

Drive Test Report

March 2017

Jammu

Methodology:

Drive test was conducted in Jammu City from 9:00 AM to 6 PM in third week of March 2017. The total drive test covered was approximately 90 kms . A total of ~1750 calls were made for Six 2G networks and Four 3G networks networks covering six operators .



1

City-Level
Performance

2

Area-Level
Performance

3

Analysis

4

Summary
and
Highlights

5

Appendix
I. Methodology
II. Benchmarking
KPIs
III. Coverage
IV. Receive (Rx)
Quality
V. City-Level
Ranking
VI. City-Level KPI

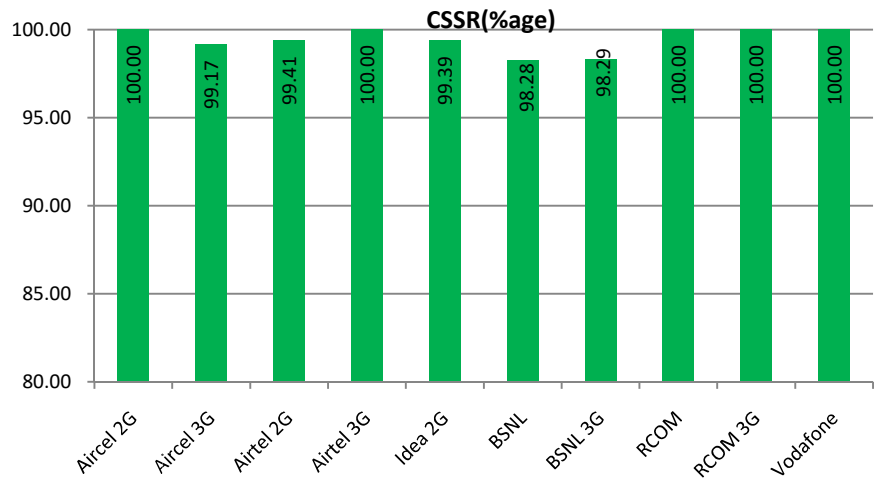
City-Level Details

Operator Performance against Key Performance Indicators :

1. Call Setup Success Rate, 2. Blocked Call Rate, 3. Call Drop Rate, 4. Rx Quality

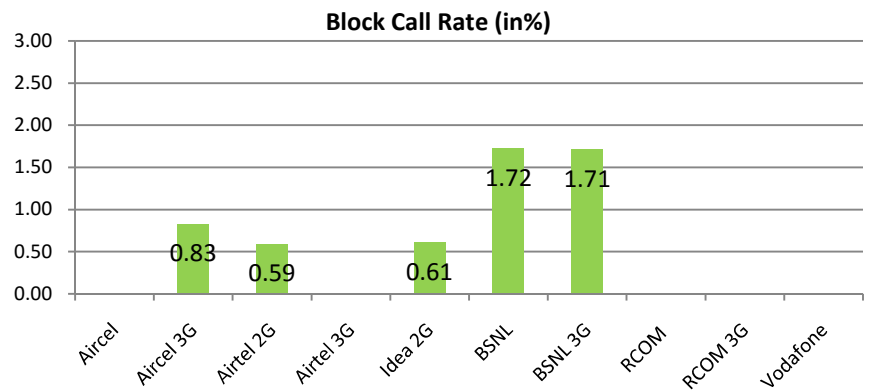
All operators have met the Call Setup Success Rate benchmark of $\geq 95\%$

Refer. Fig 1



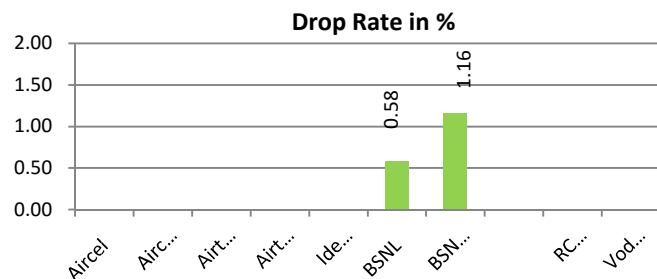
All operators have met the Blocked call Rate benchmark of $\leq 3\%$

Refer. Fig 2



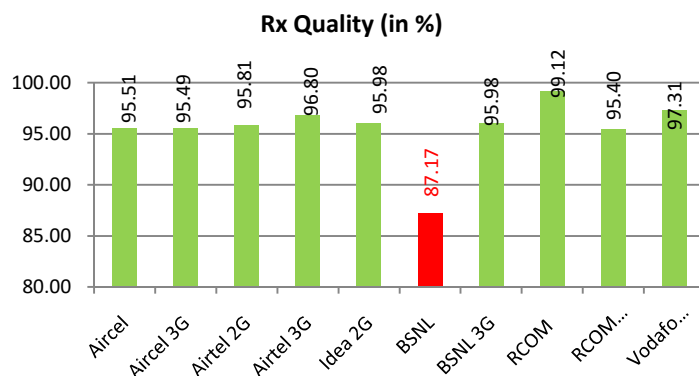
All operators have met the Call Drop Rate benchmark of $\leq 2\%$

Refer. Fig 3



BSNL 2G has not meet the Rx Quality benchmark of $\geq 95\%$. All other Operators have met it.

Refer. Fig 4



Legends Threshold for each KPI are considered as per TRAI guidelines
Current Drive: August 2016

Operator meeting the benchmark

Operator not meeting the benchmark

Abbreviation / Definition:

CSSR (benchmark $\geq 95\%$) :

BCR (benchmark $\leq 3\%$):

CDR (benchmark $\leq 2\%$):

Good RxQuality (benchmark $\geq 95\%$): 2G (RxQual ≤ 5), 3G (EcNo ≥ -15 dBm), CDMA (FER $\leq 4\%$)

Call Setup Success Rate

Blocked Call Rate

Call Drop Rate

Ancillary Details

City-Level KPI details

	Operators (Summary)									
Call Events	Aircel	Aircel 3G	Airtel 2G	Airtel 3G	Idea 2G	BSNL 2G	BSNL 3G	RCOM 2G	RCOM 3G	Vodafone
Call Attempt	146	121	169	164	163	174	175	152	140	165
Blocked Call Rate	0	0.83	0.59	0	0.61	1.72	1.71	0	0	0
CSSR (Accessibility)	100	99.17	99.41	100	99.39	98.28	98.29	100	100	100
Dropped Call Rate	0	0	0	0	0	0.58	1.16	0	0	0
Mobility HOSR	99.3	-	99.63	-	98.6	98.54	97.76	100	-	99.5
Rx Quality	95.51	95.49	95.81	96.8	95.98	87.17	95.98	99.12	95.4	97.31