

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 Delhi Service area from 3rd to 6th May 2016.

New Delhi 1st June, 2016: TRAI conducts Audit and assessment of Quality of Service being provided by the telecom 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 Delhi Service Area from 3rd to 6th May, 2016 covering various locations in Delhi. The performance of Airtel, Aircel, Idea, Vodafone, RCom, MTNL, TATA and MTS has been monitored across various technologies (2G, 3G and CDMA) and the drive test route has covered a distance of approximately 600 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:-



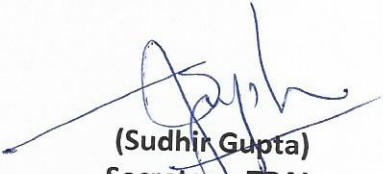
Call Events	Operators (Summary)														
	AIRTEL		AIRCEL		IDEA		VODAFONE		RCOM		MTNL		Reliance	TTSL	MTS
	2G	3G	2G	2G	3G	2G	3G	2G	3G	2G	3G	CDMA	CDMA	CDMA	
Call Attempt (Sep-15)	566	-	459	548	-	576	-	515	-	-	-	-	613	-	
Call Attempt (Jan-16)	1002	905	959	1022	841	1017	824	1010	853	1205	871	1172	1167	1248	
Call Attempt (May-16)	857	783	876	886	830	897	930	861	806	858	782	996	967	956	
Blocked Call Rate (Sep-15)	3.5%	-	5.5%	3.7%	-	2.6%	-	4.1%	-	-	-	-	2.3%	-	
Blocked Call Rate (Jan-16)	0.6%	2.0%	0.8%	0.4%	1.5%	0.9%	2.2%	3.1%	7.0%	24.8%	23.7%	1.1%	2.7%	2.2%	
Blocked Call Rate (May-16)	0.9%	1.7%	1.0%	0.8%	1.0%	0.9%	1.1%	3.0%	4.0%	2.3%	7.7%	1.0%	1.1%	0.9%	
CSSR (Accessibility) (Sep-15)	96.5%	-	94.6%	96.4%	-	97.4%	-	95.9%	-	-	-	-	97.7%	-	
CSSR (Accessibility) (Jan-16)	99.4%	98.0%	99.2%	99.6%	98.5%	99.1%	97.8%	96.9%	93.0%	75.2%	76.3%	98.9%	97.3%	97.8%	
CSSR (Accessibility) (May-16)	99.1%	98.3%	99.0%	99.2%	99.0%	99.1%	98.9%	97.0%	96.0%	97.7%	92.3%	99.1%	98.9%	99.1%	
Dropped Call Rate (Sep-15)	6.6%	-	9.1%	0.9%	-	4.7%	-	1.8%	-	-	-	-	1.5%	-	
Dropped Call Rate (Jan-16)	1.4%	1.6%	2.6%	2.1%	1.7%	3.9%	1.4%	3.0%	4.5%	9.5%	6.9%	4.1%	5.0%	3.3%	
Dropped Call Rate (May-16)	3.3%	2.2%	2.0%	0.9%	6.2%	2.8%	1.4%	1.4%	5.2%	10.4%	8.2%	5.8%	3.3%	2.4%	
Mobility HOSR (Sep-15)	96.7%	-	96.9%	98.8%	-	98.6%	-	99.0%	-	-	-	-	100.0%	-	
Mobility HOSR (Jan-16)	98.5%	96.1%	98.7%	98.6%	99.8%	97.0%	97.8%	98.1%	99.8%	83.1%	99.1%	100.0%	100.0%	100.0%	
Mobility HOSR (May-16)	97.8%	99.99%	97.4%	98.8%	99.99%	98.9%	100.0%	98.9%	99.99%	79.5%	99.9%	100.0%	100.0%	100.0%	
Rx Quality (Sep-15)	87.6%	-	89.1%	94.3%	-	92.9%	-	88.5%	-	-	-	-	98.6%	-	
Rx Quality (Jan-16)	93.0%	94.9%	92.8%	95.3%	90.0%	94.9%	88.5%	89.4%	95.0%	93.6%	97.8%	84.3%	91.4%	87.9%	
Rx Quality (May-16)	92.7%	93.8%	88.1%	97.1%	98.2%	95.7%	91.4%	90.8%	97.9%	94.2%	98.6%	78.4%	88.8%	85.8%	

Operators not meeting benchmark

- The salient findings of the independent drive test is as under:-
 - Most of the operators except MTNL 3G are meeting the bench mark for Call Setup Success Rate.
 - In case of Call Drop Rate most of the operators except Reliance 2G and Vodafone 3G are not meeting the threshold of the bench mark.
 - In case of Rx Quality Aircel 2G, Airtel 3G and all CDMA operators are not meeting the threshold of the bench mark.

The detailed Report is available at TRAI website www.traigov.in. A portal with visualization of the report along with the comparison of the performance can also be accessed through TRAI website.

- 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


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