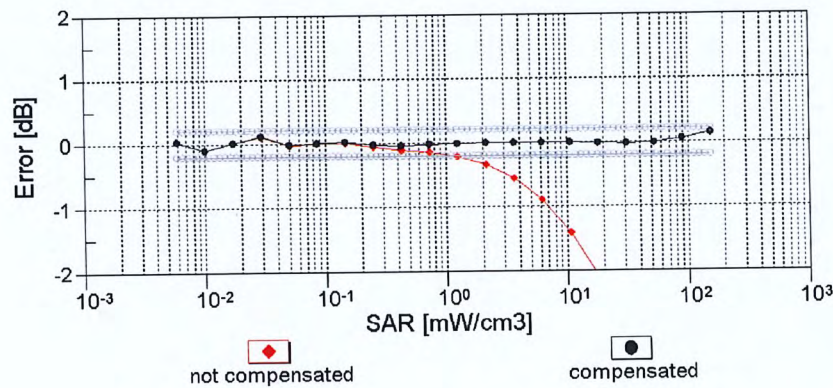
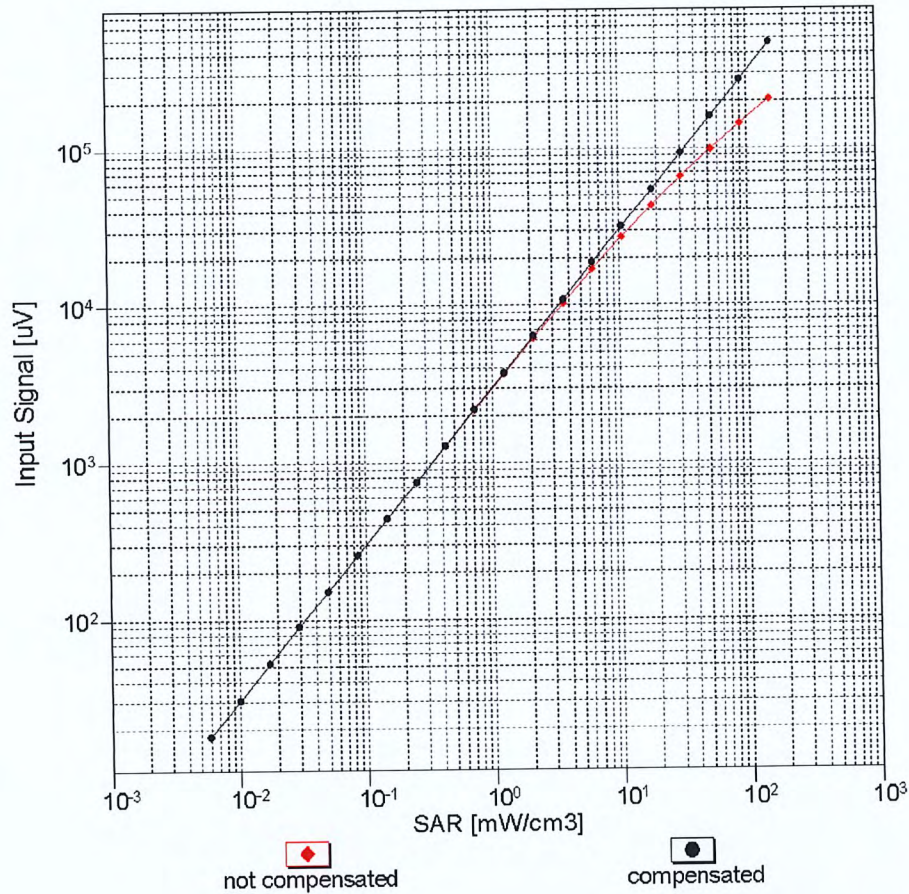
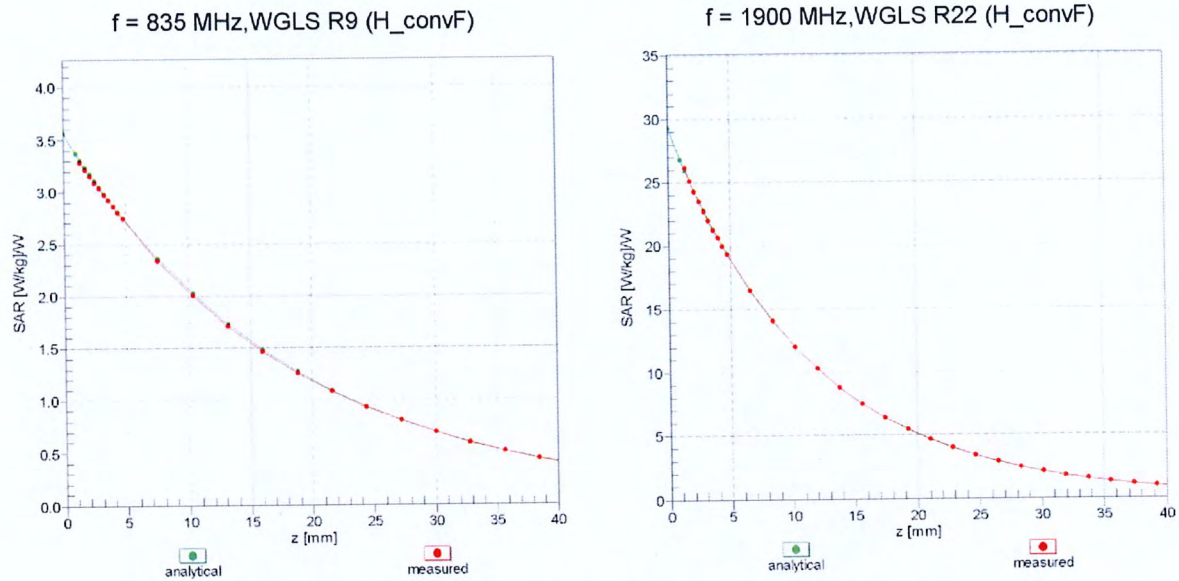


Dynamic Range f(SAR<sub>head</sub>)  
(TEM cell , f<sub>eval</sub>= 1900 MHz)



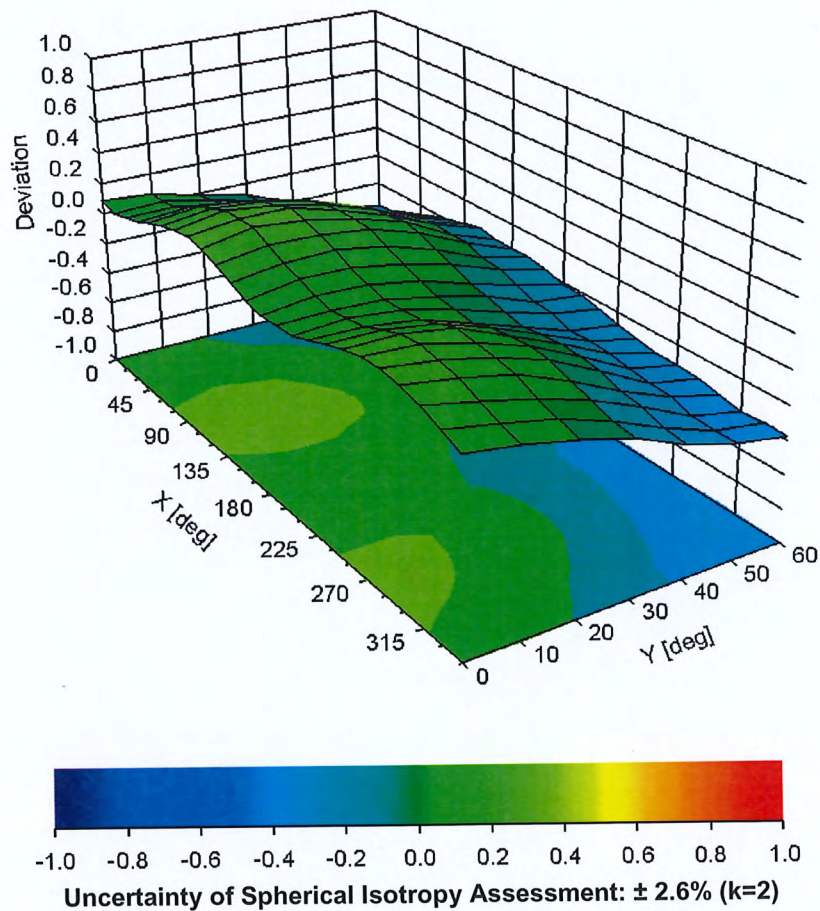
Uncertainty of Linearity Assessment: ± 0.6% (k=2)

## Conversion Factor Assessment



## Deviation from Isotropy in Liquid

Error ( $\phi$ ,  $\theta$ ),  $f = 900 \text{ MHz}$



## DASY/EASY - Parameters of Probe: EX3DV4 - SN:7490

### Other Probe Parameters

|                                               |            |
|-----------------------------------------------|------------|
| Sensor Arrangement                            | Triangular |
| Connector Angle (°)                           | -23.2      |
| 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    | 140.0    | $\pm 3.5 \%$                     |
|               |                                               | Y | 0.00    | 0.00                   | 1.00  |         | 144.6    |                                  |
|               |                                               | Z | 0.00    | 0.00                   | 1.00  |         | 139.9    |                                  |
| 10010-<br>CAA | SAR Validation (Square, 100ms, 10ms)          | X | 1.30    | 61.38                  | 6.72  | 10.00   | 20.0     | $\pm 9.6 \%$                     |
|               |                                               | Y | 1.36    | 61.26                  | 6.75  |         | 20.0     |                                  |
|               |                                               | Z | 1.76    | 64.62                  | 8.99  |         | 20.0     |                                  |
| 10011-<br>CAB | UMTS-FDD (WCDMA)                              | X | 1.07    | 69.33                  | 16.25 | 0.00    | 150.0    | $\pm 9.6 \%$                     |
|               |                                               | Y | 0.80    | 64.87                  | 13.07 |         | 150.0    |                                  |
|               |                                               | Z | 1.04    | 68.24                  | 15.67 |         | 150.0    |                                  |
| 10012-<br>CAB | IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps)      | X | 1.12    | 63.93                  | 15.36 | 0.41    | 150.0    | $\pm 9.6 \%$                     |
|               |                                               | Y | 1.01    | 62.41                  | 14.00 |         | 150.0    |                                  |
|               |                                               | Z | 1.14    | 63.88                  | 15.40 |         | 150.0    |                                  |
| 10013-<br>CAB | IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps) | X | 4.61    | 66.70                  | 16.96 | 1.46    | 150.0    | $\pm 9.6 \%$                     |
|               |                                               | Y | 4.53    | 66.37                  | 16.73 |         | 150.0    |                                  |
|               |                                               | Z | 4.73    | 66.80                  | 17.19 |         | 150.0    |                                  |
| 10021-<br>DAC | GSM-FDD (TDMA, GMSK)                          | X | 7.49    | 77.69                  | 14.36 | 9.39    | 50.0     | $\pm 9.6 \%$                     |
|               |                                               | Y | 5.81    | 75.44                  | 13.94 |         | 50.0     |                                  |
|               |                                               | Z | 100.00  | 111.54                 | 25.38 |         | 50.0     |                                  |
| 10023-<br>DAC | GPRS-FDD (TDMA, GMSK, TN 0)                   | X | 4.68    | 73.01                  | 12.78 | 9.57    | 50.0     | $\pm 9.6 \%$                     |
|               |                                               | Y | 4.25    | 72.06                  | 12.73 |         | 50.0     |                                  |
|               |                                               | Z | 100.00  | 110.58                 | 25.00 |         | 50.0     |                                  |
| 10024-<br>DAC | GPRS-FDD (TDMA, GMSK, TN 0-1)                 | X | 100.00  | 99.84                  | 18.79 | 6.56    | 60.0     | $\pm 9.6 \%$                     |
|               |                                               | Y | 3.28    | 72.62                  | 11.75 |         | 60.0     |                                  |
|               |                                               | Z | 100.00  | 116.01                 | 26.23 |         | 60.0     |                                  |
| 10025-<br>DAC | EDGE-FDD (TDMA, 8PSK, TN 0)                   | X | 4.43    | 75.85                  | 29.78 | 12.57   | 50.0     | $\pm 9.6 \%$                     |
|               |                                               | Y | 3.30    | 65.29                  | 23.38 |         | 50.0     |                                  |
|               |                                               | Z | 5.60    | 84.24                  | 35.07 |         | 50.0     |                                  |
| 10026-<br>DAC | EDGE-FDD (TDMA, 8PSK, TN 0-1)                 | X | 5.43    | 83.15                  | 29.92 | 9.56    | 60.0     | $\pm 9.6 \%$                     |
|               |                                               | Y | 4.75    | 79.10                  | 27.92 |         | 60.0     |                                  |
|               |                                               | Z | 6.58    | 88.53                  | 32.93 |         | 60.0     |                                  |
| 10027-<br>DAC | GPRS-FDD (TDMA, GMSK, TN 0-1-2)               | X | 100.00  | 100.52                 | 18.40 | 4.80    | 80.0     | $\pm 9.6 \%$                     |
|               |                                               | Y | 2.04    | 70.52                  | 10.18 |         | 80.0     |                                  |
|               |                                               | Z | 100.00  | 123.36                 | 28.53 |         | 80.0     |                                  |
| 10028-<br>DAC | GPRS-FDD (TDMA, GMSK, TN 0-1-2-3)             | X | 100.00  | 103.01                 | 18.87 | 3.55    | 100.0    | $\pm 9.6 \%$                     |
|               |                                               | Y | 0.51    | 62.95                  | 6.58  |         | 100.0    |                                  |
|               |                                               | Z | 100.00  | 134.03                 | 32.15 |         | 100.0    |                                  |
| 10029-<br>DAC | EDGE-FDD (TDMA, 8PSK, TN 0-1-2)               | X | 3.64    | 73.78                  | 24.55 | 7.80    | 80.0     | $\pm 9.6 \%$                     |
|               |                                               | Y | 3.34    | 71.51                  | 23.34 |         | 80.0     |                                  |
|               |                                               | Z | 4.18    | 76.95                  | 26.59 |         | 80.0     |                                  |
| 10030-<br>CAA | IEEE 802.15.1 Bluetooth (GFSK, DH1)           | X | 11.26   | 81.95                  | 13.83 | 5.30    | 70.0     | $\pm 9.6 \%$                     |
|               |                                               | Y | 0.96    | 64.08                  | 7.79  |         | 70.0     |                                  |
|               |                                               | Z | 100.00  | 115.51                 | 25.51 |         | 70.0     |                                  |
| 10031-<br>CAA | IEEE 802.15.1 Bluetooth (GFSK, DH3)           | X | 100.00  | 93.95                  | 14.27 | 1.88    | 100.0    | $\pm 9.6 \%$                     |
|               |                                               | Y | 0.26    | 60.00                  | 2.61  |         | 100.0    |                                  |
|               |                                               | Z | 100.00  | 135.95                 | 31.13 |         | 100.0    |                                  |

|           |                                                     |   |        |        |       |       |       |         |
|-----------|-----------------------------------------------------|---|--------|--------|-------|-------|-------|---------|
| 10032-CAA | IEEE 802.15.1 Bluetooth (GFSK, DH5)                 | X | 100.00 | 102.24 | 16.81 | 1.17  | 100.0 | ± 9.6 % |
|           |                                                     | Y | 4.76   | 67.08  | 2.08  |       | 100.0 |         |
|           |                                                     | Z | 100.00 | 163.19 | 40.16 |       | 100.0 |         |
| 10033-CAA | IEEE 802.15.1 Bluetooth (PI/4-DQPSK, DH1)           | X | 5.18   | 82.93  | 20.02 | 5.30  | 70.0  | ± 9.6 % |
|           |                                                     | Y | 3.01   | 75.08  | 16.84 |       | 70.0  |         |
|           |                                                     | Z | 100.00 | 131.72 | 35.09 |       | 70.0  |         |
| 10034-CAA | IEEE 802.15.1 Bluetooth (PI/4-DQPSK, DH3)           | X | 1.81   | 71.75  | 14.48 | 1.88  | 100.0 | ± 9.6 % |
|           |                                                     | Y | 1.01   | 64.78  | 10.62 |       | 100.0 |         |
|           |                                                     | Z | 4.79   | 85.13  | 20.46 |       | 100.0 |         |
| 10035-CAA | IEEE 802.15.1 Bluetooth (PI/4-DQPSK, DH5)           | X | 1.43   | 69.85  | 13.51 | 1.17  | 100.0 | ± 9.6 % |
|           |                                                     | Y | 0.82   | 63.38  | 9.59  |       | 100.0 |         |
|           |                                                     | Z | 2.39   | 76.52  | 17.08 |       | 100.0 |         |
| 10036-CAA | IEEE 802.15.1 Bluetooth (8-DPSK, DH1)               | X | 7.16   | 87.65  | 21.63 | 5.30  | 70.0  | ± 9.6 % |
|           |                                                     | Y | 3.60   | 77.69  | 17.89 |       | 70.0  |         |
|           |                                                     | Z | 100.00 | 132.41 | 35.39 |       | 70.0  |         |
| 10037-CAA | IEEE 802.15.1 Bluetooth (8-DPSK, DH3)               | X | 1.61   | 70.48  | 13.96 | 1.88  | 100.0 | ± 9.6 % |
|           |                                                     | Y | 0.96   | 64.30  | 10.38 |       | 100.0 |         |
|           |                                                     | Z | 3.86   | 82.45  | 19.58 |       | 100.0 |         |
| 10038-CAA | IEEE 802.15.1 Bluetooth (8-DPSK, DH5)               | X | 1.44   | 70.22  | 13.81 | 1.17  | 100.0 | ± 9.6 % |
|           |                                                     | Y | 0.82   | 63.53  | 9.79  |       | 100.0 |         |
|           |                                                     | Z | 2.41   | 76.99  | 17.41 |       | 100.0 |         |
| 10039-CAB | CDMA2000 (1xRTT, RC1)                               | X | 1.63   | 71.81  | 14.08 | 0.00  | 150.0 | ± 9.6 % |
|           |                                                     | Y | 0.72   | 62.59  | 8.69  |       | 150.0 |         |
|           |                                                     | Z | 1.57   | 70.90  | 14.13 |       | 150.0 |         |
| 10042-CAB | IS-54 / IS-136 FDD (TDMA/FDM, PI/4-DQPSK, Halfrate) | X | 2.07   | 67.31  | 9.84  | 7.78  | 50.0  | ± 9.6 % |
|           |                                                     | Y | 1.57   | 64.78  | 8.79  |       | 50.0  |         |
|           |                                                     | Z | 100.00 | 108.73 | 23.38 |       | 50.0  |         |
| 10044-CAA | IS-91/EIA/TIA-553 FDD (FDMA, FM)                    | X | 0.00   | 103.21 | 1.81  | 0.00  | 150.0 | ± 9.6 % |
|           |                                                     | Y | 0.07   | 121.28 | 6.55  |       | 150.0 |         |
|           |                                                     | Z | 0.00   | 103.45 | 3.03  |       | 150.0 |         |
| 10048-CAA | DECT (TDD, TDMA/FDM, GFSK, Full Slot, 24)           | X | 3.46   | 65.63  | 11.10 | 13.80 | 25.0  | ± 9.6 % |
|           |                                                     | Y | 3.94   | 66.46  | 11.85 |       | 25.0  |         |
|           |                                                     | Z | 100.00 | 105.10 | 24.09 |       | 25.0  |         |
| 10049-CAA | DECT (TDD, TDMA/FDM, GFSK, Double Slot, 12)         | X | 3.44   | 68.56  | 11.20 | 10.79 | 40.0  | ± 9.6 % |
|           |                                                     | Y | 3.61   | 68.77  | 11.61 |       | 40.0  |         |
|           |                                                     | Z | 508.75 | 125.50 | 27.80 |       | 40.0  |         |
| 10056-CAA | UMTS-TDD (TD-SCDMA, 1.28 Mcps)                      | X | 20.84  | 95.60  | 23.61 | 9.03  | 50.0  | ± 9.6 % |
|           |                                                     | Y | 10.74  | 86.04  | 20.65 |       | 50.0  |         |
|           |                                                     | Z | 100.00 | 124.55 | 33.03 |       | 50.0  |         |
| 10058-DAC | EDGE-FDD (TDMA, 8PSK, TN 0-1-2-3)                   | X | 3.04   | 70.33  | 22.11 | 6.55  | 100.0 | ± 9.6 % |
|           |                                                     | Y | 2.83   | 68.60  | 21.16 |       | 100.0 |         |
|           |                                                     | Z | 3.41   | 72.64  | 23.68 |       | 100.0 |         |
| 10059-CAB | IEEE 802.11b WiFi 2.4 GHz (DSSS, 2 Mbps)            | X | 1.11   | 64.56  | 15.73 | 0.61  | 110.0 | ± 9.6 % |
|           |                                                     | Y | 1.00   | 62.89  | 14.29 |       | 110.0 |         |
|           |                                                     | Z | 1.15   | 64.80  | 16.00 |       | 110.0 |         |
| 10060-CAB | IEEE 802.11b WiFi 2.4 GHz (DSSS, 5.5 Mbps)          | X | 5.53   | 99.95  | 27.34 | 1.30  | 110.0 | ± 9.6 % |
|           |                                                     | Y | 1.31   | 76.58  | 18.46 |       | 110.0 |         |
|           |                                                     | Z | 56.23  | 138.70 | 37.66 |       | 110.0 |         |

|           |                                                |   |      |       |       |      |       |         |
|-----------|------------------------------------------------|---|------|-------|-------|------|-------|---------|
| 10061-CAB | IEEE 802.11b WiFi 2.4 GHz (DSSS, 11 Mbps)      | X | 1.64 | 73.96 | 19.95 | 2.04 | 110.0 | ± 9.6 % |
|           |                                                | Y | 1.27 | 69.64 | 17.54 |      | 110.0 |         |
|           |                                                | Z | 2.25 | 79.57 | 22.91 |      | 110.0 |         |
| 10062-CAC | IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps)       | X | 4.44 | 66.80 | 16.48 | 0.49 | 100.0 | ± 9.6 % |
|           |                                                | Y | 4.34 | 66.35 | 16.16 |      | 100.0 |         |
|           |                                                | Z | 4.53 | 66.78 | 16.59 |      | 100.0 |         |
| 10063-CAC | IEEE 802.11a/h WiFi 5 GHz (OFDM, 9 Mbps)       | X | 4.45 | 66.86 | 16.55 | 0.72 | 100.0 | ± 9.6 % |
|           |                                                | Y | 4.35 | 66.43 | 16.24 |      | 100.0 |         |
|           |                                                | Z | 4.55 | 66.87 | 16.69 |      | 100.0 |         |
| 10064-CAC | IEEE 802.11a/h WiFi 5 GHz (OFDM, 12 Mbps)      | X | 4.68 | 67.02 | 16.72 | 0.86 | 100.0 | ± 9.6 % |
|           |                                                | Y | 4.58 | 66.63 | 16.45 |      | 100.0 |         |
|           |                                                | Z | 4.80 | 67.08 | 16.90 |      | 100.0 |         |
| 10065-CAC | IEEE 802.11a/h WiFi 5 GHz (OFDM, 18 Mbps)      | X | 4.53 | 66.81 | 16.76 | 1.21 | 100.0 | ± 9.6 % |
|           |                                                | Y | 4.44 | 66.43 | 16.50 |      | 100.0 |         |
|           |                                                | Z | 4.66 | 66.94 | 16.99 |      | 100.0 |         |
| 10066-CAC | IEEE 802.11a/h WiFi 5 GHz (OFDM, 24 Mbps)      | X | 4.53 | 66.75 | 16.88 | 1.46 | 100.0 | ± 9.6 % |
|           |                                                | Y | 4.44 | 66.40 | 16.63 |      | 100.0 |         |
|           |                                                | Z | 4.67 | 66.94 | 17.16 |      | 100.0 |         |
| 10067-CAC | IEEE 802.11a/h WiFi 5 GHz (OFDM, 36 Mbps)      | X | 4.80 | 66.99 | 17.32 | 2.04 | 100.0 | ± 9.6 % |
|           |                                                | Y | 4.72 | 66.69 | 17.12 |      | 100.0 |         |
|           |                                                | Z | 4.96 | 67.20 | 17.65 |      | 100.0 |         |
| 10068-CAC | IEEE 802.11a/h WiFi 5 GHz (OFDM, 48 Mbps)      | X | 4.81 | 66.84 | 17.44 | 2.55 | 100.0 | ± 9.6 % |
|           |                                                | Y | 4.74 | 66.57 | 17.27 |      | 100.0 |         |
|           |                                                | Z | 4.98 | 67.10 | 17.82 |      | 100.0 |         |
| 10069-CAC | IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps)      | X | 4.87 | 66.85 | 17.62 | 2.67 | 100.0 | ± 9.6 % |
|           |                                                | Y | 4.80 | 66.59 | 17.45 |      | 100.0 |         |
|           |                                                | Z | 5.05 | 67.14 | 18.02 |      | 100.0 |         |
| 10071-CAB | IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 9 Mbps)  | X | 4.68 | 66.70 | 17.20 | 1.99 | 100.0 | ± 9.6 % |
|           |                                                | Y | 4.61 | 66.41 | 17.01 |      | 100.0 |         |
|           |                                                | Z | 4.81 | 66.85 | 17.49 |      | 100.0 |         |
| 10072-CAB | IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 12 Mbps) | X | 4.62 | 66.87 | 17.35 | 2.30 | 100.0 | ± 9.6 % |
|           |                                                | Y | 4.54 | 66.57 | 17.16 |      | 100.0 |         |
|           |                                                | Z | 4.76 | 67.10 | 17.70 |      | 100.0 |         |
| 10073-CAB | IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 18 Mbps) | X | 4.65 | 66.98 | 17.64 | 2.83 | 100.0 | ± 9.6 % |
|           |                                                | Y | 4.59 | 66.71 | 17.47 |      | 100.0 |         |
|           |                                                | Z | 4.81 | 67.25 | 18.03 |      | 100.0 |         |
| 10074-CAB | IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 24 Mbps) | X | 4.64 | 66.88 | 17.76 | 3.30 | 100.0 | ± 9.6 % |
|           |                                                | Y | 4.59 | 66.64 | 17.61 |      | 100.0 |         |
|           |                                                | Z | 4.80 | 67.15 | 18.18 |      | 100.0 |         |
| 10075-CAB | IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 36 Mbps) | X | 4.64 | 66.81 | 17.97 | 3.82 | 90.0  | ± 9.6 % |
|           |                                                | Y | 4.60 | 66.60 | 17.83 |      | 90.0  |         |
|           |                                                | Z | 4.81 | 67.14 | 18.44 |      | 90.0  |         |
| 10076-CAB | IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 48 Mbps) | X | 4.67 | 66.67 | 18.12 | 4.15 | 90.0  | ± 9.6 % |
|           |                                                | Y | 4.64 | 66.47 | 18.00 |      | 90.0  |         |
|           |                                                | Z | 4.84 | 66.97 | 18.60 |      | 90.0  |         |
| 10077-CAB | IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 54 Mbps) | X | 4.70 | 66.75 | 18.23 | 4.30 | 90.0  | ± 9.6 % |
|           |                                                | Y | 4.67 | 66.56 | 18.11 |      | 90.0  |         |
|           |                                                | Z | 4.86 | 67.05 | 18.70 |      | 90.0  |         |

|           |                                                     |   |        |        |       |      |       |         |
|-----------|-----------------------------------------------------|---|--------|--------|-------|------|-------|---------|
| 10081-CAB | CDMA2000 (1xRTT, RC3)                               | X | 0.70   | 65.46  | 10.84 | 0.00 | 150.0 | ± 9.6 % |
|           |                                                     | Y | 0.40   | 60.16  | 6.65  |      | 150.0 |         |
|           |                                                     | Z | 0.71   | 65.07  | 11.03 |      | 150.0 |         |
| 10082-CAB | IS-54 / IS-136 FDD (TDMA/FDM, PI/4-DQPSK, Fullrate) | X | 6.88   | 60.12  | 1.56  | 4.77 | 80.0  | ± 9.6 % |
|           |                                                     | Y | 3.08   | 113.02 | 6.82  |      | 80.0  |         |
|           |                                                     | Z | 0.54   | 60.00  | 3.49  |      | 80.0  |         |
| 10090-DAC | GPRS-FDD (TDMA, GMSK, TN 0-4)                       | X | 100.00 | 99.83  | 18.80 | 6.56 | 60.0  | ± 9.6 % |
|           |                                                     | Y | 3.49   | 73.11  | 11.93 |      | 60.0  |         |
|           |                                                     | Z | 100.00 | 116.03 | 26.26 |      | 60.0  |         |
| 10097-CAB | UMTS-FDD (HSDPA)                                    | X | 1.91   | 69.70  | 16.32 | 0.00 | 150.0 | ± 9.6 % |
|           |                                                     | Y | 1.57   | 66.54  | 14.18 |      | 150.0 |         |
|           |                                                     | Z | 1.85   | 68.62  | 15.90 |      | 150.0 |         |
| 10098-CAB | UMTS-FDD (HSUPA, Subtest 2)                         | X | 1.88   | 69.66  | 16.31 | 0.00 | 150.0 | ± 9.6 % |
|           |                                                     | Y | 1.54   | 66.46  | 14.14 |      | 150.0 |         |
|           |                                                     | Z | 1.81   | 68.58  | 15.88 |      | 150.0 |         |
| 10099-DAC | EDGE-FDD (TDMA, 8PSK, TN 0-4)                       | X | 5.47   | 83.31  | 29.98 | 9.56 | 60.0  | ± 9.6 % |
|           |                                                     | Y | 4.78   | 79.22  | 27.97 |      | 60.0  |         |
|           |                                                     | Z | 6.64   | 88.74  | 33.01 |      | 60.0  |         |
| 10100-CAD | LTE-FDD (SC-FDMA, 100% RB, 20 MHz, QPSK)            | X | 3.04   | 70.82  | 17.15 | 0.00 | 150.0 | ± 9.6 % |
|           |                                                     | Y | 2.68   | 68.57  | 15.78 |      | 150.0 |         |
|           |                                                     | Z | 3.04   | 70.38  | 16.88 |      | 150.0 |         |
| 10101-CAD | LTE-FDD (SC-FDMA, 100% RB, 20 MHz, 16-QAM)          | X | 3.12   | 67.72  | 16.13 | 0.00 | 150.0 | ± 9.6 % |
|           |                                                     | Y | 2.93   | 66.55  | 15.31 |      | 150.0 |         |
|           |                                                     | Z | 3.14   | 67.50  | 16.01 |      | 150.0 |         |
| 10102-CAD | LTE-FDD (SC-FDMA, 100% RB, 20 MHz, 64-QAM)          | X | 3.22   | 67.72  | 16.22 | 0.00 | 150.0 | ± 9.6 % |
|           |                                                     | Y | 3.04   | 66.62  | 15.45 |      | 150.0 |         |
|           |                                                     | Z | 3.24   | 67.48  | 16.09 |      | 150.0 |         |
| 10103-CAD | LTE-TDD (SC-FDMA, 100% RB, 20 MHz, QPSK)            | X | 4.75   | 73.08  | 19.51 | 3.98 | 65.0  | ± 9.6 % |
|           |                                                     | Y | 4.31   | 71.37  | 18.75 |      | 65.0  |         |
|           |                                                     | Z | 5.34   | 74.94  | 20.70 |      | 65.0  |         |
| 10104-CAD | LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 16-QAM)          | X | 4.86   | 70.99  | 19.27 | 3.98 | 65.0  | ± 9.6 % |
|           |                                                     | Y | 4.56   | 69.80  | 18.70 |      | 65.0  |         |
|           |                                                     | Z | 5.31   | 72.41  | 20.28 |      | 65.0  |         |
| 10105-CAD | LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 64-QAM)          | X | 4.59   | 69.61  | 18.91 | 3.98 | 65.0  | ± 9.6 % |
|           |                                                     | Y | 4.33   | 68.48  | 18.36 |      | 65.0  |         |
|           |                                                     | Z | 5.30   | 72.11  | 20.44 |      | 65.0  |         |
| 10108-CAE | LTE-FDD (SC-FDMA, 100% RB, 10 MHz, QPSK)            | X | 2.62   | 70.23  | 17.01 | 0.00 | 150.0 | ± 9.6 % |
|           |                                                     | Y | 2.30   | 67.93  | 15.55 |      | 150.0 |         |
|           |                                                     | Z | 2.63   | 69.73  | 16.73 |      | 150.0 |         |
| 10109-CAE | LTE-FDD (SC-FDMA, 100% RB, 10 MHz, 16-QAM)          | X | 2.77   | 67.81  | 16.04 | 0.00 | 150.0 | ± 9.6 % |
|           |                                                     | Y | 2.55   | 66.42  | 15.04 |      | 150.0 |         |
|           |                                                     | Z | 2.79   | 67.48  | 15.89 |      | 150.0 |         |
| 10110-CAE | LTE-FDD (SC-FDMA, 100% RB, 5 MHz, QPSK)             | X | 2.12   | 69.66  | 16.58 | 0.00 | 150.0 | ± 9.6 % |
|           |                                                     | Y | 1.79   | 66.96  | 14.77 |      | 150.0 |         |
|           |                                                     | Z | 2.12   | 69.03  | 16.29 |      | 150.0 |         |
| 10111-CAE | LTE-FDD (SC-FDMA, 100% RB, 5 MHz, 16-QAM)           | X | 2.56   | 69.45  | 16.43 | 0.00 | 150.0 | ± 9.6 % |
|           |                                                     | Y | 2.23   | 67.20  | 14.90 |      | 150.0 |         |
|           |                                                     | Z | 2.53   | 68.68  | 16.15 |      | 150.0 |         |

|           |                                                |   |      |       |       |      |       |         |
|-----------|------------------------------------------------|---|------|-------|-------|------|-------|---------|
| 10112-CAE | LTE-FDD (SC-FDMA, 100% RB, 10 MHz, 64-QAM)     | X | 2.89 | 67.87 | 16.10 | 0.00 | 150.0 | ± 9.6 % |
|           |                                                | Y | 2.68 | 66.55 | 15.16 |      | 150.0 |         |
|           |                                                | Z | 2.91 | 67.51 | 15.95 |      | 150.0 |         |
| 10113-CAE | LTE-FDD (SC-FDMA, 100% RB, 5 MHz, 64-QAM)      | X | 2.70 | 69.60 | 16.55 | 0.00 | 150.0 | ± 9.6 % |
|           |                                                | Y | 2.38 | 67.45 | 15.09 |      | 150.0 |         |
|           |                                                | Z | 2.67 | 68.83 | 16.28 |      | 150.0 |         |
| 10114-CAC | IEEE 802.11n (HT Greenfield, 13.5 Mbps, BPSK)  | X | 4.94 | 67.27 | 16.54 | 0.00 | 150.0 | ± 9.6 % |
|           |                                                | Y | 4.84 | 66.84 | 16.24 |      | 150.0 |         |
|           |                                                | Z | 4.99 | 67.16 | 16.49 |      | 150.0 |         |
| 10115-CAC | IEEE 802.11n (HT Greenfield, 81 Mbps, 16-QAM)  | X | 5.18 | 67.31 | 16.55 | 0.00 | 150.0 | ± 9.6 % |
|           |                                                | Y | 5.08 | 66.91 | 16.28 |      | 150.0 |         |
|           |                                                | Z | 5.24 | 67.24 | 16.54 |      | 150.0 |         |
| 10116-CAC | IEEE 802.11n (HT Greenfield, 135 Mbps, 64-QAM) | X | 5.02 | 67.44 | 16.55 | 0.00 | 150.0 | ± 9.6 % |
|           |                                                | Y | 4.91 | 66.99 | 16.24 |      | 150.0 |         |
|           |                                                | Z | 5.08 | 67.36 | 16.53 |      | 150.0 |         |
| 10117-CAC | IEEE 802.11n (HT Mixed, 13.5 Mbps, BPSK)       | X | 4.93 | 67.20 | 16.52 | 0.00 | 150.0 | ± 9.6 % |
|           |                                                | Y | 4.82 | 66.73 | 16.20 |      | 150.0 |         |
|           |                                                | Z | 4.98 | 67.11 | 16.49 |      | 150.0 |         |
| 10118-CAC | IEEE 802.11n (HT Mixed, 81 Mbps, 16-QAM)       | X | 5.25 | 67.52 | 16.66 | 0.00 | 150.0 | ± 9.6 % |
|           |                                                | Y | 5.16 | 67.13 | 16.40 |      | 150.0 |         |
|           |                                                | Z | 5.32 | 67.43 | 16.64 |      | 150.0 |         |
| 10119-CAC | IEEE 802.11n (HT Mixed, 135 Mbps, 64-QAM)      | X | 5.02 | 67.46 | 16.57 | 0.00 | 150.0 | ± 9.6 % |
|           |                                                | Y | 4.92 | 67.02 | 16.27 |      | 150.0 |         |
|           |                                                | Z | 5.07 | 67.35 | 16.53 |      | 150.0 |         |
| 10140-CAD | LTE-FDD (SC-FDMA, 100% RB, 15 MHz, 16-QAM)     | X | 3.24 | 67.75 | 16.13 | 0.00 | 150.0 | ± 9.6 % |
|           |                                                | Y | 3.05 | 66.64 | 15.35 |      | 150.0 |         |
|           |                                                | Z | 3.27 | 67.51 | 16.01 |      | 150.0 |         |
| 10141-CAD | LTE-FDD (SC-FDMA, 100% RB, 15 MHz, 64-QAM)     | X | 3.37 | 67.91 | 16.32 | 0.00 | 150.0 | ± 9.6 % |
|           |                                                | Y | 3.18 | 66.85 | 15.58 |      | 150.0 |         |
|           |                                                | Z | 3.39 | 67.64 | 16.19 |      | 150.0 |         |
| 10142-CAD | LTE-FDD (SC-FDMA, 100% RB, 3 MHz, QPSK)        | X | 1.90 | 69.91 | 15.99 | 0.00 | 150.0 | ± 9.6 % |
|           |                                                | Y | 1.50 | 66.29 | 13.59 |      | 150.0 |         |
|           |                                                | Z | 1.89 | 69.09 | 15.72 |      | 150.0 |         |
| 10143-CAD | LTE-FDD (SC-FDMA, 100% RB, 3 MHz, 16-QAM)      | X | 2.41 | 70.20 | 15.66 | 0.00 | 150.0 | ± 9.6 % |
|           |                                                | Y | 1.89 | 66.54 | 13.32 |      | 150.0 |         |
|           |                                                | Z | 2.36 | 69.31 | 15.48 |      | 150.0 |         |
| 10144-CAD | LTE-FDD (SC-FDMA, 100% RB, 3 MHz, 64-QAM)      | X | 1.97 | 66.46 | 13.28 | 0.00 | 150.0 | ± 9.6 % |
|           |                                                | Y | 1.67 | 64.17 | 11.55 |      | 150.0 |         |
|           |                                                | Z | 2.04 | 66.34 | 13.48 |      | 150.0 |         |
| 10145-CAE | LTE-FDD (SC-FDMA, 100% RB, 1.4 MHz, QPSK)      | X | 0.75 | 61.48 | 8.00  | 0.00 | 150.0 | ± 9.6 % |
|           |                                                | Y | 0.62 | 60.00 | 6.26  |      | 150.0 |         |
|           |                                                | Z | 0.87 | 62.33 | 9.00  |      | 150.0 |         |
| 10146-CAE | LTE-FDD (SC-FDMA, 100% RB, 1.4 MHz, 16-QAM)    | X | 0.96 | 60.52 | 6.46  | 0.00 | 150.0 | ± 9.6 % |
|           |                                                | Y | 0.79 | 59.19 | 5.28  |      | 150.0 |         |
|           |                                                | Z | 1.10 | 61.50 | 7.85  |      | 150.0 |         |
| 10147-CAE | LTE-FDD (SC-FDMA, 100% RB, 1.4 MHz, 64-QAM)    | X | 1.00 | 60.87 | 6.75  | 0.00 | 150.0 | ± 9.6 % |
|           |                                                | Y | 0.87 | 60.00 | 5.87  |      | 150.0 |         |
|           |                                                | Z | 1.17 | 62.08 | 8.27  |      | 150.0 |         |

|           |                                            |   |      |       |       |      |       |         |
|-----------|--------------------------------------------|---|------|-------|-------|------|-------|---------|
| 10149-CAD | LTE-FDD (SC-FDMA, 50% RB, 20 MHz, 16-QAM)  | X | 2.78 | 67.89 | 16.09 | 0.00 | 150.0 | ± 9.6 % |
|           |                                            | Y | 2.56 | 66.49 | 15.09 |      | 150.0 |         |
|           |                                            | Z | 2.80 | 67.54 | 15.94 |      | 150.0 |         |
| 10150-CAD | LTE-FDD (SC-FDMA, 50% RB, 20 MHz, 64-QAM)  | X | 2.90 | 67.94 | 16.15 | 0.00 | 150.0 | ± 9.6 % |
|           |                                            | Y | 2.69 | 66.61 | 15.21 |      | 150.0 |         |
|           |                                            | Z | 2.92 | 67.57 | 16.00 |      | 150.0 |         |
| 10151-CAD | LTE-TDD (SC-FDMA, 50% RB, 20 MHz, QPSK)    | X | 4.93 | 75.72 | 20.65 | 3.98 | 65.0  | ± 9.6 % |
|           |                                            | Y | 4.39 | 73.70 | 19.75 |      | 65.0  |         |
|           |                                            | Z | 5.80 | 78.48 | 22.25 |      | 65.0  |         |
| 10152-CAD | LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 16-QAM)  | X | 4.38 | 70.85 | 18.75 | 3.98 | 65.0  | ± 9.6 % |
|           |                                            | Y | 4.07 | 69.55 | 18.08 |      | 65.0  |         |
|           |                                            | Z | 4.87 | 72.51 | 19.96 |      | 65.0  |         |
| 10153-CAD | LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 64-QAM)  | X | 4.72 | 71.96 | 19.63 | 3.98 | 65.0  | ± 9.6 % |
|           |                                            | Y | 4.39 | 70.67 | 19.00 |      | 65.0  |         |
|           |                                            | Z | 5.21 | 73.53 | 20.77 |      | 65.0  |         |
| 10154-CAE | LTE-FDD (SC-FDMA, 50% RB, 10 MHz, QPSK)    | X | 2.17 | 70.09 | 16.84 | 0.00 | 150.0 | ± 9.6 % |
|           |                                            | Y | 1.82 | 67.28 | 14.98 |      | 150.0 |         |
|           |                                            | Z | 2.16 | 69.41 | 16.52 |      | 150.0 |         |
| 10155-CAE | LTE-FDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM)  | X | 2.56 | 69.50 | 16.47 | 0.00 | 150.0 | ± 9.6 % |
|           |                                            | Y | 2.24 | 67.25 | 14.93 |      | 150.0 |         |
|           |                                            | Z | 2.53 | 68.71 | 16.18 |      | 150.0 |         |
| 10156-CAE | LTE-FDD (SC-FDMA, 50% RB, 5 MHz, QPSK)     | X | 1.73 | 69.79 | 15.44 | 0.00 | 150.0 | ± 9.6 % |
|           |                                            | Y | 1.28 | 65.46 | 12.59 |      | 150.0 |         |
|           |                                            | Z | 1.71 | 68.96 | 15.24 |      | 150.0 |         |
| 10157-CAE | LTE-FDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM)   | X | 1.78 | 66.72 | 12.97 | 0.00 | 150.0 | ± 9.6 % |
|           |                                            | Y | 1.42 | 63.74 | 10.79 |      | 150.0 |         |
|           |                                            | Z | 1.85 | 66.66 | 13.25 |      | 150.0 |         |
| 10158-CAE | LTE-FDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM)  | X | 2.71 | 69.70 | 16.61 | 0.00 | 150.0 | ± 9.6 % |
|           |                                            | Y | 2.38 | 67.54 | 15.14 |      | 150.0 |         |
|           |                                            | Z | 2.68 | 68.92 | 16.34 |      | 150.0 |         |
| 10159-CAE | LTE-FDD (SC-FDMA, 50% RB, 5 MHz, 64-QAM)   | X | 1.87 | 67.08 | 13.18 | 0.00 | 150.0 | ± 9.6 % |
|           |                                            | Y | 1.47 | 63.90 | 10.91 |      | 150.0 |         |
|           |                                            | Z | 1.94 | 67.02 | 13.47 |      | 150.0 |         |
| 10160-CAD | LTE-FDD (SC-FDMA, 50% RB, 15 MHz, QPSK)    | X | 2.65 | 69.49 | 16.75 | 0.00 | 150.0 | ± 9.6 % |
|           |                                            | Y | 2.39 | 67.64 | 15.48 |      | 150.0 |         |
|           |                                            | Z | 2.67 | 69.05 | 16.53 |      | 150.0 |         |
| 10161-CAD | LTE-FDD (SC-FDMA, 50% RB, 15 MHz, 16-QAM)  | X | 2.79 | 67.95 | 16.04 | 0.00 | 150.0 | ± 9.6 % |
|           |                                            | Y | 2.57 | 66.52 | 15.01 |      | 150.0 |         |
|           |                                            | Z | 2.81 | 67.55 | 15.89 |      | 150.0 |         |
| 10162-CAD | LTE-FDD (SC-FDMA, 50% RB, 15 MHz, 64-QAM)  | X | 2.91 | 68.19 | 16.19 | 0.00 | 150.0 | ± 9.6 % |
|           |                                            | Y | 2.68 | 66.78 | 15.17 |      | 150.0 |         |
|           |                                            | Z | 2.92 | 67.77 | 16.03 |      | 150.0 |         |
| 10166-CAE | LTE-FDD (SC-FDMA, 50% RB, 1.4 MHz, QPSK)   | X | 3.23 | 69.89 | 19.51 | 3.01 | 150.0 | ± 9.6 % |
|           |                                            | Y | 2.97 | 68.07 | 18.40 |      | 150.0 |         |
|           |                                            | Z | 3.16 | 68.64 | 18.88 |      | 150.0 |         |
| 10167-CAE | LTE-FDD (SC-FDMA, 50% RB, 1.4 MHz, 16-QAM) | X | 4.06 | 74.10 | 20.46 | 3.01 | 150.0 | ± 9.6 % |
|           |                                            | Y | 3.41 | 70.43 | 18.61 |      | 150.0 |         |
|           |                                            | Z | 3.61 | 70.97 | 19.14 |      | 150.0 |         |

|           |                                            |   |      |       |       |      |       |         |
|-----------|--------------------------------------------|---|------|-------|-------|------|-------|---------|
| 10168-CAE | LTE-FDD (SC-FDMA, 50% RB, 1.4 MHz, 64-QAM) | X | 4.79 | 77.69 | 22.39 | 3.01 | 150.0 | ± 9.6 % |
|           |                                            | Y | 3.86 | 73.18 | 20.27 |      | 150.0 |         |
|           |                                            | Z | 4.00 | 73.28 | 20.55 |      | 150.0 |         |
| 10169-CAD | LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK)      | X | 2.65 | 68.83 | 19.08 | 3.01 | 150.0 | ± 9.6 % |
|           |                                            | Y | 2.42 | 66.35 | 17.57 |      | 150.0 |         |
|           |                                            | Z | 2.48 | 66.66 | 18.01 |      | 150.0 |         |
| 10170-CAD | LTE-FDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM)    | X | 3.94 | 77.56 | 22.69 | 3.01 | 150.0 | ± 9.6 % |
|           |                                            | Y | 2.98 | 71.07 | 19.60 |      | 150.0 |         |
|           |                                            | Z | 2.96 | 70.89 | 19.86 |      | 150.0 |         |
| 10171-AAD | LTE-FDD (SC-FDMA, 1 RB, 20 MHz, 64-QAM)    | X | 3.01 | 71.85 | 19.13 | 3.01 | 150.0 | ± 9.6 % |
|           |                                            | Y | 2.49 | 67.37 | 16.80 |      | 150.0 |         |
|           |                                            | Z | 2.54 | 67.79 | 17.41 |      | 150.0 |         |
| 10172-CAD | LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK)      | X | 3.09 | 77.18 | 23.93 | 6.02 | 65.0  | ± 9.6 % |
|           |                                            | Y | 2.65 | 72.77 | 21.74 |      | 65.0  |         |
|           |                                            | Z | 4.43 | 83.46 | 27.06 |      | 65.0  |         |
| 10173-CAD | LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM)    | X | 8.11 | 93.39 | 27.54 | 6.02 | 65.0  | ± 9.6 % |
|           |                                            | Y | 4.11 | 79.67 | 22.66 |      | 65.0  |         |
|           |                                            | Z | 7.30 | 91.11 | 27.85 |      | 65.0  |         |
| 10174-CAD | LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 64-QAM)    | X | 4.84 | 83.58 | 23.61 | 6.02 | 65.0  | ± 9.6 % |
|           |                                            | Y | 3.17 | 74.79 | 20.20 |      | 65.0  |         |
|           |                                            | Z | 6.98 | 89.22 | 26.55 |      | 65.0  |         |
| 10175-CAE | LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK)      | X | 2.62 | 68.51 | 18.82 | 3.01 | 150.0 | ± 9.6 % |
|           |                                            | Y | 2.39 | 66.09 | 17.33 |      | 150.0 |         |
|           |                                            | Z | 2.45 | 66.44 | 17.80 |      | 150.0 |         |
| 10176-CAE | LTE-FDD (SC-FDMA, 1 RB, 10 MHz, 16-QAM)    | X | 3.95 | 77.59 | 22.70 | 3.01 | 150.0 | ± 9.6 % |
|           |                                            | Y | 2.99 | 71.09 | 19.61 |      | 150.0 |         |
|           |                                            | Z | 2.96 | 70.91 | 19.87 |      | 150.0 |         |
| 10177-CAG | LTE-FDD (SC-FDMA, 1 RB, 5 MHz, QPSK)       | X | 2.64 | 68.64 | 18.90 | 3.01 | 150.0 | ± 9.6 % |
|           |                                            | Y | 2.41 | 66.20 | 17.40 |      | 150.0 |         |
|           |                                            | Z | 2.47 | 66.55 | 17.87 |      | 150.0 |         |
| 10178-CAE | LTE-FDD (SC-FDMA, 1 RB, 5 MHz, 16-QAM)     | X | 3.91 | 77.38 | 22.59 | 3.01 | 150.0 | ± 9.6 % |
|           |                                            | Y | 2.97 | 70.96 | 19.53 |      | 150.0 |         |
|           |                                            | Z | 2.95 | 70.79 | 19.80 |      | 150.0 |         |
| 10179-CAE | LTE-FDD (SC-FDMA, 1 RB, 10 MHz, 64-QAM)    | X | 3.43 | 74.55 | 20.76 | 3.01 | 150.0 | ± 9.6 % |
|           |                                            | Y | 2.70 | 69.07 | 18.05 |      | 150.0 |         |
|           |                                            | Z | 2.73 | 69.31 | 18.54 |      | 150.0 |         |
| 10180-CAE | LTE-FDD (SC-FDMA, 1 RB, 5 MHz, 64-QAM)     | X | 3.01 | 71.80 | 19.09 | 3.01 | 150.0 | ± 9.6 % |
|           |                                            | Y | 2.49 | 67.34 | 16.77 |      | 150.0 |         |
|           |                                            | Z | 2.54 | 67.77 | 17.38 |      | 150.0 |         |
| 10181-CAD | LTE-FDD (SC-FDMA, 1 RB, 15 MHz, QPSK)      | X | 2.63 | 68.63 | 18.90 | 3.01 | 150.0 | ± 9.6 % |
|           |                                            | Y | 2.40 | 66.18 | 17.39 |      | 150.0 |         |
|           |                                            | Z | 2.47 | 66.53 | 17.87 |      | 150.0 |         |
| 10182-CAD | LTE-FDD (SC-FDMA, 1 RB, 15 MHz, 16-QAM)    | X | 3.90 | 77.35 | 22.58 | 3.01 | 150.0 | ± 9.6 % |
|           |                                            | Y | 2.97 | 70.94 | 19.52 |      | 150.0 |         |
|           |                                            | Z | 2.94 | 70.77 | 19.79 |      | 150.0 |         |
| 10183-AAC | LTE-FDD (SC-FDMA, 1 RB, 15 MHz, 64-QAM)    | X | 3.00 | 71.77 | 19.08 | 3.01 | 150.0 | ± 9.6 % |
|           |                                            | Y | 2.48 | 67.32 | 16.76 |      | 150.0 |         |
|           |                                            | Z | 2.53 | 67.75 | 17.37 |      | 150.0 |         |

|           |                                               |   |      |       |       |      |       |         |
|-----------|-----------------------------------------------|---|------|-------|-------|------|-------|---------|
| 10184-CAD | LTE-FDD (SC-FDMA, 1 RB, 3 MHz, QPSK)          | X | 2.64 | 68.67 | 18.92 | 3.01 | 150.0 | ± 9.6 % |
|           |                                               | Y | 2.41 | 66.22 | 17.41 |      | 150.0 |         |
|           |                                               | Z | 2.47 | 66.57 | 17.88 |      | 150.0 |         |
| 10185-CAD | LTE-FDD (SC-FDMA, 1 RB, 3 MHz, 16-QAM)        | X | 3.93 | 77.44 | 22.63 | 3.01 | 150.0 | ± 9.6 % |
|           |                                               | Y | 2.98 | 71.01 | 19.56 |      | 150.0 |         |
|           |                                               | Z | 2.95 | 70.83 | 19.82 |      | 150.0 |         |
| 10186-AAD | LTE-FDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM)        | X | 3.02 | 71.85 | 19.12 | 3.01 | 150.0 | ± 9.6 % |
|           |                                               | Y | 2.49 | 67.37 | 16.80 |      | 150.0 |         |
|           |                                               | Z | 2.55 | 67.80 | 17.41 |      | 150.0 |         |
| 10187-CAE | LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, QPSK)        | X | 2.65 | 68.76 | 19.01 | 3.01 | 150.0 | ± 9.6 % |
|           |                                               | Y | 2.42 | 66.30 | 17.50 |      | 150.0 |         |
|           |                                               | Z | 2.48 | 66.62 | 17.96 |      | 150.0 |         |
| 10188-CAE | LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM)      | X | 4.09 | 78.30 | 23.08 | 3.01 | 150.0 | ± 9.6 % |
|           |                                               | Y | 3.06 | 71.55 | 19.91 |      | 150.0 |         |
|           |                                               | Z | 3.02 | 71.28 | 20.12 |      | 150.0 |         |
| 10189-AAE | LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM)      | X | 3.10 | 72.37 | 19.45 | 3.01 | 150.0 | ± 9.6 % |
|           |                                               | Y | 2.54 | 67.70 | 17.04 |      | 150.0 |         |
|           |                                               | Z | 2.59 | 68.11 | 17.64 |      | 150.0 |         |
| 10193-CAC | IEEE 802.11n (HT Greenfield, 6.5 Mbps, BPSK)  | X | 4.35 | 66.99 | 16.25 | 0.00 | 150.0 | ± 9.6 % |
|           |                                               | Y | 4.22 | 66.44 | 15.84 |      | 150.0 |         |
|           |                                               | Z | 4.40 | 66.77 | 16.20 |      | 150.0 |         |
| 10194-CAC | IEEE 802.11n (HT Greenfield, 39 Mbps, 16-QAM) | X | 4.49 | 67.21 | 16.39 | 0.00 | 150.0 | ± 9.6 % |
|           |                                               | Y | 4.36 | 66.66 | 15.98 |      | 150.0 |         |
|           |                                               | Z | 4.54 | 67.03 | 16.33 |      | 150.0 |         |
| 10195-CAC | IEEE 802.11n (HT Greenfield, 65 Mbps, 64-QAM) | X | 4.52 | 67.22 | 16.40 | 0.00 | 150.0 | ± 9.6 % |
|           |                                               | Y | 4.39 | 66.67 | 16.00 |      | 150.0 |         |
|           |                                               | Z | 4.58 | 67.05 | 16.35 |      | 150.0 |         |
| 10196-CAC | IEEE 802.11n (HT Mixed, 6.5 Mbps, BPSK)       | X | 4.33 | 66.98 | 16.24 | 0.00 | 150.0 | ± 9.6 % |
|           |                                               | Y | 4.20 | 66.42 | 15.82 |      | 150.0 |         |
|           |                                               | Z | 4.38 | 66.78 | 16.19 |      | 150.0 |         |
| 10197-CAC | IEEE 802.11n (HT Mixed, 39 Mbps, 16-QAM)      | X | 4.49 | 67.21 | 16.39 | 0.00 | 150.0 | ± 9.6 % |
|           |                                               | Y | 4.36 | 66.66 | 15.99 |      | 150.0 |         |
|           |                                               | Z | 4.55 | 67.04 | 16.34 |      | 150.0 |         |
| 10198-CAC | IEEE 802.11n (HT Mixed, 65 Mbps, 64-QAM)      | X | 4.51 | 67.21 | 16.40 | 0.00 | 150.0 | ± 9.6 % |
|           |                                               | Y | 4.38 | 66.66 | 16.00 |      | 150.0 |         |
|           |                                               | Z | 4.57 | 67.05 | 16.35 |      | 150.0 |         |
| 10219-CAC | IEEE 802.11n (HT Mixed, 7.2 Mbps, BPSK)       | X | 4.29 | 67.03 | 16.22 | 0.00 | 150.0 | ± 9.6 % |
|           |                                               | Y | 4.16 | 66.45 | 15.79 |      | 150.0 |         |
|           |                                               | Z | 4.34 | 66.82 | 16.16 |      | 150.0 |         |
| 10220-CAC | IEEE 802.11n (HT Mixed, 43.3 Mbps, 16-QAM)    | X | 4.49 | 67.17 | 16.38 | 0.00 | 150.0 | ± 9.6 % |
|           |                                               | Y | 4.36 | 66.62 | 15.98 |      | 150.0 |         |
|           |                                               | Z | 4.54 | 67.00 | 16.33 |      | 150.0 |         |
| 10221-CAC | IEEE 802.11n (HT Mixed, 72.2 Mbps, 64-QAM)    | X | 4.53 | 67.16 | 16.38 | 0.00 | 150.0 | ± 9.6 % |
|           |                                               | Y | 4.40 | 66.62 | 15.99 |      | 150.0 |         |
|           |                                               | Z | 4.59 | 66.99 | 16.34 |      | 150.0 |         |
| 10222-CAC | IEEE 802.11n (HT Mixed, 15 Mbps, BPSK)        | X | 4.90 | 67.19 | 16.51 | 0.00 | 150.0 | ± 9.6 % |
|           |                                               | Y | 4.80 | 66.73 | 16.19 |      | 150.0 |         |
|           |                                               | Z | 4.95 | 67.08 | 16.47 |      | 150.0 |         |

|           |                                           |   |      |       |       |      |       |         |
|-----------|-------------------------------------------|---|------|-------|-------|------|-------|---------|
| 10223-CAC | IEEE 802.11n (HT Mixed, 90 Mbps, 16-QAM)  | X | 5.15 | 67.35 | 16.59 | 0.00 | 150.0 | ± 9.6 % |
|           |                                           | Y | 5.04 | 66.90 | 16.29 |      | 150.0 |         |
|           |                                           | Z | 5.23 | 67.30 | 16.59 |      | 150.0 |         |
| 10224-CAC | IEEE 802.11n (HT Mixed, 150 Mbps, 64-QAM) | X | 4.94 | 67.32 | 16.49 | 0.00 | 150.0 | ± 9.6 % |
|           |                                           | Y | 4.84 | 66.85 | 16.18 |      | 150.0 |         |
|           |                                           | Z | 4.99 | 67.19 | 16.45 |      | 150.0 |         |
| 10225-CAB | UMTS-FDD (HSPA+)                          | X | 2.65 | 66.67 | 15.13 | 0.00 | 150.0 | ± 9.6 % |
|           |                                           | Y | 2.45 | 65.38 | 14.09 |      | 150.0 |         |
|           |                                           | Z | 2.68 | 66.33 | 15.12 |      | 150.0 |         |
| 10226-CAA | LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM)  | X | 8.97 | 95.35 | 28.27 | 6.02 | 65.0  | ± 9.6 % |
|           |                                           | Y | 4.33 | 80.66 | 23.14 |      | 65.0  |         |
|           |                                           | Z | 7.76 | 92.38 | 28.37 |      | 65.0  |         |
| 10227-CAA | LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM)  | X | 8.96 | 93.62 | 26.86 | 6.02 | 65.0  | ± 9.6 % |
|           |                                           | Y | 4.31 | 79.75 | 22.11 |      | 65.0  |         |
|           |                                           | Z | 8.28 | 92.27 | 27.60 |      | 65.0  |         |
| 10228-CAA | LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, QPSK)    | X | 3.86 | 81.76 | 25.80 | 6.02 | 65.0  | ± 9.6 % |
|           |                                           | Y | 3.08 | 76.03 | 23.21 |      | 65.0  |         |
|           |                                           | Z | 4.55 | 84.23 | 27.42 |      | 65.0  |         |
| 10229-CAB | LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 16-QAM)    | X | 8.19 | 93.54 | 27.59 | 6.02 | 65.0  | ± 9.6 % |
|           |                                           | Y | 4.14 | 79.76 | 22.70 |      | 65.0  |         |
|           |                                           | Z | 7.36 | 91.22 | 27.89 |      | 65.0  |         |
| 10230-CAB | LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM)    | X | 8.05 | 91.72 | 26.18 | 6.02 | 65.0  | ± 9.6 % |
|           |                                           | Y | 4.08 | 78.80 | 21.68 |      | 65.0  |         |
|           |                                           | Z | 7.72 | 90.93 | 27.09 |      | 65.0  |         |
| 10231-CAB | LTE-TDD (SC-FDMA, 1 RB, 3 MHz, QPSK)      | X | 3.72 | 80.95 | 25.40 | 6.02 | 65.0  | ± 9.6 % |
|           |                                           | Y | 2.99 | 75.41 | 22.87 |      | 65.0  |         |
|           |                                           | Z | 4.40 | 83.49 | 27.05 |      | 65.0  |         |
| 10232-CAD | LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 16-QAM)    | X | 8.17 | 93.51 | 27.58 | 6.02 | 65.0  | ± 9.6 % |
|           |                                           | Y | 4.13 | 79.74 | 22.70 |      | 65.0  |         |
|           |                                           | Z | 7.34 | 91.20 | 27.89 |      | 65.0  |         |
| 10233-CAD | LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 64-QAM)    | X | 8.01 | 91.66 | 26.17 | 6.02 | 65.0  | ± 9.6 % |
|           |                                           | Y | 4.07 | 78.76 | 21.67 |      | 65.0  |         |
|           |                                           | Z | 7.69 | 90.88 | 27.07 |      | 65.0  |         |
| 10234-CAD | LTE-TDD (SC-FDMA, 1 RB, 5 MHz, QPSK)      | X | 3.62 | 80.33 | 25.03 | 6.02 | 65.0  | ± 9.6 % |
|           |                                           | Y | 2.93 | 74.93 | 22.55 |      | 65.0  |         |
|           |                                           | Z | 4.30 | 82.93 | 26.72 |      | 65.0  |         |
| 10235-CAD | LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 16-QAM)   | X | 8.18 | 93.56 | 27.60 | 6.02 | 65.0  | ± 9.6 % |
|           |                                           | Y | 4.13 | 79.76 | 22.71 |      | 65.0  |         |
|           |                                           | Z | 7.35 | 91.23 | 27.90 |      | 65.0  |         |
| 10236-CAD | LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 64-QAM)   | X | 8.16 | 91.92 | 26.24 | 6.02 | 65.0  | ± 9.6 % |
|           |                                           | Y | 4.11 | 78.89 | 21.71 |      | 65.0  |         |
|           |                                           | Z | 7.81 | 91.12 | 27.14 |      | 65.0  |         |
| 10237-CAD | LTE-TDD (SC-FDMA, 1 RB, 10 MHz, QPSK)     | X | 3.72 | 80.97 | 25.41 | 6.02 | 65.0  | ± 9.6 % |
|           |                                           | Y | 2.99 | 75.41 | 22.88 |      | 65.0  |         |
|           |                                           | Z | 4.40 | 83.52 | 27.07 |      | 65.0  |         |
| 10238-CAD | LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 16-QAM)   | X | 8.15 | 93.48 | 27.57 | 6.02 | 65.0  | ± 9.6 % |
|           |                                           | Y | 4.12 | 79.72 | 22.69 |      | 65.0  |         |
|           |                                           | Z | 7.32 | 91.17 | 27.88 |      | 65.0  |         |