Drive Test Report
March 2017
Jamshedpur, Jharkhand

Key performance indicators all the operators: Most of the operators met the Call Drop Rate (CDR) benchmark of <=2%
Call Setup Success Rate (CSSR) Bench Mark of >=95%, Voice Quality Benchmark of >=95%

Methodology:
Drive test was conducted in City Jamshedpur, Jharkhand & surrounding areas from 8:00 AM to 8.00 PM on 23rd March 2017 and 8.00 AM to 4.00 PM on 24th March 2017. The total drive test covered was approximately 242 km over a period of 2 days. A total of ~3506 calls were made for Eight 2G networks, Four 3G networks and one CDMA networks operators.
City-Level Details

Operator Performance against Key Performance Indicators:
1. Call Setup Success Rate, 2. Blocked Call Rate, 3. Call Drop Rate, 4. Rx Quality

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**Click on the diagrams to see in full resolution.**

**Figure 1: Call Setup Success Rate**
Most of the operators have met the Call Setup Success Rate benchmark of >=95% except RTL 2G & 3G & TTSL GSM Services.

**Figure 2: Blocked Call Rate**
Most of the operators have met the Blocked Call Rate benchmark of <=3% except RTL 2G & 3G, TATA 2G services.

**Figure 3: Call Drop Rate**
Most of the operators met the Call Drop Rate benchmark of <=2%, except RTL 2G.

**Figure 4: Rx Quality**
Most of the operators met the Rx Quality benchmark of >=95%, except AIRCEL 2G, BSNL 3G, RTL 2G, TATA 2G & TELENOR 2G Services.

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**Legend**

- **Operator meeting the benchmark**
- **Operator not meeting the benchmark**

**Abbreviation / Definition:**
- **CSSR (benchmark >=95%)**: Call Setup Success Rate
- **BCR (benchmark <=3%)**: Blocked Call Rate
- **CDR (benchmark <=2%)**: Call Drop Rate
- **Good Rx Quality (benchmark >=95%)**: 2G (EcNo >=-15dBm), 3G (EcNo >=-15dBm), CDMA (FER <=4%)
<table>
<thead>
<tr>
<th>Call Events</th>
<th>OPERATORS ( SUMMARY)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Aircel 2G</td>
</tr>
<tr>
<td>CALL ATTEMPT ( MAR-17)</td>
<td>277</td>
</tr>
<tr>
<td>BLOCKED CALL RATE (MAR-17)</td>
<td>0.00%</td>
</tr>
<tr>
<td>CSSR (ASSESIBILITY) (MAR-17)</td>
<td>99.64%</td>
</tr>
<tr>
<td>DROPPED CALL RATE (MAR-17)</td>
<td>0.36%</td>
</tr>
<tr>
<td>MOBILITY HOSR (MAR-17)</td>
<td>98.98%</td>
</tr>
<tr>
<td>RX-QUALITY (MAR-17)</td>
<td>93.62%</td>
</tr>
</tbody>
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Operator meeting benchmark    Operator not meeting benchmark    Data not available