

Information note to the Press

For Immediate Release

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Telecom Regulatory Authority of India

TRAI Releases Report on Independent Drive Test conducted in the city of Trivandrum
from 1st to 3rd June 2016

New Delhi 15th July, 2016: TRAI conducts Audit and assessment of Quality of Service being provided by service providers through independent agencies for Cellular Mobile Telephone Service, Basic Service and Broadband Services.

As a part of this audit, the Audit Agency M/s CS Datamation has carried out Independent Drive Test for Cellular Mobile Telephone services in the city of Trivandrum from 1st to 3rd June 2016 covering various locations in the city. The performance of Aircel, Airtel, BSNL, Idea, MTS, Reliance, Tata and Vodafone has been measured across various technologies (2G, 3G and CDMA). The drive test was conducted over a distance of 350 k.m. The test results obtained from these drive tests were used to assess the network condition more specifically in terms of Radio Frequency (RF) Coverage; Rx Quality; Call Setup Success Rate; Call Drop; Voice Quality; Blocked calls; and Carrier to Interference ratio. The summary of the Service Provider's performance on the key parameters based on Independent Drive Test is given here under:-

Call Events	Operators (Summary)																
	AIRTEL		AIRCEL		IDEA		VODAFONE		RCOM		BSNL		DoCoMo		MTS	Reliance	TATA
	2G	3G	2G	3G	2G	3G	2G	3G	2G	3G	2G	3G	2G	3G	CDMA	CDMA	CDMA
Call Attempt (June-16)	500	410	355	511	449	508	449	489	498	434	481	418	478	495	455		
Blocked Call Rate (June-16)	0.60%	2.93%	2.54%	0.78%	2.45%	0.00%	0.45%	0.82%	0.20%	0.92%	1.46%	3.35%	0.42%	0.00%	0.22%		
CSSR (Accessibility) (June-16)	99.40%	97.07%	97.46%	99.22%	97.55%	100.00%	99.55%	99.18%	99.80%	99.08%	98.54%	96.65%	99.58%	100.00%	99.78%		
Dropped Call Rate (June-16)	2.82%	2.26%	2.60%	0.39%	0.91%	0.00%	0.89%	0.41%	1.81%	1.63%	3.80%	1.98%	1.26%	0.40%	0.00%		
Mobility HOSR (June-16)	100.00%	98.17%	99.85%	99.57%	100.00%	99.49%	100.00%	99.86%	98.90%	99.59%	99.85%	100.00%	99.90%	100.00%	100.00%		
Rx Quality (June-16)	96.10%	93.13%	98.62%	96.03%	98.28%	97.80%	99.11%	95.61%	95.95%	95.94%	95.03%	99.71%	95.78%	98.95%	97.04%		

2. The salient findings of the independent drive test are as under:-

- All the operators have met the Call Setup Success Rate benchmark of $\geq 95\%$.
- All the operators have met the Blocked Call Rate benchmark of 3% except DoCoMo 3G.
- All the operators have met the Call Drop Rate benchmark of $\leq 2\%$ except Airtel 2G, Aircel 2G & 3G and Tata DoCoMo 2G.
- All the operators have met the Rx Quality Rate benchmark of $\geq 95\%$ except Aircel 2G.

The detailed Report is available at TRAI website www.trai.gov.in. A portal with visualization of the report along with the comparison of the performance can also be accessed through TRAI website.

3. In case of any clarification, please contact, Shri A Robert.J.Ravi Advisor (QoS &IT) at Tel. No. 23230404 or at email.id: advqos@trai.gov.in


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