



TELECOM REGULATORY AUTHORITY OF INDIA

Operator Assisted Drive Test Report

Dunagarpur City

(Rajasthan LSA)

May 2026

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1. Introduction

TRAI Act, 1997 mandates the Authority to ensure the services delivered through various telecommunications networks meet required quality standards prescribed, to protect the interest of the consumers of telecommunication services. TRAI is also responsible for conducting the periodical audit of such services provided by the service providers so as to protect the interest of the consumers of telecommunications service.

Accordingly, TRAI with help of TSPs teams undertake assessment of Quality of Service of mobile service through Operator Assisted Drive Test (OADT).

In OADT, the performance of all service providers providing service in a Licensed Service Area (LSA) through various technologies (like 2G/ 3G/ 4G/ 5G) for voice and data are measured by conducting drive test. The drive test routes are finalised based on various objective criteria like reported network performance, consumer complaints etc.

2. Executive Summary

2.1 Drive test details

This report covers the findings of the OADT undertaken in Rajasthan License Service Area (LSA) during the month of May 2026 under the supervision of TRAI Regional Office (RO), Jaipur. Details of route/area covered during the OADT is as given below.

<i>Sl. No</i>	<i>Drive test route</i>	<i>Type of route</i>	<i>Distance covered (KMs)/ Locations</i>	<i>From date</i>	<i>To date</i>	<i>Duration of drive test</i>
1	Dungarpur	City	25 Km	20-05-2026	20-05-2026	9AM TO 1PM 5PM TO 8PM
2	Dungarpur	Hotspot	05 Location	21-05-2026	21-05-2026	9AM TO 1PM 5PM TO 8PM

Table-1: Drive test summary

2.2 Drive test routes

a) Dungarpur City



Figure-1: Drive test routes- Dungarpur City

The map provides overview of drive test routes indicating city drive & hotspots shown on the map.

2.3 Summary of areas covered:

2.3.1 Dungarpur City:

Bus stand, Shastri Colony, Tahsil Chouraha, Badal Mahal Pal Road, Maharawal School, Old Hospital, Kansara Chowk, Soniya Chowk, Manak Chowk, Purani Sabji mandi, Patela, Mochiwara, Fatehgari bypass road, Navadera Road, Syntax Meal chouraha, Gurukul College, Sabela bypass, Railway Station, Hospital Road, Medical College, Rana Punja Circle, Tarun Sagar Chouraha, Mathugamda road, Shreenath School, Abkari Thana, Morden School, Shahid Smarak Park, Patidar hostel, Brahmashtali Colony, Post Office, Medicenter, Gandhi arsharam, Tahsil Chouraha, Collectorate office, Gandhi Ashram

2.3.2 Hotspot-

S.No	Name of Hotspot
1	Bus Stand
2	Collector Office
3	Medical College
4	Shahid Smarak Park
5	Tahasil Chauraha

Table-2: Drive test summary

2.4 Telecom service providers detected frequency bands

Technologies covered during the OADT and frequency bands in use are summarised in below table.

S.No.	Name of TSP	Technology	Frequency Bands (In MHz)
1	Bharti Airtel Ltd.	2G	1800
2	Bharti Airtel Ltd.	4G	900,1800,2100,2300
3	Bharti Airtel Ltd.	5G	3400
4	BSNL	2G	900
5	BSNL	3G	NA
6	BSNL	4G	700, 2100
7	Reliance JIO Infocomm Ltd.	4G	850,1800,2300
8	Reliance JIO Infocomm Ltd.	5G	700,3500
9	Vodafone Idea Ltd.	2G	900
10	Vodafone Idea Ltd.	4G	L800,L900,L2100,L2500

Table3: Telecom service provider (TSP) covered in OADT.

2.5 Use of TRAI MY Speed App:

The TRAI My Speed App is a mobile application also used during the Drive test to measure and monitor the quality of mobile broadband services experienced by users at random static/hotspot locations in Dungarpur City. It helps both consumers and TRAI assess the actual performance of telecom network of TSPs.

The actual results are summarized below and the screenshots of corresponding tests is attached at Annexure-I:

AIRTEL

Sr No	Location	QoS parameter recorded During Drive test						
		Coverage	DL Speed	UL Speed	Latency	Jitter	Packet Loss	Tech.
1	Dungarpur	-71	59.25	10.40	34.30		0.00	4G
2	Dungarpur	-66	54.7	17.88	69.50		0.00	4G
3	Dungarpur	-78	365	88.26	24.20		0.00	5G
4	Railway Colony	-100	181.9	14.46	44.00	2.45	0.00	5G
5	Dungarpur	-86	349.4	46.39	22.20		0.00	5G

BSNL

Sr No	Location	QoS parameter recorded During Drive test						
		Coverage	DL Speed	UL Speed	Latency	Jitter	Packet Loss	Tech.
1	Dungarpur	-90	11.3	7.54	60.00	8.11	0.00	4G
2	Shasri Colony	-73	6.75	4.06	65.00	8.27	0.00	4G
3	New Colony	-85	16.97	11.28	60.00	8.07	0.00	4G
4	Dungarpur	-84	14.08	12.05	68.00	7.76	0.00	4G
5	Dungarpur	-78	6.29	8.34	62.00	7.87	0.00	4G

RJIL

Sr No	Location	QoS parameter recorded During Drive test						
		Coverage	DL Speed	UL Speed	Latency	Jitter	Packet Loss	Tech.
1	Railway Colony	-91	24.99	18.80	40.00	4.73	1.00	5G

VIL

Sr No	Location	QoS parameter recorded During Drive test						
		Coverage	DL Speed	UL Speed	Latency	Jitter	Packet Loss	Tech.
1	Railway Colony	-106	28.65	4.91	46.00	4.54	0.00	4G

3. Detailed QoS performance analysis

Detailed QoS Performance Analysis

3.1 Overview

This section covers analysis on performance of various categories of drives like city, hotspots and walk test for all telecom service providers, the results of drive tests conducted are shown individually for respective areas/locations.

3.2 City

Drive test has been conducted on 20th May to 21st May 2026. (refer Table-1)

3.2.1 Drive test route



Figure- 2: Drive test routes. Dungarpur City

3.2.2 Areas covered

Dungarpur City:

Bus stand, Shastri Colony, Tahsil Chouraha, Badal Mahal Pal Road, Maharawal School, Old Hospital, Kansara Chowk, Soniya Chowk, Manak Chowk, Purani Sabji mandi, Patela, Mochiwara, Fatehgari bypass road, Navadera Road, Syntax Meal chouraha, Gurukul College, Sabela bypass, Railway Station, Hospital Road, Medical College, Rana Punja Circle, Tarun Sagar Chouraha, Mathugamda road, Shreenath School, Abkari Thana, Morden School, Shahid Smarak Park, Patidar hostel, Brahmashtali Colony, Post Office, Medicenter, Ghandhi arsharam, Tahsil Chouraha, Collectorate office, Ghandhi Ashram

3.2.3 Voice performance

(a) Voice Call Performance in 3G/2G network mode only: 3G/2G network mode testing has been done to reflect experience for respective users as they have only 3G/2G compatible handsets.

Parameters	Service Provider		
	3G/2G network mode only		
	AIRTEL	BSNL	VIL
Call Attempts	80	95	60
Call Setup Success Rate %	100.00	97.89	100.00
Drop Call Rate %	0.00	0.00	0.00
Call Setup Time-Average (Second)	1.89	4.59	2.91

Handover Success Rate %	100.00	100.00	96.96
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Table-4: Summary of voice call performance in 3G/2G network mode only.

(b) Technology wise Unique cell id's covered in voice test: This section represents technology wise Number of unique cell id's covered in Voice test.

Number of unique cell id's covered in Voice test- Technology wise			
Technology	Service Provider		
	3G/2G network mode only		
	AIRTEL	BSNL	VIL
3G	NA	33	NA
2G	43	24	27

Table-5: Technology wise number of network cell id's latched during drive test.

Note-

- RJIL does not have 3G/2G network.
- NA- Service provider doesn't provide services in respective technology.

(c) Voice Call Performance in auto network selection mode (5G/4G/3G/2G)

Parameters	Service Provider			
	Auto-selection mode (5G/4G/3G/2G)			
	AIRTEL	BSNL	RJIL	VIL
Call Attempts	83	61	79	48
Call Setup Success Rate %	100.00	95.08	100.00	100.00
Drop Call Rate %	0.00	0.00	0.00	0.00
Call Setup Time Average (Second)	0.91	1.86	0.64	0.95
Handover Success Rate %	100.00	100	99.65	100.00

Table-6: Summary of voice call performance in network auto-selection mode.

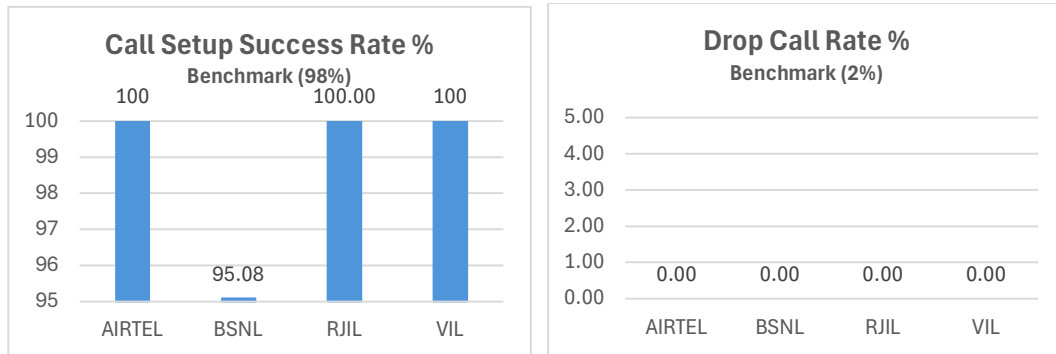


Figure-3: Performance for call setup success rate and Call drop rate.

Parameter	Service Provider			
	Mobile-to-Mobile (5G/4G - Open Mode)			
	AIRTEL	BSNL	RJIL	VIL
Call Established (within service provider Network)	83	NA	79	100
Call Silence Rate %	0.00	NA	0.00	0.00
Number of silence instances for >2 sec	0	NA	3	0
Packet drop Rate Downlink %	0.11	NA	1.98	0.00
Packet drop Rate Uplink %	0.12	NA	1.38	0.00

Table-7: Summary of silence instances & packet loss rate for mobile to mobile call.

*The Call silence rate not captured by BSNL due to unviability of Test Kit.

(d) Mean Opinion Score (MOS) performance for speech quality:

Mean opinion score indicate quality of speech observed during the drive test across different technologies. This parameter has been calculated for mobile to mobile calls made within same operator network in auto mode (5G/4G/3G/2G). As per ITU-T Recommendation P.863.1, MOS score values means: 5-Excellent, 4-Good, 3-Fair, 2-Poor, 1-Bad.

Speech Quality (MOS) distribution	Service Provider			
	AIRTEL	BSNL	RJIL	VIL
Total Number of MOS Samples for calls in table-6	520	NA	396	303
Speech Quality (Average MOS Score)	4.11	NA	4.26	4.13

Table-8: Summary of speech quality (MOS) samples.

*MOS Test not performed by BSNL due to unviability of Test Kit.

(e) Technology wise Unique cell id's covered in voice test: This section represents technology wise Number of unique cell id's covered in Voice test.

Number of unique cell id's covered in Voice test- Technology wise				
Technology	Service Provider			
	Auto-selection mode (5G/4G/3G/2G)			
	AIRTEL	BSNL	RJIL	VIL
5G	0	NA	29	NA
4G	85	32	32	27
3G	NA	3	NA	NA
2G	0	3	NA	0

Table-9: Technology wise number of network cell id's latched during drive test.

3.2.4 Data performance

(a) Data Parameters (Auto-selection mode- 5G/4G/3G/2G)

Parameters		Service Provider			
		Auto-selection mode (5G/4G/3G/2G)			
		AIRTEL	BSNL	RJIL	VIL
Download Throughput (Mbits/s)	Average	159.34	23.30	308.55	33.94
	80th Percentile	217.08	27.12	406.76	47.56
	20th Percentile	106.50	19.20	200.26	13.91
Upload Throughput (Mbits/s)	Average	36.07	12.13	53.56	13.52
	80th Percentile	48.92	14.15	76.06	23.38
	20th Percentile	21.24	4.18	26.69	5.62
Latency (ms)	50th Percentile	13.50	54.00	21.50	50.00

Table-10: Summary of Data performance in network auto-selection mode.

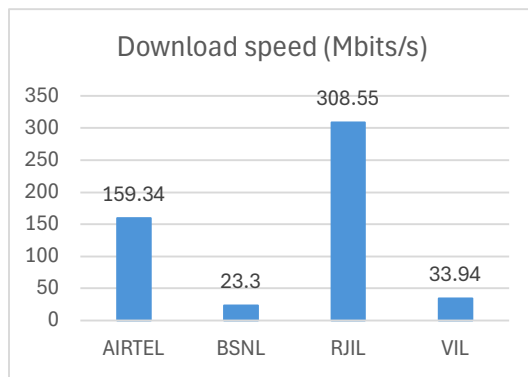


Figure- 4: Download throughput.

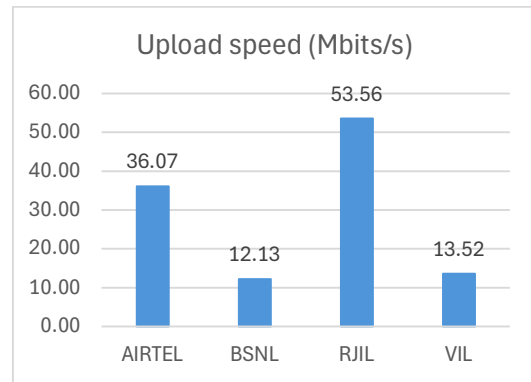


Figure- 5: Upload throughput

(b) Technology wise Unique cell id's covered in data test: This section represents technology wise Number of unique cell id's covered in Voice test.

Number of unique cell id's covered in Data test- Technology wise				
Technology	Service Provider			
	Auto-selection mode (5G/4G/3G/2G)			
	AIRTEL	BSNL	RJIL	VIL
5G	0	NA	39	NA
4G	85	33	2	27
3G	NA	0	NA	NA
2G	80	0	NA	0

Table-11: Technology wise number of network cell id's latched during drive test.

3.3 Hotspots

Hotspot testing has been done on 21st May 2026. Five locations were tested in the city.

3.3.1 Locations

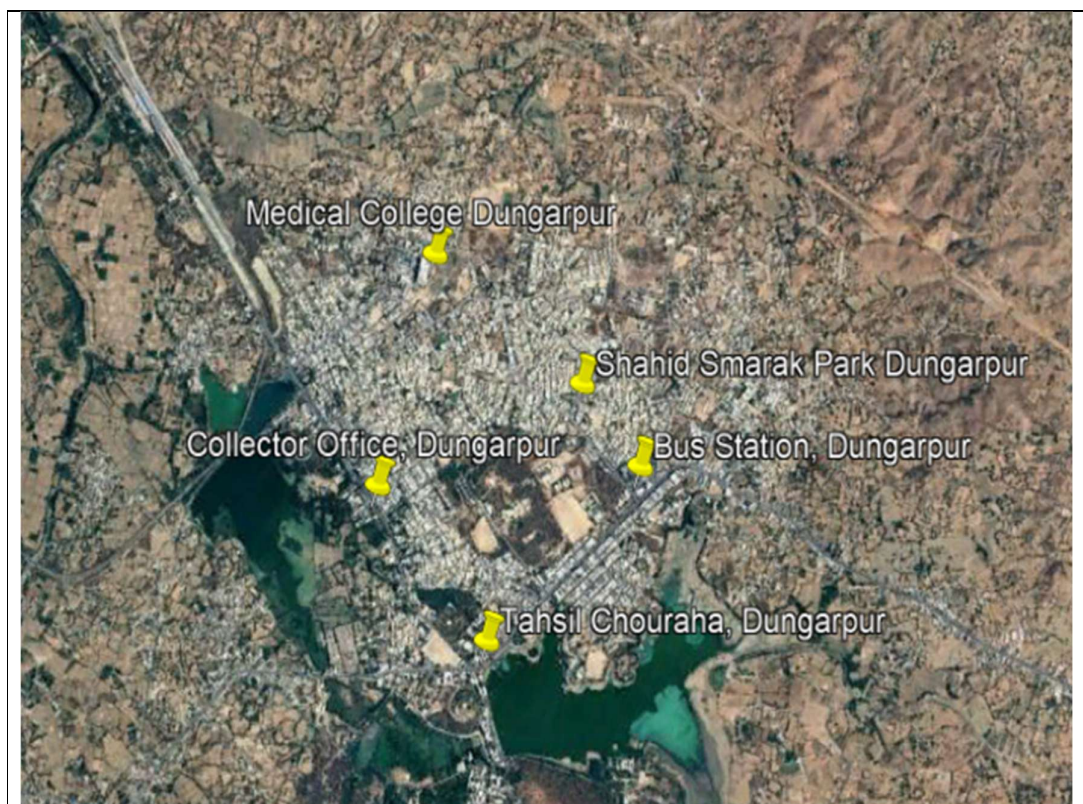


Figure-6: Hotspot locations Dungarpur

3.3.2 Hotspot covered

S.No	Name of Hotspot
1	Bus Stand
2	Collector Office
3	Medical College
4	Shahid Smarak Park
5	Tahasil Chauraha

3.3.3 Voice performance

Overall Voice Performance				
Parameters	Service Provider			
	Auto-selection mode (5G/4G/3G/2G)			
	AIRTEL	BSNL	RJIL	VIL
Call Attempt	50	50	50	50

Call Setup Success Rate %	100.00	100.00	100.00	100.00
Drop Call Rate %	0.00	0.00	0.00	0.00
Call Setup Time-Average (Sec)	1.87	1.68	0.64	0.97

Table-12: Overall summary of voice call performance in network auto-selection mode (5G/4G/3G/2G).

Bus Stand				
Parameters	Service Provider			
	Auto-selection mode (5G/4G/3G/2G)			
	AIRTEL	BSNL	RJIL	VIL
Call Attempt	10	10	10	10
Call Setup Success Rate %	100.00	100.00	100.00	100.00
Drop Call Rate %	0.00	0.00	0.00	0.00
Call Setup Time-Average (Sec)	1.82	1.46	0.70	1.01

Table-13: Summary of voice call performance in network auto-selection mode 5G/4G/3G/2G).

Collector Office				
Parameters	Service Provider			
	Auto-selection mode (5G/4G/3G/2G)			
	AIRTEL	BSNL	RJIL	VIL
Call Attempt	10	10	10	10
Call Setup Success Rate %	100.00	100.00	100.00	100.00
Drop Call Rate %	0.00	0.00	0.00	0.00
Call Setup Time-Average (Sec)	1.74	1.56	0.60	1.02

Table-14: Summary of voice call performance in network auto-selection mode 5G/4G/3G/2G).

Medical College				
Parameters	Service Provider			
	Auto-selection mode (5G/4G/3G/2G)			
	AIRTEL	BSNL	RJIL	VIL
Call Attempt	10	10	10	10
Call Setup Success Rate %	100.00	100.00	100.00	100.00
Drop Call Rate %	0.00	0.00	0.00	0.00
Call Setup Time-Average (Sec)	1.75	1.45	0.71	0.91

Table-15: Summary of voice call performance in network auto-selection mode 5G/4G/3G/2G).

Shahid Smarak Park				
Parameters	Service Provider			
	Auto-selection mode (5G/4G/3G/2G)			
	AIRTEL	BSNL	RJIL	VIL
Call Attempt	10	10	10	10
Call Setup Success Rate %	100.00	100.00	100.00	100.00
Drop Call Rate %	0.00	0.00	0.00	0.00
Call Setup Time-Average (Sec)	1.80	2.24	0.65	0.94

Table-16: Summary of voice call performance in network auto-selection mode 5G/4G/3G/2G).

Tahasil Chauraha				
Parameters	Service Provider			
	Auto-selection mode (5G/4G/3G/2G)			
	AIRTEL	BSNL	RJIL	VIL
Call Attempt	10	10	10	10
Call Setup Success Rate %	100.00	100.00	100.00	100.00
Drop Call Rate %	0.00	0.00	0.00	0.00

Call Setup Time-Average (Sec)	2.26	1.73	0.58	0.99
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Table-17: Summary of voice call performance in network auto-selection mode 5G/4G/3G/2G).

3.3.4 Data performance (Auto-selection mode 5G/4G/3G/2G)

Overall Data Performance				
Parameters	Service Provider			
	Auto-selection mode (5G/4G/3G/2G)			
	AIRTEL	BSNL	RJIL	VIL
Download Throughput Average (Mbits/s)	171.92	19.23	521.25	36.89
Download Session Setup Success Rate %	100.00	100.00	100.00	100.00
Upload Throughput Average (Mbits/s)	40.25	11.47	139.31	22.71
Upload Session Setup Success Rate %	100.00	100.00	100.00	100.00
Web Browsing Delay (Second)	2.38	4.91	2.52	1.95
Latency (ms)-50th Percentile	15.50	45.00	14.30	49.40
Jitter (ms)	2.10	0.68	5.78	4.50
Packet Loss Rate%	0.00	1.10	0.14	0.00

Table-18: Overall Summary of Data performance in network auto-selection mode (5G/4G/3G/2G).

Bus Stand				
Parameters	Service Provider			
	Auto-selection mode (5G/4G/3G/2G)			
	AIRTEL	BSNL	RJIL	VIL
Download Throughput Average (Mbits/s)	198.19	16.63	449.08	22.98
Download Session Setup Success Rate %	100.00	100.00	100.00	100.00
Upload Throughput Average (Mbits/s)	39.27	11.70	133.32	13.47
Upload Session Setup Success Rate %	100.00	100.00	100.00	100.00
Web Browsing Delay (Second)	2.38	5.18	2.39	2.10
Latency (ms)-50th Percentile	15.00	53.00	13.50	51.50
Jitter (ms)	1.58	0.82	6.17	4.65
Packet Loss Rate%	0.00	5.49	0.30	0.00

Table-19: Summary of Data performance in network auto-selection mode (5G/4G/3G/2G)

Collector Office				
Parameters	Service Provider			
	Auto-selection mode (5G/4G/3G/2G)			
	AIRTEL	BSNL	RJIL	VIL
Download Throughput Average (Mbits/s)	183.33	23.93	530.23	29.25
Download Session Setup Success Rate %	100.00	100.00	100.00	100.00
Upload Throughput Average (Mbits/s)	47.00	6.15	123.05	28.83
Upload Session Setup Success Rate %	100.00	100.00	100.00	100.00
Web Browsing Delay (Second)	2.40	4.45	2.24	1.79
Latency (ms)-50th Percentile	16.50	57.00	14.00	49.00
Jitter (ms)	1.80	0.76	5.25	4.91
Packet Loss Rate%	0.00	5.01	0.10	0.00

Table-20: Summary of Data performance in network auto-selection mode (5G/4G/3G/2G).

Medical College				
Parameters	Service Provider			
	Auto-selection mode (5G/4G/3G/2G)			
	AIRTEL	BSNL	RJIL	VIL
Download Throughput Average (Mbits/s)	254.18	21.96	526.91	29.98

Download Session Setup Success Rate %	100.00	100.00	100.00	100.00
Upload Throughput Average (Mbits/s)	28.66	19.61	153.81	21.96
Upload Session Setup Success Rate %	100.00	100.00	100.00	100.00
Web Browsing Delay (Second)	2.90	5.55	2.75	1.73
Latency (ms)-50th Percentile	13.50	49.00	13.50	49.00
Jitter (ms)	1.54	0.66	5.60	4.67
Packet Loss Rate%	0.00	5.32	0.20	0.00

Table-21: Summary of Data performance in network auto-selection mode (5G/4G/3G/2G).

Shahid Smarak Park				
Parameters	Service Provider			
	Auto-selection mode (5G/4G/3G/2G)			
	AIRTEL	BSNL	RJIL	VIL
Download Throughput Average (Mbits/s)	120.10	20.10	526.33	41.95
Download Session Setup Success Rate %	100.00	100.00	100.00	100.00
Upload Throughput Average (Mbits/s)	34.23	9.24	146.36	21.50
Upload Session Setup Success Rate %	100.00	100.00	100.00	100.00
Web Browsing Delay (Second)	2.18	3.80	2.11	2.13
Latency (ms)-50th Percentile	16.50	56.00	16.50	49.00
Jitter (ms)	2.52	0.55	6.45	3.97
Packet Loss Rate%	0.00	5.61	0.10	0.00

Table-22: Summary of Data performance in network auto-selection mode (5G/4G/3G/2G).

Tahasil Chauraha				
Parameters	Service Provider			
	Auto-selection mode (5G/4G/3G/2G)			
	AIRTEL	BSNL	RJIL	VIL
Download Throughput Average (Mbits/s)	175.63	13.52	573.71	60.27
Download Session Setup Success Rate %	100.00	100.00	100.00	100.00
Upload Throughput Average (Mbits/s)	50.94	10.67	139.91	27.78
Upload Session Setup Success Rate %	100.00	100.00	100.00	100.00
Web Browsing Delay (Second)	2.04	5.59	3.11	2.01
Latency (ms)-50th Percentile	16.00	59.00	14.00	48.50
Jitter (ms)	2.01	0.62	5.41	4.29
Packet Loss Rate%	0.00	5.70	0.00	0.00

Table-23: Summary of Data performance in network auto-selection mode (5G/4G/3G/2G).

4. TSP wise signal strength(Dahod):

Technology	Parameter	Range	Color
2G	Rx Level	≥ -85 dBm	
		<-85 dBm	
		≥ -90 dBm	

3G	RSCP	< -90 dBm	
4G	RSRP	≥ -110 dBm	
		< -110 dBm	
5G	RSRP	≥ -110 dBm	
		< -110 dBm	

Table:25: Signal strength legend format

4.1 AIRTEL

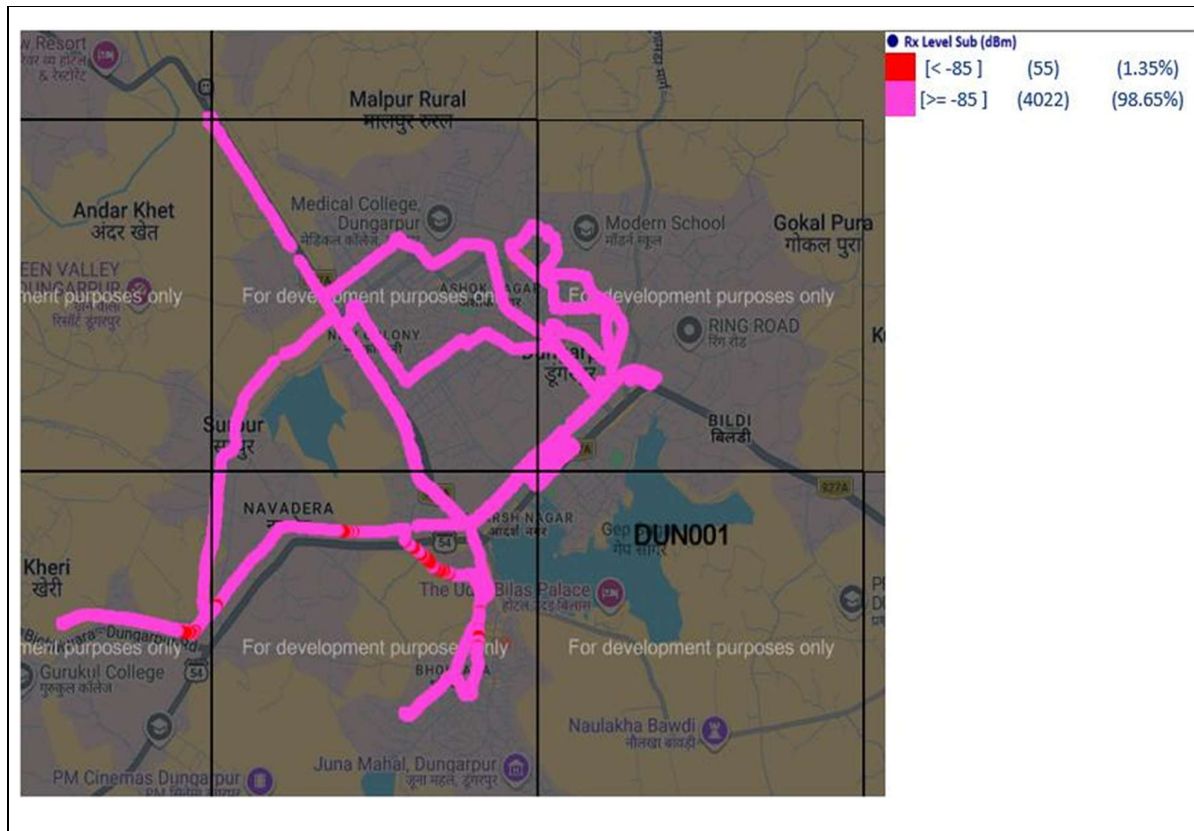


Figure-7: Signal strength network-selection mode 2G/3G – AIRTEL

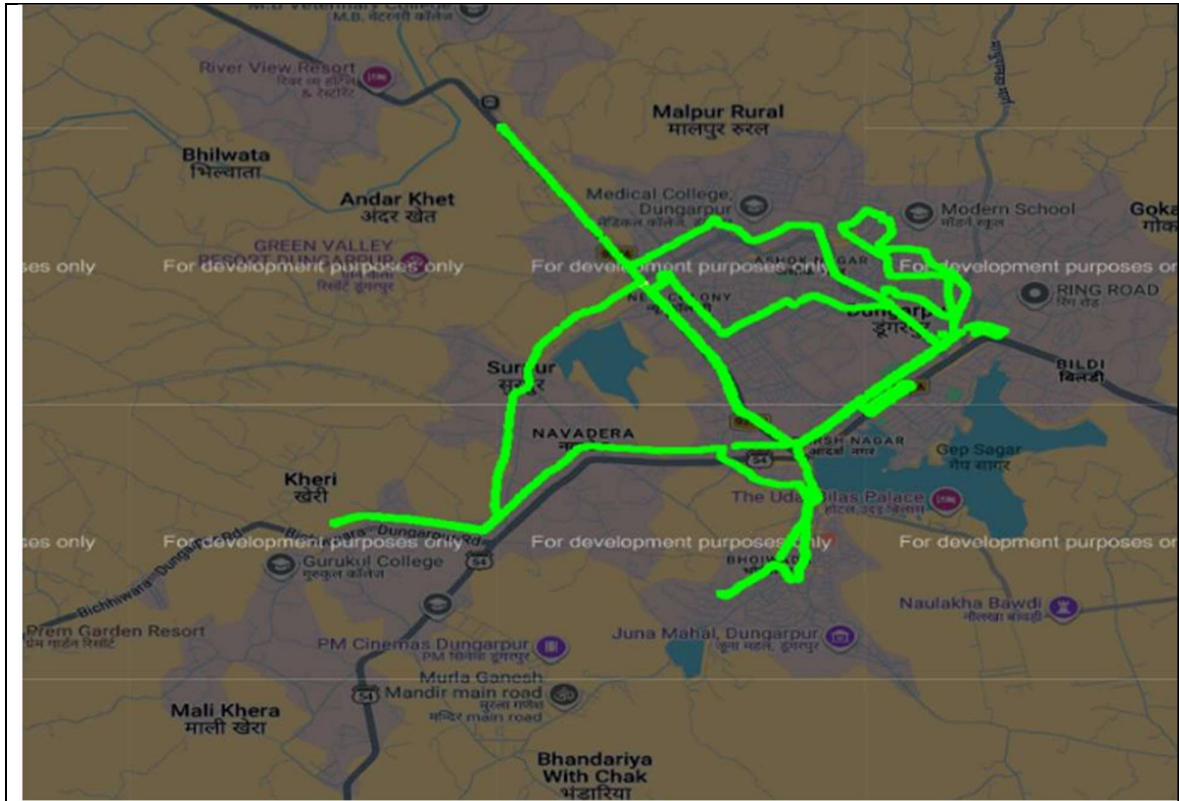


Figure-8: Signal strength auto-selection mode 5G/4G/3G/2G – AIRTEL

4.2 BSNL

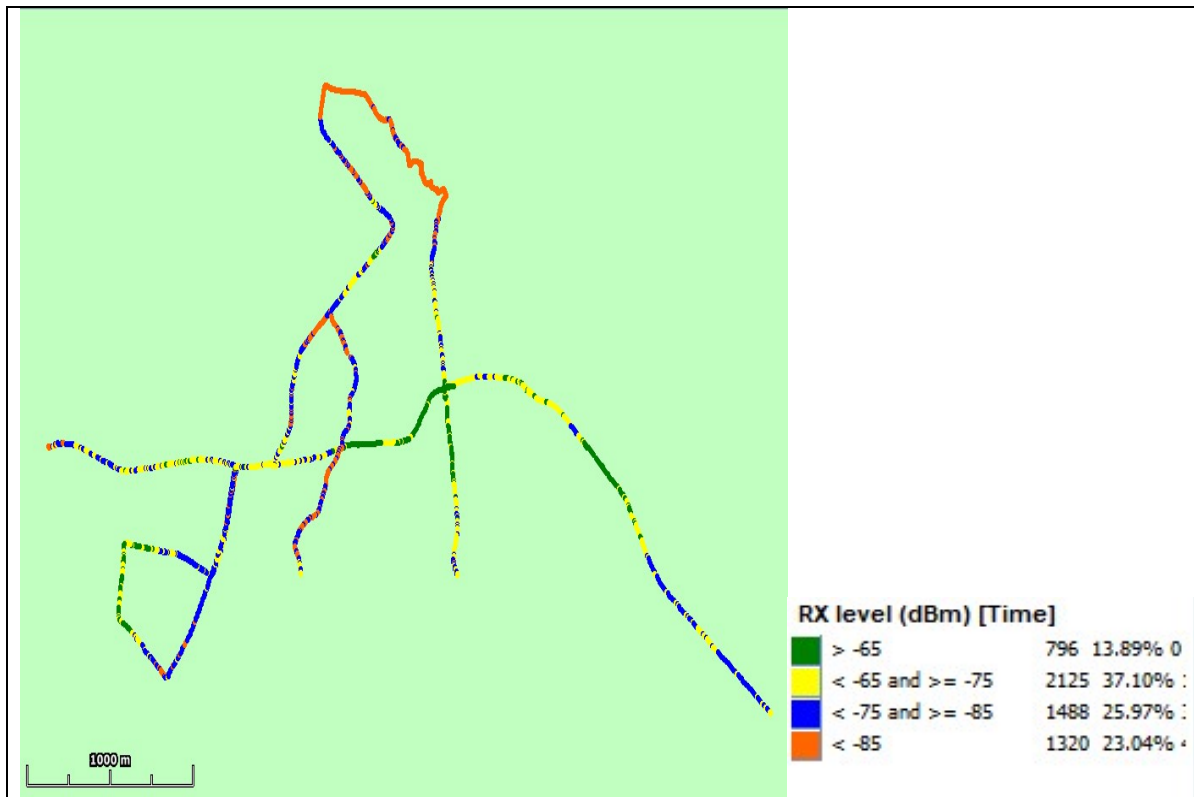


Figure-9: Signal strength network-selection mode 2G/3G – BSNL

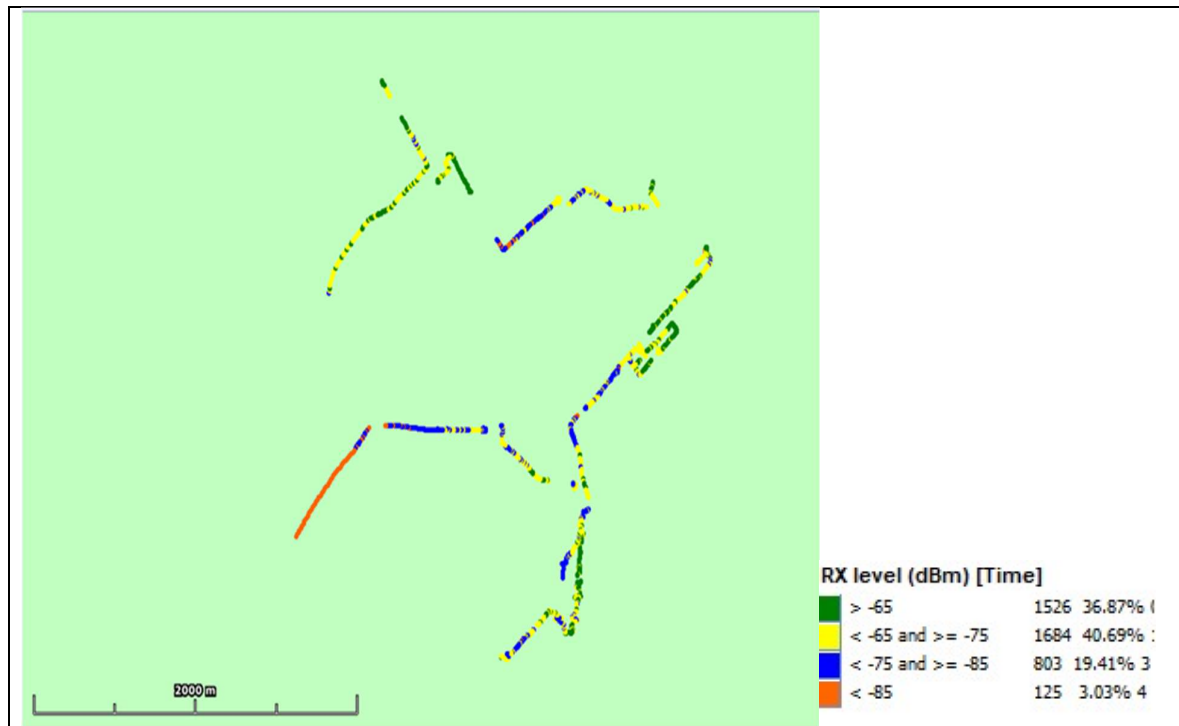


Figure-10: Signal strength auto-selection mode 5G/4G/3G/2G - BSNL

4.3 RJIL

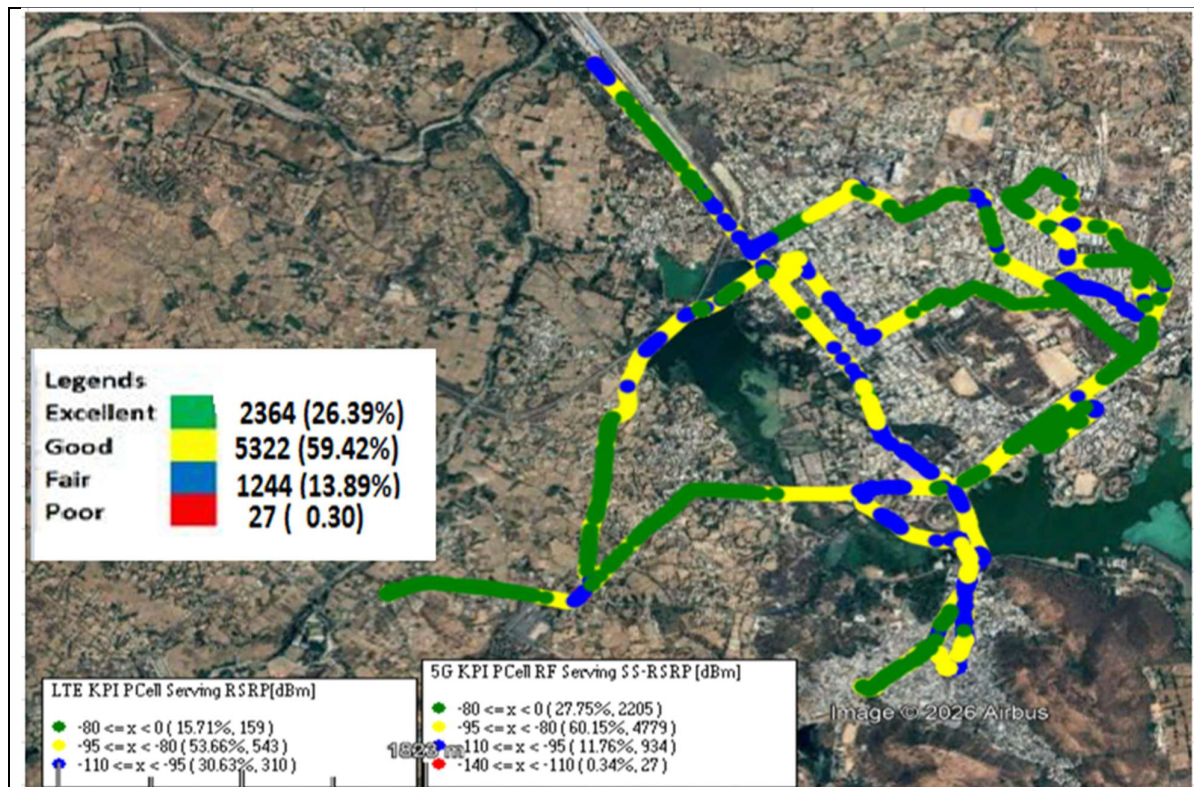


Figure-11: Signal strength auto-selection mode 5G/4G/3G/2G-

4.4 VIL

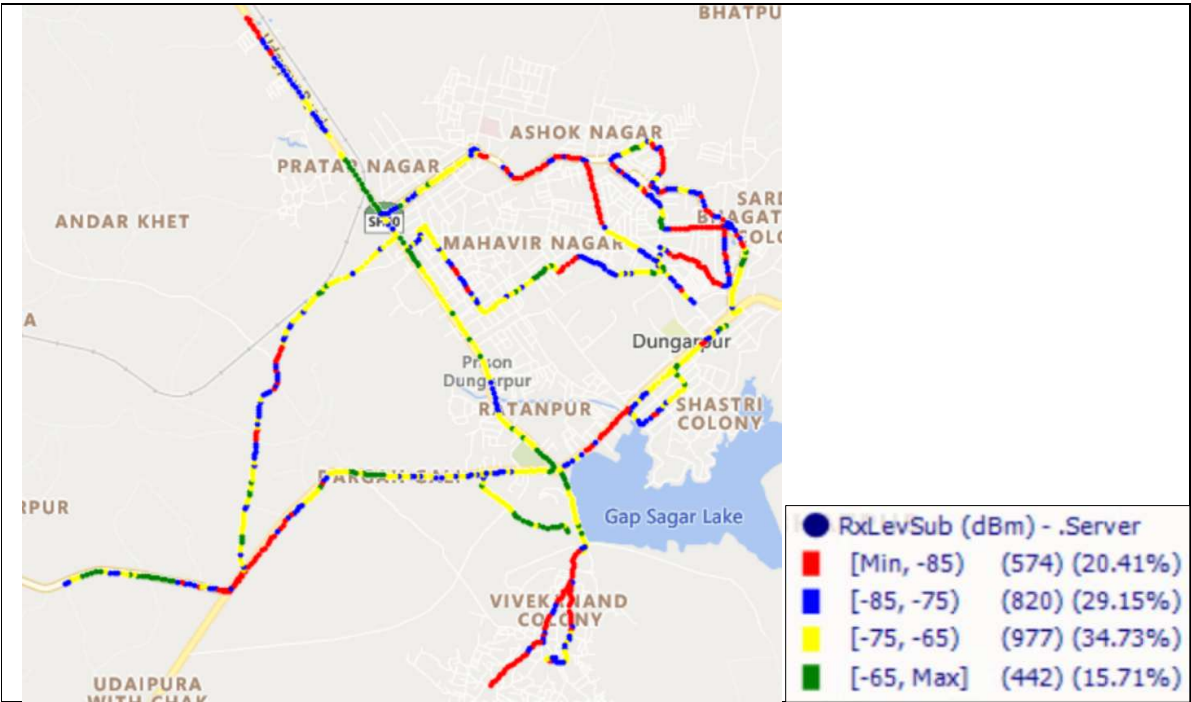


Figure-12: Signal strength network-selection mode 2G/3G – VIL

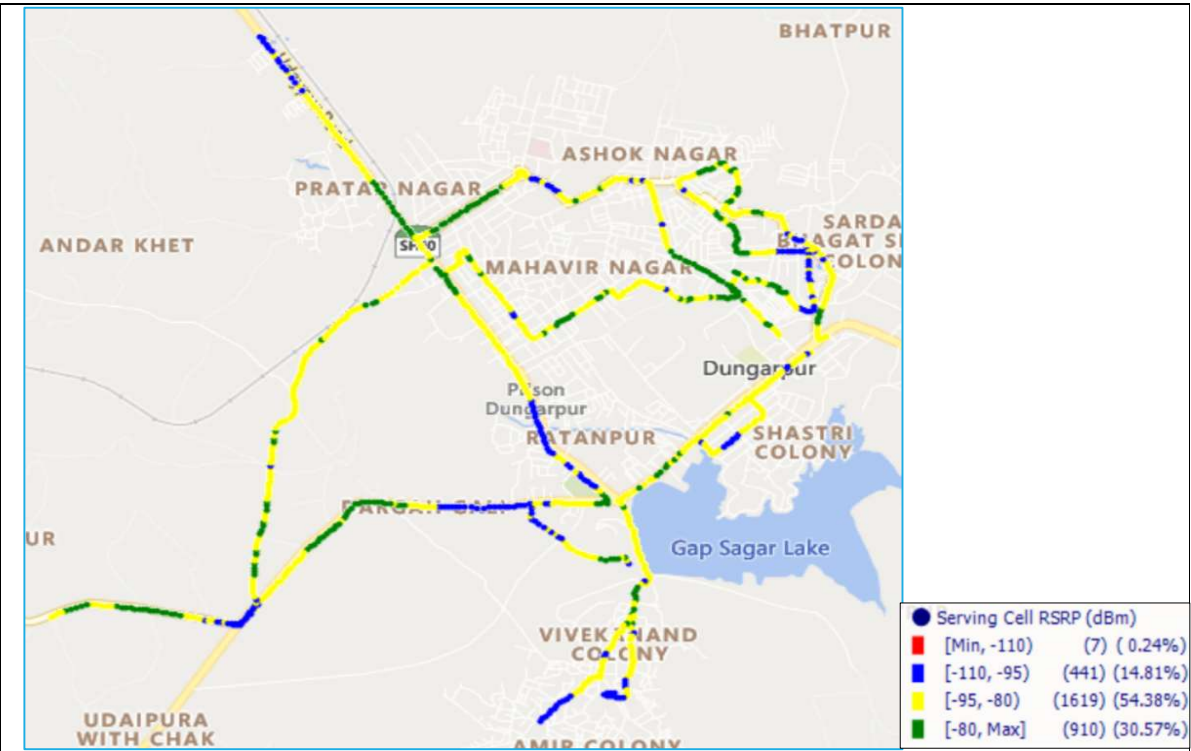


Figure-13: Signal strength auto-selection mode 5G/4G/3G/2G – VI

5. Conclusion:

The operator wise comparative Analysis of various key parameters (5G/4G/3G/2G Open Mode) is given in table below for Dungarpur City

Parameters	Service Provider			
	Auto-selection mode (5G/4G/3G/2G)			
	AIRTEL	BSNL	RJIL	VIL
Call Setup Success Rate %	100.00	95.08	100.00	100.00
Drop Call Rate %	0.00	0.00	0.00	0.00
Call Setup Time Average (Second)	0.91	1.86	0.64	0.95
Silence Call Rate %	0.00	NA	0.00	0.00
Average MOS score	4.11	NA	4.26	4.13
Packet Drop Rate (Downlink) %	0.11	NA	1.98	0.00
Packet Drop Rate (Uplink)%	0.12	NA	1.38	0.00
Download Throughput (Declared)	18.00	8.00	15.00	15.00
Download Throughput (Average)	159.34	23.30	308.55	33.94
Upload Throughput (Declared)	8.00	3.00	7.00	8.00
Upload Throughput (Average)	36.07	12.13	53.56	13.52
Latency in ms (50 th percentile)	13.50	54.00	21.50	50.00

Table:26: Operator wise comparative analysis of QoS parameters

***MOS Test not performed by BSNL due to unviability Test Kit.**

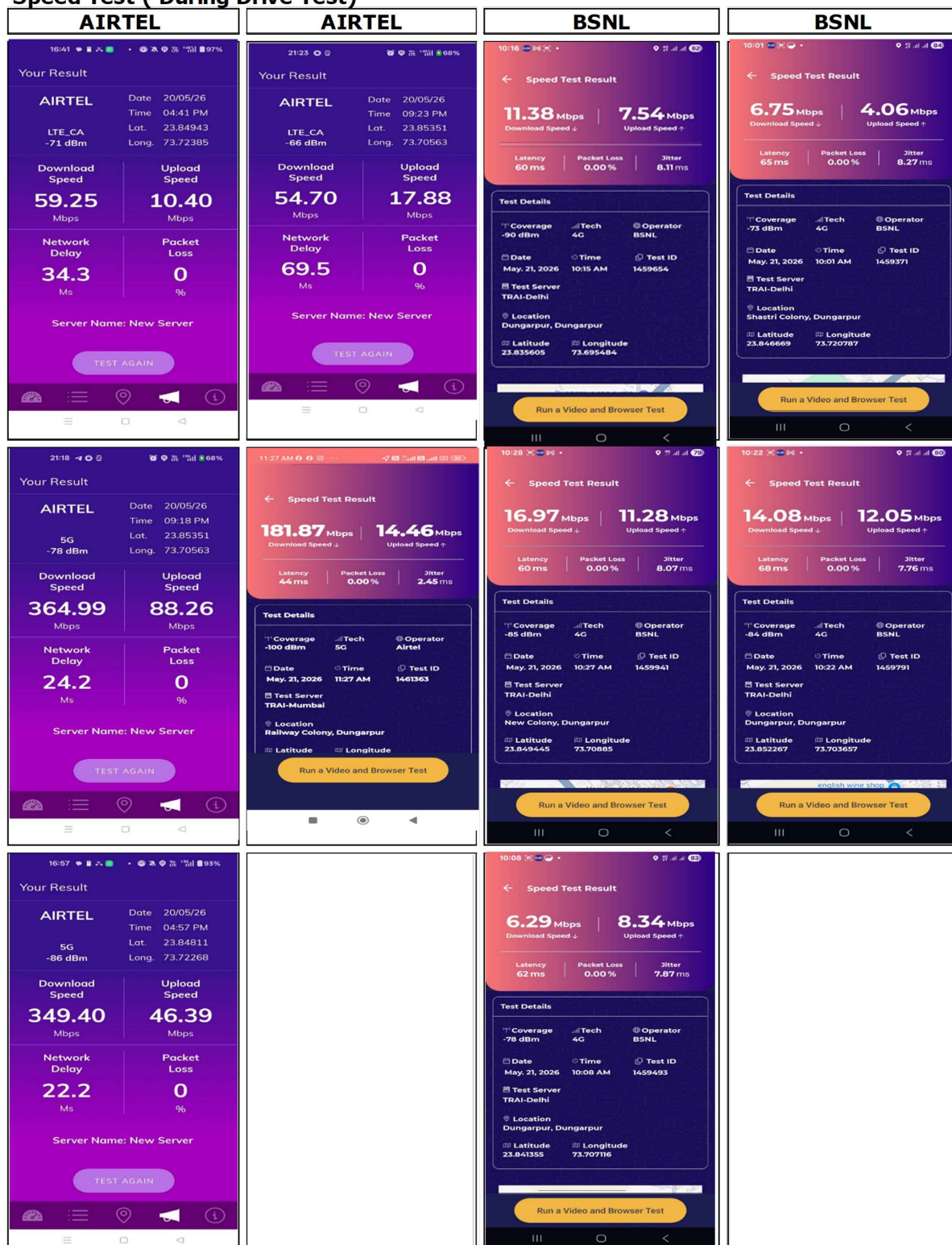
TSPs response:

1. Call setup success rate (CSSR) as 95.08 % (benchmark >=98%), (Table-6 Page-7) & Latency 54.00 ms (benchmark: <= 50 ms) (Table-10 Page-9)

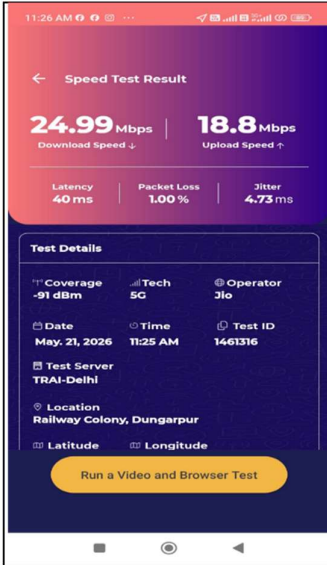
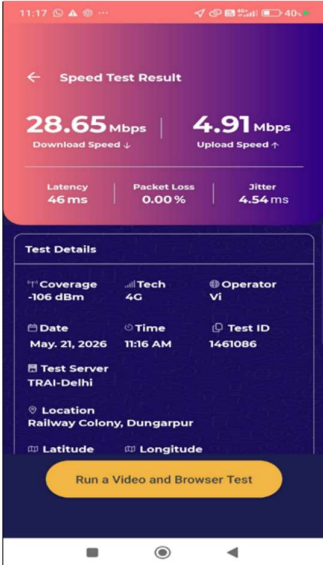
BSNL Response: Optimisation of existing 11 sites to be done for improvement in KPI and it will be done by 30.09.2026 (or whenever drive test tool kit available and currently hiring of drive test tool through tender is in progress in Rajasthan Circle).

TRAI My Speed App:

Speed Test (During Drive Test)



Speed Test (During Drive Test)

RJIL	VIL
 Speed Test Result 24.99 Mbps 18.8 Mbps Download Speed ↓ Upload Speed ↑ Latency 40 ms Packet Loss 1.00 % Jitter 4.73 ms Test Details Coverage -91 dBm Tech 5G Operator Jio Date May, 21, 2026 Time 11:25 AM Test ID 1461316 Test Server TRAI-Delhi Location Railway Colony, Dungarpur Latitude Longitude Run a Video and Browser Test	 Speed Test Result 28.65 Mbps 4.91 Mbps Download Speed ↓ Upload Speed ↑ Latency 46 ms Packet Loss 0.00 % Jitter 4.54 ms Test Details Coverage -106 dBm Tech 4G Operator Vi Date May, 21, 2026 Time 11:16 AM Test ID 1461086 Test Server TRAI-Delhi Location Railway Colony, Dungarpur Latitude Longitude Run a Video and Browser Test

Observations on my speed measurement: -

1. Airtel

- The download speed recorded was between 54.70 Mbps and 364.99 Mbps randomly during drive test having higher values as compared to declared speed for Rajasthan LSA as 18 Mbps.
- Upload speeds varied between 10.40 Mbps and 88.26 Mbps randomly during drive test having higher values as compared to declared speed for Rajasthan LSA as 8 Mbps
- Packet loss was 0% in all Airtel measurements.
- Latency recorded between 22.20 ms and 69.50 ms
- Coverage strength ranged from -71 dBm to -100 dBm.

2. BSNL

- The download speed recorded was between 6.29 Mbps and 16.97 Mbps at hotspot locations having lesser values at two location compared to declared speed for Rajasthan LSA as 8.00 Mbps.
- Upload speeds varied between 4.06 Mbps and 12.05 Mbps. at hotspot locations having higher values as compared to declared speed for Rajasthan LSA as 3.00 Mbps.
- Packet loss was 0% in all BSNL measurements.
- Latency at all hotspot test recorded between 62 ms and 68 ms and jitter between 7.87 ms and 8.27 ms.
- Coverage strength ranged from -71 dBm to -100 dBm.

3. Reliance Jio (RJIL):

- RJIL has conducted only one speed test.

4. Vodafone Idea (VIL)

- VIL has conducted only one speed test.