

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 Amritsar from 18th to 19th of August 2016.

New Delhi 8th November, 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 has carried out Independent Drive Test for Cellular Mobile Telephone services in the city of Amritsar in Punjab service area, from 18th to 19th August 2016 covering various locations in the city. The performance of Aircel, Airtel, BSNL, Idea, Reliance, Tata, Videocon and Vodafone has been measured across various technologies (2G, 3G and CDMA). The drive test was conducted over a distance of 300 k.m. of the city. 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)												
	Aircel		Airtel		BSNL		Idea		Reliance		Videocon	Vodafone	Tata
	2G	3G	2G	3G	2G	3G	2G	3G	2G	3G	2G	2G	CDMA
Call Attempt (Aug-16)	253	251	219	255	234	237	201	242	205	245	254	247	
Blocked Call Rate (Aug-16)	0.00%	0.40%	0.46%	0.39%	1.71%	0.84%	0.00%	0.00%	0.98%	2.04%	0.39%	2.43%	
CSSR (Accessibility) (Aug-16)	100.00%	99.60%	99.54%	99.61%	98.29%	99.16%	100.00%	100.00%	99.02%	97.96%	99.61%	97.57%	
Dropped Call Rate (Aug-16)	0.40%	1.20%	0.92%	1.57%	18.26%	0.83%	0.00%	0.41%	0.49%	1.25%	0.00%	0.41%	
Mobility HOSR (Aug-16)	98.35%	98.92%	100.00%	99.25%	99.56%	99.26%	100.00%	100.00%	100.00%	97.77%	99.50%	100.00%	
Rx Quality (Aug-16)	93.65%	96.81%	99.74%	96.46%	98.63%	92.66%	98.14%	97.60%	99.25%	90.41%	97.65%	95.59%	

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

- All the operators have met the Call Setup Success Rate benchmark of 95%.
- All the operators have met the Blocked Call Rate benchmark of 3%.
- All operators are meeting the Call Drop Rate benchmark of 2% except BSNL 3G.
- Most of the operators are meeting Rx Quality benchmark of 95% except few 2G operators viz. Aircel 2G, Idea 2G and Videocon 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. Asit Kadayan Advisor (QoS) at Tel. No. 23230404 or at email.id: advqos@trai.gov.in


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