

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 Lucknow
on 18th & 19th May 2016**

New Delhi 27th June, 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 Phistream Consulting Pvt. Limited has carried out Independent Drive Test for Cellular Mobile Telephone services in the city of Lucknow, from 18th & 19th May, 2016 covering various locations in the city. The performance of Airtel, Aircel, Idea, Vodafone, Reliance, BSNL, Telenor and TATA and has been measured across various technologies (2G, 3G and CDMA). The drive test was conducted over a distance of 200 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		Telenor	DoCoMo	Reliance
	2G	3G	2G	3G	2G	3G	2G	3G	2G	2G	3G	2G	2G	CDMA	
Call Attempt (May-16)	307	288	305	273	305	267	303	279	291	305	271	301	306	315	
Blocked Call Rate (May-16)	0.33%	1.04%	0.00%	1.10%	0.00%	0.37%	0.99%	0.72%	0.34%	0.66%	0.37%	0.66%	0.33%	0.95%	
CSSR (Accessibility) (May-16)	99.67%	98.96%	100.00%	98.90%	100.00%	99.63	99.01%	99.28%	99.66%	99.34%	99.63%	99.34%	99.67%	99.05	
Dropped Call Rate (May-16)	1.63%	1.75%	0.66%	1.48%	0.98%	0.75%	0.00%	1.44%	1.38%	3.63%	0.37%	1.34%	0.33%	2.88%	
Mobility HOSR (May-16)	98.20%	99.98%	98.65%	100.00%	98.87%	99.96%	97.93%	100.00%	99.69%	97.60%	99.93%	93.62%	99.17%	100.00 %	
Rx Quality (May-16)	91.60%	97.92%	96.71%	98.17%	94.76%	98.85%	96.43%	97.31%	91.34%	91.11%	98.13%	91.08%	90.85%	82.26%	

2. The salient findings of the independent drive test are as under:-
- All operators have met the Call Setup Success Rate benchmark of $\geq 95\%$.
 - All the operators have met the Blocked Call Rate benchmark of 3%.
 - Majority of the operators are meeting the Call Drop Rate benchmark of $\leq 2\%$ except BSNL 2G and Reliance CDMA.
 - Most of the operators are not meeting Rx Quality benchmark of $\geq 95\%$ except Airtel 3G, Aircel 2G&3G, Idea 3G, Vodafone 2G&3G and BSNL 3G.

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

(Sudhir Gupta)
Secretary, TRAI