

- 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	23986	23597	23643	24080
Number of Samples having poor signal strength	2833	6638	1734	2774
Number of Samples having limited service (No Coverage)	511	635	666	326

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

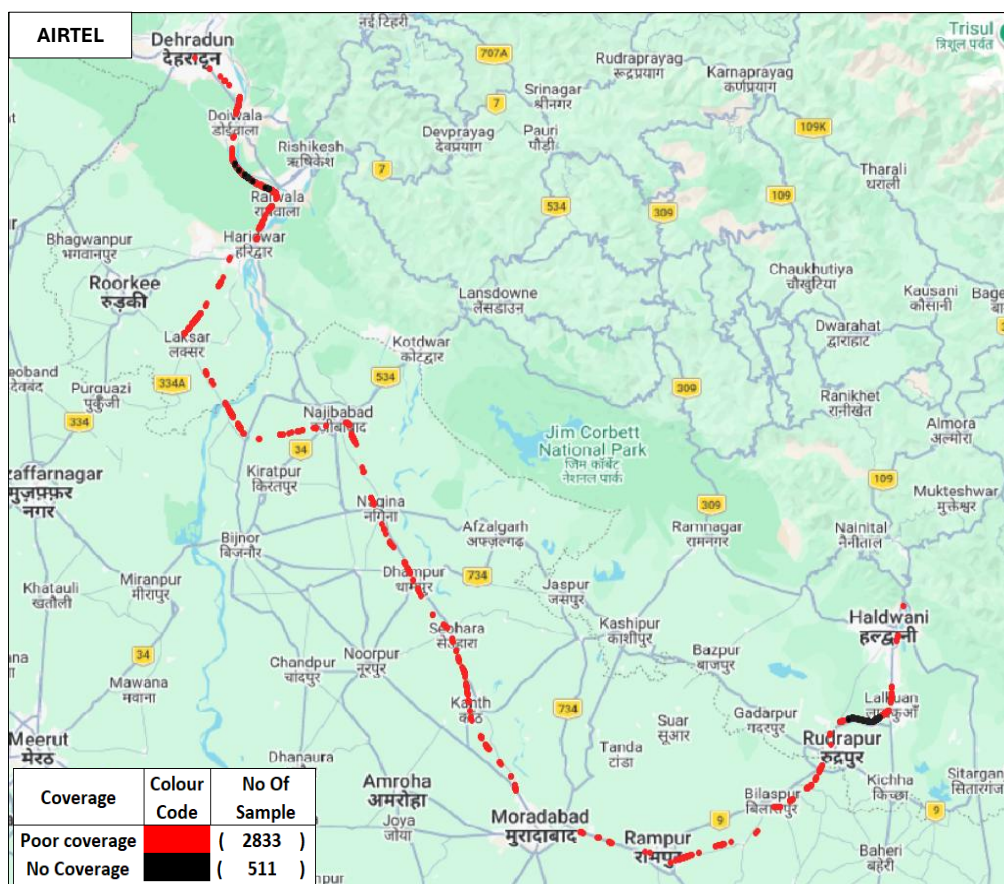


Figure-1: Poor coverage & no coverage locations in auto-selection mode (5G/4G/3G/2G) voice-Airtel.

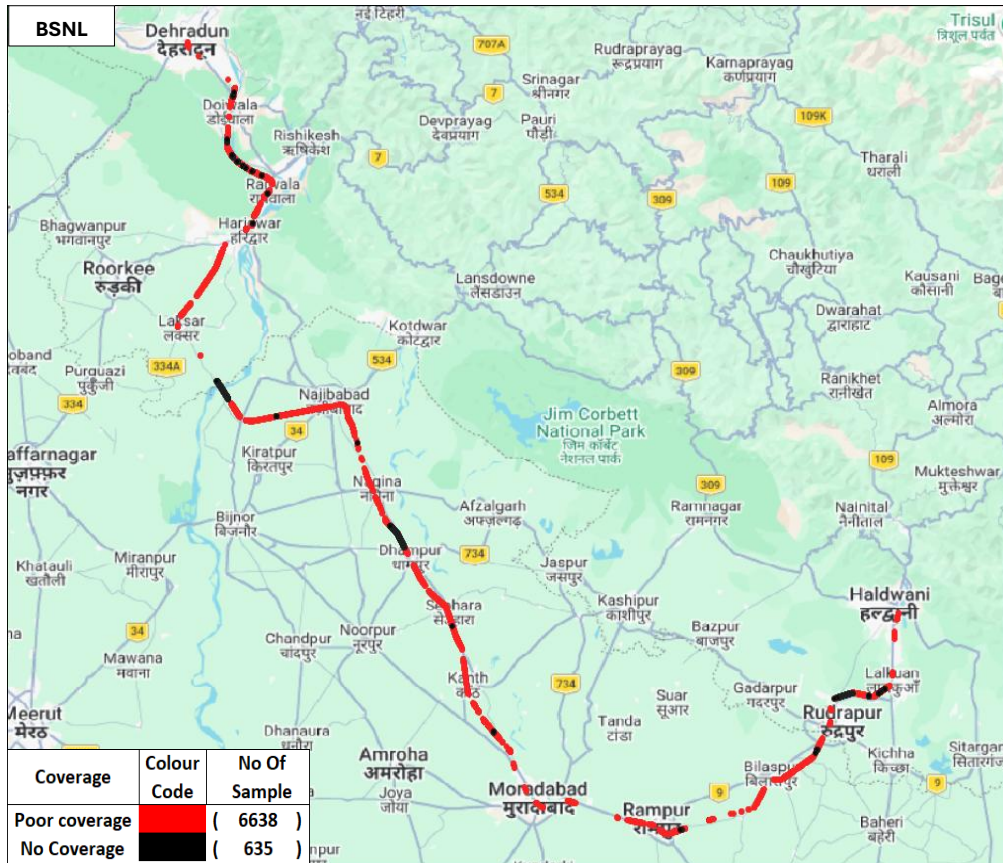


Figure-2: Poor coverage & no coverage locations in auto-selection mode (5G/4G/3G/2G) voice-BSNL.

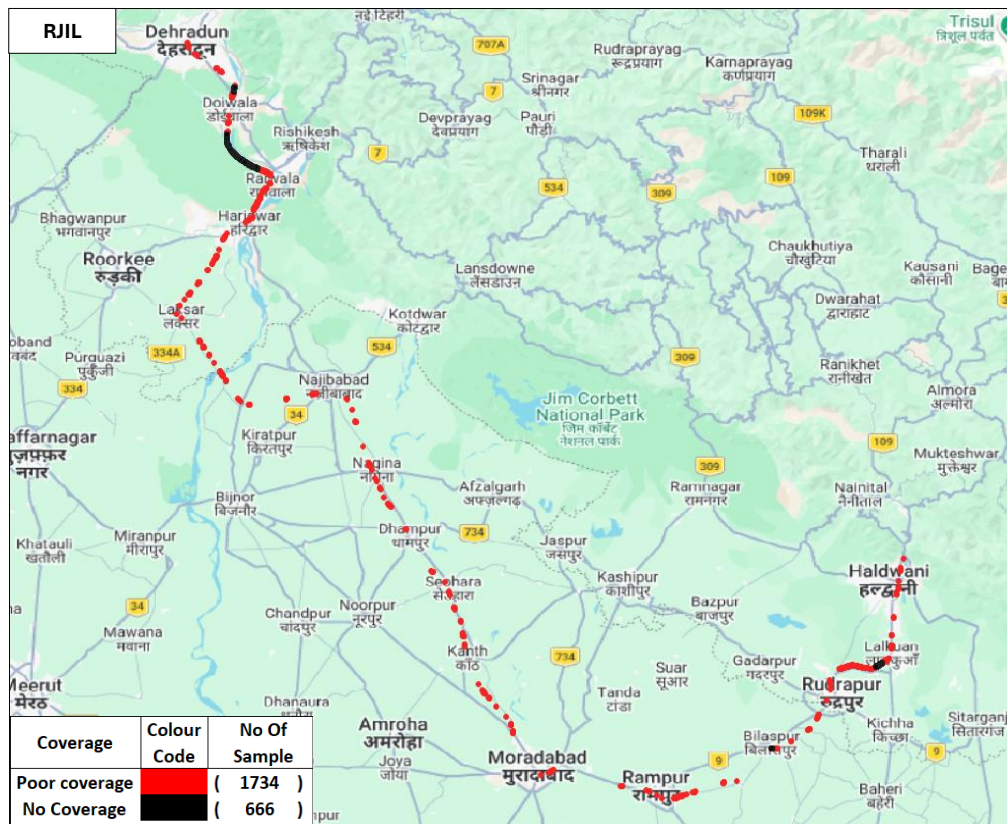


Figure-3: Poor coverage & no coverage locations in auto-selection mode (5G/4G/3G/2G) voice-RJIL.

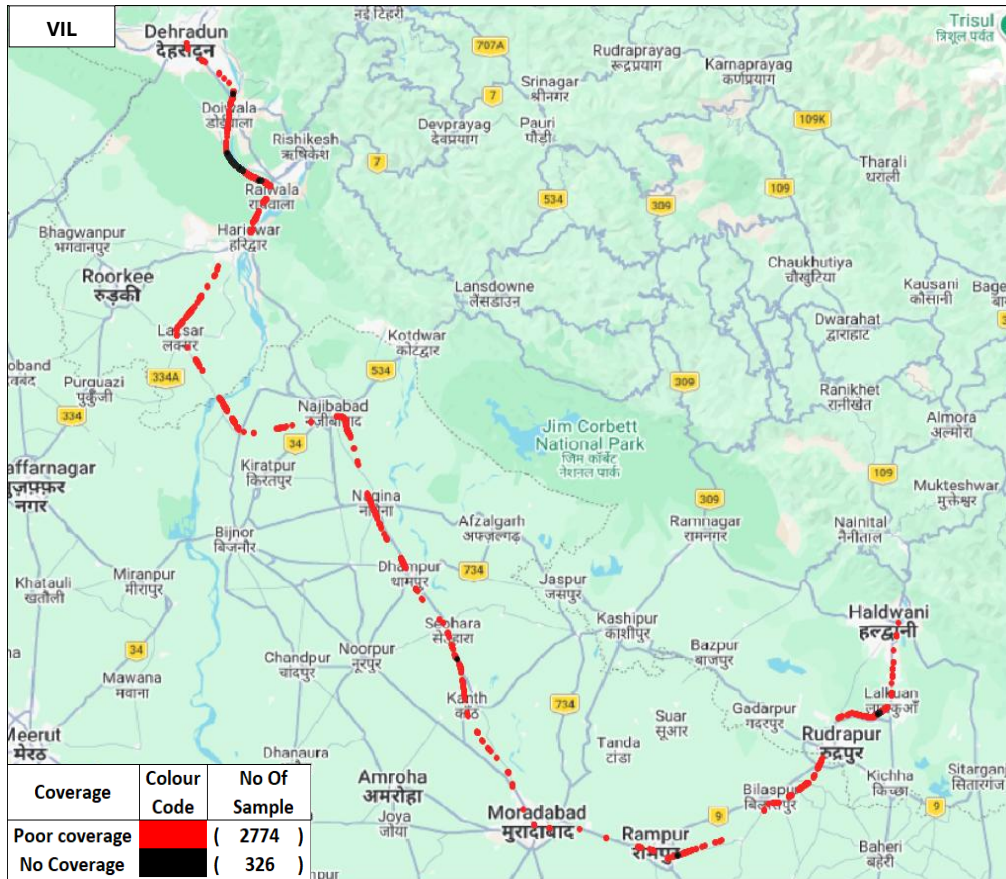


Figure-4: Poor coverage & no coverage locations in auto-selection mode 5G/4G/3G/2G voice- VIL.

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	115	129	124	126
Number of dropped Calls	5	24	5	6

Locations of Dropped Calls

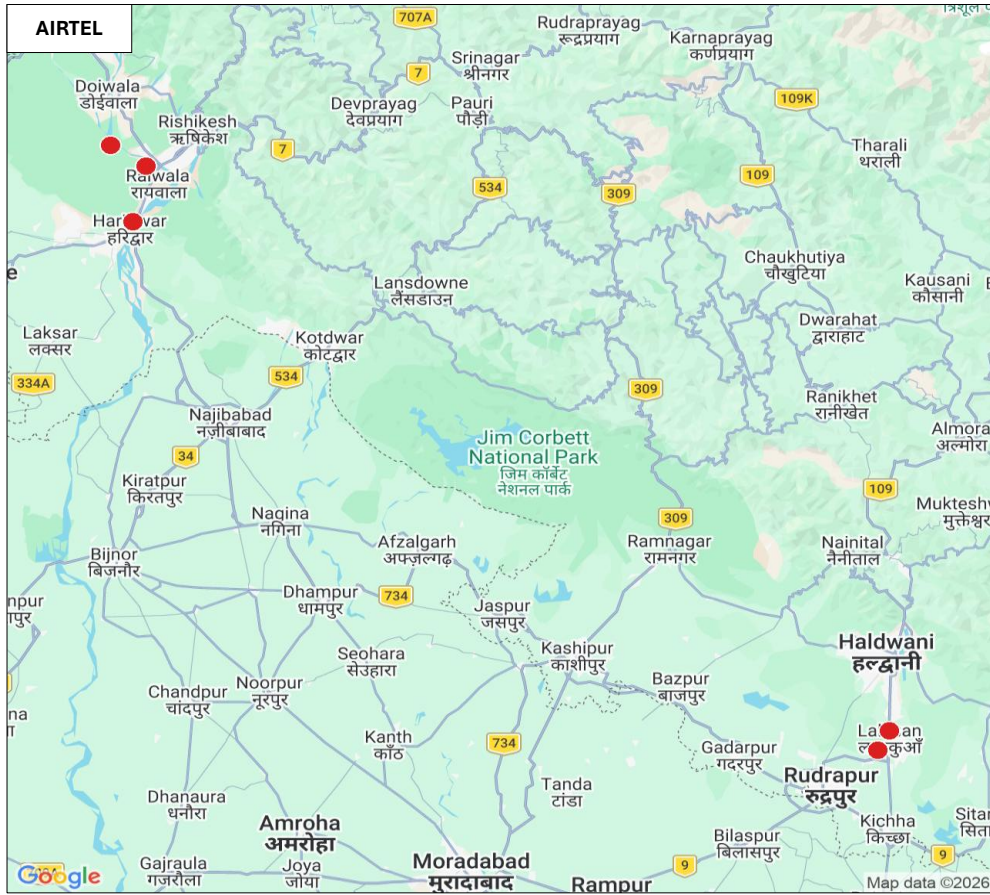


Figure-5: Drop call locations in auto-selection mode (5G/4G/3G/2G) voice – AIRTEL

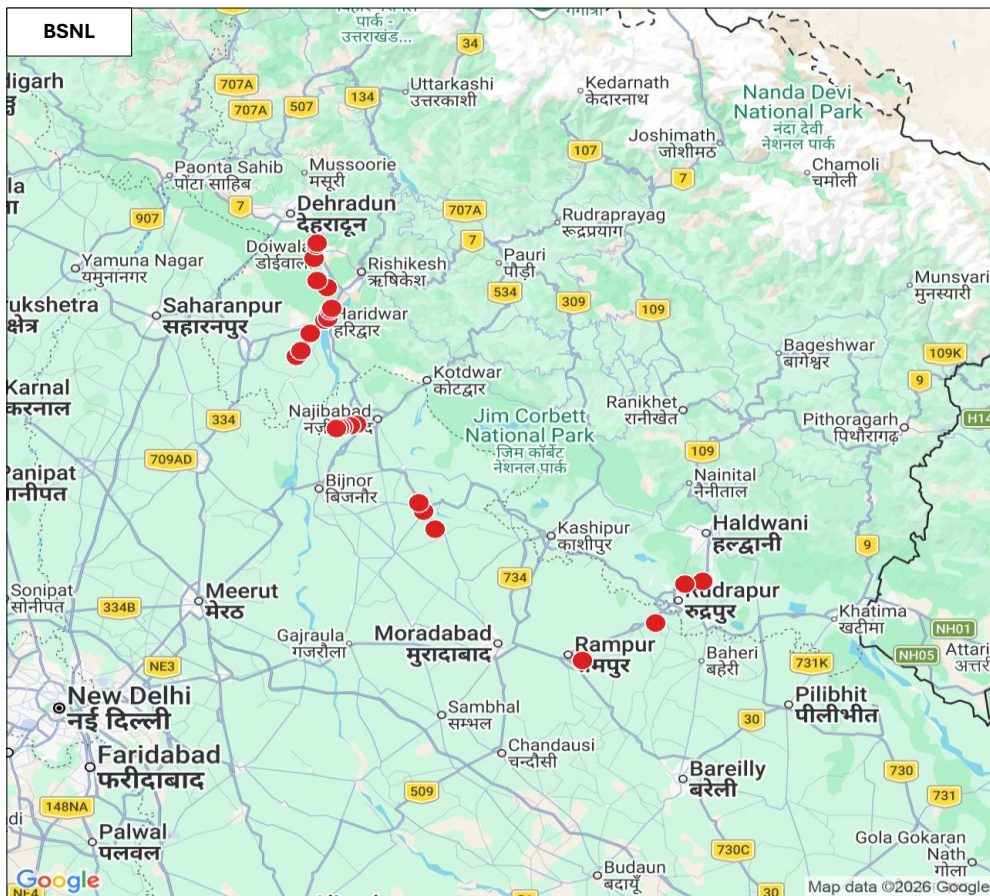


Figure-6: Drop call locations in auto-selection mode (5G/4G/3G/2G) voice – BSNL

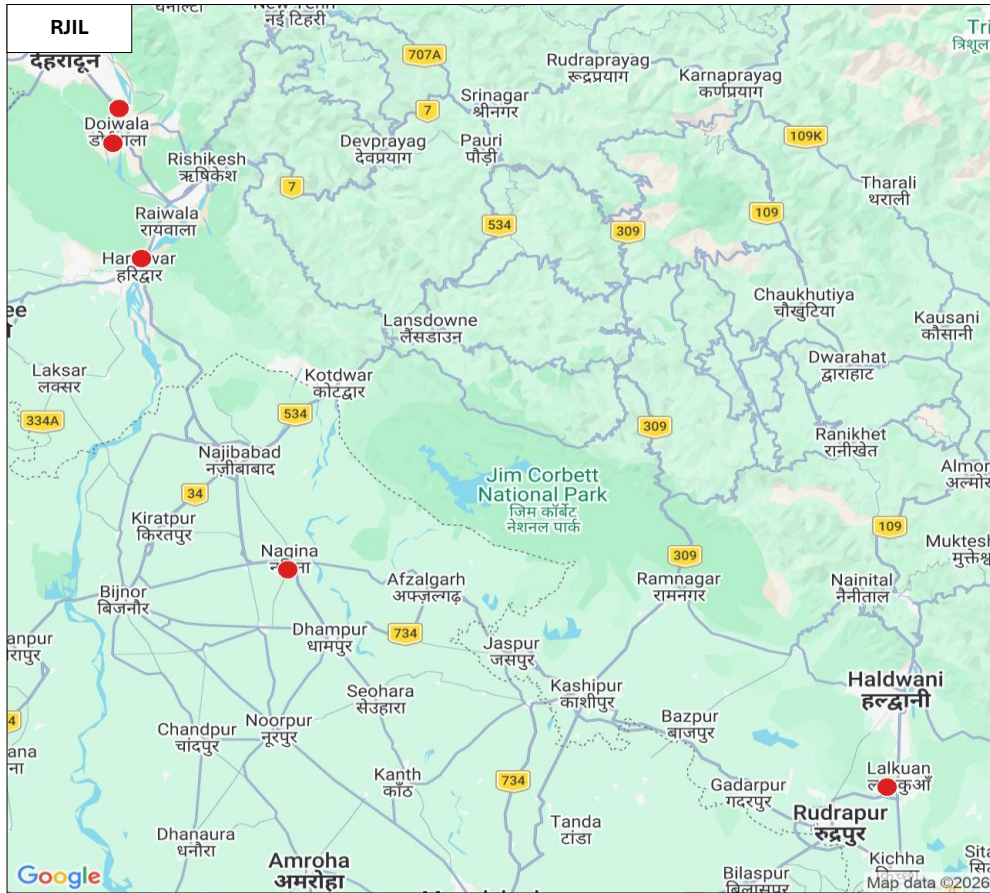


Figure-7: Drop call locations in auto-selection mode (5G/4G/3G/2G) voice – RJIL

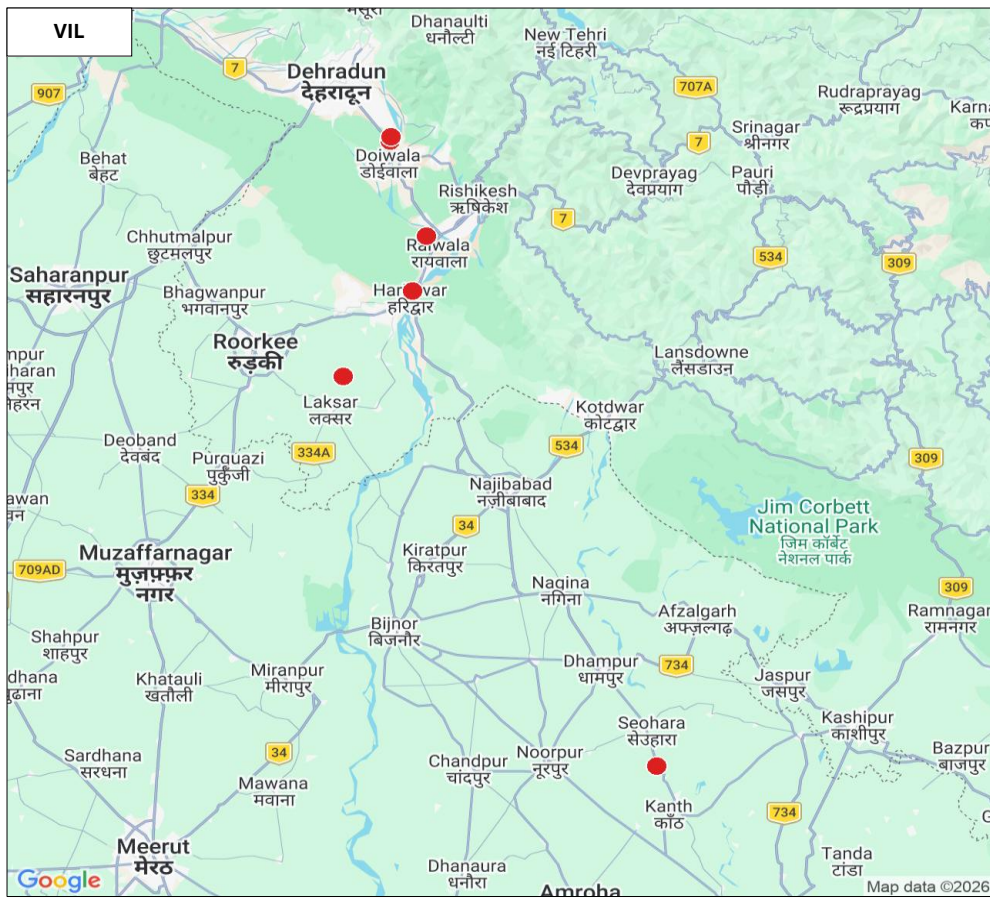


Figure-8: Drop call locations in auto-selection mode (5G/4G/3G/2G) voice – VIL

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.

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)	18.00	2.00	15.00	15.00
Average Download Throughput measured during IDT	(Mbits/s)	113.02	10.84	156.76	36.32

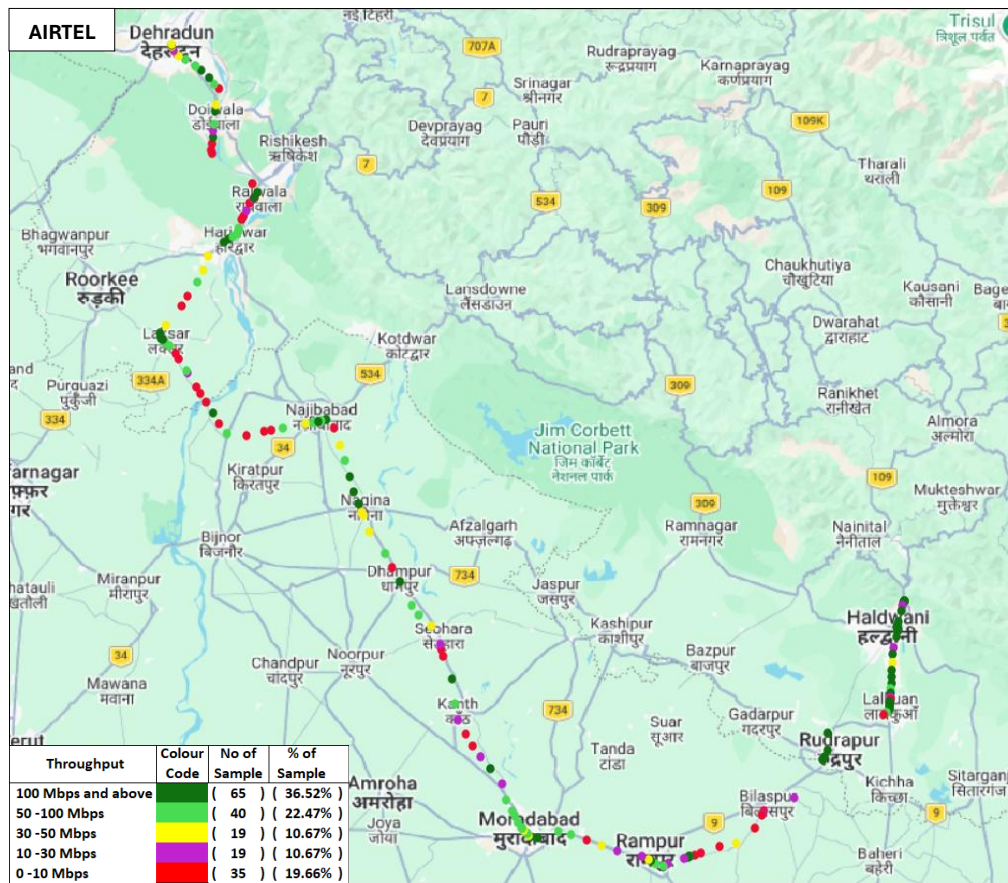


Figure-9: Download throughput distribution auto-selection mode (5G/4G/3G/2G) - AIRTEL.

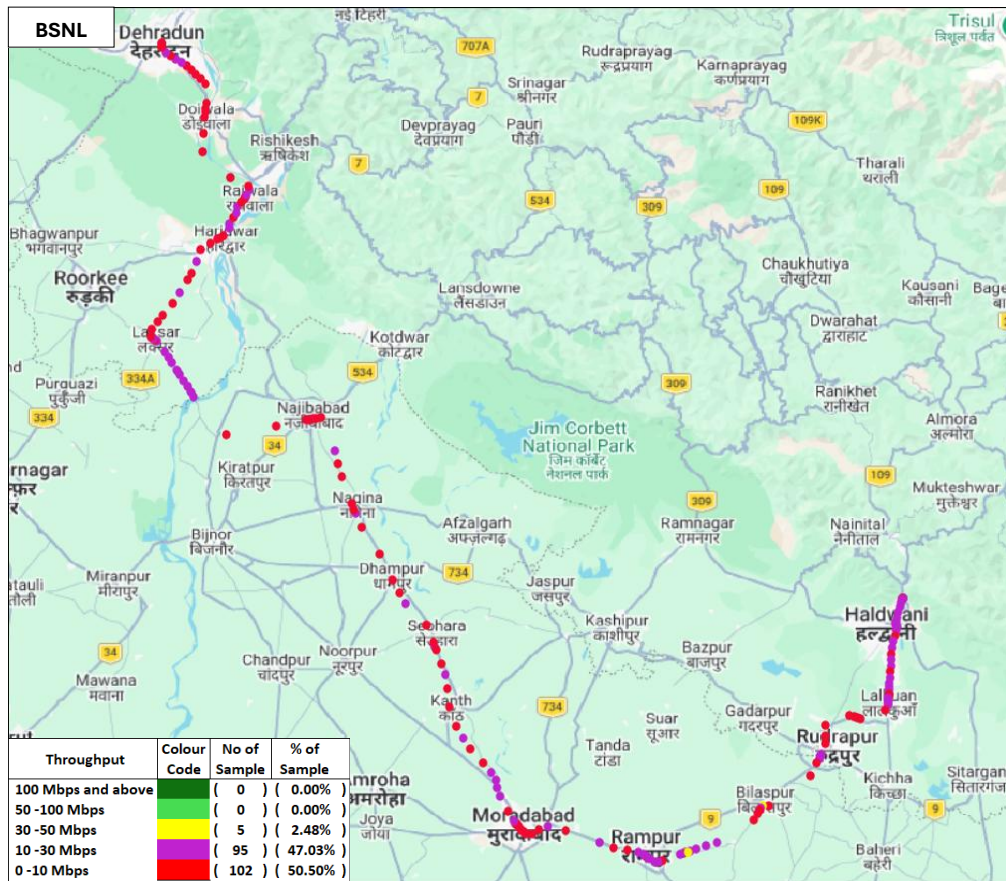


Figure-10: Download throughput distribution auto-selection mode (5G/4G/3G/2G) - BSNL.

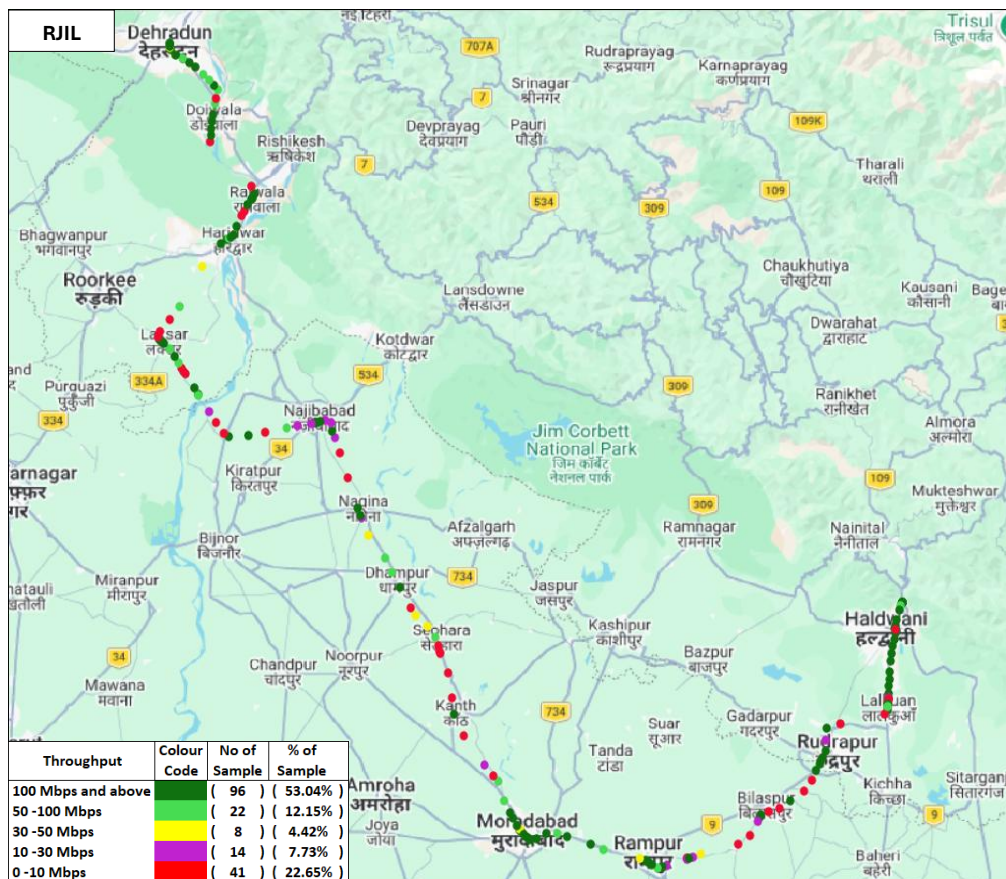


Figure-11: Download throughput distribution auto-selection mode (5G/4G/3G/2G) - RJIL.

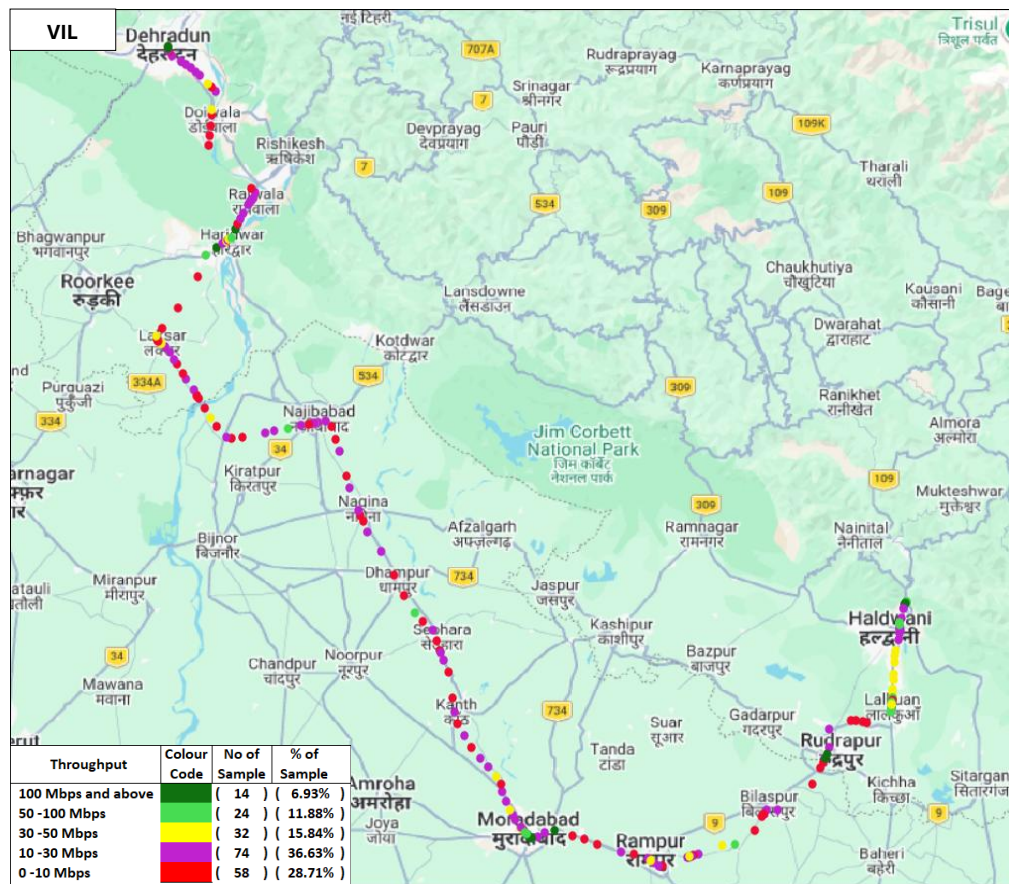


Figure-12: Download throughput distribution auto-selection mode (5G/4G/3G/2G) - VIL.

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)	8.00	2.00	7.00	8.00
Average Upload Throughput measured during IDT	(Mbits/s)	16.60	4.83	18.18	8.47

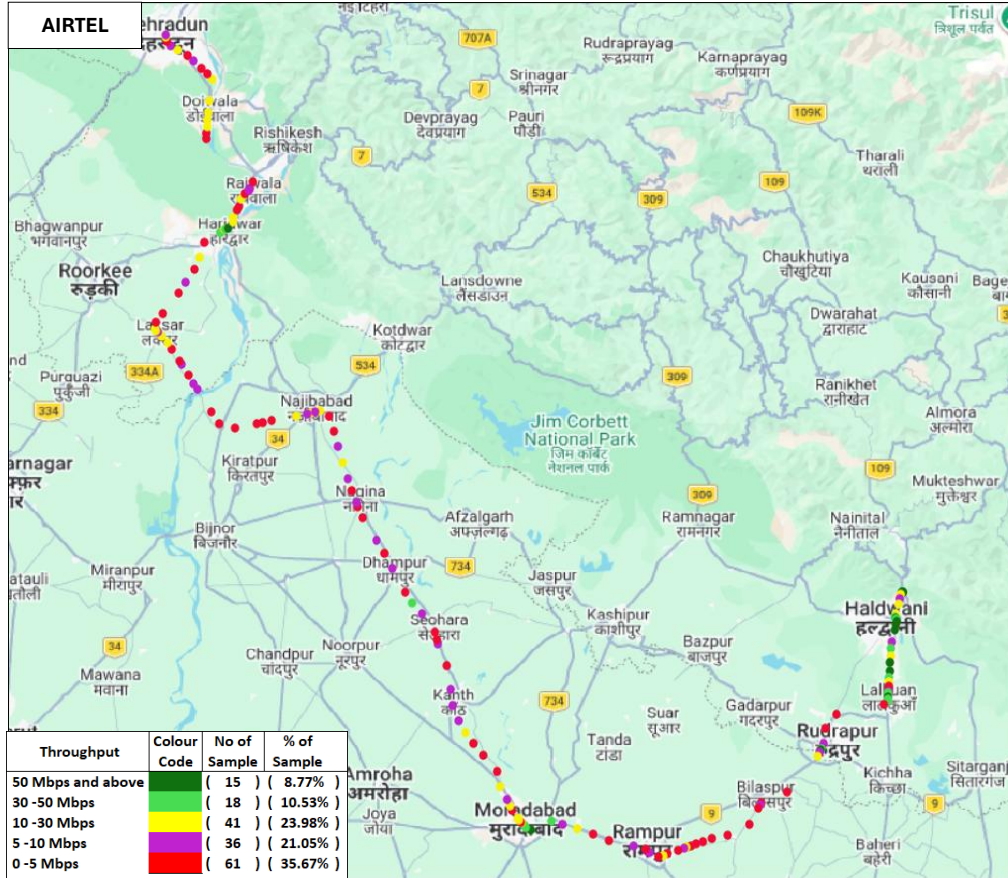


Figure-13: Upload throughput distribution auto-selection mode (5G/4G/3G/2G) - AIRTEL.

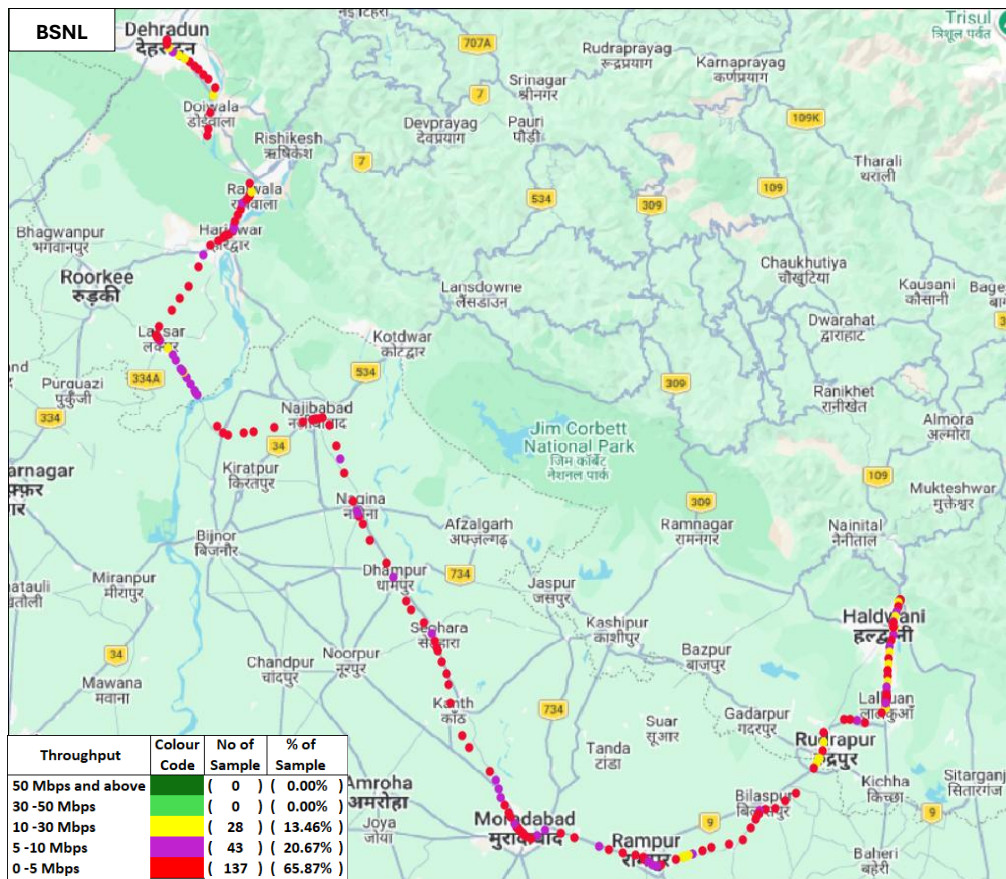


Figure-14: Upload throughput distribution auto-selection mode (5G/4G/3G/2G) - BSNL.

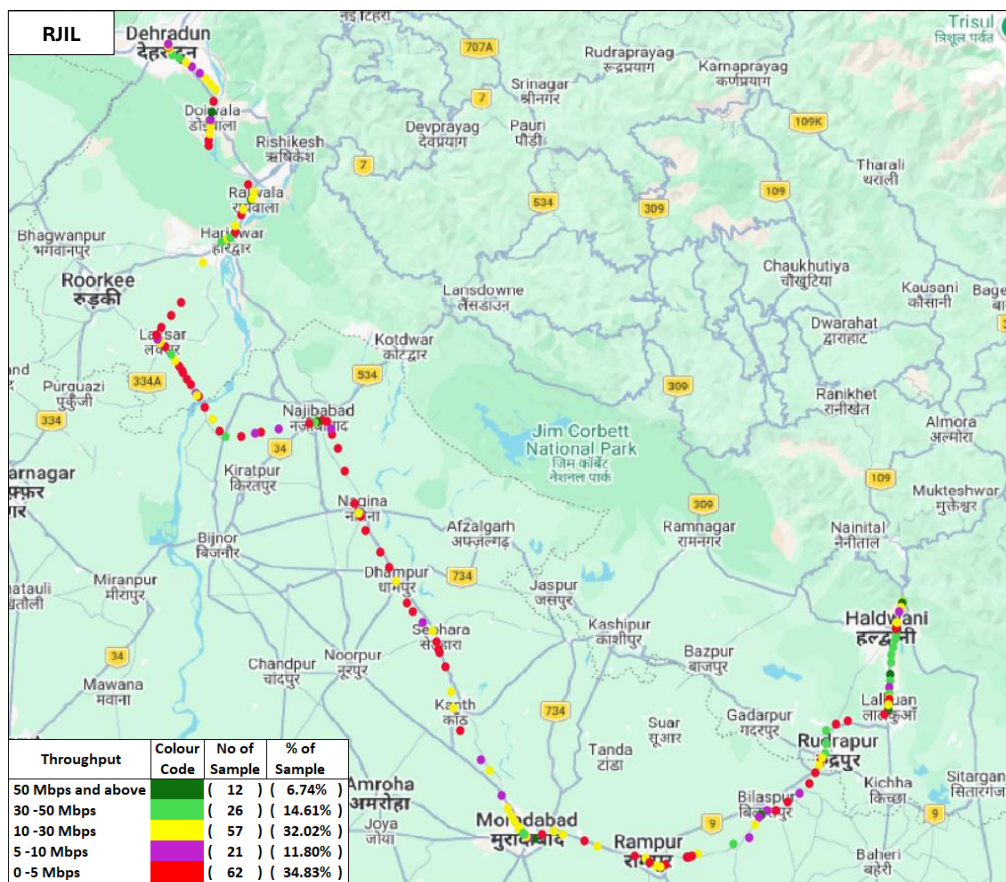


Figure-15: Upload throughput distribution auto-selection mode (5G/4G/3G/2G) - RJIL.

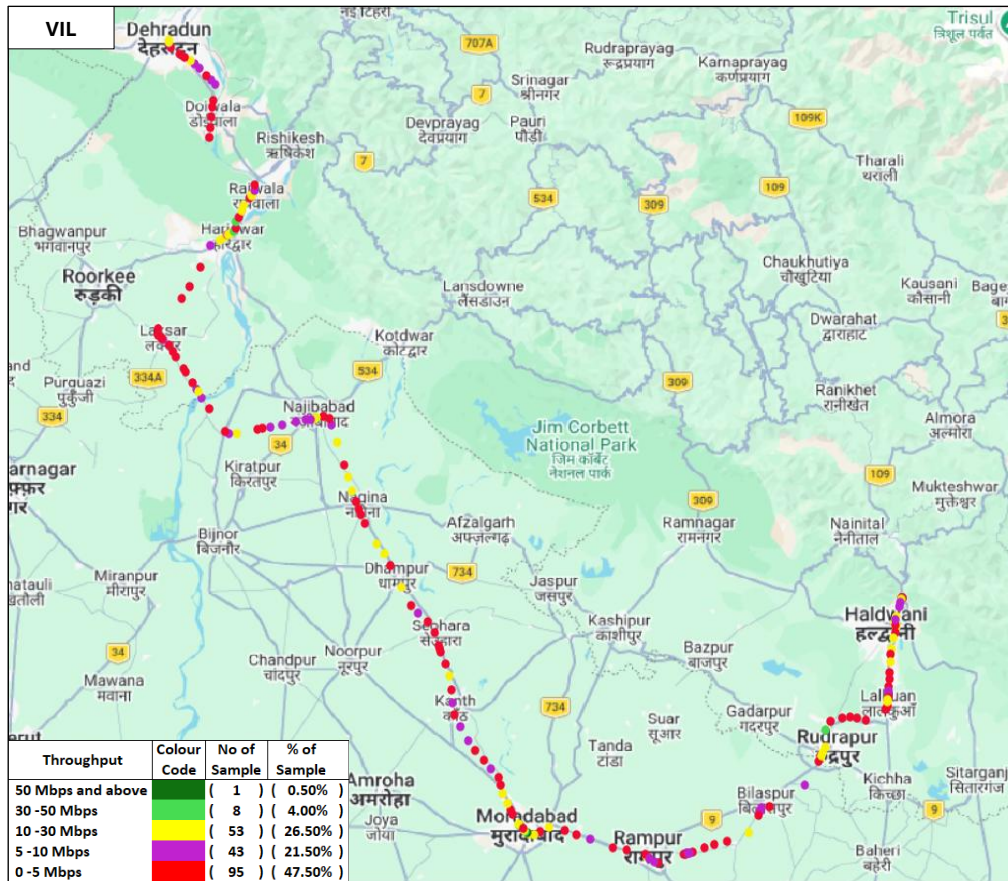


Figure-16: Upload throughput distribution auto-selection mode (5G/4G/3G/2G) - VIL.

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