**Cluster Acceptance Report**

 

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Optimization Cluster No.: | | 0,1 | Clutter Type: | | 0,3 |
| No. of Sites: | | 1,1 | 1,3 |
| City: | | 2,1 | Area: | | 2,3 |
| DT Period (Day) | Start: | 3,2 | DT Period(Time) | Start: | 3,5 |
| End: | 4,2 | End: | 4,5 |
| Produced by: | | 5,1 | Date: | | 5,3 |
| Approved by: | | 6,1 | Date: | | 6,3 |

**5 Drive Test Definition**

**5.1 Drive Test devices**

The followings are the general tools configuration of the drive test.

|  |  |
| --- | --- |
| Index | Software |
| 2 | 1,1 |
| Index | 2,1 |
| 2 | 3,1 |
| Index | 4,1 |
| 2 | 5,1 |
| 2 | 6,1 |
| 3 | 7,1 |
| 4 | 8,1 |

6.1.4.3 Table of legend vs. # of samples in each legend vs. percentage of

samples of each legend

|  |  |  |
| --- | --- | --- |
| Legend | Number of samples | Percentage of samples |
| (Min, -120) | 1,1 | 1,2 |
| (-120, -110) | 2,1 | 2,2 |
| (-110, -100) | 3,1 | 3,2 |
| (-100, -95) | 4,1 | 4,2 |
| (-95, -90) | 5,1 | 5,2 |
| (-90, -80) | 6,1 | 6,2 |
| (-80, -70) | 7,1 | 7,2 |
| (-70, -60) | 8,1 | 8,2 |
| (-60, Max) | 9,1 | 9,2 |

6.1.5.3 Table of legend vs. # of samples in each legend vs. percentage of

samples of each legend

|  |  |  |
| --- | --- | --- |
| Legend | Number of samples | Percentage of samples |
| (Min, -5) | 1,1 | 1,2 |
| (-5, 0) | 2,1 | 2,2 |
| (0, 5) | 3,1 | 3,2 |
| (5, 10) | 4,1 | 4,2 |
| (10, 15) | 5,1 | 5,2 |
| (15, 20) | 6,1 | 6,2 |
| (20, 25) | 7,1 | 7,2 |
| (25, Max) | 8,1 | 8,2 |

**6.1.6 RFP Commitment**

|  |  |
| --- | --- |
| % of samples with 2 servers and 4dB | 14.72 |
| % of samples with 4 servers and 4dB | 0.96 |
| % of samples with 10 servers and 10dB | 0 |

**6.1.7 Intra Frequency Handover Success Rate Analysis**

6.1.7.1 Handover Plot



6.1.7.2 Handover Failures Plot

No Handover Failures Plot

6.1.8.3 Table of legend vs. # of samples in each legend vs. percentage of

samples of each legend

|  |  |  |
| --- | --- | --- |
| Legend | Number of samples | Percentage of samples |
| (Min, 1000) | 1,1 | 1,2 |
| (1000, 5000) | 2,1 | 2,2 |
| (5000, 10000) | 3,1 | 3,2 |
| (10000, 20000) | 4,1 | 4,2 |
| (20000, 30000) | 5,1 | 5,2 |
| (30000, 40000) | 6,1 | 6,2 |
| (40000, 50000) | 7,1 | 7,2 |
| (50000, Max) | 8,1 | 8,2 |

6.1.8.4 Plot of FTP file DL Radio Access Technology



6.1.9.2 PDF of legends



6.1.9.3 Table of legend vs. # of samples in each legend vs. percentage of

samples of each legend

|  |  |  |
| --- | --- | --- |
| Legend | Number of samples | Percentage of samples |
| (Min, 500) | 1,1 | 1,2 |
| (500, 1000) | 2,1 | 2,2 |
| (1000, 3000) | 3,1 | 3,2 |
| (3000, 5000) | 4,1 | 4,2 |
| (5000, 10000) | 5,1 | 5,2 |
| (10000, 20000) | 6,1 | 6,2 |
| (20000, 30000) | 7,1 | 7,2 |
| (30000, Max) | 8,1 | 8,2 |

**6.1.10 Short Call Test**

6.1.10.1 Short Call Test Results

|  |  |
| --- | --- |
| Voice Call Success Ratio | 100% |
| Call Setup Failure Ratio | 1,1 |
| Dropped Call Ratio | 2,1 |
| Call Setup Time [s] | 3,1 |
| CSFB Time [s] | 4,1 |

6.1.10.2 Short Call Test Plot



6.2.4.3 Table of legend vs. # of samples in each legend vs. percentage of

samples of each legend

|  |  |  |
| --- | --- | --- |
| Legend | Number of samples | Percentage of samples |
| (Min, -120) | 1,1 | 1,2 |
| (-120, -110) | 2,1 | 2,2 |
| (-110, -100) | 3,1 | 3,2 |
| (-100, -95) | 4,1 | 4,2 |
| (-95, -90) | 5,1 | 5,2 |
| (-90, -80) | 6,1 | 6,2 |
| (-80, -70) | 7,1 | 7,2 |
| (-70, -60) | 8,1 | 8,2 |
| (-60, Max) | 9,1 | 9,2 |

6.2.5.3 Table of legend vs. # of samples in each legend vs. percentage of samples of each legend

|  |  |  |
| --- | --- | --- |
| Legend | Number of samples | Percentage of samples |
| (Min, -5) | 1,1 | 1,2 |
| (-5, 0) | 2,1 | 2,2 |
| (0, 5) | 3,1 | 3,2 |
| (5, 10) | 4,1 | 4,2 |
| (10, 15) | 5,1 | 5,2 |
| (15, 20) | 6,1 | 6,2 |
| (20, 25) | 7,1 | 7,2 |
| (25, Max) | 8,1 | 8,2 |

**6.2.6 RFP Commitment**

|  |  |
| --- | --- |
| % of samples with 2 servers and 4dB | 12.23 |
| % of samples with 4 servers and 4dB | 0.47 |
| % of samples with 10 servers and 10dB | 0 |

**6.2.7 Intra Frequency Handover Success Rate Analysis**

6.2.7.1 Handover Plot



6.2.7.2 Handover Failures Plot

No Handover Failures Plot

6.2.8.3 Table of legend vs. # of samples in each legend vs. percentage of samples of each legend

|  |  |  |
| --- | --- | --- |
| Legend | Number of samples | Percentage of samples |
| (Min, 500) | 1,1 | 1,2 |
| (500, 1000) | 2,1 | 2,2 |
| (1000, 5000) | 3,1 | 3,2 |
| (5000, 10000) | 4,1 | 4,2 |
| (10000, 15000) | 5,1 | 5,2 |
| (15000, 20000) | 6,1 | 6,2 |
| (20000, 25000) | 7,1 | 7,2 |
| (25000, Max) | 8,1 | 8,2 |

6.2.8.4 Plot of FTP file DL Radio Access Technology



6.2.9.2 PDF of legends



6.2.9.3 Table of legend vs. # of samples in each legend vs. percentage of samples of each legend

|  |  |  |
| --- | --- | --- |
| Legend | Number of samples | Percentage of samples |
| (Min, 100) | 1,1 | 1,2 |
| (100, 500) | 2,1 | 2,2 |
| (500, 1000) | 3,1 | 3,2 |
| (1000, 3000) | 4,1 | 4,2 |
| (3000, 5000) | 5,1 | 5,2 |
| (5000, 10000) | 6,1 | 6,2 |
| (10000, Max) | 7,1 | 7,2 |

**6.2.10 Short Call Test**

6.2.10.1 Short Call Test Results

|  |  |
| --- | --- |
| Voice Call Success Ratio | 100% |
| Call Setup Failure Ratio | 1,1 |
| Dropped Call Ratio | 2,1 |
| Call Setup Time [s] | 3,1 |
| CSFB Time [s] | 4,1 |

6.2.10.2 Short Call Test Plot



6.3.4.2 PDF of legends



6.3.4.3 Table of legend vs. # of samples in each legend vs. percentage of

samples of each legend

|  |  |  |
| --- | --- | --- |
| Legend | Number of samples | Percentage of samples |
| (Min, -120) | 1,1 | 1,2 |
| (-120, -110) | 2,1 | 2,2 |
| (-110, -100) | 3,1 | 3,2 |
| (-100, -95) | 4,1 | 4,2 |
| (-95, -90) | 5,1 | 5,2 |
| (-90, -80) | 6,1 | 6,2 |
| (-80, -70) | 7,1 | 7,2 |
| (-70, -60) | 8,1 | 8,2 |
| (-60, Max) | 9,1 | 9,2 |

6.3.5.3 Table of legend vs. # of samples in each legend vs. percentage of samples of each legend

|  |  |  |
| --- | --- | --- |
| Legend | Number of samples | Percentage of samples |
| (Min, -5) | 1,1 | 1,2 |
| (-5, 0) | 2,1 | 2,2 |
| (0, 5) | 3,1 | 3,2 |
| (5, 10) | 4,1 | 4,2 |
| (10, 15) | 5,1 | 5,2 |
| (15, 20) | 6,1 | 6,2 |
| (20, 25) | 7,1 | 7,2 |
| (25, Max) | 8,1 | 8,2 |

**6.3.6 Intra Frequency Handover Success Rate Analysis**

6.3.6.1 Handover Plot



6.3.6.2 Handover Failures Plot

No Handover Failures Plot

**9.2 Paramater Tuning**

|  |  |  |  |
| --- | --- | --- | --- |
| Paramter Name | Action | Observation | Date |
| 1,0 | 1,1 | 1,2 | 1,3 |
| 2,0 | 2,1 | 2,3 |
| 3,0 | 3,1 | 3,3 |
| 4,0 | 4,1 | 4,2 | 4,3 |
| 5,0 | 5,1 | 5,2 | 5,3 |
| 6,0 | 6,2 | 6,3 |