



Operator Assisted Drive Test Report Delhi NCR March, 2025 (Regional Office, Delhi)

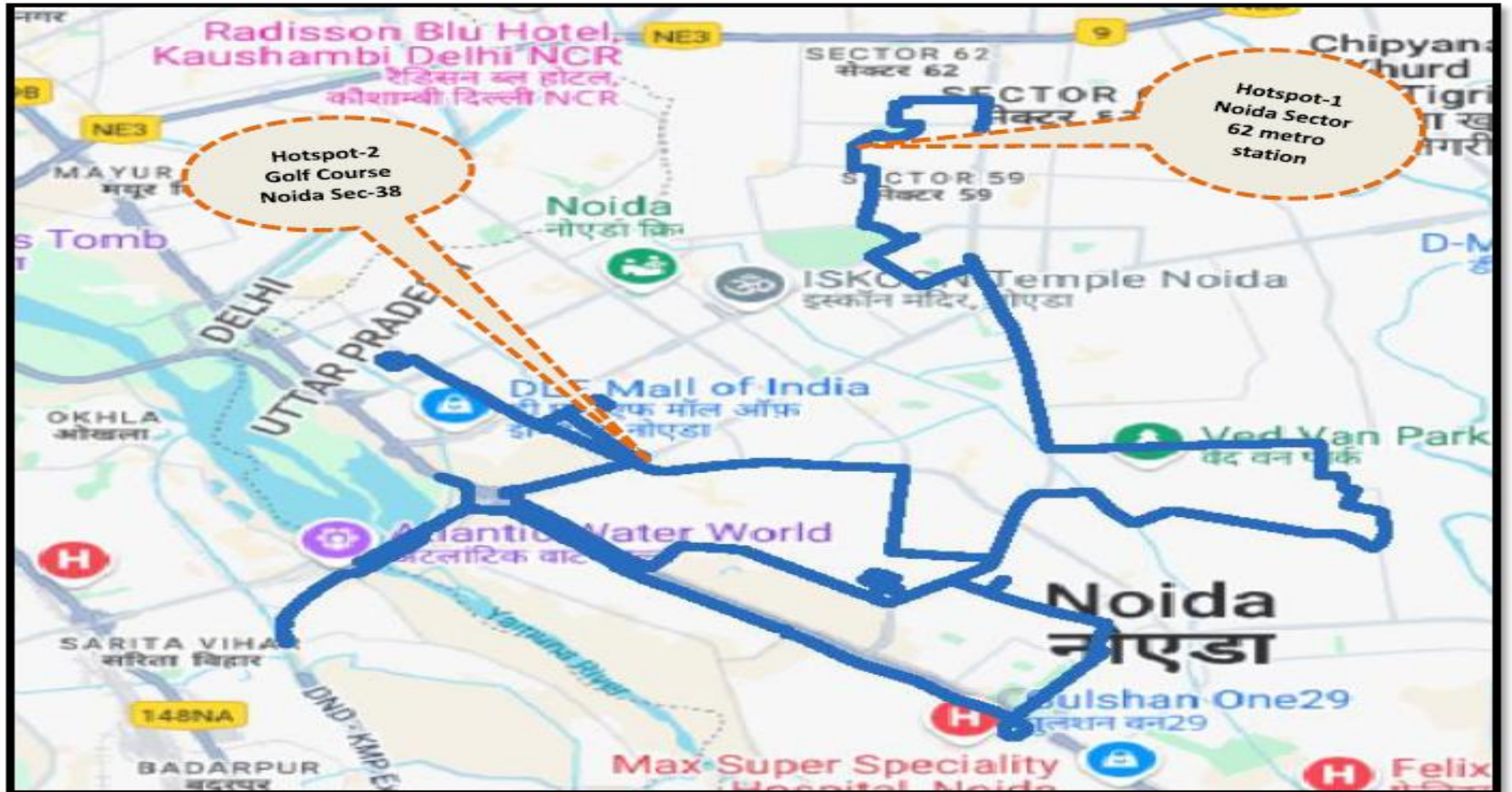
The Operator Assisted Drive Test has been carried out by Regional Office, Delhi with the help of Telecom Service Providers in Delhi, Noida, Greater Noida and surrounding areas from 25th to 27th March 2027 from 10.00 AM to 06.00 PM. The drive test covered drive route of 235 KMs (approx.) over a period of three days, covering hotspot at seven (7) locations. Networks Tested: 2 in 2G, 1 in 3G, 3 in 4G and 2 in 5G.

Voice and Dynamic/Static Data Test Route			
S.No	Date	Location/Area	Static Hotspot Locations
1	25-03-2025	Greater Noida, Knowledge Park-I to III, Pari Chowk, Gamma I and near by areas	Pari Chowk, OMAX Mall
2	26-03-2025	Noida, Sector- 62, Sector-63, Sector 57-58, Sector -94 Sector-100 , Hajipur and near by areas	Noida Sector 62 Metro Station, Golf Course Noida Sector -38
3	27-03-2025	ITO to Old Delhi railways station and Chavri Bazar & Chandni Chowk and near by areas	ICAR Complex Pusa, Old Delhi Railway Station, IIIDEM Building Dwarka

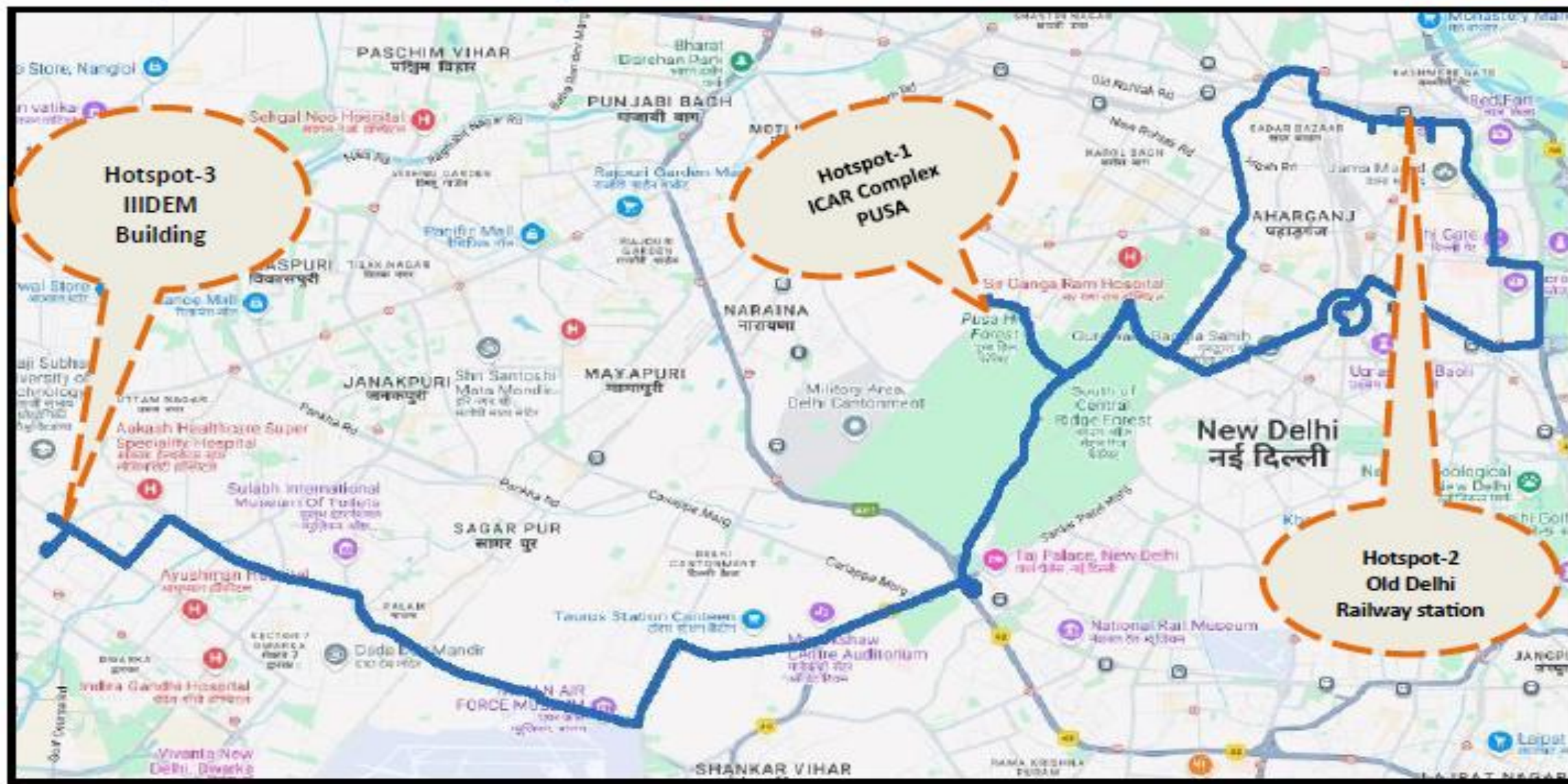
Drive Test Route Map : Day-1



Drive Test Route Map : Day-2



Drive Test Route Map : Day-3



Key Observations from Drive Test (Voice)

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

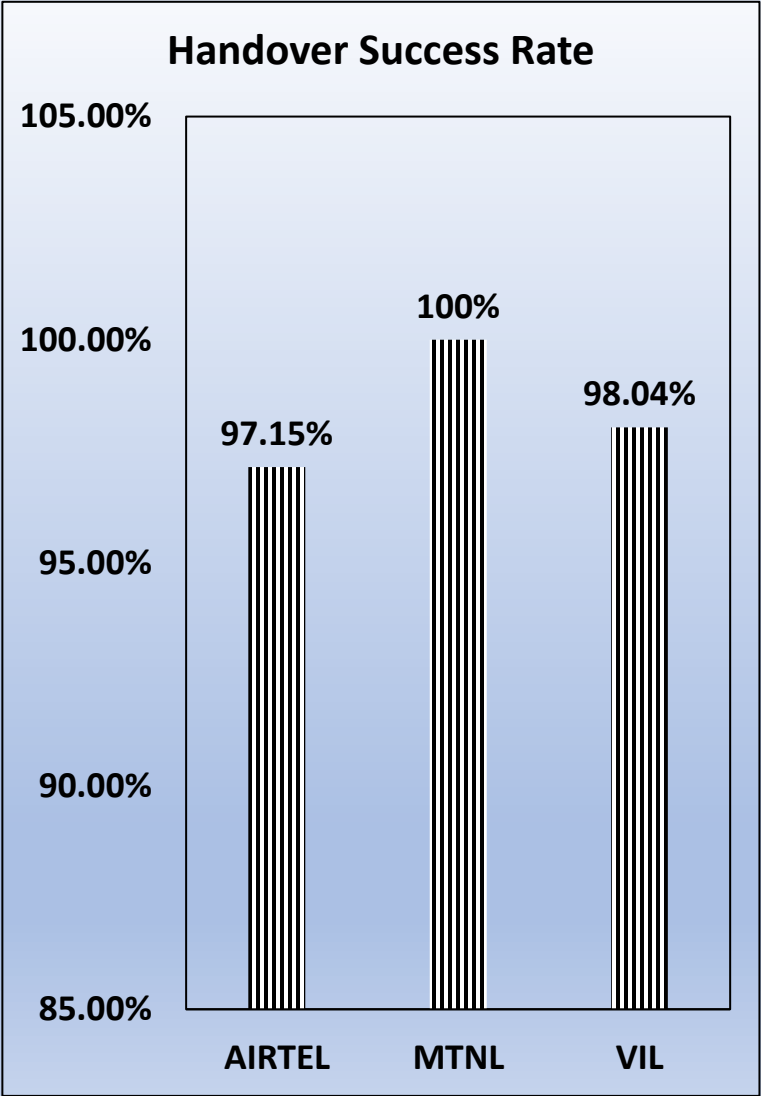
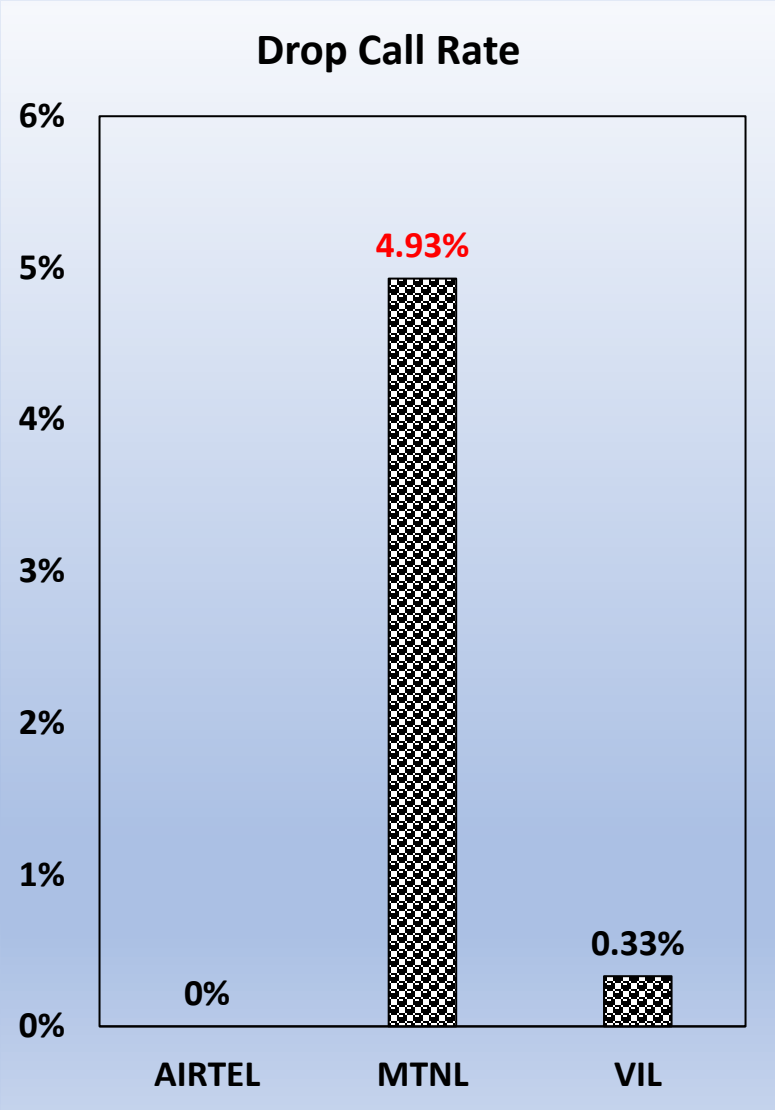
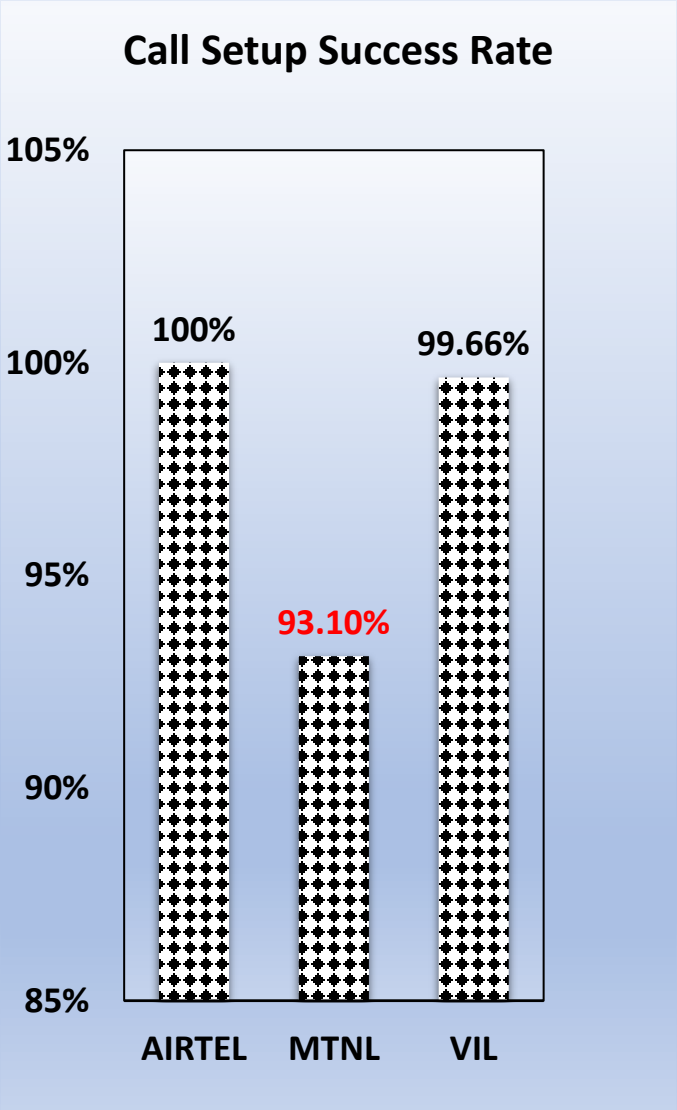
Calls were made for the **90-sec** duration with a wait time of **15 sec** between calls in all technologies.

KPI	Benchmark	Observations
Drop call rate %	≤2%	All TSPs achieved the benchmark except MTNL
CSSR %	≥98 %	All TSPs achieved the benchmark except MTNL
Handover Success Rate%	≥95%	All TSPs achieved the benchmark

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

Voice Call	VIL 2G	MTNL 3G	AIRTEL 2G
Call Attempt	295	261	266
Call Established	294	243	266
CSSR% (Accessibility)	99.66	93.10	100
Drop Call Rate (%)	0.33	4.93	0
Handover Success Rate (%)	98.04	100	97.15

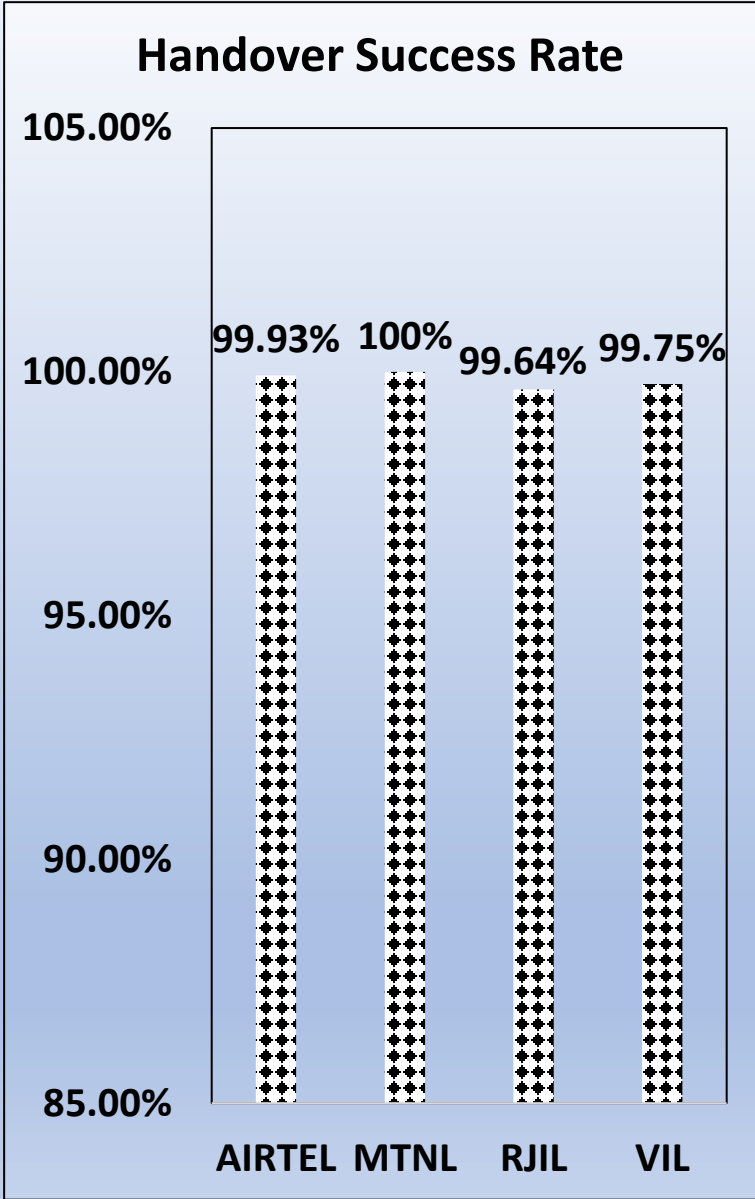
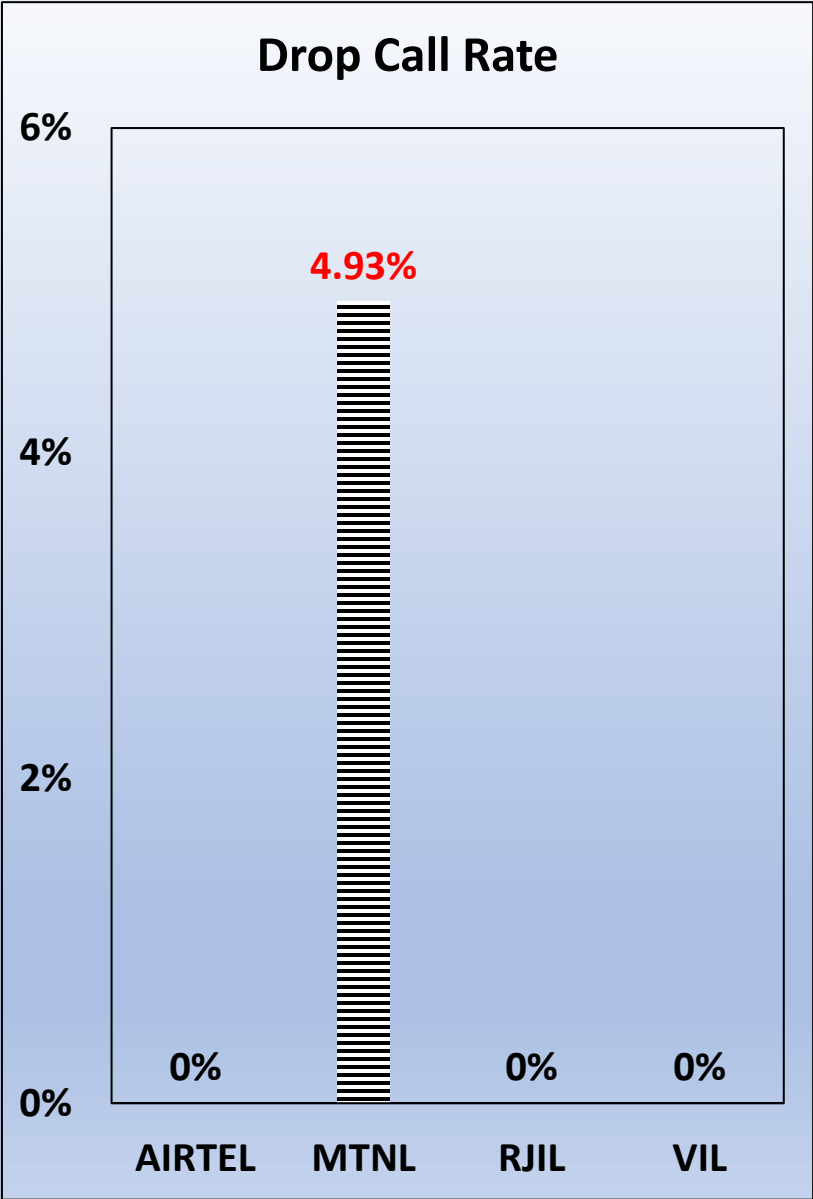
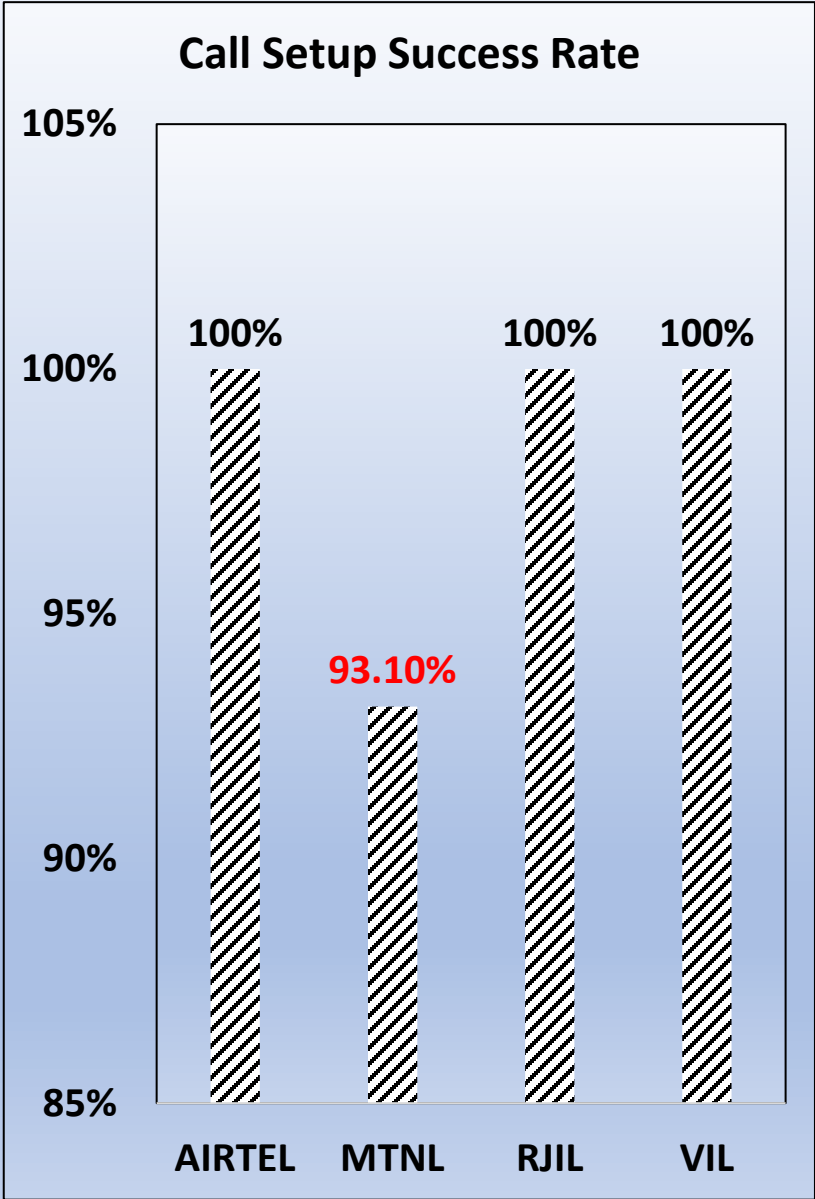
Summary – Voice City Dynamic in 3G/2G (Locked Mode)



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

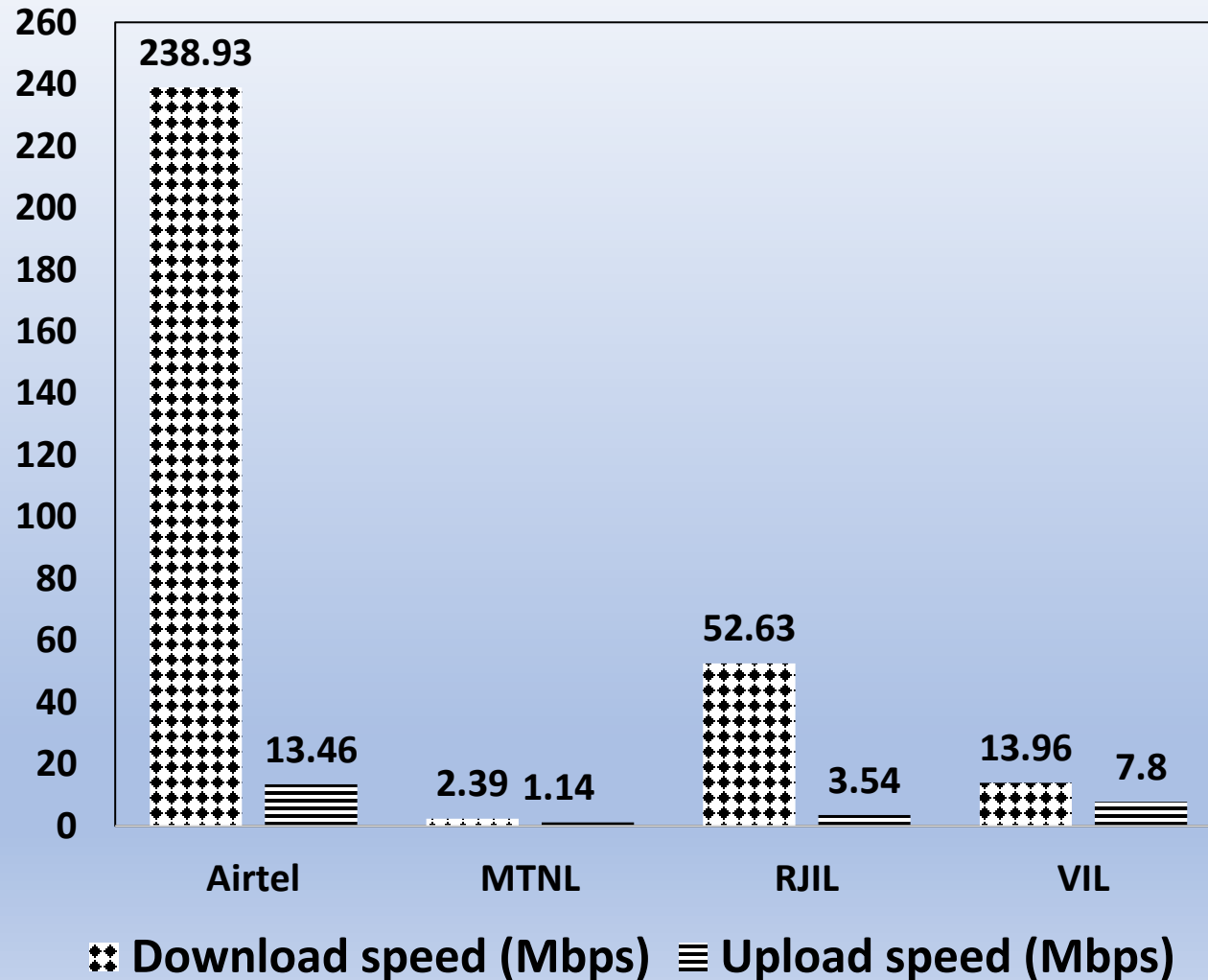
Voice Call	VIL	MTNL	AIRTEL	RJIL
Call Attempt	302	261	260	223
Call Established	302	243	260	223
CSSR% (Accessibility)	100	93.10	100	100
Drop Call Rate (%)	0	4.93	0	0
Handover Success Rate (%)	99.75	100	99.93	99.64

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

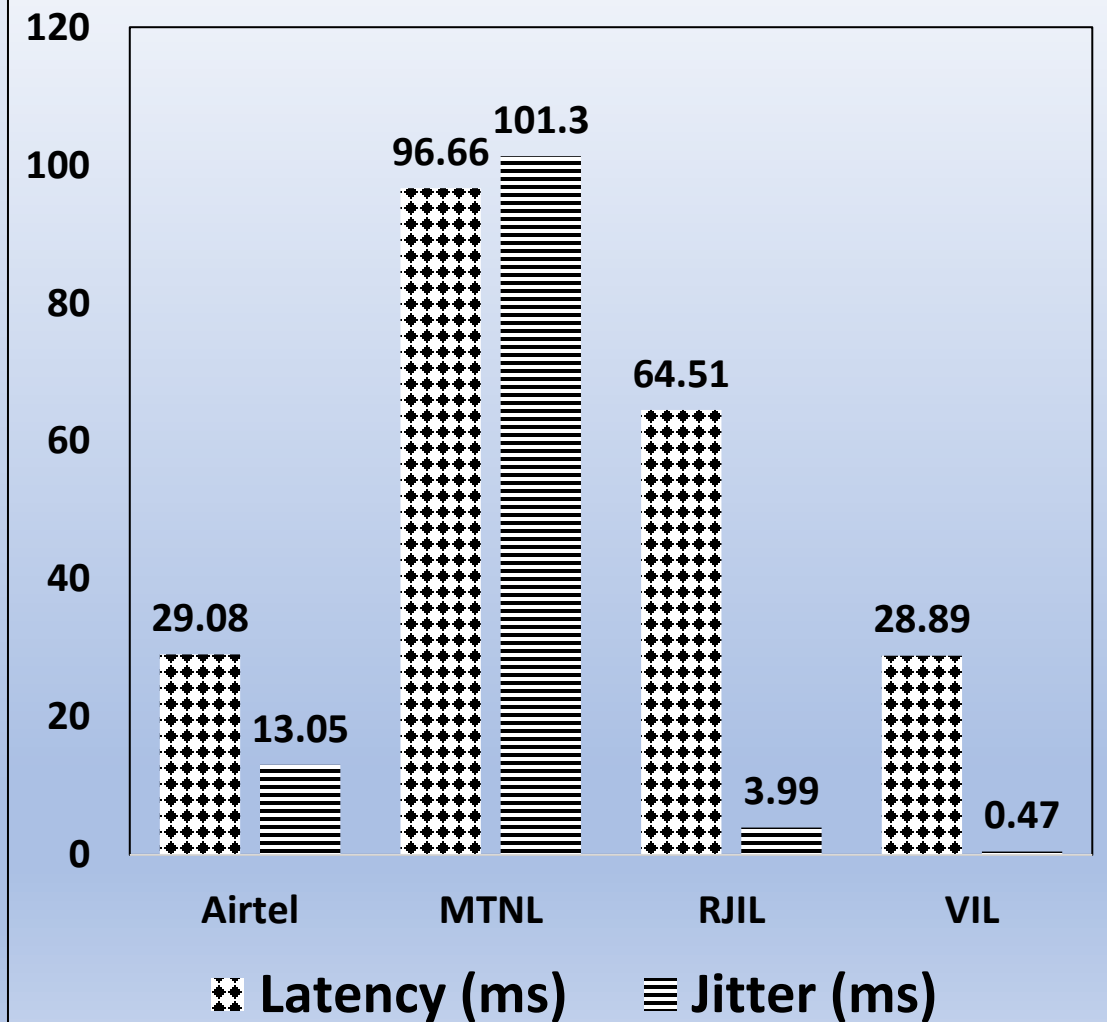


Data Service Performance in 5G/4G/3G/2G (Auto mode) - Dynamic

Average Download/Upload Speed - Dynamic

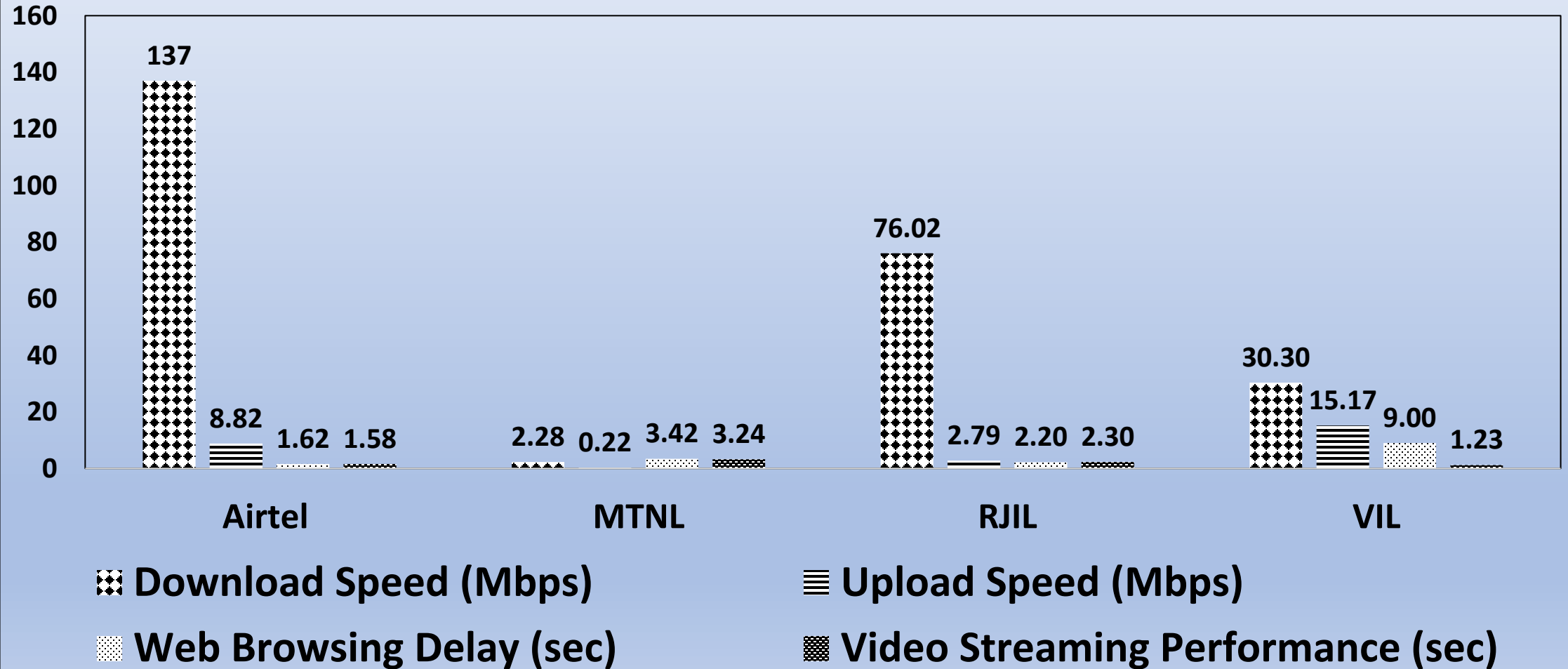


Average Latency/Jitter - Dynamic



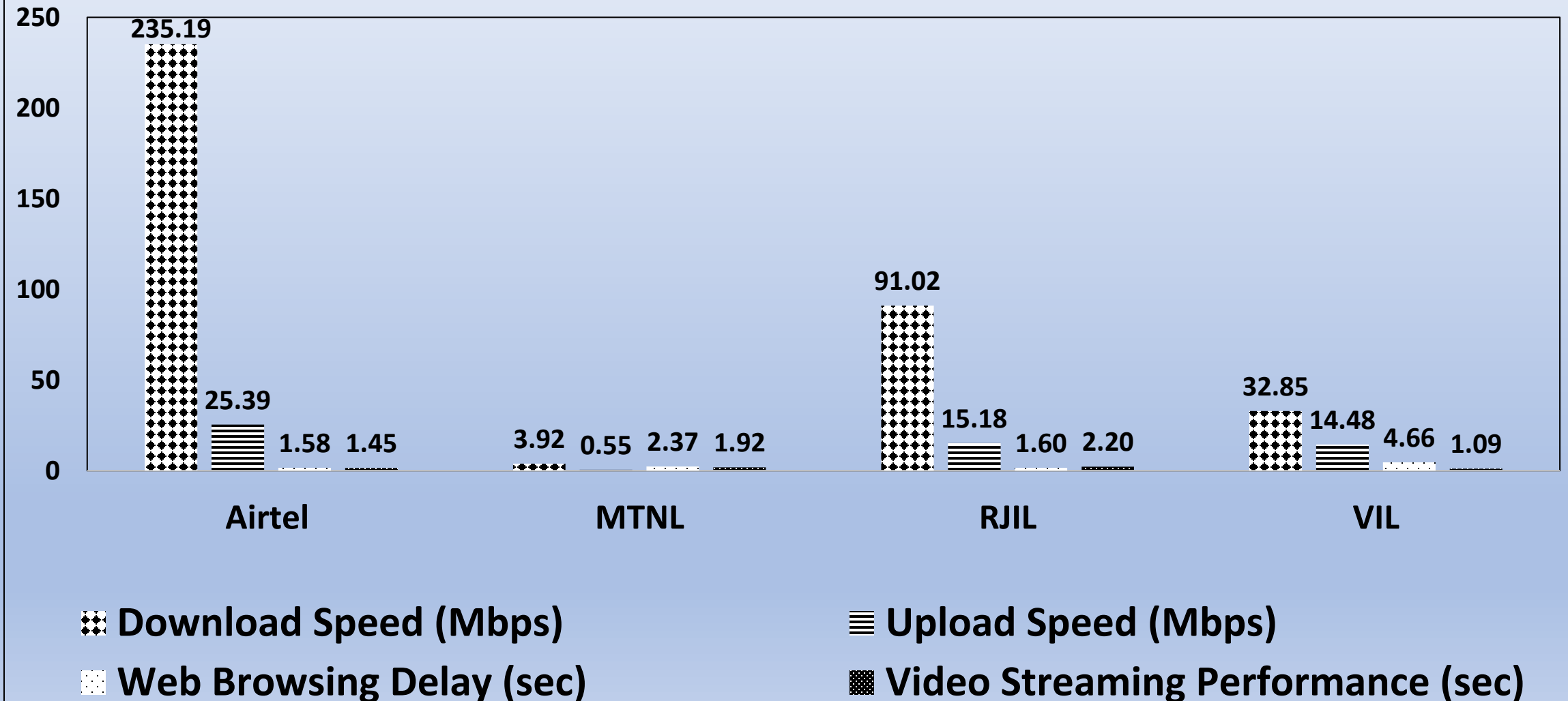
Data Service Performance in 5G/4G/3G/2G (Auto mode) - Static

Hotspot Location : Noida Sector 62 Metro Station



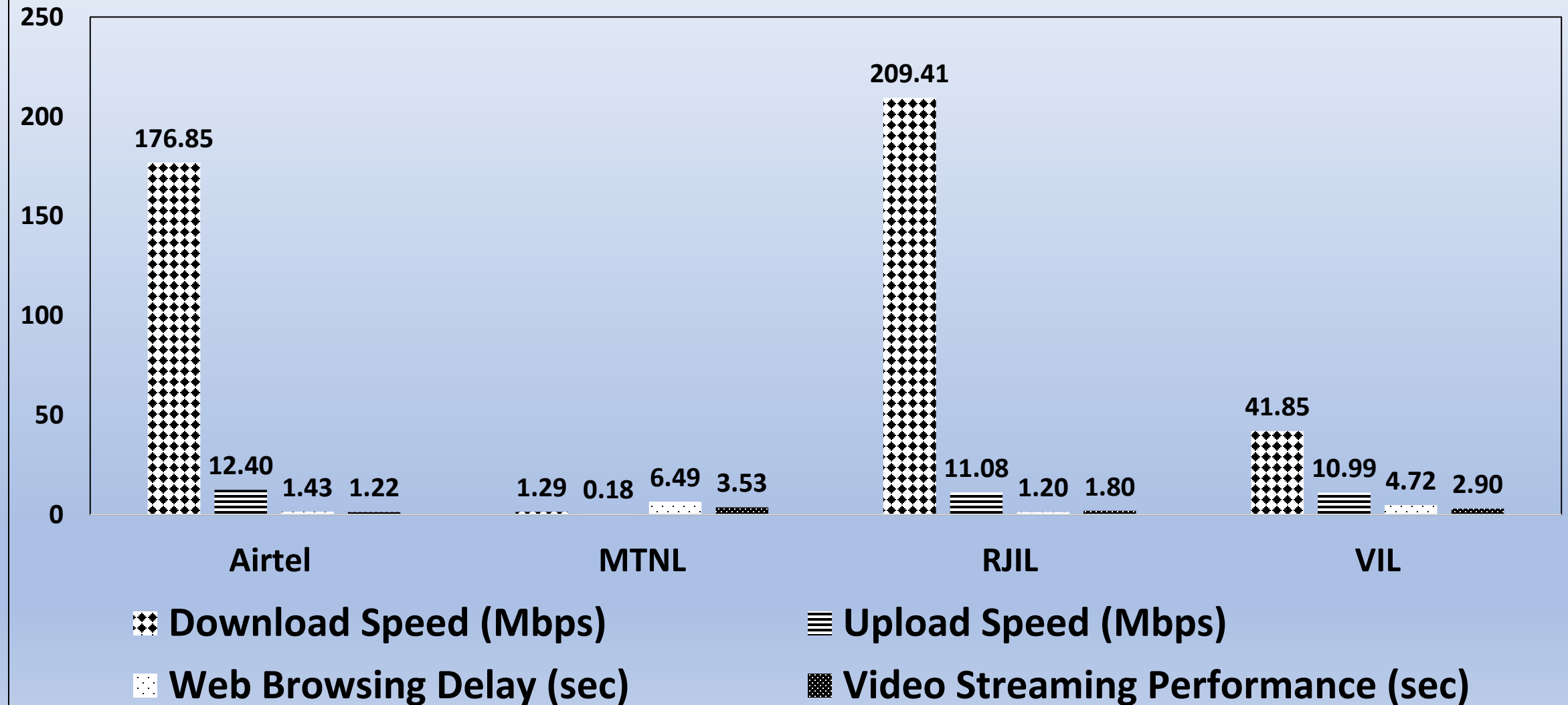
Data Service Performance in 5G/4G/3G/2G (Auto mode) - Static

Hotspot Location : Golf Course Noida Sector 38



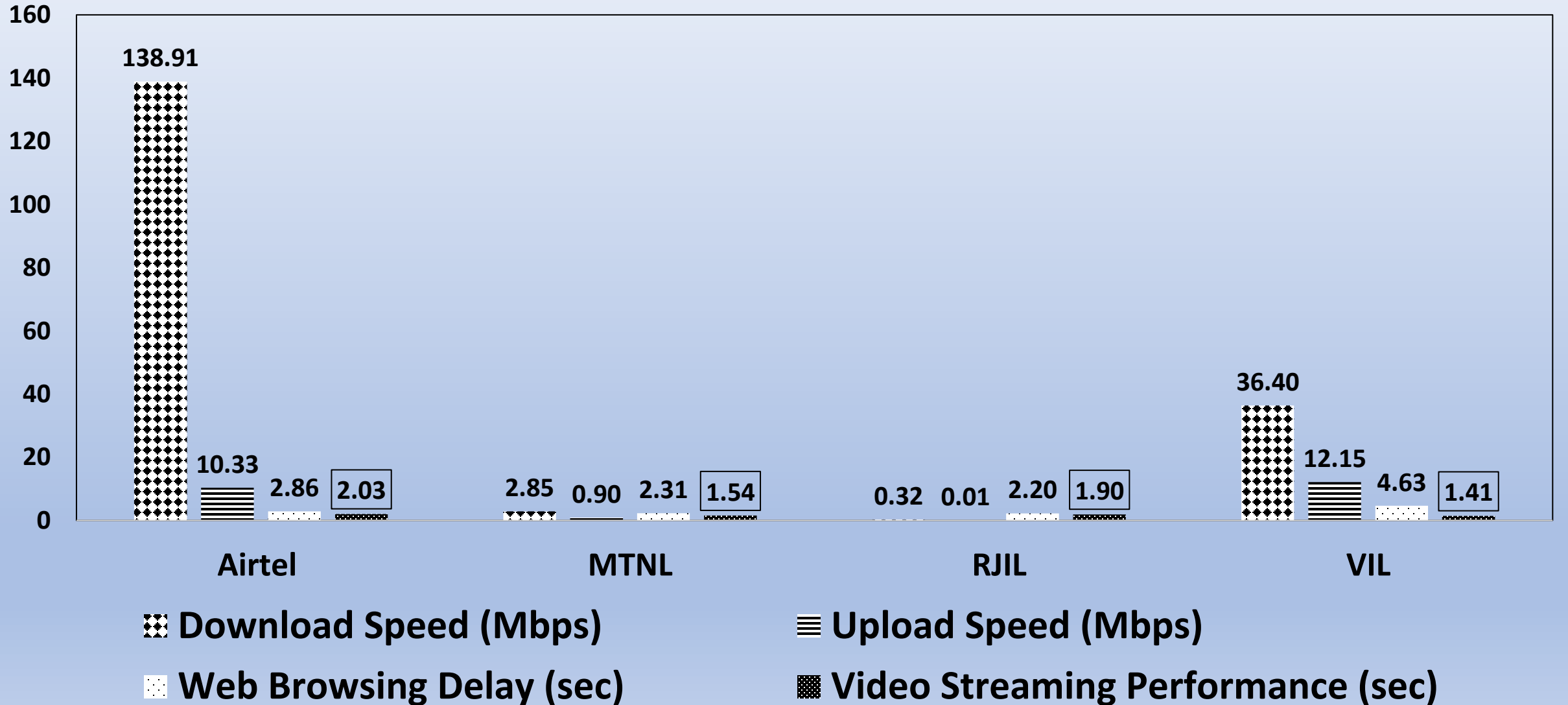
Data Service Performance in 5G/4G/3G/2G (Auto mode) - Static

Hotspot Location : Old Delhi Railway Station



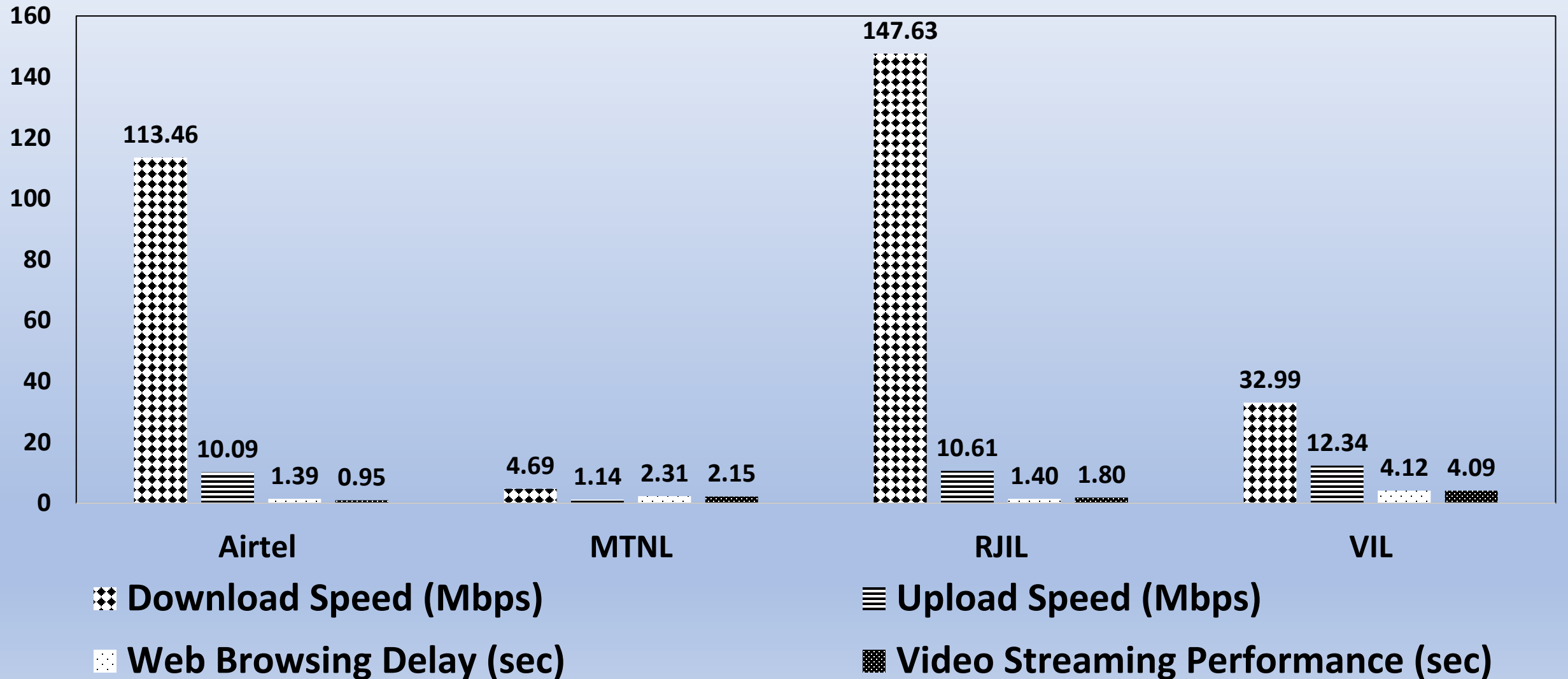
Data Service Performance in 5G/4G/3G/2G (Auto mode) - Static

Hotspot Location : ICAR Complex Pusa



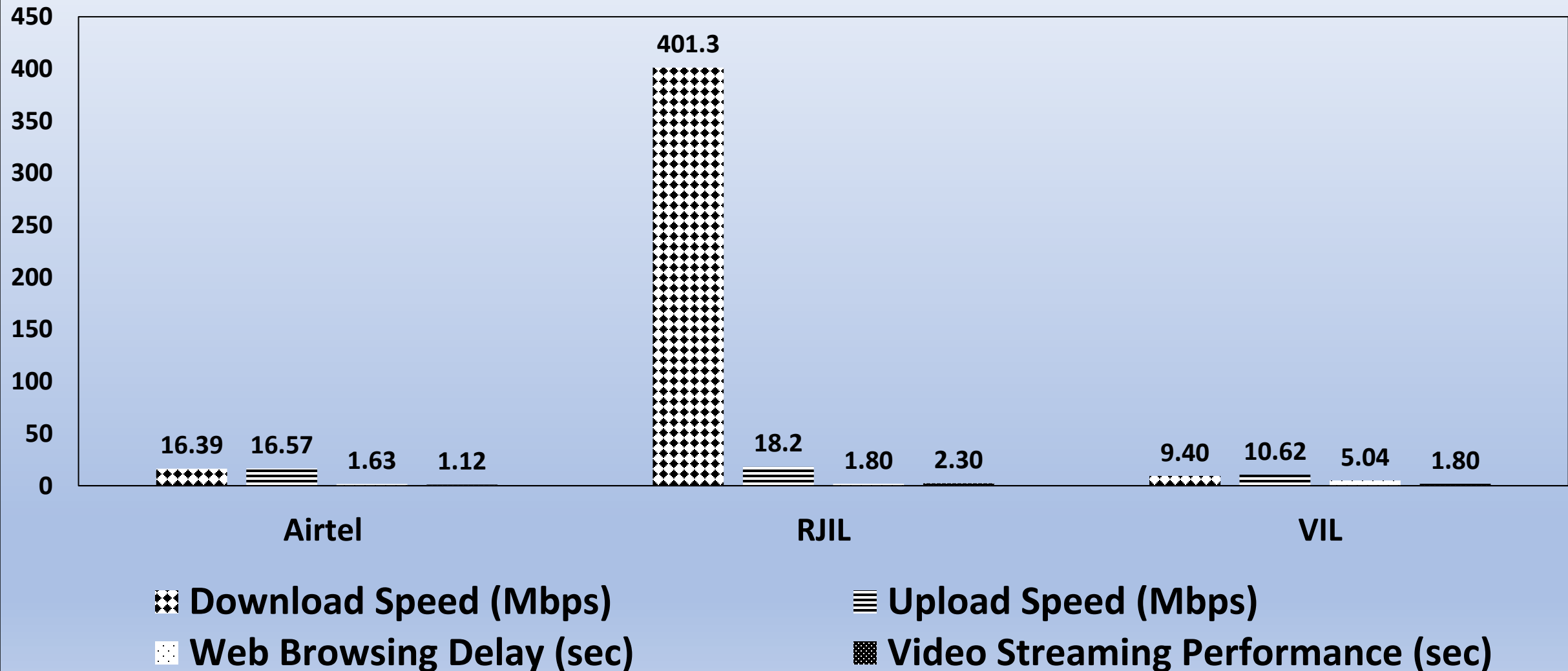
Data Service Performance in 5G/4G/3G/2G (Auto mode) - Static

Hotspot Location : IIDEM Building, Dwarka



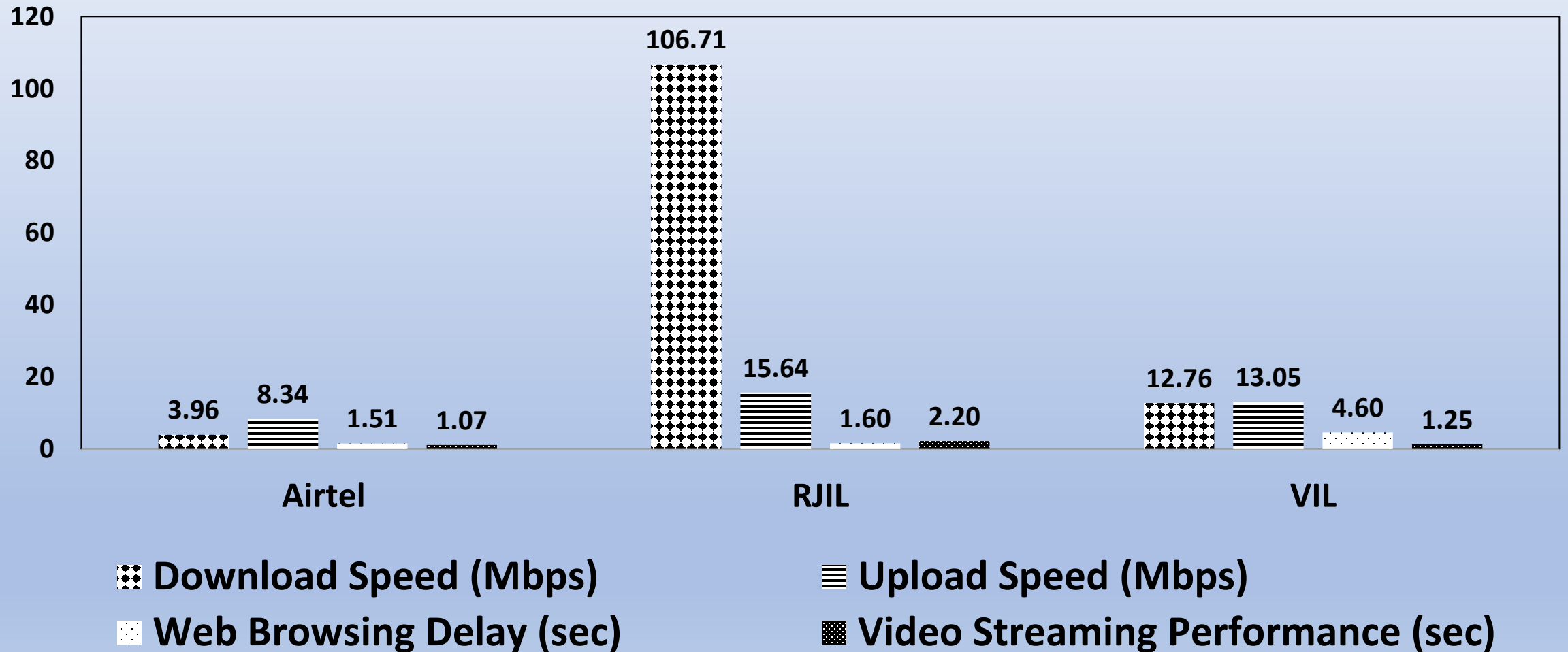
Data Service Performance in 5G/4G/3G/2G (Auto mode) - Static

Hotspot Location : Parichowk, Greater Noida



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

Hotspot Location : Omaxe Mall, Greater Noida



Coverage – Voice Calls

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

TSPs	2G	
	Airtel	VIL
Coverage%	92.04	99.5

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

TSPs	3G
	MTNL
Coverage%	34.07

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

TSPs	4G		
	Airtel	JIO	VIL
Coverage %	99.76	98.01	99.90