

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 Ahmedabad from 18<sup>th</sup> to 20<sup>th</sup> May 2016.

**New Delhi 27<sup>th</sup> 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 IMRB International has carried out Independent Drive Test for Cellular Mobile Telephone services in the city of Ahmedabad, from 18<sup>th</sup> to 20<sup>th</sup> May, 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 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)													
	Aircel		Airtel		BSNL		IDEA		RCOM		TATA	Telenor	Vodafone	
	2G	2G	3G	2G	3G	2G	3G	2G	CDMA	3G	2G	2G	3G	
Call Attempt (May-16)	514	496	431	515	373	453	439	476	494	384	523	465	435	
Blocked Call Rate (May-16)	4.28%	2.42%	0.70%	3.50%	4.83%	2.87%	2.05%	3.57%	9.31%	2.86%	2.29%	3.44%	2.07%	
CSSR (Accessibility) (May-16)	95.72%	97.58%	99.30%	96.50%	95.17%	97.13%	97.95%	96.43%	90.69%	97.14%	97.71%	96.56%	97.93%	
Dropped Call Rate (May-16)	4.47%	1.86%	2.34%	5.63%	15.21%	11.36%	11.40%	3.27%	7.37%	3.49%	3.91%	2.45%	3.05%	
Mobility HOSR (May-16)	89.66%	96.34%	99.93%	97.07%	99.82%	90.14%	99.67%	97.97%	100.00%	100.00%	90.63%	95.23%	100.00%	
Rx Quality (May-16)	91.27%	96.05%	98.50%	90.86%	94.58%	87.86%	96.33%	92.40%	88.90%	93.97%	91.64%	90.45%	97.98%	

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

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

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