

Information note to the Press

For Immediate Release

Information note to the Press (Press Release No. 48/2016)

Telecom Regulatory Authority of India

TRAI Releases Report on Independent Drive Test conducted in the city of Chandigarh 11th to 13th May 2016.

New Delhi 17th 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 has carried out Independent Drive Test for Cellular Mobile Telephone services in the city of Chandigarh, from 11th to 13th May, 2016 covering various locations in the city. The performance of Aircel 2G & 3G, Airtel 2G, Idea2G & 3G, Vodafone2G, Reliance 2G & CDMA, BSNL2G & 3G and TATA DoCoMo2G has been measured across various technologies (2G, 3G and CDMA). The drive test was conducted over a distance of 300 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		Videocon		DoCoMo		Reliance	
	2G	3G	2G	3G	2G	3G	2G	3G	2G	3G	2G	3G	2G	3G	2G	3G	2G	3G
Call Attempt (May-16)	361	347	329	361	333	350	350	362	334	353	367	365						
Blocked Call Rate (May-16)	0.28%	1.15%	1.52%	0.55%	4.20%	0.00%	0.29%	0.55%	2.40%	1.70%	0.54%	1.64%						
CSSR (Accessibility) (May-16)	99.72%	98.85%	98.48%	99.45%	95.80%	100.00%	99.71%	99.45%	97.60%	98.30%	99.46%	98.36%						
Dropped Call Rate (May-16)	4.17%	1.17%	1.23%	0.56%	1.88%	1.43%	0.29%	1.94%	3.37%	3.46%	0.55%	1.95%						
Mobility HOSR (May-16)	98.28%	98.85%	95.01%	98.86%	99.98%	99.26%	99.59%	98.82%	99.68%	98.03%	96.43%	100.00%						
Rx Quality (May-16)	92.47%	91.80%	94.65%	94.56%	97.41%	96.26%	95.12%	96.00%	99.56%	88.18%	91.80%	89.91%						

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

- All operators have met the Call Setup Success Rate benchmark of $\geq 95\%$.
- Most of the operators have met the Call Block Rate benchmark of 3% except Idea 3G Network.
- Most of the operators are meeting the Call Drop Rate benchmark of $\leq 2\%$ except Airtel 2G, Videocon 2G and BSNL 3G.
- Most of the operators have failed to meet the Rx Quality benchmark of $\geq 95\%$ except BSNL2G & 3G, R Com 2G, Vodafone 2G and Idea 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

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