Drive Test Report
February 2017
Guwahati

Key performance indicators for most of the operators: Most of the operators met the Call Dropped Rate (CDR) benchmark of $\leq 2\%$, the Call Setup Success Rate (CSSR) benchmark of $\geq 95\%$, Voice quality benchmark of $\geq 95\%$.

Methodology:
Drive test was conducted in City Guwahati-Dispur & surrounding areas from 10:00 AM to 6:00PM from 20th to 22nd of February 2017. The total drive test covered was approximately 280 km over a period of 3 days. A total of 4402 calls were made for five 2G networks, six 3G networks and eleven 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

Most of the operators have met the Call Setup Success Rate benchmark of >=95% except BSNL 3G.
Refer. Fig 1

Most of the operators have met the Blocked call Rate benchmark of <=3% except BSNL 3G.
Refer. Fig 2

Most of the operators met the Call Drop Rate benchmark of <=2%, except BSNL 2G & BSNL 3G.
Refer. Fig 3

Most of the operators met the Rx Quality benchmark of >=95%, except BSNL 2G.
Refer. Fig 4

**Legends**
Threshold for each KPI are considered as per TRAI guidelines

**Abbreviation / Definition:**
- CSSR (benchmark >=95%): Call Setup Success Rate
- BCR (benchmark <=3%): Blocked Call Rate
- CDR (benchmark <=2%): Call Drop Rate
- Good RxQuality (benchmark >=95%): 2G (RxQual <=5), 3G (EcNo >=-15dBm), CDMA (FER <=4%)

**Current Drive:** August 2016
## Ancillary Details

### 6. City-Level KPI details

<table>
<thead>
<tr>
<th>Call Events</th>
<th>Operators (Summary)</th>
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<tbody>
<tr>
<td></td>
<td>Aircel</td>
</tr>
<tr>
<td></td>
<td>2G</td>
</tr>
<tr>
<td>Call Attempt (Feb-17)</td>
<td>452</td>
</tr>
<tr>
<td>Blocked Call Rate (Feb-17)</td>
<td>1.11%</td>
</tr>
<tr>
<td>CSSR (Accessibility) (Feb-17)</td>
<td>98.89%</td>
</tr>
<tr>
<td>Dropped Call Rate (Feb-17)</td>
<td>0.22%</td>
</tr>
<tr>
<td>Mobility HOSR (Feb-17)</td>
<td>98.97%</td>
</tr>
<tr>
<td>Rx Quality (Feb-17)</td>
<td>96.63%</td>
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Operator meeting the benchmark  Operator not meeting the benchmark

Data not Available