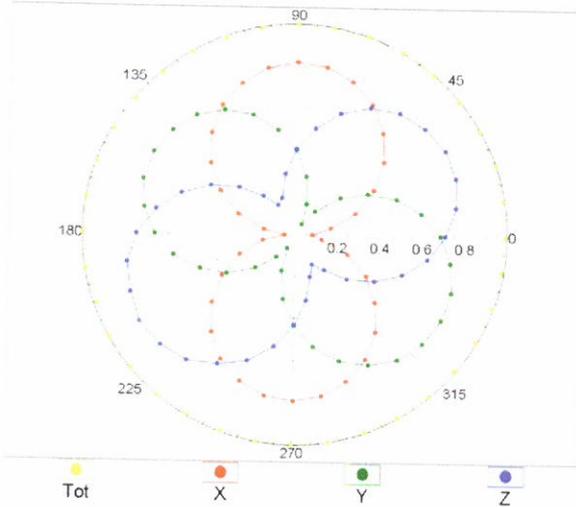
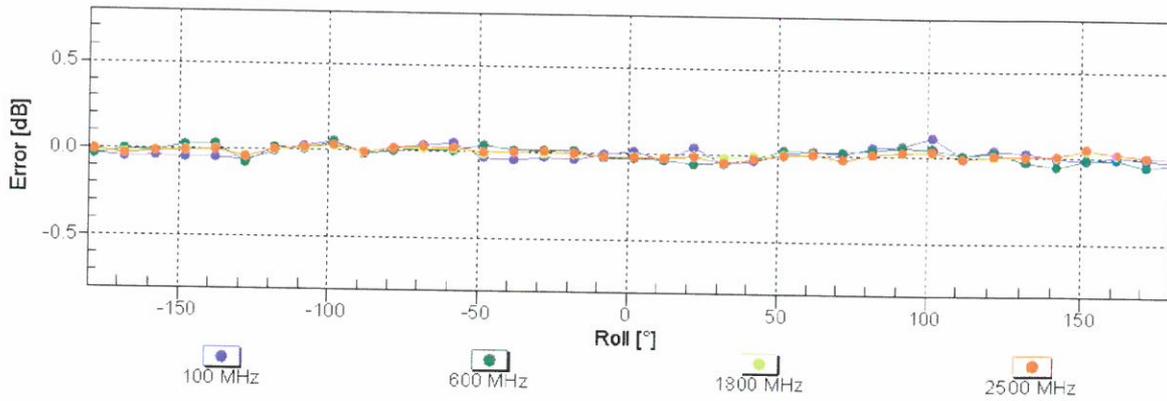
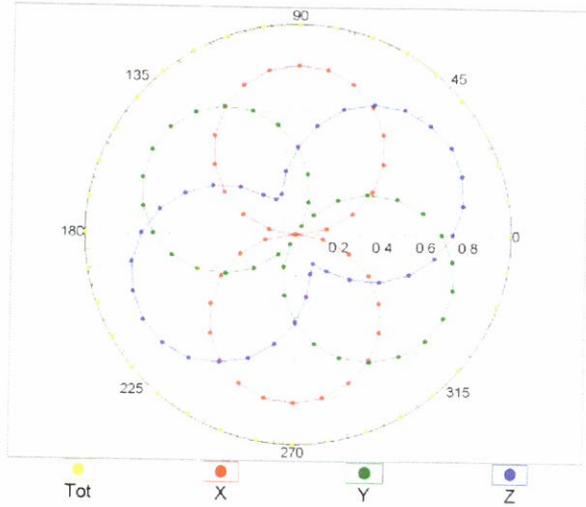


### Receiving Pattern ( $\phi$ ), $\vartheta = 0^\circ$

f=600 MHz, TEM

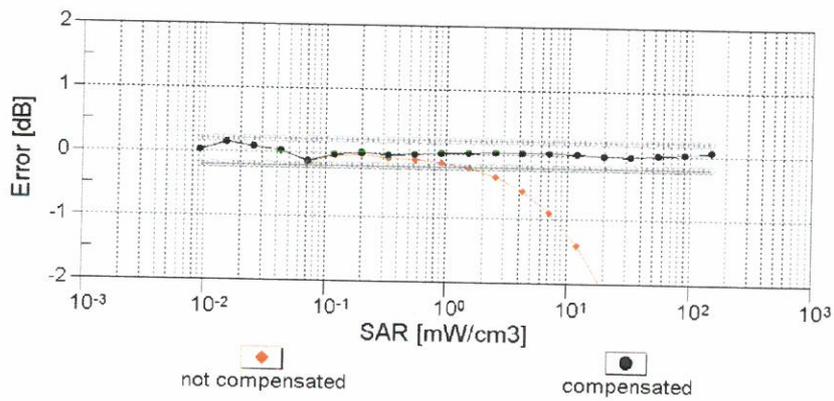
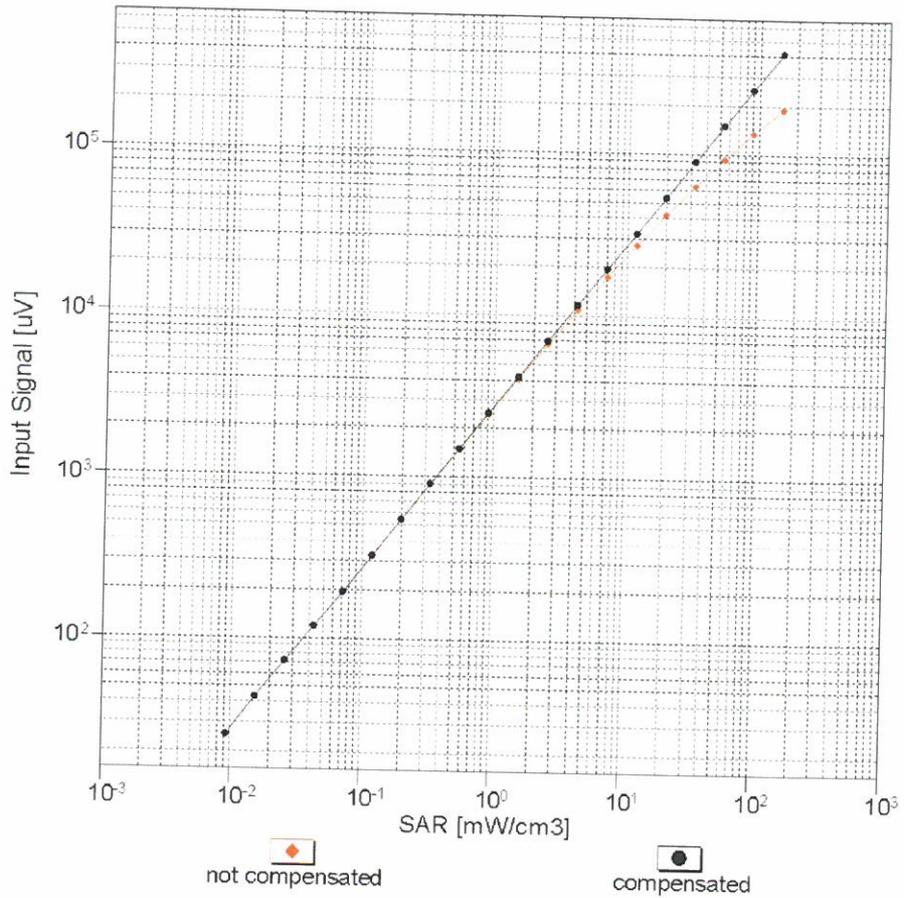


f=1800 MHz, R22



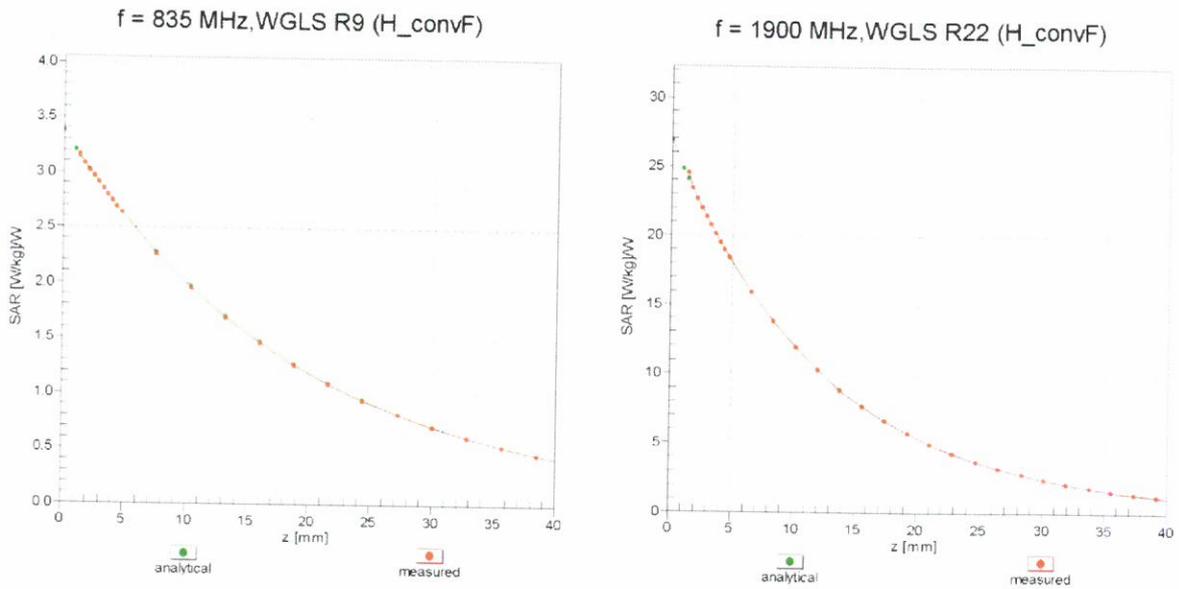
Uncertainty of Axial Isotropy Assessment:  $\pm 0.5\%$  (k=2)

# Dynamic Range f(SAR<sub>head</sub>) (TEM cell , f<sub>eval</sub>= 1900 MHz)

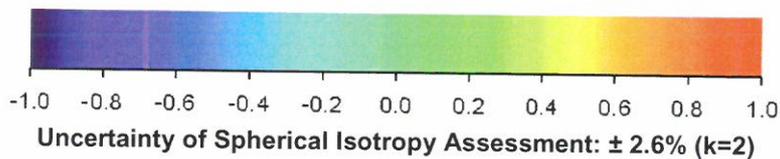
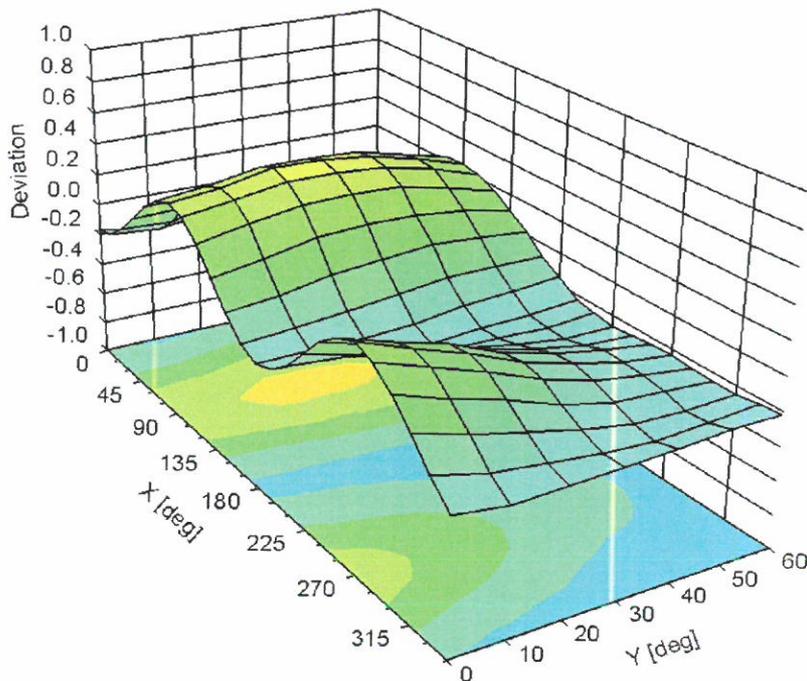


Uncertainty of Linearity Assessment: ± 0.6% (k=2)

# Conversion Factor Assessment



## Deviation from Isotropy in Liquid Error ( $\phi, \theta$ ), f = 900 MHz



## DASY/EASY - Parameters of Probe: EX3DV4 - SN:3820

### Other Probe Parameters

|   |            |
|---|------------|
| Sensor Arrangement                            | Triangular |
| Connector Angle (°)                           | 31.9       |
| Mechanical Surface Detection Mode             | enabled    |
| Optical Surface Detection Mode                | disabled   |
| Probe Overall Length                          | 337 mm     |
| Probe Body Diameter                           | 10 mm      |
| Tip Length                                    | 9 mm       |
| Tip Diameter                                  | 2.5 mm     |
| Probe Tip to Sensor X Calibration Point       | 1 mm       |
| Probe Tip to Sensor Y Calibration Point       | 1 mm       |
| Probe Tip to Sensor Z Calibration Point       | 1 mm       |
| Recommended Measurement Distance from Surface | 1.4 mm     |



**Appendix: Modulation Calibration Parameters**

| UID           | Communication System Name                     |   | A<br>dB | B<br>dB $\sqrt{\mu V}$ | C     | D<br>dB | VR<br>mV | Max<br>Unc <sup>E</sup><br>(k=2) |
|---------------|---|---|---------|------------------------|-------|---------|----------|----------------------------------|
| 0             | CW  | X | 0.00    | 0.00                   | 1.00  | 0.00    | 148.5    | ± 3.8 %                          |
|               |   | Y | 0.00    | 0.00                   | 1.00  |         | 134.3    |                                  |
|               |   | Z | 0.00    | 0.00                   | 1.00  |         | 135.9    |                                  |
| 10010-<br>CAA | SAR Validation (Square, 100ms, 10ms)          | X | 2.91    | 66.95                  | 11.40 | 10.00   | 20.0     | ± 9.6 %                          |
|               |   | Y | 4.24    | 71.80                  | 13.80 |         | 20.0     |                                  |
|               |   | Z | 13.20   | 88.04                  | 20.85 |         | 20.0     |                                  |
| 10011-<br>CAB | UMTS-FDD (WCDMA)                              | X | 1.07    | 67.78                  | 15.67 | 0.00    | 150.0    | ± 9.6 %                          |
|               |   | Y | 1.52    | 74.89                  | 19.60 |         | 150.0    |                                  |
|               |   | Z | 0.94    | 63.95                  | 13.11 |         | 150.0    |                                  |
| 10012-<br>CAB | IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps)      | X | 1.19    | 63.84                  | 15.24 | 0.41    | 150.0    | ± 9.6 %                          |
|               |   | Y | 1.24    | 65.55                  | 16.88 |         | 150.0    |                                  |
|               |   | Z | 1.16    | 62.20                  | 14.01 |         | 150.0    |                                  |
| 10013-<br>CAB | IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps) | X | 4.91    | 66.44                  | 16.89 | 1.46    | 150.0    | ± 9.6 %                          |
|               |   | Y | 4.97    | 66.85                  | 17.38 |         | 150.0    |                                  |
|               |   | Z | 5.04    | 66.28                  | 16.95 |         | 150.0    |                                  |
| 10021-<br>DAB | GSM-FDD (TDMA, GMSK)                          | X | 12.66   | 85.74                  | 19.85 | 9.39    | 50.0     | ± 9.6 %                          |
|               |   | Y | 100.00  | 115.62                 | 28.70 |         | 50.0     |                                  |
|               |   | Z | 100.00  | 123.67                 | 32.95 |         | 50.0     |                                  |
| 10023-<br>DAB | GPRS-FDD (TDMA, GMSK, TN 0)                   | X | 10.49   | 83.18                  | 19.06 | 9.57    | 50.0     | ± 9.6 %                          |
|               |   | Y | 100.00  | 115.37                 | 28.65 |         | 50.0     |                                  |
|               |   | Z | 100.00  | 123.24                 | 32.82 |         | 50.0     |                                  |
| 10024-<br>DAB | GPRS-FDD (TDMA, GMSK, TN 0-1)                 | X | 30.89   | 96.11                  | 21.36 | 6.56    | 60.0     | ± 9.6 %                          |
|               |   | Y | 100.00  | 115.76                 | 27.51 |         | 60.0     |                                  |
|               |   | Z | 100.00  | 126.38                 | 32.70 |         | 60.0     |                                  |
| 10025-<br>DAB | EDGE-FDD (TDMA, 8PSK, TN 0)                   | X | 4.99    | 72.36                  | 25.92 | 12.57   | 50.0     | ± 9.6 %                          |
|               |   | Y | 12.74   | 102.33                 | 40.28 |         | 50.0     |                                  |
|               |   | Z | 5.30    | 73.69                  | 27.65 |         | 50.0     |                                  |
| 10026-<br>DAB | EDGE-FDD (TDMA, 8PSK, TN 0-1)                 | X | 9.44    | 89.33                  | 30.51 | 9.56    | 60.0     | ± 9.6 %                          |
|               |   | Y | 12.46   | 98.80                  | 35.19 |         | 60.0     |                                  |
|               |   | Z | 7.86    | 86.03                  | 30.51 |         | 60.0     |                                  |
| 10027-<br>DAB | GPRS-FDD (TDMA, GMSK, TN 0-1-2)               | X | 100.00  | 108.03                 | 23.23 | 4.80    | 80.0     | ± 9.6 %                          |
|               |   | Y | 100.00  | 117.95                 | 27.58 |         | 80.0     |                                  |
|               |   | Z | 100.00  | 129.63                 | 33.06 |         | 80.0     |                                  |
| 10028-<br>DAB | GPRS-FDD (TDMA, GMSK, TN 0-1-2-3)             | X | 100.00  | 108.32                 | 22.71 | 3.55    | 100.0    | ± 9.6 %                          |
|               |   | Y | 100.00  | 122.16                 | 28.60 |         | 100.0    |                                  |
|               |   | Z | 100.00  | 132.93                 | 33.53 |         | 100.0    |                                  |
| 10029-<br>DAB | EDGE-FDD (TDMA, 8PSK, TN 0-1-2)               | X | 6.28    | 80.96                  | 26.28 | 7.80    | 80.0     | ± 9.6 %                          |
|               |   | Y | 6.96    | 85.32                  | 29.11 |         | 80.0     |                                  |
|               |   | Z | 5.29    | 77.61                  | 25.92 |         | 80.0     |                                  |
| 10030-<br>CAA | IEEE 802.15.1 Bluetooth (GFSK, DH1)           | X | 23.05   | 92.26                  | 19.61 | 5.30    | 70.0     | ± 9.6 %                          |
|               |   | Y | 100.00  | 115.32                 | 26.76 |         | 70.0     |                                  |
|               |   | Z | 100.00  | 126.49                 | 32.09 |         | 70.0     |                                  |
| 10031-<br>CAA | IEEE 802.15.1 Bluetooth (GFSK, DH3)           | X | 100.00  | 107.60                 | 21.20 | 1.88    | 100.0    | ± 9.6 %                          |
|               |   | Y | 100.00  | 131.06                 | 30.63 |         | 100.0    |                                  |
|               |   | Z | 100.00  | 132.96                 | 31.77 |         | 100.0    |                                  |

|           |   |   |        |        |       |       |       |         |
|-----------|---|---|--------|--------|-------|-------|-------|---------|
| 10032-CAA | IEEE 802.15.1 Bluetooth (GFSK, DH5)                 | X | 100.00 | 113.22 | 22.67 | 1.17  | 100.0 | ± 9.6 % |
|           |   | Y | 100.00 | 159.51 | 40.57 |       | 100.0 |         |
|           |   | Z | 4.77   | 98.55  | 23.61 |       | 100.0 |         |
| 10033-CAA | IEEE 802.15.1 Bluetooth (PI/4-DQPSK, DH1)           | X | 5.95   | 81.54  | 20.62 | 5.30  | 70.0  | ± 9.6 % |
|           |   | Y | 31.39  | 111.74 | 31.08 |       | 70.0  |         |
|           |   | Z | 6.92   | 88.40  | 25.43 |       | 70.0  |         |
| 10034-CAA | IEEE 802.15.1 Bluetooth (PI/4-DQPSK, DH3)           | X | 2.53   | 73.78  | 16.91 | 1.88  | 100.0 | ± 9.6 % |
|           |   | Y | 8.40   | 94.30  | 25.11 |       | 100.0 |         |
|           |   | Z | 2.04   | 71.57  | 17.30 |       | 100.0 |         |
| 10035-CAA | IEEE 802.15.1 Bluetooth (PI/4-DQPSK, DH5)           | X | 1.92   | 71.48  | 15.91 | 1.17  | 100.0 | ± 9.6 % |
|           |   | Y | 4.80   | 87.19  | 22.72 |       | 100.0 |         |
|           |   | Z | 1.52   | 68.13  | 15.29 |       | 100.0 |         |
| 10036-CAA | IEEE 802.15.1 Bluetooth (8-DPSK, DH1)               | X | 7.00   | 84.17  | 21.61 | 5.30  | 70.0  | ± 9.6 % |
|           |   | Y | 60.53  | 122.86 | 33.97 |       | 70.0  |         |
|           |   | Z | 8.35   | 92.00  | 26.74 |       | 70.0  |         |
| 10037-CAA | IEEE 802.15.1 Bluetooth (8-DPSK, DH3)               | X | 2.42   | 73.25  | 16.65 | 1.88  | 100.0 | ± 9.6 % |
|           |   | Y | 7.51   | 92.72  | 24.60 |       | 100.0 |         |
|           |   | Z | 1.97   | 71.19  | 17.10 |       | 100.0 |         |
| 10038-CAA | IEEE 802.15.1 Bluetooth (8-DPSK, DH5)               | X | 1.94   | 71.83  | 16.15 | 1.17  | 100.0 | ± 9.6 % |
|           |   | Y | 4.97   | 88.11  | 23.16 |       | 100.0 |         |
|           |   | Z | 1.52   | 68.29  | 15.45 |       | 100.0 |         |
| 10039-CAB | CDMA2000 (1xRTT, RC1)                               | X | 2.15   | 73.98  | 17.06 | 0.00  | 150.0 | ± 9.6 % |
|           |   | Y | 5.64   | 89.14  | 22.94 |       | 150.0 |         |
|           |   | Z | 1.50   | 66.92  | 13.82 |       | 150.0 |         |
| 10042-CAB | IS-54 / IS-136 FDD (TDMA/FDM, PI/4-DQPSK, Halfrate) | X | 9.98   | 82.49  | 17.56 | 7.78  | 50.0  | ± 9.6 % |
|           |   | Y | 100.00 | 112.59 | 26.38 |       | 50.0  |         |
|           |   | Z | 100.00 | 121.68 | 30.94 |       | 50.0  |         |
| 10044-CAA | IS-91/EIA/TIA-553 FDD (FDMA, FM)                    | X | 0.00   | 97.86  | 1.75  | 0.00  | 150.0 | ± 9.6 % |
|           |   | Y | 0.00   | 115.28 | 0.17  |       | 150.0 |         |
|           |   | Z | 0.01   | 89.38  | 7.52  |       | 150.0 |         |
| 10048-CAA | DECT (TDD, TDMA/FDM, GFSK, Full Slot, 24)           | X | 7.18   | 75.26  | 17.75 | 13.80 | 25.0  | ± 9.6 % |
|           |   | Y | 19.36  | 89.79  | 23.13 |       | 25.0  |         |
|           |   | Z | 100.00 | 119.10 | 32.85 |       | 25.0  |         |
| 10049-CAA | DECT (TDD, TDMA/FDM, GFSK, Double Slot, 12)         | X | 7.58   | 78.05  | 17.57 | 10.79 | 40.0  | ± 9.6 % |
|           |   | Y | 40.47  | 102.30 | 25.68 |       | 40.0  |         |
|           |   | Z | 100.00 | 121.63 | 32.57 |       | 40.0  |         |
| 10056-CAA | UMTS-TDD (TD-SCDMA, 1.28 Mcps)                      | X | 9.03   | 82.76  | 21.27 | 9.03  | 50.0  | ± 9.6 % |
|           |   | Y | 27.06  | 102.61 | 28.44 |       | 50.0  |         |
|           |   | Z | 20.85  | 101.14 | 29.48 |       | 50.0  |         |
| 10058-DAB | EDGE-FDD (TDMA, 8PSK, TN 0-1-2-3)                   | X | 4.87   | 76.45  | 23.78 | 6.55  | 100.0 | ± 9.6 % |
|           |   | Y | 5.10   | 79.07  | 25.85 |       | 100.0 |         |
|           |   | Z | 4.21   | 73.47  | 23.33 |       | 100.0 |         |
| 10059-CAB | IEEE 802.11b WiFi 2.4 GHz (DSSS, 2 Mbps)            | X | 1.23   | 64.84  | 15.71 | 0.61  | 110.0 | ± 9.6 % |
|           |   | Y | 1.31   | 67.04  | 17.67 |       | 110.0 |         |
|           |   | Z | 1.18   | 62.94  | 14.51 |       | 110.0 |         |
| 10060-CAB | IEEE 802.11b WiFi 2.4 GHz (DSSS, 5.5 Mbps)          | X | 5.37   | 91.70  | 23.52 | 1.30  | 110.0 | ± 9.6 % |
|           |   | Y | 100.00 | 145.92 | 39.22 |       | 110.0 |         |
|           |   | Z | 1.66   | 75.92  | 19.25 |       | 110.0 |         |

|           |  |   |      |       |       |      |       |         |
|-----------|--|---|------|-------|-------|------|-------|---------|
| 10061-CAB | IEEE 802.11b WiFi 2.4 GHz (DSSS, 11 Mbps)      | X | 2.59 | 76.69 | 20.10 | 2.04 | 110.0 | ± 9.6 % |
|           |  | Y | 5.25 | 92.34 | 27.22 |      | 110.0 |         |
|           |  | Z | 1.92 | 72.23 | 19.28 |      | 110.0 |         |
| 10062-CAB | IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps)       | X | 4.73 | 66.55 | 16.45 | 0.49 | 100.0 | ± 9.6 % |
|           |  | Y | 4.79 | 66.94 | 16.88 |      | 100.0 |         |
|           |  | Z | 4.83 | 66.22 | 16.30 |      | 100.0 |         |
| 10063-CAB | IEEE 802.11a/h WiFi 5 GHz (OFDM, 9 Mbps)       | X | 4.74 | 66.61 | 16.52 | 0.72 | 100.0 | ± 9.6 % |
|           |  | Y | 4.81 | 67.03 | 16.98 |      | 100.0 |         |
|           |  | Z | 4.85 | 66.32 | 16.42 |      | 100.0 |         |
| 10064-CAB | IEEE 802.11a/h WiFi 5 GHz (OFDM, 12 Mbps)      | X | 5.05 | 66.89 | 16.74 | 0.86 | 100.0 | ± 9.6 % |
|           |  | Y | 5.11 | 67.30 | 17.20 |      | 100.0 |         |
|           |  | Z | 5.19 | 66.70 | 16.71 |      | 100.0 |         |
| 10065-CAB | IEEE 802.11a/h WiFi 5 GHz (OFDM, 18 Mbps)      | X | 4.90 | 66.75 | 16.79 | 1.21 | 100.0 | ± 9.6 % |
|           |  | Y | 4.97 | 67.20 | 17.29 |      | 100.0 |         |
|           |  | Z | 5.05 | 66.61 | 16.83 |      | 100.0 |         |
| 10066-CAB | IEEE 802.11a/h WiFi 5 GHz (OFDM, 24 Mbps)      | X | 4.92 | 66.75 | 16.92 | 1.46 | 100.0 | ± 9.6 % |
|           |  | Y | 4.99 | 67.21 | 17.44 |      | 100.0 |         |
|           |  | Z | 5.08 | 66.65 | 17.02 |      | 100.0 |         |
| 10067-CAB | IEEE 802.11a/h WiFi 5 GHz (OFDM, 36 Mbps)      | X | 5.19 | 66.81 | 17.28 | 2.04 | 100.0 | ± 9.6 % |
|           |  | Y | 5.27 | 67.26 | 17.81 |      | 100.0 |         |
|           |  | Z | 5.38 | 66.77 | 17.47 |      | 100.0 |         |
| 10068-CAB | IEEE 802.11a/h WiFi 5 GHz (OFDM, 48 Mbps)      | X | 5.26 | 66.92 | 17.50 | 2.55 | 100.0 | ± 9.6 % |
|           |  | Y | 5.33 | 67.41 | 18.07 |      | 100.0 |         |
|           |  | Z | 5.46 | 66.99 | 17.77 |      | 100.0 |         |
| 10069-CAB | IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps)      | X | 5.33 | 66.87 | 17.66 | 2.67 | 100.0 | ± 9.6 % |
|           |  | Y | 5.41 | 67.34 | 18.23 |      | 100.0 |         |
|           |  | Z | 5.54 | 66.91 | 17.94 |      | 100.0 |         |
| 10071-CAB | IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 9 Mbps)  | X | 4.99 | 66.49 | 17.14 | 1.99 | 100.0 | ± 9.6 % |
|           |  | Y | 5.06 | 66.92 | 17.66 |      | 100.0 |         |
|           |  | Z | 5.15 | 66.40 | 17.28 |      | 100.0 |         |
| 10072-CAB | IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 12 Mbps) | X | 4.98 | 66.81 | 17.32 | 2.30 | 100.0 | ± 9.6 % |
|           |  | Y | 5.05 | 67.30 | 17.89 |      | 100.0 |         |
|           |  | Z | 5.14 | 66.77 | 17.52 |      | 100.0 |         |
| 10073-CAB | IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 18 Mbps) | X | 5.03 | 66.92 | 17.59 | 2.83 | 100.0 | ± 9.6 % |
|           |  | Y | 5.11 | 67.44 | 18.20 |      | 100.0 |         |
|           |  | Z | 5.21 | 66.91 | 17.86 |      | 100.0 |         |
| 10074-CAB | IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 24 Mbps) | X | 5.01 | 66.80 | 17.71 | 3.30 | 100.0 | ± 9.6 % |
|           |  | Y | 5.08 | 67.31 | 18.34 |      | 100.0 |         |
|           |  | Z | 5.18 | 66.81 | 18.04 |      | 100.0 |         |
| 10075-CAB | IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 36 Mbps) | X | 5.06 | 66.97 | 18.03 | 3.82 | 90.0  | ± 9.6 % |
|           |  | Y | 5.14 | 67.49 | 18.68 |      | 90.0  |         |
|           |  | Z | 5.25 | 67.05 | 18.43 |      | 90.0  |         |
| 10076-CAB | IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 48 Mbps) | X | 5.06 | 66.71 | 18.10 | 4.15 | 90.0  | ± 9.6 % |
|           |  | Y | 5.13 | 67.20 | 18.74 |      | 90.0  |         |
|           |  | Z | 5.23 | 66.74 | 18.50 |      | 90.0  |         |
| 10077-CAB | IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 54 Mbps) | X | 5.08 | 66.77 | 18.18 | 4.30 | 90.0  | ± 9.6 % |
|           |  | Y | 5.15 | 67.26 | 18.83 |      | 90.0  |         |
|           |  | Z | 5.25 | 66.77 | 18.58 |      | 90.0  |         |

|           |   |   |        |        |       |      |       |         |
|-----------|---|---|--------|--------|-------|------|-------|---------|
| 10081-CAB | CDMA2000 (1xRTT, RC3)                               | X | 0.95   | 67.20  | 13.72 | 0.00 | 150.0 | ± 9.6 % |
|           |   | Y | 1.84   | 77.86  | 18.83 |      | 150.0 |         |
|           |   | Z | 0.83   | 63.27  | 11.54 |      | 150.0 |         |
| 10082-CAB | IS-54 / IS-136 FDD (TDMA/FDM, PI/4-DQPSK, Fullrate) | X | 0.72   | 58.34  | 3.85  | 4.77 | 80.0  | ± 9.6 % |
|           |   | Y | 0.80   | 60.00  | 5.01  |      | 80.0  |         |
|           |   | Z | 0.78   | 60.02  | 5.75  |      | 80.0  |         |
| 10090-DAB | GPRS-FDD (TDMA, GMSK, TN 0-4)                       | X | 29.15  | 95.48  | 21.21 | 6.56 | 60.0  | ± 9.6 % |
|           |   | Y | 100.00 | 115.79 | 27.54 |      | 60.0  |         |
|           |   | Z | 100.00 | 126.41 | 32.74 |      | 60.0  |         |
| 10097-CAB | UMTS-FDD (HSDPA)                                    | X | 1.88   | 67.87  | 15.99 | 0.00 | 150.0 | ± 9.6 % |
|           |   | Y | 2.14   | 70.75  | 17.79 |      | 150.0 |         |
|           |   | Z | 1.73   | 65.15  | 14.30 |      | 150.0 |         |
| 10098-CAB | UMTS-FDD (HSUPA, Subtest 2)                         | X | 1.84   | 67.81  | 15.95 | 0.00 | 150.0 | ± 9.6 % |
|           |   | Y | 2.11   | 70.78  | 17.80 |      | 150.0 |         |
|           |   | Z | 1.69   | 65.08  | 14.24 |      | 150.0 |         |
| 10099-DAB | EDGE-FDD (TDMA, 8PSK, TN 0-4)                       | X | 9.47   | 89.38  | 30.52 | 9.56 | 60.0  | ± 9.6 % |
|           |   | Y | 12.54  | 98.89  | 35.21 |      | 60.0  |         |
|           |   | Z | 7.89   | 86.11  | 30.54 |      | 60.0  |         |
| 10100-CAB | LTE-FDD (SC-FDMA, 100% RB, 20 MHz, QPSK)            | X | 3.25   | 70.73  | 16.93 | 0.00 | 150.0 | ± 9.6 % |
|           |   | Y | 3.69   | 73.26  | 18.35 |      | 150.0 |         |
|           |   | Z | 2.98   | 68.29  | 15.50 |      | 150.0 |         |
| 10101-CAB | LTE-FDD (SC-FDMA, 100% RB, 20 MHz, 16-QAM)          | X | 3.32   | 67.71  | 16.08 | 0.00 | 150.0 | ± 9.6 % |
|           |   | Y | 3.47   | 68.78  | 16.86 |      | 150.0 |         |
|           |   | Z | 3.27   | 66.54  | 15.28 |      | 150.0 |         |
| 10102-CAB | LTE-FDD (SC-FDMA, 100% RB, 20 MHz, 64-QAM)          | X | 3.43   | 67.67  | 16.18 | 0.00 | 150.0 | ± 9.6 % |
|           |   | Y | 3.56   | 68.63  | 16.89 |      | 150.0 |         |
|           |   | Z | 3.38   | 66.55  | 15.41 |      | 150.0 |         |
| 10103-CAB | LTE-TDD (SC-FDMA, 100% RB, 20 MHz, QPSK)            | X | 6.21   | 74.23  | 19.42 | 3.98 | 65.0  | ± 9.6 % |
|           |   | Y | 6.88   | 77.07  | 21.19 |      | 65.0  |         |
|           |   | Z | 5.98   | 74.05  | 20.08 |      | 65.0  |         |
| 10104-CAB | LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 16-QAM)          | X | 6.42   | 73.10  | 19.79 | 3.98 | 65.0  | ± 9.6 % |
|           |   | Y | 6.52   | 74.28  | 20.86 |      | 65.0  |         |
|           |   | Z | 6.03   | 72.15  | 19.99 |      | 65.0  |         |
| 10105-CAB | LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 64-QAM)          | X | 6.09   | 72.02  | 19.63 | 3.98 | 65.0  | ± 9.6 % |
|           |   | Y | 5.92   | 72.21  | 20.23 |      | 65.0  |         |
|           |   | Z | 5.85   | 71.37  | 19.93 |      | 65.0  |         |
| 10108-CAC | LTE-FDD (SC-FDMA, 100% RB, 10 MHz, QPSK)            | X | 2.85   | 69.93  | 16.76 | 0.00 | 150.0 | ± 9.6 % |
|           |   | Y | 3.22   | 72.45  | 18.22 |      | 150.0 |         |
|           |   | Z | 2.65   | 67.54  | 15.31 |      | 150.0 |         |
| 10109-CAC | LTE-FDD (SC-FDMA, 100% RB, 10 MHz, 16-QAM)          | X | 2.99   | 67.57  | 16.02 | 0.00 | 150.0 | ± 9.6 % |
|           |   | Y | 3.14   | 68.79  | 16.90 |      | 150.0 |         |
|           |   | Z | 2.93   | 66.22  | 15.13 |      | 150.0 |         |
| 10110-CAC | LTE-FDD (SC-FDMA, 100% RB, 5 MHz, QPSK)             | X | 2.32   | 68.97  | 16.39 | 0.00 | 150.0 | ± 9.6 % |
|           |   | Y | 2.65   | 71.77  | 18.06 |      | 150.0 |         |
|           |   | Z | 2.18   | 66.50  | 14.87 |      | 150.0 |         |
| 10111-CAC | LTE-FDD (SC-FDMA, 100% RB, 5 MHz, 16-QAM)           | X | 2.72   | 68.46  | 16.43 | 0.00 | 150.0 | ± 9.6 % |
|           |   | Y | 2.92   | 70.13  | 17.54 |      | 150.0 |         |
|           |   | Z | 2.60   | 66.41  | 15.21 |      | 150.0 |         |

|           |  |   |      |       |       |      |       |         |
|-----------|--|---|------|-------|-------|------|-------|---------|
| 10112-CAC | LTE-FDD (SC-FDMA, 100% RB, 10 MHz, 64-QAM)     | X | 3.11 | 67.54 | 16.08 | 0.00 | 150.0 | ± 9.6 % |
|           |  | Y | 3.25 | 68.64 | 16.88 |      | 150.0 |         |
|           |  | Z | 3.06 | 66.25 | 15.23 |      | 150.0 |         |
| 10113-CAC | LTE-FDD (SC-FDMA, 100% RB, 5 MHz, 64-QAM)      | X | 2.88 | 68.57 | 16.55 | 0.00 | 150.0 | ± 9.6 % |
|           |  | Y | 3.07 | 70.09 | 17.57 |      | 150.0 |         |
|           |  | Z | 2.76 | 66.60 | 15.38 |      | 150.0 |         |
| 10114-CAB | IEEE 802.11n (HT Greenfield, 13.5 Mbps, BPSK)  | X | 5.19 | 67.21 | 16.48 | 0.00 | 150.0 | ± 9.6 % |
|           |  | Y | 5.24 | 67.52 | 16.81 |      | 150.0 |         |
|           |  | Z | 5.22 | 66.70 | 16.13 |      | 150.0 |         |
| 10115-CAB | IEEE 802.11n (HT Greenfield, 81 Mbps, 16-QAM)  | X | 5.53 | 67.47 | 16.62 | 0.00 | 150.0 | ± 9.6 % |
|           |  | Y | 5.58 | 67.77 | 16.93 |      | 150.0 |         |
|           |  | Z | 5.60 | 67.06 | 16.32 |      | 150.0 |         |
| 10116-CAB | IEEE 802.11n (HT Greenfield, 135 Mbps, 64-QAM) | X | 5.31 | 67.45 | 16.53 | 0.00 | 150.0 | ± 9.6 % |
|           |  | Y | 5.36 | 67.78 | 16.86 |      | 150.0 |         |
|           |  | Z | 5.35 | 66.97 | 16.19 |      | 150.0 |         |
| 10117-CAB | IEEE 802.11n (HT Mixed, 13.5 Mbps, BPSK)       | X | 5.18 | 67.14 | 16.46 | 0.00 | 150.0 | ± 9.6 % |
|           |  | Y | 5.22 | 67.45 | 16.79 |      | 150.0 |         |
|           |  | Z | 5.23 | 66.72 | 16.16 |      | 150.0 |         |
| 10118-CAB | IEEE 802.11n (HT Mixed, 81 Mbps, 16-QAM)       | X | 5.61 | 67.65 | 16.71 | 0.00 | 150.0 | ± 9.6 % |
|           |  | Y | 5.66 | 67.96 | 17.03 |      | 150.0 |         |
|           |  | Z | 5.67 | 67.22 | 16.41 |      | 150.0 |         |
| 10119-CAB | IEEE 802.11n (HT Mixed, 135 Mbps, 64-QAM)      | X | 5.28 | 67.38 | 16.50 | 0.00 | 150.0 | ± 9.6 % |
|           |  | Y | 5.33 | 67.70 | 16.84 |      | 150.0 |         |
|           |  | Z | 5.33 | 66.93 | 16.18 |      | 150.0 |         |
| 10140-CAB | LTE-FDD (SC-FDMA, 100% RB, 15 MHz, 16-QAM)     | X | 3.47 | 67.67 | 16.09 | 0.00 | 150.0 | ± 9.6 % |
|           |  | Y | 3.60 | 68.62 | 16.81 |      | 150.0 |         |
|           |  | Z | 3.43 | 66.56 | 15.35 |      | 150.0 |         |
| 10141-CAB | LTE-FDD (SC-FDMA, 100% RB, 15 MHz, 64-QAM)     | X | 3.59 | 67.76 | 16.26 | 0.00 | 150.0 | ± 9.6 % |
|           |  | Y | 3.72 | 68.63 | 16.93 |      | 150.0 |         |
|           |  | Z | 3.55 | 66.67 | 15.53 |      | 150.0 |         |
| 10142-CAC | LTE-FDD (SC-FDMA, 100% RB, 3 MHz, QPSK)        | X | 2.11 | 69.04 | 16.19 | 0.00 | 150.0 | ± 9.6 % |
|           |  | Y | 2.50 | 72.47 | 18.16 |      | 150.0 |         |
|           |  | Z | 1.95 | 66.19 | 14.52 |      | 150.0 |         |
| 10143-CAC | LTE-FDD (SC-FDMA, 100% RB, 3 MHz, 16-QAM)      | X | 2.62 | 69.39 | 16.35 | 0.00 | 150.0 | ± 9.6 % |
|           |  | Y | 2.95 | 71.82 | 17.79 |      | 150.0 |         |
|           |  | Z | 2.42 | 66.67 | 14.90 |      | 150.0 |         |
| 10144-CAC | LTE-FDD (SC-FDMA, 100% RB, 3 MHz, 64-QAM)      | X | 2.37 | 66.97 | 14.69 | 0.00 | 150.0 | ± 9.6 % |
|           |  | Y | 2.59 | 68.81 | 15.89 |      | 150.0 |         |
|           |  | Z | 2.31 | 65.30 | 13.79 |      | 150.0 |         |
| 10145-CAC | LTE-FDD (SC-FDMA, 100% RB, 1.4 MHz, QPSK)      | X | 1.44 | 66.90 | 13.35 | 0.00 | 150.0 | ± 9.6 % |
|           |  | Y | 2.00 | 72.14 | 16.10 |      | 150.0 |         |
|           |  | Z | 1.34 | 64.27 | 12.14 |      | 150.0 |         |
| 10146-CAC | LTE-FDD (SC-FDMA, 100% RB, 1.4 MHz, 16-QAM)    | X | 2.34 | 68.02 | 13.01 | 0.00 | 150.0 | ± 9.6 % |
|           |  | Y | 3.00 | 72.25 | 15.28 |      | 150.0 |         |
|           |  | Z | 3.24 | 72.73 | 16.47 |      | 150.0 |         |
| 10147-CAC | LTE-FDD (SC-FDMA, 100% RB, 1.4 MHz, 64-QAM)    | X | 2.87 | 70.69 | 14.36 | 0.00 | 150.0 | ± 9.6 % |
|           |  | Y | 4.47 | 77.69 | 17.60 |      | 150.0 |         |
|           |  | Z | 4.29 | 77.00 | 18.41 |      | 150.0 |         |

|           |  |   |      |       |       |      |       |         |
|-----------|--|---|------|-------|-------|------|-------|---------|
| 10149-CAB | LTE-FDD (SC-FDMA, 50% RB, 20 MHz, 16-QAM)  | X | 3.00 | 67.63 | 16.07 | 0.00 | 150.0 | ± 9.6 % |
|           |  | Y | 3.15 | 68.86 | 16.95 |      | 150.0 |         |
|           |  | Z | 2.94 | 66.27 | 15.17 |      | 150.0 |         |
| 10150-CAB | LTE-FDD (SC-FDMA, 50% RB, 20 MHz, 64-QAM)  | X | 3.12 | 67.60 | 16.12 | 0.00 | 150.0 | ± 9.6 % |
|           |  | Y | 3.26 | 68.70 | 16.93 |      | 150.0 |         |
|           |  | Z | 3.07 | 66.29 | 15.26 |      | 150.0 |         |
| 10151-CAB | LTE-TDD (SC-FDMA, 50% RB, 20 MHz, QPSK)    | X | 6.43 | 76.15 | 20.27 | 3.98 | 65.0  | ± 9.6 % |
|           |  | Y | 7.16 | 79.35 | 22.24 |      | 65.0  |         |
|           |  | Z | 5.94 | 75.38 | 20.78 |      | 65.0  |         |
| 10152-CAB | LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 16-QAM)  | X | 5.92 | 72.87 | 19.42 | 3.98 | 65.0  | ± 9.6 % |
|           |  | Y | 6.10 | 74.39 | 20.68 |      | 65.0  |         |
|           |  | Z | 5.56 | 71.98 | 19.74 |      | 65.0  |         |
| 10153-CAB | LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 64-QAM)  | X | 6.29 | 73.82 | 20.21 | 3.98 | 65.0  | ± 9.6 % |
|           |  | Y | 6.43 | 75.19 | 21.39 |      | 65.0  |         |
|           |  | Z | 5.85 | 72.67 | 20.40 |      | 65.0  |         |
| 10154-CAC | LTE-FDD (SC-FDMA, 50% RB, 10 MHz, QPSK)    | X | 2.39 | 69.50 | 16.72 | 0.00 | 150.0 | ± 9.6 % |
|           |  | Y | 2.74 | 72.40 | 18.41 |      | 150.0 |         |
|           |  | Z | 2.22 | 66.84 | 15.10 |      | 150.0 |         |
| 10155-CAC | LTE-FDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM)  | X | 2.72 | 68.46 | 16.44 | 0.00 | 150.0 | ± 9.6 % |
|           |  | Y | 2.92 | 70.13 | 17.55 |      | 150.0 |         |
|           |  | Z | 2.60 | 66.41 | 15.21 |      | 150.0 |         |
| 10156-CAC | LTE-FDD (SC-FDMA, 50% RB, 5 MHz, QPSK)     | X | 1.98 | 69.33 | 16.15 | 0.00 | 150.0 | ± 9.6 % |
|           |  | Y | 2.45 | 73.51 | 18.44 |      | 150.0 |         |
|           |  | Z | 1.79 | 66.10 | 14.32 |      | 150.0 |         |
| 10157-CAC | LTE-FDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM)   | X | 2.23 | 67.73 | 14.88 | 0.00 | 150.0 | ± 9.6 % |
|           |  | Y | 2.54 | 70.30 | 16.41 |      | 150.0 |         |
|           |  | Z | 2.11 | 65.52 | 13.74 |      | 150.0 |         |
| 10158-CAC | LTE-FDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM)  | X | 2.88 | 68.64 | 16.60 | 0.00 | 150.0 | ± 9.6 % |
|           |  | Y | 3.08 | 70.16 | 17.62 |      | 150.0 |         |
|           |  | Z | 2.76 | 66.63 | 15.41 |      | 150.0 |         |
| 10159-CAC | LTE-FDD (SC-FDMA, 50% RB, 5 MHz, 64-QAM)   | X | 2.36 | 68.30 | 15.22 | 0.00 | 150.0 | ± 9.6 % |
|           |  | Y | 2.70 | 70.92 | 16.76 |      | 150.0 |         |
|           |  | Z | 2.21 | 65.90 | 14.00 |      | 150.0 |         |
| 10160-CAB | LTE-FDD (SC-FDMA, 50% RB, 15 MHz, QPSK)    | X | 2.83 | 68.81 | 16.48 | 0.00 | 150.0 | ± 9.6 % |
|           |  | Y | 3.09 | 70.73 | 17.69 |      | 150.0 |         |
|           |  | Z | 2.71 | 66.91 | 15.27 |      | 150.0 |         |
| 10161-CAB | LTE-FDD (SC-FDMA, 50% RB, 15 MHz, 16-QAM)  | X | 3.02 | 67.54 | 16.07 | 0.00 | 150.0 | ± 9.6 % |
|           |  | Y | 3.16 | 68.68 | 16.91 |      | 150.0 |         |
|           |  | Z | 2.96 | 66.16 | 15.18 |      | 150.0 |         |
| 10162-CAB | LTE-FDD (SC-FDMA, 50% RB, 15 MHz, 64-QAM)  | X | 3.13 | 67.64 | 16.16 | 0.00 | 150.0 | ± 9.6 % |
|           |  | Y | 3.27 | 68.74 | 16.97 |      | 150.0 |         |
|           |  | Z | 3.07 | 66.26 | 15.28 |      | 150.0 |         |
| 10166-CAC | LTE-FDD (SC-FDMA, 50% RB, 1.4 MHz, QPSK)   | X | 3.72 | 69.56 | 19.03 | 3.01 | 150.0 | ± 9.6 % |
|           |  | Y | 3.68 | 69.96 | 19.60 |      | 150.0 |         |
|           |  | Z | 3.81 | 69.11 | 19.25 |      | 150.0 |         |
| 10167-CAC | LTE-FDD (SC-FDMA, 50% RB, 1.4 MHz, 16-QAM) | X | 4.69 | 72.65 | 19.56 | 3.01 | 150.0 | ± 9.6 % |
|           |  | Y | 4.55 | 72.98 | 20.12 |      | 150.0 |         |
|           |  | Z | 4.61 | 71.80 | 19.74 |      | 150.0 |         |

|           |  |   |       |        |       |      |       |         |
|-----------|--|---|-------|--------|-------|------|-------|---------|
| 10168-CAC | LTE-FDD (SC-FDMA, 50% RB, 1.4 MHz, 64-QAM) | X | 5.27  | 75.16  | 21.00 | 3.01 | 150.0 | ± 9.6 % |
|           |  | Y | 5.05  | 75.30  | 21.47 |      | 150.0 |         |
|           |  | Z | 5.04  | 73.81  | 20.97 |      | 150.0 |         |
| 10169-CAB | LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK)      | X | 3.22  | 69.88  | 19.14 | 3.01 | 150.0 | ± 9.6 % |
|           |  | Y | 3.06  | 69.92  | 19.68 |      | 150.0 |         |
|           |  | Z | 3.23  | 69.35  | 19.43 |      | 150.0 |         |
| 10170-CAB | LTE-FDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM)    | X | 4.79  | 76.94  | 21.86 | 3.01 | 150.0 | ± 9.6 % |
|           |  | Y | 4.33  | 76.63  | 22.33 |      | 150.0 |         |
|           |  | Z | 4.36  | 75.29  | 21.86 |      | 150.0 |         |
| 10171-AAB | LTE-FDD (SC-FDMA, 1 RB, 20 MHz, 64-QAM)    | X | 3.75  | 71.79  | 18.69 | 3.01 | 150.0 | ± 9.6 % |
|           |  | Y | 3.50  | 72.08  | 19.40 |      | 150.0 |         |
|           |  | Z | 3.61  | 71.16  | 19.10 |      | 150.0 |         |
| 10172-CAB | LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK)      | X | 7.59  | 85.78  | 25.41 | 6.02 | 65.0  | ± 9.6 % |
|           |  | Y | 8.66  | 91.52  | 28.76 |      | 65.0  |         |
|           |  | Z | 8.16  | 89.81  | 29.06 |      | 65.0  |         |
| 10173-CAB | LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM)    | X | 11.44 | 89.26  | 24.78 | 6.02 | 65.0  | ± 9.6 % |
|           |  | Y | 21.26 | 103.86 | 30.59 |      | 65.0  |         |
|           |  | Z | 16.70 | 101.03 | 31.14 |      | 65.0  |         |
| 10174-CAB | LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 64-QAM)    | X | 8.79  | 84.03  | 22.55 | 6.02 | 65.0  | ± 9.6 % |
|           |  | Y | 16.93 | 98.20  | 28.28 |      | 65.0  |         |
|           |  | Z | 14.42 | 96.84  | 29.27 |      | 65.0  |         |
| 10175-CAC | LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK)      | X | 3.18  | 69.49  | 18.85 | 3.01 | 150.0 | ± 9.6 % |
|           |  | Y | 3.03  | 69.58  | 19.42 |      | 150.0 |         |
|           |  | Z | 3.18  | 69.01  | 19.16 |      | 150.0 |         |
| 10176-CAC | LTE-FDD (SC-FDMA, 1 RB, 10 MHz, 16-QAM)    | X | 4.80  | 76.97  | 21.87 | 3.01 | 150.0 | ± 9.6 % |
|           |  | Y | 4.34  | 76.66  | 22.34 |      | 150.0 |         |
|           |  | Z | 4.37  | 75.31  | 21.87 |      | 150.0 |         |
| 10177-CAE | LTE-FDD (SC-FDMA, 1 RB, 5 MHz, QPSK)       | X | 3.21  | 69.69  | 18.97 | 3.01 | 150.0 | ± 9.6 % |
|           |  | Y | 3.05  | 69.76  | 19.52 |      | 150.0 |         |
|           |  | Z | 3.21  | 69.20  | 19.28 |      | 150.0 |         |
| 10178-CAC | LTE-FDD (SC-FDMA, 1 RB, 5 MHz, 16-QAM)     | X | 4.72  | 76.63  | 21.70 | 3.01 | 150.0 | ± 9.6 % |
|           |  | Y | 4.28  | 76.37  | 22.19 |      | 150.0 |         |
|           |  | Z | 4.31  | 75.00  | 21.70 |      | 150.0 |         |
| 10179-CAC | LTE-FDD (SC-FDMA, 1 RB, 10 MHz, 64-QAM)    | X | 4.19  | 74.10  | 20.08 | 3.01 | 150.0 | ± 9.6 % |
|           |  | Y | 3.89  | 74.25  | 20.74 |      | 150.0 |         |
|           |  | Z | 3.95  | 73.09  | 20.34 |      | 150.0 |         |
| 10180-CAC | LTE-FDD (SC-FDMA, 1 RB, 5 MHz, 64-QAM)     | X | 3.73  | 71.68  | 18.62 | 3.01 | 150.0 | ± 9.6 % |
|           |  | Y | 3.49  | 71.99  | 19.34 |      | 150.0 |         |
|           |  | Z | 3.60  | 71.06  | 19.03 |      | 150.0 |         |
| 10181-CAB | LTE-FDD (SC-FDMA, 1 RB, 15 MHz, QPSK)      | X | 3.20  | 69.67  | 18.96 | 3.01 | 150.0 | ± 9.6 % |
|           |  | Y | 3.05  | 69.74  | 19.51 |      | 150.0 |         |
|           |  | Z | 3.21  | 69.17  | 19.27 |      | 150.0 |         |
| 10182-CAB | LTE-FDD (SC-FDMA, 1 RB, 15 MHz, 16-QAM)    | X | 4.71  | 76.60  | 21.69 | 3.01 | 150.0 | ± 9.6 % |
|           |  | Y | 4.27  | 76.34  | 22.18 |      | 150.0 |         |
|           |  | Z | 4.30  | 74.97  | 21.69 |      | 150.0 |         |
| 10183-AAA | LTE-FDD (SC-FDMA, 1 RB, 15 MHz, 64-QAM)    | X | 3.72  | 71.66  | 18.61 | 3.01 | 150.0 | ± 9.6 % |
|           |  | Y | 3.49  | 71.96  | 19.32 |      | 150.0 |         |
|           |  | Z | 3.59  | 71.03  | 19.02 |      | 150.0 |         |

|           |   |   |      |       |       |      |       |         |
|-----------|---|---|------|-------|-------|------|-------|---------|
| 10184-CAC | LTE-FDD (SC-FDMA, 1 RB, 3 MHz, QPSK)          | X | 3.21 | 69.72 | 18.99 | 3.01 | 150.0 | ± 9.6 % |
|           |   | Y | 3.06 | 69.78 | 19.54 |      | 150.0 |         |
|           |   | Z | 3.22 | 69.22 | 19.29 |      | 150.0 |         |
| 10185-CAC | LTE-FDD (SC-FDMA, 1 RB, 3 MHz, 16-QAM)        | X | 4.74 | 76.69 | 21.73 | 3.01 | 150.0 | ± 9.6 % |
|           |   | Y | 4.29 | 76.42 | 22.22 |      | 150.0 |         |
|           |   | Z | 4.32 | 75.05 | 21.72 |      | 150.0 |         |
| 10186-AAC | LTE-FDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM)        | X | 3.74 | 71.73 | 18.65 | 3.01 | 150.0 | ± 9.6 % |
|           |   | Y | 3.51 | 72.04 | 19.36 |      | 150.0 |         |
|           |   | Z | 3.61 | 71.10 | 19.06 |      | 150.0 |         |
| 10187-CAC | LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, QPSK)        | X | 3.22 | 69.76 | 19.05 | 3.01 | 150.0 | ± 9.6 % |
|           |   | Y | 3.07 | 69.83 | 19.59 |      | 150.0 |         |
|           |   | Z | 3.22 | 69.24 | 19.33 |      | 150.0 |         |
| 10188-CAC | LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM)      | X | 4.95 | 77.59 | 22.21 | 3.01 | 150.0 | ± 9.6 % |
|           |   | Y | 4.45 | 77.20 | 22.64 |      | 150.0 |         |
|           |   | Z | 4.48 | 75.81 | 22.15 |      | 150.0 |         |
| 10189-AAC | LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM)      | X | 3.84 | 72.24 | 18.96 | 3.01 | 150.0 | ± 9.6 % |
|           |   | Y | 3.59 | 72.52 | 19.66 |      | 150.0 |         |
|           |   | Z | 3.69 | 71.56 | 19.35 |      | 150.0 |         |
| 10193-CAB | IEEE 802.11n (HT Greenfield, 6.5 Mbps, BPSK)  | X | 4.60 | 66.63 | 16.23 | 0.00 | 150.0 | ± 9.6 % |
|           |   | Y | 4.65 | 66.97 | 16.59 |      | 150.0 |         |
|           |   | Z | 4.65 | 66.08 | 15.87 |      | 150.0 |         |
| 10194-CAB | IEEE 802.11n (HT Greenfield, 39 Mbps, 16-QAM) | X | 4.79 | 66.97 | 16.35 | 0.00 | 150.0 | ± 9.6 % |
|           |   | Y | 4.84 | 67.32 | 16.70 |      | 150.0 |         |
|           |   | Z | 4.84 | 66.44 | 15.98 |      | 150.0 |         |
| 10195-CAB | IEEE 802.11n (HT Greenfield, 65 Mbps, 64-QAM) | X | 4.83 | 66.99 | 16.36 | 0.00 | 150.0 | ± 9.6 % |
|           |   | Y | 4.88 | 67.33 | 16.71 |      | 150.0 |         |
|           |   | Z | 4.88 | 66.46 | 16.00 |      | 150.0 |         |
| 10196-CAB | IEEE 802.11n (HT Mixed, 6.5 Mbps, BPSK)       | X | 4.61 | 66.71 | 16.26 | 0.00 | 150.0 | ± 9.6 % |
|           |   | Y | 4.66 | 67.06 | 16.62 |      | 150.0 |         |
|           |   | Z | 4.67 | 66.17 | 15.90 |      | 150.0 |         |
| 10197-CAB | IEEE 802.11n (HT Mixed, 39 Mbps, 16-QAM)      | X | 4.80 | 66.99 | 16.36 | 0.00 | 150.0 | ± 9.6 % |
|           |   | Y | 4.85 | 67.34 | 16.71 |      | 150.0 |         |
|           |   | Z | 4.86 | 66.46 | 15.99 |      | 150.0 |         |
| 10198-CAB | IEEE 802.11n (HT Mixed, 65 Mbps, 64-QAM)      | X | 4.83 | 67.01 | 16.37 | 0.00 | 150.0 | ± 9.6 % |
|           |   | Y | 4.88 | 67.35 | 16.72 |      | 150.0 |         |
|           |   | Z | 4.89 | 66.47 | 16.01 |      | 150.0 |         |
| 10219-CAB | IEEE 802.11n (HT Mixed, 7.2 Mbps, BPSK)       | X | 4.56 | 66.73 | 16.22 | 0.00 | 150.0 | ± 9.6 % |
|           |   | Y | 4.61 | 67.09 | 16.59 |      | 150.0 |         |
|           |   | Z | 4.61 | 66.17 | 15.85 |      | 150.0 |         |
| 10220-CAB | IEEE 802.11n (HT Mixed, 43.3 Mbps, 16-QAM)    | X | 4.80 | 66.97 | 16.35 | 0.00 | 150.0 | ± 9.6 % |
|           |   | Y | 4.85 | 67.32 | 16.71 |      | 150.0 |         |
|           |   | Z | 4.86 | 66.45 | 15.99 |      | 150.0 |         |
| 10221-CAB | IEEE 802.11n (HT Mixed, 72.2 Mbps, 64-QAM)    | X | 4.84 | 66.94 | 16.36 | 0.00 | 150.0 | ± 9.6 % |
|           |   | Y | 4.89 | 67.27 | 16.71 |      | 150.0 |         |
|           |   | Z | 4.90 | 66.42 | 16.00 |      | 150.0 |         |
| 10222-CAB | IEEE 802.11n (HT Mixed, 15 Mbps, BPSK)        | X | 5.15 | 67.16 | 16.46 | 0.00 | 150.0 | ± 9.6 % |
|           |   | Y | 5.20 | 67.47 | 16.79 |      | 150.0 |         |
|           |   | Z | 5.21 | 66.73 | 16.15 |      | 150.0 |         |

|           |   |   |       |        |       |      |       |         |
|-----------|---|---|-------|--------|-------|------|-------|---------|
| 10223-CAB | IEEE 802.11n (HT Mixed, 90 Mbps, 16-QAM)  | X | 5.47  | 67.34  | 16.57 | 0.00 | 150.0 | ± 9.6 % |
|           |   | Y | 5.51  | 67.63  | 16.88 |      | 150.0 |         |
|           |   | Z | 5.59  | 67.12  | 16.38 |      | 150.0 |         |
| 10224-CAB | IEEE 802.11n (HT Mixed, 150 Mbps, 64-QAM) | X | 5.20  | 67.26  | 16.44 | 0.00 | 150.0 | ± 9.6 % |
|           |   | Y | 5.25  | 67.57  | 16.77 |      | 150.0 |         |
|           |   | Z | 5.25  | 66.82  | 16.13 |      | 150.0 |         |
| 10225-CAB | UMTS-FDD (HSPA+)                          | X | 2.88  | 66.22  | 15.55 | 0.00 | 150.0 | ± 9.6 % |
|           |   | Y | 2.97  | 67.09  | 16.26 |      | 150.0 |         |
|           |   | Z | 2.87  | 65.11  | 14.86 |      | 150.0 |         |
| 10226-CAA | LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM)  | X | 12.20 | 90.44  | 25.26 | 6.02 | 65.0  | ± 9.6 % |
|           |   | Y | 23.20 | 105.60 | 31.19 |      | 65.0  |         |
|           |   | Z | 17.85 | 102.44 | 31.67 |      | 65.0  |         |
| 10227-CAA | LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM)  | X | 10.85 | 87.30  | 23.69 | 6.02 | 65.0  | ± 9.6 % |
|           |   | Y | 19.71 | 100.90 | 29.16 |      | 65.0  |         |
|           |   | Z | 17.17 | 100.20 | 30.40 |      | 65.0  |         |
| 10228-CAA | LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, QPSK)    | X | 9.09  | 89.40  | 26.73 | 6.02 | 65.0  | ± 9.6 % |
|           |   | Y | 13.31 | 100.40 | 31.73 |      | 65.0  |         |
|           |   | Z | 9.00  | 92.29  | 30.06 |      | 65.0  |         |
| 10229-CAB | LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 16-QAM)    | X | 11.53 | 89.36  | 24.82 | 6.02 | 65.0  | ± 9.6 % |
|           |   | Y | 21.40 | 103.96 | 30.63 |      | 65.0  |         |
|           |   | Z | 16.83 | 101.14 | 31.18 |      | 65.0  |         |
| 10230-CAB | LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM)    | X | 10.28 | 86.36  | 23.30 | 6.02 | 65.0  | ± 9.6 % |
|           |   | Y | 18.29 | 99.48  | 28.66 |      | 65.0  |         |
|           |   | Z | 16.16 | 98.96  | 29.94 |      | 65.0  |         |
| 10231-CAB | LTE-TDD (SC-FDMA, 1 RB, 3 MHz, QPSK)      | X | 8.68  | 88.47  | 26.33 | 6.02 | 65.0  | ± 9.6 % |
|           |   | Y | 12.60 | 99.20  | 31.27 |      | 65.0  |         |
|           |   | Z | 8.68  | 91.47  | 29.70 |      | 65.0  |         |
| 10232-CAB | LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 16-QAM)    | X | 11.51 | 89.34  | 24.82 | 6.02 | 65.0  | ± 9.6 % |
|           |   | Y | 21.38 | 103.95 | 30.62 |      | 65.0  |         |
|           |   | Z | 16.80 | 101.12 | 31.17 |      | 65.0  |         |
| 10233-CAB | LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 64-QAM)    | X | 10.26 | 86.35  | 23.29 | 6.02 | 65.0  | ± 9.6 % |
|           |   | Y | 18.26 | 99.47  | 28.66 |      | 65.0  |         |
|           |   | Z | 16.12 | 98.94  | 29.93 |      | 65.0  |         |
| 10234-CAB | LTE-TDD (SC-FDMA, 1 RB, 5 MHz, QPSK)      | X | 8.32  | 87.56  | 25.91 | 6.02 | 65.0  | ± 9.6 % |
|           |   | Y | 12.01 | 98.07  | 30.79 |      | 65.0  |         |
|           |   | Z | 8.43  | 90.73  | 29.33 |      | 65.0  |         |
| 10235-CAB | LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 16-QAM)   | X | 11.51 | 89.37  | 24.82 | 6.02 | 65.0  | ± 9.6 % |
|           |   | Y | 21.43 | 104.01 | 30.64 |      | 65.0  |         |
|           |   | Z | 16.80 | 101.15 | 31.18 |      | 65.0  |         |
| 10236-CAB | LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 64-QAM)   | X | 10.35 | 86.45  | 23.32 | 6.02 | 65.0  | ± 9.6 % |
|           |   | Y | 18.53 | 99.69  | 28.72 |      | 65.0  |         |
|           |   | Z | 16.34 | 99.16  | 29.99 |      | 65.0  |         |
| 10237-CAB | LTE-TDD (SC-FDMA, 1 RB, 10 MHz, QPSK)     | X | 8.69  | 88.52  | 26.35 | 6.02 | 65.0  | ± 9.6 % |
|           |   | Y | 12.66 | 99.34  | 31.31 |      | 65.0  |         |
|           |   | Z | 8.69  | 91.53  | 29.72 |      | 65.0  |         |
| 10238-CAB | LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 16-QAM)   | X | 11.48 | 89.32  | 24.81 | 6.02 | 65.0  | ± 9.6 % |
|           |   | Y | 21.34 | 103.94 | 30.62 |      | 65.0  |         |
|           |   | Z | 16.76 | 101.10 | 31.16 |      | 65.0  |         |

|           |  |   |       |       |       |      |      |         |
|-----------|--|---|-------|-------|-------|------|------|---------|
| 10239-CAB | LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 64-QAM)    | X | 10.24 | 86.32 | 23.28 | 6.02 | 65.0 | ± 9.6 % |
|           |  | Y | 18.22 | 99.45 | 28.65 |      | 65.0 |         |
|           |  | Z | 16.08 | 98.91 | 29.93 |      | 65.0 |         |
| 10240-CAB | LTE-TDD (SC-FDMA, 1 RB, 15 MHz, QPSK)      | X | 8.66  | 88.47 | 26.33 | 6.02 | 65.0 | ± 9.6 % |
|           |  | Y | 12.61 | 99.27 | 31.29 |      | 65.0 |         |
|           |  | Z | 8.66  | 91.48 | 29.70 |      | 65.0 |         |
| 10241-CAA | LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 16-QAM) | X | 8.17  | 79.49 | 24.14 | 6.98 | 65.0 | ± 9.6 % |
|           |  | Y | 8.14  | 80.81 | 25.43 |      | 65.0 |         |
|           |  | Z | 7.67  | 78.70 | 25.18 |      | 65.0 |         |
| 10242-CAA | LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 64-QAM) | X | 7.49  | 77.70 | 23.32 | 6.98 | 65.0 | ± 9.6 % |
|           |  | Y | 7.96  | 80.31 | 25.14 |      | 65.0 |         |
|           |  | Z | 7.37  | 77.74 | 24.67 |      | 65.0 |         |
| 10243-CAA | LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, QPSK)   | X | 6.07  | 74.61 | 22.85 | 6.98 | 65.0 | ± 9.6 % |
|           |  | Y | 6.41  | 76.91 | 24.61 |      | 65.0 |         |
|           |  | Z | 6.07  | 74.44 | 23.97 |      | 65.0 |         |
| 10244-CAB | LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 16-QAM)   | X | 5.57  | 73.44 | 17.36 | 3.98 | 65.0 | ± 9.6 % |
|           |  | Y | 6.50  | 77.42 | 19.74 |      | 65.0 |         |
|           |  | Z | 6.94  | 79.37 | 21.90 |      | 65.0 |         |
| 10245-CAB | LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 64-QAM)   | X | 5.52  | 73.06 | 17.16 | 3.98 | 65.0 | ± 9.6 % |
|           |  | Y | 6.35  | 76.78 | 19.43 |      | 65.0 |         |
|           |  | Z | 6.86  | 78.86 | 21.63 |      | 65.0 |         |
| 10246-CAB | LTE-TDD (SC-FDMA, 50% RB, 3 MHz, QPSK)     | X | 5.05  | 75.36 | 18.38 | 3.98 | 65.0 | ± 9.6 % |
|           |  | Y | 7.15  | 82.72 | 22.03 |      | 65.0 |         |
|           |  | Z | 5.05  | 76.83 | 20.45 |      | 65.0 |         |
| 10247-CAB | LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM)   | X | 5.02  | 72.57 | 17.90 | 3.98 | 65.0 | ± 9.6 % |
|           |  | Y | 5.55  | 75.48 | 19.82 |      | 65.0 |         |
|           |  | Z | 4.85  | 72.71 | 19.13 |      | 65.0 |         |
| 10248-CAB | LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 64-QAM)   | X | 5.06  | 72.20 | 17.73 | 3.98 | 65.0 | ± 9.6 % |
|           |  | Y | 5.52  | 74.84 | 19.52 |      | 65.0 |         |
|           |  | Z | 4.92  | 72.36 | 18.93 |      | 65.0 |         |
| 10249-CAB | LTE-TDD (SC-FDMA, 50% RB, 5 MHz, QPSK)     | X | 5.95  | 77.90 | 20.16 | 3.98 | 65.0 | ± 9.6 % |
|           |  | Y | 8.13  | 85.02 | 23.67 |      | 65.0 |         |
|           |  | Z | 5.52  | 77.92 | 21.45 |      | 65.0 |         |
| 10250-CAB | LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM)  | X | 5.90  | 74.87 | 20.31 | 3.98 | 65.0 | ± 9.6 % |
|           |  | Y | 6.23  | 77.04 | 21.89 |      | 65.0 |         |
|           |  | Z | 5.41  | 73.70 | 20.69 |      | 65.0 |         |
| 10251-CAB | LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM)  | X | 5.69  | 73.01 | 19.19 | 3.98 | 65.0 | ± 9.6 % |
|           |  | Y | 5.94  | 74.85 | 20.61 |      | 65.0 |         |
|           |  | Z | 5.33  | 72.15 | 19.66 |      | 65.0 |         |
| 10252-CAB | LTE-TDD (SC-FDMA, 50% RB, 10 MHz, QPSK)    | X | 6.38  | 78.08 | 21.03 | 3.98 | 65.0 | ± 9.6 % |
|           |  | Y | 7.67  | 82.96 | 23.70 |      | 65.0 |         |
|           |  | Z | 5.74  | 77.07 | 21.63 |      | 65.0 |         |
| 10253-CAB | LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 16-QAM)  | X | 5.79  | 72.35 | 19.22 | 3.98 | 65.0 | ± 9.6 % |
|           |  | Y | 5.93  | 73.72 | 20.41 |      | 65.0 |         |
|           |  | Z | 5.43  | 71.38 | 19.51 |      | 65.0 |         |
| 10254-CAB | LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 64-QAM)  | X | 6.14  | 73.24 | 19.93 | 3.98 | 65.0 | ± 9.6 % |
|           |  | Y | 6.26  | 74.52 | 21.06 |      | 65.0 |         |
|           |  | Z | 5.72  | 72.08 | 20.13 |      | 65.0 |         |