

OADT Report of Delhi LSA

(West Delhi)

April 2026

OADT Summary

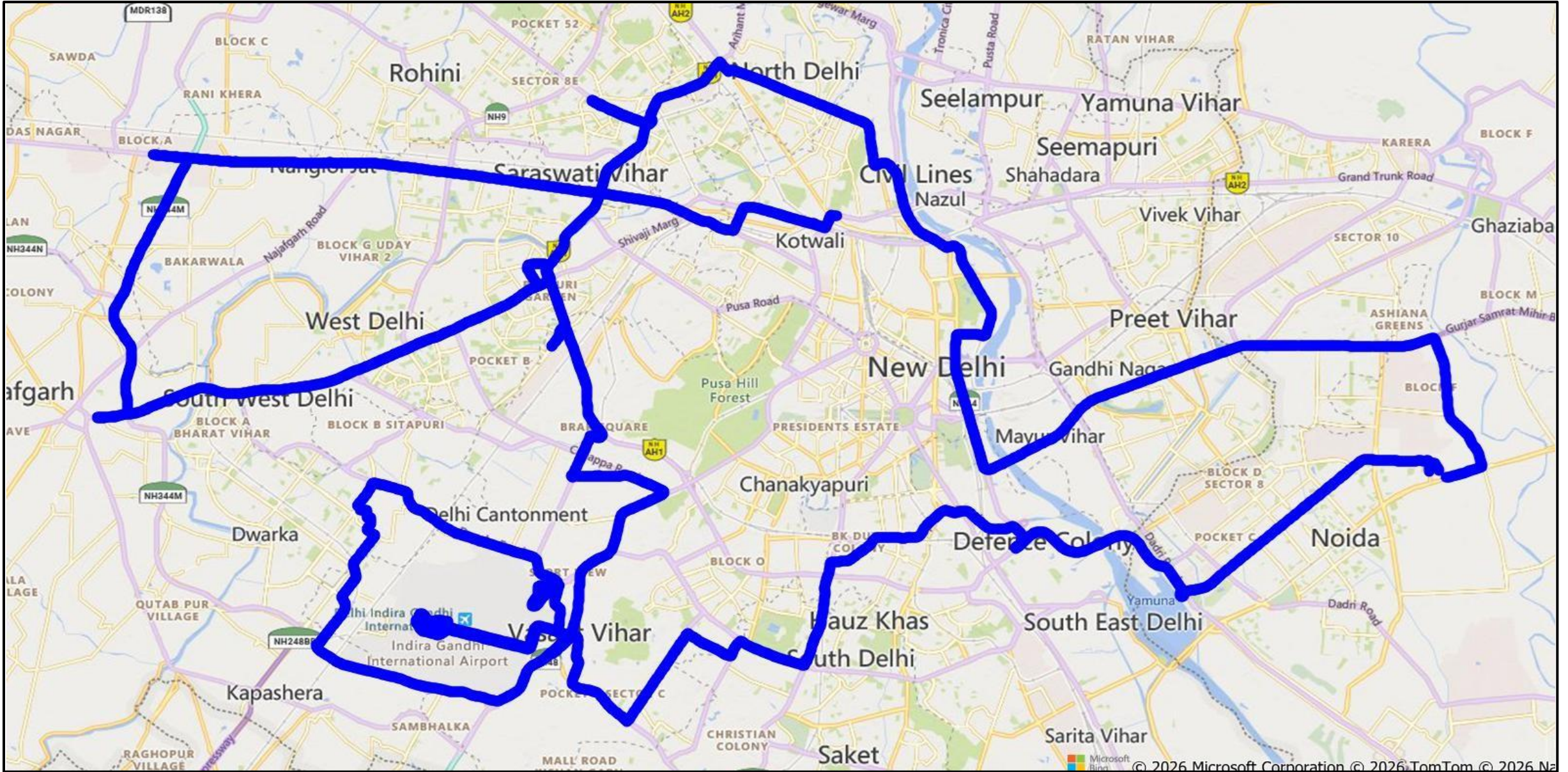
S No.	LSA	Date	Location	Km
1.	Delhi	08-04-2026 to 10-04-2026	West Delhi	202

FINDINGS OF DELHI LSA

Voice and Dynamic/Static Data Test Route

S.No	Date	Location/Area	Static Hotspot Locations
1	08-04-2026 to 09-04-2026	Noida Sec 121-DND- Ashram- Lajpat Nagar - AIIMS-Munirka- Vasant Kunj -Airport T-1,2,3- Dwarka Sec 21 - Naraina-Mayapuri-Rajouri Garden Noida Sec 121-NH24-- Akshardham - ITO--ISBT Kashmiri Gate-Model Town- Azadpur -Outer Ring Road-Wazirpur- Pitampura - Kohat Enclave -Tagore Garden - Janakpuri-Uttam Nahar -Dwarka mor - Nazafgarh - Nangloi - Peera Garhi-Paschim Vihar-Punjabi Bagh-Pratap Nagar nearby areas	NA
3	10-04-2026	HOTSPOT	Rajouri Garden Metro station, Kirti Nagar Furniture Market, ESI Basai Darapur Hospital, Iscon Temple Punjabi Bagh, Doon Public School,

Drive Test Route Map



Key observations from Drive Test (Voice)

TSP	Network tested
Airtel	2G,4G & 5G
BSNL	2G,3G & 4G
RJIO	4G & 5G
VIL	2G & 4G

Calls were made for the **180-sec** duration on the highway route and **90-sec** duration on the city route, with a wait time of **15 sec** between calls in all technologies

KPI	Benchmark	Observations
Drop call rate %	≤2%	All TSPs achieved the benchmark except MTNL.
CSSR %	≥98 %	All TSPs achieved the benchmark except MTNL.

Speech Quality (Average MOS)	AIRTEL	MTNL	RJIL	VIL
	4.02	NA	4.03	4.07

Summary – Voice City Dynamic in 3G/2G (Locked Mode)

Voice Call	AIRTEL 2G	MTNL 3G/2G	VIL 2G
Call Attempt	302	344	289
Call Established	301	316	287
CSSR% (Accessibility)	100.00%	91.86%	99.30%
Drop Call Rate (%)	0.00%	6.012%	0.69%
Handover Success Rate (%)	95.86%	100%	95.89%

Summary – Voice City Dynamic in 5G/4G/3G/2G (Auto Mode)

Voice Call	VIL	MTNL	AIRTEL	RJIL
Call Attempt	300	344	294	300
Call Established	299	316	294	300
CSSR% (Accessibility)	100	91.86	100	100
Drop Call Rate (%)	0	6.012	0.68	0
Handover Success Rate (%)	99.90	100	98.89	99.93
Silence Call Rate %	0	NA	4.18	0
Speech Quality (Average MOS)	4.02	NA	4.03	4.07

Summary-Data Service Performance Dynamic in (5G/ 4G/ 3G/ 2G - Auto mode)

Data Service	AIRTEL	MTNL	RJIL	VIL
Average Download speed (Mbps)	193.21 (7.84)	3.206 (3)	154 (15)	108.39 (15)
Average Upload speed (Mbps)	26.56 (5.22)	1.117 (3)	28.08 (7)	26.27 (8)
Latency 50th percentile (ms)	20.5	28.53	13	21.22
Average Jitter (ms)	30.77	39.34	15	0.92
Packet Drop Rate (%)	1.73	9.71	0	0.20
Web browsing delay (sec)	NA	4.23	2.1	0.93
Video Streaming performance for video (sec)	NA	4.17	2.3	0.95

Summary-Voice Service Performance (5G/ 4G/ 3G/ 2G - Auto mode) – Over all (Static-Hotspot)

Voice Call	AIRTEL	MTNL	RJIL	VIL
Call Attempt	50	50	50	60
Call Established	50	50	50	60
CSSR% (Accessibility)	100	100	100	100
No. of Drop Call	0	0	0	0
Drop Call Rate (%)	0	0	0	0
Call Setup Time Average (Sec.)	0.65	3.25	1.28	0.51

Summary-Data Service Performance (5G/ 4G/ 3G/ 2G - Auto mode) – Over all (Static-Hotspot)

Data Service	AIRTEL	MTNL	RJIL	VIL
Average Download speed (Mbps)	219.21 (7.84)	5.063 (3)	292.16 (15)	213.98 (15)
Average Upload speed (Mbps)	46.88 (5.22)	0.851 (3)	47.8 (7)	39.01 (8)
Latency 50th percentile (ms)	18	26.98	12.8	19.69
Average Jitter (ms)	5.61	31.94	6.3	0.52
Packet Drop Rate (%)	0	0	0	0
Web browsing delay (sec)	8.68	3.63	2.43	0.93
Video Streaming performance for video (sec)	3.36	3.37	2.58	0.95

Data Summary at Hotspot Locations: Download and Upload Speed(in Mbps)

S.No.	Hotspot Locations	AIRTEL		MTNL		RJIL		VIL	
		Download (7.84)	Upload (5.22)	Download (3)	Upload (3)	Download (15)	Upload (7)	Download (15)	Upload (8)
1.	Rajouri Garden Metro station	188.97	50.78	6.079	0.591	282.11	30.94	127.35	37.31
2.	Kirti Nagar Furniture Market	188.37	48.76	3.621	0.69	222.49	52.86	245.64	41.42
3.	ESI Basai Darapur Hospital	157.4	61.37	4.938	0.454	137.1	70.75	182.09	32.96
4.	Iscon Temple Punjabi Bagh	289.68	42.23	5.166	0.5	233.55	18.95	231.84	38.28
5.	Doon Public School	234.2	35.41	5.696	2.004	585.53	70.075	282.29	45.09

Coverage – Voice Calls

- Percentage of coverage samples for 2G $\geq$ -85 dBm

TSPs	2G		
	Airtel	VIL	MTNL
Coverage%	98%	96.87	NA

- Percentage of coverage samples for 3G $\geq$ - 90 dBm

TSPs	3G
	MTNL
Coverage%	23.69

Coverage – Voice Calls (Contd..)

- Percentage of coverage samples for 4G $\geq$ -110 dBm

TSPs	4G		
	Airtel	RJIL	VIL
Coverage %	98.97	95.92	99.72

- Percentage of coverage samples for 5G $\geq$ -110 dBm

TSPs	5G	
	Airtel	RJIL
Coverage %	99.19	99.44

THANK YOU