15.00
Average Download Throughput measured during IDT	(Mbits/s)	83.09	10.99	163.01	10.30

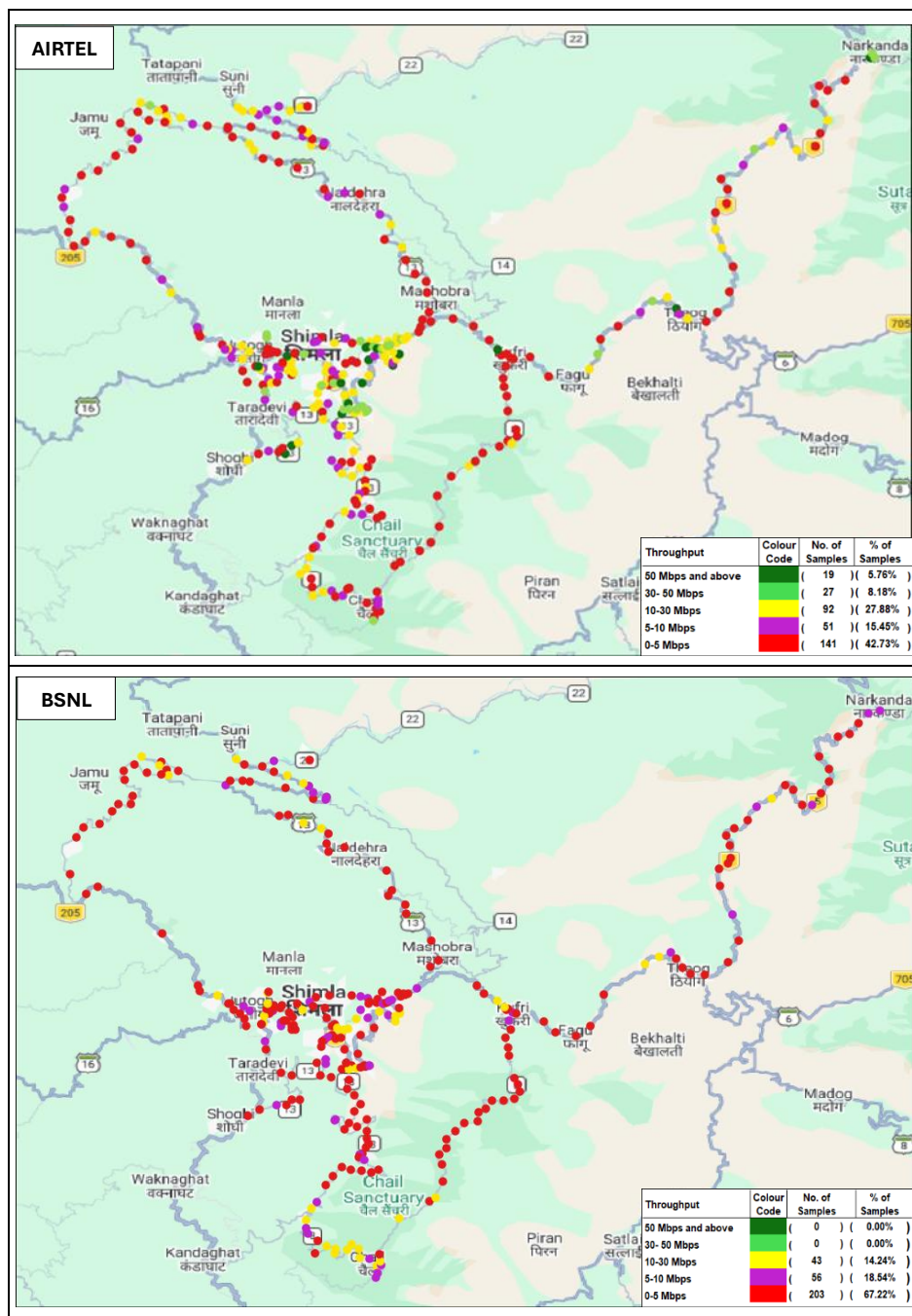


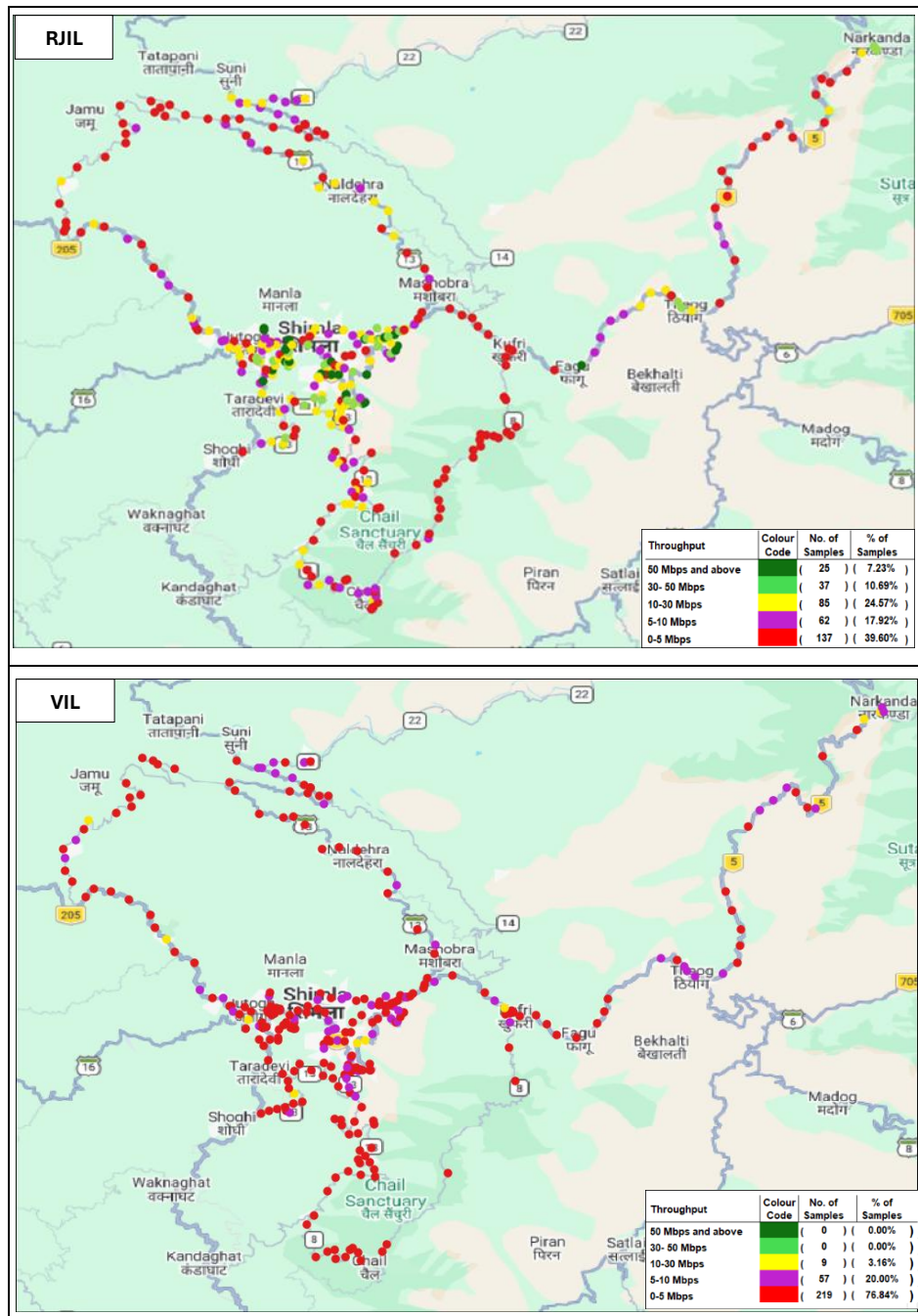


Note: Plot is based on Dynamic Drive Test results only.

(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)	8.00	3.00	7.00	8.00
Average Upload Throughput measured during IDT	(Mbits/s)	13.90	4.81	15.43	3.32





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

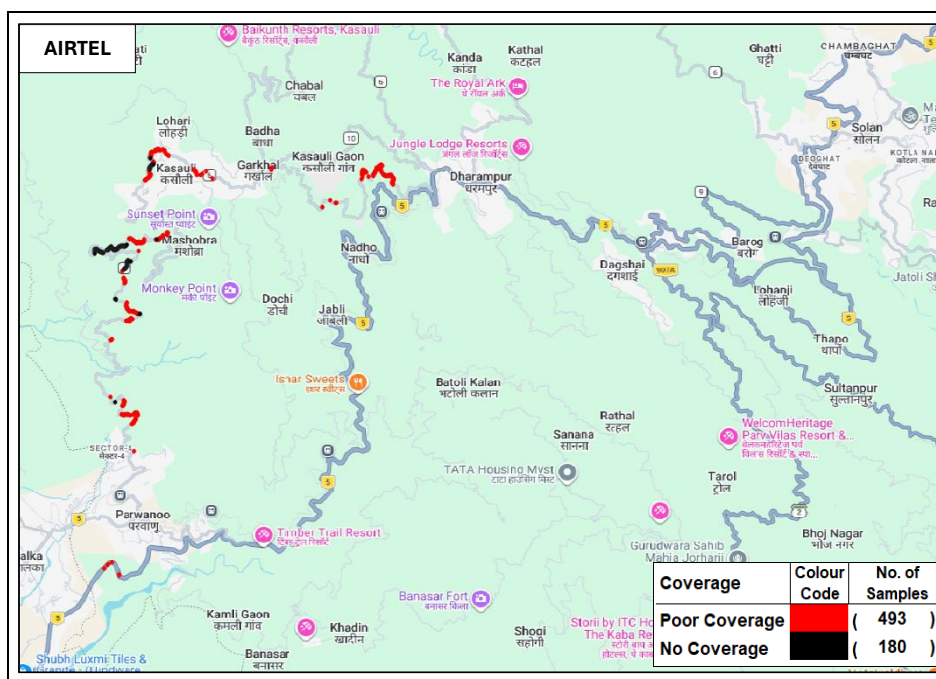
2. Solan District:-

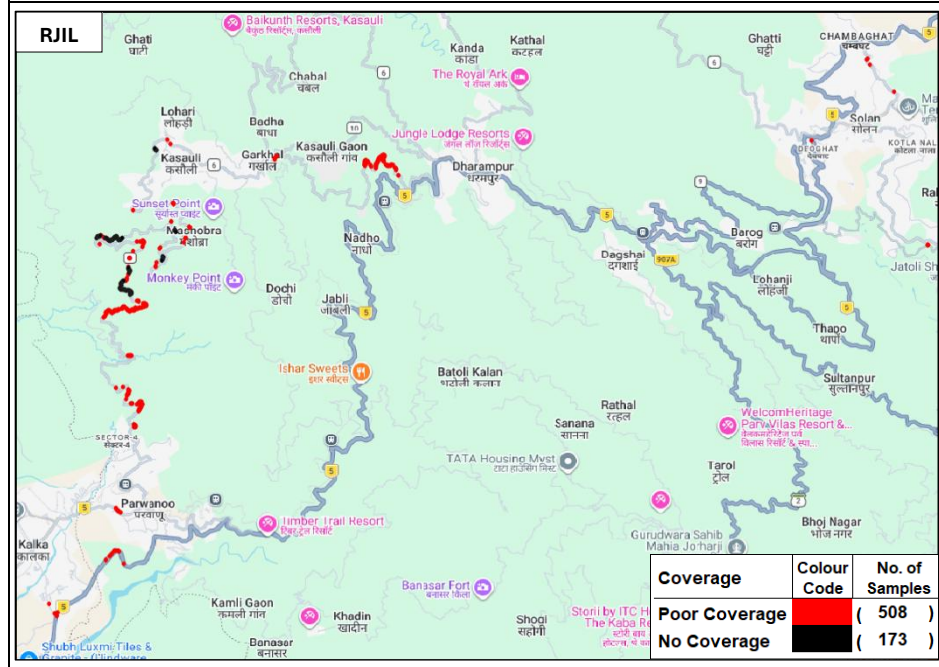
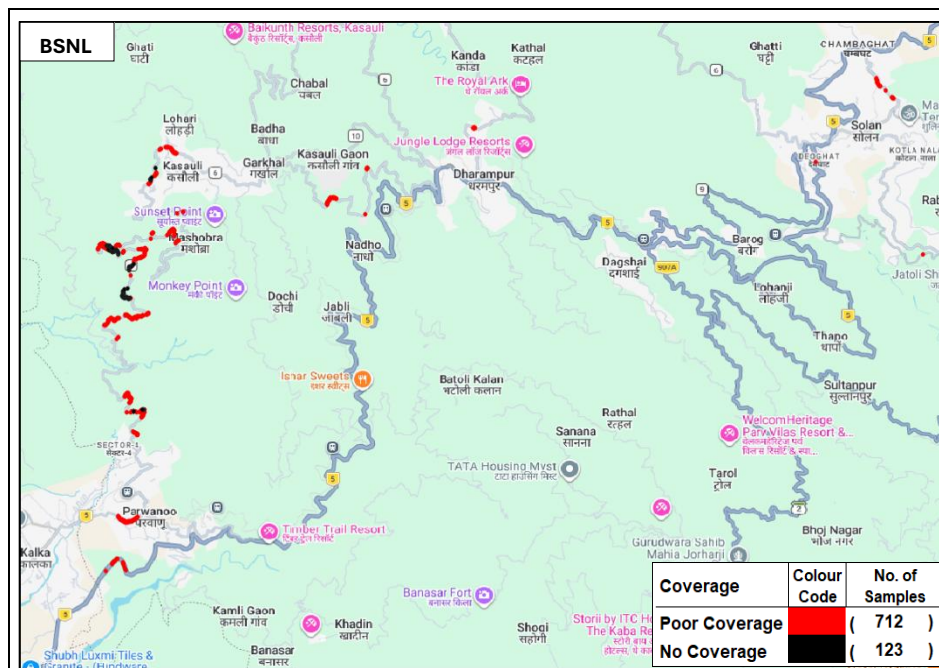
- a) **Coverage Gap** – The coverage distribution found less than the minimum specified signal strength for the drive test route in auto-selection mode (5G/4G/3G/2G) during voice testing, is as below:-

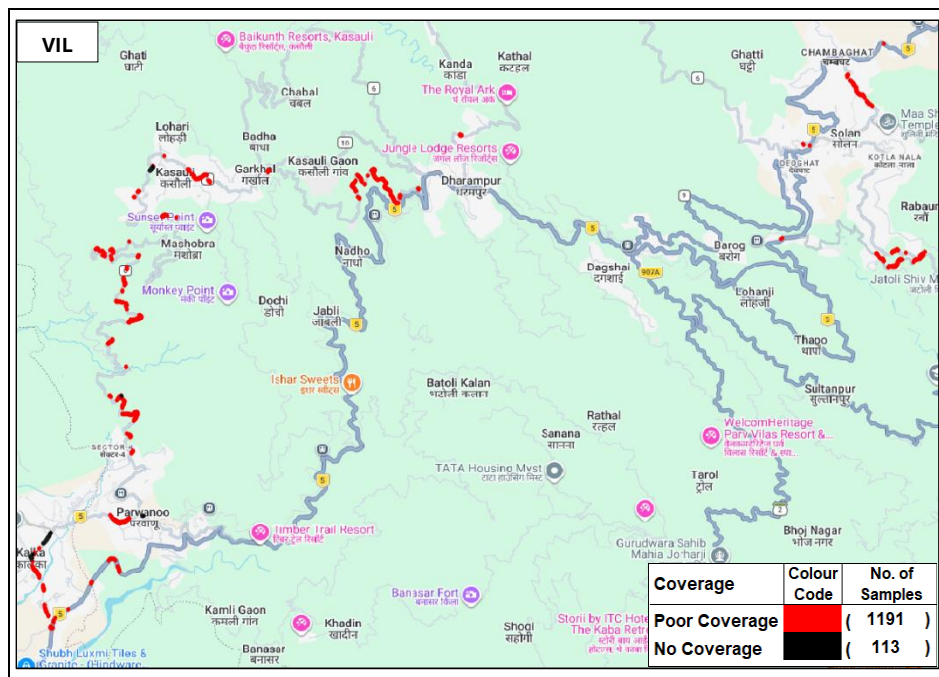
Parameter	AIRTEL	BSNL	RJIL	VIL
Total Number of Samples captured on Drive test route	12912	12833	12713	12908
Number of Samples having poor signal strength	493	712	508	1191
Number of Samples having Limited Service (No Coverage)	180	123	173	113

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





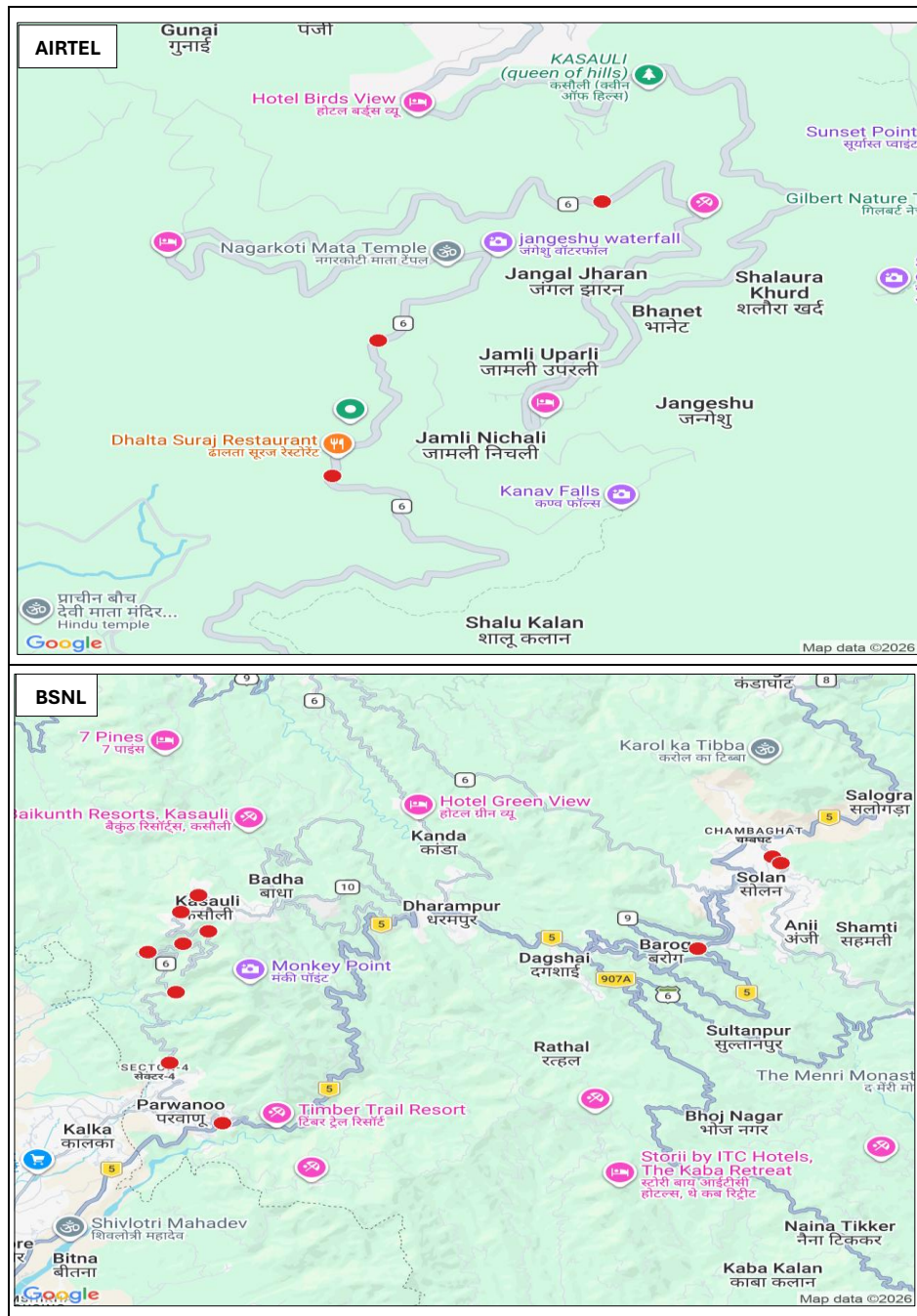


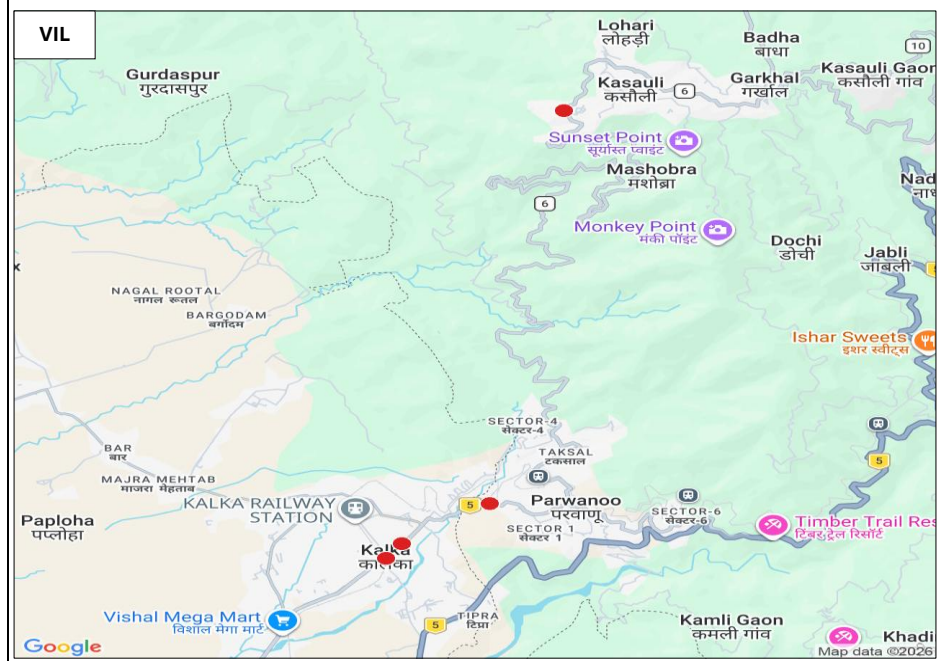
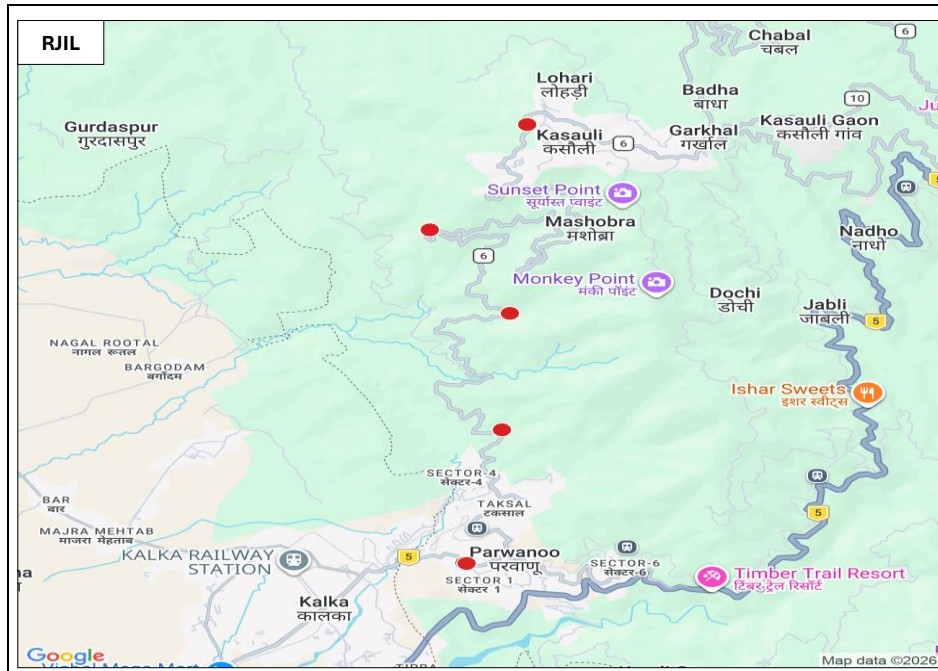
Note: Plot is based on Dynamic Drive Test results only.

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	118	119	117	118
Number of dropped Calls	3	11	6	5

Locations of Dropped Calls



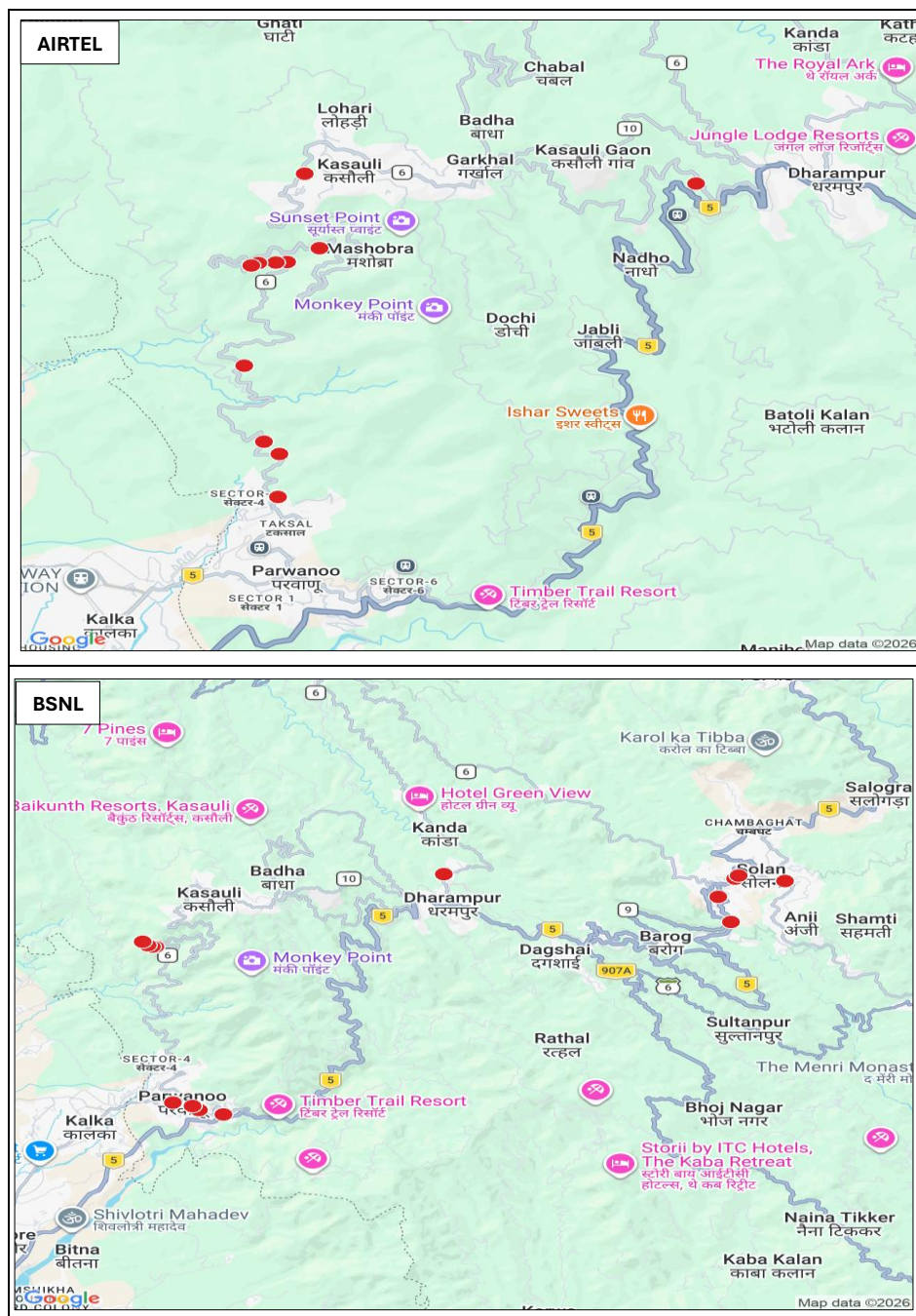


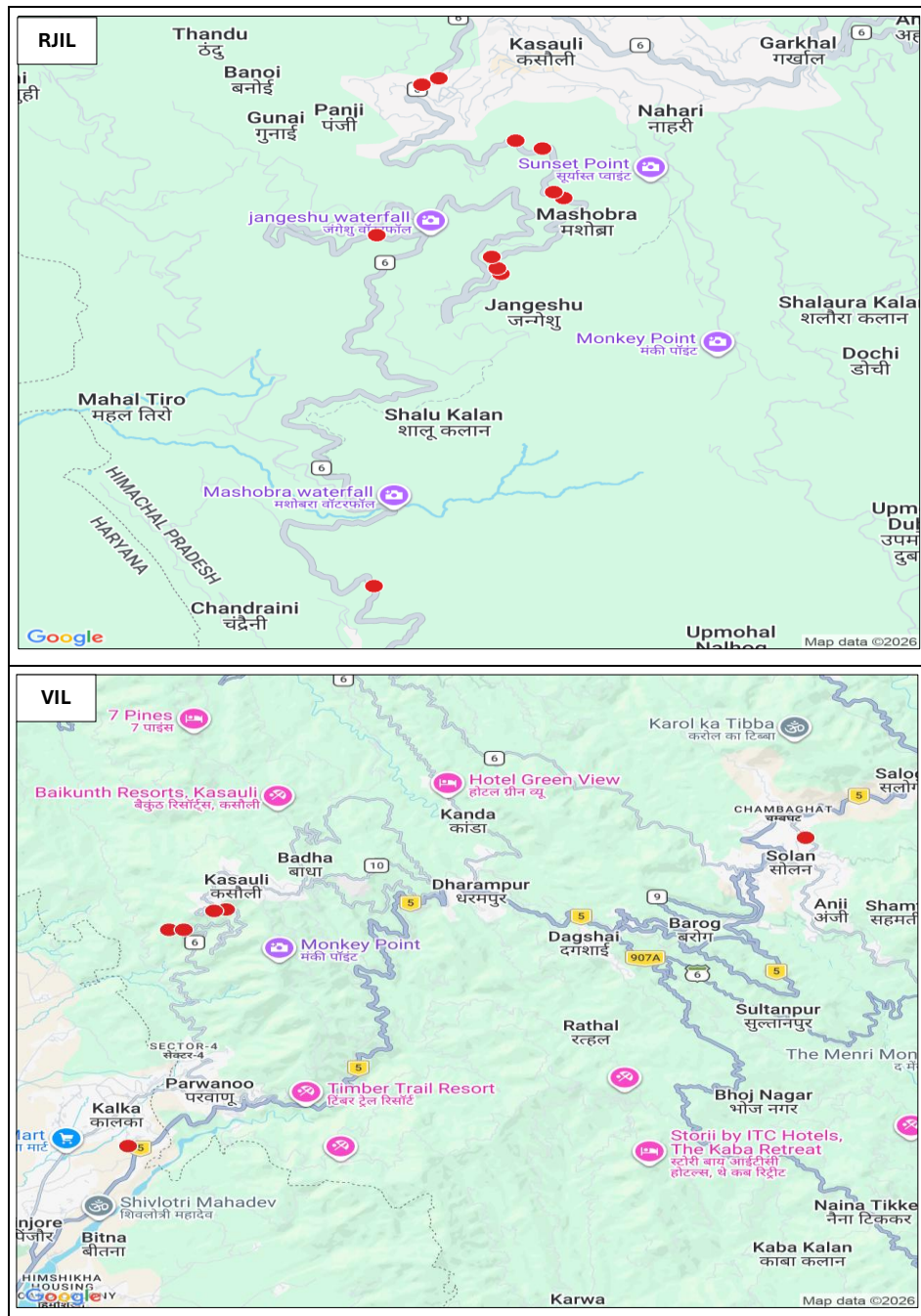
Note: Dropped calls locations are shown in red colour and which can be clicked to know the exact location (latitude and longitude) on the map.

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

Parameter	AIRTEL	BSNL	RJIL	VIL
Call Established (within service provider network)	109	99	111	107
Number of silences calls for >3 Sec	8	12	6	5
Total number of silence instances for >3 Sec	11	15	12	7

Locations of Call Silence Instance



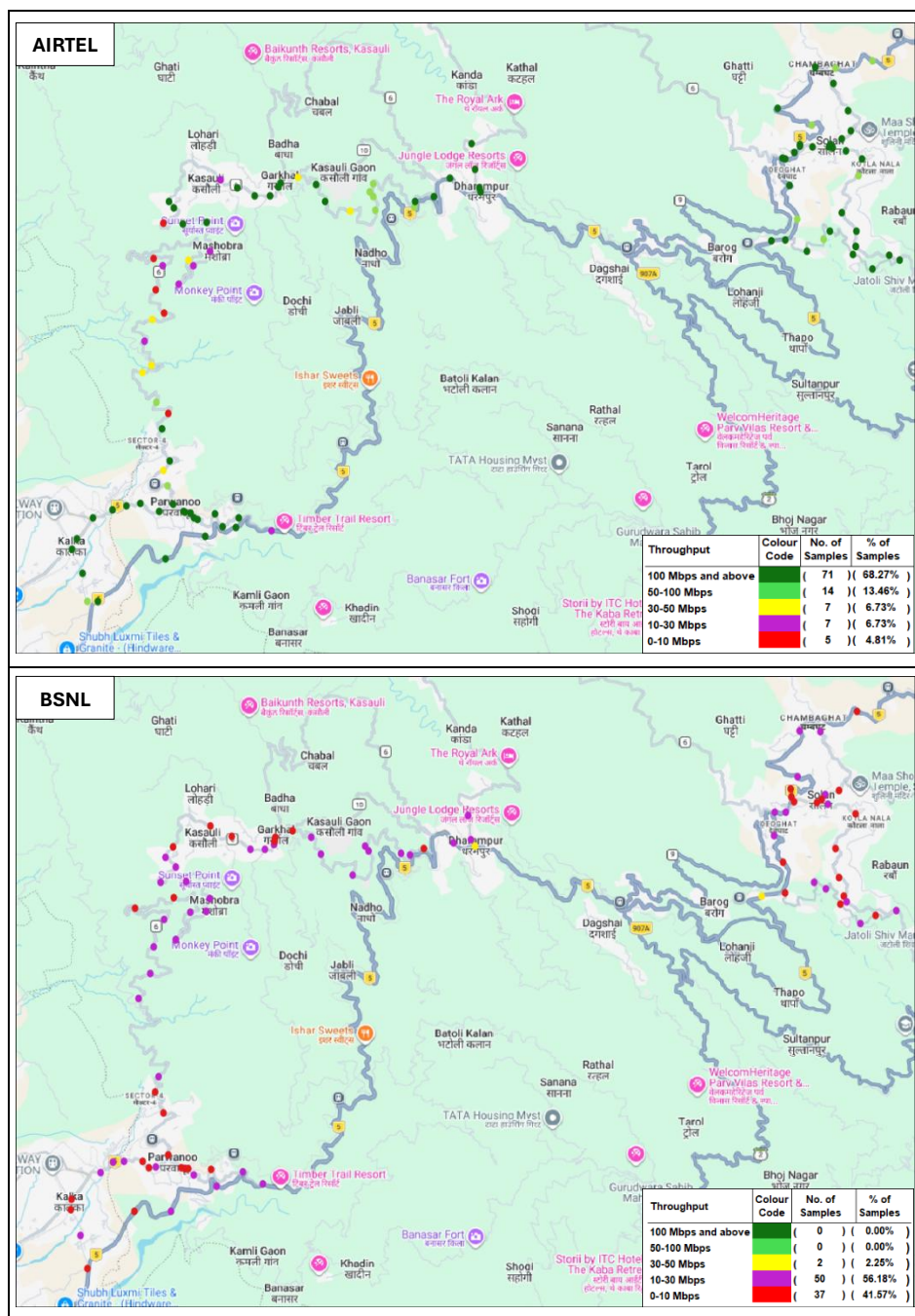


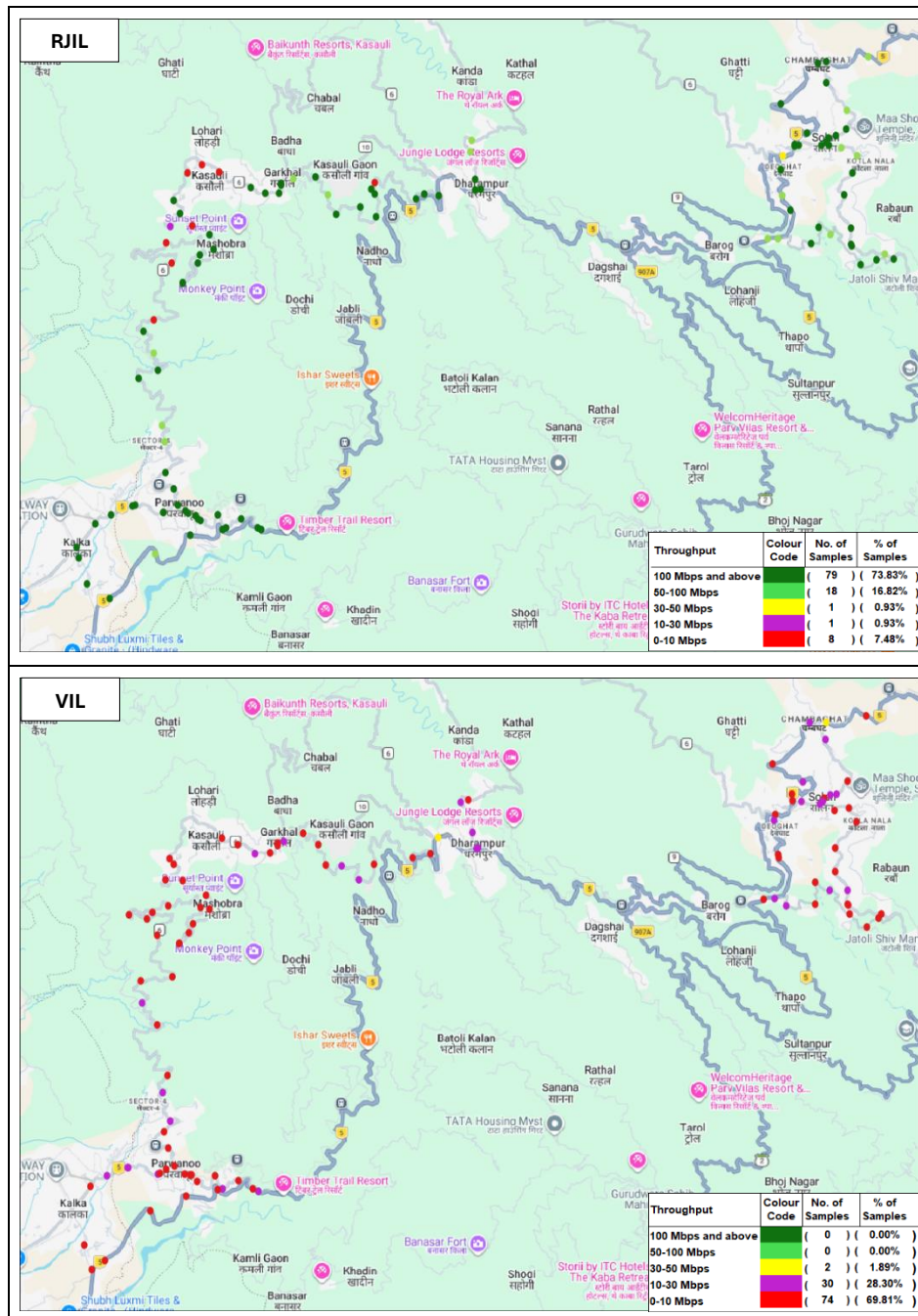
Note: Call silence instances are shown in red color and which can be clicked to know the exact location (latitude and longitude) on the map.

- 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)	18.00	3.00	15.00	15.00
Average Download Throughput measured during IDT	(Mbits/s)	170.17	11.99	208.71	8.77

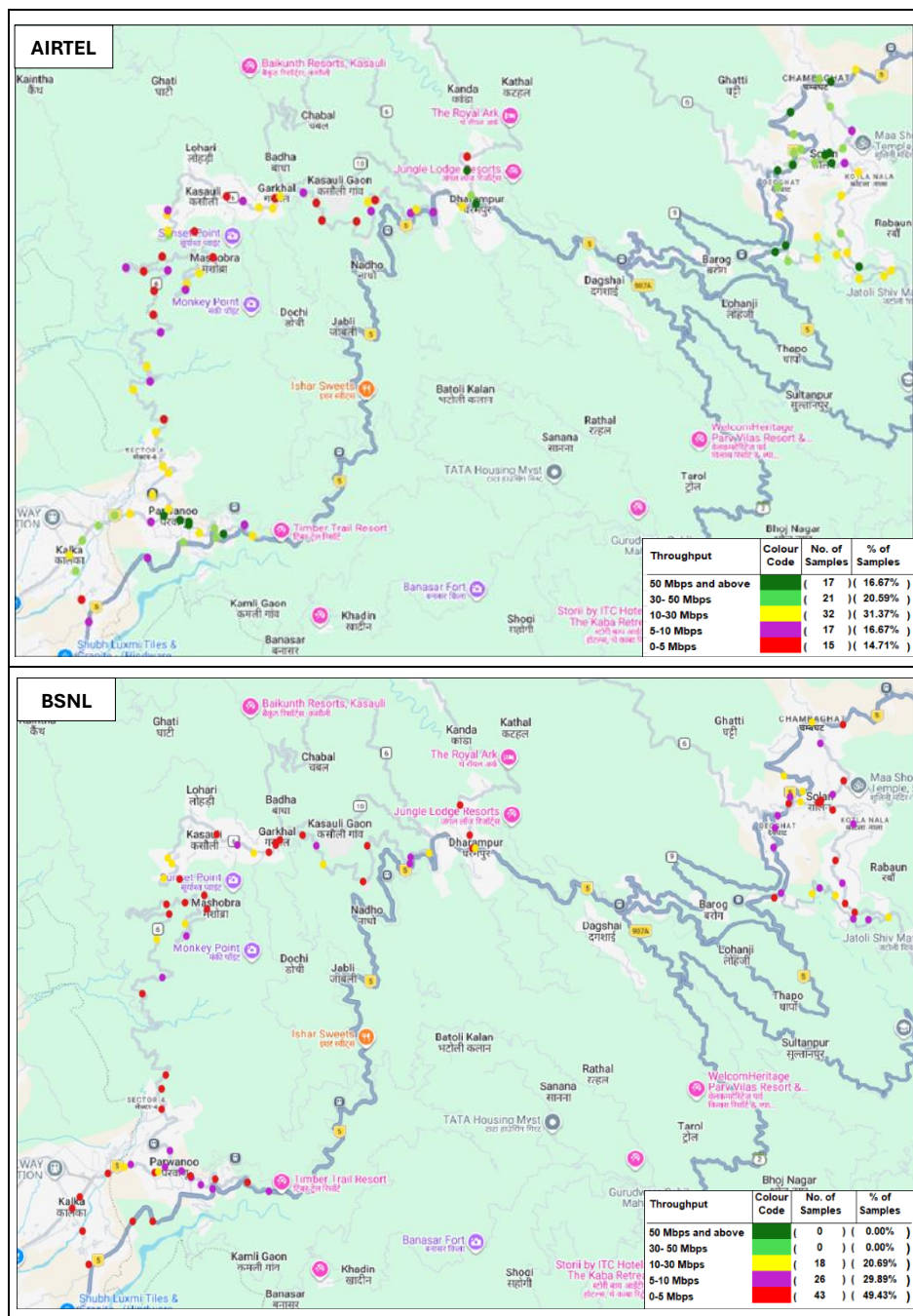


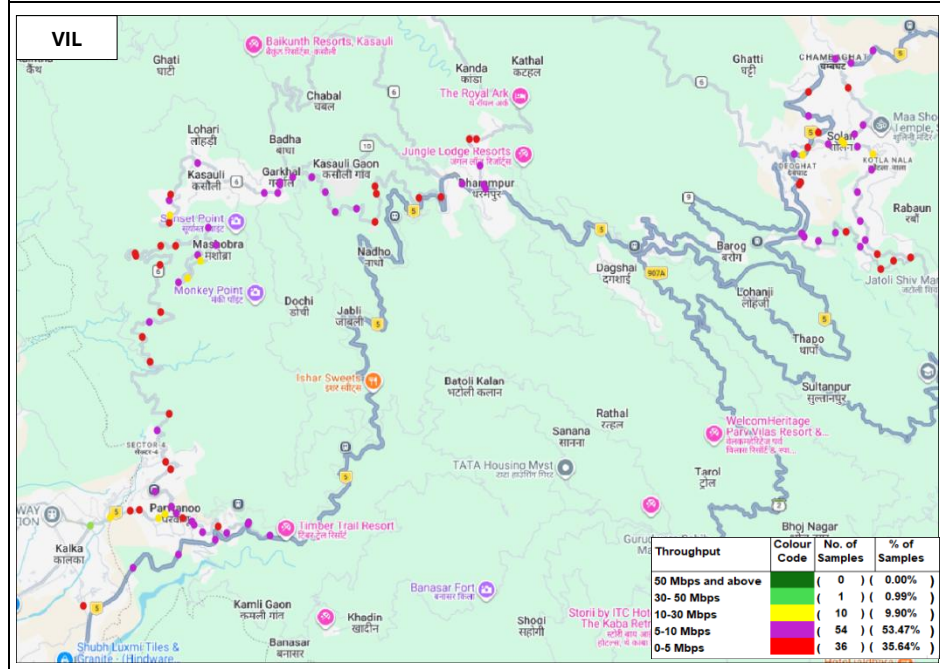


Note: Plot is based on Dynamic Drive Test results only.

(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)	8.00	3.00	7.00	8.00
Average Upload Throughput measured during IDT	(Mbits/s)	26.31	6.35	26.55	6.38





22

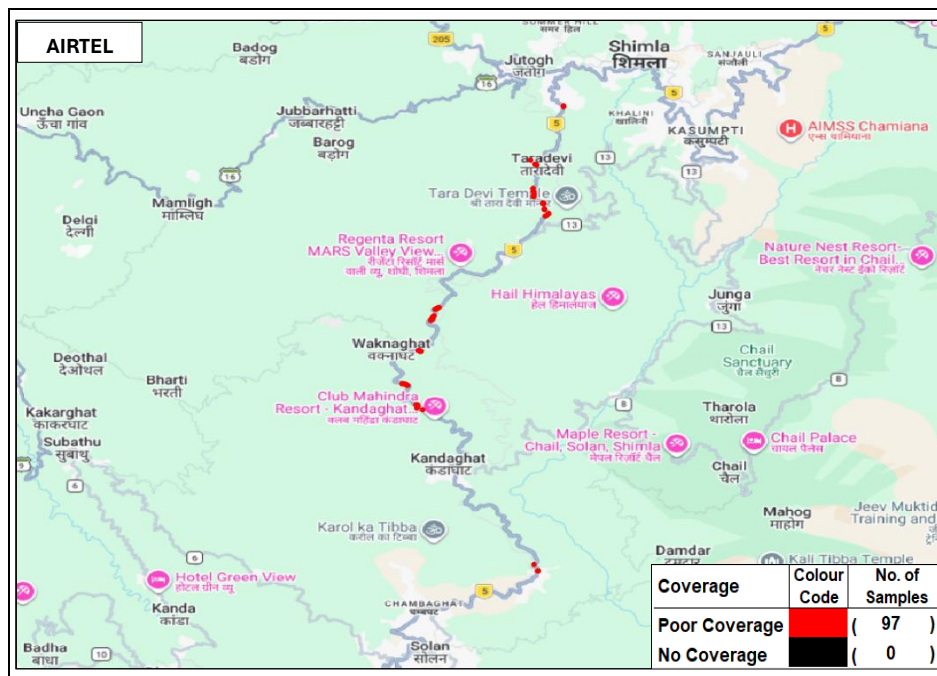
3. Solan to Shimla Highway:-

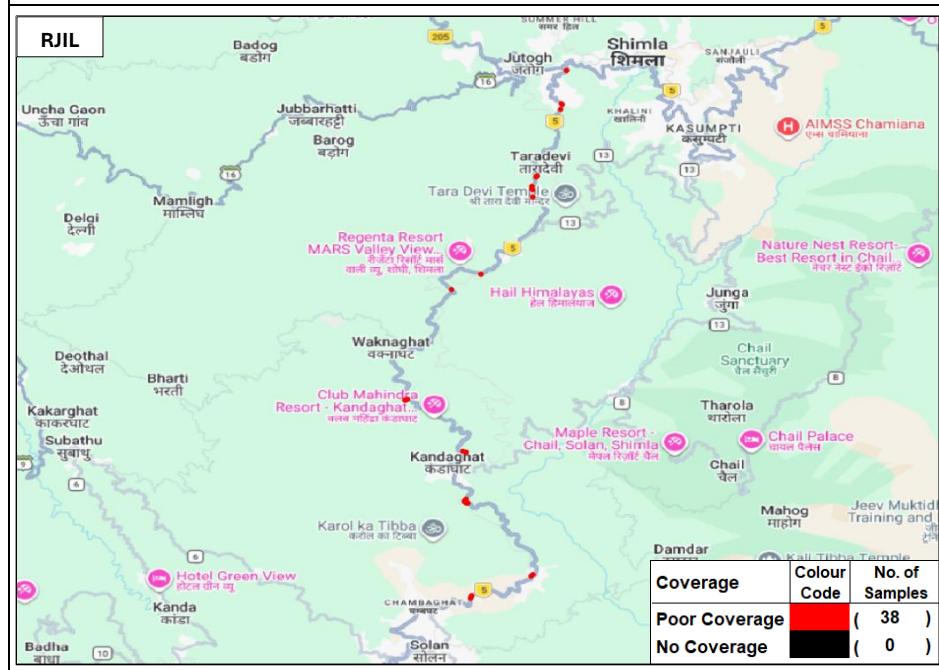
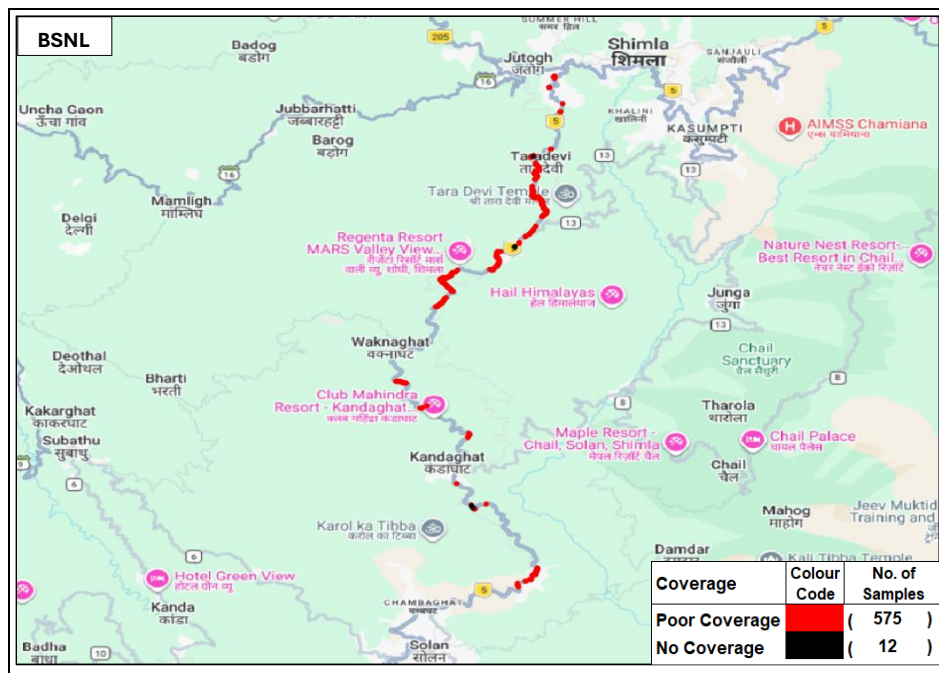
- a) **Coverage Gap** – The coverage distribution found less than the minimum specified signal strength for the drive test route in auto-selection mode (5G/4G/3G/2G) during voice testing, is as below:-

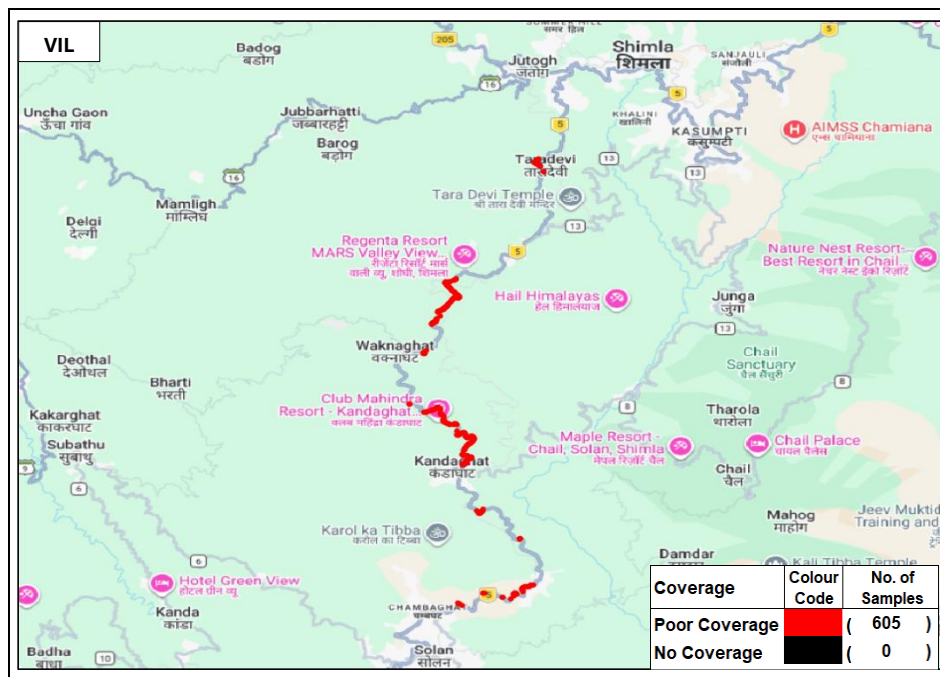
Parameter	AIRTEL	BSNL	RJIL	VIL
Total Number of Samples captured on Drive test route	4403	4086	4406	4238
Number of Samples having poor signal strength	97	575	38	605
Number of Samples having Limited Service (No Coverage)	0	12	0	0

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





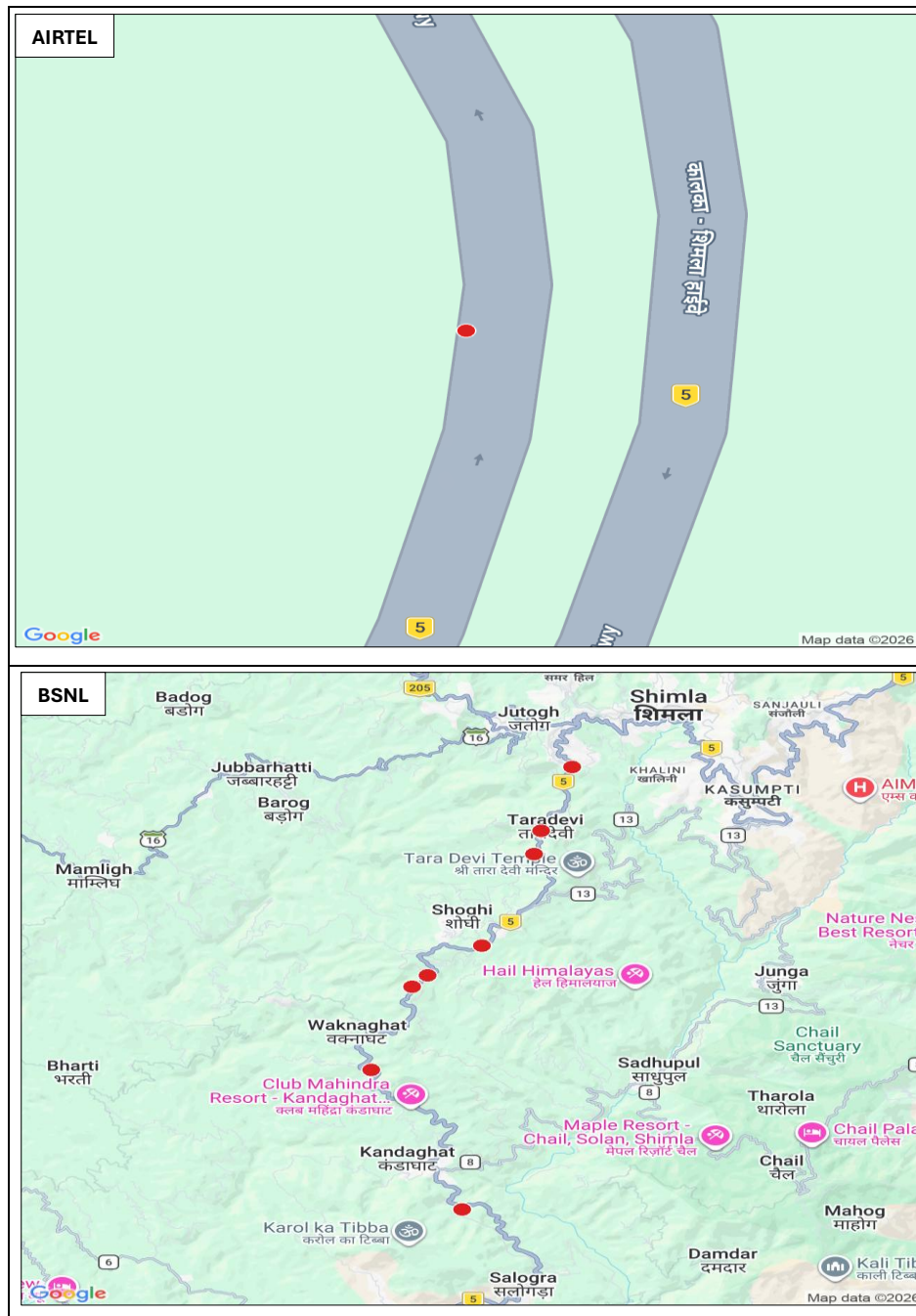


Note: Plot is based on Dynamic Drive Test results only.

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	22	22	22	21
Number of dropped Calls	1	8	0	0

Locations of Dropped Calls

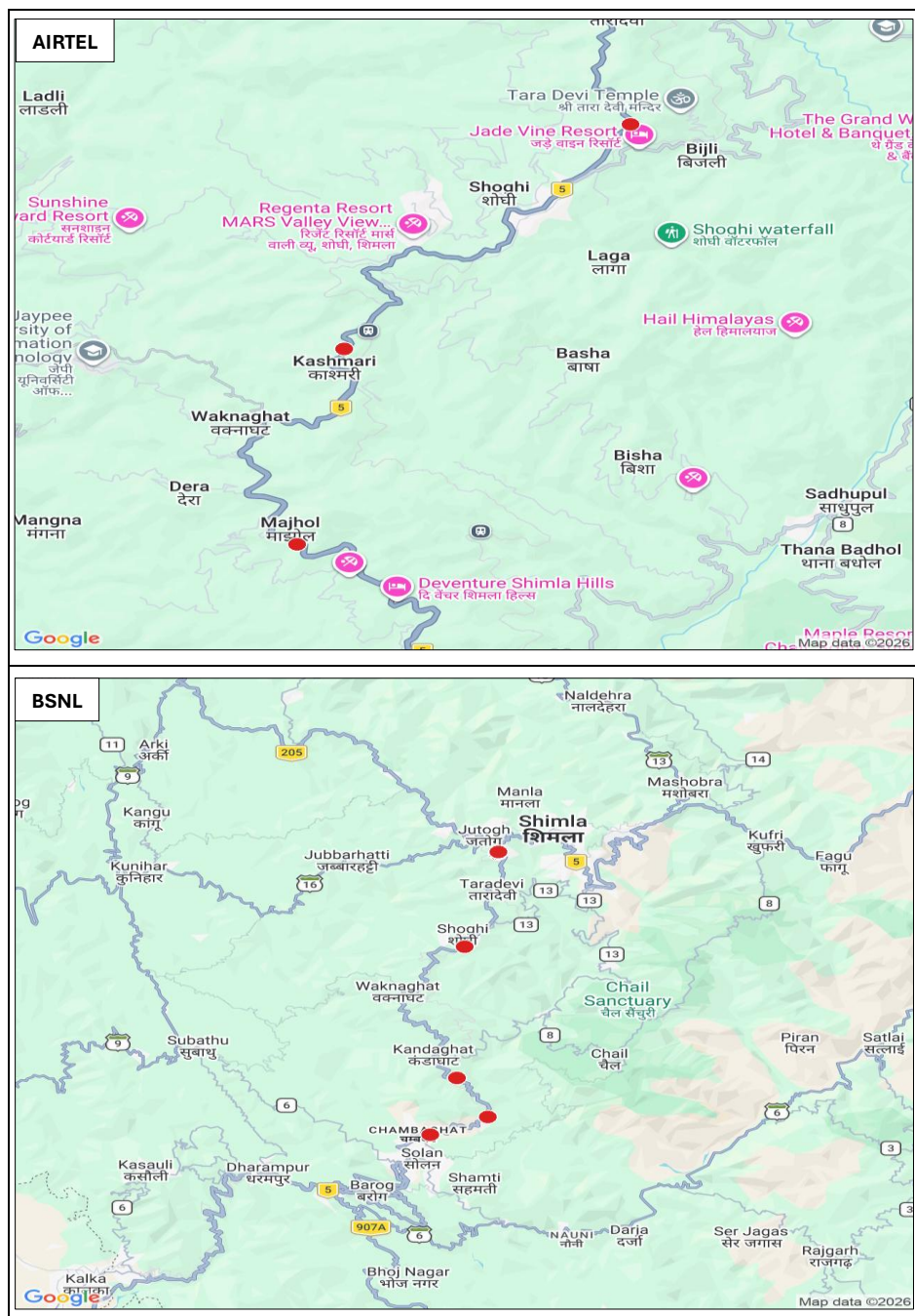


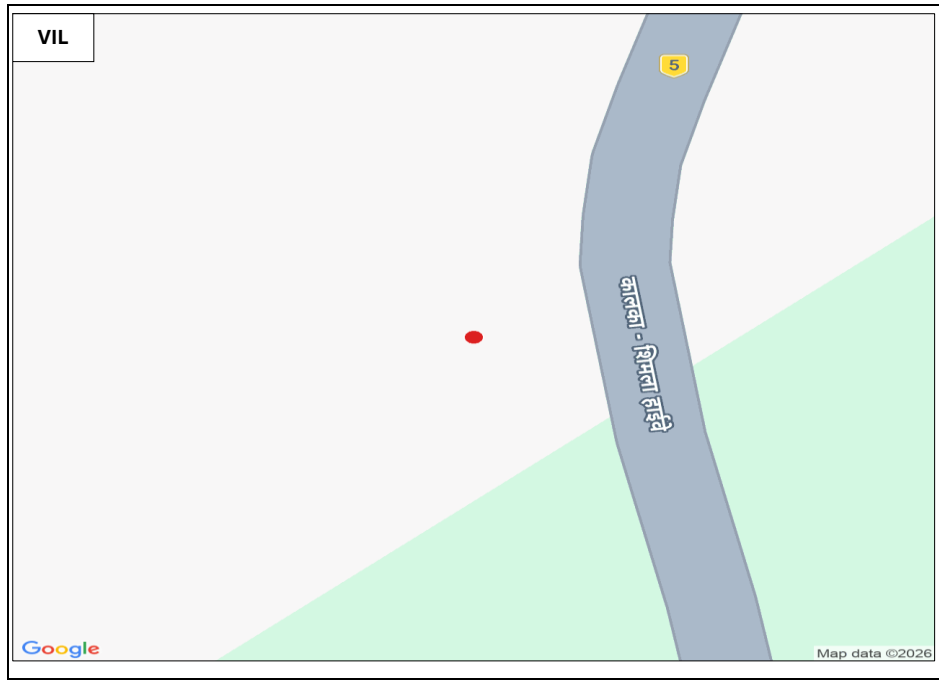
Note: Dropped calls locations are shown in red colour and which can be clicked to know the exact location (latitude and longitude) on the map.

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

Parameter	AIRTEL	BSNL	RJIL	VIL
Call Established (within service provider network)	21	25	21	23
Number of silences calls for >3 Sec	3	5	0	1
Total number of silence instances for >3 Sec	3	7	0	1

Locations of Call Silence Instance



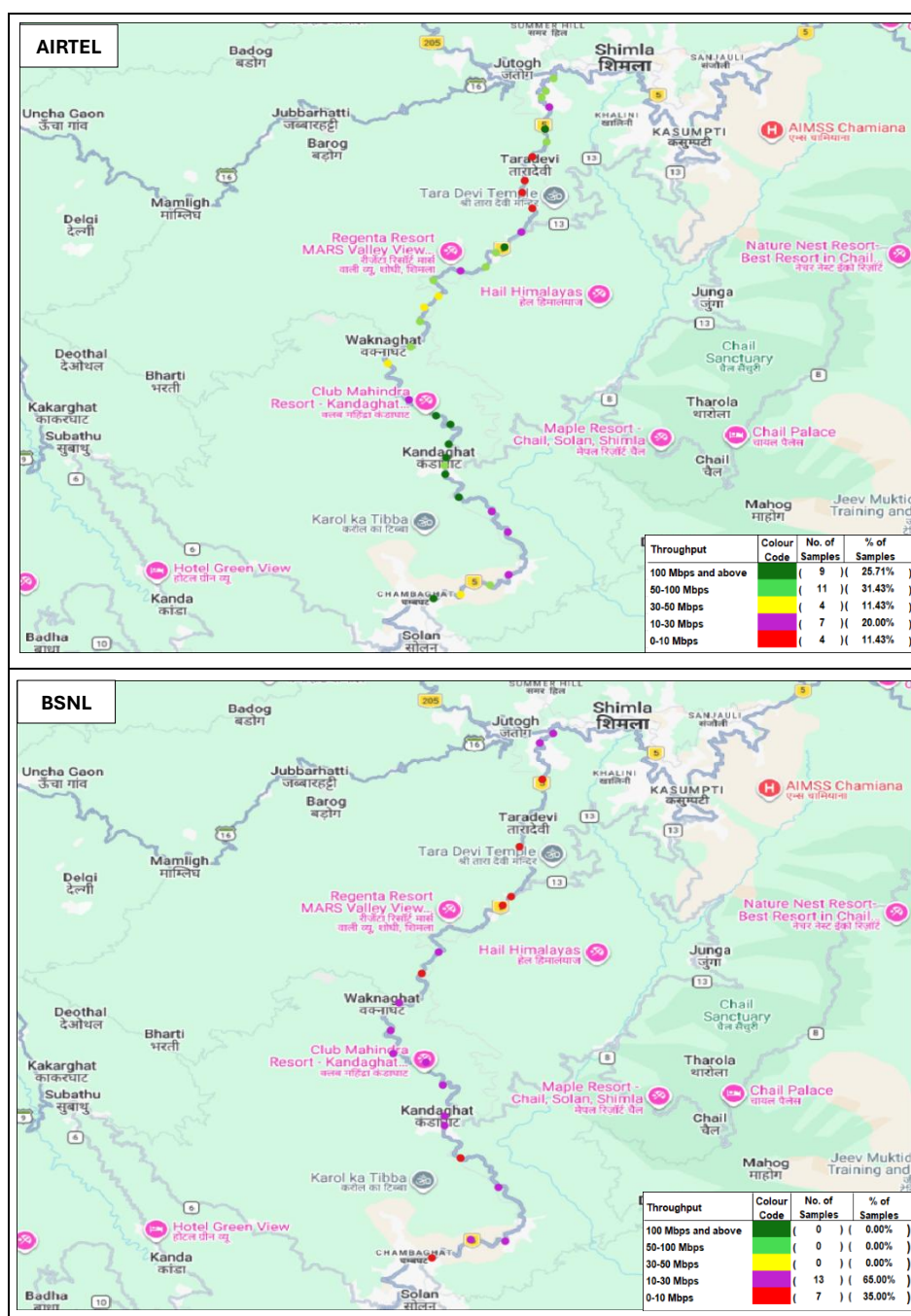


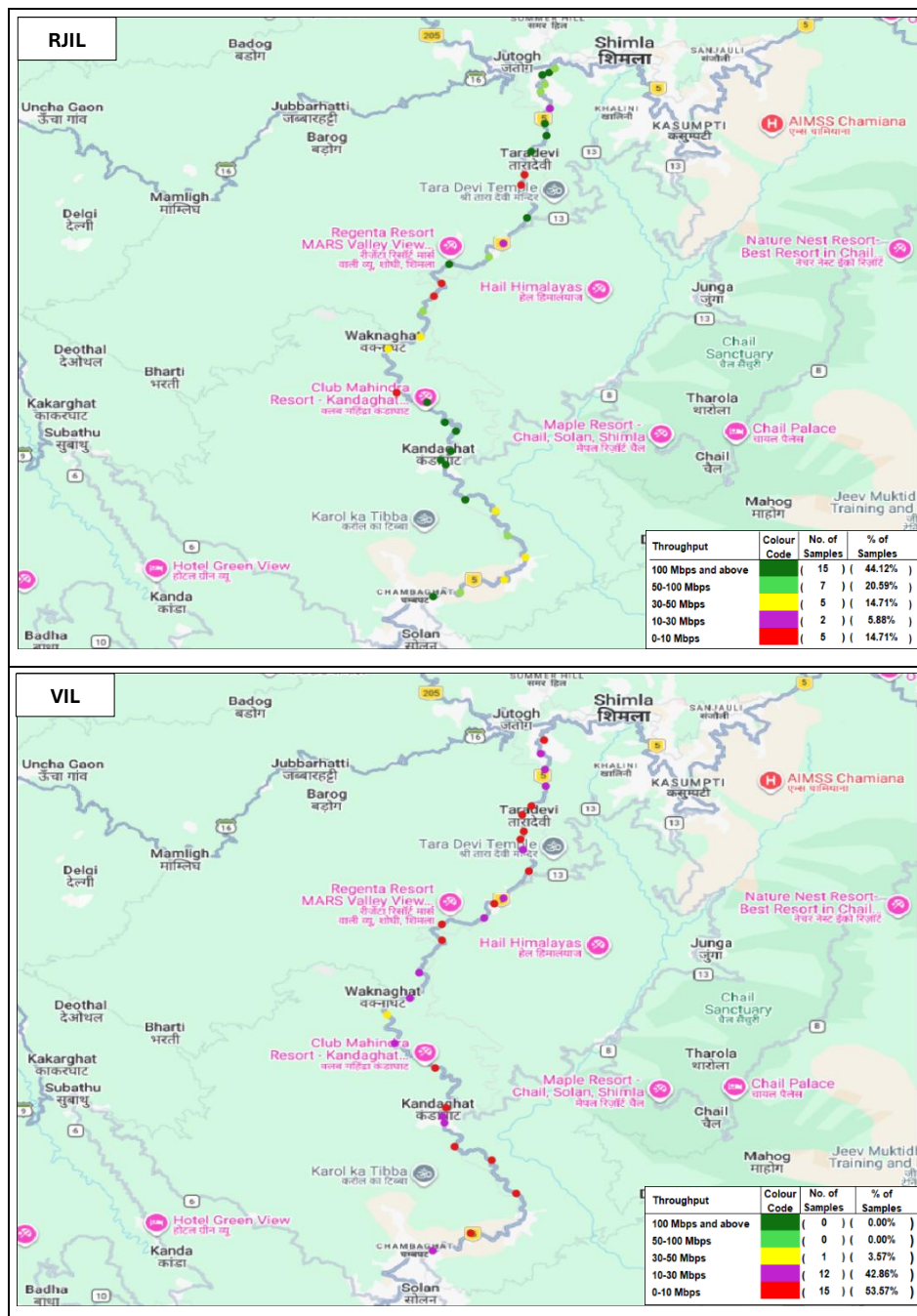
Note: Call silence instances are shown in red color and which can be clicked to know the exact location (latitude and longitude) on the map.

- 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)	18.00	3.00	15.00	15.00
Average Download Throughput measured during IDT	(Mbits/s)	81.98	11.20	126.64	9.13

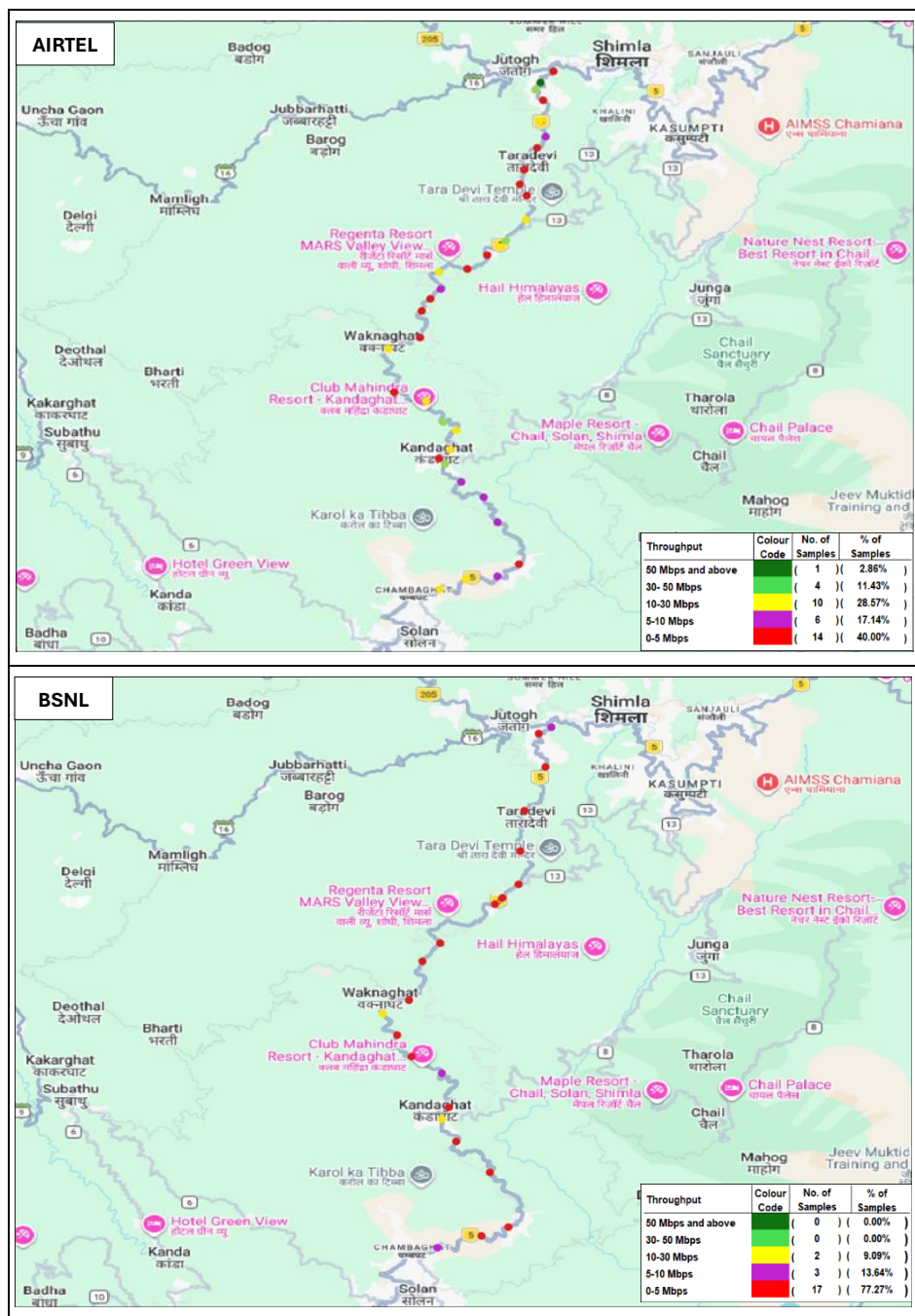


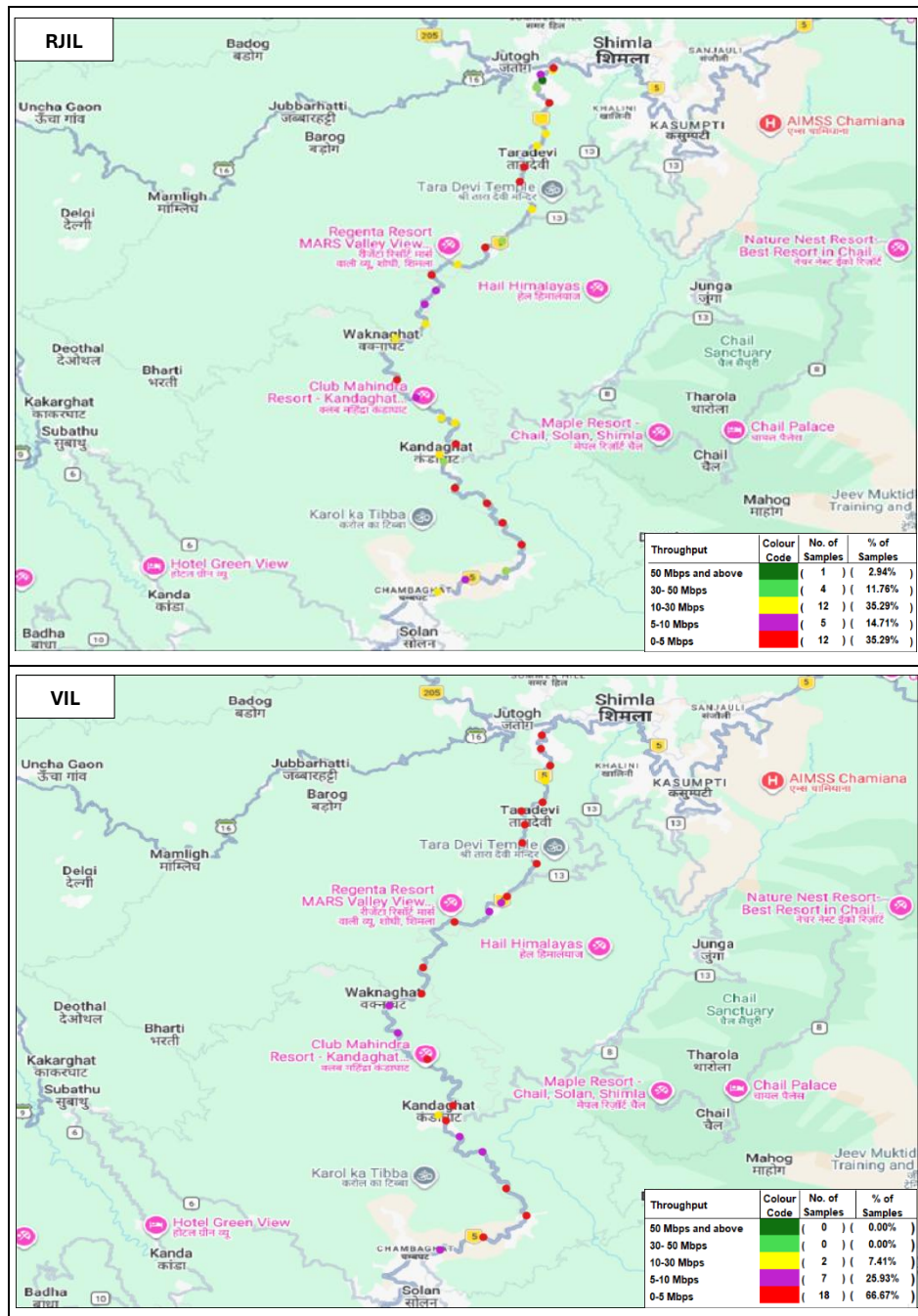


Note: Plot is based on Dynamic Drive Test results only.

(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)	8.00	3.00	7.00	8.00
Average Upload Throughput measured during IDT	(Mbits/s)	13.73	4.31	14.87	4.88





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