

#### **Operator Assisted Drive Test Report**

# Salem SSA APR – 2025 (RO, HYDERABAD)

<u>Key Performance Indicators:</u> All TSPs have met the Drop Call Rate (DCR) benchmark of 2%. All TSPs have met the Call Setup Success Rate (CSSR) of 95%.

The Operator Assisted Drive Test (OADT) has been carried out by TRAI RO Hyderabad with the help of Service Providers in Salem City & surrounding regions of Namakkal, Tiruchengodu, Mettur and Mallasamudram from 9:00 AM to 8:00 PM during 28th to 30th April' 2025 and 02nd May 2025. The drive test covered drive route of 385 KMs & 8 hotspot over a period of 4 days. Approximately 597 calls were made for each of the 7 networks: Three 2G networks, One 3G network and Three LTE network covering four TSPs.

Voice Summary

Data Summary

### Overview

TRAI Hyderabad conducted Operator Assisted Drive Test from 9:00 AM to 8:00 PM during 28<sup>th</sup> to 30<sup>th</sup> April' 2025 and 02<sup>nd</sup> May 2025. Covering various locations in Salem City & surrounding regions of Namakkal, Tiruchengodu, Mettur and Mallasamudram. The performance of Airtel, BSNL, Jio and Vodafone Idea Limited were monitored across various technologies (2G, 3G, and 4G). The test results obtained from these drive tests were utilized to assess the network quality for Voice and Data services in terms of

**Voice:** Coverage, Quality, Handover Success Rate, Call Setup Success Rate, Drop Call Rate and Block Call Rate.

**Data:** Download and Upload Throughputs, Web Browsing Delay and Latency **Drive Test Details:** 

**Voice Tests:** Calls were made for 90 sec duration with wait time of 10 sec between calls in all technologies. The drive test covered a drive route of approximately 385 KMs over a period of 4 days from 28<sup>th</sup> to 30<sup>th</sup> April' 2025 and 02<sup>nd</sup> May 2025. Approximately 597 calls were made for each of the 7 networks: three 2G (Lock Mode) networks, one 3G (Dual mode) networks and three VoLTE network covering 4 unique TSPs.

#### **Data Tests:**

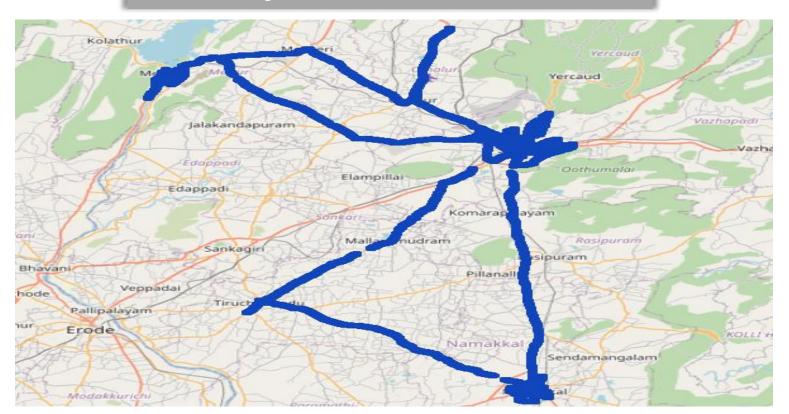
- 1.Dynamic data test was conducted for 385 kms over a period of 4 days for download throughput for 3G & 4G technologies.
- Data Tests were performed at 6 static locations for 2G, 3G & 4G technologies of five iterations at each location.
- 2. For Voice and Data KPI's, 2G measurement is done with UE locked mode, 3G measurement is done with UE in Dual mode (2G & 3G) and 4G measurement is done with UE in Free Mode.
- \* 3G KPI's which are calculated from UE in Dual Mode (2G & 3G) includes samples and events of 2G.
- \* 4G KPI's which are calculated from the UE in Free Mode included samples and events of 2G & 3G.

Service	Specifications					
Download	2G (Locked) - 500KB, 3G (Dual) - 20 MB, 4G (Free) - 40 MB					
Upload	2G (Locked) - 100KB, 3G (Dual) - 5 MB, 4G (Free) - 10 MB					
Web Browsing	3 links of e/m commerce website www.amazon.in, www.flipkart.com and www.myntra.com					
Video Streaming	130 Sec Clip					
Latency	32 Bytes on www.google.com					

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## Overview

#### **Voice & Dynamic Data Test Drive Route**

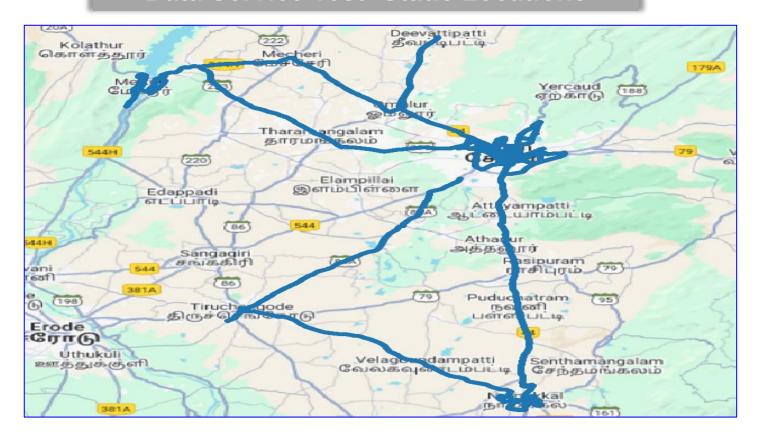


Areas Covered – Nammakal Town (Day 1)	Areas Covered – Mettur Town (Day 2)	Areas Covered – Villupuram Town (Day 3)
Kondalampatti	Salem Junction	New Bus Stand
Seelanaickanpatti	Salem Steel Plant	Cherry Road
Mallur	Tharamangalam	Hasthampatti
Andagalor Gate	Nanagavalli	Gorimedu
Puchuchathiram	Mettur	Yercaud Adivaram
Budhanasanthai	Mettur Bus Stand	Kannankurichi
Namakkal	Thermal area	Chinna Thirupathi
Namakkal Town	Mecheri	Marvaneri
Vedagoundanpatti	Omalur	Kondalampatty
Kumaramangalam	Dheevatipatti	Seelanaikkanpatti
Tiruchengode	Periyar university	Gugai
Morepalayam	Raddision Blu Hotel.	Erumapalayam
Mallasamudram		Arisipalayam

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## Overview

#### **Data Service Test- Static Locations**



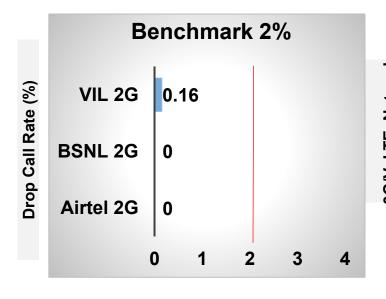
8 Static Locations					
Namakkal Anjeneyar Temple					
Mettur Bus Stand					
Salem Periyar University					
Thiruchengode Bus Stand					
Salem Steel Plant					
Salem New Bus Stand					
Salem Railway Station					
Salem Govt. Arts College					

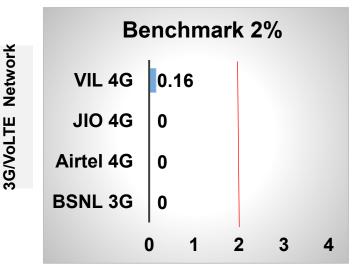
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## **Voice Calls**

#### **Key Observations**

QoS compliance of the TSPs in Salem SSA for Voice across technologies 2G/3G/VoLTE:





2G Network

Benchmark 3%					
VIL 2G	0.32				
BSNL 2G	0.54				
Airtel 2G	0				
0 1 2 3 4					

**Block Call Rate (%)** 

Ber	nchm	ark 3	%		
VIL 4G	0				ž
VIL 4G JIO 4G Airtel 4G	0				Network
Airtel 4G	0				2G N
BSNL 3G	0.73				
	D 1	2	3	4	

KPIs	2G 3G		PIS 2G 3G VOLTE				
	Airtel	BSNL	VIL	BSNL	Airtel	JIO	VIL
Drop Call Rate %	0	0	0.16	0	0	0	0.16
Block Call Rate %	0	0.54	0.32	0.73	0	0	0

3G / VoLTE Network

- a) All TSPs have met the 2% QOS benchmark of Drop Call Rate (DCR%).
- b) Call Block Rate (CBR%) benchmark of 3% was achieved by all TSP's.

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## Voice Calls

#### **Key Observations**

#### Coverage

a) Percentage of coverage samples for 2G ≥ -85 dBm.

TODO	2G			
TSPS	Airtel	BSNL	VIL	
Coverage %	97.11	97.63	98.38	

b) Percentage of coverage samples for 3G ≥ -90 dBm & LTE ≥ -110 dBm

TSP	3G	VoLTE (≥ -110 dBm)			
15P	BSNL	Airtel	JIO	VIL	
Coverage %	100	99.80	99.20	99.07	

c) Percentage of time spent on 3G/VoLTE network

TOD	3G	3G Volte			
TSP	BSNL	Airtel	JIO	VIL	
Time spent %	35.87	100	100	99.99	

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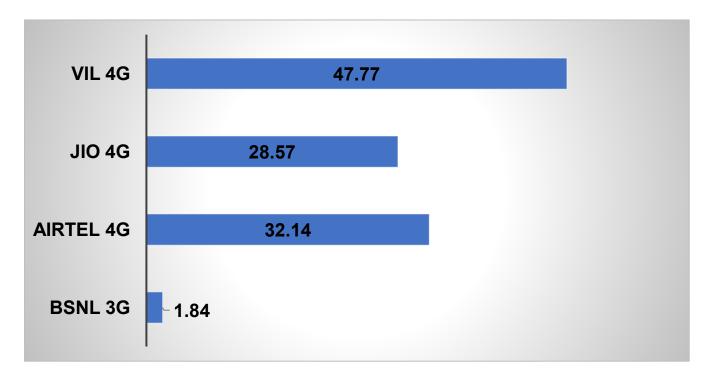
## **Key Observations**

## Data Services Dynamic

Dynamic Data was tested Download Throughput was tested.

#### Data Download Performance (kbps) - Dynamic

#### 3G/4G/ Network:



Data Services Dynamic	3G / 4G				
Data Services Dynamic	BSNL 3G	Airtel 4G	JIO 4G	VIL 4G	
Download throughput in Mbps	1.84	32.14	28.57	47.77	

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## Data <u>Services Static</u>

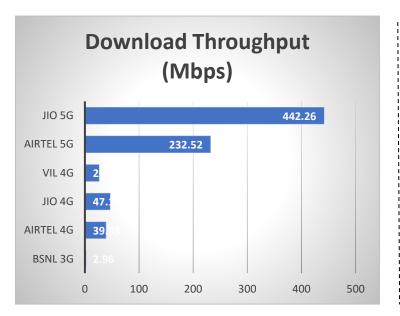
## **Key Observations**(Average of 8 Hotspots

Data was tested at 8 locations .Following services were tested: Data Download/Upload, Latency (www.google.com), and Web browsing delay (Flipkart, Amazon, Myntra)

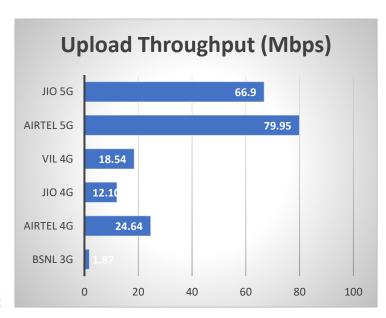
#### **Data Download and Upload Performance (Mbps)**

3G/4G/ Network:

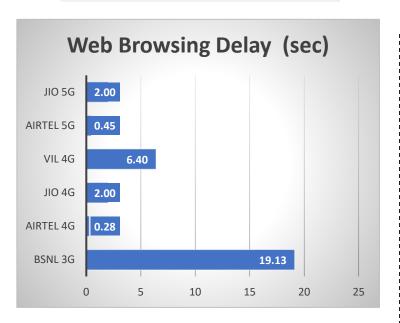
**Download Throughput (Mbps)** 



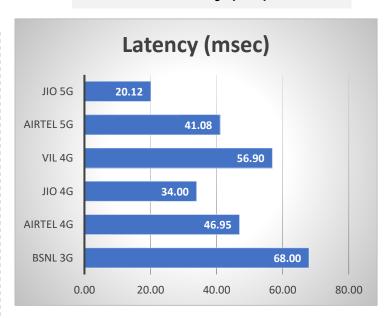
**Upload Throughput (Mbps)** 



Web Browsing delay (Sec)



Latency (ms)



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## Summary

#### SSA Level Summary-Voice

Voice Calls	2G			
voice Calls	Airtel	BSNL	VIL	
Call attempts	531	557	613	
Block call rate %	0.00	0.54	0.32	
CSSR %	100	99.46	99.68	
Drop call rate %	0.00	0.00	0.16	
Mobility HOSR %	98.19	97.95	99.30	
RX Quality %	96.15	98.24	97.74	

Voice Calls	3G	VoLTE		
TSP ( For 3G)	BSNL	Airtel JIO VIL		
Call attempts	545	546	620	619
Block call rate %	0.73	0.00	0.00	0
CSSR %	99.27	100	100	100
Drop call rate %	0.00	0.00	0.00	0.16
Mobility HOSR %	99.64	99.27	99.51	100
RX Quality %	98.48	97.46	93.89	96.33

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## Summary

#### SSA Level Summary-(Average of 8 hotspots)-Data Services

Data Services Static	3G/4G						
Data Services Static	BSNL 3G	Airtel 4G	JIO 4G	VIL 4G			
Download throughput in Mbps	2.96	39.35	47.18	26.65			
Upload Throughput in Mbps	1.87	24.64	12.10	18.54			
Web browsing delay in second	19.13	0.28	2.00	6.40			
Latency in (msec)	68.0	46.95	34.00	56.9			

Data Services Static	5G			
Data Services Static	Airtel 5G	JIO 5G		
Download throughput in Mbps	232.52	442.26		
Upload Throughput in Mbps	79.95	66.90		
Web browsing delay in second	0.45	2.00		
Latency in (msec)	41.08	20.12		

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### **Data Services static**

Namakkal Anjaneyar Temple	3G		LTE		50	G
Namakkai Anjaneyar Temple	BSNL	Airtel	JIO	VIL	Airtel	JIO
Download Throughput (Mbps)	2.66	30.92	52.37	37.10	209.48	342.07
Upload Throughput (Mbps)	1.69	14.27	6.95	19.50	46.46	49.64
Web Browsing Delay (sec)	16.61	0.13	2	4.80	0.62	3
Latency (msec)	72.00	47.73	35	81.20	40.20	21

Mettur Bus Stand	3G	3G LTE				5G		
Mettur Bus Stario	BSNL	Airtel	JIO	VIL	Airtel	JIO		
Download Throughput (Mbps)	1.80	33.81	29.61	25.90	237.27	443.66		
Upload Throughput (Mbps)	8.60	35.79	22.83	26	94.89	106.90		
Web Browsing Delay (sec)	19.07	0.16	3	12.40	0.69	3		
Latency (msec)	38.0	40.67	37	47.40	28.03	20		

Salem Periyar University	3G		LTE		5	G
Calcill I criyar Criiversity	BSNL	Airtel	JIO	VIL	Airtel	JIO
Download Throughput (Mbps)	1.46	39.31	53.52	18.90	215.76	51.58
Upload Throughput (Mbps)	2.21	16.44	13.13	12.80	83.00	59.58
Web Browsing Delay (sec)	18.31	0.24	2	5.06	0.63	2
Latency (msec)	35.0	44.67	30	44.40	34.43	22

	3G		LTE		5	G
Thiruchengode Bus Stand	BSNL	Airtel	JIO	VIL	Airtel	JIO
Download Throughput (Mbps)	2.38	45.88	25.10	22.30	318.75	442.98
Upload Throughput (Mbps)	1.15	32.54	3.36	26.80	84.24	54.38
Web Browsing Delay (sec)	20.39	0.14	2	5.63	0.14	2
Latency (msec)	71.0	48.00	36	63	43.67	16

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## Data Services static

SSA Level
Summary(contd.)

Salam Stool Dlant	3G		LTE		5G		
Salem Steel Plant	BSNL	Airtel	JIO	VIL	Airtel	JIO	
Download Throughput (Mbps)	2.35	52.35	73.70	21.50	202.73	477.21	
Upload Throughput (Mbps)	1.74	15.23	8.36	9.40	88.33	88.88	
Web Browsing Delay (sec)	25.53	0.11	2	6.34	0.18	2	
Latency (msec)	74.5	44.67	34	55.80	43.33	15	

Salem New Bus Stand	3G		LTE		5	G
Saleili New Bus Stallu	BSNL	Airtel	JIO	VIL	Airtel	JIO
Download Throughput (Mbps)	3.04	44.45	30.25	21.70	223.45	426.54
Upload Throughput (Mbps)	2.41	30.46	14.80	16.70	72.36	8683
Web Browsing Delay (sec)	21.17	0.24	2	6.70	0.56	3
Latency (msec)	67.0	47.73	31	53.60	47.36	20

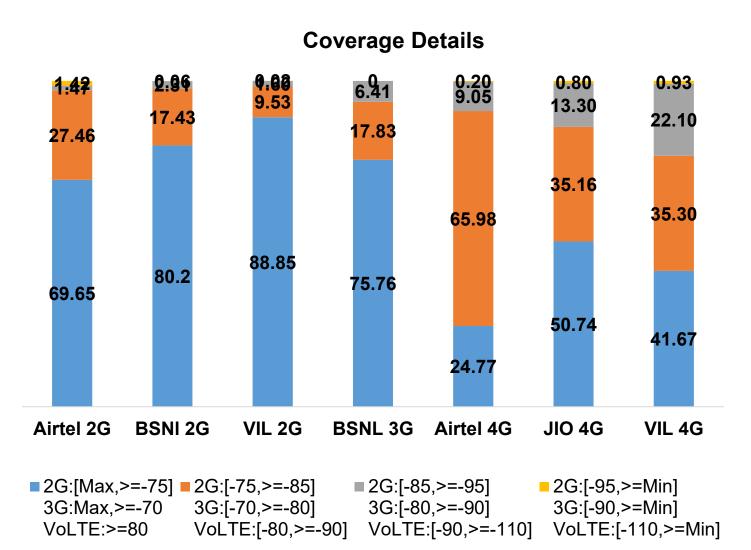
Salam Bailway Station	3G	LTE			5G	
Salem Railway Station	BSNL	Airtel	JIO	VIL	Airtel	JIO
Download Throughput (Mbps)	3.82	30.35	69.45	39.90	239.73	399.89
Upload Throughput (Mbps)	2.02	32.57	20.65	20	89.05	77.47
Web Browsing Delay (sec)	19.26	0.22	2	5.12	0.13	2
Latency (msec)	76.5	55.03	31	52.40	44	22

Salem Govt Arts College	3G	LTE			5G	
	BSNL	Airtel	JIO	VIL	Airtel	JIO
Download Throughput (Mbps)	8.41	37.78	43.42	25.50	213	489.89
Upload Throughput (Mbps)	4.76	19.83	6.68	17.80	81.30	11.51
Web Browsing Delay (sec)	12.68	0.17	2	5.30	0.70	2
Latency (msec)	67.0	47.73	39	57.60	47.66	18

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RF Coverage relates to the geographical footprint within the system that has sufficient RF signal strength to provide for a call session. The Coverage rate is calculated on the basis of % of samples in which the Rx level  $\geq$  -85 dBm, RSCP is  $\geq$  -90 dBm & RSRP  $\geq$  -110dBm. The details are as follows.

TSP	Coverage Rate %
Airtel 2G	97.11
BSNL 2G	97.63
VIL 2G	98.38
BSNL 3G	100
Airtel VoLTE	99.80
JIO VoLTE	99.20
VIL VoLTE	99.07



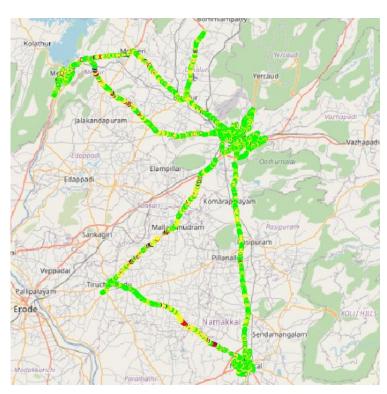
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#### **AIRTEL**

Technology	Coverage Rate %
2G	97.11
VoLTE	99.80

**2G** 







2G		
Overall RxLevel	# Samples	%
[Max, >=-75]	6395326	69.65
[-75, >=-85]	2520992	27.46
[-85, >=-95]	135110	1.47
[-95, >=Min]	130014	1.42
Total	9181442	100

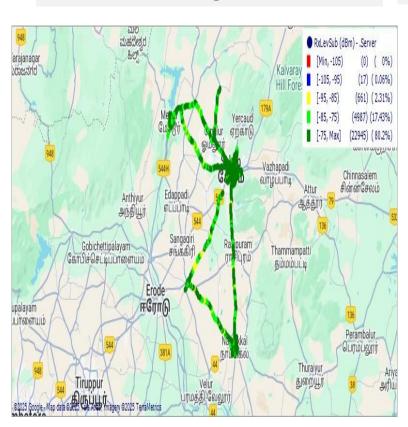
VoLTE		
Overall RSRP	# Samples	%
[Max, >=-80]	2771794	24.77
[-80, >=-90]	7383809	65.98
[-90, >=-110]	1013343	9.05
[-110, >=-120]	20509	0.18
[-120, >=Min]	1690	0.02
Total	11191145	100

#### **BSNL**

Technology	Coverage Rate %
2G	97.63
3G	100

2G

**3G** 



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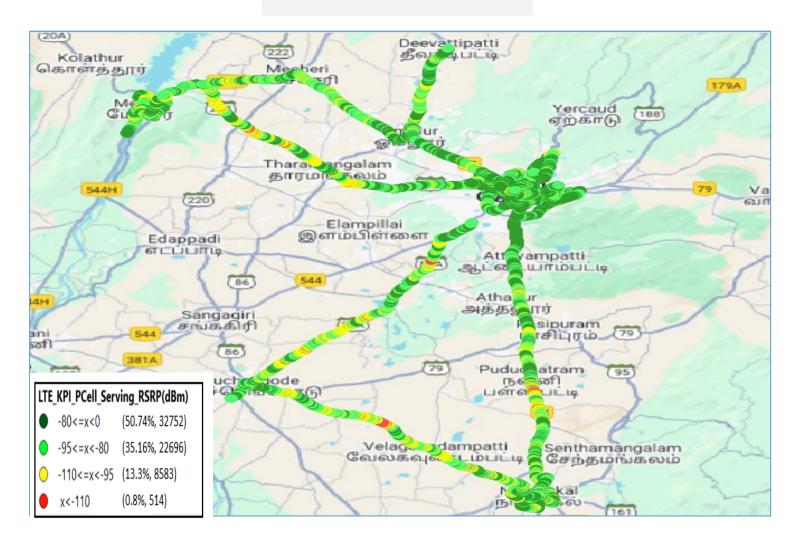
2G		
Overall RxLevel	# Samples	%
[Max, >=-75]	22945	80.20
[-75, >=-85]	4987	17.43
[-85,>=-95]	661	2.31
[-95, >=Min]	17	0.06
Total	28610	100

3G		
Overall RSRP	# Samples	%
[Max, >=-70]	6929	75.76
[-70, >=-80]	1631	17.83
[-80, >=-90]	586	6.41
[-90, >=Min]	0	0.00
Total	9146	100

#### JIO

Technology	Coverage Rate %
VoLTE	99.20

#### **VoLTE**



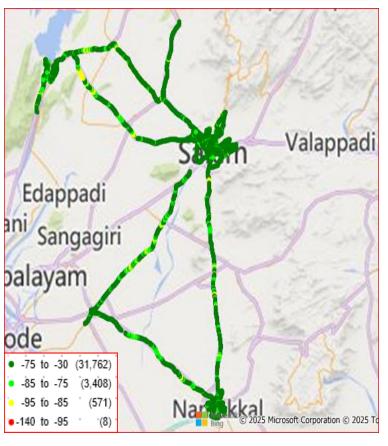
VoLTE		
Overall RSRP	# Samples	%
[Max, >=-80]	32752	50.74
[-80, >=-95)	22696	35.16
[-95, >=-110)	8583	13.30
[-110, >=Min)	514	0.80
Total	64545	100

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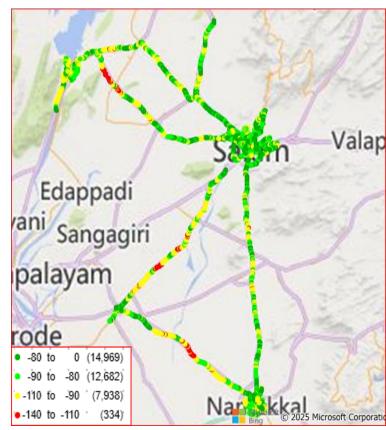
#### VIL

Technology	Coverage Rate %
2G	98.38
VoLTE	99.07

**2G** 



#### **VoLTE**



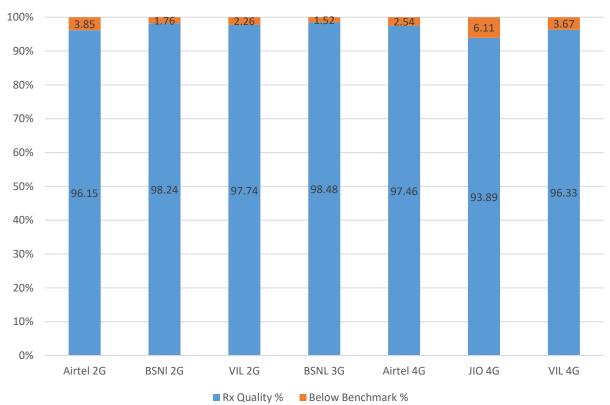
2G		
Overall RxLevel	# Samples	%
[Max, >=-75]	31762	88.85
[-75, >=-85]	3408	9.53
[-85, >=-95]	571	1.60
[-95, >=Min]	8	0.02
Total	35749	100

VoLTE		
Overall RSRP	# Samples	%
[Max, >=-80]	14969	41.67
[-80, >=-90]	12682	35.30
[-90, >=-110]	7938	22.10
[-110, >=-120]	334	0.93
Total	35923	100

For measuring voice quality, as per the QoS norms, Rx Qual <=5 for GSM TSPs, EcNo >= -14 dBm for 3G TSP sand SINR >0 in case of VoLTE is considered to be good, where as quality beyond this benchmark is considered to be bad. The benchmark should usually be ≥ 95%.

TSP	Rx Quality %
Airtel 2G	96.15
BSNL 2G	98.24
VIL 2G	97.74
BSNL 3G	98.48
Airtel 4G	97.46
JIO 4G	93.89
VIL 4G	96.33

#### **RX Quality Distribution**



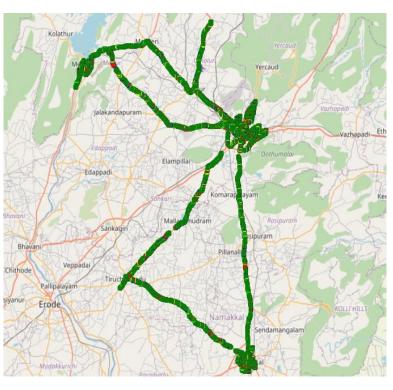
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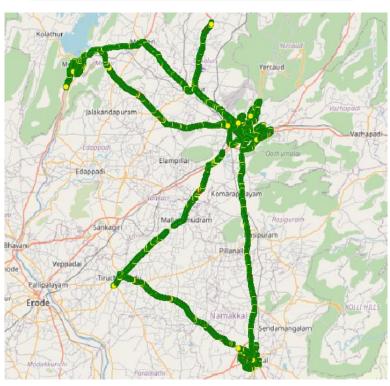
#### Airtel

Technology	Rx Quality %	
2G	96.15	
VoLTE	97.46	

2G







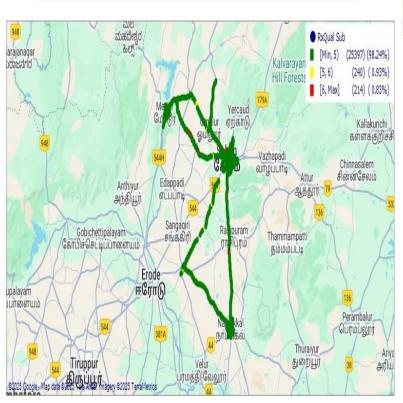
Overall Rx Quality	# Samples	%
(Min, <=2)	7852703	91.87
(2, <=3)	153774	1.80
(3 , <=4)	193839	2.27
(4 , <=5)	18220	0.21
(5, <=Max)	329175	3.85
Total	8547711	100

Overall SINR	# Samples	%
(Min, <=-3)	94464	0.72
(-3, <=0)	241013	1.82
(0, <=5)	3036468	23.02
(5, <=10)	1593191	12.07
(10, <=15)	1423223	10.78
(15, <=Max)	6808285	51.59
Total	13196644	100

#### **BSNL**

Technology	Rx Quality %	
2G	98.24	
3G	98.48	

2G 3G



11:57:02:27N	7 8 7	Thompus		
(200)	Kolathur	Порри Багиц Deeva	f Agg. Active E	c/Io (dB) (139) (1.52%) (9007) (98.48%)
	கொளக்கார்	Mecheri மேச்சேரி	Yercaud (188)	179A
	Palamalai பாலமலை	Om lur ஓம்த ரர் Tharamangalam தாரமங்கலம்	Salem	Belur பேளூர்
Anthiyur	Poolampatti பூலாம்பட்டி Edappadi	Elampillai இளம்பிள்ளை	சேலம் Jarugumalai Reserved Forest ஐருகுமலை காப்பக்	Vazhapadi வாழப்பாடி
அந்தியூர் iani irissoft (175) [5	GELLUTIQ (220) (86)	544 544	Athanur and	
கவுந்தப்பாடி Chithode		179	Rusipuram ராசிபுரம் Puduchatram (95)	Ti.
	Tirucher 79 திருச்செர் <b>ரோடு</b>	igode பகோடு	நவனி பள்ளிபட்டி	
Perundurai பெருந்துறை	Úthukůli ஊத்துக்குளி 83A	Velagound வேலகவுண்	ரடம்பட்டி சேந்தமங்கலம் Natikal	
Chennimalai Geririofilionou	381A (198) Tele Atlas Signatur © 2025 Tarrall	Paramathi பரமத்தி	5 (95) (161) (16	
©ZUZO Google - Map data © 202	Tele AtlasSIVINGEN SZUZS TetraM	etrics Velur	(95)	11:07

Overall Rx Quality	# Samples	%
(Min, <=5)	25397	98.24
(5, <=6)	240	0.93
(6 , <=Max)	214	0.83
Total	25851	100

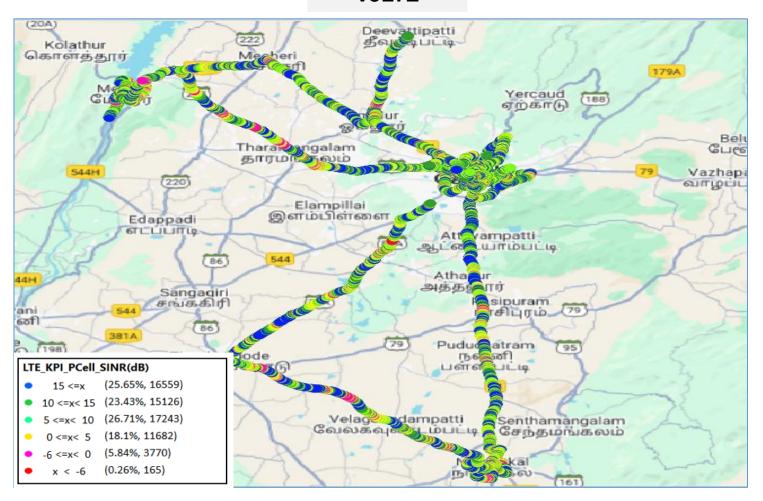
Overall SINR	# Samples	%
(Max, <=-14)	9007	98.48
(-14, <= Min)	139	1.52
Total	9146	100

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#### JIO

Technology	Rx Quality %
VoLTE	93.89

#### **VoLTE**



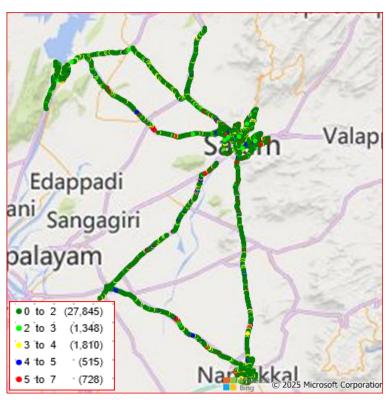
Overall SINR	# Samples	%
(Min, <=-6)	165	0.26
(-6, <=0)	3770	5.85
(0, <=5)	11682	18.10
(5, <=10)	17243	26.71
(10, <=15)	15126	23.43
(15, <=Max)	16559	25.65
Total	64545	100

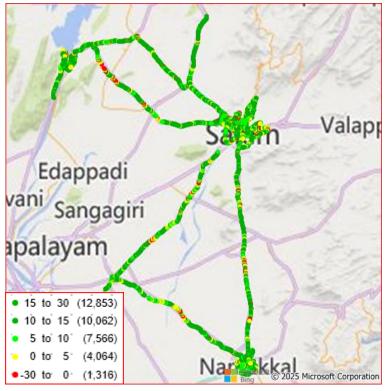
Quality Details Page 21 of 43

#### VIL

Technology	Rx Quality %
2G	97.74
VoLTE	96.33

2G VoLTE



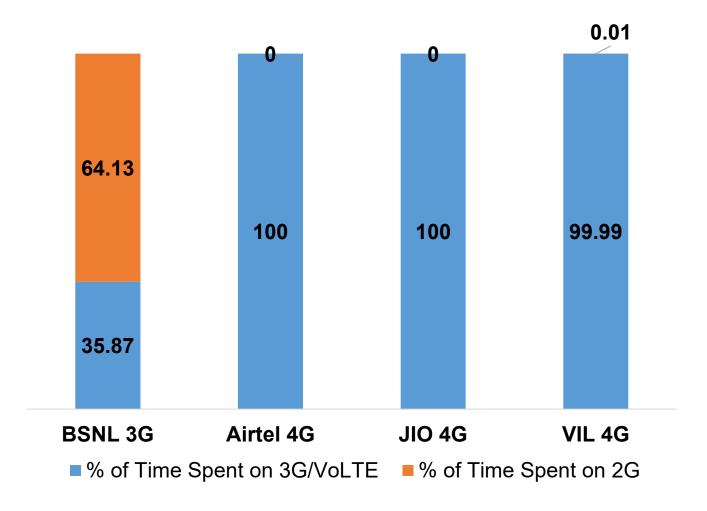


Overall Rx Quality	# Samples	%
(Min, <=2)	27845	86.35
(2, <=3)	1348	4.18
(3 , <=4)	1810	5.61
(4 , <=5)	515	1.60
(5 , <=Max)	728	2.26
Total	32246	100

Overall SINR	# Samples	%
(Min, <=0)	1316	3.67
(0, <=5)	4064	11.33
(5, <=10)	7566	21.10
(10, <=15)	10062	28.06
(15, <=Max)	12853	35.84
Total	35861	100

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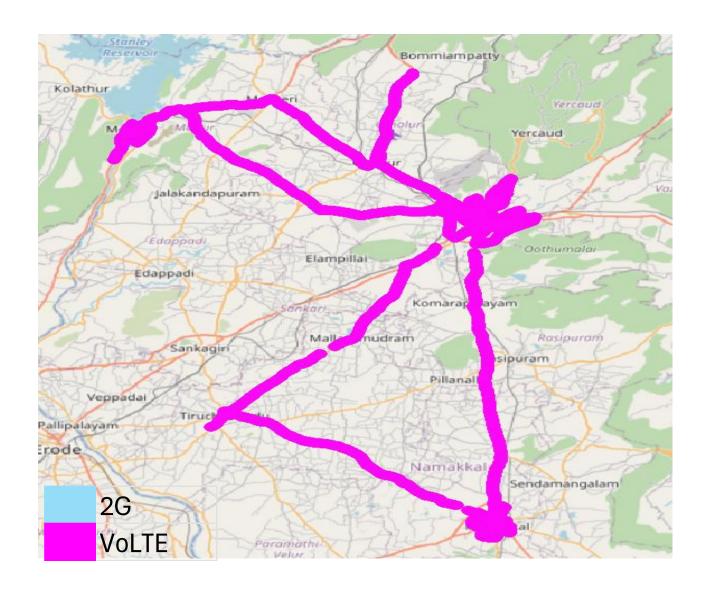
TSP	% of Time Spent on 3G/VoLTE
BSNL 3G	35.87
Airtel VoLTE	100
JIO VoLTE	100
VIL VoLTE	99.99



Technology Details Page 23 of 34

#### **Airtel**

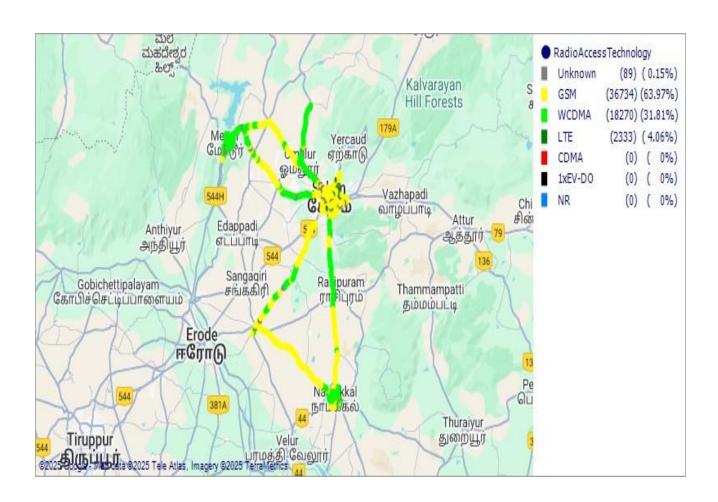
Technology	Time Spent %
VoLTE	100



Technology Details Page 24 of 34

#### **BSNL**

Technology	Time Spent on 3G
3G	35.87



Technology Details Page 25 of 34

#### JIO

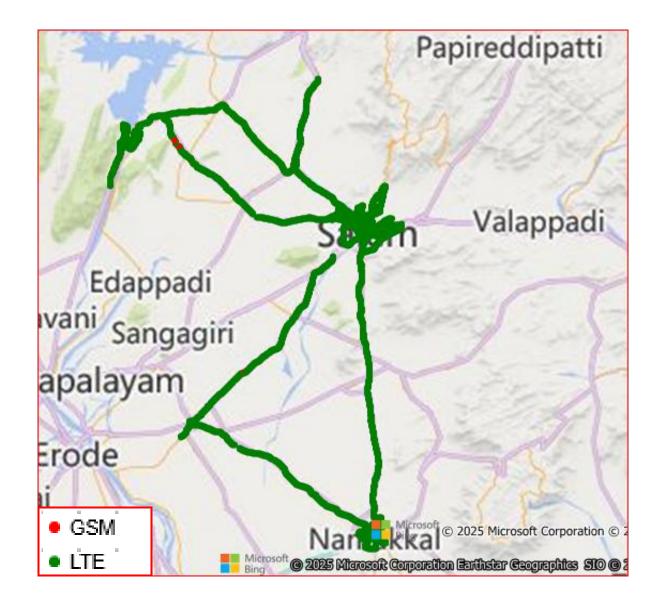
Technology	Time Spent %
VoLTE	100



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#### VIL

Technology	Time Spent %
VoLTE	99.99

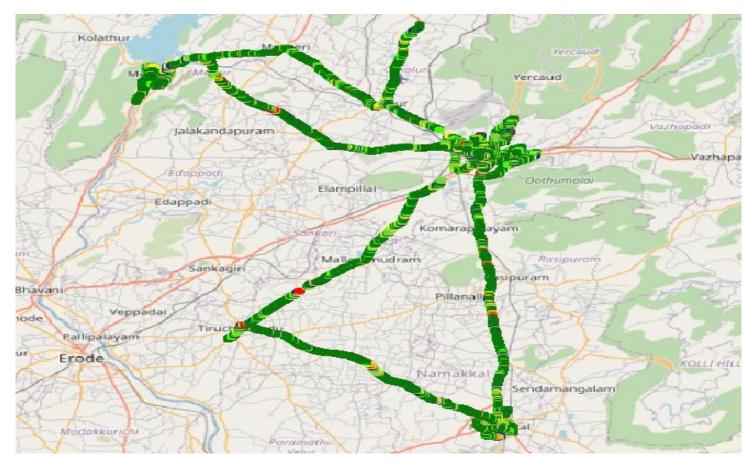


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#### IV. Dynamic Data Test-3G / 4G DL Details

#### **Airtel**

Data KPIs - Overall	4G
Download Throughput (Mbps)	32.14

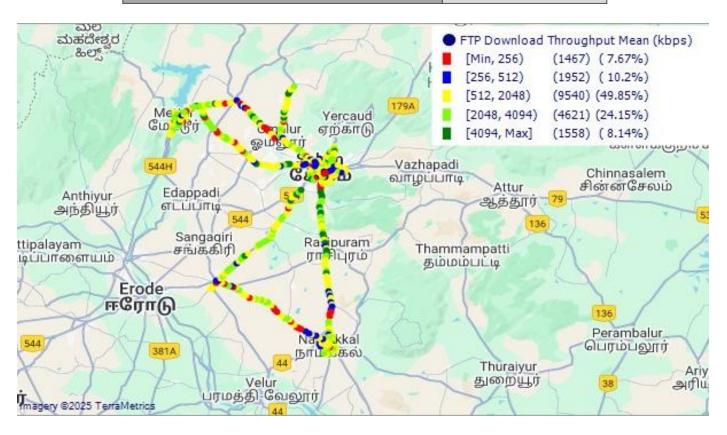


DL throughput	No of Sample	%
0 to 1 Mbps	14934	1.42
1 to 2 Mbps	18787	1.79
2 to 3 Mbps	41623	3.97
3 to 4 Mbps	34909	3.33
4 to 8 Mbps	124673	11.89
8 to 12 Mbps	103409	9.86
>12 Mbps	710341	67.74
Total	1048676	100

## IV. Dynamic Data Test-3G DL Details

#### **BSNL**

Data KPIs - Overall	3G
Download Throughput (Mbps)	1.84



DL throughput	No of Sample	%
0 to 256 Kbps	1467	07.66
256 to 512 Kbps	1952	10.20
512 to 2 Mbps	9540	49.85
2 to 4 Mbps	4621	24.15
>4 Mbps	1558	08.14
Total	19138	100

#### IV. Dynamic Data Test-3G / 4G DL Details

#### JIO

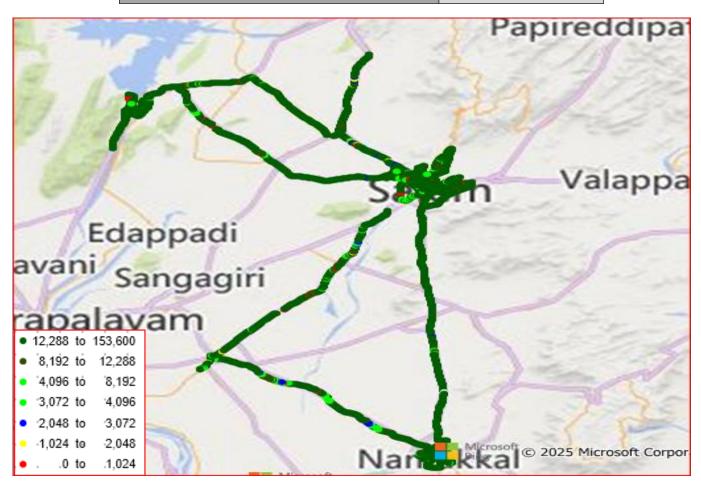
Data KPIs - Overall	4G
Download Throughput (Mbps)	28.57



DL Throughput	No of Sample	%
>12 Mbps	38588	73.3
8 to 12 Mbps	4121	7.8
4 to 8 Mbps	3600	6.8
3 to 4 Mbps	779	1.5
2 to 3 Mbps	715	1.4
1 to 2 Mbps	664	1.3
0 to 1 Mbps	4166	7.9
Total	52633	100

#### **VIL**

Data KPIs - Overall	4G
Download Throughput (Mbps)	47.77



DL throughput	No of Sample	%
0 to 1 Mbps	223	0.67
1 to 2 Mbps	113	0.34
2 to 3 Mbps	206	0.62
3 to 4 Mbps	166	0.50
4 to 8 Mbps	940	2.81
8 to 12 Mbps	1471	4.40
>12 Mbps	30281	90.66
Total	28612	100

#### V. TRAI MySpeed App

#### Airtel

Technology 5G	1. Namakkal Anjaneyar Temple	2. Mettur Bus Stand	3. Salem Periyar University	4. Thiruchengode Bus Stand
Download in Mbps	319.98	464.52	303.09	256.42
Upload in Mbps	63.41	91.75	77.09	92.07

Technology 5G	5. Salem Steel Plant	6. Salem New Bus Stand	7. Salem Railway Station	8. Salem Govt Arts College
Download in Mbps	250.06	277.23	540.48	287.33
Upload in Mbps	72.99	112.50	92.62	101.41

#### **BSNL**

Technology 3G	1. Namakkal Anjaneyar Temple	2. Mettur Bus Stand	3. Salem Periyar University	4. Thiruchengode Bus Stand
Download in Mbps	1.02	1.38	3.04	1.19
Upload in Mbps	1.59	1.24	1.76	1.61

Technology 3G	5. Salem Steel Plant	6. Salem New Bus Stand	7. Salem Railway Station	8. Salem Govt Arts College
Download in Mbps	1.49	3.04	3.41	5.68
Upload in Mbps	1.09	3.47	1.12	6.63

#### V. TRAI MySpeed App

#### JIO

Technology 5G	1. Namakkal Anjaneyar Temple	2. Mettur Bus Stand	3. Salem Periyar University	4. Thiruchengode Bus Stand
Download in Mbps	227.92	404.45	337.07	340.85
Upload in Mbps	46.15	83.17	65.19	72.09

Technology 5G	5. Salem Steel Plant		7. Salem Railway Station	8. Salem Govt Arts College
Download in Mbps	392.80	385.88	361.21	411
Upload in Mbps	67.36	74.35	78.11	89.02

#### VIL

Technology 4G	1. Namakkal Anjaneyar Temple	2. Mettur Bus Stand	3. Salem Periyar University	4. Thiruchengode Bus Stand
Download in Mbps	21.59	14.59	41.9	42.46
Upload in Mbps	12.05	9.56	23.79	10.65

Technology 4G	5. Salem Steel Plant	6. Salem New Bus Stand	7. Salem Railway Station	8. Salem Govt Arts College
Download in Mbps	56	44.4	54.88	53.77
Upload in Mbps	15.67	20.28	16.93	22.29

## VI. NH/SH Routes covered

N	NH/SH Routes covered in OADT by Airtel / BSNL / RJIL / VIL					
S.No	No of NH/SH routes	NH routes	SH routes	Distance (Km)		
1	Seelnaikkanpatti to Namakkal	NH 44	-	46		
2	Namakkal to Tiruchengode	-	SH 79	37		
3	Tiruchengode to Ariyanur	-	SH 86A	40		
4	Ariyanur-Uthamasolapuram	NH 544				
5	Steel Plant to Kunjandiyur	-	SH 223	33		
6	Mettur to Mecheri	NH 544	-	21		
7	Mecheri to Omalur	-	SH 222	16		
8	Omalur - Devattipatti	NH 44		17		
9	Devattipatti to Salem	NH 44	-	14		