

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 Ranchi from 1<sup>st</sup> to 3<sup>rd</sup> June 2016

**New Delhi 6<sup>th</sup> 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 IMRB International has carried out Independent Drive Test for Cellular Mobile Telephone services in the city of Ranchi from 1<sup>st</sup> to 3<sup>rd</sup> June 2016 covering various locations in the city. The performance of Aircel, Airtel, BSNL, Idea, Reliance, TATA, Telenor and Vodafone has been measured across various technologies (2G, 3G and CDMA). The drive test was conducted over a distance of 320 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)													
	Aircel		Airtel		BSNL		IDEA		RCOM		TATA		Telenor	Vodafone
	2G	3G	2G	3G	2G	3G	2G	3G	CDMA	2G	CDMA	2G	2G	
Call Attempt (June-16)	430	396	389	331	373	321	406	288	404	407	422	468	403	
Blocked Call Rate (June-16)	10.47%	4.80%	6.17%	5.44%	6.43%	5.30%	2.71%	3.13%	0.50%	4.18%	2.37%	9.40%	1.49%	
CSSR (Accessibility) (June-16)	89.53%	95.20%	93.83%	94.56%	93.57%	94.70%	97.29%	96.88%	99.50%	95.82%	97.63%	90.60%	98.51%	
Dropped Call Rate (June-16)	4.16%	7.96%	5.21%	7.35%	14.04%	17.11%	2.78%	5.02%	16.42%	5.38%	13.59%	1.65%	3.27%	
Mobility HOSR (June-16)	94.56%	99.59%	94.54%	99.90%	97.14%	99.70%	91.92%	100.00%	100.00%	95.77%	100.00%	91.98%	94.21%	
Rx Quality (June-16)	92.13%	94.12%	89.26%	95.48%	83.40%	96.18%	92.13%	90.24%	82.64%	90.54%	84.89%	86.94%	92.33%	

2. The salient findings of the independent drive test are as under:-
- Most of the operators met the Call Setup Success Rate benchmark of  $\geq 95\%$  except Aircel 2G, Airtel 2G & 3G, BSNL 2G & 3G and Telenor 2G.
  - Most of the operators failed to meet the Blocked Call Rate benchmark of 3% except Idea 2G, Tata CDMA and Vodafone 2G.
  - Most of the operators failed to meet the Call Drop Rate benchmark of  $\leq 2\%$  except Telenor 2G.
  - Most of operators failed to meet the Rx Quality Rate benchmark of  $\geq 95\%$  except Airtel 3G and BSNL 3G.

The detailed Report is available at TRAI website [www.traigov.in](http://www.traigov.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@traigov.in](mailto:advqos@traigov.in)

(Sudhir Gupta)  
Secretary, TRAI