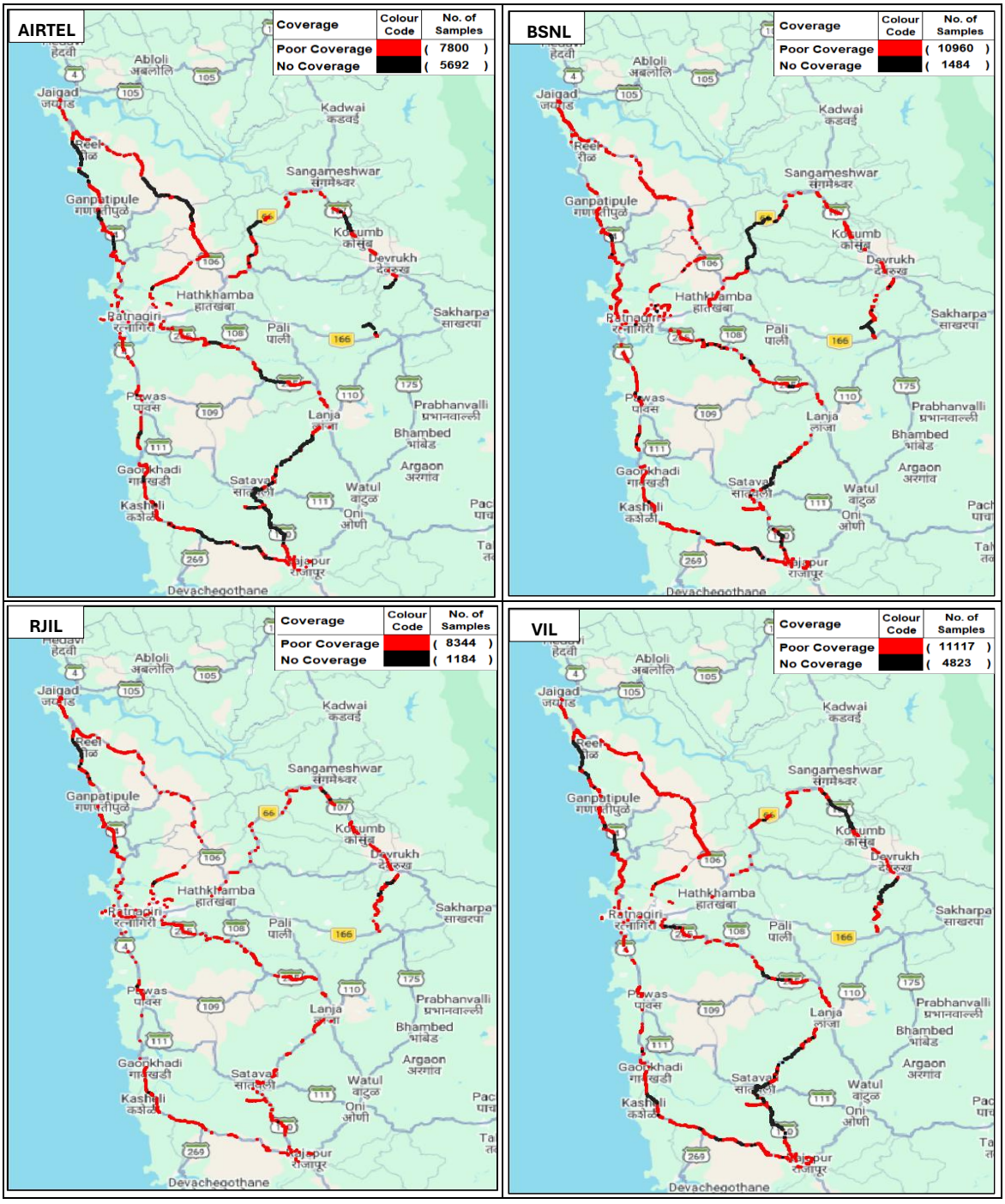
## 1. District:

**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 | 33673 | 40900 | 42801 | 38305 |
| Number of Samples having poor signal strength | 7800 | 10960 | 8344 | 11117 |
| Number of Samples having limited service (No Coverage) | 5692 | 1484 | 1184 | 4823 |

**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**

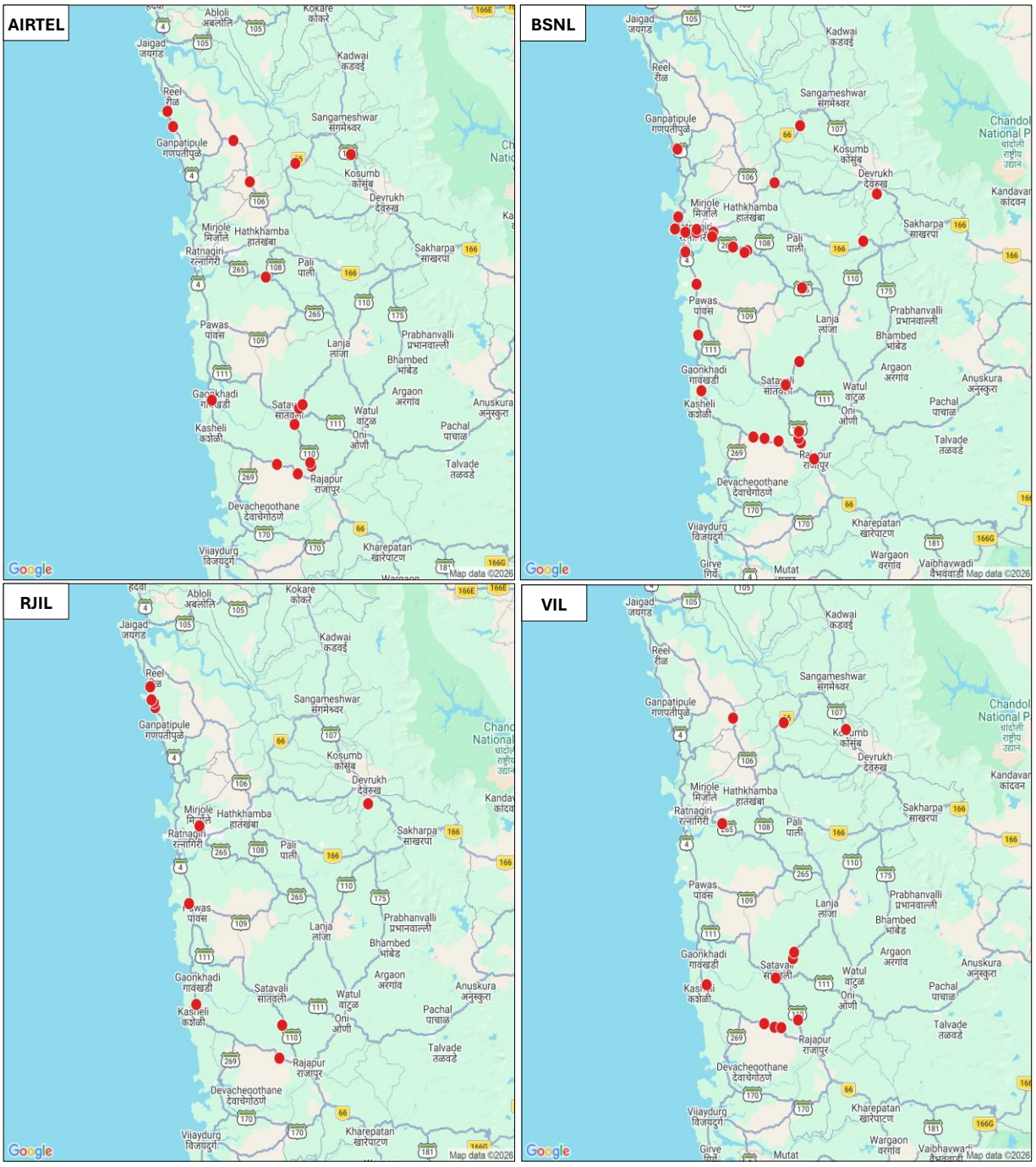



**Note:** Plot is based on Dynamic Drive Test results only.

**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 | 301 | 338 | 387 | 339 |
| Number of dropped Calls | 15 | 32 | 10 | 12 |

**Locations of Dropped Calls**

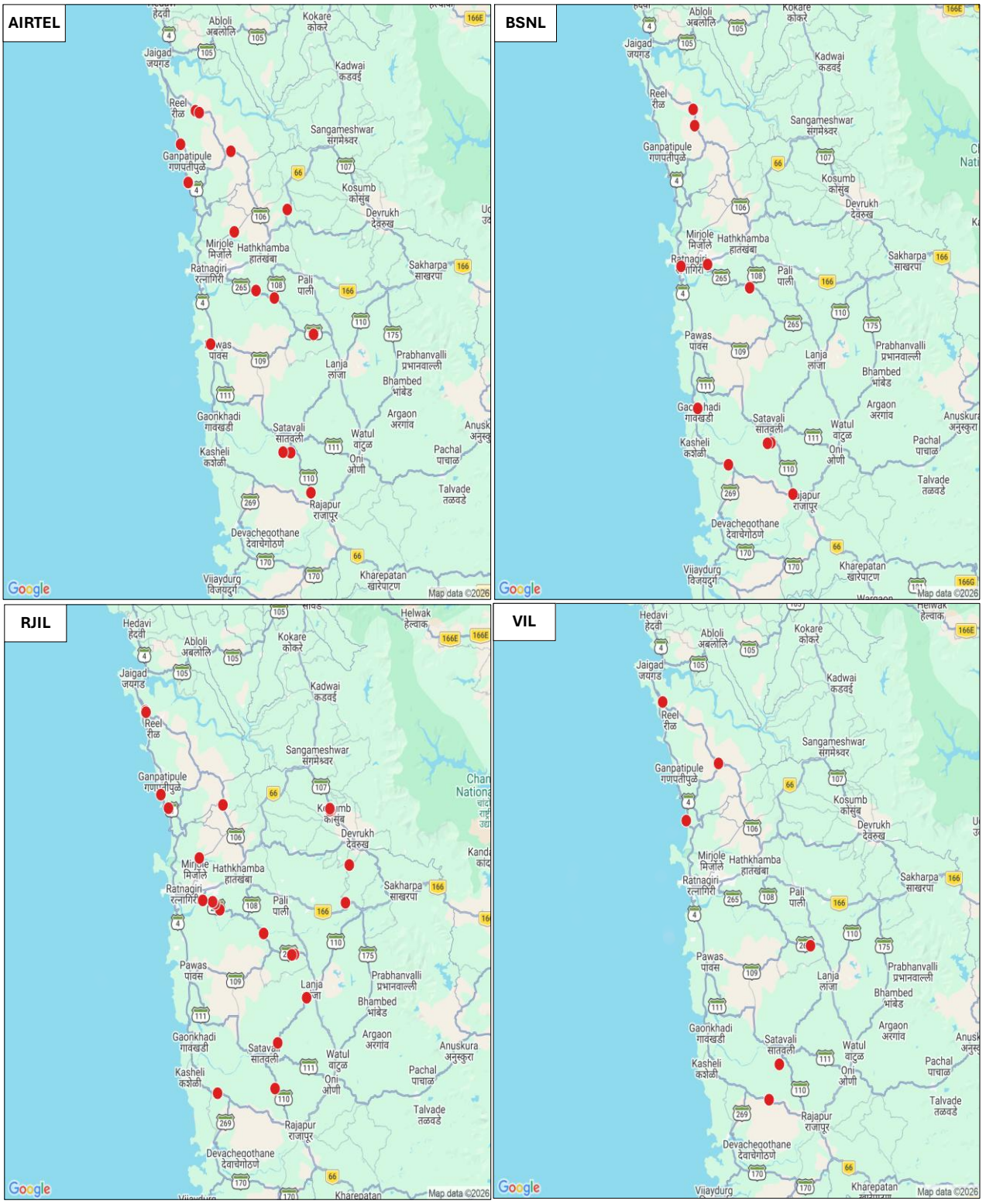



**Note:** Dropped calls locations are shown in red colour, and which can be clicked to know the exact location (latitude and longitude) on the maps.

**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) | 282 | 310 | 355 | 306 |
| Number of silences calls for >3 Sec | 13 | 10 | 20 | 6 |
| Total number of silence instances for >3 Sec | 15 | 11 | 23 | 6 |

**Locations of Call Silence Instance**

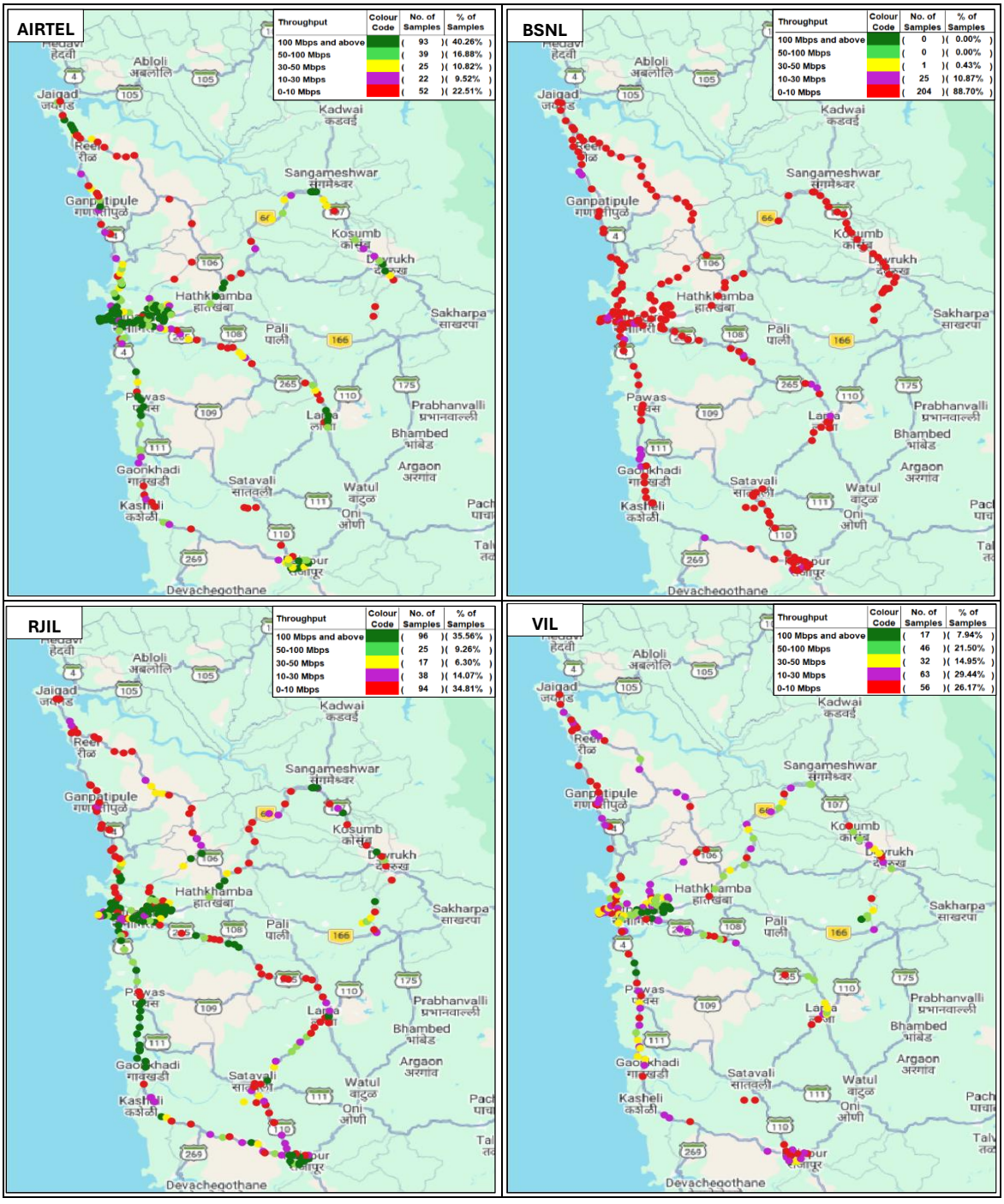



**Note:** Call silence instances are shown in red colour, and which can be clicked to know the exact location (latitude and longitude) on the map.

**d) Data Download and Upload throughput:** 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**

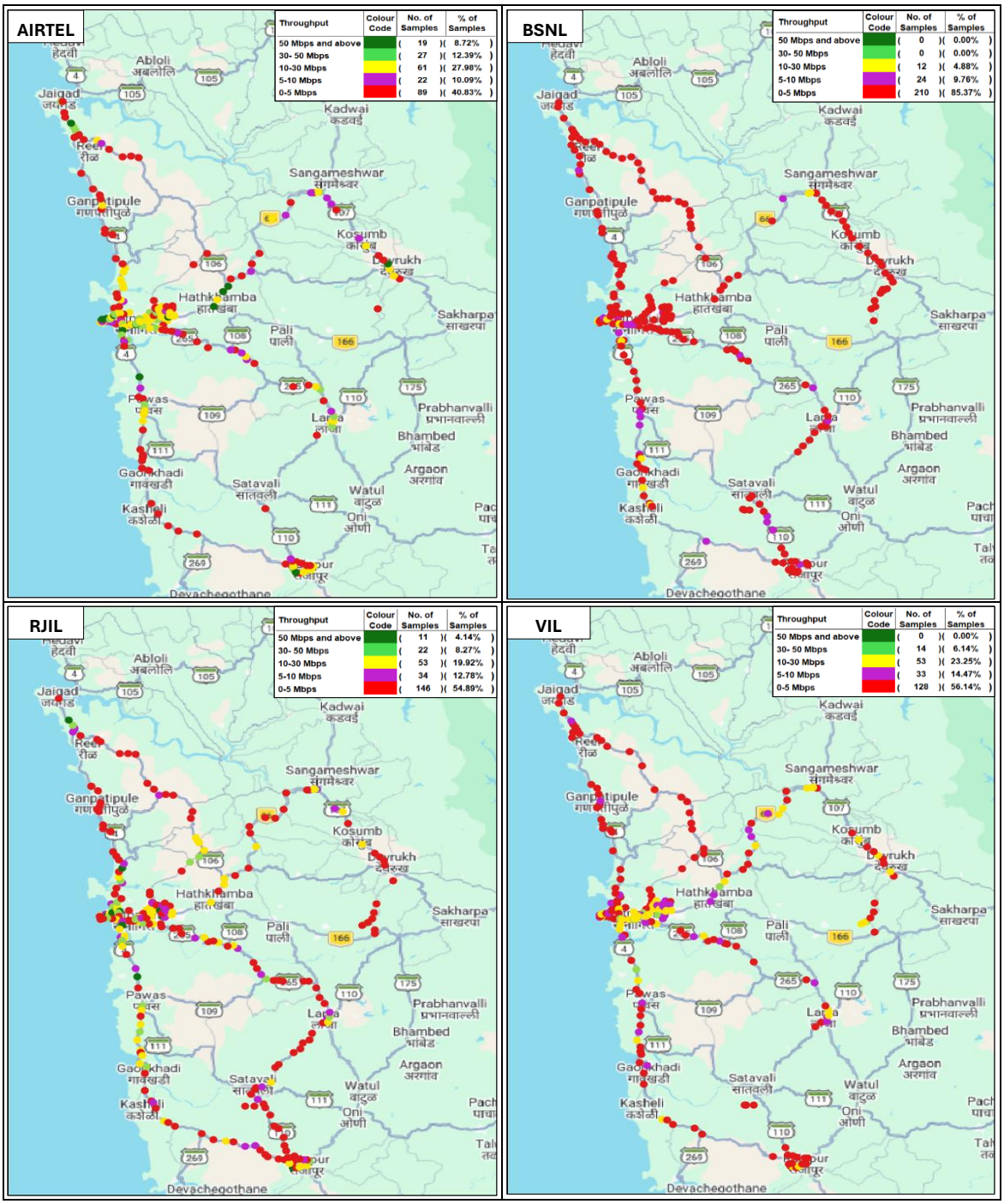
| Parameter | Measured in | AIRTEL (upto 5G) | BSNL (upto 4G) | RJIL (upto 5G) | VIL (upto 5G) |
|---|---|---|---|---|---|
| Typical Download throughput declared by TSP | (Mbits/s) | 23.00 | 5.00 | 15.00 | 15.00 |
| Average Download Throughput measured during IDT | (Mbits/s) | 113.81 | 4.42 | 134.77 | 38.93 |




**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 | 3.00 | 7.00 | 8.00 |
| Average Upload Throughput measured during IDT | (Mbits/s) | 17.46 | 2.62 | 11.40 | 8.50 |




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

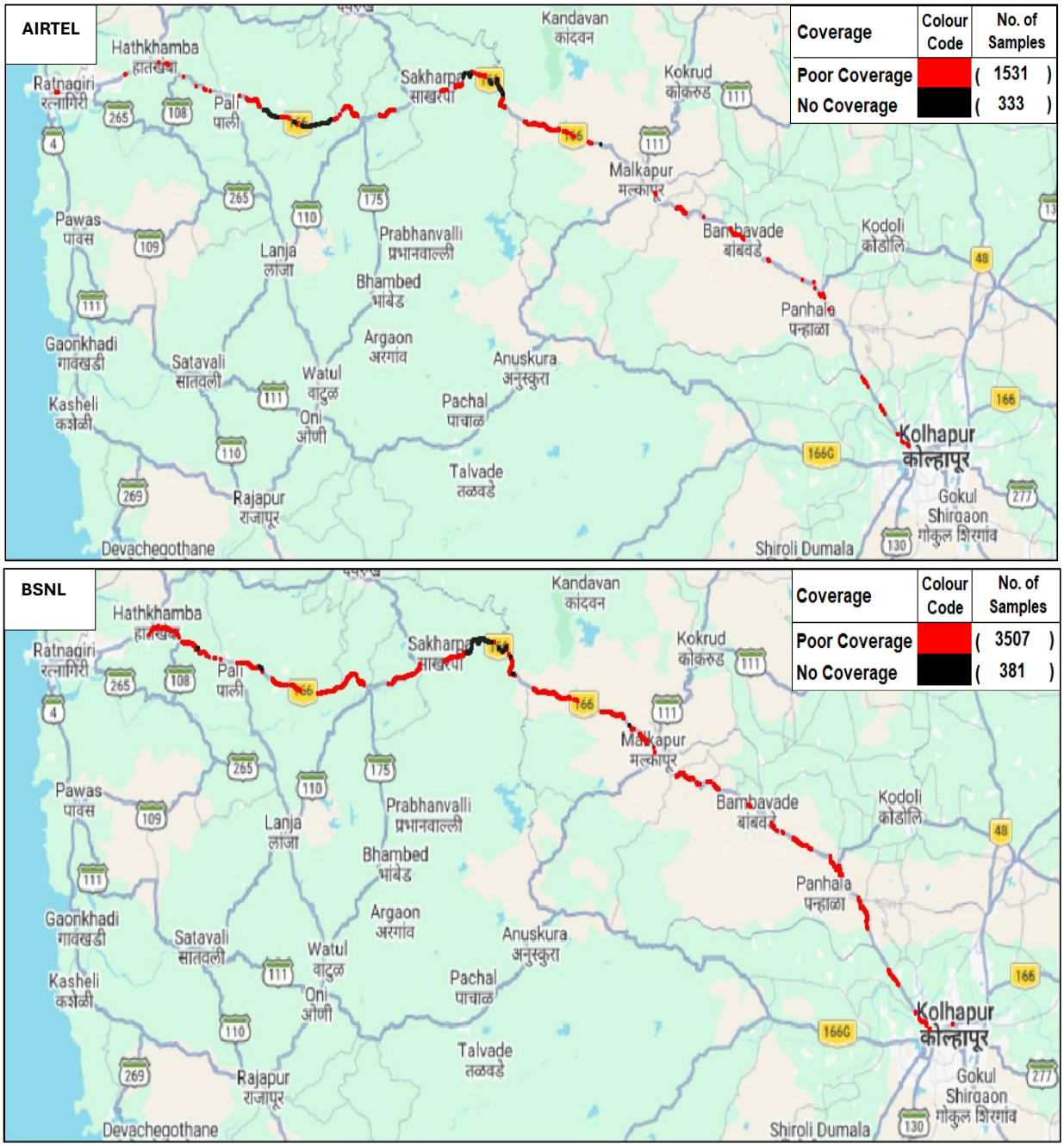
## 2. Highway - Ratnagiri to Kolhapur (Maharashtra LSA):

**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:

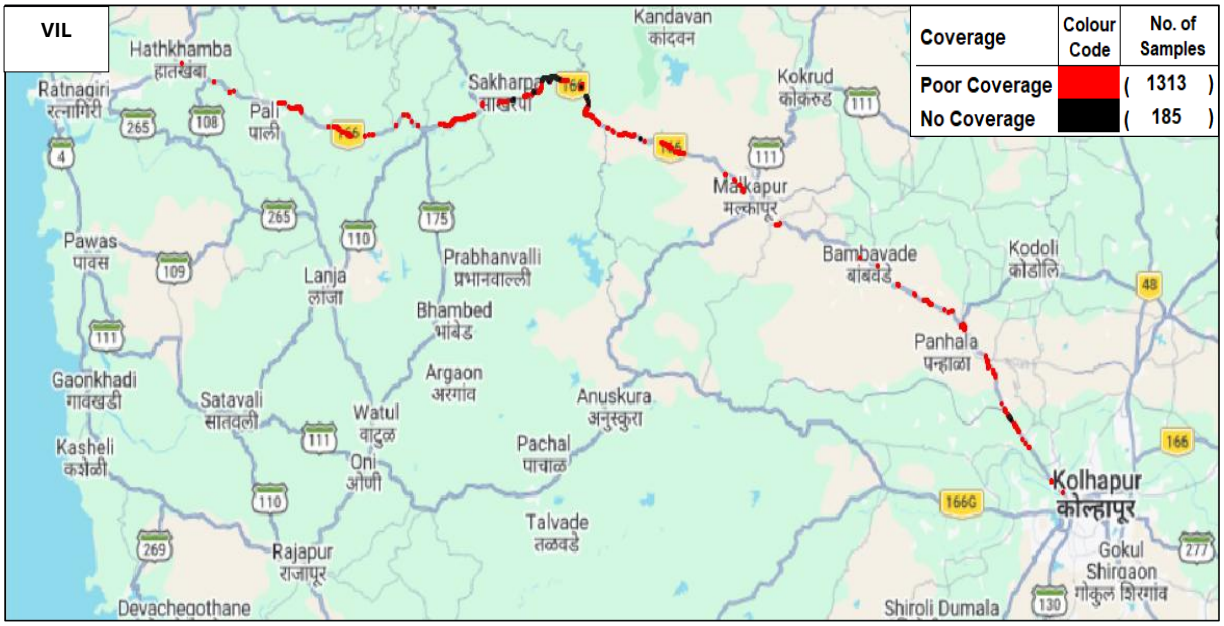
| Parameter | AIRTEL | BSNL | RJIL | VIL |
|---|---|---|---|---|
| Total Number of Samples captured on Drive test route | 11280 | 11135 | 11954 | 11656 |
| Number of Samples having poor signal strength | 1531 | 3507 | 509 | 1313 |
| Number of Samples having limited service (No Coverage) | 333 | 381 | 100 | 185 |

**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**





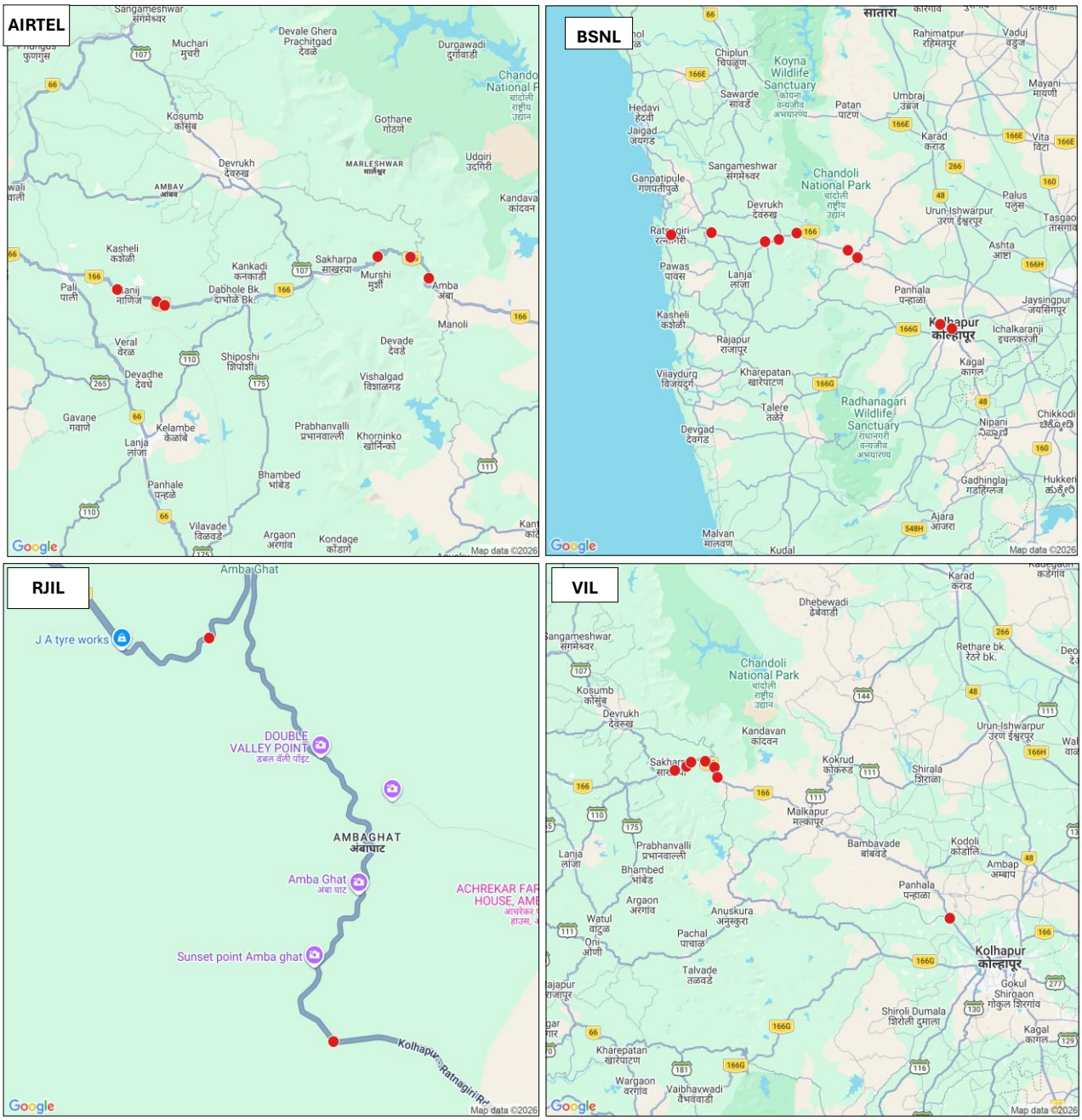




**Note:** Plot is based on Dynamic Drive Test results only.

**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 | 56 | 57 | 59 | 62 |
| Number of dropped Calls | 6 | 14 | 2 | 7 |

**Locations of Dropped Calls**

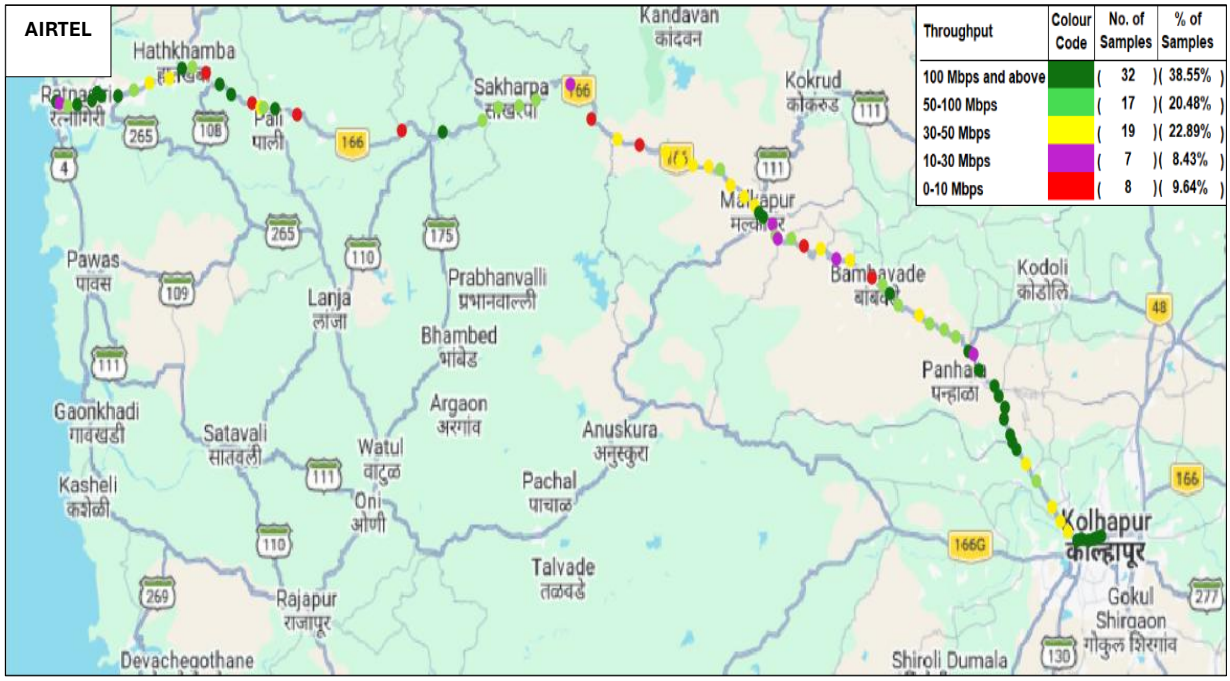



**Note:** Dropped calls locations are shown in red colour and which can be clicked to know the exact location (latitude and longitude) on the map.

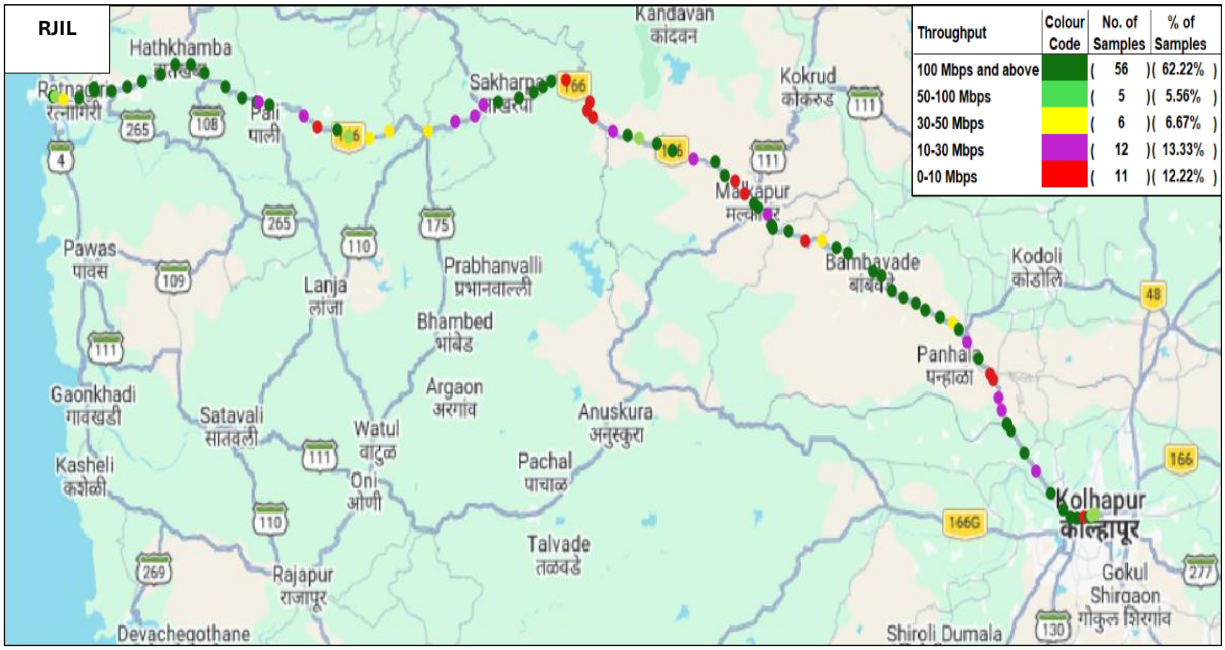
**c) Data Download and Upload throughput:** The TSP-wise details of **Average Download (DL)** and **Upload (UL) throughput** against declared typical DL/UL Throughput for month, in Auto-selection mode (5G/4G/3G/2G) are as below:

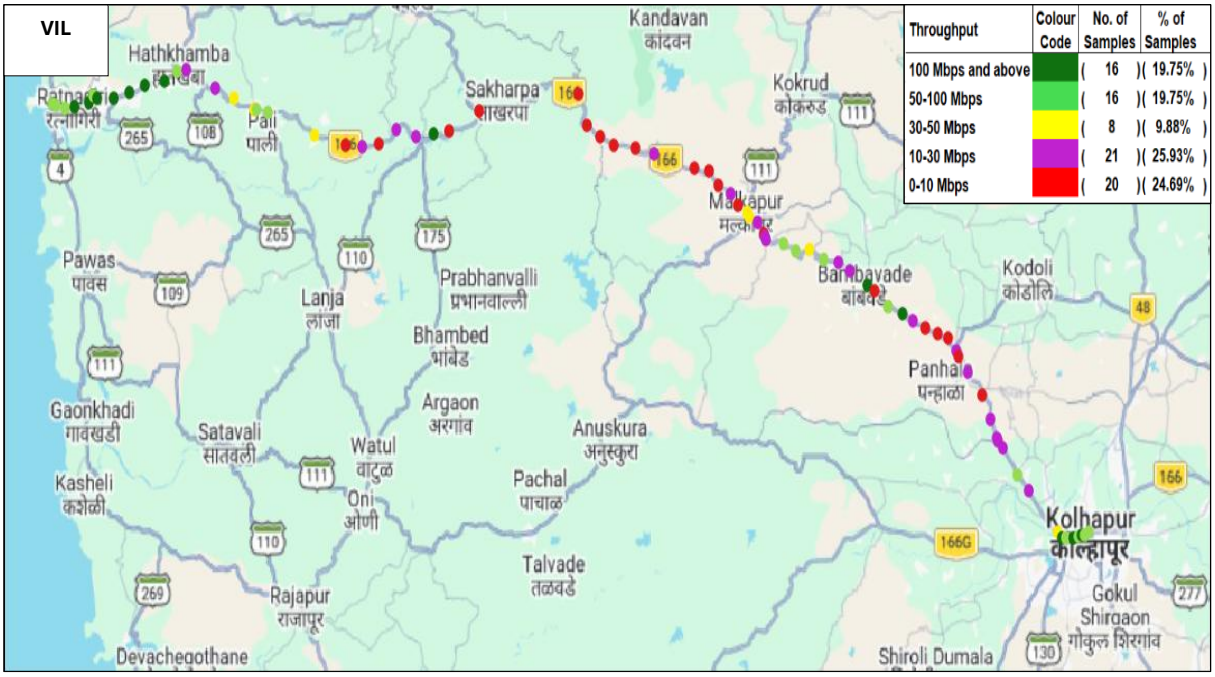
**(i) Download Throughput**

| 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 | 5.00 | 15.00 | 15.00 |
| Average Download Throughput measured during IDT | (Mbits/s) | 124.67 | 6.77 | 269.13 | 53.05 |





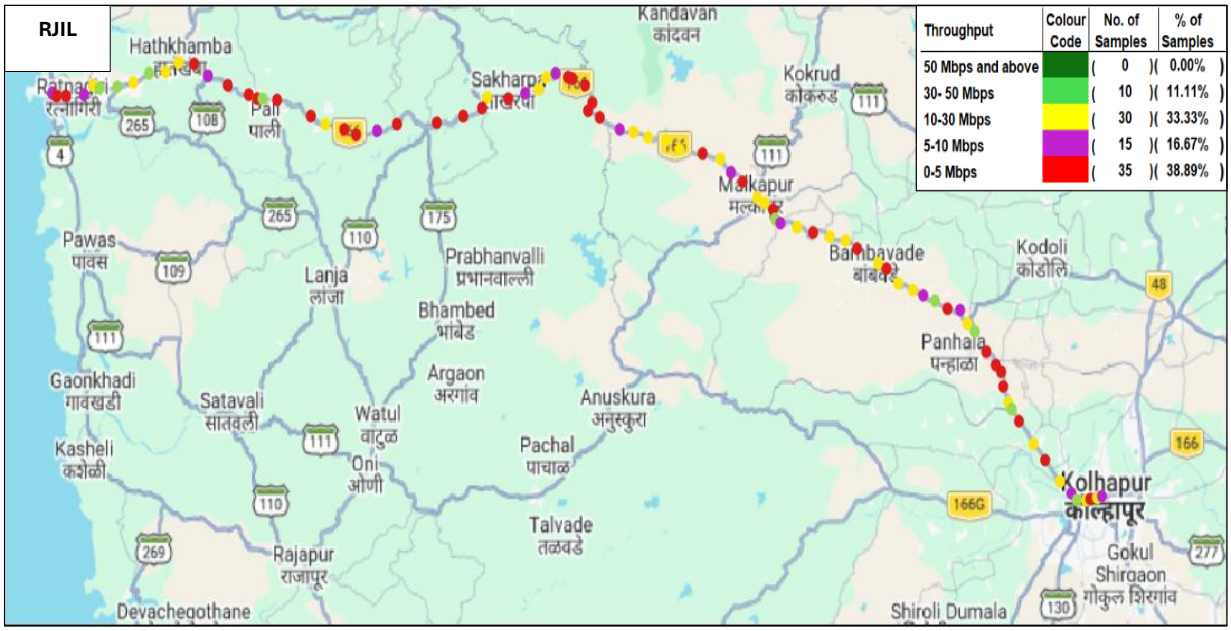

**Note:** Plot is based on Dynamic Drive Test results only.

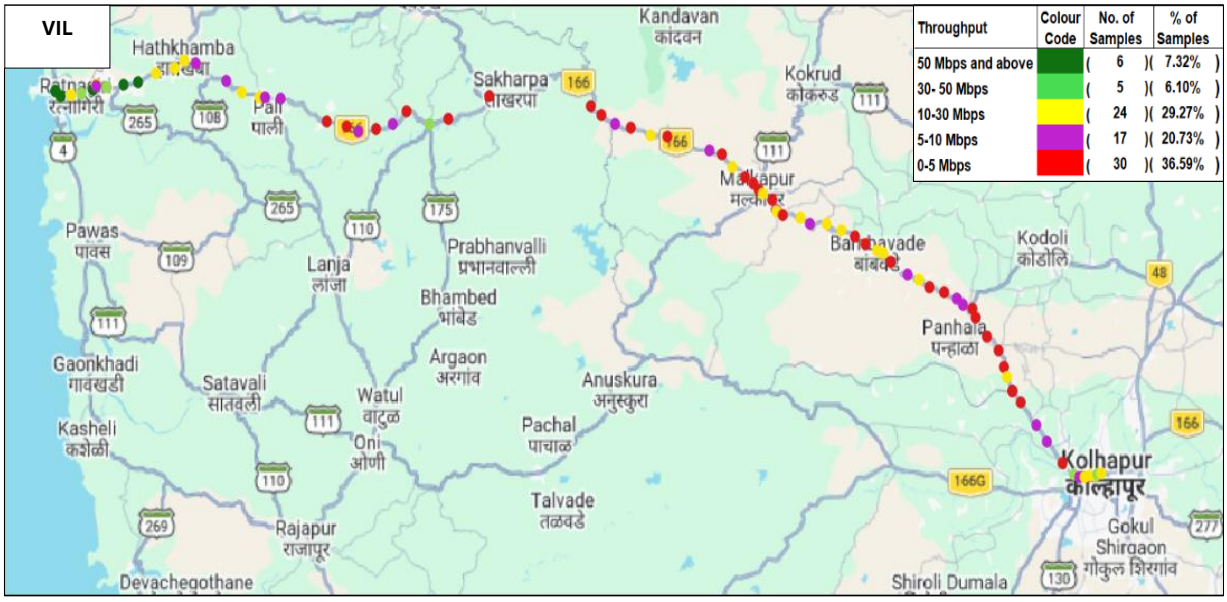
**(ii) Upload Throughput**

| 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 | 3.00 | 7.00 | 8.00 |
| Average Upload Throughput measured during IDT | (Mbits/s) | 19.77 | 6.57 | 12.27 | 14.17 |






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