Methodology:
Drive test was conducted in Noida City & surrounding areas from 9:00 AM to 5 PM from 1st to 2nd March 2017. The total drive test covered was approximately 180 km over a period of 2 days. A total of ~3533 calls were made for Five 2G networks, Four 3G networks and two CDMA networks covering seven 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

All operators except MTNL have met the Call Setup Success Rate benchmark of >=95%
Refer. Fig 1

All operators except Aircel and MTNL have met the Blocked call Rate benchmark of <=3%
Refer. Fig 2

All operators except MTNL 2G have met the Call Drop Rate benchmark of <=2% .
Refer. Fig 3

Aircel, Idea 3G, MTNL, vodafone and RCOM have not meet the Rx Quality benchmark of >=95% .All other Operators have met it.
Refer. Fig 4

Legends
Threshold for each KPI are considered as per TRAI guidelines
Current Drive: August 2016

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 RxQuality (benchmark >=95%): 2G (RxQual <=5), 3G (EcNo >=-15dBm), CDMA (FER <=4%)
## Ancillary Details

### City-Level KPI details

#### Operators (Summary)

<table>
<thead>
<tr>
<th>Call Events</th>
<th>Aircel</th>
<th>Airtel 2G</th>
<th>Airtel 3G</th>
<th>Idea 2G</th>
<th>Idea 3G</th>
<th>MTNL 2G</th>
<th>MTNL 3G</th>
<th>MTS</th>
<th>RCOM 2G</th>
<th>RCOM 3G</th>
<th>TATA</th>
<th>Vodafone</th>
</tr>
</thead>
<tbody>
<tr>
<td>Call Attempt</td>
<td>346</td>
<td>322</td>
<td>288</td>
<td>299</td>
<td>260</td>
<td>243</td>
<td>285</td>
<td>370</td>
<td>299</td>
<td>260</td>
<td>348</td>
<td>213</td>
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<tr>
<td>Blocked Call Rate</td>
<td>3.18</td>
<td>0</td>
<td>1.04</td>
<td>0</td>
<td>27</td>
<td>8</td>
<td>1.08</td>
<td>1.3</td>
<td>0.77</td>
<td>1.45</td>
<td>1.8</td>
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<tr>
<td>CSSR (Accessibility)</td>
<td>97</td>
<td>100</td>
<td>99</td>
<td>100</td>
<td>100</td>
<td>74.89</td>
<td>87.36</td>
<td>98.92</td>
<td>95.6</td>
<td>99</td>
<td>99</td>
<td>98.12</td>
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<tr>
<td>Dropped Call Rate</td>
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<td>15.38</td>
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<td>0</td>
<td>0</td>
<td>0.96</td>
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<td>Mobility HOSR</td>
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<td>99.53</td>
<td>99.47</td>
<td>56.9</td>
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<td>100</td>
<td>98.4</td>
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<td>100</td>
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<tr>
<td>Rx Quality</td>
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<td>99.38</td>
<td>95.88</td>
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<td>91</td>
<td>96.11</td>
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<td>98.07</td>
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