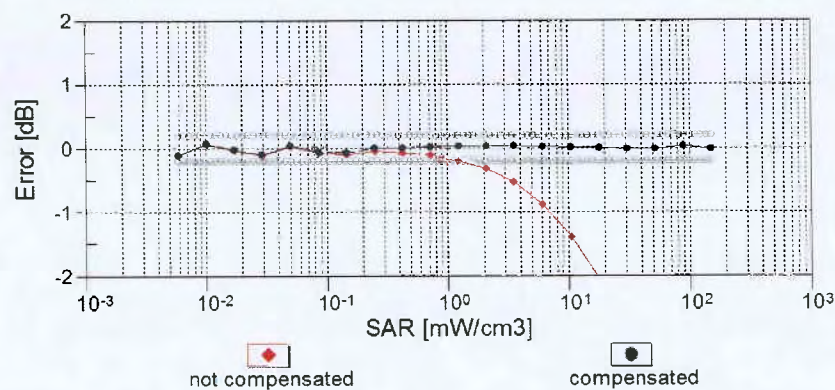
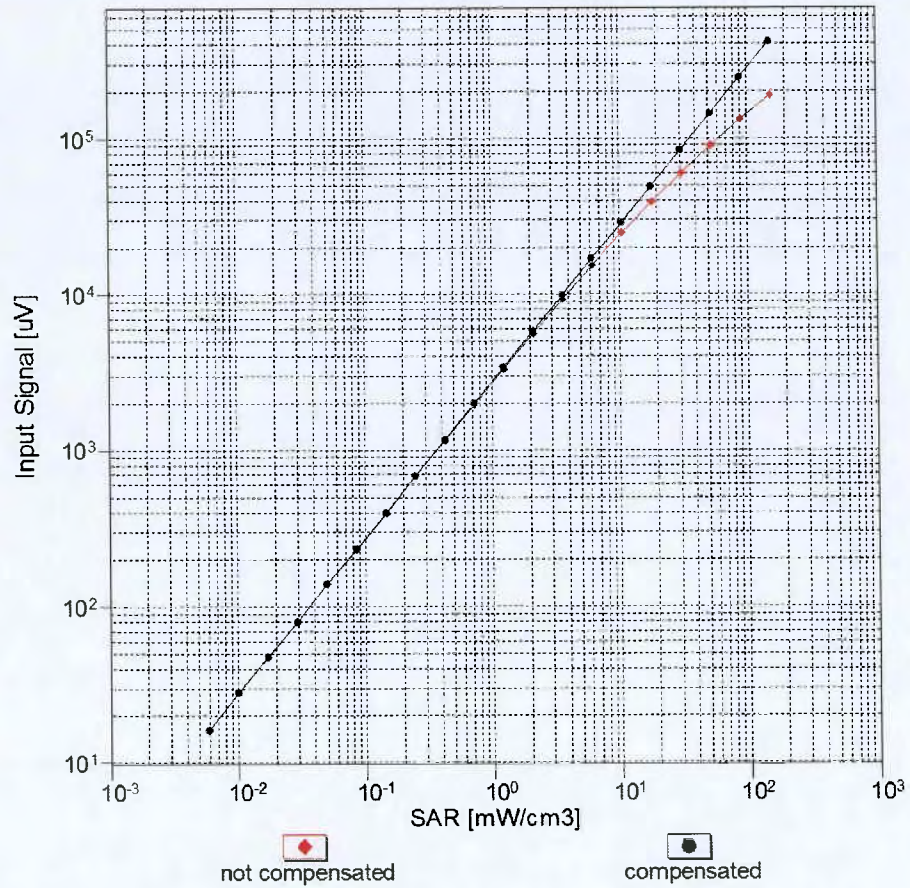
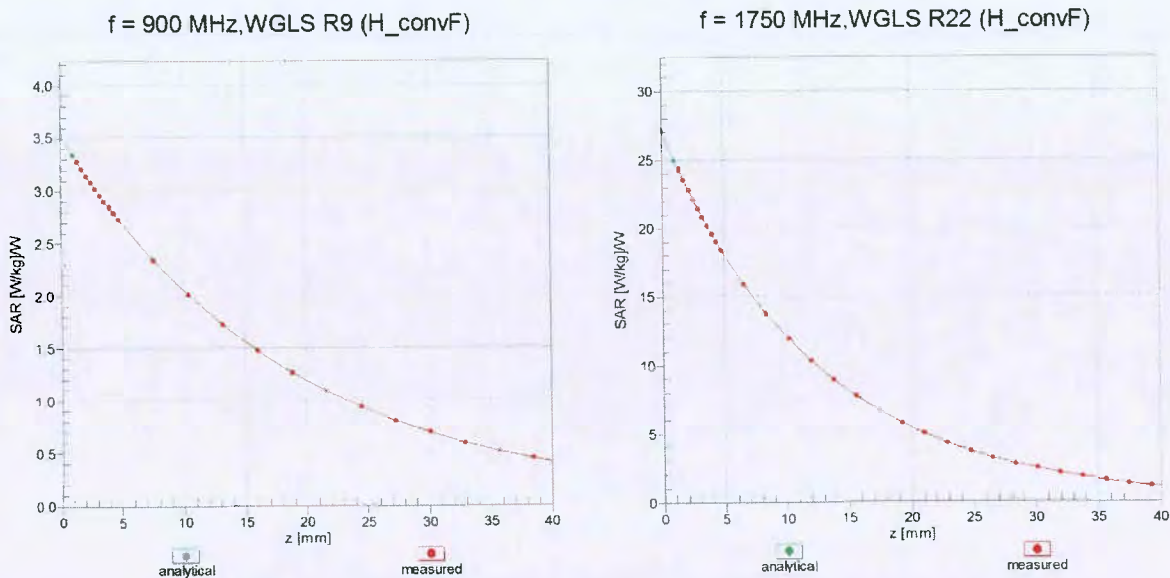


# Dynamic Range $f(\text{SAR}_{\text{head}})$ (TEM cell, $f_{\text{eval}} = 1900 \text{ MHz}$ )



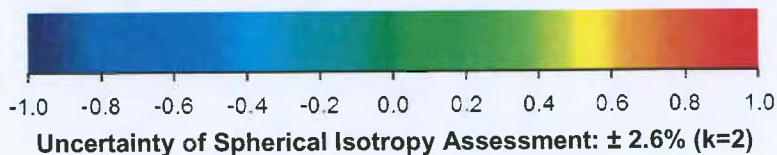
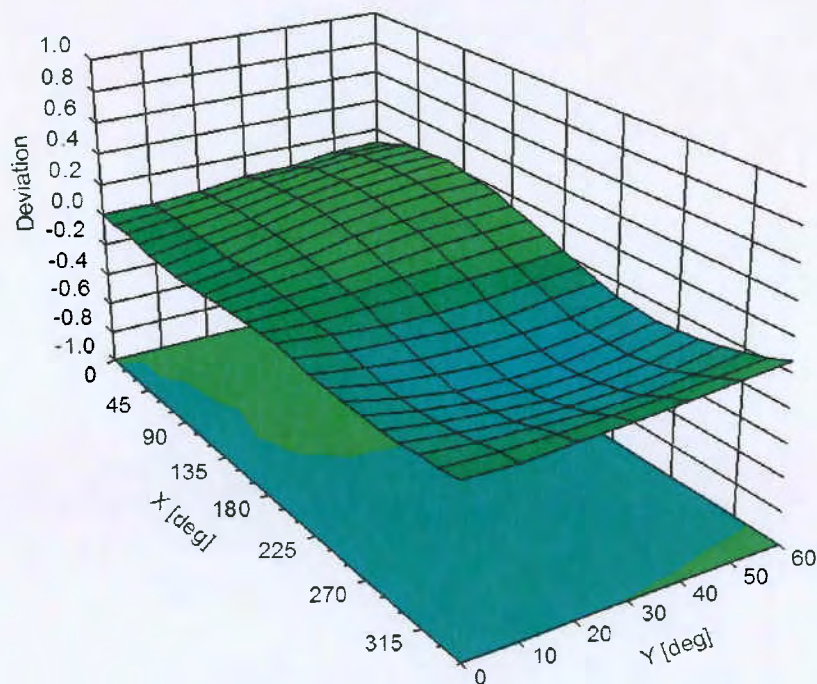
Uncertainty of Linearity Assessment:  $\pm 0.6\%$  ( $k=2$ )

## Conversion Factor Assessment



## Deviation from Isotropy in Liquid

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





## DASY/EASY - Parameters of Probe: EX3DV4 - SN:3990

### Other Probe Parameters

|                                               |            |
|-----------------------------------------------|------------|
| Sensor Arrangement                            | Triangular |
| Connector Angle (°)                           | 20.2       |
| 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    | 147.9    | $\pm 3.0 \%$                     |
|               |                                               | Y | 0.00    | 0.00                   | 1.00  |         | 142.5    |                                  |
|               |                                               | Z | 0.00    | 0.00                   | 1.00  |         | 130.9    |                                  |
| 10010-<br>CAA | SAR Validation (Square, 100ms, 10ms)          | X | 2.91    | 66.53                  | 11.14 | 10.00   | 20.0     | $\pm 9.6 \%$                     |
|               |                                               | Y | 5.87    | 75.89                  | 16.19 |         | 20.0     |                                  |
|               |                                               | Z | 2.72    | 65.55                  | 10.47 |         | 20.0     |                                  |
| 10011-<br>CAB | UMTS-FDD (WCDMA)                              | X | 1.38    | 73.14                  | 18.70 | 0.00    | 150.0    | $\pm 9.6 \%$                     |
|               |                                               | Y | 1.22    | 69.63                  | 16.82 |         | 150.0    |                                  |
|               |                                               | Z | 1.15    | 70.53                  | 17.05 |         | 150.0    |                                  |
| 10012-<br>CAB | IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps)      | X | 1.24    | 65.28                  | 16.40 | 0.41    | 150.0    | $\pm 9.6 \%$                     |
|               |                                               | Y | 1.27    | 64.84                  | 16.09 |         | 150.0    |                                  |
|               |                                               | Z | 1.16    | 64.38                  | 15.56 |         | 150.0    |                                  |
| 10013-<br>CAB | IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps) | X | 4.87    | 66.70                  | 17.05 | 1.46    | 150.0    | $\pm 9.6 \%$                     |
|               |                                               | Y | 5.10    | 66.67                  | 17.25 |         | 150.0    |                                  |
|               |                                               | Z | 4.66    | 66.69                  | 16.80 |         | 150.0    |                                  |
| 10021-<br>DAC | GSM-FDD (TDMA, GMSK)                          | X | 8.84    | 80.58                  | 18.01 | 9.39    | 50.0     | $\pm 9.6 \%$                     |
|               |                                               | Y | 100.00  | 118.03                 | 30.37 |         | 50.0     |                                  |
|               |                                               | Z | 5.79    | 74.87                  | 15.60 |         | 50.0     |                                  |
| 10023-<br>DAC | GPRS-FDD (TDMA, GMSK, TN 0)                   | X | 7.76    | 78.73                  | 17.39 | 9.57    | 50.0     | $\pm 9.6 \%$                     |
|               |                                               | Y | 100.00  | 118.06                 | 30.44 |         | 50.0     |                                  |
|               |                                               | Z | 5.33    | 73.53                  | 15.09 |         | 50.0     |                                  |
| 10024-<br>DAC | GPRS-FDD (TDMA, GMSK, TN 0-1)                 | X | 16.74   | 88.77                  | 19.20 | 6.56    | 60.0     | $\pm 9.6 \%$                     |
|               |                                               | Y | 100.00  | 115.26                 | 28.01 |         | 60.0     |                                  |
|               |                                               | Z | 4.93    | 75.77                  | 14.74 |         | 60.0     |                                  |
| 10025-<br>DAC | EDGE-FDD (TDMA, 8PSK, TN 0)                   | X | 5.01    | 72.11                  | 25.51 | 12.57   | 50.0     | $\pm 9.6 \%$                     |
|               |                                               | Y | 13.75   | 102.64                 | 40.17 |         | 50.0     |                                  |
|               |                                               | Z | 4.07    | 66.54                  | 22.22 |         | 50.0     |                                  |
| 10026-<br>DAC | EDGE-FDD (TDMA, 8PSK, TN 0-1)                 | X | 9.52    | 89.48                  | 30.41 | 9.56    | 60.0     | $\pm 9.6 \%$                     |
|               |                                               | Y | 18.81   | 105.62                 | 36.92 |         | 60.0     |                                  |
|               |                                               | Z | 6.71    | 82.23                  | 27.52 |         | 60.0     |                                  |
| 10027-<br>DAC | GPRS-FDD (TDMA, GMSK, TN 0-1-2)               | X | 100.00  | 107.21                 | 22.84 | 4.80    | 80.0     | $\pm 9.6 \%$                     |
|               |                                               | Y | 100.00  | 114.74                 | 26.98 |         | 80.0     |                                  |
|               |                                               | Z | 11.36   | 85.70                  | 17.05 |         | 80.0     |                                  |
| 10028-<br>DAC | GPRS-FDD (TDMA, GMSK, TN 0-1-2-3)             | X | 100.00  | 107.91                 | 22.49 | 3.55    | 100.0    | $\pm 9.6 \%$                     |
|               |                                               | Y | 100.00  | 115.56                 | 26.63 |         | 100.0    |                                  |
|               |                                               | Z | 100.00  | 106.68                 | 21.47 |         | 100.0    |                                  |
| 10029-<br>DAC | EDGE-FDD (TDMA, 8PSK, TN 0-1-2)               | X | 6.28    | 81.14                  | 26.29 | 7.80    | 80.0     | $\pm 9.6 \%$                     |
|               |                                               | Y | 10.95   | 92.78                  | 31.32 |         | 80.0     |                                  |
|               |                                               | Z | 4.56    | 75.11                  | 23.72 |         | 80.0     |                                  |
| 10030-<br>CAA | IEEE 802.15.1 Bluetooth (GFSK, DH1)           | X | 15.06   | 87.33                  | 18.09 | 5.30    | 70.0     | $\pm 9.6 \%$                     |
|               |                                               | Y | 100.00  | 113.93                 | 26.93 |         | 70.0     |                                  |
|               |                                               | Z | 3.28    | 72.57                  | 12.96 |         | 70.0     |                                  |
| 10031-<br>CAA | IEEE 802.15.1 Bluetooth (GFSK, DH3)           | X | 100.00  | 108.77                 | 21.62 | 1.88    | 100.0    | $\pm 9.6 \%$                     |
|               |                                               | Y | 100.00  | 117.57                 | 26.10 |         | 100.0    |                                  |
|               |                                               | Z | 100.00  | 104.77                 | 19.42 |         | 100.0    |                                  |

|           |                                                     |   |        |        |       |       |       |         |
|-----------|-----------------------------------------------------|---|--------|--------|-------|-------|-------|---------|
| 10032-CAA | IEEE 802.15.1 Bluetooth (GFSK, DH5)                 | X | 100.00 | 119.89 | 25.22 | 1.17  | 100.0 | ± 9.6 % |
|           |                                                     | Y | 100.00 | 125.13 | 28.20 |       | 100.0 |         |
|           |                                                     | Z | 100.00 | 114.07 | 22.28 |       | 100.0 |         |
| 10033-CAA | IEEE 802.15.1 Bluetooth (PI/4-DQPSK, DH1)           | X | 6.09   | 81.40  | 20.21 | 5.30  | 70.0  | ± 9.6 % |
|           |                                                     | Y | 26.25  | 106.38 | 29.73 |       | 70.0  |         |
|           |                                                     | Z | 3.24   | 72.22  | 15.69 |       | 70.0  |         |
| 10034-CAA | IEEE 802.15.1 Bluetooth (PI/4-DQPSK, DH3)           | X | 3.40   | 78.11  | 18.38 | 1.88  | 100.0 | ± 9.6 % |
|           |                                                     | Y | 5.74   | 86.03  | 22.54 |       | 100.0 |         |
|           |                                                     | Z | 1.73   | 69.28  | 13.48 |       | 100.0 |         |
| 10035-CAA | IEEE 802.15.1 Bluetooth (PI/4-DQPSK, DH5)           | X | 2.72   | 76.84  | 17.95 | 1.17  | 100.0 | ± 9.6 % |
|           |                                                     | Y | 3.35   | 79.47  | 20.11 |       | 100.0 |         |
|           |                                                     | Z | 1.50   | 69.17  | 13.38 |       | 100.0 |         |
| 10036-CAA | IEEE 802.15.1 Bluetooth (8-DPSK, DH1)               | X | 7.25   | 84.13  | 21.22 | 5.30  | 70.0  | ± 9.6 % |
|           |                                                     | Y | 39.18  | 113.26 | 31.65 |       | 70.0  |         |
|           |                                                     | Z | 3.51   | 73.47  | 16.26 |       | 70.0  |         |
| 10037-CAA | IEEE 802.15.1 Bluetooth (8-DPSK, DH3)               | X | 3.15   | 77.16  | 17.99 | 1.88  | 100.0 | ± 9.6 % |
|           |                                                     | Y | 5.57   | 85.64  | 22.37 |       | 100.0 |         |
|           |                                                     | Z | 1.61   | 68.57  | 13.15 |       | 100.0 |         |
| 10038-CAA | IEEE 802.15.1 Bluetooth (8-DPSK, DH5)               | X | 2.79   | 77.49  | 18.31 | 1.17  | 100.0 | ± 9.6 % |
|           |                                                     | Y | 3.44   | 80.15  | 20.46 |       | 100.0 |         |
|           |                                                     | Z | 1.51   | 69.46  | 13.63 |       | 100.0 |         |
| 10039-CAB | CDMA2000 (1xRTT, RC1)                               | X | 6.50   | 91.06  | 23.14 | 0.00  | 150.0 | ± 9.6 % |
|           |                                                     | Y | 2.39   | 74.79  | 18.14 |       | 150.0 |         |
|           |                                                     | Z | 3.62   | 81.91  | 18.36 |       | 150.0 |         |
| 10042-CAB | IS-54 / IS-136 FDD (TDMA/FDM, PI/4-DQPSK, Halfrate) | X | 7.39   | 78.67  | 16.18 | 7.78  | 50.0  | ± 9.6 % |
|           |                                                     | Y | 100.00 | 113.89 | 27.60 |       | 50.0  |         |
|           |                                                     | Z | 4.03   | 72.05  | 13.44 |       | 50.0  |         |
| 10044-CAA | IS-91/EIA/TIA-553 FDD (FDMA, FM)                    | X | 0.00   | 105.51 | 1.06  | 0.00  | 150.0 | ± 9.6 % |
|           |                                                     | Y | 0.00   | 101.92 | 0.42  |       | 150.0 |         |
|           |                                                     | Z | 0.00   | 102.44 | 0.16  |       | 150.0 |         |
| 10048-CAA | DECT (TDD, TDMA/FDM, GFSK, Full Slot, 24)           | X | 6.25   | 72.51  | 16.55 | 13.80 | 25.0  | ± 9.6 % |
|           |                                                     | Y | 18.69  | 93.27  | 25.65 |       | 25.0  |         |
|           |                                                     | Z | 5.57   | 69.45  | 14.90 |       | 25.0  |         |
| 10049-CAA | DECT (TDD, TDMA/FDM, GFSK, Double Slot, 12)         | X | 6.45   | 75.27  | 16.40 | 10.79 | 40.0  | ± 9.6 % |
|           |                                                     | Y | 32.08  | 101.64 | 26.70 |       | 40.0  |         |
|           |                                                     | Z | 5.31   | 71.96  | 14.72 |       | 40.0  |         |
| 10056-CAA | UMTS-TDD (TD-SCDMA, 1.28 Mcps)                      | X | 8.30   | 80.74  | 20.21 | 9.03  | 50.0  | ± 9.6 % |
|           |                                                     | Y | 18.61  | 96.33  | 27.24 |       | 50.0  |         |
|           |                                                     | Z | 6.09   | 75.43  | 17.39 |       | 50.0  |         |
| 10058-DAC | EDGE-FDD (TDMA, 8PSK, TN 0-1-2-3)                   | X | 4.86   | 76.71  | 23.88 | 6.55  | 100.0 | ± 9.6 % |
|           |                                                     | Y | 7.74   | 85.59  | 27.89 |       | 100.0 |         |
|           |                                                     | Z | 3.67   | 71.74  | 21.67 |       | 100.0 |         |
| 10059-CAB | IEEE 802.11b WiFi 2.4 GHz (DSSS, 2 Mbps)            | X | 1.29   | 66.47  | 16.91 | 0.61  | 110.0 | ± 9.6 % |
|           |                                                     | Y | 1.38   | 66.60  | 16.97 |       | 110.0 |         |
|           |                                                     | Z | 1.17   | 65.04  | 15.81 |       | 110.0 |         |
| 10060-CAB | IEEE 802.11b WiFi 2.4 GHz (DSSS, 5.5 Mbps)          | X | 95.07  | 135.19 | 34.71 | 1.30  | 110.0 | ± 9.6 % |
|           |                                                     | Y | 100.00 | 135.04 | 35.01 |       | 110.0 |         |
|           |                                                     | Z | 3.12   | 86.41  | 22.12 |       | 110.0 |         |



|           |                                                |   |      |       |       |      |       |         |
|-----------|------------------------------------------------|---|------|-------|-------|------|-------|---------|
| 10061-CAB | IEEE 802.11b WiFi 2.4 GHz (DSSS, 11 Mbps)      | X | 3.25 | 81.08 | 21.94 | 2.04 | 110.0 | ± 9.6 % |
|           |                                                | Y | 7.17 | 93.20 | 26.50 |      | 110.0 |         |
|           |                                                | Z | 1.85 | 72.72 | 18.39 |      | 110.0 |         |
| 10062-CAB | IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps)       | X | 4.71 | 66.88 | 16.67 | 0.49 | 100.0 | ± 9.6 % |
|           |                                                | Y | 4.90 | 66.67 | 16.69 |      | 100.0 |         |
|           |                                                | Z | 4.49 | 66.86 | 16.45 |      | 100.0 |         |
| 10063-CAB | IEEE 802.11a/h WiFi 5 GHz (OFDM, 9 Mbps)       | X | 4.72 | 66.93 | 16.73 | 0.72 | 100.0 | ± 9.6 % |
|           |                                                | Y | 4.93 | 66.79 | 16.81 |      | 100.0 |         |
|           |                                                | Z | 4.50 | 66.89 | 16.49 |      | 100.0 |         |
| 10064-CAB | IEEE 802.11a/h WiFi 5 GHz (OFDM, 12 Mbps)      | X | 5.00 | 67.16 | 16.92 | 0.86 | 100.0 | ± 9.6 % |
|           |                                                | Y | 5.28 | 67.14 | 17.07 |      | 100.0 |         |
|           |                                                | Z | 4.73 | 67.05 | 16.64 |      | 100.0 |         |
| 10065-CAB | IEEE 802.11a/h WiFi 5 GHz (OFDM, 18 Mbps)      | X | 4.86 | 67.01 | 16.96 | 1.21 | 100.0 | ± 9.6 % |
|           |                                                | Y | 5.14 | 67.07 | 17.17 |      | 100.0 |         |
|           |                                                | Z | 4.59 | 66.83 | 16.65 |      | 100.0 |         |
| 10066-CAB | IEEE 802.11a/h WiFi 5 GHz (OFDM, 24 Mbps)      | X | 4.87 | 66.98 | 17.06 | 1.46 | 100.0 | ± 9.6 % |
|           |                                                | Y | 5.17 | 67.13 | 17.35 |      | 100.0 |         |
|           |                                                | Z | 4.60 | 66.77 | 16.73 |      | 100.0 |         |
| 10067-CAB | IEEE 802.11a/h WiFi 5 GHz (OFDM, 36 Mbps)      | X | 5.14 | 67.04 | 17.40 | 2.04 | 100.0 | ± 9.6 % |
|           |                                                | Y | 5.46 | 67.18 | 17.75 |      | 100.0 |         |
|           |                                                | Z | 4.87 | 66.98 | 17.12 |      | 100.0 |         |
| 10068-CAB | IEEE 802.11a/h WiFi 5 GHz (OFDM, 48 Mbps)      | X | 5.19 | 67.08 | 17.58 | 2.55 | 100.0 | ± 9.6 % |
|           |                                                | Y | 5.57 | 67.47 | 18.07 |      | 100.0 |         |
|           |                                                | Z | 4.90 | 66.84 | 17.21 |      | 100.0 |         |
| 10069-CAB | IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps)      | X | 5.27 | 67.04 | 17.74 | 2.67 | 100.0 | ± 9.6 % |
|           |                                                | Y | 5.63 | 67.33 | 18.22 |      | 100.0 |         |
|           |                                                | Z | 4.96 | 66.85 | 17.38 |      | 100.0 |         |
| 10071-CAB | IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 9 Mbps)  | X | 4.96 | 66.73 | 17.27 | 1.99 | 100.0 | ± 9.6 % |
|           |                                                | Y | 5.21 | 66.80 | 17.57 |      | 100.0 |         |
|           |                                                | Z | 4.74 | 66.69 | 17.01 |      | 100.0 |         |
| 10072-CAB | IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 12 Mbps) | X | 4.94 | 67.03 | 17.44 | 2.30 | 100.0 | ± 9.6 % |
|           |                                                | Y | 5.23 | 67.26 | 17.84 |      | 100.0 |         |
|           |                                                | Z | 4.69 | 66.88 | 17.13 |      | 100.0 |         |
| 10073-CAB | IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 18 Mbps) | X | 4.99 | 67.14 | 17.69 | 2.83 | 100.0 | ± 9.6 % |
|           |                                                | Y | 5.31 | 67.45 | 18.17 |      | 100.0 |         |
|           |                                                | Z | 4.75 | 66.99 | 17.38 |      | 100.0 |         |
| 10074-CAB | IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 24 Mbps) | X | 4.97 | 67.02 | 17.80 | 3.30 | 100.0 | ± 9.6 % |
|           |                                                | Y | 5.29 | 67.40 | 18.38 |      | 100.0 |         |
|           |                                                | Z | 4.76 | 66.92 | 17.49 |      | 100.0 |         |
| 10075-CAB | IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 36 Mbps) | X | 5.02 | 67.15 | 18.08 | 3.82 | 90.0  | ± 9.6 % |
|           |                                                | Y | 5.39 | 67.77 | 18.81 |      | 90.0  |         |
|           |                                                | Z | 4.79 | 66.93 | 17.69 |      | 90.0  |         |
| 10076-CAB | IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 48 Mbps) | X | 5.03 | 66.92 | 18.16 | 4.15 | 90.0  | ± 9.6 % |
|           |                                                | Y | 5.36 | 67.43 | 18.86 |      | 90.0  |         |
|           |                                                | Z | 4.84 | 66.83 | 17.84 |      | 90.0  |         |
| 10077-CAB | IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 54 Mbps) | X | 5.06 | 66.99 | 18.25 | 4.30 | 90.0  | ± 9.6 % |
|           |                                                | Y | 5.38 | 67.48 | 18.94 |      | 90.0  |         |
|           |                                                | Z | 4.87 | 66.91 | 17.94 |      | 90.0  |         |

|           |                                                     |   |        |        |       |      |       |         |
|-----------|-----------------------------------------------------|---|--------|--------|-------|------|-------|---------|
| 10081-CAB | CDMA2000 (1xRTT, RC3)                               | X | 1.59   | 75.73  | 17.62 | 0.00 | 150.0 | ± 9.6 % |
|           |                                                     | Y | 1.15   | 69.16  | 15.43 |      | 150.0 |         |
|           |                                                     | Z | 0.97   | 69.36  | 13.25 |      | 150.0 |         |
| 10082-CAB | IS-54 / IS-136 FDD (TDMA/FDM, PI/4-DQPSK, Fullrate) | X | 0.87   | 60.00  | 4.91  | 4.77 | 80.0  | ± 9.6 % |
|           |                                                     | Y | 1.20   | 60.74  | 6.16  |      | 80.0  |         |
|           |                                                     | Z | 0.55   | 57.02  | 2.41  |      | 80.0  |         |
| 10090-DAC | GPRS-FDD (TDMA, GMSK, TN 0-4)                       | X | 15.89  | 88.18  | 19.05 | 6.56 | 60.0  | ± 9.6 % |
|           |                                                     | Y | 100.00 | 115.31 | 28.05 |      | 60.0  |         |
|           |                                                     | Z | 4.85   | 75.56  | 14.68 |      | 60.0  |         |
| 10097-CAB | UMTS-FDD (HSDPA)                                    | X | 2.13   | 70.80  | 17.64 | 0.00 | 150.0 | ± 9.6 % |
|           |                                                     | Y | 1.96   | 68.18  | 16.43 |      | 150.0 |         |
|           |                                                     | Z | 2.03   | 70.64  | 16.98 |      | 150.0 |         |
| 10098-CAB | UMTS-FDD (HSUPA, Subtest 2)                         | X | 2.09   | 70.78  | 17.63 | 0.00 | 150.0 | ± 9.6 % |
|           |                                                     | Y | 1.92   | 68.17  | 16.41 |      | 150.0 |         |
|           |                                                     | Z | 1.98   | 70.58  | 16.96 |      | 150.0 |         |
| 10099-DAC | EDGE-FDD (TDMA, 8PSK, TN 0-4)                       | X | 9.55   | 89.51  | 30.41 | 9.56 | 60.0  | ± 9.6 % |
|           |                                                     | Y | 18.84  | 105.62 | 36.91 |      | 60.0  |         |
|           |                                                     | Z | 6.73   | 82.27  | 27.52 |      | 60.0  |         |
| 10100-CAC | LTE-FDD (SC-FDMA, 100% RB, 20 MHz, QPSK)            | X | 3.58   | 72.95  | 18.17 | 0.00 | 150.0 | ± 9.6 % |
|           |                                                     | Y | 3.51   | 71.59  | 17.35 |      | 150.0 |         |
|           |                                                     | Z | 3.19   | 71.66  | 17.54 |      | 150.0 |         |
| 10101-CAC | LTE-FDD (SC-FDMA, 100% RB, 20 MHz, 16-QAM)          | X | 3.41   | 68.66  | 16.73 | 0.00 | 150.0 | ± 9.6 % |
|           |                                                     | Y | 3.48   | 68.14  | 16.37 |      | 150.0 |         |
|           |                                                     | Z | 3.19   | 68.12  | 16.33 |      | 150.0 |         |
| 10102-CAC | LTE-FDD (SC-FDMA, 100% RB, 20 MHz, 64-QAM)          | X | 3.51   | 68.59  | 16.79 | 0.00 | 150.0 | ± 9.6 % |
|           |                                                     | Y | 3.58   | 68.01  | 16.43 |      | 150.0 |         |
|           |                                                     | Z | 3.30   | 68.14  | 16.44 |      | 150.0 |         |
| 10103-CAC | LTE-TDD (SC-FDMA, 100% RB, 20 MHz, QPSK)            | X | 6.24   | 74.56  | 19.54 | 3.98 | 65.0  | ± 9.6 % |
|           |                                                     | Y | 7.82   | 77.41  | 21.01 |      | 65.0  |         |
|           |                                                     | Z | 5.14   | 72.32  | 18.55 |      | 65.0  |         |
| 10104-CAC | LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 16-QAM)          | X | 6.39   | 73.28  | 19.84 | 3.98 | 65.0  | ± 9.6 % |
|           |                                                     | Y | 7.75   | 75.89  | 21.31 |      | 65.0  |         |
|           |                                                     | Z | 5.41   | 71.20  | 18.79 |      | 65.0  |         |
| 10105-CAC | LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 64-QAM)          | X | 5.99   | 71.95  | 19.56 | 3.98 | 65.0  | ± 9.6 % |
|           |                                                     | Y | 7.34   | 74.82  | 21.16 |      | 65.0  |         |
|           |                                                     | Z | 5.14   | 70.04  | 18.55 |      | 65.0  |         |
| 10108-CAD | LTE-FDD (SC-FDMA, 100% RB, 10 MHz, QPSK)            | X | 3.11   | 72.17  | 18.04 | 0.00 | 150.0 | ± 9.6 % |
|           |                                                     | Y | 3.10   | 70.72  | 17.17 |      | 150.0 |         |
|           |                                                     | Z | 2.76   | 71.04  | 17.43 |      | 150.0 |         |
| 10109-CAD | LTE-FDD (SC-FDMA, 100% RB, 10 MHz, 16-QAM)          | X | 3.08   | 68.73  | 16.78 | 0.00 | 150.0 | ± 9.6 % |
|           |                                                     | Y | 3.16   | 67.95  | 16.34 |      | 150.0 |         |
|           |                                                     | Z | 2.85   | 68.28  | 16.32 |      | 150.0 |         |
| 10110-CAD | LTE-FDD (SC-FDMA, 100% RB, 5 MHz, QPSK)             | X | 2.55   | 71.45  | 17.82 | 0.00 | 150.0 | ± 9.6 % |
|           |                                                     | Y | 2.55   | 69.73  | 16.88 |      | 150.0 |         |
|           |                                                     | Z | 2.24   | 70.48  | 17.08 |      | 150.0 |         |
| 10111-CAD | LTE-FDD (SC-FDMA, 100% RB, 5 MHz, 16-QAM)           | X | 2.91   | 70.42  | 17.55 | 0.00 | 150.0 | ± 9.6 % |
|           |                                                     | Y | 2.86   | 68.50  | 16.68 |      | 150.0 |         |
|           |                                                     | Z | 2.72   | 70.39  | 17.05 |      | 150.0 |         |



|           |                                                |   |      |       |       |      |       |         |
|-----------|------------------------------------------------|---|------|-------|-------|------|-------|---------|
| 10112-CAD | LTE-FDD (SC-FDMA, 100% RB, 10 MHz, 64-QAM)     | X | 3.20 | 68.64 | 16.79 | 0.00 | 150.0 | ± 9.6 % |
|           |                                                | Y | 3.27 | 67.81 | 16.34 |      | 150.0 |         |
|           |                                                | Z | 2.98 | 68.33 | 16.39 |      | 150.0 |         |
| 10113-CAD | LTE-FDD (SC-FDMA, 100% RB, 5 MHz, 64-QAM)      | X | 3.06 | 70.45 | 17.61 | 0.00 | 150.0 | ± 9.6 % |
|           |                                                | Y | 3.01 | 68.51 | 16.75 |      | 150.0 |         |
|           |                                                | Z | 2.87 | 70.55 | 17.17 |      | 150.0 |         |
| 10114-CAB | IEEE 802.11n (HT Greenfield, 13.5 Mbps, BPSK)  | X | 5.20 | 67.59 | 16.76 | 0.00 | 150.0 | ± 9.6 % |
|           |                                                | Y | 5.30 | 67.22 | 16.56 |      | 150.0 |         |
|           |                                                | Z | 4.98 | 67.43 | 16.58 |      | 150.0 |         |
| 10115-CAB | IEEE 802.11n (HT Greenfield, 81 Mbps, 16-QAM)  | X | 5.49 | 67.70 | 16.81 | 0.00 | 150.0 | ± 9.6 % |
|           |                                                | Y | 5.70 | 67.56 | 16.73 |      | 150.0 |         |
|           |                                                | Z | 5.23 | 67.47 | 16.60 |      | 150.0 |         |
| 10116-CAB | IEEE 802.11n (HT Greenfield, 135 Mbps, 64-QAM) | X | 5.30 | 67.80 | 16.79 | 0.00 | 150.0 | ± 9.6 % |
|           |                                                | Y | 5.43 | 67.48 | 16.60 |      | 150.0 |         |
|           |                                                | Z | 5.07 | 67.62 | 16.61 |      | 150.0 |         |
| 10117-CAB | IEEE 802.11n (HT Mixed, 13.5 Mbps, BPSK)       | X | 5.16 | 67.46 | 16.71 | 0.00 | 150.0 | ± 9.6 % |
|           |                                                | Y | 5.31 | 67.25 | 16.59 |      | 150.0 |         |
|           |                                                | Z | 4.98 | 67.38 | 16.58 |      | 150.0 |         |
| 10118-CAB | IEEE 802.11n (HT Mixed, 81 Mbps, 16-QAM)       | X | 5.57 | 67.90 | 16.92 | 0.00 | 150.0 | ± 9.6 % |
|           |                                                | Y | 5.73 | 67.59 | 16.75 |      | 150.0 |         |
|           |                                                | Z | 5.29 | 67.63 | 16.69 |      | 150.0 |         |
| 10119-CAB | IEEE 802.11n (HT Mixed, 135 Mbps, 64-QAM)      | X | 5.27 | 67.73 | 16.77 | 0.00 | 150.0 | ± 9.6 % |
|           |                                                | Y | 5.40 | 67.43 | 16.60 |      | 150.0 |         |
|           |                                                | Z | 5.06 | 67.61 | 16.61 |      | 150.0 |         |
| 10140-CAC | LTE-FDD (SC-FDMA, 100% RB, 15 MHz, 16-QAM)     | X | 3.54 | 68.57 | 16.70 | 0.00 | 150.0 | ± 9.6 % |
|           |                                                | Y | 3.63 | 68.01 | 16.35 |      | 150.0 |         |
|           |                                                | Z | 3.32 | 68.14 | 16.34 |      | 150.0 |         |
| 10141-CAC | LTE-FDD (SC-FDMA, 100% RB, 15 MHz, 64-QAM)     | X | 3.67 | 68.64 | 16.85 | 0.00 | 150.0 | ± 9.6 % |
|           |                                                | Y | 3.75 | 68.01 | 16.47 |      | 150.0 |         |
|           |                                                | Z | 3.45 | 68.32 | 16.54 |      | 150.0 |         |
| 10142-CAD | LTE-FDD (SC-FDMA, 100% RB, 3 MHz, QPSK)        | X | 2.41 | 72.26 | 17.90 | 0.00 | 150.0 | ± 9.6 % |
|           |                                                | Y | 2.33 | 69.72 | 16.79 |      | 150.0 |         |
|           |                                                | Z | 2.08 | 71.21 | 16.82 |      | 150.0 |         |
| 10143-CAD | LTE-FDD (SC-FDMA, 100% RB, 3 MHz, 16-QAM)      | X | 2.98 | 72.40 | 17.84 | 0.00 | 150.0 | ± 9.6 % |
|           |                                                | Y | 2.76 | 69.29 | 16.71 |      | 150.0 |         |
|           |                                                | Z | 2.73 | 72.08 | 16.81 |      | 150.0 |         |
| 10144-CAD | LTE-FDD (SC-FDMA, 100% RB, 3 MHz, 64-QAM)      | X | 2.51 | 68.67 | 15.57 | 0.00 | 150.0 | ± 9.6 % |
|           |                                                | Y | 2.58 | 67.40 | 15.37 |      | 150.0 |         |
|           |                                                | Z | 2.13 | 67.46 | 14.07 |      | 150.0 |         |
| 10145-CAD | LTE-FDD (SC-FDMA, 100% RB, 1.4 MHz, QPSK)      | X | 1.81 | 70.89 | 15.09 | 0.00 | 150.0 | ± 9.6 % |
|           |                                                | Y | 1.76 | 68.89 | 15.27 |      | 150.0 |         |
|           |                                                | Z | 0.92 | 63.42 | 9.62  |      | 150.0 |         |
| 10146-CAD | LTE-FDD (SC-FDMA, 100% RB, 1.4 MHz, 16-QAM)    | X | 2.51 | 69.44 | 13.21 | 0.00 | 150.0 | ± 9.6 % |
|           |                                                | Y | 3.02 | 71.39 | 15.79 |      | 150.0 |         |
|           |                                                | Z | 1.07 | 61.07 | 7.00  |      | 150.0 |         |
| 10147-CAD | LTE-FDD (SC-FDMA, 100% RB, 1.4 MHz, 64-QAM)    | X | 3.70 | 74.24 | 15.34 | 0.00 | 150.0 | ± 9.6 % |
|           |                                                | Y | 3.66 | 74.26 | 17.19 |      | 150.0 |         |
|           |                                                | Z | 1.14 | 61.54 | 7.36  |      | 150.0 |         |



|           |                                            |   |      |       |       |      |       |         |
|-----------|--------------------------------------------|---|------|-------|-------|------|-------|---------|
| 10149-CAC | LTE-FDD (SC-FDMA, 50% RB, 20 MHz, 16-QAM)  | X | 3.09 | 68.81 | 16.83 | 0.00 | 150.0 | ± 9.6 % |
|           |                                            | Y | 3.17 | 68.00 | 16.38 |      | 150.0 |         |
|           |                                            | Z | 2.87 | 68.37 | 16.39 |      | 150.0 |         |
| 10150-CAC | LTE-FDD (SC-FDMA, 50% RB, 20 MHz, 64-QAM)  | X | 3.21 | 68.72 | 16.84 | 0.00 | 150.0 | ± 9.6 % |
|           |                                            | Y | 3.28 | 67.86 | 16.38 |      | 150.0 |         |
|           |                                            | Z | 2.99 | 68.41 | 16.45 |      | 150.0 |         |
| 10151-CAC | LTE-TDD (SC-FDMA, 50% RB, 20 MHz, QPSK)    | X | 6.56 | 76.81 | 20.51 | 3.98 | 65.0  | ± 9.6 % |
|           |                                            | Y | 8.27 | 79.69 | 22.03 |      | 65.0  |         |
|           |                                            | Z | 5.27 | 74.31 | 19.36 |      | 65.0  |         |
| 10152-CAC | LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 16-QAM)  | X | 5.90 | 73.08 | 19.45 | 3.98 | 65.0  | ± 9.6 % |
|           |                                            | Y | 7.35 | 76.05 | 21.20 |      | 65.0  |         |
|           |                                            | Z | 4.89 | 70.83 | 18.17 |      | 65.0  |         |
| 10153-CAC | LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 64-QAM)  | X | 6.30 | 74.12 | 20.28 | 3.98 | 65.0  | ± 9.6 % |
|           |                                            | Y | 7.67 | 76.72 | 21.83 |      | 65.0  |         |
|           |                                            | Z | 5.27 | 72.00 | 19.08 |      | 65.0  |         |
| 10154-CAD | LTE-FDD (SC-FDMA, 50% RB, 10 MHz, QPSK)    | X | 2.65 | 72.20 | 18.23 | 0.00 | 150.0 | ± 9.6 % |
|           |                                            | Y | 2.62 | 70.25 | 17.20 |      | 150.0 |         |
|           |                                            | Z | 2.32 | 71.11 | 17.43 |      | 150.0 |         |
| 10155-CAD | LTE-FDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM)  | X | 2.91 | 70.43 | 17.56 | 0.00 | 150.0 | ± 9.6 % |
|           |                                            | Y | 2.86 | 68.50 | 16.69 |      | 150.0 |         |
|           |                                            | Z | 2.72 | 70.44 | 17.08 |      | 150.0 |         |
| 10156-CAD | LTE-FDD (SC-FDMA, 50% RB, 5 MHz, QPSK)     | X | 2.36 | 73.32 | 18.16 | 0.00 | 150.0 | ± 9.6 % |
|           |                                            | Y | 2.22 | 70.14 | 16.89 |      | 150.0 |         |
|           |                                            | Z | 1.97 | 71.68 | 16.61 |      | 150.0 |         |
| 10157-CAD | LTE-FDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM)   | X | 2.47 | 70.21 | 16.10 | 0.00 | 150.0 | ± 9.6 % |
|           |                                            | Y | 2.44 | 68.18 | 15.65 |      | 150.0 |         |
|           |                                            | Z | 2.01 | 68.33 | 14.10 |      | 150.0 |         |
| 10158-CAD | LTE-FDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM)  | X | 3.07 | 70.55 | 17.67 | 0.00 | 150.0 | ± 9.6 % |
|           |                                            | Y | 3.01 | 68.55 | 16.79 |      | 150.0 |         |
|           |                                            | Z | 2.89 | 70.68 | 17.25 |      | 150.0 |         |
| 10159-CAD | LTE-FDD (SC-FDMA, 50% RB, 5 MHz, 64-QAM)   | X | 2.65 | 71.03 | 16.53 | 0.00 | 150.0 | ± 9.6 % |
|           |                                            | Y | 2.56 | 68.62 | 15.93 |      | 150.0 |         |
|           |                                            | Z | 2.15 | 68.96 | 14.44 |      | 150.0 |         |
| 10160-CAC | LTE-FDD (SC-FDMA, 50% RB, 15 MHz, QPSK)    | X | 3.01 | 70.57 | 17.53 | 0.00 | 150.0 | ± 9.6 % |
|           |                                            | Y | 3.01 | 69.24 | 16.79 |      | 150.0 |         |
|           |                                            | Z | 2.75 | 70.03 | 17.07 |      | 150.0 |         |
| 10161-CAC | LTE-FDD (SC-FDMA, 50% RB, 15 MHz, 16-QAM)  | X | 3.12 | 68.74 | 16.82 | 0.00 | 150.0 | ± 9.6 % |
|           |                                            | Y | 3.17 | 67.74 | 16.34 |      | 150.0 |         |
|           |                                            | Z | 2.89 | 68.47 | 16.38 |      | 150.0 |         |
| 10162-CAC | LTE-FDD (SC-FDMA, 50% RB, 15 MHz, 64-QAM)  | X | 3.22 | 68.84 | 16.90 | 0.00 | 150.0 | ± 9.6 % |
|           |                                            | Y | 3.27 | 67.75 | 16.37 |      | 150.0 |         |
|           |                                            | Z | 3.01 | 68.69 | 16.52 |      | 150.0 |         |
| 10166-CAD | LTE-FDD (SC-FDMA, 50% RB, 1.4 MHz, QPSK)   | X | 3.72 | 70.63 | 19.72 | 3.01 | 150.0 | ± 9.6 % |
|           |                                            | Y | 3.84 | 69.29 | 19.10 |      | 150.0 |         |
|           |                                            | Z | 3.34 | 70.14 | 19.35 |      | 150.0 |         |
| 10167-CAD | LTE-FDD (SC-FDMA, 50% RB, 1.4 MHz, 16-QAM) | X | 4.84 | 74.59 | 20.55 | 3.01 | 150.0 | ± 9.6 % |
|           |                                            | Y | 4.79 | 72.10 | 19.60 |      | 150.0 |         |
|           |                                            | Z | 4.32 | 74.46 | 20.28 |      | 150.0 |         |

|           |                                            |   |       |        |       |      |       |         |
|-----------|--------------------------------------------|---|-------|--------|-------|------|-------|---------|
| 10168-CAD | LTE-FDD (SC-FDMA, 50% RB, 1.4 MHz, 64-QAM) | X | 5.68  | 78.04  | 22.38 | 3.01 | 150.0 | ± 9.6 % |
|           |                                            | Y | 5.18  | 73.77  | 20.63 |      | 150.0 |         |
|           |                                            | Z | 5.32  | 78.90  | 22.56 |      | 150.0 |         |
| 10169-CAC | LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK)      | X | 3.17  | 70.95  | 19.92 | 3.01 | 150.0 | ± 9.6 % |
|           |                                            | Y | 3.44  | 70.60  | 19.67 |      | 150.0 |         |
|           |                                            | Z | 2.80  | 69.57  | 19.11 |      | 150.0 |         |
| 10170-CAC | LTE-FDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM)    | X | 5.41  | 81.25  | 23.88 | 3.01 | 150.0 | ± 9.6 % |
|           |                                            | Y | 4.88  | 76.68  | 21.92 |      | 150.0 |         |
|           |                                            | Z | 4.78  | 80.38  | 23.40 |      | 150.0 |         |
| 10171-AAC | LTE-FDD (SC-FDMA, 1 RB, 20 MHz, 64-QAM)    | X | 3.84  | 73.93  | 19.82 | 3.01 | 150.0 | ± 9.6 % |
|           |                                            | Y | 4.03  | 72.62  | 19.32 |      | 150.0 |         |
|           |                                            | Z | 3.28  | 72.54  | 18.98 |      | 150.0 |         |
| 10172-CAC | LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK)      | X | 7.32  | 86.39  | 25.64 | 6.02 | 65.0  | ± 9.6 % |
|           |                                            | Y | 17.18 | 100.37 | 30.87 |      | 65.0  |         |
|           |                                            | Z | 3.75  | 76.33  | 21.75 |      | 65.0  |         |
| 10173-CAC | LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM)    | X | 14.51 | 94.16  | 26.13 | 6.02 | 65.0  | ± 9.6 % |
|           |                                            | Y | 22.56 | 100.60 | 29.13 |      | 65.0  |         |
|           |                                            | Z | 6.65  | 83.60  | 22.35 |      | 65.0  |         |
| 10174-CAC | LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 64-QAM)    | X | 9.44  | 86.22  | 23.08 | 6.02 | 65.0  | ± 9.6 % |
|           |                                            | Y | 16.51 | 93.91  | 26.60 |      | 65.0  |         |
|           |                                            | Z | 3.26  | 72.45  | 17.82 |      | 65.0  |         |
| 10175-CAD | LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK)      | X | 3.11  | 70.49  | 19.59 | 3.01 | 150.0 | ± 9.6 % |
|           |                                            | Y | 3.39  | 70.26  | 19.41 |      | 150.0 |         |
|           |                                            | Z | 2.75  | 69.14  | 18.79 |      | 150.0 |         |
| 10176-CAD | LTE-FDD (SC-FDMA, 1 RB, 10 MHz, 16-QAM)    | X | 5.42  | 81.29  | 23.90 | 3.01 | 150.0 | ± 9.6 % |
|           |                                            | Y | 4.89  | 76.71  | 21.93 |      | 150.0 |         |
|           |                                            | Z | 4.79  | 80.42  | 23.41 |      | 150.0 |         |
| 10177-CAF | LTE-FDD (SC-FDMA, 1 RB, 5 MHz, QPSK)       | X | 3.15  | 70.72  | 19.73 | 3.01 | 150.0 | ± 9.6 % |
|           |                                            | Y | 3.42  | 70.44  | 19.52 |      | 150.0 |         |
|           |                                            | Z | 2.78  | 69.33  | 18.90 |      | 150.0 |         |
| 10178-CAD | LTE-FDD (SC-FDMA, 1 RB, 5 MHz, 16-QAM)     | X | 5.31  | 80.82  | 23.68 | 3.01 | 150.0 | ± 9.6 % |
|           |                                            | Y | 4.81  | 76.39  | 21.77 |      | 150.0 |         |
|           |                                            | Z | 4.71  | 80.04  | 23.24 |      | 150.0 |         |
| 10179-CAD | LTE-FDD (SC-FDMA, 1 RB, 10 MHz, 64-QAM)    | X | 4.50  | 77.21  | 21.62 | 3.01 | 150.0 | ± 9.6 % |
|           |                                            | Y | 4.41  | 74.48  | 20.47 |      | 150.0 |         |
|           |                                            | Z | 3.88  | 75.98  | 20.92 |      | 150.0 |         |
| 10180-CAD | LTE-FDD (SC-FDMA, 1 RB, 5 MHz, 64-QAM)     | X | 3.81  | 73.79  | 19.74 | 3.01 | 150.0 | ± 9.6 % |
|           |                                            | Y | 4.01  | 72.51  | 19.25 |      | 150.0 |         |
|           |                                            | Z | 3.27  | 72.44  | 18.92 |      | 150.0 |         |
| 10181-CAC | LTE-FDD (SC-FDMA, 1 RB, 15 MHz, QPSK)      | X | 3.14  | 70.69  | 19.71 | 3.01 | 150.0 | ± 9.6 % |
|           |                                            | Y | 3.42  | 70.42  | 19.51 |      | 150.0 |         |
|           |                                            | Z | 2.77  | 69.30  | 18.89 |      | 150.0 |         |
| 10182-CAC | LTE-FDD (SC-FDMA, 1 RB, 15 MHz, 16-QAM)    | X | 5.29  | 80.78  | 23.67 | 3.01 | 150.0 | ± 9.6 % |
|           |                                            | Y | 4.80  | 76.37  | 21.76 |      | 150.0 |         |
|           |                                            | Z | 4.69  | 80.00  | 23.22 |      | 150.0 |         |
| 10183-AAB | LTE-FDD (SC-FDMA, 1 RB, 15 MHz, 64-QAM)    | X | 3.81  | 73.76  | 19.72 | 3.01 | 150.0 | ± 9.6 % |
|           |                                            | Y | 4.00  | 72.49  | 19.24 |      | 150.0 |         |
|           |                                            | Z | 3.26  | 72.41  | 18.91 |      | 150.0 |         |



|           |                                               |   |      |       |       |      |       |         |
|-----------|-----------------------------------------------|---|------|-------|-------|------|-------|---------|
| 10184-CAD | LTE-FDD (SC-FDMA, 1 RB, 3 MHz, QPSK)          | X | 3.16 | 70.75 | 19.74 | 3.01 | 150.0 | ± 9.6 % |
|           |                                               | Y | 3.43 | 70.46 | 19.54 |      | 150.0 |         |
|           |                                               | Z | 2.78 | 69.36 | 18.92 |      | 150.0 |         |
| 10185-CAD | LTE-FDD (SC-FDMA, 1 RB, 3 MHz, 16-QAM)        | X | 5.33 | 80.90 | 23.72 | 3.01 | 150.0 | ± 9.6 % |
|           |                                               | Y | 4.83 | 76.44 | 21.80 |      | 150.0 |         |
|           |                                               | Z | 4.73 | 80.13 | 23.28 |      | 150.0 |         |
| 10186-AAD | LTE-FDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM)        | X | 3.83 | 73.85 | 19.77 | 3.01 | 150.0 | ± 9.6 % |
|           |                                               | Y | 4.02 | 72.56 | 19.27 |      | 150.0 |         |
|           |                                               | Z | 3.28 | 72.50 | 18.95 |      | 150.0 |         |
| 10187-CAD | LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, QPSK)        | X | 3.17 | 70.81 | 19.81 | 3.01 | 150.0 | ± 9.6 % |
|           |                                               | Y | 3.43 | 70.49 | 19.58 |      | 150.0 |         |
|           |                                               | Z | 2.80 | 69.45 | 19.01 |      | 150.0 |         |
| 10188-CAD | LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM)      | X | 5.67 | 82.21 | 24.34 | 3.01 | 150.0 | ± 9.6 % |
|           |                                               | Y | 5.00 | 77.17 | 22.19 |      | 150.0 |         |
|           |                                               | Z | 5.04 | 81.47 | 23.92 |      | 150.0 |         |
| 10189-AAD | LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM)      | X | 3.97 | 74.55 | 20.16 | 3.01 | 150.0 | ± 9.6 % |
|           |                                               | Y | 4.12 | 73.02 | 19.56 |      | 150.0 |         |
|           |                                               | Z | 3.40 | 73.16 | 19.34 |      | 150.0 |         |
| 10193-CAB | IEEE 802.11n (HT Greenfield, 6.5 Mbps, BPSK)  | X | 4.60 | 67.07 | 16.52 | 0.00 | 150.0 | ± 9.6 % |
|           |                                               | Y | 4.74 | 66.62 | 16.36 |      | 150.0 |         |
|           |                                               | Z | 4.41 | 67.15 | 16.35 |      | 150.0 |         |
| 10194-CAB | IEEE 802.11n (HT Greenfield, 39 Mbps, 16-QAM) | X | 4.78 | 67.38 | 16.64 | 0.00 | 150.0 | ± 9.6 % |
|           |                                               | Y | 4.94 | 67.01 | 16.47 |      | 150.0 |         |
|           |                                               | Z | 4.55 | 67.39 | 16.48 |      | 150.0 |         |
| 10195-CAB | IEEE 802.11n (HT Greenfield, 65 Mbps, 64-QAM) | X | 4.82 | 67.41 | 16.65 | 0.00 | 150.0 | ± 9.6 % |
|           |                                               | Y | 4.98 | 67.01 | 16.47 |      | 150.0 |         |
|           |                                               | Z | 4.59 | 67.40 | 16.49 |      | 150.0 |         |
| 10196-CAB | IEEE 802.11n (HT Mixed, 6.5 Mbps, BPSK)       | X | 4.61 | 67.13 | 16.55 | 0.00 | 150.0 | ± 9.6 % |
|           |                                               | Y | 4.76 | 66.73 | 16.40 |      | 150.0 |         |
|           |                                               | Z | 4.39 | 67.16 | 16.34 |      | 150.0 |         |
| 10197-CAB | IEEE 802.11n (HT Mixed, 39 Mbps, 16-QAM)      | X | 4.79 | 67.40 | 16.65 | 0.00 | 150.0 | ± 9.6 % |
|           |                                               | Y | 4.96 | 67.03 | 16.48 |      | 150.0 |         |
|           |                                               | Z | 4.56 | 67.39 | 16.48 |      | 150.0 |         |
| 10198-CAB | IEEE 802.11n (HT Mixed, 65 Mbps, 64-QAM)      | X | 4.82 | 67.42 | 16.66 | 0.00 | 150.0 | ± 9.6 % |
|           |                                               | Y | 4.99 | 67.02 | 16.48 |      | 150.0 |         |
|           |                                               | Z | 4.58 | 67.40 | 16.49 |      | 150.0 |         |
| 10219-CAB | IEEE 802.11n (HT Mixed, 7.2 Mbps, BPSK)       | X | 4.56 | 67.16 | 16.52 | 0.00 | 150.0 | ± 9.6 % |
|           |                                               | Y | 4.71 | 66.75 | 16.37 |      | 150.0 |         |
|           |                                               | Z | 4.35 | 67.21 | 16.32 |      | 150.0 |         |
| 10220-CAB | IEEE 802.11n (HT Mixed, 43.3 Mbps, 16-QAM)    | X | 4.78 | 67.37 | 16.64 | 0.00 | 150.0 | ± 9.6 % |
|           |                                               | Y | 4.96 | 67.03 | 16.48 |      | 150.0 |         |
|           |                                               | Z | 4.55 | 67.35 | 16.47 |      | 150.0 |         |
| 10221-CAB | IEEE 802.11n (HT Mixed, 72.2 Mbps, 64-QAM)    | X | 4.83 | 67.34 | 16.64 | 0.00 | 150.0 | ± 9.6 % |
|           |                                               | Y | 5.00 | 66.96 | 16.47 |      | 150.0 |         |
|           |                                               | Z | 4.59 | 67.34 | 16.47 |      | 150.0 |         |
| 10222-CAB | IEEE 802.11n (HT Mixed, 15 Mbps, BPSK)        | X | 5.14 | 67.48 | 16.71 | 0.00 | 150.0 | ± 9.6 % |
|           |                                               | Y | 5.29 | 67.28 | 16.60 |      | 150.0 |         |
|           |                                               | Z | 4.95 | 67.36 | 16.56 |      | 150.0 |         |

|           |                                           |   |       |        |       |      |       |         |
|-----------|-------------------------------------------|---|-------|--------|-------|------|-------|---------|
| 10223-CAB | IEEE 802.11n (HT Mixed, 90 Mbps, 16-QAM)  | X | 5.44  | 67.63  | 16.80 | 0.00 | 150.0 | ± 9.6 % |
|           |                                           | Y | 5.68  | 67.60  | 16.77 |      | 150.0 |         |
|           |                                           | Z | 5.21  | 67.52  | 16.64 |      | 150.0 |         |
| 10224-CAB | IEEE 802.11n (HT Mixed, 150 Mbps, 64-QAM) | X | 5.19  | 67.60  | 16.70 | 0.00 | 150.0 | ± 9.6 % |
|           |                                           | Y | 5.35  | 67.40  | 16.58 |      | 150.0 |         |
|           |                                           | Z | 4.99  | 67.49  | 16.55 |      | 150.0 |         |
| 10225-CAB | UMTS-FDD (HSPA+)                          | X | 2.93  | 67.19  | 16.14 | 0.00 | 150.0 | ± 9.6 % |
|           |                                           | Y | 3.01  | 66.27  | 15.87 |      | 150.0 |         |
|           |                                           | Z | 2.74  | 67.11  | 15.52 |      | 150.0 |         |
| 10226-CAA | LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM)  | X | 15.96 | 95.88  | 26.76 | 6.02 | 65.0  | ± 9.6 % |
|           |                                           | Y | 24.01 | 101.84 | 29.58 |      | 65.0  |         |
|           |                                           | Z | 7.16  | 84.89  | 22.90 |      | 65.0  |         |
| 10227-CAA | LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM)  | X | 13.49 | 91.65  | 24.83 | 6.02 | 65.0  | ± 9.6 % |
|           |                                           | Y | 18.85 | 96.21  | 27.38 |      | 65.0  |         |
|           |                                           | Z | 6.58  | 82.43  | 21.39 |      | 65.0  |         |
| 10228-CAA | LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, QPSK)    | X | 9.85  | 92.01  | 27.60 | 6.02 | 65.0  | ± 9.6 % |
|           |                                           | Y | 20.14 | 103.85 | 32.02 |      | 65.0  |         |
|           |                                           | Z | 4.70  | 80.45  | 23.39 |      | 65.0  |         |
| 10229-CAB | LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 16-QAM)    | X | 14.65 | 94.30  | 26.18 | 6.02 | 65.0  | ± 9.6 % |
|           |                                           | Y | 22.65 | 100.65 | 29.15 |      | 65.0  |         |
|           |                                           | Z | 6.71  | 83.72  | 22.41 |      | 65.0  |         |
| 10230-CAB | LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM)    | X | 12.47 | 90.31  | 24.33 | 6.02 | 65.0  | ± 9.6 % |
|           |                                           | Y | 17.93 | 95.25  | 27.01 |      | 65.0  |         |
|           |                                           | Z | 6.16  | 81.36  | 20.94 |      | 65.0  |         |
| 10231-CAB | LTE-TDD (SC-FDMA, 1 RB, 3 MHz, QPSK)      | X | 9.30  | 90.86  | 27.13 | 6.02 | 65.0  | ± 9.6 % |
|           |                                           | Y | 19.16 | 102.77 | 31.62 |      | 65.0  |         |
|           |                                           | Z | 4.51  | 79.66  | 23.01 |      | 65.0  |         |
| 10232-CAC | LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 16-QAM)    | X | 14.62 | 94.28  | 26.17 | 6.02 | 65.0  | ± 9.6 % |
|           |                                           | Y | 22.64 | 100.65 | 29.15 |      | 65.0  |         |
|           |                                           | Z | 6.69  | 83.70  | 22.40 |      | 65.0  |         |
| 10233-CAC | LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 64-QAM)    | X | 12.45 | 90.29  | 24.32 | 6.02 | 65.0  | ± 9.6 % |
|           |                                           | Y | 17.93 | 95.26  | 27.01 |      | 65.0  |         |
|           |                                           | Z | 6.14  | 81.33  | 20.93 |      | 65.0  |         |
| 10234-CAC | LTE-TDD (SC-FDMA, 1 RB, 5 MHz, QPSK)      | X | 8.84  | 89.76  | 26.64 | 6.02 | 65.0  | ± 9.6 % |
|           |                                           | Y | 18.20 | 101.60 | 31.16 |      | 65.0  |         |
|           |                                           | Z | 4.36  | 78.95  | 22.61 |      | 65.0  |         |
| 10235-CAC | LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 16-QAM)   | X | 14.64 | 94.31  | 26.19 | 6.02 | 65.0  | ± 9.6 % |
|           |                                           | Y | 22.68 | 100.70 | 29.17 |      | 65.0  |         |
|           |                                           | Z | 6.70  | 83.72  | 22.41 |      | 65.0  |         |
| 10236-CAC | LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 64-QAM)   | X | 12.57 | 90.42  | 24.36 | 6.02 | 65.0  | ± 9.6 % |
|           |                                           | Y | 18.11 | 95.41  | 27.05 |      | 65.0  |         |
|           |                                           | Z | 6.20  | 81.44  | 20.96 |      | 65.0  |         |
| 10237-CAC | LTE-TDD (SC-FDMA, 1 RB, 10 MHz, QPSK)     | X | 9.32  | 90.92  | 27.15 | 6.02 | 65.0  | ± 9.6 % |
|           |                                           | Y | 19.30 | 102.95 | 31.67 |      | 65.0  |         |
|           |                                           | Z | 4.51  | 79.67  | 23.01 |      | 65.0  |         |
| 10238-CAC | LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 16-QAM)   | X | 14.58 | 94.25  | 26.16 | 6.02 | 65.0  | ± 9.6 % |
|           |                                           | Y | 22.63 | 100.66 | 29.15 |      | 65.0  |         |
|           |                                           | Z | 6.67  | 83.67  | 22.39 |      | 65.0  |         |



|           |                                            |   |       |        |       |      |      |         |
|-----------|--------------------------------------------|---|-------|--------|-------|------|------|---------|
| 10239-CAC | LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 64-QAM)    | X | 12.41 | 90.26  | 24.31 | 6.02 | 65.0 | ± 9.6 % |
|           |                                            | Y | 17.91 | 95.27  | 27.01 |      | 65.0 |         |
|           |                                            | Z | 6.12  | 81.30  | 20.92 |      | 65.0 |         |
| 10240-CAC | LTE-TDD (SC-FDMA, 1 RB, 15 MHz, QPSK)      | X | 9.29  | 90.87  | 27.13 | 6.02 | 65.0 | ± 9.6 % |
|           |                                            | Y | 19.22 | 102.88 | 31.65 |      | 65.0 |         |
|           |                                            | Z | 4.50  | 79.65  | 23.00 |      | 65.0 |         |
| 10241-CAA | LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 16-QAM) | X | 8.22  | 80.57  | 24.49 | 6.98 | 65.0 | ± 9.6 % |
|           |                                            | Y | 9.81  | 82.45  | 26.01 |      | 65.0 |         |
|           |                                            | Z | 6.83  | 78.93  | 23.54 |      | 65.0 |         |
| 10242-CAA | LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 64-QAM) | X | 7.25  | 78.01  | 23.36 | 6.98 | 65.0 | ± 9.6 % |
|           |                                            | Y | 9.05  | 80.64  | 25.18 |      | 65.0 |         |
|           |                                            | Z | 5.92  | 76.20  | 22.33 |      | 65.0 |         |
| 10243-CAA | LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, QPSK)   | X | 5.85  | 74.59  | 22.77 | 6.98 | 65.0 | ± 9.6 % |
|           |                                            | Y | 7.45  | 78.12  | 25.01 |      | 65.0 |         |
|           |                                            | Z | 4.88  | 72.68  | 21.68 |      | 65.0 |         |
| 10244-CAB | LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 16-QAM)   | X | 5.35  | 72.99  | 16.76 | 3.98 | 65.0 | ± 9.6 % |
|           |                                            | Y | 8.06  | 79.16  | 20.88 |      | 65.0 |         |
|           |                                            | Z | 3.32  | 66.98  | 12.62 |      | 65.0 |         |
| 10245-CAB | LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 64-QAM)   | X | 5.27  | 72.52  | 16.51 | 3.98 | 65.0 | ± 9.6 % |
|           |                                            | Y | 7.98  | 78.73  | 20.67 |      | 65.0 |         |
|           |                                            | Z | 3.28  | 66.65  | 12.42 |      | 65.0 |         |
| 10246-CAB | LTE-TDD (SC-FDMA, 50% RB, 3 MHz, QPSK)     | X | 5.04  | 75.42  | 18.12 | 3.98 | 65.0 | ± 9.6 % |
|           |                                            | Y | 8.58  | 83.40  | 22.48 |      | 65.0 |         |
|           |                                            | Z | 3.04  | 68.97  | 14.27 |      | 65.0 |         |
| 10247-CAC | LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM)   | X | 4.97  | 72.59  | 17.65 | 3.98 | 65.0 | ± 9.6 % |
|           |                                            | Y | 6.85  | 77.15  | 20.71 |      | 65.0 |         |
|           |                                            | Z | 3.62  | 68.60  | 14.83 |      | 65.0 |         |
| 10248-CAC | LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 64-QAM)   | X | 4.98  | 72.14  | 17.45 | 3.98 | 65.0 | ± 9.6 % |
|           |                                            | Y | 6.87  | 76.65  | 20.49 |      | 65.0 |         |
|           |                                            | Z | 3.63  | 68.23  | 14.65 |      | 65.0 |         |
| 10249-CAC | LTE-TDD (SC-FDMA, 50% RB, 5 MHz, QPSK)     | X | 6.17  | 78.67  | 20.27 | 3.98 | 65.0 | ± 9.6 % |
|           |                                            | Y | 9.28  | 84.67  | 23.47 |      | 65.0 |         |
|           |                                            | Z | 4.08  | 73.24  | 17.33 |      | 65.0 |         |
| 10250-CAC | LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM)  | X | 5.96  | 75.33  | 20.40 | 3.98 | 65.0 | ± 9.6 % |
|           |                                            | Y | 7.52  | 78.44  | 22.32 |      | 65.0 |         |
|           |                                            | Z | 4.78  | 72.55  | 18.70 |      | 65.0 |         |
| 10251-CAC | LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM)  | X | 5.67  | 73.26  | 19.17 | 3.98 | 65.0 | ± 9.6 % |
|           |                                            | Y | 7.15  | 76.30  | 21.16 |      | 65.0 |         |
|           |                                            | Z | 4.55  | 70.61  | 17.45 |      | 65.0 |         |
| 10252-CAC | LTE-TDD (SC-FDMA, 50% RB, 10 MHz, QPSK)    | X | 6.62  | 79.03  | 21.33 | 3.98 | 65.0 | ± 9.6 % |
|           |                                            | Y | 8.87  | 82.94  | 23.37 |      | 65.0 |         |
|           |                                            | Z | 4.96  | 75.48  | 19.59 |      | 65.0 |         |
| 10253-CAC | LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 16-QAM)  | X | 5.78  | 72.58  | 19.23 | 3.98 | 65.0 | ± 9.6 % |
|           |                                            | Y | 7.10  | 75.32  | 20.97 |      | 65.0 |         |
|           |                                            | Z | 4.84  | 70.52  | 17.95 |      | 65.0 |         |
| 10254-CAC | LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 64-QAM)  | X | 6.15  | 73.55  | 19.98 | 3.98 | 65.0 | ± 9.6 % |
|           |                                            | Y | 7.45  | 76.03  | 21.57 |      | 65.0 |         |
|           |                                            | Z | 5.17  | 71.52  | 18.72 |      | 65.0 |         |

|           |                                             |   |      |       |       |      |      |         |
|-----------|---------------------------------------------|---|------|-------|-------|------|------|---------|
| 10255-CAC | LTE-TDD (SC-FDMA, 50% RB, 15 MHz, QPSK)     | X | 6.29 | 76.28 | 20.52 | 3.98 | 65.0 | ± 9.6 % |
|           |                                             | Y | 7.90 | 79.11 | 22.08 |      | 65.0 |         |
|           |                                             | Z | 5.09 | 73.86 | 19.31 |      | 65.0 |         |
| 10256-CAA | LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 16-QAM) | X | 4.11 | 69.09 | 14.01 | 3.98 | 65.0 | ± 9.6 % |
|           |                                             | Y | 7.26 | 77.38 | 19.42 |      | 65.0 |         |
|           |                                             | Z | 2.49 | 63.64 | 9.78  |      | 65.0 |         |
| 10257-CAA | LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 64-QAM) | X | 4.05 | 68.58 | 13.70 | 3.98 | 65.0 | ± 9.6 % |
|           |                                             | Y | 7.16 | 76.78 | 19.11 |      | 65.0 |         |
|           |                                             | Z | 2.47 | 63.34 | 9.54  |      | 65.0 |         |
| 10258-CAA | LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, QPSK)   | X | 3.85 | 71.18 | 15.53 | 3.98 | 65.0 | ± 9.6 % |
|           |                                             | Y | 7.56 | 81.20 | 21.15 |      | 65.0 |         |
|           |                                             | Z | 2.27 | 65.00 | 11.29 |      | 65.0 |         |
| 10259-CAB | LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 16-QAM)   | X | 5.36 | 73.61 | 18.64 | 3.98 | 65.0 | ± 9.6 % |
|           |                                             | Y | 7.10 | 77.52 | 21.24 |      | 65.0 |         |
|           |                                             | Z | 4.06 | 70.11 | 16.25 |      | 65.0 |         |
| 10260-CAB | LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 64-QAM)   | X | 5.39 | 73.40 | 18.57 | 3.98 | 65.0 | ± 9.6 % |
|           |                                             | Y | 7.14 | 77.29 | 21.17 |      | 65.0 |         |
|           |                                             | Z | 4.10 | 69.94 | 16.17 |      | 65.0 |         |
| 10261-CAB | LTE-TDD (SC-FDMA, 100% RB, 3 MHz, QPSK)     | X | 6.08 | 78.10 | 20.45 | 3.98 | 65.0 | ± 9.6 % |
|           |                                             | Y | 8.68 | 83.20 | 23.21 |      | 65.0 |         |
|           |                                             | Z | 4.31 | 73.69 | 18.04 |      | 65.0 |         |
| 10262-CAC | LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 16-QAM)   | X | 5.95 | 75.27 | 20.35 | 3.98 | 65.0 | ± 9.6 % |
|           |                                             | Y | 7.52 | 78.42 | 22.29 |      | 65.0 |         |
|           |                                             | Z | 4.76 | 72.47 | 18.65 |      | 65.0 |         |
| 10263-CAC | LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 64-QAM)   | X | 5.67 | 73.24 | 19.16 | 3.98 | 65.0 | ± 9.6 % |
|           |                                             | Y | 7.15 | 76.29 | 21.17 |      | 65.0 |         |
|           |                                             | Z | 4.54 | 70.59 | 17.44 |      | 65.0 |         |
| 10264-CAC | LTE-TDD (SC-FDMA, 100% RB, 5 MHz, QPSK)     | X | 6.56 | 78.84 | 21.24 | 3.98 | 65.0 | ± 9.6 % |
|           |                                             | Y | 8.81 | 82.80 | 23.30 |      | 65.0 |         |
|           |                                             | Z | 4.92 | 75.30 | 19.49 |      | 65.0 |         |
| 10265-CAC | LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 16-QAM)  | X | 5.89 | 73.08 | 19.45 | 3.98 | 65.0 | ± 9.6 % |
|           |                                             | Y | 7.35 | 76.05 | 21.21 |      | 65.0 |         |
|           |                                             | Z | 4.89 | 70.83 | 18.18 |      | 65.0 |         |
| 10266-CAC | LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 64-QAM)  | X | 6.29 | 74.11 | 20.27 | 3.98 | 65.0 | ± 9.6 % |
|           |                                             | Y | 7.67 | 76.71 | 21.82 |      | 65.0 |         |
|           |                                             | Z | 5.27 | 71.98 | 19.07 |      | 65.0 |         |
| 10267-CAC | LTE-TDD (SC-FDMA, 100% RB, 10 MHz, QPSK)    | X | 6.55 | 76.77 | 20.49 | 3.98 | 65.0 | ± 9.6 % |
|           |                                             | Y | 8.26 | 79.65 | 22.02 |      | 65.0 |         |
|           |                                             | Z | 5.26 | 74.28 | 19.35 |      | 65.0 |         |
| 10268-CAC | LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 16-QAM)  | X | 6.55 | 73.18 | 19.92 | 3.98 | 65.0 | ± 9.6 % |
|           |                                             | Y | 7.82 | 75.51 | 21.29 |      | 65.0 |         |
|           |                                             | Z | 5.60 | 71.30 | 18.93 |      | 65.0 |         |
| 10269-CAC | LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 64-QAM)  | X | 6.53 | 72.81 | 19.83 | 3.98 | 65.0 | ± 9.6 % |
|           |                                             | Y | 7.73 | 75.04 | 21.18 |      | 65.0 |         |
|           |                                             | Z | 5.63 | 71.03 | 18.85 |      | 65.0 |         |
| 10270-CAC | LTE-TDD (SC-FDMA, 100% RB, 15 MHz, QPSK)    | X | 6.52 | 74.68 | 19.83 | 3.98 | 65.0 | ± 9.6 % |
|           |                                             | Y | 7.85 | 76.89 | 21.05 |      | 65.0 |         |
|           |                                             | Z | 5.50 | 72.81 | 18.96 |      | 65.0 |         |



|           |                                                                    |   |        |        |       |      |       |         |
|-----------|--------------------------------------------------------------------|---|--------|--------|-------|------|-------|---------|
| 10274-CAB | UMTS-FDD (HSUPA, Subtest 5, 3GPP Rel8.10)                          | X | 2.74   | 67.80  | 16.19 | 0.00 | 150.0 | ± 9.6 % |
|           |                                                                    | Y | 2.72   | 66.52  | 15.72 |      | 150.0 |         |
|           |                                                                    | Z | 2.60   | 67.86  | 15.66 |      | 150.0 |         |
| 10275-CAB | UMTS-FDD (HSUPA, Subtest 5, 3GPP Rel8.4)                           | X | 1.95   | 71.69  | 17.83 | 0.00 | 150.0 | ± 9.6 % |
|           |                                                                    | Y | 1.82   | 69.19  | 16.57 |      | 150.0 |         |
|           |                                                                    | Z | 1.73   | 70.45  | 16.81 |      | 150.0 |         |
| 10277-CAA | PHS (QPSK)                                                         | X | 2.69   | 62.33  | 8.04  | 9.03 | 50.0  | ± 9.6 % |
|           |                                                                    | Y | 3.72   | 66.06  | 11.41 |      | 50.0  |         |
|           |                                                                    | Z | 2.34   | 61.20  | 6.81  |      | 50.0  |         |
| 10278-CAA | PHS (QPSK, BW 884MHz, Rolloff 0.5)                                 | X | 4.37   | 69.41  | 14.05 | 9.03 | 50.0  | ± 9.6 % |
|           |                                                                    | Y | 9.85   | 83.44  | 21.70 |      | 50.0  |         |
|           |                                                                    | Z | 3.37   | 65.43  | 11.12 |      | 50.0  |         |
| 10279-CAA | PHS (QPSK, BW 884MHz, Rolloff 0.38)                                | X | 4.48   | 69.65  | 14.20 | 9.03 | 50.0  | ± 9.6 % |
|           |                                                                    | Y | 10.11  | 83.71  | 21.82 |      | 50.0  |         |
|           |                                                                    | Z | 3.42   | 65.58  | 11.25 |      | 50.0  |         |
| 10290-AAB | CDMA2000, RC1, SO55, Full Rate                                     | X | 2.88   | 79.00  | 18.76 | 0.00 | 150.0 | ± 9.6 % |
|           |                                                                    | Y | 1.94   | 71.56  | 16.52 |      | 150.0 |         |
|           |                                                                    | Z | 1.54   | 71.15  | 14.05 |      | 150.0 |         |
| 10291-AAB | CDMA2000, RC3, SO55, Full Rate                                     | X | 1.51   | 74.98  | 17.31 | 0.00 | 150.0 | ± 9.6 % |
|           |                                                                    | Y | 1.12   | 68.82  | 15.26 |      | 150.0 |         |
|           |                                                                    | Z | 0.93   | 68.88  | 13.02 |      | 150.0 |         |
| 10292-AAB | CDMA2000, RC3, SO32, Full Rate                                     | X | 7.92   | 100.65 | 26.30 | 0.00 | 150.0 | ± 9.6 % |
|           |                                                                    | Y | 1.47   | 73.97  | 18.00 |      | 150.0 |         |
|           |                                                                    | Z | 5.40   | 91.63  | 21.44 |      | 150.0 |         |
| 10293-AAB | CDMA2000, RC3, SO3, Full Rate                                      | X | 100.00 | 141.42 | 36.88 | 0.00 | 150.0 | ± 9.6 % |
|           |                                                                    | Y | 2.13   | 80.04  | 20.91 |      | 150.0 |         |
|           |                                                                    | Z | 100.00 | 132.02 | 32.07 |      | 150.0 |         |
| 10295-AAB | CDMA2000, RC1, SO3, 1/8th Rate 25 fr.                              | X | 7.15   | 78.04  | 20.41 | 9.03 | 50.0  | ± 9.6 % |
|           |                                                                    | Y | 8.62   | 82.97  | 24.21 |      | 50.0  |         |
|           |                                                                    | Z | 7.15   | 76.73  | 18.60 |      | 50.0  |         |
| 10297-AAB | LTE-FDD (SC-FDMA, 50% RB, 20 MHz, QPSK)                            | X | 3.14   | 72.32  | 18.13 | 0.00 | 150.0 | ± 9.6 % |
|           |                                                                    | Y | 3.11   | 70.82  | 17.23 |      | 150.0 |         |
|           |                                                                    | Z | 2.78   | 71.20  | 17.52 |      | 150.0 |         |
| 10298-AAC | LTE-FDD (SC-FDMA, 50% RB, 3 MHz, QPSK)                             | X | 2.25   | 73.65  | 17.32 | 0.00 | 150.0 | ± 9.6 % |
|           |                                                                    | Y | 2.02   | 69.97  | 16.29 |      | 150.0 |         |
|           |                                                                    | Z | 1.50   | 68.84  | 13.80 |      | 150.0 |         |
| 10299-AAC | LTE-FDD (SC-FDMA, 50% RB, 3 MHz, 16-QAM)                           | X | 3.72   | 74.43  | 16.37 | 0.00 | 150.0 | ± 9.6 % |
|           |                                                                    | Y | 3.33   | 72.09  | 16.71 |      | 150.0 |         |
|           |                                                                    | Z | 1.78   | 65.55  | 10.66 |      | 150.0 |         |
| 10300-AAC | LTE-FDD (SC-FDMA, 50% RB, 3 MHz, 64-QAM)                           | X | 2.20   | 66.62  | 12.18 | 0.00 | 150.0 | ± 9.6 % |
|           |                                                                    | Y | 2.63   | 67.78  | 14.06 |      | 150.0 |         |
|           |                                                                    | Z | 1.32   | 62.03  | 8.14  |      | 150.0 |         |
| 10301-AAA | IEEE 802.16e WiMAX (29:18, 5ms, 10MHz, QPSK, PUSC)                 | X | 4.75   | 65.60  | 17.66 | 4.17 | 50.0  | ± 9.6 % |
|           |                                                                    | Y | 5.31   | 66.47  | 18.31 |      | 50.0  |         |
|           |                                                                    | Z | 4.43   | 65.54  | 17.29 |      | 50.0  |         |
| 10302-AAA | IEEE 802.16e WiMAX (29:18, 5ms, 10MHz, QPSK, PUSC, 3 CTRL symbols) | X | 5.20   | 66.09  | 18.29 | 4.96 | 50.0  | ± 9.6 % |
|           |                                                                    | Y | 5.73   | 66.81  | 18.88 |      | 50.0  |         |
|           |                                                                    | Z | 4.91   | 66.09  | 17.95 |      | 50.0  |         |

|           |                                                                     |   |      |       |       |       |       |         |
|-----------|---------------------------------------------------------------------|---|------|-------|-------|-------|-------|---------|
| 10303-AAA | IEEE 802.16e WiMAX (31:15, 5ms, 10MHz, 64QAM, PUSC)                 | X | 4.96 | 65.76 | 18.15 | 4.96  | 50.0  | ± 9.6 % |
|           |                                                                     | Y | 5.53 | 66.68 | 18.86 |       | 50.0  |         |
|           |                                                                     | Z | 4.68 | 65.77 | 17.77 |       | 50.0  |         |
| 10304-AAA | IEEE 802.16e WiMAX (29:18, 5ms, 10MHz, 64QAM, PUSC)                 | X | 4.77 | 65.67 | 17.68 | 4.17  | 50.0  | ± 9.6 % |
|           |                                                                     | Y | 5.26 | 66.27 | 18.18 |       | 50.0  |         |
|           |                                                                     | Z | 4.49 | 65.74 | 17.36 |       | 50.0  |         |
| 10305-AAA | IEEE 802.16e WiMAX (31:15, 10ms, 10MHz, 64QAM, PUSC, 15 symbols)    | X | 4.57 | 68.17 | 20.01 | 6.02  | 35.0  | ± 9.6 % |
|           |                                                                     | Y | 5.32 | 70.33 | 21.79 |       | 35.0  |         |
|           |                                                                     | Z | 4.42 | 68.62 | 19.40 |       | 35.0  |         |
| 10306-AAA | IEEE 802.16e WiMAX (29:18, 10ms, 10MHz, 64QAM, PUSC, 18 symbols)    | X | 4.79 | 66.76 | 19.36 | 6.02  | 35.0  | ± 9.6 % |
|           |                                                                     | Y | 5.39 | 67.60 | 20.14 |       | 35.0  |         |
|           |                                                                     | Z | 4.58 | 67.10 | 18.93 |       | 35.0  |         |
| 10307-AAA | IEEE 802.16e WiMAX (29:18, 10ms, 10MHz, QPSK, PUSC, 18 symbols)     | X | 4.72 | 67.07 | 19.41 | 6.02  | 35.0  | ± 9.6 % |
|           |                                                                     | Y | 5.39 | 68.79 | 20.83 |       | 35.0  |         |
|           |                                                                     | Z | 4.50 | 67.27 | 18.90 |       | 35.0  |         |
| 10308-AAA | IEEE 802.16e WiMAX (29:18, 10ms, 10MHz, 16QAM, PUSC)                | X | 4.70 | 67.29 | 19.56 | 6.02  | 35.0  | ± 9.6 % |
|           |                                                                     | Y | 5.36 | 69.01 | 20.97 |       | 35.0  |         |
|           |                                                                     | Z | 4.49 | 67.53 | 19.06 |       | 35.0  |         |
| 10309-AAA | IEEE 802.16e WiMAX (29:18, 10ms, 10MHz, 16QAM, AMC 2x3, 18 symbols) | X | 4.85 | 66.96 | 19.50 | 6.02  | 35.0  | ± 9.6 % |
|           |                                                                     | Y | 5.49 | 67.92 | 20.32 |       | 35.0  |         |
|           |                                                                     | Z | 4.60 | 67.16 | 19.01 |       | 35.0  |         |
| 10310-AAA | IEEE 802.16e WiMAX (29:18, 10ms, 10MHz, QPSK, AMC 2x3, 18 symbols)  | X | 4.75 | 66.88 | 19.37 | 6.02  | 35.0  | ± 9.6 % |
|           |                                                                     | Y | 5.37 | 68.37 | 20.68 |       | 35.0  |         |
|           |                                                                     | Z | 4.55 | 67.22 | 18.94 |       | 35.0  |         |
| 10311-AAB | LTE-FDD (SC-FDMA, 100% RB, 15 MHz, QPSK)                            | X | 3.54 | 71.45 | 17.66 | 0.00  | 150.0 | ± 9.6 % |
|           |                                                                     | Y | 3.48 | 70.10 | 16.86 |       | 150.0 |         |
|           |                                                                     | Z | 3.16 | 70.32 | 17.09 |       | 150.0 |         |
| 10313-AAA | iDEN 1:3                                                            | X | 3.28 | 70.38 | 14.64 | 6.99  | 70.0  | ± 9.6 % |
|           |                                                                     | Y | 5.95 | 77.38 | 18.03 |       | 70.0  |         |
|           |                                                                     | Z | 2.41 | 67.74 | 13.48 |       | 70.0  |         |
| 10314-AAA | iDEN 1:6                                                            | X | 4.70 | 76.48 | 19.67 | 10.00 | 30.0  | ± 9.6 % |
|           |                                                                     | Y | 7.68 | 84.13 | 23.20 |       | 30.0  |         |
|           |                                                                     | Z | 3.65 | 73.12 | 18.25 |       | 30.0  |         |
| 10315-AAB | IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps, 96pc duty cycle)           | X | 1.16 | 65.49 | 16.62 | 0.17  | 150.0 | ± 9.6 % |
|           |                                                                     | Y | 1.15 | 64.56 | 15.95 |       | 150.0 |         |
|           |                                                                     | Z | 1.09 | 64.70 | 15.82 |       | 150.0 |         |
| 10316-AAB | IEEE 802.11g WiFi 2.4 GHz (ERP-OFDM, 6 Mbps, 96pc duty cycle)       | X | 4.62 | 66.95 | 16.51 | 0.17  | 150.0 | ± 9.6 % |
|           |                                                                     | Y | 4.80 | 66.69 | 16.47 |       | 150.0 |         |
|           |                                                                     | Z | 4.40 | 66.90 | 16.27 |       | 150.0 |         |
| 10317-AAB | IEEE 802.11a WiFi 5 GHz (OFDM, 6 Mbps, 96pc duty cycle)             | X | 4.62 | 66.95 | 16.51 | 0.17  | 150.0 | ± 9.6 % |
|           |                                                                     | Y | 4.80 | 66.69 | 16.47 |       | 150.0 |         |
|           |                                                                     | Z | 4.40 | 66.90 | 16.27 |       | 150.0 |         |
| 10400-AAC | IEEE 802.11ac WiFi (20MHz, 64-QAM, 99pc duty cycle)                 | X | 4.77 | 67.42 | 16.62 | 0.00  | 150.0 | ± 9.6 % |
|           |                                                                     | Y | 4.96 | 67.07 | 16.46 |       | 150.0 |         |
|           |                                                                     | Z | 4.51 | 67.36 | 16.43 |       | 150.0 |         |
| 10401-AAC | IEEE 802.11ac WiFi (40MHz, 64-QAM, 99pc duty cycle)                 | X | 5.44 | 67.46 | 16.68 | 0.00  | 150.0 | ± 9.6 % |
|           |                                                                     | Y | 5.55 | 67.05 | 16.48 |       | 150.0 |         |
|           |                                                                     | Z | 5.15 | 67.07 | 16.37 |       | 150.0 |         |



|           |                                                                                |   |        |        |       |      |       |         |
|-----------|--------------------------------------------------------------------------------|---|--------|--------|-------|------|-------|---------|
| 10402-AAC | IEEE 802.11ac WiFi (80MHz, 64-QAM, 99pc duty cycle)                            | X | 5.71   | 67.83  | 16.72 | 0.00 | 150.0 | ± 9.6 % |
|           |                                                                                | Y | 5.87   | 67.68  | 16.63 |      | 150.0 |         |
|           |                                                                                | Z | 5.50   | 67.67  | 16.56 |      | 150.0 |         |
| 10403-AAB | CDMA2000 (1xEV-DO, Rev. 0)                                                     | X | 2.88   | 79.00  | 18.76 | 0.00 | 115.0 | ± 9.6 % |
|           |                                                                                | Y | 1.94   | 71.56  | 16.52 |      | 115.0 |         |
|           |                                                                                | Z | 1.54   | 71.15  | 14.05 |      | 115.0 |         |
| 10404-AAB | CDMA2000 (1xEV-DO, Rev. A)                                                     | X | 2.88   | 79.00  | 18.76 | 0.00 | 115.0 | ± 9.6 % |
|           |                                                                                | Y | 1.94   | 71.56  | 16.52 |      | 115.0 |         |
|           |                                                                                | Z | 1.54   | 71.15  | 14.05 |      | 115.0 |         |
| 10406-AAB | CDMA2000, RC3, SO32, SCH0, Full Rate                                           | X | 100.00 | 120.12 | 29.50 | 0.00 | 100.0 | ± 9.6 % |
|           |                                                                                | Y | 21.35  | 103.09 | 27.29 |      | 100.0 |         |
|           |                                                                                | Z | 100.00 | 110.16 | 24.27 |      | 100.0 |         |
| 10410-AAB | LTE-TDD (SC-FDMA, 1 RB, 10 MHz, QPSK, UL Subframe=2,3,4,7,8,9)                 | X | 28.19  | 100.60 | 23.76 | 3.23 | 80.0  | ± 9.6 % |
|           |                                                                                | Y | 100.00 | 119.88 | 30.21 |      | 80.0  |         |
|           |                                                                                | Z | 3.30   | 76.03  | 15.64 |      | 80.0  |         |
| 10415-AAA | IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps, 99pc duty cycle)                      | X | 1.08   | 64.74  | 16.23 | 0.00 | 150.0 | ± 9.6 % |
|           |                                                                                | Y | 1.04   | 63.42  | 15.26 |      | 150.0 |         |
|           |                                                                                | Z | 1.04   | 64.29  | 15.59 |      | 150.0 |         |
| 10416-AAA | IEEE 802.11g WiFi 2.4 GHz (ERP-OFDM, 6 Mbps, 99pc duty cycle)                  | X | 4.60   | 67.10  | 16.59 | 0.00 | 150.0 | ± 9.6 % |
|           |                                                                                | Y | 4.74   | 66.64  | 16.39 |      | 150.0 |         |
|           |                                                                                | Z | 4.40   | 67.14  | 16.41 |      | 150.0 |         |
| 10417-AAA | IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps, 99pc duty cycle)                      | X | 4.60   | 67.10  | 16.59 | 0.00 | 150.0 | ± 9.6 % |
|           |                                                                                | Y | 4.74   | 66.64  | 16.39 |      | 150.0 |         |
|           |                                                                                | Z | 4.40   | 67.14  | 16.41 |      | 150.0 |         |
| 10418-AAA | IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps, 99pc duty cycle, Long preamble)  | X | 4.60   | 67.28  | 16.62 | 0.00 | 150.0 | ± 9.6 % |
|           |                                                                                | Y | 4.72   | 66.78  | 16.39 |      | 150.0 |         |
|           |                                                                                | Z | 4.40   | 67.36  | 16.48 |      | 150.0 |         |
| 10419-AAA | IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps, 99pc duty cycle, Short preamble) | X | 4.62   | 67.22  | 16.61 | 0.00 | 150.0 | ± 9.6 % |
|           |                                                                                | Y | 4.75   | 66.74  | 16.40 |      | 150.0 |         |
|           |                                                                                | Z | 4.41   | 67.28  | 16.46 |      | 150.0 |         |
| 10422-AAA | IEEE 802.11n (HT Greenfield, 7.2 Mbps, BPSK)                                   | X | 4.73   | 67.19  | 16.61 | 0.00 | 150.0 | ± 9.6 % |
|           |                                                                                | Y | 4.88   | 66.75  | 16.41 |      | 150.0 |         |
|           |                                                                                | Z | 4.52   | 67.24  | 16.46 |      | 150.0 |         |
| 10423-AAA | IEEE 802.11n (HT Greenfield, 43.3 Mbps, 16-QAM)                                | X | 4.90   | 67.51  | 16.72 | 0.00 | 150.0 | ± 9.6 % |
|           |                                                                                | Y | 5.10   | 67.16  | 16.56 |      | 150.0 |         |
|           |                                                                                | Z | 4.65   | 67.50  | 16.54 |      | 150.0 |         |
| 10424-AAA | IEEE 802.11n (HT Greenfield, 72.2 Mbps, 64-QAM)                                | X | 4.82   | 67.48  | 16.70 | 0.00 | 150.0 | ± 9.6 % |
|           |                                                                                | Y | 5.00   | 67.09  | 16.52 |      | 150.0 |         |
|           |                                                                                | Z | 4.58   | 67.46  | 16.53 |      | 150.0 |         |
| 10425-AAA | IEEE 802.11n (HT Greenfield, 15 Mbps, BPSK)                                    | X | 5.41   | 67.68  | 16.80 | 0.00 | 150.0 | ± 9.6 % |
|           |                                                                                | Y | 5.56   | 67.41  | 16.66 |      | 150.0 |         |
|           |                                                                                | Z | 5.18   | 67.55  | 16.64 |      | 150.0 |         |
| 10426-AAA | IEEE 802.11n (HT Greenfield, 90 Mbps, 16-QAM)                                  | X | 5.41   | 67.70  | 16.81 | 0.00 | 150.0 | ± 9.6 % |
|           |                                                                                | Y | 5.57   | 67.45  | 16.67 |      | 150.0 |         |
|           |                                                                                | Z | 5.19   | 67.61  | 16.66 |      | 150.0 |         |



|           |                                                                |   |        |        |       |      |       |         |
|-----------|----------------------------------------------------------------|---|--------|--------|-------|------|-------|---------|
| 10427-AAA | IEEE 802.11n (HT Greenfield, 150 Mbps, 64-QAM)                 | X | 5.43   | 67.69  | 16.80 | 0.00 | 150.0 | ± 9.6 % |
|           |                                                                | Y | 5.60   | 67.48  | 16.68 |      | 150.0 |         |
|           |                                                                | Z | 5.16   | 67.43  | 16.57 |      | 150.0 |         |
| 10430-AAA | LTE-FDD (OFDMA, 5 MHz, E-TM 3.1)                               | X | 4.72   | 73.17  | 19.59 | 0.00 | 150.0 | ± 9.6 % |
|           |                                                                | Y | 4.45   | 70.04  | 18.26 |      | 150.0 |         |
|           |                                                                | Z | 4.87   | 75.18  | 19.88 |      | 150.0 |         |
| 10431-AAA | LTE-FDD (OFDMA, 10 MHz, E-TM 3.1)                              | X | 4.31   | 67.82  | 16.69 | 0.00 | 150.0 | ± 9.6 % |
|           |                                                                | Y | 4.50   | 67.23  | 16.50 |      | 150.0 |         |
|           |                                                                | Z | 4.05   | 67.87  | 16.40 |      | 150.0 |         |
| 10432-AAA | LTE-FDD (OFDMA, 15 MHz, E-TM 3.1)                              | X | 4.60   | 67.59  | 16.69 | 0.00 | 150.0 | ± 9.6 % |
|           |                                                                | Y | 4.78   | 67.13  | 16.51 |      | 150.0 |         |
|           |                                                                | Z | 4.35   | 67.61  | 16.49 |      | 150.0 |         |
| 10433-AAA | LTE-FDD (OFDMA, 20 MHz, E-TM 3.1)                              | X | 4.84   | 67.51  | 16.73 | 0.00 | 150.0 | ± 9.6 % |
|           |                                                                | Y | 5.02   | 67.14  | 16.56 |      | 150.0 |         |
|           |                                                                | Z | 4.60   | 67.49  | 16.55 |      | 150.0 |         |
| 10434-AAA | W-CDMA (BS Test Model 1, 64 DPCH)                              | X | 5.02   | 74.69  | 19.83 | 0.00 | 150.0 | ± 9.6 % |
|           |                                                                | Y | 4.54   | 70.73  | 18.28 |      | 150.0 |         |
|           |                                                                | Z | 5.31   | 77.04  | 20.07 |      | 150.0 |         |
| 10435-AAB | LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK, UL Subframe=2,3,4,7,8,9) | X | 24.29  | 98.61  | 23.19 | 3.23 | 80.0  | ± 9.6 % |
|           |                                                                | Y | 100.00 | 119.70 | 30.13 |      | 80.0  |         |
|           |                                                                | Z | 3.15   | 75.42  | 15.38 |      | 80.0  |         |
| 10447-AAA | LTE-FDD (OFDMA, 5 MHz, E-TM 3.1, Clipping 44%)                 | X | 3.66   | 68.20  | 16.25 | 0.00 | 150.0 | ± 9.6 % |
|           |                                                                | Y | 3.83   | 67.33  | 16.13 |      | 150.0 |         |
|           |                                                                | Z | 3.33   | 68.00  | 15.48 |      | 150.0 |         |
| 10448-AAA | LTE-FDD (OFDMA, 10 MHz, E-TM 3.1, Clipping 44%)                | X | 4.15   | 67.62  | 16.57 | 0.00 | 150.0 | ± 9.6 % |
|           |                                                                | Y | 4.31   | 67.00  | 16.36 |      | 150.0 |         |
|           |                                                                | Z | 3.91   | 67.68  | 16.28 |      | 150.0 |         |
| 10449-AAA | LTE-FDD (OFDMA, 15 MHz, E-TM 3.1, Clipping 44%)                | X | 4.41   | 67.45  | 16.62 | 0.00 | 150.0 | ± 9.6 % |
|           |                                                                | Y | 4.56   | 66.96  | 16.41 |      | 150.0 |         |
|           |                                                                | Z | 4.19   | 67.46  | 16.41 |      | 150.0 |         |
| 10450-AAA | LTE-FDD (OFDMA, 20 MHz, E-TM 3.1, Clipping 44%)                | X | 4.60   | 67.31  | 16.60 | 0.00 | 150.0 | ± 9.6 % |
|           |                                                                | Y | 4.73   | 66.89  | 16.41 |      | 150.0 |         |
|           |                                                                | Z | 4.39   | 67.29  | 16.42 |      | 150.0 |         |
| 10451-AAA | W-CDMA (BS Test Model 1, 64 DPCH, Clipping 44%)                | X | 3.59   | 68.56  | 15.96 | 0.00 | 150.0 | ± 9.6 % |
|           |                                                                | Y | 3.78   | 67.66  | 15.95 |      | 150.0 |         |
|           |                                                                | Z | 3.16   | 67.89  | 14.82 |      | 150.0 |         |
| 10456-AAA | IEEE 802.11ac WiFi (160MHz, 64-QAM, 99pc duty cycle)           | X | 6.26   | 68.16  | 16.90 | 0.00 | 150.0 | ± 9.6 % |
|           |                                                                | Y | 6.41   | 68.05  | 16.83 |      | 150.0 |         |
|           |                                                                | Z | 6.08   | 67.99  | 16.73 |      | 150.0 |         |
| 10457-AAA | UMTS-FDD (DC-HSDPA)                                            | X | 3.84   | 65.73  | 16.31 | 0.00 | 150.0 | ± 9.6 % |
|           |                                                                | Y | 3.89   | 65.30  | 16.14 |      | 150.0 |         |
|           |                                                                | Z | 3.74   | 65.87  | 16.15 |      | 150.0 |         |
| 10458-AAA | CDMA2000 (1xEV-DO, Rev. B, 2 carriers)                         | X | 3.38   | 67.72  | 15.28 | 0.00 | 150.0 | ± 9.6 % |
|           |                                                                | Y | 3.57   | 66.80  | 15.46 |      | 150.0 |         |
|           |                                                                | Z | 2.82   | 66.40  | 13.55 |      | 150.0 |         |
| 10459-AAA | CDMA2000 (1xEV-DO, Rev. B, 3 carriers)                         | X | 4.52   | 66.01  | 16.17 | 0.00 | 150.0 | ± 9.6 % |
|           |                                                                | Y | 4.72   | 65.09  | 16.12 |      | 150.0 |         |
|           |                                                                | Z | 4.04   | 65.56  | 15.17 |      | 150.0 |         |

|           |                                                                   |   |        |        |       |      |       |         |
|-----------|-------------------------------------------------------------------|---|--------|--------|-------|------|-------|---------|
| 10460-AAA | UMTS-FDD (WCDMA, AMR)                                             | X | 1.34   | 76.28  | 20.72 | 0.00 | 150.0 | ± 9.6 % |
|           |                                                                   | Y | 1.05   | 70.59  | 17.81 |      | 150.0 |         |
|           |                                                                   | Z | 1.10   | 73.06  | 18.77 |      | 150.0 |         |
| 10461-AAA | LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, QPSK, UL Subframe=2,3,4,7,8,9)   | X | 15.60  | 96.18  | 23.56 | 3.29 | 80.0  | ± 9.6 % |
|           |                                                                   | Y | 100.00 | 122.35 | 31.45 |      | 80.0  |         |
|           |                                                                   | Z | 1.47   | 68.67  | 13.97 |      | 80.0  |         |
| 10462-AAA | LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9) | X | 1.02   | 60.45  | 7.88  | 3.23 | 80.0  | ± 9.6 % |
|           |                                                                   | Y | 11.99  | 84.58  | 18.67 |      | 80.0  |         |
|           |                                                                   | Z | 0.79   | 60.00  | 6.32  |      | 80.0  |         |
| 10463-AAA | LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) | X | 0.99   | 60.00  | 7.18  | 3.23 | 80.0  | ± 9.6 % |
|           |                                                                   | Y | 5.05   | 74.15  | 14.90 |      | 80.0  |         |
|           |                                                                   | Z | 0.83   | 60.00  | 5.75  |      | 80.0  |         |
| 10464-AAA | LTE-TDD (SC-FDMA, 1 RB, 3 MHz, QPSK, UL Subframe=2,3,4,7,8,9)     | X | 8.23   | 86.95  | 20.30 | 3.23 | 80.0  | ± 9.6 % |
|           |                                                                   | Y | 100.00 | 120.22 | 30.31 |      | 80.0  |         |
|           |                                                                   | Z | 1.13   | 65.66  | 12.07 |      | 80.0  |         |
| 10465-AAA | LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)   | X | 0.97   | 60.05  | 7.61  | 3.23 | 80.0  | ± 9.6 % |
|           |                                                                   | Y | 8.27   | 80.39  | 17.34 |      | 80.0  |         |
|           |                                                                   | Z | 0.79   | 60.00  | 6.25  |      | 80.0  |         |
| 10466-AAA | LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)   | X | 0.99   | 60.00  | 7.14  | 3.23 | 80.0  | ± 9.6 % |
|           |                                                                   | Y | 4.11   | 71.92  | 14.06 |      | 80.0  |         |
|           |                                                                   | Z | 0.84   | 60.00  | 5.71  |      | 80.0  |         |
| 10467-AAB | LTE-TDD (SC-FDMA, 1 RB, 5 MHz, QPSK, UL Subframe=2,3,4,7,8,9)     | X | 9.60   | 88.88  | 20.89 | 3.23 | 80.0  | ± 9.6 % |
|           |                                                                   | Y | 100.00 | 120.42 | 30.40 |      | 80.0  |         |
|           |                                                                   | Z | 1.17   | 66.05  | 12.27 |      | 80.0  |         |
| 10468-AAB | LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)   | X | 0.98   | 60.14  | 7.67  | 3.23 | 80.0  | ± 9.6 % |
|           |                                                                   | Y | 8.97   | 81.32  | 17.64 |      | 80.0  |         |
|           |                                                                   | Z | 0.79   | 60.00  | 6.27  |      | 80.0  |         |
| 10469-AAB | LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)   | X | 0.99   | 60.00  | 7.13  | 3.23 | 80.0  | ± 9.6 % |
|           |                                                                   | Y | 4.13   | 71.99  | 14.08 |      | 80.0  |         |
|           |                                                                   | Z | 0.84   | 60.00  | 5.71  |      | 80.0  |         |
| 10470-AAB | LTE-TDD (SC-FDMA, 1 RB, 10 MHz, QPSK, UL Subframe=2,3,4,7,8,9)    | X | 9.60   | 88.90  | 20.88 | 3.23 | 80.0  | ± 9.6 % |
|           |                                                                   | Y | 100.00 | 120.45 | 30.41 |      | 80.0  |         |
|           |                                                                   | Z | 1.16   | 66.03  | 12.26 |      | 80.0  |         |
| 10471-AAB | LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)  | X | 0.97   | 60.10  | 7.64  | 3.23 | 80.0  | ± 9.6 % |
|           |                                                                   | Y | 8.91   | 81.24  | 17.60 |      | 80.0  |         |
|           |                                                                   | Z | 0.79   | 60.00  | 6.25  |      | 80.0  |         |
| 10472-AAB | LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)  | X | 0.99   | 60.00  | 7.12  | 3.23 | 80.0  | ± 9.6 % |
|           |                                                                   | Y | 4.11   | 71.92  | 14.04 |      | 80.0  |         |
|           |                                                                   | Z | 0.84   | 60.00  | 5.69  |      | 80.0  |         |
| 10473-AAB | LTE-TDD (SC-FDMA, 1 RB, 15 MHz, QPSK, UL Subframe=2,3,4,7,8,9)    | X | 9.53   | 88.79  | 20.85 | 3.23 | 80.0  | ± 9.6 % |
|           |                                                                   | Y | 100.00 | 120.42 | 30.39 |      | 80.0  |         |
|           |                                                                   | Z | 1.16   | 66.00  | 12.24 |      | 80.0  |         |
| 10474-AAB | LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)  | X | 0.97   | 60.08  | 7.63  | 3.23 | 80.0  | ± 9.6 % |
|           |                                                                   | Y | 8.82   | 81.14  | 17.57 |      | 80.0  |         |
|           |                                                                   | Z | 0.79   | 60.00  | 6.25  |      | 80.0  |         |
| 10475-AAB | LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)  | X | 0.99   | 60.00  | 7.12  | 3.23 | 80.0  | ± 9.6 % |
|           |                                                                   | Y | 4.08   | 71.87  | 14.02 |      | 80.0  |         |
|           |                                                                   | Z | 0.83   | 60.00  | 5.69  |      | 80.0  |         |



|           |                                                                     |   |      |       |       |      |      |         |
|-----------|---------------------------------------------------------------------|---|------|-------|-------|------|------|---------|
| 10477-AAB | LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)    | X | 0.96 | 60.00 | 7.57  | 3.23 | 80.0 | ± 9.6 % |
|           |                                                                     | Y | 8.29 | 80.41 | 17.33 |      | 80.0 |         |
|           |                                                                     | Z | 0.79 | 60.00 | 6.23  |      | 80.0 |         |
| 10478-AAB | LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)    | X | 0.99 | 60.00 | 7.11  | 3.23 | 80.0 | ± 9.6 % |
|           |                                                                     | Y | 4.05 | 71.76 | 13.98 |      | 80.0 |         |
|           |                                                                     | Z | 0.84 | 60.00 | 5.68  |      | 80.0 |         |
| 10479-AAA | LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, QPSK, UL Subframe=2,3,4,7,8,9)   | X | 5.72 | 80.90 | 20.66 | 3.23 | 80.0 | ± 9.6 % |
|           |                                                                     | Y | 6.38 | 81.64 | 22.21 |      | 80.0 |         |
|           |                                                                     | Z | 3.07 | 73.47 | 16.91 |      | 80.0 |         |
| 10480-AAA | LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9) | X | 4.71 | 74.13 | 16.41 | 3.23 | 80.0 | ± 9.6 % |
|           |                                                                     | Y | 7.46 | 79.95 | 20.20 |      | 80.0 |         |
|           |                                                                     | Z | 1.88 | 64.64 | 11.14 |      | 80.0 |         |
| 10481-AAA | LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) | X | 3.75 | 70.81 | 14.78 | 3.23 | 80.0 | ± 9.6 % |
|           |                                                                     | Y | 6.87 | 78.22 | 19.30 |      | 80.0 |         |
|           |                                                                     | Z | 1.55 | 62.44 | 9.73  |      | 80.0 |         |
| 10482-AAA | LTE-TDD (SC-FDMA, 50% RB, 3 MHz, QPSK, UL Subframe=2,3,4,7,8,9)     | X | 2.81 | 70.58 | 15.95 | 2.23 | 80.0 | ± 9.6 % |
|           |                                                                     | Y | 4.59 | 76.49 | 19.43 |      | 80.0 |         |
|           |                                                                     | Z | 1.50 | 63.68 | 11.63 |      | 80.0 |         |
| 10483-AAA | LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)   | X | 3.46 | 69.74 | 14.94 | 2.23 | 80.0 | ± 9.6 % |
|           |                                                                     | Y | 5.71 | 76.12 | 19.04 |      | 80.0 |         |
|           |                                                                     | Z | 1.55 | 61.28 | 9.43  |      | 80.0 |         |
| 10484-AAA | LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)   | X | 3.32 | 69.01 | 14.65 | 2.23 | 80.0 | ± 9.6 % |
|           |                                                                     | Y | 5.53 | 75.40 | 18.77 |      | 80.0 |         |
|           |                                                                     | Z | 1.55 | 61.04 | 9.30  |      | 80.0 |         |
| 10485-AAB | LTE-TDD (SC-FDMA, 50% RB, 5 MHz, QPSK, UL Subframe=2,3,4,7,8,9)     | X | 3.24 | 72.42 | 17.64 | 2.23 | 80.0 | ± 9.6 % |
|           |                                                                     | Y | 4.73 | 76.78 | 20.09 |      | 80.0 |         |
|           |                                                                     | Z | 2.08 | 67.31 | 14.65 |      | 80.0 |         |
| 10486-AAB | LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)   | X | 3.13 | 68.71 | 15.64 | 2.23 | 80.0 | ± 9.6 % |
|           |                                                                     | Y | 4.14 | 71.60 | 17.84 |      | 80.0 |         |
|           |                                                                     | Z | 2.11 | 64.49 | 12.63 |      | 80.0 |         |
| 10487-AAB | LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)   | X | 3.13 | 68.35 | 15.47 | 2.23 | 80.0 | ± 9.6 % |
|           |                                                                     | Y | 4.14 | 71.22 | 17.68 |      | 80.0 |         |
|           |                                                                     | Z | 2.12 | 64.24 | 12.48 |      | 80.0 |         |
| 10488-AAB | LTE-TDD (SC-FDMA, 50% RB, 10 MHz, QPSK, UL Subframe=2,3,4,7,8,9)    | X | 3.57 | 71.98 | 18.17 | 2.23 | 80.0 | ± 9.6 % |
|           |                                                                     | Y | 4.87 | 75.40 | 19.89 |      | 80.0 |         |
|           |                                                                     | Z | 2.62 | 68.51 | 16.36 |      | 80.0 |         |
| 10489-AAB | LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)  | X | 3.48 | 68.75 | 16.89 | 2.23 | 80.0 | ± 9.6 % |
|           |                                                                     | Y | 4.25 | 70.59 | 18.18 |      | 80.0 |         |
|           |                                                                     | Z | 2.83 | 66.67 | 15.43 |      | 80.0 |         |
| 10490-AAB | LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)  | X | 3.58 | 68.60 | 16.85 | 2.23 | 80.0 | ± 9.6 % |
|           |                                                                     | Y | 4.32 | 70.28 | 18.08 |      | 80.0 |         |
|           |                                                                     | Z | 2.91 | 66.61 | 15.42 |      | 80.0 |         |
| 10491-AAB | LTE-TDD (SC-FDMA, 50% RB, 15 MHz, QPSK, UL Subframe=2,3,4,7,8,9)    | X | 3.81 | 70.65 | 17.78 | 2.23 | 80.0 | ± 9.6 % |
|           |                                                                     | Y | 4.85 | 73.23 | 19.10 |      | 80.0 |         |
|           |                                                                     | Z | 3.00 | 68.03 | 16.44 |      | 80.0 |         |
| 10492-AAB | LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)  | X | 3.84 | 68.12 | 16.95 | 2.23 | 80.0 | ± 9.6 % |
|           |                                                                     | Y | 4.53 | 69.65 | 17.97 |      | 80.0 |         |
|           |                                                                     | Z | 3.25 | 66.52 | 15.87 |      | 80.0 |         |

|           |                                                                      |   |      |       |       |      |      |         |
|-----------|----------------------------------------------------------------------|---|------|-------|-------|------|------|---------|
| 10493-AAB | LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)   | X | 3.90 | 68.00 | 16.91 | 2.23 | 80.0 | ± 9.6 % |
|           |                                                                      | Y | 4.60 | 69.46 | 17.91 |      | 80.0 |         |
|           |                                                                      | Z | 3.31 | 66.45 | 15.85 |      | 80.0 |         |
| 10494-AAB | LTE-TDD (SC-FDMA, 50% RB, 20 MHz, QPSK, UL Subframe=2,3,4,7,8,9)     | X | 4.12 | 72.08 | 18.20 | 2.23 | 80.0 | ± 9.6 % |
|           |                                                                      | Y | 5.45 | 75.26 | 19.69 |      | 80.0 |         |
|           |                                                                      | Z | 3.15 | 68.98 | 16.75 |      | 80.0 |         |
| 10495-AAB | LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)   | X | 3.87 | 68.50 | 17.13 | 2.23 | 80.0 | ± 9.6 % |
|           |                                                                      | Y | 4.62 | 70.25 | 18.20 |      | 80.0 |         |
|           |                                                                      | Z | 3.27 | 66.75 | 16.07 |      | 80.0 |         |
| 10496-AAB | LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)   | X | 3.95 | 68.26 | 17.07 | 2.23 | 80.0 | ± 9.6 % |
|           |                                                                      | Y | 4.67 | 69.85 | 18.07 |      | 80.0 |         |
|           |                                                                      | Z | 3.36 | 66.65 | 16.06 |      | 80.0 |         |
| 10497-AAA | LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, QPSK, UL Subframe=2,3,4,7,8,9)   | X | 1.98 | 66.16 | 13.07 | 2.23 | 80.0 | ± 9.6 % |
|           |                                                                      | Y | 3.83 | 74.13 | 17.96 |      | 80.0 |         |
|           |                                                                      | Z | 1.03 | 60.00 | 8.43  |      | 80.0 |         |
| 10498-AAA | LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9) | X | 1.62 | 61.48 | 9.79  | 2.23 | 80.0 | ± 9.6 % |
|           |                                                                      | Y | 3.21 | 68.74 | 14.94 |      | 80.0 |         |
|           |                                                                      | Z | 1.20 | 60.00 | 7.29  |      | 80.0 |         |
| 10499-AAA | LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) | X | 1.58 | 61.02 | 9.41  | 2.23 | 80.0 | ± 9.6 % |
|           |                                                                      | Y | 3.18 | 68.28 | 14.62 |      | 80.0 |         |
|           |                                                                      | Z | 1.21 | 60.00 | 7.14  |      | 80.0 |         |
| 10500-AAA | LTE-TDD (SC-FDMA, 100% RB, 3 MHz, QPSK, UL Subframe=2,3,4,7,8,9)     | X | 3.32 | 71.95 | 17.76 | 2.23 | 80.0 | ± 9.6 % |
|           |                                                                      | Y | 4.62 | 75.59 | 19.80 |      | 80.0 |         |
|           |                                                                      | Z | 2.30 | 67.82 | 15.36 |      | 80.0 |         |
| 10501-AAA | LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)   | X | 3.30 | 68.80 | 16.16 | 2.23 | 80.0 | ± 9.6 % |
|           |                                                                      | Y | 4.17 | 71.05 | 17.91 |      | 80.0 |         |
|           |                                                                      | Z | 2.44 | 65.65 | 13.84 |      | 80.0 |         |
| 10502-AAA | LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)   | X | 3.35 | 68.66 | 16.05 | 2.23 | 80.0 | ± 9.6 % |
|           |                                                                      | Y | 4.22 | 70.83 | 17.78 |      | 80.0 |         |
|           |                                                                      | Z | 2.48 | 65.52 | 13.71 |      | 80.0 |         |
| 10503-AAB | LTE-TDD (SC-FDMA, 100% RB, 5 MHz, QPSK, UL Subframe=2,3,4,7,8,9)     | X | 3.52 | 71.77 | 18.07 | 2.23 | 80.0 | ± 9.6 % |
|           |                                                                      | Y | 4.81 | 75.21 | 19.80 |      | 80.0 |         |
|           |                                                                      | Z | 2.59 | 68.33 | 16.26 |      | 80.0 |         |
| 10504-AAB | LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)   | X | 3.46 | 68.65 | 16.83 | 2.23 | 80.0 | ± 9.6 % |
|           |                                                                      | Y | 4.23 | 70.52 | 18.13 |      | 80.0 |         |
|           |                                                                      | Z | 2.81 | 66.57 | 15.37 |      | 80.0 |         |
| 10505-AAB | LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)   | X | 3.56 | 68.50 | 16.79 | 2.23 | 80.0 | ± 9.6 % |
|           |                                                                      | Y | 4.30 | 70.20 | 18.03 |      | 80.0 |         |
|           |                                                                      | Z | 2.90 | 66.52 | 15.35 |      | 80.0 |         |
| 10506-AAB | LTE-TDD (SC-FDMA, 100% RB, 10 MHz, QPSK, UL Subframe=2,3,4,7,8,9)    | X | 4.08 | 71.92 | 18.13 | 2.23 | 80.0 | ± 9.6 % |
|           |                                                                      | Y | 5.40 | 75.12 | 19.62 |      | 80.0 |         |
|           |                                                                      | Z | 3.13 | 68.85 | 16.68 |      | 80.0 |         |
| 10507-AAB | LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)  | X | 3.85 | 68.44 | 17.09 | 2.23 | 80.0 | ± 9.6 % |
|           |                                                                      | Y | 4.60 | 70.19 | 18.16 |      | 80.0 |         |
|           |                                                                      | Z | 3.25 | 66.69 | 16.03 |      | 80.0 |         |



|           |                                                                     |   |      |       |       |      |       |         |
|-----------|---------------------------------------------------------------------|---|------|-------|-------|------|-------|---------|
| 10508-AAB | LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) | X | 3.94 | 68.18 | 17.03 | 2.23 | 80.0  | ± 9.6 % |
|           |                                                                     | Y | 4.65 | 69.79 | 18.03 |      | 80.0  |         |
|           |                                                                     | Z | 3.35 | 66.57 | 16.01 |      | 80.0  |         |
| 10509-AAB | LTE-TDD (SC-FDMA, 100% RB, 15 MHz, QPSK, UL Subframe=2,3,4,7,8,9)   | X | 4.42 | 70.82 | 17.71 | 2.23 | 80.0  | ± 9.6 % |
|           |                                                                     | Y | 5.48 | 73.19 | 18.87 |      | 80.0  |         |
|           |                                                                     | Z | 3.60 | 68.49 | 16.61 |      | 80.0  |         |
| 10510-AAB | LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9) | X | 4.34 | 68.24 | 17.12 | 2.23 | 80.0  | ± 9.6 % |
|           |                                                                     | Y | 5.07 | 69.82 | 18.04 |      | 80.0  |         |
|           |                                                                     | Z | 3.76 | 66.71 | 16.25 |      | 80.0  |         |
| 10511-AAB | LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) | X | 4.40 | 68.00 | 17.07 | 2.23 | 80.0  | ± 9.6 % |
|           |                                                                     | Y | 5.09 | 69.46 | 17.94 |      | 80.0  |         |
|           |                                                                     | Z | 3.84 | 66.60 | 16.24 |      | 80.0  |         |
| 10512-AAB | LTE-TDD (SC-FDMA, 100% RB, 20 MHz, QPSK, UL Subframe=2,3,4,7,8,9)   | X | 4.61 | 72.26 | 18.14 | 2.23 | 80.0  | ± 9.6 % |
|           |                                                                     | Y | 5.98 | 75.34 | 19.54 |      | 80.0  |         |
|           |                                                                     | Z | 3.61 | 69.31 | 16.82 |      | 80.0  |         |
| 10513-AAB | LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9) | X | 4.23 | 68.49 | 17.21 | 2.23 | 80.0  | ± 9.6 % |
|           |                                                                     | Y | 5.00 | 70.32 | 18.23 |      | 80.0  |         |
|           |                                                                     | Z | 3.64 | 66.78 | 16.28 |      | 80.0  |         |
| 10514-AAB | LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) | X | 4.25 | 68.10 | 17.11 | 2.23 | 80.0  | ± 9.6 % |
|           |                                                                     | Y | 4.96 | 69.73 | 18.05 |      | 80.0  |         |
|           |                                                                     | Z | 3.70 | 66.55 | 16.23 |      | 80.0  |         |
| 10515-AAA | IEEE 802.11b WiFi 2.4 GHz (DSSS, 2 Mbps, 99pc duty cycle)           | X | 1.04 | 65.10 | 16.41 | 0.00 | 150.0 | ± 9.6 % |
|           |                                                                     | Y | 1.01 | 63.67 | 15.37 |      | 150.0 |         |
|           |                                                                     | Z | 1.01 | 64.56 | 15.72 |      | 150.0 |         |
| 10516-AAA | IEEE 802.11b WiFi 2.4 GHz (DSSS, 5.5 Mbps, 99pc duty cycle)         | X | 1.58 | 90.50 | 26.94 | 0.00 | 150.0 | ± 9.6 % |
|           |                                                                     | Y | 0.83 | 76.19 | 20.53 |      | 150.0 |         |
|           |                                                                     | Z | 0.88 | 78.89 | 21.93 |      | 150.0 |         |
| 10517-AAA | IEEE 802.11b WiFi 2.4 GHz (DSSS, 11 Mbps, 99pc duty cycle)          | X | 0.97 | 68.95 | 18.16 | 0.00 | 150.0 | ± 9.6 % |
|           |                                                                     | Y | 0.89 | 66.36 | 16.44 |      | 150.0 |         |
|           |                                                                     | Z | 0.88 | 67.37 | 16.94 |      | 150.0 |         |
| 10518-AAA | IEEE 802.11a/h WiFi 5 GHz (OFDM, 9 Mbps, 99pc duty cycle)           | X | 4.60 | 67.19 | 16.57 | 0.00 | 150.0 | ± 9.6 % |
|           |                                                                     | Y | 4.74 | 66.73 | 16.38 |      | 150.0 |         |
|           |                                                                     | Z | 4.39 | 67.25 | 16.41 |      | 150.0 |         |
| 10519-AAA | IEEE 802.11a/h WiFi 5 GHz (OFDM, 12 Mbps, 99pc duty cycle)          | X | 4.78 | 67.41 | 16.68 | 0.00 | 150.0 | ± 9.6 % |
|           |                                                                     | Y | 4.97 | 67.04 | 16.52 |      | 150.0 |         |
|           |                                                                     | Z | 4.54 | 67.40 | 16.49 |      | 150.0 |         |
| 10520-AAA | IEEE 802.11a/h WiFi 5 GHz (OFDM, 18 Mbps, 99pc duty cycle)          | X | 4.64 | 67.40 | 16.62 | 0.00 | 150.0 | ± 9.6 % |
|           |                                                                     | Y | 4.82 | 67.04 | 16.46 |      | 150.0 |         |
|           |                                                                     | Z | 4.40 | 67.36 | 16.42 |      | 150.0 |         |
| 10521-AAA | IEEE 802.11a/h WiFi 5 GHz (OFDM, 24 Mbps, 99pc duty cycle)          | X | 4.57 | 67.41 | 16.62 | 0.00 | 150.0 | ± 9.6 % |
|           |                                                                     | Y | 4.75 | 67.05 | 16.45 |      | 150.0 |         |
|           |                                                                     | Z | 4.33 | 67.34 | 16.41 |      | 150.0 |         |
| 10522-AAA | IEEE 802.11a/h WiFi 5 GHz (OFDM, 36 Mbps, 99pc duty cycle)          | X | 4.63 | 67.49 | 16.70 | 0.00 | 150.0 | ± 9.6 % |
|           |                                                                     | Y | 4.79 | 66.96 | 16.45 |      | 150.0 |         |
|           |                                                                     | Z | 4.38 | 67.45 | 16.50 |      | 150.0 |         |



|           |                                                            |   |      |       |       |      |       |         |
|-----------|------------------------------------------------------------|---|------|-------|-------|------|-------|---------|
| 10523-AAA | IEEE 802.11a/h WiFi 5 GHz (OFDM, 48 Mbps, 99pc duty cycle) | X | 4.52 | 67.39 | 16.57 | 0.00 | 150.0 | ± 9.6 % |
|           |                                                            | Y | 4.66 | 66.90 | 16.33 |      | 150.0 |         |
|           |                                                            | Z | 4.32 | 67.48 | 16.44 |      | 150.0 |         |
| 10524-AAA | IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps, 99pc duty cycle) | X | 4.58 | 67.41 | 16.67 | 0.00 | 150.0 | ± 9.6 % |
|           |                                                            | Y | 4.74 | 66.95 | 16.45 |      | 150.0 |         |
|           |                                                            | Z | 4.34 | 67.42 | 16.49 |      | 150.0 |         |
| 10525-AAA | IEEE 802.11ac WiFi (20MHz, MCS0, 99pc duty cycle)          | X | 4.57 | 66.49 | 16.27 | 0.00 | 150.0 | ± 9.6 % |
|           |                                                            | Y | 4.69 | 65.98 | 16.04 |      | 150.0 |         |
|           |                                                            | Z | 4.37 | 66.55 | 16.13 |      | 150.0 |         |
| 10526-AAA | IEEE 802.11ac WiFi (20MHz, MCS1, 99pc duty cycle)          | X | 4.74 | 66.86 | 16.41 | 0.00 | 150.0 | ± 9.6 % |
|           |                                                            | Y | 4.90 | 66.39 | 16.18 |      | 150.0 |         |
|           |                                                            | Z | 4.50 | 66.83 | 16.24 |      | 150.0 |         |
| 10527-AAA | IEEE 802.11ac WiFi (20MHz, MCS2, 99pc duty cycle)          | X | 4.67 | 66.84 | 16.37 | 0.00 | 150.0 | ± 9.6 % |
|           |                                                            | Y | 4.82 | 66.38 | 16.15 |      | 150.0 |         |
|           |                                                            | Z | 4.43 | 66.81 | 16.19 |      | 150.0 |         |
| 10528-AAA | IEEE 802.11ac WiFi (20MHz, MCS3, 99pc duty cycle)          | X | 4.68 | 66.85 | 16.40 | 0.00 | 150.0 | ± 9.6 % |
|           |                                                            | Y | 4.84 | 66.40 | 16.18 |      | 150.0 |         |
|           |                                                            | Z | 4.45 | 66.83 | 16.22 |      | 150.0 |         |
| 10529-AAA | IEEE 802.11ac WiFi (20MHz, MCS4, 99pc duty cycle)          | X | 4.68 | 66.85 | 16.40 | 0.00 | 150.0 | ± 9.6 % |
|           |                                                            | Y | 4.84 | 66.40 | 16.18 |      | 150.0 |         |
|           |                                                            | Z | 4.45 | 66.83 | 16.22 |      | 150.0 |         |
| 10531-AAA | IEEE 802.11ac WiFi (20MHz, MCS6, 99pc duty cycle)          | X | 4.68 | 66.97 | 16.42 | 0.00 | 150.0 | ± 9.6 % |
|           |                                                            | Y | 4.86 | 66.57 | 16.21 |      | 150.0 |         |
|           |                                                            | Z | 4.41 | 66.85 | 16.20 |      | 150.0 |         |
| 10532-AAA | IEEE 802.11ac WiFi (20MHz, MCS7, 99pc duty cycle)          | X | 4.54 | 66.84 | 16.37 | 0.00 | 150.0 | ± 9.6 % |
|           |                                                            | Y | 4.71 | 66.45 | 16.17 |      | 150.0 |         |
|           |                                                            | Z | 4.30 | 66.73 | 16.15 |      | 150.0 |         |
| 10533-AAA | IEEE 802.11ac WiFi (20MHz, MCS8, 99pc duty cycle)          | X | 4.69 | 66.90 | 16.39 | 0.00 | 150.0 | ± 9.6 % |
|           |                                                            | Y | 4.85 | 66.42 | 16.15 |      | 150.0 |         |
|           |                                                            | Z | 4.45 | 66.91 | 16.23 |      | 150.0 |         |
| 10534-AAA | IEEE 802.11ac WiFi (40MHz, MCS0, 99pc duty cycle)          | X | 5.20 | 66.85 | 16.38 | 0.00 | 150.0 | ± 9.6 % |
|           |                                                            | Y | 5.34 | 66.57 | 16.22 |      | 150.0 |         |
|           |                                                            | Z | 4.99 | 66.73 | 16.22 |      | 150.0 |         |
| 10535-AAA | IEEE 802.11ac WiFi (40MHz, MCS1, 99pc duty cycle)          | X | 5.27 | 67.02 | 16.46 | 0.00 | 150.0 | ± 9.6 % |
|           |                                                            | Y | 5.42 | 66.71 | 16.27 |      | 150.0 |         |
|           |                                                            | Z | 5.03 | 66.85 | 16.28 |      | 150.0 |         |
| 10536-AAA | IEEE 802.11ac WiFi (40MHz, MCS2, 99pc duty cycle)          | X | 5.14 | 67.00 | 16.43 | 0.00 | 150.0 | ± 9.6 % |
|           |                                                            | Y | 5.28 | 66.70 | 16.26 |      | 150.0 |         |
|           |                                                            | Z | 4.93 | 66.87 | 16.27 |      | 150.0 |         |
| 10537-AAA | IEEE 802.11ac WiFi (40MHz, MCS3, 99pc duty cycle)          | X | 5.20 | 66.95 | 16.41 | 0.00 | 150.0 | ± 9.6 % |
|           |                                                            | Y | 5.35 | 66.67 | 16.24 |      | 150.0 |         |
|           |                                                            | Z | 4.98 | 66.85 | 16.26 |      | 150.0 |         |
| 10538-AAA | IEEE 802.11ac WiFi (40MHz, MCS4, 99pc duty cycle)          | X | 5.28 | 66.95 | 16.45 | 0.00 | 150.0 | ± 9.6 % |
|           |                                                            | Y | 5.47 | 66.75 | 16.32 |      | 150.0 |         |
|           |                                                            | Z | 5.05 | 66.80 | 16.27 |      | 150.0 |         |
| 10540-AAA | IEEE 802.11ac WiFi (40MHz, MCS6, 99pc duty cycle)          | X | 5.22 | 66.98 | 16.48 | 0.00 | 150.0 | ± 9.6 % |
|           |                                                            | Y | 5.36 | 66.68 | 16.30 |      | 150.0 |         |
|           |                                                            | Z | 4.98 | 66.77 | 16.28 |      | 150.0 |         |

|           |                                                     |   |      |       |       |      |       |         |
|-----------|-----------------------------------------------------|---|------|-------|-------|------|-------|---------|
| 10541-AAA | IEEE 802.11ac WiFi (40MHz, MCS7, 99pc duty cycle)   | X | 5.19 | 66.85 | 16.40 | 0.00 | 150.0 | ± 9.6 % |
|           |                                                     | Y | 5.35 | 66.64 | 16.28 |      | 150.0 |         |
|           |                                                     | Z | 4.97 | 66.70 | 16.22 |      | 150.0 |         |
| 10542-AAA | IEEE 802.11ac WiFi (40MHz, MCS8, 99pc duty cycle)   | X | 5.34 | 66.89 | 16.44 | 0.00 | 150.0 | ± 9.6 % |
|           |                                                     | Y | 5.49 | 66.63 | 16.29 |      | 150.0 |         |
|           |                                                     | Z | 5.12 | 66.77 | 16.27 |      | 150.0 |         |
| 10543-AAA | IEEE 802.11ac WiFi (40MHz, MCS9, 99pc duty cycle)   | X | 5.41 | 66.91 | 16.46 | 0.00 | 150.0 | ± 9.6 % |
|           |                                                     | Y | 5.59 | 66.66 | 16.31 |      | 150.0 |         |
|           |                                                     | Z | 5.18 | 66.82 | 16.32 |      | 150.0 |         |
| 10544-AAA | IEEE 802.11ac WiFi (80MHz, MCS0, 99pc duty cycle)   | X | 5.51 | 66.93 | 16.35 | 0.00 | 150.0 | ± 9.6 % |
|           |                                                     | Y | 5.61 | 66.67 | 16.20 |      | 150.0 |         |
|           |                                                     | Z | 5.33 | 66.77 | 16.19 |      | 150.0 |         |
| 10545-AAA | IEEE 802.11ac WiFi (80MHz, MCS1, 99pc duty cycle)   | X | 5.69 | 67.32 | 16.49 | 0.00 | 150.0 | ± 9.6 % |
|           |                                                     | Y | 5.82 | 67.05 | 16.32 |      | 150.0 |         |
|           |                                                     | Z | 5.49 | 67.16 | 16.33 |      | 150.0 |         |
| 10546-AAA | IEEE 802.11ac WiFi (80MHz, MCS2, 99pc duty cycle)   | X | 5.57 | 67.14 | 16.42 | 0.00 | 150.0 | ± 9.6 % |
|           |                                                     | Y | 5.72 | 66.98 | 16.31 |      | 150.0 |         |
|           |                                                     | Z | 5.36 | 66.90 | 16.22 |      | 150.0 |         |
| 10547-AAA | IEEE 802.11ac WiFi (80MHz, MCS3, 99pc duty cycle)   | X | 5.64 | 67.17 | 16.42 | 0.00 | 150.0 | ± 9.6 % |
|           |                                                     | Y | 5.81 | 67.05 | 16.33 |      | 150.0 |         |
|           |                                                     | Z | 5.43 | 66.98 | 16.25 |      | 150.0 |         |
| 10548-AAA | IEEE 802.11ac WiFi (80MHz, MCS4, 99pc duty cycle)   | X | 5.87 | 68.03 | 16.82 | 0.00 | 150.0 | ± 9.6 % |
|           |                                                     | Y | 6.10 | 68.05 | 16.81 |      | 150.0 |         |
|           |                                                     | Z | 5.56 | 67.56 | 16.52 |      | 150.0 |         |
| 10550-AAA | IEEE 802.11ac WiFi (80MHz, MCS6, 99pc duty cycle)   | X | 5.60 | 67.15 | 16.43 | 0.00 | 150.0 | ± 9.6 % |
|           |                                                     | Y | 5.74 | 66.91 | 16.28 |      | 150.0 |         |
|           |                                                     | Z | 5.41 | 67.04 | 16.30 |      | 150.0 |         |
| 10551-AAA | IEEE 802.11ac WiFi (80MHz, MCS7, 99pc duty cycle)   | X | 5.61 | 67.20 | 16.42 | 0.00 | 150.0 | ± 9.6 % |
|           |                                                     | Y | 5.76 | 67.03 | 16.30 |      | 150.0 |         |
|           |                                                     | Z | 5.35 | 66.87 | 16.18 |      | 150.0 |         |
| 10552-AAA | IEEE 802.11ac WiFi (80MHz, MCS8, 99pc duty cycle)   | X | 5.52 | 67.01 | 16.34 | 0.00 | 150.0 | ± 9.6 % |
|           |                                                     | Y | 5.65 | 66.79 | 16.20 |      | 150.0 |         |
|           |                                                     | Z | 5.34 | 66.91 | 16.20 |      | 150.0 |         |
| 10553-AAA | IEEE 802.11ac WiFi (80MHz, MCS9, 99pc duty cycle)   | X | 5.60 | 67.03 | 16.37 | 0.00 | 150.0 | ± 9.6 % |
|           |                                                     | Y | 5.75 | 66.82 | 16.24 |      | 150.0 |         |
|           |                                                     | Z | 5.39 | 66.84 | 16.20 |      | 150.0 |         |
| 10554-AAA | IEEE 1602.11ac WiFi (160MHz, MCS0, 99pc duty cycle) | X | 5.91 | 67.26 | 16.41 | 0.00 | 150.0 | ± 9.6 % |
|           |                                                     | Y | 6.01 | 67.05 | 16.29 |      | 150.0 |         |
|           |                                                     | Z | 5.74 | 67.07 | 16.24 |      | 150.0 |         |
| 10555-AAA | IEEE 1602.11ac WiFi (160MHz, MCS1, 99pc duty cycle) | X | 6.03 | 67.55 | 16.53 | 0.00 | 150.0 | ± 9.6 % |
|           |                                                     | Y | 6.17 | 67.43 | 16.45 |      | 150.0 |         |
|           |                                                     | Z | 5.83 | 67.29 | 16.33 |      | 150.0 |         |
| 10556-AAA | IEEE 1602.11ac WiFi (160MHz, MCS2, 99pc duty cycle) | X | 6.06 | 67.60 | 16.55 | 0.00 | 150.0 | ± 9.6 % |
|           |                                                     | Y | 6.17 | 67.40 | 16.43 |      | 150.0 |         |
|           |                                                     | Z | 5.87 | 67.38 | 16.37 |      | 150.0 |         |
| 10557-AAA | IEEE 1602.11ac WiFi (160MHz, MCS3, 99pc duty cycle) | X | 6.02 | 67.51 | 16.52 | 0.00 | 150.0 | ± 9.6 % |
|           |                                                     | Y | 6.17 | 67.39 | 16.45 |      | 150.0 |         |
|           |                                                     | Z | 5.83 | 67.28 | 16.34 |      | 150.0 |         |



|           |                                                                 |   |       |        |       |      |       |         |
|-----------|-----------------------------------------------------------------|---|-------|--------|-------|------|-------|---------|
| 10558-AAA | IEEE 1602.11ac WiFi (160MHz, MCS4, 99pc duty cycle)             | X | 6.07  | 67.67  | 16.62 | 0.00 | 150.0 | ± 9.6 % |
|           |                                                                 | Y | 6.23  | 67.58  | 16.56 |      | 150.0 |         |
|           |                                                                 | Z | 5.84  | 67.35  | 16.39 |      | 150.0 |         |
| 10560-AAA | IEEE 1602.11ac WiFi (160MHz, MCS6, 99pc duty cycle)             | X | 6.07  | 67.52  | 16.58 | 0.00 | 150.0 | ± 9.6 % |
|           |                                                                 | Y | 6.23  | 67.43  | 16.52 |      | 150.0 |         |
|           |                                                                 | Z | 5.86  | 67.26  | 16.38 |      | 150.0 |         |
| 10561-AAA | IEEE 1602.11ac WiFi (160MHz, MCS7, 99pc duty cycle)             | X | 5.99  | 67.48  | 16.60 | 0.00 | 150.0 | ± 9.6 % |
|           |                                                                 | Y | 6.13  | 67.36  | 16.53 |      | 150.0 |         |
|           |                                                                 | Z | 5.79  | 67.24  | 16.40 |      | 150.0 |         |
| 10562-AAA | IEEE 1602.11ac WiFi (160MHz, MCS8, 99pc duty cycle)             | X | 6.11  | 67.85  | 16.78 | 0.00 | 150.0 | ± 9.6 % |
|           |                                                                 | Y | 6.29  | 67.86  | 16.78 |      | 150.0 |         |
|           |                                                                 | Z | 5.84  | 67.42  | 16.49 |      | 150.0 |         |
| 10563-AAA | IEEE 1602.11ac WiFi (160MHz, MCS9, 99pc duty cycle)             | X | 6.31  | 68.06  | 16.84 | 0.00 | 150.0 | ± 9.6 % |
|           |                                                                 | Y | 6.55  | 68.16  | 16.87 |      | 150.0 |         |
|           |                                                                 | Z | 5.94  | 67.36  | 16.43 |      | 150.0 |         |
| 10564-AAA | IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 9 Mbps, 99pc duty cycle)  | X | 4.90  | 67.15  | 16.63 | 0.46 | 150.0 | ± 9.6 % |
|           |                                                                 | Y | 5.07  | 66.84  | 16.54 |      | 150.0 |         |
|           |                                                                 | Z | 4.69  | 67.14  | 16.45 |      | 150.0 |         |
| 10565-AAA | IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 12 Mbps, 99pc duty cycle) | X | 5.14  | 67.62  | 16.97 | 0.46 | 150.0 | ± 9.6 % |
|           |                                                                 | Y | 5.35  | 67.34  | 16.87 |      | 150.0 |         |
|           |                                                                 | Z | 4.89  | 67.59  | 16.79 |      | 150.0 |         |
| 10566-AAA | IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 18 Mbps, 99pc duty cycle) | X | 4.97  | 67.47  | 16.79 | 0.46 | 150.0 | ± 9.6 % |
|           |                                                                 | Y | 5.17  | 67.22  | 16.71 |      | 150.0 |         |
|           |                                                                 | Z | 4.73  | 67.40  | 16.58 |      | 150.0 |         |
| 10567-AAA | IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 24 Mbps, 99pc duty cycle) | X | 5.02  | 67.94  | 17.20 | 0.46 | 150.0 | ± 9.6 % |
|           |                                                                 | Y | 5.20  | 67.59  | 17.03 |      | 150.0 |         |
|           |                                                                 | Z | 4.78  | 67.90  | 17.03 |      | 150.0 |         |
| 10568-AAA | IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 36 Mbps, 99pc duty cycle) | X | 4.87  | 67.16  | 16.50 | 0.46 | 150.0 | ± 9.6 % |
|           |                                                                 | Y | 5.07  | 66.90  | 16.44 |      | 150.0 |         |
|           |                                                                 | Z | 4.60  | 67.02  | 16.25 |      | 150.0 |         |
| 10569-AAA | IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 48 Mbps, 99pc duty cycle) | X | 4.98  | 68.05  | 17.27 | 0.46 | 150.0 | ± 9.6 % |
|           |                                                                 | Y | 5.12  | 67.57  | 17.03 |      | 150.0 |         |
|           |                                                                 | Z | 4.77  | 68.16  | 17.18 |      | 150.0 |         |
| 10570-AAA | IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 54 Mbps, 99pc duty cycle) | X | 5.01  | 67.87  | 17.19 | 0.46 | 150.0 | ± 9.6 % |
|           |                                                                 | Y | 5.18  | 67.41  | 16.97 |      | 150.0 |         |
|           |                                                                 | Z | 4.77  | 67.89  | 17.05 |      | 150.0 |         |
| 10571-AAA | IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps, 90pc duty cycle)       | X | 1.23  | 65.76  | 16.59 | 0.46 | 130.0 | ± 9.6 % |
|           |                                                                 | Y | 1.28  | 65.55  | 16.42 |      | 130.0 |         |
|           |                                                                 | Z | 1.13  | 64.60  | 15.61 |      | 130.0 |         |
| 10572-AAA | IEEE 802.11b WiFi 2.4 GHz (DSSS, 2 Mbps, 90pc duty cycle)       | X | 1.25  | 66.52  | 17.05 | 0.46 | 130.0 | ± 9.6 % |
|           |                                                                 | Y | 1.30  | 66.21  | 16.81 |      | 130.0 |         |
|           |                                                                 | Z | 1.15  | 65.23  | 16.01 |      | 130.0 |         |
| 10573-AAA | IEEE 802.11b WiFi 2.4 GHz (DSSS, 5.5 Mbps, 90pc duty cycle)     | X | 11.97 | 117.51 | 33.40 | 0.46 | 130.0 | ± 9.6 % |
|           |                                                                 | Y | 7.69  | 106.38 | 29.82 |      | 130.0 |         |
|           |                                                                 | Z | 1.82  | 85.72  | 23.69 |      | 130.0 |         |
| 10574-AAA | IEEE 802.11b WiFi 2.4 GHz (DSSS, 11 Mbps, 90pc duty cycle)      | X | 1.60  | 75.55  | 21.48 | 0.46 | 130.0 | ± 9.6 % |
|           |                                                                 | Y | 1.57  | 73.47  | 20.29 |      | 130.0 |         |
|           |                                                                 | Z | 1.30  | 71.94  | 19.55 |      | 130.0 |         |

|           |                                                                 |   |      |       |       |      |       |         |
|-----------|-----------------------------------------------------------------|---|------|-------|-------|------|-------|---------|
| 10575-AAA | IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps, 90pc duty cycle)  | X | 4.66 | 66.83 | 16.58 | 0.46 | 130.0 | ± 9.6 % |
|           |                                                                 | Y | 4.85 | 66.60 | 16.58 |      | 130.0 |         |
|           |                                                                 | Z | 4.44 | 66.79 | 16.35 |      | 130.0 |         |
| 10576-AAA | IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 9 Mbps, 90pc duty cycle)  | X | 4.70 | 67.02 | 16.67 | 0.46 | 130.0 | ± 9.6 % |
|           |                                                                 | Y | 4.88 | 66.76 | 16.64 |      | 130.0 |         |
|           |                                                                 | Z | 4.48 | 67.02 | 16.46 |      | 130.0 |         |
| 10577-AAA | IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 12 Mbps, 90pc duty cycle) | X | 4.90 | 67.31 | 16.83 | 0.46 | 130.0 | ± 9.6 % |
|           |                                                                 | Y | 5.13 | 67.12 | 16.83 |      | 130.0 |         |
|           |                                                                 | Z | 4.64 | 67.26 | 16.60 |      | 130.0 |         |
| 10578-AAA | IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 18 Mbps, 90pc duty cycle) | X | 4.81 | 67.53 | 16.97 | 0.46 | 130.0 | ± 9.6 % |
|           |                                                                 | Y | 5.02 | 67.28 | 16.92 |      | 130.0 |         |
|           |                                                                 | Z | 4.56 | 67.46 | 16.75 |      | 130.0 |         |
| 10579-AAA | IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 24 Mbps, 90pc duty cycle) | X | 4.55 | 66.68 | 16.19 | 0.46 | 130.0 | ± 9.6 % |
|           |                                                                 | Y | 4.80 | 66.68 | 16.31 |      | 130.0 |         |
|           |                                                                 | Z | 4.28 | 66.48 | 15.88 |      | 130.0 |         |
| 10580-AAA | IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 36 Mbps, 90pc duty cycle) | X | 4.59 | 66.70 | 16.20 | 0.46 | 130.0 | ± 9.6 % |
|           |                                                                 | Y | 4.84 | 66.63 | 16.30 |      | 130.0 |         |
|           |                                                                 | Z | 4.31 | 66.51 | 15.88 |      | 130.0 |         |
| 10581-AAA | IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 48 Mbps, 90pc duty cycle) | X | 4.70 | 67.58 | 16.92 | 0.46 | 130.0 | ± 9.6 % |
|           |                                                                 | Y | 4.92 | 67.37 | 16.88 |      | 130.0 |         |
|           |                                                                 | Z | 4.47 | 67.55 | 16.72 |      | 130.0 |         |
| 10582-AAA | IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 54 Mbps, 90pc duty cycle) | X | 4.48 | 66.40 | 15.95 | 0.46 | 130.0 | ± 9.6 % |
|           |                                                                 | Y | 4.76 | 66.45 | 16.12 |      | 130.0 |         |
|           |                                                                 | Z | 4.20 | 66.19 | 15.62 |      | 130.0 |         |
| 10583-AAA | IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps, 90pc duty cycle)       | X | 4.66 | 66.83 | 16.58 | 0.46 | 130.0 | ± 9.6 % |
|           |                                                                 | Y | 4.85 | 66.60 | 16.58 |      | 130.0 |         |
|           |                                                                 | Z | 4.44 | 66.79 | 16.35 |      | 130.0 |         |
| 10584-AAA | IEEE 802.11a/h WiFi 5 GHz (OFDM, 9 Mbps, 90pc duty cycle)       | X | 4.70 | 67.02 | 16.67 | 0.46 | 130.0 | ± 9.6 % |
|           |                                                                 | Y | 4.88 | 66.76 | 16.64 |      | 130.0 |         |
|           |                                                                 | Z | 4.48 | 67.02 | 16.46 |      | 130.0 |         |
| 10585-AAA | IEEE 802.11a/h WiFi 5 GHz (OFDM, 12 Mbps, 90pc duty cycle)      | X | 4.90 | 67.31 | 16.83 | 0.46 | 130.0 | ± 9.6 % |
|           |                                                                 | Y | 5.13 | 67.12 | 16.83 |      | 130.0 |         |
|           |                                                                 | Z | 4.64 | 67.26 | 16.60 |      | 130.0 |         |
| 10586-AAA | IEEE 802.11a/h WiFi 5 GHz (OFDM, 18 Mbps, 90pc duty cycle)      | X | 4.81 | 67.53 | 16.97 | 0.46 | 130.0 | ± 9.6 % |
|           |                                                                 | Y | 5.02 | 67.28 | 16.92 |      | 130.0 |         |
|           |                                                                 | Z | 4.56 | 67.46 | 16.75 |      | 130.0 |         |
| 10587-AAA | IEEE 802.11a/h WiFi 5 GHz (OFDM, 24 Mbps, 90pc duty cycle)      | X | 4.55 | 66.68 | 16.19 | 0.46 | 130.0 | ± 9.6 % |
|           |                                                                 | Y | 4.80 | 66.68 | 16.31 |      | 130.0 |         |
|           |                                                                 | Z | 4.28 | 66.48 | 15.88 |      | 130.0 |         |
| 10588-AAA | IEEE 802.11a/h WiFi 5 GHz (OFDM, 36 Mbps, 90pc duty cycle)      | X | 4.59 | 66.70 | 16.20 | 0.46 | 130.0 | ± 9.6 % |
|           |                                                                 | Y | 4.84 | 66.63 | 16.30 |      | 130.0 |         |
|           |                                                                 | Z | 4.31 | 66.51 | 15.88 |      | 130.0 |         |
| 10589-AAA | IEEE 802.11a/h WiFi 5 GHz (OFDM, 48 Mbps, 90pc duty cycle)      | X | 4.70 | 67.58 | 16.92 | 0.46 | 130.0 | ± 9.6 % |
|           |                                                                 | Y | 4.92 | 67.37 | 16.88 |      | 130.0 |         |
|           |                                                                 | Z | 4.47 | 67.55 | 16.72 |      | 130.0 |         |
| 10590-AAA | IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps, 90pc duty cycle)      | X | 4.48 | 66.40 | 15.95 | 0.46 | 130.0 | ± 9.6 % |
|           |                                                                 | Y | 4.76 | 66.45 | 16.12 |      | 130.0 |         |
|           |                                                                 | Z | 4.20 | 66.19 | 15.62 |      | 130.0 |         |



|           |                                                       |   |      |       |       |      |       |         |
|-----------|-------------------------------------------------------|---|------|-------|-------|------|-------|---------|
| 10591-AAA | IEEE 802.11n (HT Mixed, 20MHz, MCS0, 90pc duty cycle) | X | 4.82 | 66.89 | 16.68 | 0.46 | 130.0 | ± 9.6 % |
|           |                                                       | Y | 5.00 | 66.66 | 16.67 |      | 130.0 |         |
|           |                                                       | Z | 4.60 | 66.90 | 16.49 |      | 130.0 |         |
| 10592-AAA | IEEE 802.11n (HT Mixed, 20MHz, MCS1, 90pc duty cycle) | X | 4.97 | 67.24 | 16.82 | 0.46 | 130.0 | ± 9.6 % |
|           |                                                       | Y | 5.19 | 67.02 | 16.79 |      | 130.0 |         |
|           |                                                       | Z | 4.72 | 67.19 | 16.61 |      | 130.0 |         |
| 10593-AAA | IEEE 802.11n (HT Mixed, 20MHz, MCS2, 90pc duty cycle) | X | 4.89 | 67.13 | 16.69 | 0.46 | 130.0 | ± 9.6 % |
|           |                                                       | Y | 5.12 | 66.99 | 16.71 |      | 130.0 |         |
|           |                                                       | Z | 4.64 | 67.04 | 16.45 |      | 130.0 |         |
| 10594-AAA | IEEE 802.11n (HT Mixed, 20MHz, MCS3, 90pc duty cycle) | X | 4.95 | 67.32 | 16.86 | 0.46 | 130.0 | ± 9.6 % |
|           |                                                       | Y | 5.17 | 67.12 | 16.84 |      | 130.0 |         |
|           |                                                       | Z | 4.70 | 67.25 | 16.64 |      | 130.0 |         |
| 10595-AAA | IEEE 802.11n (HT Mixed, 20MHz, MCS4, 90pc duty cycle) | X | 4.91 | 67.26 | 16.74 | 0.46 | 130.0 | ± 9.6 % |
|           |                                                       | Y | 5.15 | 67.11 | 16.75 |      | 130.0 |         |
|           |                                                       | Z | 4.66 | 67.21 | 16.53 |      | 130.0 |         |
| 10596-AAA | IEEE 802.11n (HT Mixed, 20MHz, MCS5, 90pc duty cycle) | X | 4.85 | 67.25 | 16.74 | 0.46 | 130.0 | ± 9.6 % |
|           |                                                       | Y | 5.08 | 67.09 | 16.75 |      | 130.0 |         |
|           |                                                       | Z | 4.59 | 67.16 | 16.51 |      | 130.0 |         |
| 10597-AAA | IEEE 802.11n (HT Mixed, 20MHz, MCS6, 90pc duty cycle) | X | 4.80 | 67.15 | 16.62 | 0.46 | 130.0 | ± 9.6 % |
|           |                                                       | Y | 5.04 | 67.05 | 16.67 |      | 130.0 |         |
|           |                                                       | Z | 4.54 | 67.01 | 16.35 |      | 130.0 |         |
| 10598-AAA | IEEE 802.11n (HT Mixed, 20MHz, MCS7, 90pc duty cycle) | X | 4.79 | 67.45 | 16.93 | 0.46 | 130.0 | ± 9.6 % |
|           |                                                       | Y | 5.02 | 67.30 | 16.93 |      | 130.0 |         |
|           |                                                       | Z | 4.54 | 67.32 | 16.68 |      | 130.0 |         |
| 10599-AAA | IEEE 802.11n (HT Mixed, 40MHz, MCS0, 90pc duty cycle) | X | 5.48 | 67.39 | 16.85 | 0.46 | 130.0 | ± 9.6 % |
|           |                                                       | Y | 5.67 | 67.29 | 16.86 |      | 130.0 |         |
|           |                                                       | Z | 5.27 | 67.28 | 16.68 |      | 130.0 |         |
| 10600-AAA | IEEE 802.11n (HT Mixed, 40MHz, MCS1, 90pc duty cycle) | X | 5.59 | 67.73 | 16.99 | 0.46 | 130.0 | ± 9.6 % |
|           |                                                       | Y | 5.91 | 67.98 | 17.17 |      | 130.0 |         |
|           |                                                       | Z | 5.34 | 67.54 | 16.78 |      | 130.0 |         |
| 10601-AAA | IEEE 802.11n (HT Mixed, 40MHz, MCS2, 90pc duty cycle) | X | 5.49 | 67.53 | 16.91 | 0.46 | 130.0 | ± 9.6 % |
|           |                                                       | Y | 5.74 | 67.56 | 16.97 |      | 130.0 |         |
|           |                                                       | Z | 5.26 | 67.40 | 16.73 |      | 130.0 |         |
| 10602-AAA | IEEE 802.11n (HT Mixed, 40MHz, MCS3, 90pc duty cycle) | X | 5.58 | 67.53 | 16.82 | 0.46 | 130.0 | ± 9.6 % |
|           |                                                       | Y | 5.84 | 67.61 | 16.92 |      | 130.0 |         |
|           |                                                       | Z | 5.34 | 67.37 | 16.62 |      | 130.0 |         |
| 10603-AAA | IEEE 802.11n (HT Mixed, 40MHz, MCS4, 90pc duty cycle) | X | 5.67 | 67.86 | 17.13 | 0.46 | 130.0 | ± 9.6 % |
|           |                                                       | Y | 5.97 | 68.02 | 17.25 |      | 130.0 |         |
|           |                                                       | Z | 5.43 | 67.73 | 16.95 |      | 130.0 |         |
| 10604-AAA | IEEE 802.11n (HT Mixed, 40MHz, MCS5, 90pc duty cycle) | X | 5.49 | 67.36 | 16.86 | 0.46 | 130.0 | ± 9.6 % |
|           |                                                       | Y | 5.69 | 67.29 | 16.88 |      | 130.0 |         |
|           |                                                       | Z | 5.31 | 67.36 | 16.74 |      | 130.0 |         |
| 10605-AAA | IEEE 802.11n (HT Mixed, 40MHz, MCS6, 90pc duty cycle) | X | 5.58 | 67.62 | 16.98 | 0.46 | 130.0 | ± 9.6 % |
|           |                                                       | Y | 5.79 | 67.57 | 17.02 |      | 130.0 |         |
|           |                                                       | Z | 5.34 | 67.44 | 16.77 |      | 130.0 |         |
| 10606-AAA | IEEE 802.11n (HT Mixed, 40MHz, MCS7, 90pc duty cycle) | X | 5.33 | 66.98 | 16.52 | 0.46 | 130.0 | ± 9.6 % |
|           |                                                       | Y | 5.56 | 67.06 | 16.64 |      | 130.0 |         |
|           |                                                       | Z | 5.13 | 66.87 | 16.34 |      | 130.0 |         |

|           |                                                   |   |      |       |       |      |       |         |
|-----------|---------------------------------------------------|---|------|-------|-------|------|-------|---------|
| 10607-AAA | IEEE 802.11ac WiFi (20MHz, MCS0, 90pc duty cycle) | X | 4.66 | 66.26 | 16.34 | 0.46 | 130.0 | ± 9.6 % |
|           |                                                   | Y | 4.83 | 65.96 | 16.28 |      | 130.0 |         |
|           |                                                   | Z | 4.46 | 66.28 | 16.15 |      | 130.0 |         |
| 10608-AAA | IEEE 802.11ac WiFi (20MHz, MCS1, 90pc duty cycle) | X | 4.85 | 66.67 | 16.50 | 0.46 | 130.0 | ± 9.6 % |
|           |                                                   | Y | 5.06 | 66.40 | 16.44 |      | 130.0 |         |
|           |                                                   | Z | 4.60 | 66.60 | 16.29 |      | 130.0 |         |
| 10609-AAA | IEEE 802.11ac WiFi (20MHz, MCS2, 90pc duty cycle) | X | 4.74 | 66.50 | 16.33 | 0.46 | 130.0 | ± 9.6 % |
|           |                                                   | Y | 4.95 | 66.29 | 16.31 |      | 130.0 |         |
|           |                                                   | Z | 4.49 | 66.41 | 16.10 |      | 130.0 |         |
| 10610-AAA | IEEE 802.11ac WiFi (20MHz, MCS3, 90pc duty cycle) | X | 4.79 | 66.68 | 16.51 | 0.46 | 130.0 | ± 9.6 % |
|           |                                                   | Y | 5.00 | 66.44 | 16.46 |      | 130.0 |         |
|           |                                                   | Z | 4.54 | 66.61 | 16.29 |      | 130.0 |         |
| 10611-AAA | IEEE 802.11ac WiFi (20MHz, MCS4, 90pc duty cycle) | X | 4.70 | 66.47 | 16.34 | 0.46 | 130.0 | ± 9.6 % |
|           |                                                   | Y | 4.93 | 66.30 | 16.34 |      | 130.0 |         |
|           |                                                   | Z | 4.45 | 66.38 | 16.11 |      | 130.0 |         |
| 10612-AAA | IEEE 802.11ac WiFi (20MHz, MCS5, 90pc duty cycle) | X | 4.71 | 66.61 | 16.37 | 0.46 | 130.0 | ± 9.6 % |
|           |                                                   | Y | 4.95 | 66.43 | 16.37 |      | 130.0 |         |
|           |                                                   | Z | 4.44 | 66.47 | 16.13 |      | 130.0 |         |
| 10613-AAA | IEEE 802.11ac WiFi (20MHz, MCS6, 90pc duty cycle) | X | 4.71 | 66.48 | 16.25 | 0.46 | 130.0 | ± 9.6 % |
|           |                                                   | Y | 4.96 | 66.37 | 16.28 |      | 130.0 |         |
|           |                                                   | Z | 4.43 | 66.28 | 15.97 |      | 130.0 |         |
| 10614-AAA | IEEE 802.11ac WiFi (20MHz, MCS7, 90pc duty cycle) | X | 4.67 | 66.75 | 16.54 | 0.46 | 130.0 | ± 9.6 % |
|           |                                                   | Y | 4.89 | 66.55 | 16.51 |      | 130.0 |         |
|           |                                                   | Z | 4.42 | 66.61 | 16.29 |      | 130.0 |         |
| 10615-AAA | IEEE 802.11ac WiFi (20MHz, MCS8, 90pc duty cycle) | X | 4.69 | 66.25 | 16.08 | 0.46 | 130.0 | ± 9.6 % |
|           |                                                   | Y | 4.93 | 66.10 | 16.12 |      | 130.0 |         |
|           |                                                   | Z | 4.43 | 66.14 | 15.83 |      | 130.0 |         |
| 10616-AAA | IEEE 802.11ac WiFi (40MHz, MCS0, 90pc duty cycle) | X | 5.31 | 66.69 | 16.50 | 0.46 | 130.0 | ± 9.6 % |
|           |                                                   | Y | 5.49 | 66.57 | 16.48 |      | 130.0 |         |
|           |                                                   | Z | 5.08 | 66.53 | 16.30 |      | 130.0 |         |
| 10617-AAA | IEEE 802.11ac WiFi (40MHz, MCS1, 90pc duty cycle) | X | 5.37 | 66.84 | 16.54 | 0.46 | 130.0 | ± 9.6 % |
|           |                                                   | Y | 5.56 | 66.68 | 16.50 |      | 130.0 |         |
|           |                                                   | Z | 5.12 | 66.63 | 16.32 |      | 130.0 |         |
| 10618-AAA | IEEE 802.11ac WiFi (40MHz, MCS2, 90pc duty cycle) | X | 5.26 | 66.89 | 16.59 | 0.46 | 130.0 | ± 9.6 % |
|           |                                                   | Y | 5.45 | 66.75 | 16.55 |      | 130.0 |         |
|           |                                                   | Z | 5.04 | 66.74 | 16.40 |      | 130.0 |         |
| 10619-AAA | IEEE 802.11ac WiFi (40MHz, MCS3, 90pc duty cycle) | X | 5.27 | 66.65 | 16.39 | 0.46 | 130.0 | ± 9.6 % |
|           |                                                   | Y | 5.47 | 66.56 | 16.40 |      | 130.0 |         |
|           |                                                   | Z | 5.05 | 66.51 | 16.21 |      | 130.0 |         |
| 10620-AAA | IEEE 802.11ac WiFi (40MHz, MCS4, 90pc duty cycle) | X | 5.36 | 66.69 | 16.46 | 0.46 | 130.0 | ± 9.6 % |
|           |                                                   | Y | 5.60 | 66.71 | 16.52 |      | 130.0 |         |
|           |                                                   | Z | 5.12 | 66.50 | 16.25 |      | 130.0 |         |
| 10621-AAA | IEEE 802.11ac WiFi (40MHz, MCS5, 90pc duty cycle) | X | 5.37 | 66.87 | 16.68 | 0.46 | 130.0 | ± 9.6 % |
|           |                                                   | Y | 5.57 | 66.75 | 16.65 |      | 130.0 |         |
|           |                                                   | Z | 5.14 | 66.70 | 16.49 |      | 130.0 |         |
| 10622-AAA | IEEE 802.11ac WiFi (40MHz, MCS6, 90pc duty cycle) | X | 5.38 | 67.02 | 16.75 | 0.46 | 130.0 | ± 9.6 % |
|           |                                                   | Y | 5.56 | 66.85 | 16.69 |      | 130.0 |         |
|           |                                                   | Z | 5.13 | 66.78 | 16.52 |      | 130.0 |         |



|           |                                                     |   |      |       |       |      |       |         |
|-----------|-----------------------------------------------------|---|------|-------|-------|------|-------|---------|
| 10623-AAA | IEEE 802.11ac WiFi (40MHz, MCS7, 90pc duty cycle)   | X | 5.25 | 66.51 | 16.36 | 0.46 | 130.0 | ± 9.6 % |
|           |                                                     | Y | 5.47 | 66.52 | 16.42 |      | 130.0 |         |
|           |                                                     | Z | 5.01 | 66.28 | 16.12 |      | 130.0 |         |
| 10624-AAA | IEEE 802.11ac WiFi (40MHz, MCS8, 90pc duty cycle)   | X | 5.44 | 66.71 | 16.52 | 0.46 | 130.0 | ± 9.6 % |
|           |                                                     | Y | 5.64 | 66.60 | 16.52 |      | 130.0 |         |
|           |                                                     | Z | 5.21 | 66.54 | 16.32 |      | 130.0 |         |
| 10625-AAA | IEEE 802.11ac WiFi (40MHz, MCS9, 90pc duty cycle)   | X | 5.79 | 67.63 | 17.03 | 0.46 | 130.0 | ± 9.6 % |
|           |                                                     | Y | 6.00 | 67.48 | 17.00 |      | 130.0 |         |
|           |                                                     | Z | 5.30 | 66.69 | 16.46 |      | 130.0 |         |
| 10626-AAA | IEEE 802.11ac WiFi (80MHz, MCS0, 90pc duty cycle)   | X | 5.60 | 66.72 | 16.43 | 0.46 | 130.0 | ± 9.6 % |
|           |                                                     | Y | 5.74 | 66.61 | 16.41 |      | 130.0 |         |
|           |                                                     | Z | 5.41 | 66.54 | 16.24 |      | 130.0 |         |
| 10627-AAA | IEEE 802.11ac WiFi (80MHz, MCS1, 90pc duty cycle)   | X | 5.83 | 67.25 | 16.65 | 0.46 | 130.0 | ± 9.6 % |
|           |                                                     | Y | 5.99 | 67.11 | 16.61 |      | 130.0 |         |
|           |                                                     | Z | 5.62 | 67.09 | 16.48 |      | 130.0 |         |
| 10628-AAA | IEEE 802.11ac WiFi (80MHz, MCS2, 90pc duty cycle)   | X | 5.62 | 66.78 | 16.35 | 0.46 | 130.0 | ± 9.6 % |
|           |                                                     | Y | 5.82 | 66.81 | 16.41 |      | 130.0 |         |
|           |                                                     | Z | 5.40 | 66.48 | 16.10 |      | 130.0 |         |
| 10629-AAA | IEEE 802.11ac WiFi (80MHz, MCS3, 90pc duty cycle)   | X | 5.70 | 66.82 | 16.36 | 0.46 | 130.0 | ± 9.6 % |
|           |                                                     | Y | 5.92 | 66.92 | 16.45 |      | 130.0 |         |
|           |                                                     | Z | 5.49 | 66.63 | 16.17 |      | 130.0 |         |
| 10630-AAA | IEEE 802.11ac WiFi (80MHz, MCS4, 90pc duty cycle)   | X | 6.10 | 68.21 | 17.05 | 0.46 | 130.0 | ± 9.6 % |
|           |                                                     | Y | 6.45 | 68.64 | 17.31 |      | 130.0 |         |
|           |                                                     | Z | 5.70 | 67.47 | 16.60 |      | 130.0 |         |
| 10631-AAA | IEEE 802.11ac WiFi (80MHz, MCS5, 90pc duty cycle)   | X | 6.05 | 68.20 | 17.26 | 0.46 | 130.0 | ± 9.6 % |
|           |                                                     | Y | 6.34 | 68.40 | 17.37 |      | 130.0 |         |
|           |                                                     | Z | 5.72 | 67.70 | 16.93 |      | 130.0 |         |
| 10632-AAA | IEEE 802.11ac WiFi (80MHz, MCS6, 90pc duty cycle)   | X | 5.81 | 67.37 | 16.86 | 0.46 | 130.0 | ± 9.6 % |
|           |                                                     | Y | 5.99 | 67.25 | 16.81 |      | 130.0 |         |
|           |                                                     | Z | 5.63 | 67.31 | 16.75 |      | 130.0 |         |
| 10633-AAA | IEEE 802.11ac WiFi (80MHz, MCS7, 90pc duty cycle)   | X | 5.70 | 66.99 | 16.49 | 0.46 | 130.0 | ± 9.6 % |
|           |                                                     | Y | 5.94 | 67.13 | 16.59 |      | 130.0 |         |
|           |                                                     | Z | 5.44 | 66.62 | 16.22 |      | 130.0 |         |
| 10634-AAA | IEEE 802.11ac WiFi (80MHz, MCS8, 90pc duty cycle)   | X | 5.69 | 67.04 | 16.58 | 0.46 | 130.0 | ± 9.6 % |
|           |                                                     | Y | 5.91 | 67.10 | 16.63 |      | 130.0 |         |
|           |                                                     | Z | 5.47 | 66.83 | 16.38 |      | 130.0 |         |
| 10635-AAA | IEEE 802.11ac WiFi (80MHz, MCS9, 90pc duty cycle)   | X | 5.54 | 66.25 | 15.89 | 0.46 | 130.0 | ± 9.6 % |
|           |                                                     | Y | 5.79 | 66.44 | 16.05 |      | 130.0 |         |
|           |                                                     | Z | 5.30 | 65.94 | 15.63 |      | 130.0 |         |
| 10636-AAA | IEEE 1602.11ac WiFi (160MHz, MCS0, 90pc duty cycle) | X | 6.01 | 67.06 | 16.50 | 0.46 | 130.0 | ± 9.6 % |
|           |                                                     | Y | 6.14 | 67.01 | 16.51 |      | 130.0 |         |
|           |                                                     | Z | 5.83 | 66.87 | 16.31 |      | 130.0 |         |
| 10637-AAA | IEEE 1602.11ac WiFi (160MHz, MCS1, 90pc duty cycle) | X | 6.16 | 67.43 | 16.66 | 0.46 | 130.0 | ± 9.6 % |
|           |                                                     | Y | 6.33 | 67.45 | 16.70 |      | 130.0 |         |
|           |                                                     | Z | 5.94 | 67.14 | 16.44 |      | 130.0 |         |
| 10638-AAA | IEEE 1602.11ac WiFi (160MHz, MCS2, 90pc duty cycle) | X | 6.16 | 67.41 | 16.63 | 0.46 | 130.0 | ± 9.6 % |
|           |                                                     | Y | 6.31 | 67.36 | 16.64 |      | 130.0 |         |
|           |                                                     | Z | 5.97 | 67.22 | 16.44 |      | 130.0 |         |

|           |                                                        |   |       |        |       |      |       |         |
|-----------|--------------------------------------------------------|---|-------|--------|-------|------|-------|---------|
| 10639-AAA | IEEE 1602.11ac WiFi (160MHz, MCS3, 90pc duty cycle)    | X | 6.14  | 67.37  | 16.66 | 0.46 | 130.0 | ± 9.6 % |
|           |                                                        | Y | 6.33  | 67.42  | 16.72 |      | 130.0 |         |
|           |                                                        | Z | 5.93  | 67.11  | 16.44 |      | 130.0 |         |
| 10640-AAA | IEEE 1602.11ac WiFi (160MHz, MCS4, 90pc duty cycle)    | X | 6.14  | 67.35  | 16.58 | 0.46 | 130.0 | ± 9.6 % |
|           |                                                        | Y | 6.37  | 67.52  | 16.71 |      | 130.0 |         |
|           |                                                        | Z | 5.89  | 66.98  | 16.31 |      | 130.0 |         |
| 10641-AAA | IEEE 1602.11ac WiFi (160MHz, MCS5, 90pc duty cycle)    | X | 6.18  | 67.24  | 16.55 | 0.46 | 130.0 | ± 9.6 % |
|           |                                                        | Y | 6.35  | 67.23  | 16.58 |      | 130.0 |         |
|           |                                                        | Z | 5.98  | 67.02  | 16.35 |      | 130.0 |         |
| 10642-AAA | IEEE 1602.11ac WiFi (160MHz, MCS6, 90pc duty cycle)    | X | 6.24  | 67.57  | 16.89 | 0.46 | 130.0 | ± 9.6 % |
|           |                                                        | Y | 6.43  | 67.58  | 16.92 |      | 130.0 |         |
|           |                                                        | Z | 6.02  | 67.32  | 16.68 |      | 130.0 |         |
| 10643-AAA | IEEE 1602.11ac WiFi (160MHz, MCS7, 90pc duty cycle)    | X | 6.06  | 67.19  | 16.59 | 0.46 | 130.0 | ± 9.6 % |
|           |                                                        | Y | 6.25  | 67.26  | 16.67 |      | 130.0 |         |
|           |                                                        | Z | 5.85  | 66.93  | 16.36 |      | 130.0 |         |
| 10644-AAA | IEEE 1602.11ac WiFi (160MHz, MCS8, 90pc duty cycle)    | X | 6.22  | 67.69  | 16.85 | 0.46 | 130.0 | ± 9.6 % |
|           |                                                        | Y | 6.49  | 67.99  | 17.06 |      | 130.0 |         |
|           |                                                        | Z | 5.92  | 67.14  | 16.49 |      | 130.0 |         |
| 10645-AAA | IEEE 1602.11ac WiFi (160MHz, MCS9, 90pc duty cycle)    | X | 6.52  | 68.17  | 17.04 | 0.46 | 130.0 | ± 9.6 % |
|           |                                                        | Y | 6.76  | 68.29  | 17.14 |      | 130.0 |         |
|           |                                                        | Z | 6.03  | 67.13  | 16.45 |      | 130.0 |         |
| 10646-AAC | LTE-TDD (SC-FDMA, 1 RB, 5 MHz, QPSK, UL Subframe=2,7)  | X | 13.83 | 98.40  | 31.96 | 9.30 | 60.0  | ± 9.6 % |
|           |                                                        | Y | 25.35 | 110.55 | 36.71 |      | 60.0  |         |
|           |                                                        | Z | 7.32  | 86.97  | 27.93 |      | 60.0  |         |
| 10647-AAB | LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK, UL Subframe=2,7) | X | 12.62 | 97.13  | 31.67 | 9.30 | 60.0  | ± 9.6 % |
|           |                                                        | Y | 24.29 | 110.32 | 36.77 |      | 60.0  |         |
|           |                                                        | Z | 6.58  | 85.37  | 27.48 |      | 60.0  |         |
| 10648-AAA | CDMA2000 (1x Advanced)                                 | X | 0.93  | 68.07  | 13.67 | 0.00 | 150.0 | ± 9.6 % |
|           |                                                        | Y | 0.91  | 65.96  | 13.33 |      | 150.0 |         |
|           |                                                        | Z | 0.61  | 63.95  | 10.02 |      | 150.0 |         |

<sup>E</sup> Uncertainty is determined using the max. deviation from linear response applying rectangular distribution and is expressed for the square of the field value.