Drive Test Report
January 2017
Jaisalmer

Methodology:

Drive test was conducted in Jaisalmer City ,Pokharan ,Ramgarh & surrounding areas from 9:00 AM to 5 PM from 7th to 9th February 2017. The total drive test covered was approximately 270 km over a period of 3 days. A total of ~2101 calls were made for Seven 2G networks, Three 3G networks and two CDMA networks covering eight operators .
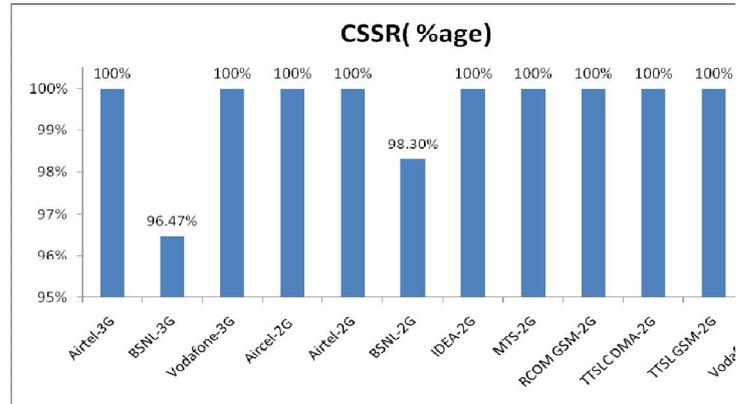
TRAI

City-Level Details

Operator Performance against Key Performance Indicators :
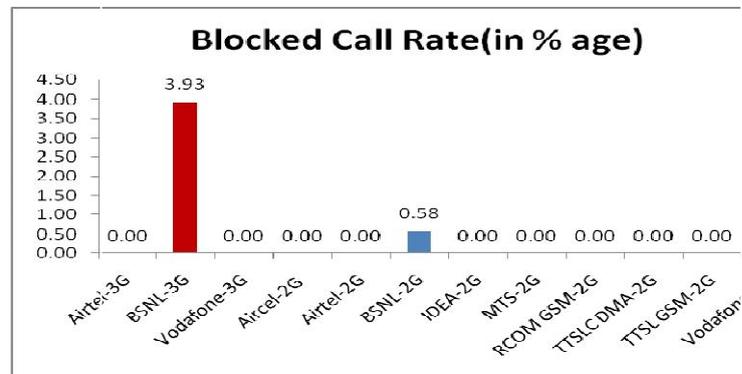1. Call Setup Success Rate, 2. Blocked Call Rate, 3. Call Drop Rate, 4. Rx Quality

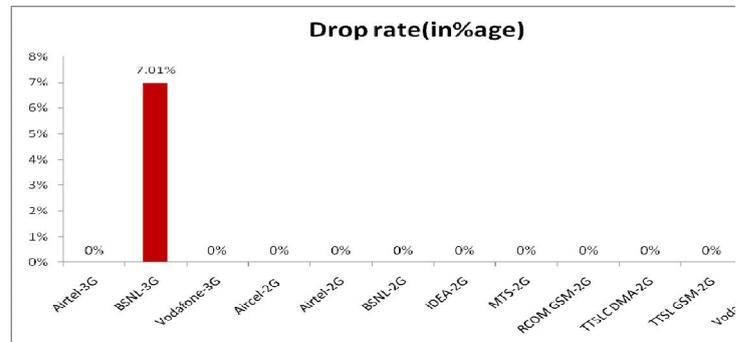**All operators have met the Call Setup Success Rate benchmark of >=95%**
Refer. Fig 1

CSSR(%age)

All operators except BSNL 3G have met the Blocked call Rate benchmark of <=3%
Refer. Fig 2

Blocked Call Rate(in % age)

BSNL 3G does not meet the Call Drop Rate benchmark of <=2%, All other operators meet it.
Refer. Fig 3

Drop rate(in%age)

All operators meet the Rx Quality benchmark of >=95% .
Refer. Fig 4

Rx Quality(%age)
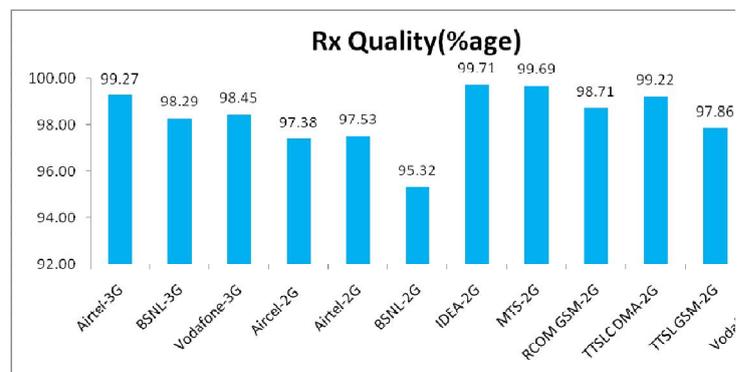
Legends Threshold for each KPI are considered as per TRAI guidelines

Current Drive: August 2016

Operator meeting the benchmark	Operator not meeting the benchmark

Abbreviation / Definition:
CSSR (benchmark > =95%) :   Call Setup Success Rate
BCR (benchmark <=3%):   Blocked Call Rate
CDR (benchmark <=2%):   Call Drop Rate
Good RxQuality (benchmark >=95%): 2G (RxQual <=5), 3G (EcNo >=-15dBm), CDMA (FER <=4%)

Ancillary Details

City-Level KPI details

Call Events	Airtel-3G	BSNL-3G	Vodafone-3G	Aircel-2G	Airtel-2G	BSNL-2G	IDEA-2G	MTS-2G	RCOM GSM-2G	TTSLC DMA-2G	TTSL GSM-2G	Vodafone-2G
						Operators (Summary)						
Call Attempt	196	178	191	136	227	173	137	124	97	142	153	219
Blocked Call Rate (in%)	0.00	3.93	0.00	0.00	0.00	0.58	0.00	0.00	0.00	0.00	0.00	0.00
CSSR (in %)	100.00	96.47	100	100	100	98.3	100	100	100	100	100	100
Dropped Call Rate (in %)	0	7.01	0	0	0	0	0	0	0	0	0	0
Mobility HOSR	NA	100	100	100	100	81.78	100	100	100	100	100	100
Rx Quality	99.27	98.29	98.45	97.38	97.53	95.32	99.71	99.69	98.71	99.22	97.86	97.96

City-Level KPI details