# Probe EX3DV4

# SN:3898

Manufactured: October 9, 2012
Calibrated: June 26, 2018

Calibrated for DASY/EASY Systems
(Note: non-compatible with DASY2 system!)

# DASY/EASY - Parameters of Probe: EX3DV4 - SN:3898

## Basic Calibration Parameters

| | Sensor X | Sensor Y | Sensor Z | Unc (k=2) |
|---|---|---|---|---|
| Norm ($\mu V/(V/m)^2$)[A] | 0.38 | 0.35 | 0.32 | ± 10.1 % |
| DCP (mV)[B] | 100.1 | 103.5 | 96.5 | |

## Modulation Calibration Parameters

| UID | Communication System Name | | A dB | B dB√μV | C | D dB | VR mV | Unc[E] (k=2) |
|---|---|---|---|---|---|---|---|---|
| 0 | CW | X | 0.0 | 0.0 | 1.0 | 0.00 | 157.1 | ±3.3 % |
| | | Y | 0.0 | 0.0 | 1.0 | | 155.4 | |
| | | Z | 0.0 | 0.0 | 1.0 | | 161.2 | |

Note: For details on UID parameters see Appendix.

## Sensor Model Parameters

| | C1 fF | C2 fF | α $V^{-1}$ | T1 $ms.V^{-2}$ | T2 $ms.V^{-1}$ | T3 ms | T4 $V^{-2}$ | T5 $V^{-1}$ | T6 |
|---|---|---|---|---|---|---|---|---|---|
| X | 33.50 | 254.8 | 36.71 | 7.139 | 0.577 | 5.024 | 0.179 | 0.406 | 1.006 |
| Y | 36.45 | 267.7 | 34.59 | 7.843 | 0.296 | 5.019 | 1.545 | 0.110 | 1.005 |
| Z | 32.58 | 250.9 | 37.51 | 6.306 | 0.665 | 5.034 | 0.000 | 0.434 | 1.007 |

The reported uncertainty of measurement is stated as the standard uncertainty of measurement multiplied by the coverage factor k=2, which for a normal distribution corresponds to a coverage probability of approximately 95%.

[A] The uncertainties of Norm X,Y,Z do not affect the $E^2$-field uncertainty inside TSL (see Pages 5 and 6).
[B] Numerical linearization parameter: uncertainty not required.
[E] Uncertainty is determined using the max. deviation from linear response applying rectangular distribution and is expressed for the square of the field value.

# DASY/EASY - Parameters of Probe: EX3DV4 - SN:3898

## Calibration Parameter Determined in Head Tissue Simulating Media

| f (MHz) [C] | Relative Permittivity [F] | Conductivity (S/m) [F] | ConvF X | ConvF Y | ConvF Z | Alpha [G] | Depth [G] (mm) | Unc (k=2) |
|---|---|---|---|---|---|---|---|---|
| 750 | 41.9 | 0.89 | 10.63 | 10.63 | 10.63 | 0.51 | 0.80 | ± 12.0 % |
| 835 | 41.5 | 0.90 | 10.07 | 10.07 | 10.07 | 0.50 | 0.80 | ± 12.0 % |
| 900 | 41.5 | 0.97 | 9.82 | 9.82 | 9.82 | 0.39 | 0.89 | ± 12.0 % |
| 1750 | 40.1 | 1.37 | 8.68 | 8.68 | 8.68 | 0.37 | 0.80 | ± 12.0 % |
| 1900 | 40.0 | 1.40 | 8.35 | 8.35 | 8.35 | 0.35 | 0.85 | ± 12.0 % |
| 2000 | 40.0 | 1.40 | 8.33 | 8.33 | 8.33 | 0.30 | 0.85 | ± 12.0 % |
| 2300 | 39.5 | 1.67 | 7.97 | 7.97 | 7.97 | 0.32 | 0.85 | ± 12.0 % |
| 2450 | 39.2 | 1.80 | 7.59 | 7.59 | 7.59 | 0.36 | 0.80 | ± 12.0 % |
| 2600 | 39.0 | 1.96 | 7.37 | 7.37 | 7.37 | 0.36 | 0.86 | ± 12.0 % |
| 3500 | 37.9 | 2.91 | 7.21 | 7.21 | 7.21 | 0.25 | 1.20 | ± 13.1 % |
| 5250 | 35.9 | 4.71 | 5.40 | 5.40 | 5.40 | 0.40 | 1.80 | ± 13.1 % |
| 5600 | 35.5 | 5.07 | 4.88 | 4.88 | 4.88 | 0.40 | 1.80 | ± 13.1 % |
| 5750 | 35.4 | 5.22 | 5.09 | 5.09 | 5.09 | 0.40 | 1.80 | ± 13.1 % |

[C] Frequency validity above 300 MHz of ± 100 MHz only applies for DASY v4.4 and higher (see Page 2), else it is restricted to ± 50 MHz. The uncertainty is the RSS of the ConvF uncertainty at calibration frequency and the uncertainty for the indicated frequency band. Frequency validity below 300 MHz is ± 10, 25, 40, 50 and 70 MHz for ConvF assessments at 30, 64, 128, 150 and 220 MHz respectively. Above 5 GHz frequency validity can be extended to ± 110 MHz.

[F] At frequencies below 3 GHz, the validity of tissue parameters (ε and σ) can be relaxed to ± 10% if liquid compensation formula is applied to measured SAR values. At frequencies above 3 GHz, the validity of tissue parameters (ε and σ) is restricted to ± 5%. The uncertainty is the RSS of the ConvF uncertainty for indicated target tissue parameters.

[G] Alpha/Depth are determined during calibration. SPEAG warrants that the remaining deviation due to the boundary effect after compensation is always less than ± 1% for frequencies below 3 GHz and below ± 2% for frequencies between 3-6 GHz at any distance larger than half the probe tip diameter from the boundary.

# DASY/EASY - Parameters of Probe: EX3DV4 - SN:3898

## Calibration Parameter Determined in Body Tissue Simulating Media

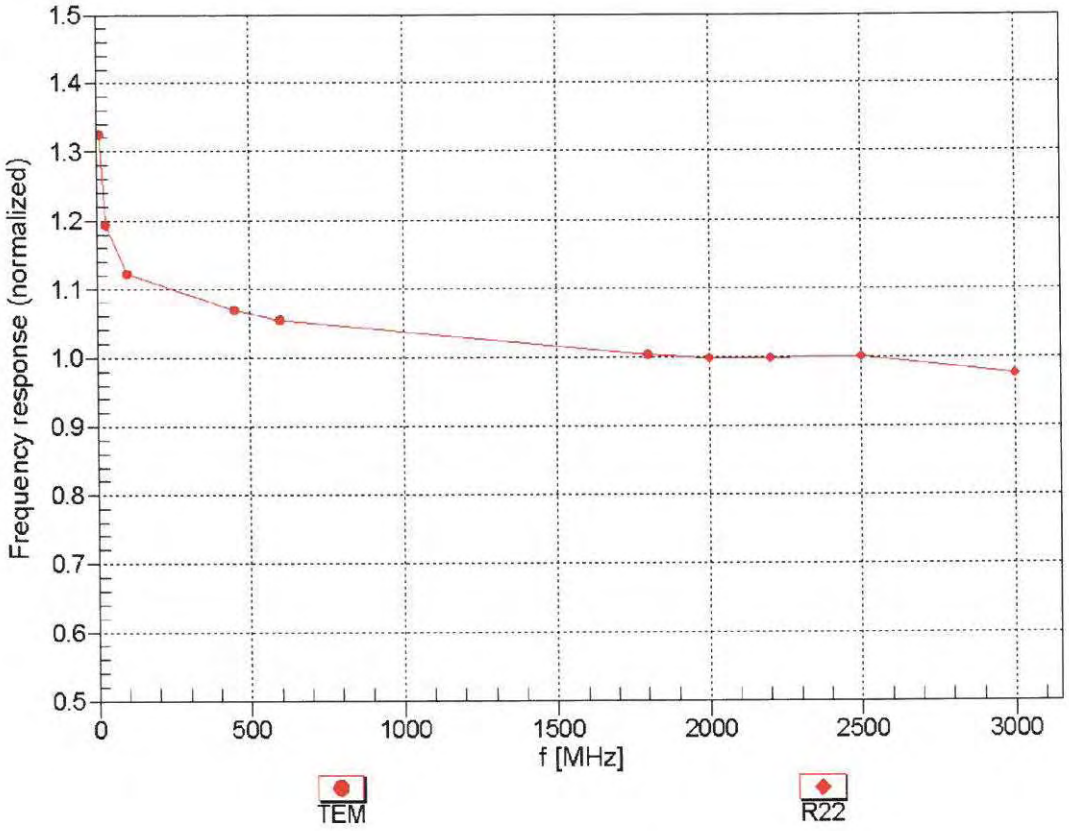
| f (MHz) [C] | Relative Permittivity [F] | Conductivity (S/m) [F] | ConvF X | ConvF Y | ConvF Z | Alpha [G] | Depth [G] (mm) | Unc (k=2) |
|---|---|---|---|---|---|---|---|---|
| 750 | 55.5 | 0.96 | 10.28 | 10.28 | 10.28 | 0.42 | 0.88 | ± 12.0 % |
| 835 | 55.2 | 0.97 | 10.25 | 10.25 | 10.25 | 0.38 | 0.96 | ± 12.0 % |
| 900 | 55.0 | 1.05 | 10.19 | 10.19 | 10.19 | 0.49 | 0.81 | ± 12.0 % |
| 1750 | 53.4 | 1.49 | 8.28 | 8.28 | 8.28 | 0.40 | 0.85 | ± 12.0 % |
| 1900 | 53.3 | 1.52 | 7.97 | 7.97 | 7.97 | 0.43 | 0.80 | ± 12.0 % |
| 2000 | 53.3 | 1.52 | 8.15 | 8.15 | 8.15 | 0.34 | 0.90 | ± 12.0 % |
| 2300 | 52.9 | 1.81 | 7.75 | 7.75 | 7.75 | 0.45 | 0.85 | ± 12.0 % |
| 2450 | 52.7 | 1.95 | 7.61 | 7.61 | 7.61 | 0.36 | 0.87 | ± 12.0 % |
| 2600 | 52.5 | 2.16 | 7.51 | 7.51 | 7.51 | 0.33 | 0.90 | ± 12.0 % |
| 3500 | 51.3 | 3.31 | 6.99 | 6.99 | 6.99 | 0.25 | 1.25 | ± 13.1 % |
| 5250 | 48.9 | 5.36 | 4.95 | 4.95 | 4.95 | 0.50 | 1.90 | ± 13.1 % |
| 5600 | 48.5 | 5.77 | 4.17 | 4.17 | 4.17 | 0.50 | 1.90 | ± 13.1 % |
| 5750 | 48.3 | 5.94 | 4.45 | 4.45 | 4.45 | 0.50 | 1.90 | ± 13.1 % |

[C] Frequency validity above 300 MHz of ± 100 MHz only applies for DASY v4.4 and higher (see Page 2), else it is restricted to ± 50 MHz. The uncertainty is the RSS of the ConvF uncertainty at calibration frequency and the uncertainty for the indicated frequency band. Frequency validity below 300 MHz is ± 10, 25, 40, 50 and 70 MHz for ConvF assessments at 30, 64, 128, 150 and 220 MHz respectively. Above 5 GHz frequency validity can be extended to ± 110 MHz.

[F] At frequencies below 3 GHz, the validity of tissue parameters (ε and σ) can be relaxed to ± 10% if liquid compensation formula is applied to measured SAR values. At frequencies above 3 GHz, the validity of tissue parameters (ε and σ) is restricted to ± 5%. The uncertainty is the RSS of the ConvF uncertainty for indicated target tissue parameters.

[G] Alpha/Depth are determined during calibration. SPEAG warrants that the remaining deviation due to the boundary effect after compensation is always less than ± 1% for frequencies below 3 GHz and below ± 2% for frequencies between 3-6 GHz at any distance larger than half the probe tip diameter from the boundary.

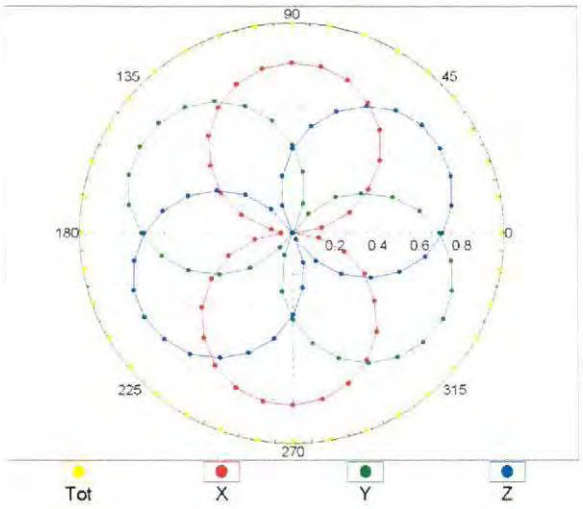
# Frequency Response of E-Field
## (TEM-Cell:ifi110 EXX, Waveguide: R22)



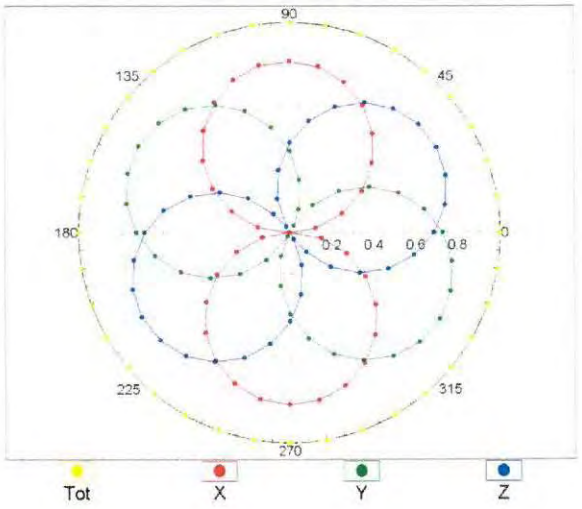

**Uncertainty of Frequency Response of E-field: ± 6.3% (k=2)**

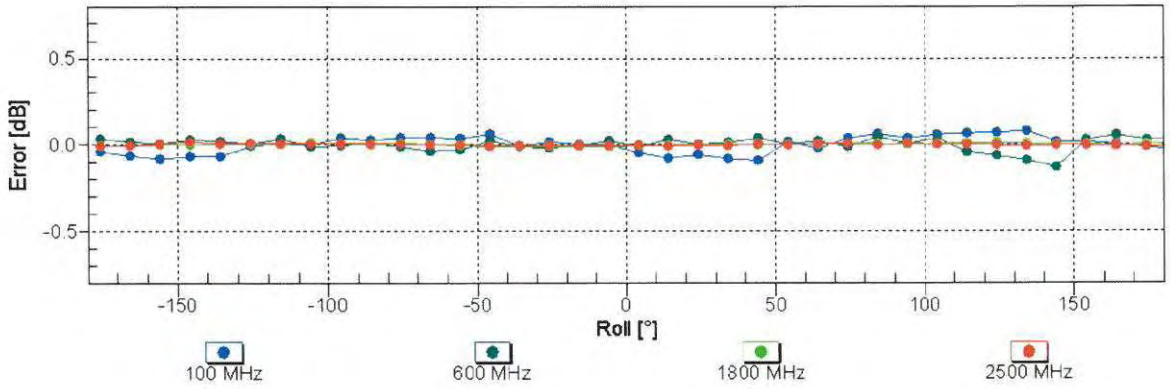
# Receiving Pattern (ϕ), ϑ = 0°

f=600 MHz,TEM



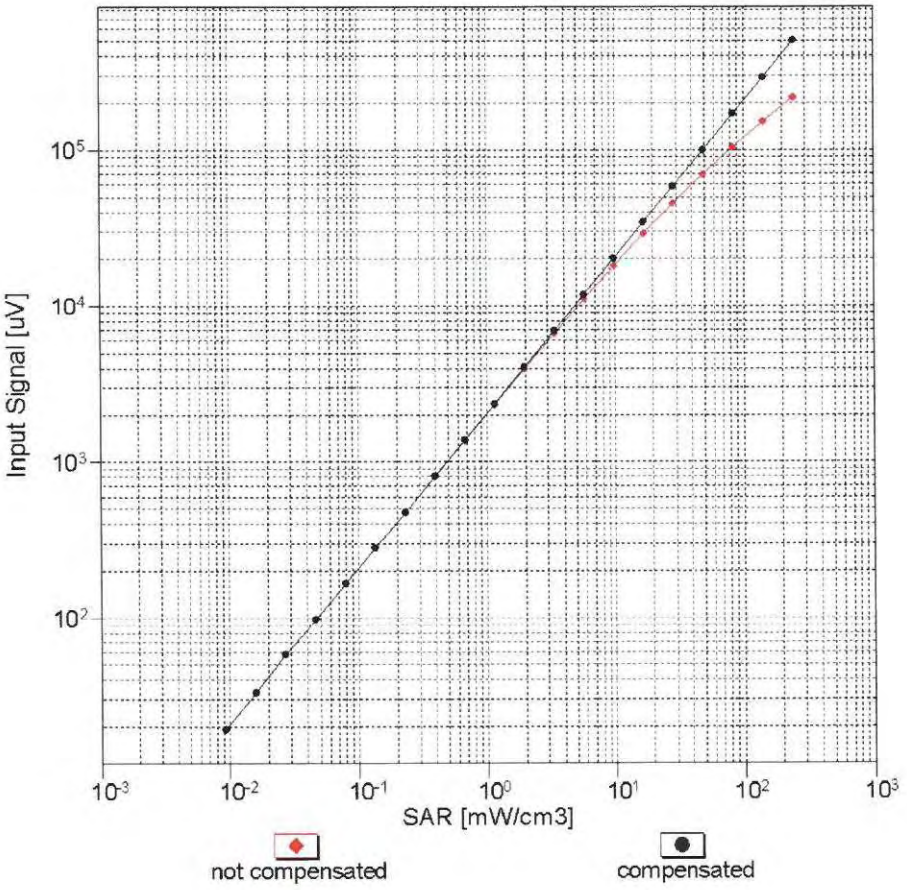

f=1800 MHz,R22

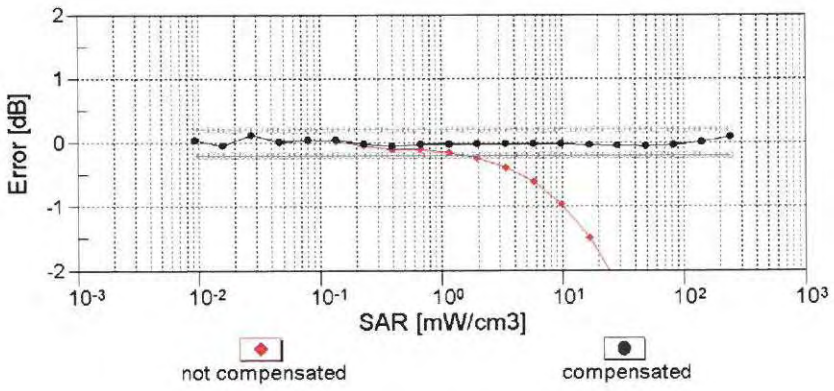



**Uncertainty of Axial Isotropy Assessment: ± 0.5% (k=2)**

# Dynamic Range f($SAR_{head}$)
**(TEM cell , $f_{eval}$= 1900 MHz)**

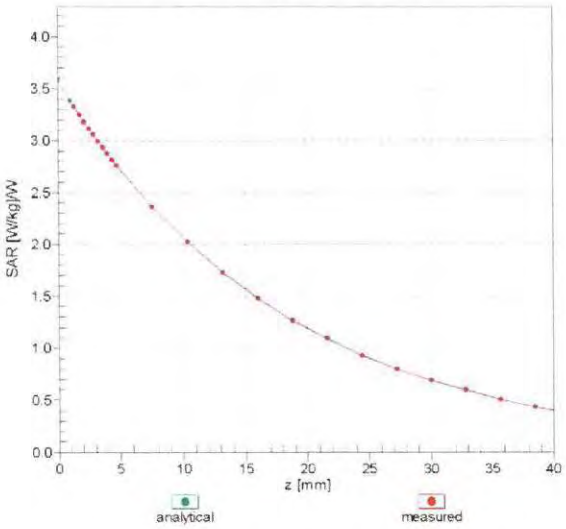


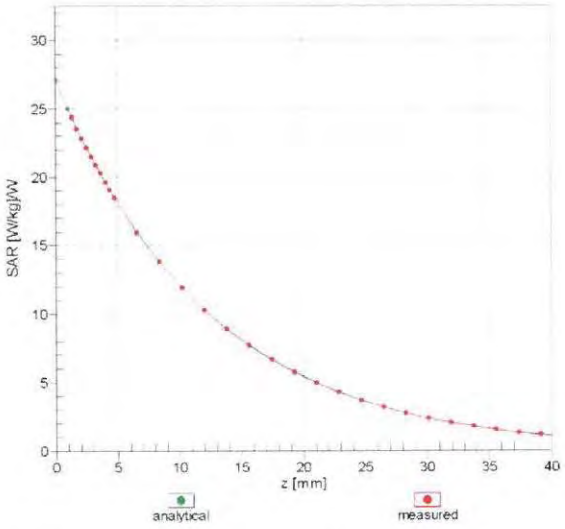

**Uncertainty of Linearity Assessment: ± 0.6% (k=2)**

# Conversion Factor Assessment

f = 900 MHz,WGLS R9 (H_convF)

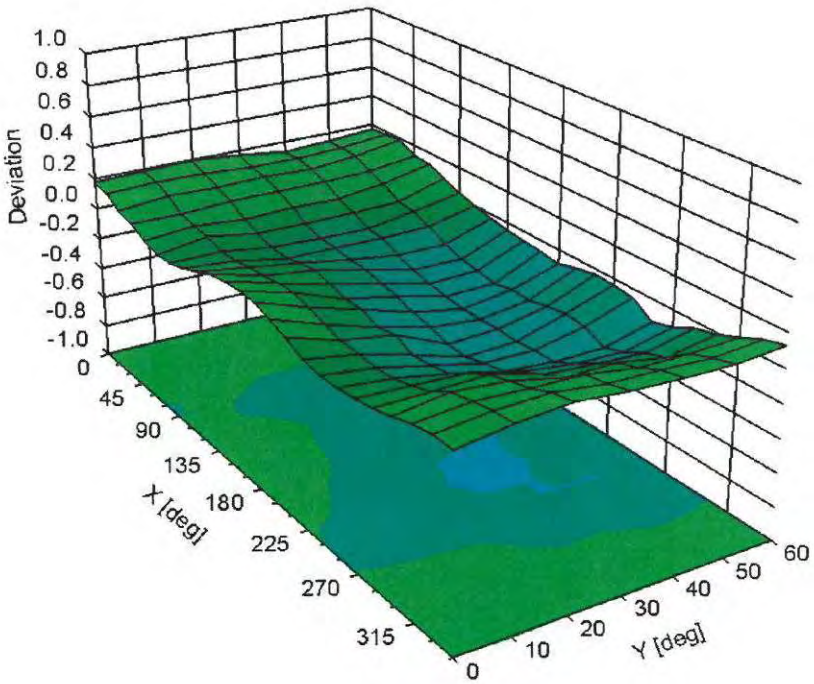


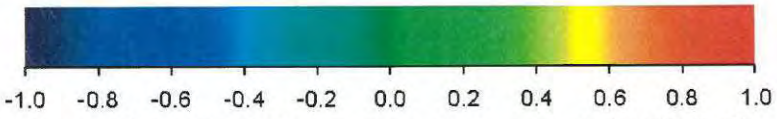

f = 1750 MHz,WGLS R22 (H_convF)




# Deviation from Isotropy in Liquid

**Error (ϕ, ϑ), f = 900 MHz**




**Uncertainty of Spherical Isotropy Assessment: ± 2.6% (k=2)**

# DASY/EASY - Parameters of Probe: EX3DV4 - SN:3898

## Other Probe Parameters

| | |
|---|---|
| Sensor Arrangement | Triangular |
| Connector Angle (°) | 114.3 |
| 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 dB | B dB√μV | C | D dB | VR mV | Max Unc$^E$ (k=2) |
|---|---|---|---|---|---|---|---|---|
| 0 | CW | X | 0.00 | 0.00 | 1.00 | 0.00 | 157.1 | ± 3.3 % |
| | | Y | 0.00 | 0.00 | 1.00 | | 155.4 | |
| | | Z | 0.00 | 0.00 | 1.00 | | 161.2 | |
| 10010-CAA | SAR Validation (Square, 100ms, 10ms) | X | 1.69 | 62.30 | 7.79 | 10.00 | 20.0 | ± 9.6 % |
| | | Y | 1.95 | 64.48 | 9.01 | | 20.0 | |
| | | Z | 1.68 | 62.01 | 7.60 | | 20.0 | |
| 10011-CAB | UMTS-FDD (WCDMA) | X | 0.80 | 65.60 | 13.41 | 0.00 | 150.0 | ± 9.6 % |
| | | Y | 0.95 | 67.23 | 14.93 | | 150.0 | |
| | | Z | 0.75 | 65.25 | 12.93 | | 150.0 | |
| 10012-CAB | IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps) | X | 1.02 | 62.94 | 14.30 | 0.41 | 150.0 | ± 9.6 % |
| | | Y | 1.10 | 63.60 | 14.93 | | 150.0 | |
| | | Z | 0.98 | 62.78 | 14.14 | | 150.0 | |
| 10013-CAB | IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps) | X | 4.55 | 66.53 | 16.78 | 1.46 | 150.0 | ± 9.6 % |
| | | Y | 4.65 | 66.67 | 16.87 | | 150.0 | |
| | | Z | 4.51 | 66.52 | 16.79 | | 150.0 | |
| 10021-DAC | GSM-FDD (TDMA, GMSK) | X | 8.14 | 79.29 | 16.12 | 9.39 | 50.0 | ± 9.6 % |
| | | Y | 100.00 | 107.07 | 23.60 | | 50.0 | |
| | | Z | 6.38 | 76.49 | 15.18 | | 50.0 | |
| 10023-DAC | GPRS-FDD (TDMA, GMSK, TN 0) | X | 5.81 | 75.34 | 14.76 | 9.57 | 50.0 | ± 9.6 % |
| | | Y | 100.00 | 106.62 | 23.45 | | 50.0 | |
| | | Z | 4.97 | 73.46 | 14.08 | | 50.0 | |
| 10024-DAC | GPRS-FDD (TDMA, GMSK, TN 0-1) | X | 7.77 | 79.78 | 14.85 | 6.56 | 60.0 | ± 9.6 % |
| | | Y | 100.00 | 106.08 | 22.06 | | 60.0 | |
| | | Z | 3.60 | 72.65 | 12.43 | | 60.0 | |
| 10025-DAC | EDGE-FDD (TDMA, 8PSK, TN 0) | X | 3.31 | 63.80 | 21.85 | 12.57 | 50.0 | ± 9.6 % |
| | | Y | 4.17 | 71.66 | 26.83 | | 50.0 | |
| | | Z | 3.08 | 61.66 | 20.50 | | 50.0 | |
| 10026-DAC | EDGE-FDD (TDMA, 8PSK, TN 0-1) | X | 6.14 | 83.35 | 29.01 | 9.56 | 60.0 | ± 9.6 % |
| | | Y | 6.53 | 85.71 | 30.39 | | 60.0 | |
| | | Z | 5.99 | 82.71 | 28.72 | | 60.0 | |
| 10027-DAC | GPRS-FDD (TDMA, GMSK, TN 0-1-2) | X | 20.43 | 87.49 | 15.82 | 4.80 | 80.0 | ± 9.6 % |
| | | Y | 100.00 | 106.76 | 21.62 | | 80.0 | |
| | | Z | 1.69 | 67.80 | 9.68 | | 80.0 | |
| 10028-DAC | GPRS-FDD (TDMA, GMSK, TN 0-1-2-3) | X | 4.24 | 75.45 | 11.62 | 3.55 | 100.0 | ± 9.6 % |
| | | Y | 100.00 | 108.49 | 21.71 | | 100.0 | |
| | | Z | 0.57 | 61.66 | 6.21 | | 100.0 | |
| 10029-DAC | EDGE-FDD (TDMA, 8PSK, TN 0-1-2) | X | 4.18 | 75.36 | 24.61 | 7.80 | 80.0 | ± 9.6 % |
| | | Y | 4.29 | 76.26 | 25.26 | | 80.0 | |
| | | Z | 4.10 | 75.05 | 24.49 | | 80.0 | |
| 10030-CAA | IEEE 802.15.1 Bluetooth (GFSK, DH1) | X | 2.12 | 68.81 | 10.41 | 5.30 | 70.0 | ± 9.6 % |
| | | Y | 100.00 | 104.02 | 20.71 | | 70.0 | |
| | | Z | 1.40 | 65.35 | 8.84 | | 70.0 | |
| 10031-CAA | IEEE 802.15.1 Bluetooth (GFSK, DH3) | X | 0.25 | 60.00 | 3.83 | 1.88 | 100.0 | ± 9.6 % |
| | | Y | 100.00 | 101.00 | 17.48 | | 100.0 | |
| | | Z | 0.33 | 60.00 | 2.77 | | 100.0 | |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 10032-CAA | IEEE 802.15.1 Bluetooth (GFSK, DH5) | X | 30.07 | 60.77 | 1.48 | 1.17 | 100.0 | ± 9.6 % |
| | | Y | 100.00 | 101.88 | 17.11 | | 100.0 | |
| | | Z | 0.00 | 174.94 | 38.25 | | 100.0 | |
| 10033-CAA | IEEE 802.15.1 Bluetooth (PI/4-DQPSK, DH1) | X | 3.96 | 76.50 | 17.15 | 5.30 | 70.0 | ± 9.6 % |
| | | Y | 7.49 | 87.27 | 21.85 | | 70.0 | |
| | | Z | 3.58 | 74.96 | 16.33 | | 70.0 | |
| 10034-CAA | IEEE 802.15.1 Bluetooth (PI/4-DQPSK, DH3) | X | 1.25 | 65.98 | 11.05 | 1.88 | 100.0 | ± 9.6 % |
| | | Y | 2.14 | 73.11 | 15.33 | | 100.0 | |
| | | Z | 1.05 | 64.23 | 9.81 | | 100.0 | |
| 10035-CAA | IEEE 802.15.1 Bluetooth (PI/4-DQPSK, DH5) | X | 0.94 | 64.20 | 9.88 | 1.17 | 100.0 | ± 9.6 % |
| | | Y | 1.53 | 70.07 | 13.85 | | 100.0 | |
| | | Z | 0.79 | 62.58 | 8.60 | | 100.0 | |
| 10036-CAA | IEEE 802.15.1 Bluetooth (8-DPSK, DH1) | X | 4.78 | 79.17 | 18.17 | 5.30 | 70.0 | ± 9.6 % |
| | | Y | 10.80 | 92.72 | 23.61 | | 70.0 | |
| | | Z | 4.26 | 77.37 | 17.29 | | 70.0 | |
| 10037-CAA | IEEE 802.15.1 Bluetooth (8-DPSK, DH3) | X | 1.17 | 65.46 | 10.80 | 1.88 | 100.0 | ± 9.6 % |
| | | Y | 1.93 | 71.93 | 14.84 | | 100.0 | |
| | | Z | 1.00 | 63.85 | 9.61 | | 100.0 | |
| 10038-CAA | IEEE 802.15.1 Bluetooth (8-DPSK, DH5) | X | 0.95 | 64.43 | 10.11 | 1.17 | 100.0 | ± 9.6 % |
| | | Y | 1.54 | 70.39 | 14.12 | | 100.0 | |
| | | Z | 0.80 | 62.79 | 8.82 | | 100.0 | |
| 10039-CAB | CDMA2000 (1xRTT, RC1) | X | 0.72 | 62.82 | 8.75 | 0.00 | 150.0 | ± 9.6 % |
| | | Y | 1.38 | 69.54 | 13.32 | | 150.0 | |
| | | Z | 0.58 | 61.03 | 7.20 | | 150.0 | |
| 10042-CAB | IS-54 / IS-136 FDD (TDMA/FDM, PI/4-DQPSK, Halfrate) | X | 2.41 | 67.55 | 10.58 | 7.78 | 50.0 | ± 9.6 % |
| | | Y | 99.98 | 103.36 | 21.18 | | 50.0 | |
| | | Z | 2.05 | 65.90 | 9.79 | | 50.0 | |
| 10044-CAA | IS-91/EIA/TIA-553 FDD (FDMA, FM) | X | 0.20 | 125.97 | 5.04 | 0.00 | 150.0 | ± 9.6 % |
| | | Y | 0.01 | 112.04 | 10.35 | | 150.0 | |
| | | Z | 0.61 | 133.03 | 4.06 | | 150.0 | |
| 10048-CAA | DECT (TDD, TDMA/FDM, GFSK, Full Slot, 24) | X | 4.76 | 68.95 | 13.68 | 13.80 | 25.0 | ± 9.6 % |
| | | Y | 7.25 | 74.59 | 15.66 | | 25.0 | |
| | | Z | 4.64 | 68.33 | 13.48 | | 25.0 | |
| 10049-CAA | DECT (TDD, TDMA/FDM, GFSK, Double Slot, 12) | X | 4.58 | 71.29 | 13.42 | 10.79 | 40.0 | ± 9.6 % |
| | | Y | 8.45 | 78.87 | 16.13 | | 40.0 | |
| | | Z | 4.34 | 70.47 | 13.12 | | 40.0 | |
| 10056-CAA | UMTS-TDD (TD-SCDMA, 1.28 Mcps) | X | 8.33 | 81.59 | 19.39 | 9.03 | 50.0 | ± 9.6 % |
| | | Y | 21.27 | 96.66 | 24.69 | | 50.0 | |
| | | Z | 7.46 | 79.75 | 18.62 | | 50.0 | |
| 10058-DAC | EDGE-FDD (TDMA, 8PSK, TN 0-1-2-3) | X | 3.41 | 71.82 | 22.32 | 6.55 | 100.0 | ± 9.6 % |
| | | Y | 3.49 | 72.35 | 22.72 | | 100.0 | |
| | | Z | 3.34 | 71.61 | 22.25 | | 100.0 | |
| 10059-CAB | IEEE 802.11b WiFi 2.4 GHz (DSSS, 2 Mbps) | X | 1.02 | 63.71 | 14.72 | 0.61 | 110.0 | ± 9.6 % |
| | | Y | 1.11 | 64.39 | 15.38 | | 110.0 | |
| | | Z | 0.99 | 63.57 | 14.57 | | 110.0 | |
| 10060-CAB | IEEE 802.11b WiFi 2.4 GHz (DSSS, 5.5 Mbps) | X | 3.43 | 87.68 | 21.53 | 1.30 | 110.0 | ± 9.6 % |
| | | Y | 5.40 | 96.56 | 25.59 | | 110.0 | |
| | | Z | 3.71 | 88.36 | 21.30 | | 110.0 | |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 10061-CAB | IEEE 802.11b WiFi 2.4 GHz (DSSS, 11 Mbps) | X | 1.81 | 74.31 | 19.15 | 2.04 | 110.0 | ± 9.6 % |
| | | Y | 1.95 | 75.61 | 20.26 | | 110.0 | |
| | | Z | 1.80 | 74.59 | 19.18 | | 110.0 | |
| 10062-CAC | IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps) | X | 4.34 | 66.48 | 16.21 | 0.49 | 100.0 | ± 9.6 % |
| | | Y | 4.46 | 66.70 | 16.35 | | 100.0 | |
| | | Z | 4.30 | 66.43 | 16.19 | | 100.0 | |
| 10063-CAC | IEEE 802.11a/h WiFi 5 GHz (OFDM, 9 Mbps) | X | 4.35 | 66.57 | 16.30 | 0.72 | 100.0 | ± 9.6 % |
| | | Y | 4.47 | 66.77 | 16.43 | | 100.0 | |
| | | Z | 4.31 | 66.53 | 16.28 | | 100.0 | |
| 10064-CAC | IEEE 802.11a/h WiFi 5 GHz (OFDM, 12 Mbps) | X | 4.59 | 66.77 | 16.50 | 0.86 | 100.0 | ± 9.6 % |
| | | Y | 4.72 | 66.97 | 16.62 | | 100.0 | |
| | | Z | 4.54 | 66.73 | 16.49 | | 100.0 | |
| 10065-CAC | IEEE 802.11a/h WiFi 5 GHz (OFDM, 18 Mbps) | X | 4.46 | 66.60 | 16.56 | 1.21 | 100.0 | ± 9.6 % |
| | | Y | 4.58 | 66.80 | 16.69 | | 100.0 | |
| | | Z | 4.42 | 66.57 | 16.55 | | 100.0 | |
| 10066-CAC | IEEE 802.11a/h WiFi 5 GHz (OFDM, 24 Mbps) | X | 4.47 | 66.59 | 16.70 | 1.46 | 100.0 | ± 9.6 % |
| | | Y | 4.59 | 66.78 | 16.82 | | 100.0 | |
| | | Z | 4.43 | 66.57 | 16.70 | | 100.0 | |
| 10067-CAC | IEEE 802.11a/h WiFi 5 GHz (OFDM, 36 Mbps) | X | 4.76 | 66.88 | 17.18 | 2.04 | 100.0 | ± 9.6 % |
| | | Y | 4.87 | 67.01 | 17.27 | | 100.0 | |
| | | Z | 4.72 | 66.88 | 17.19 | | 100.0 | |
| 10068-CAC | IEEE 802.11a/h WiFi 5 GHz (OFDM, 48 Mbps) | X | 4.79 | 66.79 | 17.34 | 2.55 | 100.0 | ± 9.6 % |
| | | Y | 4.89 | 66.91 | 17.42 | | 100.0 | |
| | | Z | 4.76 | 66.81 | 17.37 | | 100.0 | |
| 10069-CAC | IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps) | X | 4.85 | 66.83 | 17.53 | 2.67 | 100.0 | ± 9.6 % |
| | | Y | 4.96 | 66.93 | 17.60 | | 100.0 | |
| | | Z | 4.82 | 66.84 | 17.55 | | 100.0 | |
| 10071-CAB | IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 9 Mbps) | X | 4.64 | 66.60 | 17.07 | 1.99 | 100.0 | ± 9.6 % |
| | | Y | 4.73 | 66.71 | 17.14 | | 100.0 | |
| | | Z | 4.61 | 66.60 | 17.09 | | 100.0 | |
| 10072-CAB | IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 12 Mbps) | X | 4.59 | 66.81 | 17.24 | 2.30 | 100.0 | ± 9.6 % |
| | | Y | 4.68 | 66.93 | 17.31 | | 100.0 | |
| | | Z | 4.56 | 66.82 | 17.26 | | 100.0 | |
| 10073-CAB | IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 18 Mbps) | X | 4.65 | 66.99 | 17.56 | 2.83 | 100.0 | ± 9.6 % |
| | | Y | 4.73 | 67.06 | 17.62 | | 100.0 | |
| | | Z | 4.63 | 67.03 | 17.60 | | 100.0 | |
| 10074-CAB | IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 24 Mbps) | X | 4.66 | 66.95 | 17.71 | 3.30 | 100.0 | ± 9.6 % |
| | | Y | 4.73 | 66.98 | 17.75 | | 100.0 | |
| | | Z | 4.64 | 67.00 | 17.76 | | 100.0 | |
| 10075-CAB | IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 36 Mbps) | X | 4.69 | 66.96 | 17.95 | 3.82 | 90.0 | ± 9.6 % |
| | | Y | 4.74 | 66.98 | 17.99 | | 90.0 | |
| | | Z | 4.67 | 67.01 | 18.00 | | 90.0 | |
| 10076-CAB | IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 48 Mbps) | X | 4.73 | 66.85 | 18.13 | 4.15 | 90.0 | ± 9.6 % |
| | | Y | 4.78 | 66.83 | 18.15 | | 90.0 | |
| | | Z | 4.72 | 66.91 | 18.18 | | 90.0 | |
| 10077-CAB | IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 54 Mbps) | X | 4.77 | 66.95 | 18.24 | 4.30 | 90.0 | ± 9.6 % |
| | | Y | 4.80 | 66.91 | 18.25 | | 90.0 | |
| | | Z | 4.75 | 67.02 | 18.30 | | 90.0 | |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 10081-CAB | CDMA2000 (1xRTT, RC3) | X | 0.38 | 60.00 | 6.39 | 0.00 | 150.0 | ± 9.6 % |
| | | Y | 0.64 | 64.18 | 10.31 | | 150.0 | |
| | | Z | 0.35 | 60.00 | 5.73 | | 150.0 | |
| 10082-CAB | IS-54 / IS-136 FDD (TDMA/FDM, PI/4-DQPSK, Fullrate) | X | 0.65 | 60.00 | 3.24 | 4.77 | 80.0 | ± 9.6 % |
| | | Y | 0.59 | 60.00 | 3.58 | | 80.0 | |
| | | Z | 0.77 | 60.00 | 2.82 | | 80.0 | |
| 10090-DAC | GPRS-FDD (TDMA, GMSK, TN 0-4) | X | 8.32 | 80.40 | 15.07 | 6.56 | 60.0 | ± 9.6 % |
| | | Y | 100.00 | 106.11 | 22.09 | | 60.0 | |
| | | Z | 3.81 | 73.14 | 12.63 | | 60.0 | |
| 10097-CAB | UMTS-FDD (HSDPA) | X | 1.59 | 67.11 | 14.48 | 0.00 | 150.0 | ± 9.6 % |
| | | Y | 1.78 | 68.27 | 15.54 | | 150.0 | |
| | | Z | 1.53 | 66.79 | 14.13 | | 150.0 | |
| 10098-CAB | UMTS-FDD (HSUPA, Subtest 2) | X | 1.56 | 67.03 | 14.45 | 0.00 | 150.0 | ± 9.6 % |
| | | Y | 1.74 | 68.21 | 15.51 | | 150.0 | |
| | | Z | 1.49 | 66.72 | 14.09 | | 150.0 | |
| 10099-DAC | EDGE-FDD (TDMA, 8PSK, TN 0-4) | X | 6.18 | 83.46 | 29.05 | 9.56 | 60.0 | ± 9.6 % |
| | | Y | 6.58 | 85.86 | 30.44 | | 60.0 | |
| | | Z | 6.03 | 82.82 | 28.76 | | 60.0 | |
| 10100-CAD | LTE-FDD (SC-FDMA, 100% RB, 20 MHz, QPSK) | X | 2.72 | 69.08 | 15.98 | 0.00 | 150.0 | ± 9.6 % |
| | | Y | 2.95 | 70.14 | 16.61 | | 150.0 | |
| | | Z | 2.65 | 68.83 | 15.82 | | 150.0 | |
| 10101-CAD | LTE-FDD (SC-FDMA, 100% RB, 20 MHz, 16-QAM) | X | 2.93 | 66.79 | 15.42 | 0.00 | 150.0 | ± 9.6 % |
| | | Y | 3.08 | 67.40 | 15.80 | | 150.0 | |
| | | Z | 2.87 | 66.64 | 15.31 | | 150.0 | |
| 10102-CAD | LTE-FDD (SC-FDMA, 100% RB, 20 MHz, 64-QAM) | X | 3.04 | 66.86 | 15.56 | 0.00 | 150.0 | ± 9.6 % |
| | | Y | 3.19 | 67.42 | 15.91 | | 150.0 | |
| | | Z | 2.98 | 66.71 | 15.46 | | 150.0 | |
| 10103-CAD | LTE-TDD (SC-FDMA, 100% RB, 20 MHz, QPSK) | X | 4.93 | 72.92 | 19.19 | 3.98 | 65.0 | ± 9.6 % |
| | | Y | 5.26 | 74.03 | 19.74 | | 65.0 | |
| | | Z | 4.58 | 71.89 | 18.80 | | 65.0 | |
| 10104-CAD | LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 16-QAM) | X | 5.11 | 71.27 | 19.17 | 3.98 | 65.0 | ± 9.6 % |
| | | Y | 5.30 | 71.90 | 19.52 | | 65.0 | |
| | | Z | 5.01 | 71.07 | 19.11 | | 65.0 | |
| 10105-CAD | LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 64-QAM) | X | 4.77 | 69.77 | 18.78 | 3.98 | 65.0 | ± 9.6 % |
| | | Y | 5.03 | 70.66 | 19.26 | | 65.0 | |
| | | Z | 4.43 | 68.53 | 18.24 | | 65.0 | |
| 10108-CAE | LTE-FDD (SC-FDMA, 100% RB, 10 MHz, QPSK) | X | 2.33 | 68.44 | 15.78 | 0.00 | 150.0 | ± 9.6 % |
| | | Y | 2.54 | 69.44 | 16.43 | | 150.0 | |
| | | Z | 2.26 | 68.22 | 15.60 | | 150.0 | |
| 10109-CAE | LTE-FDD (SC-FDMA, 100% RB, 10 MHz, 16-QAM) | X | 2.56 | 66.71 | 15.19 | 0.00 | 150.0 | ± 9.6 % |
| | | Y | 2.73 | 67.35 | 15.67 | | 150.0 | |
| | | Z | 2.50 | 66.54 | 15.04 | | 150.0 | |
| 10110-CAE | LTE-FDD (SC-FDMA, 100% RB, 5 MHz, QPSK) | X | 1.82 | 67.51 | 15.05 | 0.00 | 150.0 | ± 9.6 % |
| | | Y | 2.03 | 68.62 | 15.91 | | 150.0 | |
| | | Z | 1.75 | 67.24 | 14.78 | | 150.0 | |
| 10111-CAE | LTE-FDD (SC-FDMA, 100% RB, 5 MHz, 16-QAM) | X | 2.27 | 67.71 | 15.18 | 0.00 | 150.0 | ± 9.6 % |
| | | Y | 2.48 | 68.62 | 15.97 | | 150.0 | |
| | | Z | 2.19 | 67.44 | 14.91 | | 150.0 | |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 10112-CAE | LTE-FDD (SC-FDMA, 100% RB, 10 MHz, 64-QAM) | X | 2.69 | 66.83 | 15.30 | 0.00 | 150.0 | ± 9.6 % |
| | | Y | 2.86 | 67.43 | 15.75 | | 150.0 | |
| | | Z | 2.63 | 66.68 | 15.17 | | 150.0 | |
| 10113-CAE | LTE-FDD (SC-FDMA, 100% RB, 5 MHz, 64-QAM) | X | 2.41 | 67.96 | 15.37 | 0.00 | 150.0 | ± 9.6 % |
| | | Y | 2.63 | 68.82 | 16.12 | | 150.0 | |
| | | Z | 2.34 | 67.71 | 15.11 | | 150.0 | |
| 10114-CAC | IEEE 802.11n (HT Greenfield, 13.5 Mbps, BPSK) | X | 4.82 | 66.90 | 16.25 | 0.00 | 150.0 | ± 9.6 % |
| | | Y | 4.93 | 67.13 | 16.33 | | 150.0 | |
| | | Z | 4.78 | 66.85 | 16.23 | | 150.0 | |
| 10115-CAC | IEEE 802.11n (HT Greenfield, 81 Mbps, 16-QAM) | X | 5.06 | 66.97 | 16.28 | 0.00 | 150.0 | ± 9.6 % |
| | | Y | 5.17 | 67.19 | 16.37 | | 150.0 | |
| | | Z | 5.02 | 66.92 | 16.27 | | 150.0 | |
| 10116-CAC | IEEE 802.11n (HT Greenfield, 135 Mbps, 64-QAM) | X | 4.89 | 67.06 | 16.26 | 0.00 | 150.0 | ± 9.6 % |
| | | Y | 5.01 | 67.32 | 16.36 | | 150.0 | |
| | | Z | 4.85 | 67.00 | 16.23 | | 150.0 | |
| 10117-CAC | IEEE 802.11n (HT Mixed, 13.5 Mbps, BPSK) | X | 4.81 | 66.81 | 16.22 | 0.00 | 150.0 | ± 9.6 % |
| | | Y | 4.92 | 67.09 | 16.33 | | 150.0 | |
| | | Z | 4.76 | 66.73 | 16.19 | | 150.0 | |
| 10118-CAC | IEEE 802.11n (HT Mixed, 81 Mbps, 16-QAM) | X | 5.14 | 67.19 | 16.40 | 0.00 | 150.0 | ± 9.6 % |
| | | Y | 5.24 | 67.35 | 16.46 | | 150.0 | |
| | | Z | 5.10 | 67.13 | 16.39 | | 150.0 | |
| 10119-CAC | IEEE 802.11n (HT Mixed, 135 Mbps, 64-QAM) | X | 4.90 | 67.08 | 16.27 | 0.00 | 150.0 | ± 9.6 % |
| | | Y | 5.01 | 67.31 | 16.36 | | 150.0 | |
| | | Z | 4.86 | 67.03 | 16.26 | | 150.0 | |
| 10140-CAD | LTE-FDD (SC-FDMA, 100% RB, 15 MHz, 16-QAM) | X | 3.05 | 66.87 | 15.46 | 0.00 | 150.0 | ± 9.6 % |
| | | Y | 3.21 | 67.43 | 15.82 | | 150.0 | |
| | | Z | 2.99 | 66.72 | 15.35 | | 150.0 | |
| 10141-CAD | LTE-FDD (SC-FDMA, 100% RB, 15 MHz, 64-QAM) | X | 3.18 | 67.08 | 15.69 | 0.00 | 150.0 | ± 9.6 % |
| | | Y | 3.34 | 67.60 | 16.02 | | 150.0 | |
| | | Z | 3.13 | 66.95 | 15.59 | | 150.0 | |
| 10142-CAD | LTE-FDD (SC-FDMA, 100% RB, 3 MHz, QPSK) | X | 1.54 | 66.93 | 13.93 | 0.00 | 150.0 | ± 9.6 % |
| | | Y | 1.80 | 68.60 | 15.30 | | 150.0 | |
| | | Z | 1.45 | 66.43 | 13.44 | | 150.0 | |
| 10143-CAD | LTE-FDD (SC-FDMA, 100% RB, 3 MHz, 16-QAM) | X | 1.95 | 67.19 | 13.68 | 0.00 | 150.0 | ± 9.6 % |
| | | Y | 2.31 | 69.19 | 15.25 | | 150.0 | |
| | | Z | 1.82 | 66.48 | 13.07 | | 150.0 | |
| 10144-CAD | LTE-FDD (SC-FDMA, 100% RB, 3 MHz, 64-QAM) | X | 1.68 | 64.49 | 11.75 | 0.00 | 150.0 | ± 9.6 % |
| | | Y | 1.96 | 66.06 | 13.17 | | 150.0 | |
| | | Z | 1.59 | 63.95 | 11.21 | | 150.0 | |
| 10145-CAE | LTE-FDD (SC-FDMA, 100% RB, 1.4 MHz, QPSK) | X | 0.60 | 60.00 | 6.23 | 0.00 | 150.0 | ± 9.6 % |
| | | Y | 0.81 | 61.91 | 8.55 | | 150.0 | |
| | | Z | 0.56 | 60.00 | 5.77 | | 150.0 | |
| 10146-CAE | LTE-FDD (SC-FDMA, 100% RB, 1.4 MHz, 16-QAM) | X | 0.80 | 59.27 | 5.40 | 0.00 | 150.0 | ± 9.6 % |
| | | Y | 1.09 | 61.29 | 7.29 | | 150.0 | |
| | | Z | 0.82 | 60.00 | 5.60 | | 150.0 | |
| 10147-CAE | LTE-FDD (SC-FDMA, 100% RB, 1.4 MHz, 64-QAM) | X | 0.87 | 60.00 | 5.94 | 0.00 | 150.0 | ± 9.6 % |
| | | Y | 1.16 | 61.79 | 7.66 | | 150.0 | |
| | | Z | 0.83 | 60.00 | 5.66 | | 150.0 | |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 10149-CAD | LTE-FDD (SC-FDMA, 50% RB, 20 MHz, 16-QAM) | X | 2.57 | 66.78 | 15.24 | 0.00 | 150.0 | ± 9.6 % |
| | | Y | 2.74 | 67.43 | 15.72 | | 150.0 | |
| | | Z | 2.51 | 66.62 | 15.10 | | 150.0 | |
| 10150-CAD | LTE-FDD (SC-FDMA, 50% RB, 20 MHz, 64-QAM) | X | 2.70 | 66.90 | 15.35 | 0.00 | 150.0 | ± 9.6 % |
| | | Y | 2.87 | 67.49 | 15.80 | | 150.0 | |
| | | Z | 2.64 | 66.75 | 15.22 | | 150.0 | |
| 10151-CAD | LTE-TDD (SC-FDMA, 50% RB, 20 MHz, QPSK) | X | 5.20 | 75.69 | 20.31 | 3.98 | 65.0 | ± 9.6 % |
| | | Y | 5.52 | 76.67 | 20.86 | | 65.0 | |
| | | Z | 5.11 | 75.61 | 20.30 | | 65.0 | |
| 10152-CAD | LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 16-QAM) | X | 4.61 | 71.04 | 18.56 | 3.98 | 65.0 | ± 9.6 % |
| | | Y | 4.81 | 71.75 | 19.05 | | 65.0 | |
| | | Z | 4.51 | 70.85 | 18.48 | | 65.0 | |
| 10153-CAD | LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 64-QAM) | X | 5.00 | 72.32 | 19.54 | 3.98 | 65.0 | ± 9.6 % |
| | | Y | 5.19 | 72.90 | 19.95 | | 65.0 | |
| | | Z | 4.91 | 72.18 | 19.49 | | 65.0 | |
| 10154-CAE | LTE-FDD (SC-FDMA, 50% RB, 10 MHz, QPSK) | X | 1.86 | 67.89 | 15.29 | 0.00 | 150.0 | ± 9.6 % |
| | | Y | 2.08 | 69.04 | 16.17 | | 150.0 | |
| | | Z | 1.79 | 67.61 | 15.01 | | 150.0 | |
| 10155-CAE | LTE-FDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM) | X | 2.27 | 67.76 | 15.22 | 0.00 | 150.0 | ± 9.6 % |
| | | Y | 2.49 | 68.66 | 16.00 | | 150.0 | |
| | | Z | 2.20 | 67.49 | 14.95 | | 150.0 | |
| 10156-CAE | LTE-FDD (SC-FDMA, 50% RB, 5 MHz, QPSK) | X | 1.32 | 66.12 | 12.94 | 0.00 | 150.0 | ± 9.6 % |
| | | Y | 1.62 | 68.40 | 14.78 | | 150.0 | |
| | | Z | 1.21 | 65.37 | 12.25 | | 150.0 | |
| 10157-CAE | LTE-FDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM) | X | 1.44 | 64.08 | 11.00 | 0.00 | 150.0 | ± 9.6 % |
| | | Y | 1.77 | 66.31 | 12.90 | | 150.0 | |
| | | Z | 1.32 | 63.32 | 10.28 | | 150.0 | |
| 10158-CAE | LTE-FDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM) | X | 2.43 | 68.06 | 15.43 | 0.00 | 150.0 | ± 9.6 % |
| | | Y | 2.64 | 68.91 | 16.18 | | 150.0 | |
| | | Z | 2.35 | 67.80 | 15.18 | | 150.0 | |
| 10159-CAE | LTE-FDD (SC-FDMA, 50% RB, 5 MHz, 64-QAM) | X | 1.49 | 64.29 | 11.15 | 0.00 | 150.0 | ± 9.6 % |
| | | Y | 1.86 | 66.72 | 13.15 | | 150.0 | |
| | | Z | 1.37 | 63.47 | 10.40 | | 150.0 | |
| 10160-CAD | LTE-FDD (SC-FDMA, 50% RB, 15 MHz, QPSK) | X | 2.40 | 68.04 | 15.67 | 0.00 | 150.0 | ± 9.6 % |
| | | Y | 2.57 | 68.70 | 16.20 | | 150.0 | |
| | | Z | 2.35 | 67.89 | 15.52 | | 150.0 | |
| 10161-CAD | LTE-FDD (SC-FDMA, 50% RB, 15 MHz, 16-QAM) | X | 2.58 | 66.83 | 15.17 | 0.00 | 150.0 | ± 9.6 % |
| | | Y | 2.76 | 67.47 | 15.69 | | 150.0 | |
| | | Z | 2.52 | 66.65 | 15.01 | | 150.0 | |
| 10162-CAD | LTE-FDD (SC-FDMA, 50% RB, 15 MHz, 64-QAM) | X | 2.69 | 67.09 | 15.34 | 0.00 | 150.0 | ± 9.6 % |
| | | Y | 2.87 | 67.70 | 15.84 | | 150.0 | |
| | | Z | 2.63 | 66.93 | 15.18 | | 150.0 | |
| 10166-CAE | LTE-FDD (SC-FDMA, 50% RB, 1.4 MHz, QPSK) | X | 3.02 | 68.47 | 18.56 | 3.01 | 150.0 | ± 9.6 % |
| | | Y | 3.28 | 69.67 | 19.13 | | 150.0 | |
| | | Z | 2.95 | 68.38 | 18.56 | | 150.0 | |
| 10167-CAE | LTE-FDD (SC-FDMA, 50% RB, 1.4 MHz, 16-QAM) | X | 3.50 | 70.86 | 18.74 | 3.01 | 150.0 | ± 9.6 % |
| | | Y | 4.10 | 73.43 | 19.89 | | 150.0 | |
| | | Z | 3.40 | 70.66 | 18.68 | | 150.0 | |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 10168-CAE | LTE-FDD (SC-FDMA, 50% RB, 1.4 MHz, 64-QAM) | X | 4.03 | 73.94 | 20.55 | 3.01 | 150.0 | ± 9.6 % |
| | | Y | 4.82 | 76.89 | 21.76 | | 150.0 | |
| | | Z | 3.94 | 73.88 | 20.58 | | 150.0 | |
| 10169-CAD | LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK) | X | 2.46 | 66.78 | 17.74 | 3.01 | 150.0 | ± 9.6 % |
| | | Y | 2.70 | 68.74 | 18.74 | | 150.0 | |
| | | Z | 2.40 | 66.57 | 17.67 | | 150.0 | |
| 10170-CAD | LTE-FDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM) | X | 3.13 | 71.90 | 19.93 | 3.01 | 150.0 | ± 9.6 % |
| | | Y | 4.02 | 77.01 | 22.10 | | 150.0 | |
| | | Z | 3.04 | 71.59 | 19.85 | | 150.0 | |
| 10171-AAD | LTE-FDD (SC-FDMA, 1 RB, 20 MHz, 64-QAM) | X | 2.56 | 67.72 | 16.90 | 3.01 | 150.0 | ± 9.6 % |
| | | Y | 3.05 | 71.26 | 18.53 | | 150.0 | |
| | | Z | 2.48 | 67.35 | 16.74 | | 150.0 | |
| 10172-CAD | LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK) | X | 3.45 | 76.49 | 22.88 | 6.02 | 65.0 | ± 9.6 % |
| | | Y | 4.20 | 81.33 | 25.11 | | 65.0 | |
| | | Z | 2.96 | 73.93 | 21.94 | | 65.0 | |
| 10173-CAD | LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM) | X | 5.68 | 83.32 | 23.55 | 6.02 | 65.0 | ± 9.6 % |
| | | Y | 11.31 | 96.53 | 28.08 | | 65.0 | |
| | | Z | 5.57 | 83.33 | 23.66 | | 65.0 | |
| 10174-CAD | LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 64-QAM) | X | 3.51 | 74.90 | 19.90 | 6.02 | 65.0 | ± 9.6 % |
| | | Y | 6.94 | 87.20 | 24.49 | | 65.0 | |
| | | Z | 3.17 | 73.63 | 19.53 | | 65.0 | |
| 10175-CAE | LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK) | X | 2.43 | 66.48 | 17.48 | 3.01 | 150.0 | ± 9.6 % |
| | | Y | 2.66 | 68.40 | 18.47 | | 150.0 | |
| | | Z | 2.37 | 66.26 | 17.40 | | 150.0 | |
| 10176-CAE | LTE-FDD (SC-FDMA, 1 RB, 10 MHz, 16-QAM) | X | 3.14 | 71.92 | 19.94 | 3.01 | 150.0 | ± 9.6 % |
| | | Y | 4.02 | 77.04 | 22.11 | | 150.0 | |
| | | Z | 3.04 | 71.61 | 19.86 | | 150.0 | |
| 10177-CAG | LTE-FDD (SC-FDMA, 1 RB, 5 MHz, QPSK) | X | 2.45 | 66.60 | 17.56 | 3.01 | 150.0 | ± 9.6 % |
| | | Y | 2.68 | 68.55 | 18.56 | | 150.0 | |
| | | Z | 2.39 | 66.38 | 17.49 | | 150.0 | |
| 10178-CAE | LTE-FDD (SC-FDMA, 1 RB, 5 MHz, 16-QAM) | X | 3.12 | 71.76 | 19.84 | 3.01 | 150.0 | ± 9.6 % |
| | | Y | 3.98 | 76.80 | 21.99 | | 150.0 | |
| | | Z | 3.02 | 71.45 | 19.76 | | 150.0 | |
| 10179-CAE | LTE-FDD (SC-FDMA, 1 RB, 10 MHz, 64-QAM) | X | 2.80 | 69.61 | 18.24 | 3.01 | 150.0 | ± 9.6 % |
| | | Y | 3.47 | 73.90 | 20.14 | | 150.0 | |
| | | Z | 2.71 | 69.24 | 18.10 | | 150.0 | |
| 10180-CAE | LTE-FDD (SC-FDMA, 1 RB, 5 MHz, 64-QAM) | X | 2.56 | 67.69 | 16.87 | 3.01 | 150.0 | ± 9.6 % |
| | | Y | 3.04 | 71.19 | 18.49 | | 150.0 | |
| | | Z | 2.47 | 67.32 | 16.71 | | 150.0 | |
| 10181-CAD | LTE-FDD (SC-FDMA, 1 RB, 15 MHz, QPSK) | X | 2.44 | 66.59 | 17.55 | 3.01 | 150.0 | ± 9.6 % |
| | | Y | 2.68 | 68.53 | 18.55 | | 150.0 | |
| | | Z | 2.39 | 66.37 | 17.48 | | 150.0 | |
| 10182-CAD | LTE-FDD (SC-FDMA, 1 RB, 15 MHz, 16-QAM) | X | 3.11 | 71.74 | 19.83 | 3.01 | 150.0 | ± 9.6 % |
| | | Y | 3.97 | 76.76 | 21.97 | | 150.0 | |
| | | Z | 3.02 | 71.42 | 19.75 | | 150.0 | |
| 10183-AAC | LTE-FDD (SC-FDMA, 1 RB, 15 MHz, 64-QAM) | X | 2.55 | 67.67 | 16.86 | 3.01 | 150.0 | ± 9.6 % |
| | | Y | 3.04 | 71.17 | 18.47 | | 150.0 | |
| | | Z | 2.47 | 67.30 | 16.70 | | 150.0 | |

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|---|---|---|---|---|---|---|---|---|
| 10184-CAD | LTE-FDD (SC-FDMA, 1 RB, 3 MHz, QPSK) | X | 2.45 | 66.62 | 17.57 | 3.01 | 150.0 | ± 9.6 % |
| | | Y | 2.69 | 68.58 | 18.58 | | 150.0 | |
| | | Z | 2.39 | 66.41 | 17.50 | | 150.0 | |
| 10185-CAD | LTE-FDD (SC-FDMA, 1 RB, 3 MHz, 16-QAM) | X | 3.13 | 71.81 | 19.87 | 3.01 | 150.0 | ± 9.6 % |
| | | Y | 4.00 | 76.86 | 22.02 | | 150.0 | |
| | | Z | 3.03 | 71.50 | 19.79 | | 150.0 | |
| 10186-AAD | LTE-FDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM) | X | 2.56 | 67.72 | 16.89 | 3.01 | 150.0 | ± 9.6 % |
| | | Y | 3.05 | 71.24 | 18.51 | | 150.0 | |
| | | Z | 2.48 | 67.35 | 16.73 | | 150.0 | |
| 10187-CAE | LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, QPSK) | X | 2.46 | 66.71 | 17.66 | 3.01 | 150.0 | ± 9.6 % |
| | | Y | 2.70 | 68.66 | 18.66 | | 150.0 | |
| | | Z | 2.40 | 66.49 | 17.59 | | 150.0 | |
| 10188-CAE | LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM) | X | 3.22 | 72.44 | 20.27 | 3.01 | 150.0 | ± 9.6 % |
| | | Y | 4.17 | 77.76 | 22.50 | | 150.0 | |
| | | Z | 3.12 | 72.15 | 20.20 | | 150.0 | |
| 10189-AAE | LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM) | X | 2.61 | 68.09 | 17.16 | 3.01 | 150.0 | ± 9.6 % |
| | | Y | 3.14 | 71.76 | 18.84 | | 150.0 | |
| | | Z | 2.53 | 67.71 | 17.00 | | 150.0 | |
| 10193-CAC | IEEE 802.11n (HT Greenfield, 6.5 Mbps, BPSK) | X | 4.21 | 66.53 | 15.88 | 0.00 | 150.0 | ± 9.6 % |
| | | Y | 4.34 | 66.78 | 16.05 | | 150.0 | |
| | | Z | 4.16 | 66.46 | 15.83 | | 150.0 | |
| 10194-CAC | IEEE 802.11n (HT Greenfield, 39 Mbps, 16-QAM) | X | 4.35 | 66.75 | 16.02 | 0.00 | 150.0 | ± 9.6 % |
| | | Y | 4.49 | 67.03 | 16.18 | | 150.0 | |
| | | Z | 4.30 | 66.68 | 15.98 | | 150.0 | |
| 10195-CAC | IEEE 802.11n (HT Greenfield, 65 Mbps, 64-QAM) | X | 4.38 | 66.77 | 16.04 | 0.00 | 150.0 | ± 9.6 % |
| | | Y | 4.52 | 67.05 | 16.20 | | 150.0 | |
| | | Z | 4.33 | 66.69 | 15.99 | | 150.0 | |
| 10196-CAC | IEEE 802.11n (HT Mixed, 6.5 Mbps, BPSK) | X | 4.20 | 66.52 | 15.86 | 0.00 | 150.0 | ± 9.6 % |
| | | Y | 4.33 | 66.79 | 16.05 | | 150.0 | |
| | | Z | 4.14 | 66.44 | 15.81 | | 150.0 | |
| 10197-CAC | IEEE 802.11n (HT Mixed, 39 Mbps, 16-QAM) | X | 4.36 | 66.76 | 16.03 | 0.00 | 150.0 | ± 9.6 % |
| | | Y | 4.50 | 67.03 | 16.19 | | 150.0 | |
| | | Z | 4.30 | 66.68 | 15.98 | | 150.0 | |
| 10198-CAC | IEEE 802.11n (HT Mixed, 65 Mbps, 64-QAM) | X | 4.37 | 66.76 | 16.04 | 0.00 | 150.0 | ± 9.6 % |
| | | Y | 4.52 | 67.05 | 16.20 | | 150.0 | |
| | | Z | 4.32 | 66.68 | 15.99 | | 150.0 | |
| 10219-CAC | IEEE 802.11n (HT Mixed, 7.2 Mbps, BPSK) | X | 4.15 | 66.55 | 15.83 | 0.00 | 150.0 | ± 9.6 % |
| | | Y | 4.28 | 66.82 | 16.02 | | 150.0 | |
| | | Z | 4.10 | 66.48 | 15.78 | | 150.0 | |
| 10220-CAC | IEEE 802.11n (HT Mixed, 43.3 Mbps, 16-QAM) | X | 4.35 | 66.72 | 16.02 | 0.00 | 150.0 | ± 9.6 % |
| | | Y | 4.49 | 67.00 | 16.18 | | 150.0 | |
| | | Z | 4.29 | 66.64 | 15.97 | | 150.0 | |
| 10221-CAC | IEEE 802.11n (HT Mixed, 72.2 Mbps, 64-QAM) | X | 4.39 | 66.72 | 16.03 | 0.00 | 150.0 | ± 9.6 % |
| | | Y | 4.53 | 66.99 | 16.19 | | 150.0 | |
| | | Z | 4.34 | 66.64 | 15.98 | | 150.0 | |
| 10222-CAC | IEEE 802.11n (HT Mixed, 15 Mbps, BPSK) | X | 4.78 | 66.81 | 16.21 | 0.00 | 150.0 | ± 9.6 % |
| | | Y | 4.89 | 67.06 | 16.31 | | 150.0 | |
| | | Z | 4.74 | 66.74 | 16.18 | | 150.0 | |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 10223-CAC | IEEE 802.11n (HT Mixed, 90 Mbps, 16-QAM) | X | 5.03 | 66.98 | 16.31 | 0.00 | 150.0 | ± 9.6 % |
| | | Y | 5.16 | 67.24 | 16.41 | | 150.0 | |
| | | Z | 4.98 | 66.89 | 16.28 | | 150.0 | |
| 10224-CAC | IEEE 802.11n (HT Mixed, 150 Mbps, 64-QAM) | X | 4.82 | 66.93 | 16.19 | 0.00 | 150.0 | ± 9.6 % |
| | | Y | 4.93 | 67.18 | 16.30 | | 150.0 | |
| | | Z | 4.78 | 66.86 | 16.17 | | 150.0 | |
| 10225-CAB | UMTS-FDD (HSPA+) | X | 2.45 | 65.62 | 14.27 | 0.00 | 150.0 | ± 9.6 % |
| | | Y | 2.63 | 66.27 | 14.92 | | 150.0 | |
| | | Z | 2.39 | 65.42 | 14.03 | | 150.0 | |
| 10226-CAA | LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM) | X | 6.07 | 84.56 | 24.09 | 6.02 | 65.0 | ± 9.6 % |
| | | Y | 12.65 | 98.67 | 28.84 | | 65.0 | |
| | | Z | 5.97 | 84.66 | 24.24 | | 65.0 | |
| 10227-CAA | LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM) | X | 5.87 | 83.00 | 22.87 | 6.02 | 65.0 | ± 9.6 % |
| | | Y | 12.29 | 96.38 | 27.35 | | 65.0 | |
| | | Z | 5.76 | 83.06 | 23.00 | | 65.0 | |
| 10228-CAA | LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, QPSK) | X | 4.24 | 80.81 | 24.67 | 6.02 | 65.0 | ± 9.6 % |
| | | Y | 5.23 | 85.76 | 26.81 | | 65.0 | |
| | | Z | 4.17 | 80.87 | 24.82 | | 65.0 | |
| 10229-CAB | LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 16-QAM) | X | 5.73 | 83.43 | 23.60 | 6.02 | 65.0 | ± 9.6 % |
| | | Y | 11.43 | 96.70 | 28.14 | | 65.0 | |
| | | Z | 5.61 | 83.44 | 23.71 | | 65.0 | |
| 10230-CAB | LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM) | X | 5.50 | 81.87 | 22.40 | 6.02 | 65.0 | ± 9.6 % |
| | | Y | 10.99 | 94.40 | 26.66 | | 65.0 | |
| | | Z | 5.38 | 81.86 | 22.49 | | 65.0 | |
| 10231-CAB | LTE-TDD (SC-FDMA, 1 RB, 3 MHz, QPSK) | X | 4.08 | 79.97 | 24.26 | 6.02 | 65.0 | ± 9.6 % |
| | | Y | 5.00 | 84.80 | 26.37 | | 65.0 | |
| | | Z | 4.00 | 79.97 | 24.38 | | 65.0 | |
| 10232-CAD | LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 16-QAM) | X | 5.72 | 83.41 | 23.59 | 6.02 | 65.0 | ± 9.6 % |
| | | Y | 11.41 | 96.67 | 28.13 | | 65.0 | |
| | | Z | 5.60 | 83.42 | 23.71 | | 65.0 | |
| 10233-CAD | LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 64-QAM) | X | 5.49 | 81.84 | 22.39 | 6.02 | 65.0 | ± 9.6 % |
| | | Y | 10.94 | 94.34 | 26.65 | | 65.0 | |
| | | Z | 5.36 | 81.82 | 22.48 | | 65.0 | |
| 10234-CAD | LTE-TDD (SC-FDMA, 1 RB, 5 MHz, QPSK) | X | 3.95 | 79.28 | 23.86 | 6.02 | 65.0 | ± 9.6 % |
| | | Y | 4.83 | 84.00 | 25.95 | | 65.0 | |
| | | Z | 3.87 | 79.25 | 23.96 | | 65.0 | |
| 10235-CAD | LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 16-QAM) | X | 5.72 | 83.43 | 23.60 | 6.02 | 65.0 | ± 9.6 % |
| | | Y | 11.42 | 96.72 | 28.15 | | 65.0 | |
| | | Z | 5.61 | 83.45 | 23.72 | | 65.0 | |
| 10236-CAD | LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 64-QAM) | X | 5.54 | 81.96 | 22.42 | 6.02 | 65.0 | ± 9.6 % |
| | | Y | 11.12 | 94.57 | 26.71 | | 65.0 | |
| | | Z | 5.42 | 81.94 | 22.52 | | 65.0 | |
| 10237-CAD | LTE-TDD (SC-FDMA, 1 RB, 10 MHz, QPSK) | X | 4.07 | 79.98 | 24.27 | 6.02 | 65.0 | ± 9.6 % |
| | | Y | 5.00 | 84.82 | 26.39 | | 65.0 | |
| | | Z | 3.99 | 79.98 | 24.39 | | 65.0 | |
| 10238-CAD | LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 16-QAM) | X | 5.70 | 83.38 | 23.58 | 6.02 | 65.0 | ± 9.6 % |
| | | Y | 11.37 | 96.64 | 28.12 | | 65.0 | |
| | | Z | 5.59 | 83.39 | 23.69 | | 65.0 | |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 10239-CAD | LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 64-QAM) | X | 5.47 | 81.80 | 22.37 | 6.02 | 65.0 | ± 9.6 % |
| | | Y | 10.88 | 94.28 | 26.63 | | 65.0 | |
| | | Z | 5.35 | 81.78 | 22.47 | | 65.0 | |
| 10240-CAD | LTE-TDD (SC-FDMA, 1 RB, 15 MHz, QPSK) | X | 4.07 | 79.96 | 24.26 | 6.02 | 65.0 | ± 9.6 % |
| | | Y | 4.99 | 84.79 | 26.38 | | 65.0 | |
| | | Z | 3.99 | 79.96 | 24.38 | | 65.0 | |
| 10241-CAA | LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 16-QAM) | X | 6.35 | 78.70 | 24.11 | 6.98 | 65.0 | ± 9.6 % |
| | | Y | 6.91 | 80.72 | 25.10 | | 65.0 | |
| | | Z | 6.27 | 78.74 | 24.19 | | 65.0 | |
| 10242-CAA | LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 64-QAM) | X | 5.57 | 76.13 | 22.96 | 6.98 | 65.0 | ± 9.6 % |
| | | Y | 6.08 | 78.17 | 23.98 | | 65.0 | |
| | | Z | 5.05 | 74.44 | 22.31 | | 65.0 | |
| 10243-CAA | LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, QPSK) | X | 4.72 | 73.18 | 22.56 | 6.98 | 65.0 | ± 9.6 % |
| | | Y | 4.94 | 74.18 | 23.15 | | 65.0 | |
| | | Z | 4.31 | 71.50 | 21.84 | | 65.0 | |
| 10244-CAB | LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 16-QAM) | X | 2.96 | 66.55 | 12.41 | 3.98 | 65.0 | ± 9.6 % |
| | | Y | 3.69 | 69.77 | 14.47 | | 65.0 | |
| | | Z | 2.79 | 65.91 | 11.95 | | 65.0 | |
| 10245-CAB | LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 64-QAM) | X | 2.91 | 66.15 | 12.16 | 3.98 | 65.0 | ± 9.6 % |
| | | Y | 3.59 | 69.13 | 14.12 | | 65.0 | |
| | | Z | 2.75 | 65.53 | 11.70 | | 65.0 | |
| 10246-CAB | LTE-TDD (SC-FDMA, 50% RB, 3 MHz, QPSK) | X | 2.67 | 68.55 | 13.80 | 3.98 | 65.0 | ± 9.6 % |
| | | Y | 3.49 | 72.60 | 16.33 | | 65.0 | |
| | | Z | 2.46 | 67.57 | 13.14 | | 65.0 | |
| 10247-CAD | LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM) | X | 3.27 | 68.31 | 14.54 | 3.98 | 65.0 | ± 9.6 % |
| | | Y | 3.73 | 70.43 | 16.12 | | 65.0 | |
| | | Z | 3.12 | 67.72 | 14.10 | | 65.0 | |
| 10248-CAD | LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 64-QAM) | X | 3.26 | 67.83 | 14.30 | 3.98 | 65.0 | ± 9.6 % |
| | | Y | 3.69 | 69.80 | 15.81 | | 65.0 | |
| | | Z | 3.11 | 67.27 | 13.88 | | 65.0 | |
| 10249-CAD | LTE-TDD (SC-FDMA, 50% RB, 5 MHz, QPSK) | X | 4.07 | 74.78 | 17.96 | 3.98 | 65.0 | ± 9.6 % |
| | | Y | 4.92 | 78.09 | 19.87 | | 65.0 | |
| | | Z | 3.87 | 74.17 | 17.56 | | 65.0 | |
| 10250-CAD | LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM) | X | 4.57 | 73.26 | 19.23 | 3.98 | 65.0 | ± 9.6 % |
| | | Y | 4.82 | 74.14 | 19.92 | | 65.0 | |
| | | Z | 4.48 | 73.13 | 19.13 | | 65.0 | |
| 10251-CAD | LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM) | X | 4.26 | 70.84 | 17.71 | 3.98 | 65.0 | ± 9.6 % |
| | | Y | 4.54 | 71.85 | 18.49 | | 65.0 | |
| | | Z | 4.15 | 70.58 | 17.53 | | 65.0 | |
| 10252-CAD | LTE-TDD (SC-FDMA, 50% RB, 10 MHz, QPSK) | X | 5.07 | 77.67 | 20.79 | 3.98 | 65.0 | ± 9.6 % |
| | | Y | 5.49 | 79.08 | 21.65 | | 65.0 | |
| | | Z | 4.98 | 77.64 | 20.75 | | 65.0 | |
| 10253-CAD | LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 16-QAM) | X | 4.55 | 70.71 | 18.29 | 3.98 | 65.0 | ± 9.6 % |
| | | Y | 4.75 | 71.39 | 18.80 | | 65.0 | |
| | | Z | 4.46 | 70.52 | 18.18 | | 65.0 | |
| 10254-CAD | LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 64-QAM) | X | 4.88 | 71.79 | 19.11 | 3.98 | 65.0 | ± 9.6 % |
| | | Y | 5.08 | 72.38 | 19.57 | | 65.0 | |
| | | Z | 4.79 | 71.64 | 19.03 | | 65.0 | |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 10255-CAD | LTE-TDD (SC-FDMA, 50% RB, 15 MHz, QPSK) | X | 4.98 | 75.10 | 20.19 | 3.98 | 65.0 | ± 9.6 % |
| | | Y | 5.25 | 75.95 | 20.73 | | 65.0 | |
| | | Z | 4.89 | 75.02 | 20.17 | | 65.0 | |
| 10256-CAA | LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 16-QAM) | X | 2.13 | 62.87 | 9.22 | 3.98 | 65.0 | ± 9.6 % |
| | | Y | 2.52 | 64.91 | 10.84 | | 65.0 | |
| | | Z | 2.02 | 62.37 | 8.79 | | 65.0 | |
| 10257-CAA | LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 64-QAM) | X | 2.12 | 62.55 | 8.96 | 3.98 | 65.0 | ± 9.6 % |
| | | Y | 2.48 | 64.41 | 10.48 | | 65.0 | |
| | | Z | 2.01 | 62.08 | 8.53 | | 65.0 | |
| 10258-CAA | LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, QPSK) | X | 1.84 | 63.71 | 10.17 | 3.98 | 65.0 | ± 9.6 % |
| | | Y | 2.32 | 66.67 | 12.46 | | 65.0 | |
| | | Z | 1.71 | 62.95 | 9.53 | | 65.0 | |
| 10259-CAB | LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 16-QAM) | X | 3.77 | 70.27 | 16.30 | 3.98 | 65.0 | ± 9.6 % |
| | | Y | 4.18 | 71.99 | 17.58 | | 65.0 | |
| | | Z | 3.63 | 69.83 | 15.97 | | 65.0 | |
| 10260-CAB | LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 64-QAM) | X | 3.80 | 70.03 | 16.19 | 3.98 | 65.0 | ± 9.6 % |
| | | Y | 4.20 | 71.70 | 17.44 | | 65.0 | |
| | | Z | 3.66 | 69.59 | 15.86 | | 65.0 | |
| 10261-CAB | LTE-TDD (SC-FDMA, 100% RB, 3 MHz, QPSK) | X | 4.33 | 75.45 | 18.88 | 3.98 | 65.0 | ± 9.6 % |
| | | Y | 4.93 | 77.76 | 20.30 | | 65.0 | |
| | | Z | 4.19 | 75.10 | 18.64 | | 65.0 | |
| 10262-CAD | LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 16-QAM) | X | 4.55 | 73.17 | 19.17 | 3.98 | 65.0 | ± 9.6 % |
| | | Y | 4.80 | 74.06 | 19.86 | | 65.0 | |
| | | Z | 4.46 | 73.02 | 19.06 | | 65.0 | |
| 10263-CAD | LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 64-QAM) | X | 4.26 | 70.83 | 17.70 | 3.98 | 65.0 | ± 9.6 % |
| | | Y | 4.53 | 71.83 | 18.48 | | 65.0 | |
| | | Z | 4.15 | 70.57 | 17.53 | | 65.0 | |
| 10264-CAD | LTE-TDD (SC-FDMA, 100% RB, 5 MHz, QPSK) | X | 5.00 | 77.43 | 20.66 | 3.98 | 65.0 | ± 9.6 % |
| | | Y | 5.43 | 78.85 | 21.54 | | 65.0 | |
| | | Z | 4.92 | 77.38 | 20.62 | | 65.0 | |
| 10265-CAD | LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 16-QAM) | X | 4.61 | 71.04 | 18.57 | 3.98 | 65.0 | ± 9.6 % |
| | | Y | 4.81 | 71.75 | 19.06 | | 65.0 | |
| | | Z | 4.51 | 70.85 | 18.48 | | 65.0 | |
| 10266-CAD | LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 64-QAM) | X | 4.99 | 72.30 | 19.53 | 3.98 | 65.0 | ± 9.6 % |
| | | Y | 5.19 | 72.89 | 19.93 | | 65.0 | |
| | | Z | 4.90 | 72.16 | 19.48 | | 65.0 | |
| 10267-CAD | LTE-TDD (SC-FDMA, 100% RB, 10 MHz, QPSK) | X | 5.19 | 75.64 | 20.29 | 3.98 | 65.0 | ± 9.6 % |
| | | Y | 5.51 | 76.62 | 20.84 | | 65.0 | |
| | | Z | 5.10 | 75.56 | 20.27 | | 65.0 | |
| 10268-CAD | LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 16-QAM) | X | 5.29 | 71.37 | 19.30 | 3.98 | 65.0 | ± 9.6 % |
| | | Y | 5.47 | 71.91 | 19.61 | | 65.0 | |
| | | Z | 5.19 | 71.19 | 19.25 | | 65.0 | |
| 10269-CAD | LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 64-QAM) | X | 5.31 | 71.06 | 19.19 | 3.98 | 65.0 | ± 9.6 % |
| | | Y | 5.49 | 71.57 | 19.50 | | 65.0 | |
| | | Z | 5.22 | 70.89 | 19.14 | | 65.0 | |
| 10270-CAD | LTE-TDD (SC-FDMA, 100% RB, 15 MHz, QPSK) | X | 5.30 | 73.47 | 19.61 | 3.98 | 65.0 | ± 9.6 % |
| | | Y | 5.53 | 74.17 | 19.99 | | 65.0 | |
| | | Z | 5.20 | 73.35 | 19.60 | | 65.0 | |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 10274-CAB | UMTS-FDD (HSUPA, Subtest 5, 3GPP Rel8.10) | X | 2.29 | 66.13 | 14.25 | 0.00 | 150.0 | ± 9.6 % |
| | | Y | 2.47 | 66.83 | 14.96 | | 150.0 | |
| | | Z | 2.23 | 65.91 | 14.00 | | 150.0 | |
| 10275-CAB | UMTS-FDD (HSUPA, Subtest 5, 3GPP Rel8.4) | X | 1.32 | 66.59 | 14.10 | 0.00 | 150.0 | ± 9.6 % |
| | | Y | 1.51 | 67.98 | 15.28 | | 150.0 | |
| | | Z | 1.26 | 66.25 | 13.73 | | 150.0 | |
| 10277-CAA | PHS (QPSK) | X | 1.63 | 59.43 | 4.89 | 9.03 | 50.0 | ± 9.6 % |
| | | Y | 1.57 | 59.68 | 5.07 | | 50.0 | |
| | | Z | 1.63 | 59.29 | 4.78 | | 50.0 | |
| 10278-CAA | PHS (QPSK, BW 884MHz, Rolloff 0.5) | X | 2.63 | 63.98 | 9.72 | 9.03 | 50.0 | ± 9.6 % |
| | | Y | 2.84 | 65.76 | 10.99 | | 50.0 | |
| | | Z | 2.58 | 63.60 | 9.43 | | 50.0 | |
| 10279-CAA | PHS (QPSK, BW 884MHz, Rolloff 0.38) | X | 2.69 | 64.16 | 9.88 | 9.03 | 50.0 | ± 9.6 % |
| | | Y | 2.92 | 66.02 | 11.18 | | 50.0 | |
| | | Z | 2.64 | 63.76 | 9.57 | | 50.0 | |
| 10290-AAB | CDMA2000, RC1, SO55, Full Rate | X | 0.62 | 61.39 | 7.67 | 0.00 | 150.0 | ± 9.6 % |
| | | Y | 1.02 | 65.94 | 11.36 | | 150.0 | |
| | | Z | 0.51 | 60.05 | 6.35 | | 150.0 | |
| 10291-AAB | CDMA2000, RC3, SO55, Full Rate | X | 0.38 | 60.00 | 6.37 | 0.00 | 150.0 | ± 9.6 % |
| | | Y | 0.63 | 63.98 | 10.19 | | 150.0 | |
| | | Z | 0.35 | 60.00 | 5.71 | | 150.0 | |
| 10292-AAB | CDMA2000, RC3, SO32, Full Rate | X | 0.41 | 61.21 | 7.36 | 0.00 | 150.0 | ± 9.6 % |
| | | Y | 0.90 | 68.94 | 12.97 | | 150.0 | |
| | | Z | 0.33 | 60.00 | 5.92 | | 150.0 | |
| 10293-AAB | CDMA2000, RC3, SO3, Full Rate | X | 0.57 | 64.08 | 9.36 | 0.00 | 150.0 | ± 9.6 % |
| | | Y | 2.52 | 81.69 | 18.32 | | 150.0 | |
| | | Z | 0.38 | 60.78 | 6.83 | | 150.0 | |
| 10295-AAB | CDMA2000, RC1, SO3, 1/8th Rate 25 fr. | X | 11.92 | 85.30 | 21.36 | 9.03 | 50.0 | ± 9.6 % |
| | | Y | 11.21 | 86.84 | 22.82 | | 50.0 | |
| | | Z | 13.11 | 85.98 | 21.32 | | 50.0 | |
| 10297-AAC | LTE-FDD (SC-FDMA, 50% RB, 20 MHz, QPSK) | X | 2.34 | 68.56 | 15.85 | 0.00 | 150.0 | ± 9.6 % |
| | | Y | 2.56 | 69.55 | 16.50 | | 150.0 | |
| | | Z | 2.28 | 68.33 | 15.67 | | 150.0 | |
| 10298-AAC | LTE-FDD (SC-FDMA, 50% RB, 3 MHz, QPSK) | X | 0.86 | 62.32 | 9.15 | 0.00 | 150.0 | ± 9.6 % |
| | | Y | 1.20 | 65.61 | 11.95 | | 150.0 | |
| | | Z | 0.75 | 61.28 | 8.12 | | 150.0 | |
| 10299-AAC | LTE-FDD (SC-FDMA, 50% RB, 3 MHz, 16-QAM) | X | 1.21 | 62.02 | 8.36 | 0.00 | 150.0 | ± 9.6 % |
| | | Y | 1.74 | 65.45 | 10.76 | | 150.0 | |
| | | Z | 1.09 | 61.22 | 7.63 | | 150.0 | |
| 10300-AAC | LTE-FDD (SC-FDMA, 50% RB, 3 MHz, 64-QAM) | X | 1.03 | 60.25 | 6.69 | 0.00 | 150.0 | ± 9.6 % |
| | | Y | 1.33 | 62.10 | 8.32 | | 150.0 | |
| | | Z | 0.96 | 60.00 | 6.29 | | 150.0 | |
| 10301-AAA | IEEE 802.16e WiMAX (29:18, 5ms, 10MHz, QPSK, PUSC) | X | 4.31 | 65.34 | 16.95 | 4.17 | 50.0 | ± 9.6 % |
| | | Y | 4.42 | 65.42 | 17.16 | | 50.0 | |
| | | Z | 4.15 | 64.84 | 16.65 | | 50.0 | |
| 10302-AAA | IEEE 802.16e WiMAX (29:18, 5ms, 10MHz, QPSK, PUSC, 3 CTRL symbols) | X | 4.74 | 65.66 | 17.50 | 4.96 | 50.0 | ± 9.6 % |
| | | Y | 4.82 | 65.69 | 17.68 | | 50.0 | |
| | | Z | 4.80 | 66.29 | 17.83 | | 50.0 | |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 10303-AAA | IEEE 802.16e WiMAX (31:15, 5ms, 10MHz, 64QAM, PUSC) | X | 4.57 | 65.85 | 17.64 | 4.96 | 50.0 | ± 9.6 % |
| | | Y | 4.58 | 65.30 | 17.47 | | 50.0 | |
| | | Z | 4.58 | 66.05 | 17.67 | | 50.0 | |
| 10304-AAA | IEEE 802.16e WiMAX (29:18, 5ms, 10MHz, 64QAM, PUSC) | X | 4.33 | 65.25 | 16.84 | 4.17 | 50.0 | ± 9.6 % |
| | | Y | 4.41 | 65.29 | 17.04 | | 50.0 | |
| | | Z | 4.30 | 65.25 | 16.76 | | 50.0 | |
| 10305-AAA | IEEE 802.16e WiMAX (31:15, 10ms, 10MHz, 64QAM, PUSC, 15 symbols) | X | 4.08 | 67.52 | 18.43 | 6.02 | 35.0 | ± 9.6 % |
| | | Y | 3.93 | 66.47 | 18.38 | | 35.0 | |
| | | Z | 4.17 | 68.07 | 18.49 | | 35.0 | |
| 10306-AAA | IEEE 802.16e WiMAX (29:18, 10ms, 10MHz, 64QAM, PUSC, 18 symbols) | X | 4.35 | 66.53 | 18.33 | 6.02 | 35.0 | ± 9.6 % |
| | | Y | 4.30 | 65.84 | 18.28 | | 35.0 | |
| | | Z | 4.40 | 66.91 | 18.39 | | 35.0 | |
| 10307-AAA | IEEE 802.16e WiMAX (29:18, 10ms, 10MHz, QPSK, PUSC, 18 symbols) | X | 4.24 | 66.57 | 18.22 | 6.02 | 35.0 | ± 9.6 % |
| | | Y | 4.18 | 65.84 | 18.17 | | 35.0 | |
| | | Z | 4.29 | 66.97 | 18.28 | | 35.0 | |
| 10308-AAA | IEEE 802.16e WiMAX (29:18, 10ms, 10MHz, 16QAM, PUSC) | X | 4.22 | 66.79 | 18.37 | 6.02 | 35.0 | ± 9.6 % |
| | | Y | 4.15 | 66.02 | 18.31 | | 35.0 | |
| | | Z | 4.28 | 67.22 | 18.44 | | 35.0 | |
| 10309-AAA | IEEE 802.16e WiMAX (29:18, 10ms, 10MHz, 16QAM, AMC 2x3, 18 symbols) | X | 4.36 | 66.58 | 18.41 | 6.02 | 35.0 | ± 9.6 % |
| | | Y | 4.32 | 65.92 | 18.37 | | 35.0 | |
| | | Z | 4.41 | 66.96 | 18.47 | | 35.0 | |
| 10310-AAA | IEEE 802.16e WiMAX (29:18, 10ms, 10MHz, QPSK, AMC 2x3, 18 symbols) | X | 4.31 | 66.61 | 18.32 | 6.02 | 35.0 | ± 9.6 % |
| | | Y | 4.25 | 65.87 | 18.26 | | 35.0 | |
| | | Z | 4.36 | 67.01 | 18.39 | | 35.0 | |
| 10311-AAC | LTE-FDD (SC-FDMA, 100% RB, 15 MHz, QPSK) | X | 2.69 | 67.81 | 15.59 | 0.00 | 150.0 | ± 9.6 % |
| | | Y | 2.92 | 68.81 | 16.17 | | 150.0 | |
| | | Z | 2.63 | 67.57 | 15.43 | | 150.0 | |
| 10313-AAA | iDEN 1:3 | X | 2.12 | 67.66 | 13.16 | 6.99 | 70.0 | ± 9.6 % |
| | | Y | 2.57 | 70.78 | 14.98 | | 70.0 | |
| | | Z | 1.99 | 66.93 | 12.72 | | 70.0 | |
| 10314-AAA | iDEN 1:6 | X | 3.63 | 75.52 | 19.12 | 10.00 | 30.0 | ± 9.6 % |
| | | Y | 4.61 | 80.73 | 21.71 | | 30.0 | |
| | | Z | 3.57 | 74.98 | 18.73 | | 30.0 | |
| 10315-AAB | IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps, 96pc duty cycle) | X | 0.94 | 62.92 | 14.24 | 0.17 | 150.0 | ± 9.6 % |
| | | Y | 1.03 | 63.65 | 14.93 | | 150.0 | |
| | | Z | 0.90 | 62.74 | 14.06 | | 150.0 | |
| 10316-AAB | IEEE 802.11g WiFi 2.4 GHz (ERP-OFDM, 6 Mbps, 96pc duty cycle) | X | 4.24 | 66.44 | 15.96 | 0.17 | 150.0 | ± 9.6 % |
| | | Y | 4.37 | 66.70 | 16.12 | | 150.0 | |
| | | Z | 4.19 | 66.38 | 15.93 | | 150.0 | |
| 10317-AAC | IEEE 802.11a WiFi 5 GHz (OFDM, 6 Mbps, 96pc duty cycle) | X | 4.24 | 66.44 | 15.96 | 0.17 | 150.0 | ± 9.6 % |
| | | Y | 4.37 | 66.70 | 16.12 | | 150.0 | |
| | | Z | 4.19 | 66.38 | 15.93 | | 150.0 | |
| 10400-AAD | IEEE 802.11ac WiFi (20MHz, 64-QAM, 99pc duty cycle) | X | 4.30 | 66.72 | 15.98 | 0.00 | 150.0 | ± 9.6 % |
| | | Y | 4.45 | 67.02 | 16.15 | | 150.0 | |
| | | Z | 4.24 | 66.64 | 15.93 | | 150.0 | |
| 10401-AAD | IEEE 802.11ac WiFi (40MHz, 64-QAM, 99pc duty cycle) | X | 4.98 | 66.55 | 16.05 | 0.00 | 150.0 | ± 9.6 % |
| | | Y | 5.10 | 66.85 | 16.17 | | 150.0 | |
| | | Z | 4.92 | 66.44 | 16.00 | | 150.0 | |

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|---|---|---|---|---|---|---|---|---|
| 10402-AAD | IEEE 802.11ac WiFi (80MHz, 64-QAM, 99pc duty cycle) | X | 5.34 | 67.14 | 16.25 | 0.00 | 150.0 | ± 9.6 % |
| | | Y | 5.45 | 67.41 | 16.34 | | 150.0 | |
| | | Z | 5.29 | 67.06 | 16.22 | | 150.0 | |
| 10403-AAB | CDMA2000 (1xEV-DO, Rev. 0) | X | 0.62 | 61.39 | 7.67 | 0.00 | 115.0 | ± 9.6 % |
| | | Y | 1.02 | 65.94 | 11.36 | | 115.0 | |
| | | Z | 0.51 | 60.05 | 6.35 | | 115.0 | |
| 10404-AAB | CDMA2000 (1xEV-DO, Rev. A) | X | 0.62 | 61.39 | 7.67 | 0.00 | 115.0 | ± 9.6 % |
| | | Y | 1.02 | 65.94 | 11.36 | | 115.0 | |
| | | Z | 0.51 | 60.05 | 6.35 | | 115.0 | |
| 10406-AAB | CDMA2000, RC3, SO32, SCH0, Full Rate | X | 79.25 | 113.76 | 26.41 | 0.00 | 100.0 | ± 9.6 % |
| | | Y | 100.00 | 113.13 | 25.62 | | 100.0 | |
| | | Z | 63.21 | 110.78 | 25.52 | | 100.0 | |
| 10410-AAD | LTE-TDD (SC-FDMA, 1 RB, 10 MHz, QPSK, UL Subframe=2,3,4,7,8,9, Subframe Conf=4) | X | 4.42 | 82.55 | 18.88 | 3.23 | 80.0 | ± 9.6 % |
| | | Y | 100.00 | 121.46 | 29.03 | | 80.0 | |
| | | Z | 4.61 | 83.45 | 19.14 | | 80.0 | |
| 10415-AAA | IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps, 99pc duty cycle) | X | 0.88 | 62.35 | 13.81 | 0.00 | 150.0 | ± 9.6 % |
| | | Y | 0.98 | 63.10 | 14.52 | | 150.0 | |
| | | Z | 0.85 | 62.15 | 13.60 | | 150.0 | |
| 10416-AAA | IEEE 802.11g WiFi 2.4 GHz (ERP-OFDM, 6 Mbps, 99pc duty cycle) | X | 4.20 | 66.51 | 15.95 | 0.00 | 150.0 | ± 9.6 % |
| | | Y | 4.34 | 66.78 | 16.12 | | 150.0 | |
| | | Z | 4.15 | 66.43 | 15.91 | | 150.0 | |
| 10417-AAB | IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps, 99pc duty cycle) | X | 4.20 | 66.51 | 15.95 | 0.00 | 150.0 | ± 9.6 % |
| | | Y | 4.34 | 66.78 | 16.12 | | 150.0 | |
| | | Z | 4.15 | 66.43 | 15.91 | | 150.0 | |
| 10418-AAA | IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps, 99pc duty cycle, Long preambule) | X | 4.20 | 66.71 | 16.01 | 0.00 | 150.0 | ± 9.6 % |
| | | Y | 4.33 | 66.98 | 16.18 | | 150.0 | |
| | | Z | 4.15 | 66.64 | 15.96 | | 150.0 | |
| 10419-AAA | IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps, 99pc duty cycle, Short preambule) | X | 4.22 | 66.64 | 16.00 | 0.00 | 150.0 | ± 9.6 % |
| | | Y | 4.35 | 66.91 | 16.16 | | 150.0 | |
| | | Z | 4.16 | 66.57 | 15.95 | | 150.0 | |
| 10422-AAB | IEEE 802.11n (HT Greenfield, 7.2 Mbps, BPSK) | X | 4.32 | 66.62 | 16.02 | 0.00 | 150.0 | ± 9.6 % |
| | | Y | 4.46 | 66.88 | 16.17 | | 150.0 | |
| | | Z | 4.27 | 66.55 | 15.97 | | 150.0 | |
| 10423-AAB | IEEE 802.11n (HT Greenfield, 43.3 Mbps, 16-QAM) | X | 4.44 | 66.87 | 16.10 | 0.00 | 150.0 | ± 9.6 % |
| | | Y | 4.59 | 67.15 | 16.26 | | 150.0 | |
| | | Z | 4.38 | 66.79 | 16.05 | | 150.0 | |
| 10424-AAB | IEEE 802.11n (HT Greenfield, 72.2 Mbps, 64-QAM) | X | 4.37 | 66.82 | 16.07 | 0.00 | 150.0 | ± 9.6 % |
| | | Y | 4.52 | 67.10 | 16.24 | | 150.0 | |
| | | Z | 4.32 | 66.73 | 16.03 | | 150.0 | |
| 10425-AAB | IEEE 802.11n (HT Greenfield, 15 Mbps, BPSK) | X | 5.01 | 67.04 | 16.32 | 0.00 | 150.0 | ± 9.6 % |
| | | Y | 5.13 | 67.27 | 16.40 | | 150.0 | |
| | | Z | 4.98 | 67.00 | 16.31 | | 150.0 | |
| 10426-AAB | IEEE 802.11n (HT Greenfield, 90 Mbps, 16-QAM) | X | 5.04 | 67.16 | 16.37 | 0.00 | 150.0 | ± 9.6 % |
| | | Y | 5.14 | 67.33 | 16.43 | | 150.0 | |
| | | Z | 5.00 | 67.12 | 16.36 | | 150.0 | |

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|---|---|---|---|---|---|---|---|---|
| 10427-AAB | IEEE 802.11n (HT Greenfield, 150 Mbps, 64-QAM) | X | 4.99 | 66.91 | 16.24 | 0.00 | 150.0 | ± 9.6 % |
| | | Y | 5.11 | 67.16 | 16.34 | | 150.0 | |
| | | Z | 4.95 | 66.84 | 16.22 | | 150.0 | |
| 10430-AAB | LTE-FDD (OFDMA, 5 MHz, E-TM 3.1) | X | 4.13 | 72.41 | 18.13 | 0.00 | 150.0 | ± 9.6 % |
| | | Y | 4.28 | 72.52 | 18.48 | | 150.0 | |
| | | Z | 4.08 | 72.39 | 18.00 | | 150.0 | |
| 10431-AAB | LTE-FDD (OFDMA, 10 MHz, E-TM 3.1) | X | 3.79 | 67.01 | 15.72 | 0.00 | 150.0 | ± 9.6 % |
| | | Y | 3.96 | 67.36 | 16.02 | | 150.0 | |
| | | Z | 3.73 | 66.91 | 15.62 | | 150.0 | |
| 10432-AAB | LTE-FDD (OFDMA, 15 MHz, E-TM 3.1) | X | 4.13 | 66.90 | 15.96 | 0.00 | 150.0 | ± 9.6 % |
| | | Y | 4.28 | 67.20 | 16.17 | | 150.0 | |
| | | Z | 4.07 | 66.81 | 15.90 | | 150.0 | |
| 10433-AAB | LTE-FDD (OFDMA, 20 MHz, E-TM 3.1) | X | 4.39 | 66.85 | 16.10 | 0.00 | 150.0 | ± 9.6 % |
| | | Y | 4.53 | 67.13 | 16.26 | | 150.0 | |
| | | Z | 4.34 | 66.77 | 16.05 | | 150.0 | |
| 10434-AAA | W-CDMA (BS Test Model 1, 64 DPCH) | X | 4.16 | 72.87 | 17.65 | 0.00 | 150.0 | ± 9.6 % |
| | | Y | 4.44 | 73.53 | 18.35 | | 150.0 | |
| | | Z | 4.04 | 72.57 | 17.34 | | 150.0 | |
| 10435-AAC | LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK, UL Subframe=2,3,4,7,8,9) | X | 4.14 | 81.62 | 18.53 | 3.23 | 80.0 | ± 9.6 % |
| | | Y | 83.06 | 118.85 | 28.39 | | 80.0 | |
| | | Z | 4.26 | 82.36 | 18.73 | | 80.0 | |
| 10447-AAB | LTE-FDD (OFDMA, 5 MHz, E-TM 3.1, Clipping 44%) | X | 2.97 | 66.44 | 14.21 | 0.00 | 150.0 | ± 9.6 % |
| | | Y | 3.21 | 67.20 | 14.95 | | 150.0 | |
| | | Z | 2.88 | 66.18 | 13.94 | | 150.0 | |
| 10448-AAB | LTE-FDD (OFDMA, 10 MHz, E-TM 3.1, Clippin 44%) | X | 3.66 | 66.81 | 15.59 | 0.00 | 150.0 | ± 9.6 % |
| | | Y | 3.83 | 67.16 | 15.89 | | 150.0 | |
| | | Z | 3.60 | 66.71 | 15.49 | | 150.0 | |
| 10449-AAB | LTE-FDD (OFDMA, 15 MHz, E-TM 3.1, Cliping 44%) | X | 3.97 | 66.72 | 15.86 | 0.00 | 150.0 | ± 9.6 % |
| | | Y | 4.12 | 67.03 | 16.07 | | 150.0 | |
| | | Z | 3.92 | 66.64 | 15.79 | | 150.0 | |
| 10450-AAB | LTE-FDD (OFDMA, 20 MHz, E-TM 3.1, Clipping 44%) | X | 4.20 | 66.62 | 15.95 | 0.00 | 150.0 | ± 9.6 % |
| | | Y | 4.33 | 66.92 | 16.12 | | 150.0 | |
| | | Z | 4.14 | 66.54 | 15.90 | | 150.0 | |
| 10451-AAA | W-CDMA (BS Test Model 1, 64 DPCH, Clipping 44%) | X | 2.72 | 65.90 | 13.24 | 0.00 | 150.0 | ± 9.6 % |
| | | Y | 3.02 | 67.01 | 14.24 | | 150.0 | |
| | | Z | 2.61 | 65.51 | 12.86 | | 150.0 | |
| 10456-AAB | IEEE 802.11ac WiFi (160MHz, 64-QAM, 99pc duty cycle) | X | 5.96 | 67.58 | 16.49 | 0.00 | 150.0 | ± 9.6 % |
| | | Y | 6.03 | 67.79 | 16.56 | | 150.0 | |
| | | Z | 5.93 | 67.56 | 16.51 | | 150.0 | |
| 10457-AAA | UMTS-FDD (DC-HSDPA) | X | 3.59 | 65.29 | 15.69 | 0.00 | 150.0 | ± 9.6 % |
| | | Y | 3.69 | 65.51 | 15.85 | | 150.0 | |
| | | Z | 3.55 | 65.23 | 15.64 | | 150.0 | |
| 10458-AAA | CDMA2000 (1xEV-DO, Rev. B, 2 carriers) | X | 3.31 | 69.73 | 15.51 | 0.00 | 150.0 | ± 9.6 % |
| | | Y | 3.83 | 71.70 | 17.00 | | 150.0 | |
| | | Z | 3.11 | 68.88 | 14.86 | | 150.0 | |
| 10459-AAA | CDMA2000 (1xEV-DO, Rev. B, 3 carriers) | X | 4.77 | 69.37 | 17.77 | 0.00 | 150.0 | ± 9.6 % |
| | | Y | 4.95 | 69.51 | 18.11 | | 150.0 | |
| | | Z | 4.71 | 69.35 | 17.65 | | 150.0 | |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 10460-AAA | UMTS-FDD (WCDMA, AMR) | X | 0.70 | 66.43 | 14.16 | 0.00 | 150.0 | ± 9.6 % |
| | | Y | 0.85 | 68.30 | 15.90 | | 150.0 | |
| | | Z | 0.65 | 66.08 | 13.63 | | 150.0 | |
| 10461-AAA | LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, QPSK, UL Subframe=2,3,4,7,8,9) | X | 3.38 | 81.02 | 19.35 | 3.29 | 80.0 | ± 9.6 % |
| | | Y | 18.99 | 104.98 | 26.63 | | 80.0 | |
| | | Z | 5.54 | 87.58 | 21.32 | | 80.0 | |
| 10462-AAA | LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9) | X | 0.73 | 60.00 | 7.20 | 3.23 | 80.0 | ± 9.6 % |
| | | Y | 0.69 | 60.00 | 7.03 | | 80.0 | |
| | | Z | 0.71 | 60.00 | 7.10 | | 80.0 | |
| 10463-AAA | LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) | X | 0.75 | 60.00 | 6.58 | 3.23 | 80.0 | ± 9.6 % |
| | | Y | 0.72 | 60.00 | 6.37 | | 80.0 | |
| | | Z | 0.73 | 60.00 | 6.47 | | 80.0 | |
| 10464-AAA | LTE-TDD (SC-FDMA, 1 RB, 3 MHz, QPSK, UL Subframe=2,3,4,7,8,9) | X | 1.98 | 73.80 | 16.11 | 3.23 | 80.0 | ± 9.6 % |
| | | Y | 9.51 | 93.98 | 22.84 | | 80.0 | |
| | | Z | 2.44 | 76.51 | 16.98 | | 80.0 | |
| 10465-AAA | LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9) | X | 0.73 | 60.00 | 7.14 | 3.23 | 80.0 | ± 9.6 % |
| | | Y | 0.69 | 60.00 | 6.96 | | 80.0 | |
| | | Z | 0.71 | 60.00 | 7.03 | | 80.0 | |
| 10466-AAA | LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) | X | 0.75 | 60.00 | 6.54 | 3.23 | 80.0 | ± 9.6 % |
| | | Y | 0.73 | 60.00 | 6.32 | | 80.0 | |
| | | Z | 0.74 | 60.00 | 6.43 | | 80.0 | |
| 10467-AAC | LTE-TDD (SC-FDMA, 1 RB, 5 MHz, QPSK, UL Subframe=2,3,4,7,8,9) | X | 2.17 | 74.97 | 16.58 | 3.23 | 80.0 | ± 9.6 % |
| | | Y | 12.23 | 97.30 | 23.77 | | 80.0 | |
| | | Z | 2.80 | 78.23 | 17.61 | | 80.0 | |
| 10468-AAC | LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9) | X | 0.73 | 60.00 | 7.16 | 3.23 | 80.0 | ± 9.6 % |
| | | Y | 0.69 | 60.00 | 6.98 | | 80.0 | |
| | | Z | 0.71 | 60.00 | 7.06 | | 80.0 | |
| 10469-AAC | LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) | X | 0.75 | 60.00 | 6.54 | 3.23 | 80.0 | ± 9.6 % |
| | | Y | 0.73 | 60.00 | 6.32 | | 80.0 | |
| | | Z | 0.73 | 60.00 | 6.43 | | 80.0 | |
| 10470-AAC | LTE-TDD (SC-FDMA, 1 RB, 10 MHz, QPSK, UL Subframe=2,3,4,7,8,9) | X | 2.17 | 74.98 | 16.58 | 3.23 | 80.0 | ± 9.6 % |
| | | Y | 12.41 | 97.50 | 23.82 | | 80.0 | |
| | | Z | 2.80 | 78.27 | 17.62 | | 80.0 | |
| 10471-AAC | LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9) | X | 0.73 | 60.00 | 7.14 | 3.23 | 80.0 | ± 9.6 % |
| | | Y | 0.69 | 60.00 | 6.96 | | 80.0 | |
| | | Z | 0.71 | 60.00 | 7.04 | | 80.0 | |
| 10472-AAC | LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) | X | 0.75 | 60.00 | 6.52 | 3.23 | 80.0 | ± 9.6 % |
| | | Y | 0.73 | 60.00 | 6.30 | | 80.0 | |
| | | Z | 0.73 | 60.00 | 6.41 | | 80.0 | |
| 10473-AAC | LTE-TDD (SC-FDMA, 1 RB, 15 MHz, QPSK, UL Subframe=2,3,4,7,8,9) | X | 2.15 | 74.90 | 16.54 | 3.23 | 80.0 | ± 9.6 % |
| | | Y | 12.25 | 97.31 | 23.76 | | 80.0 | |
| | | Z | 2.77 | 78.14 | 17.57 | | 80.0 | |
| 10474-AAC | LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9) | X | 0.73 | 60.00 | 7.14 | 3.23 | 80.0 | ± 9.6 % |
| | | Y | 0.69 | 60.00 | 6.96 | | 80.0 | |
| | | Z | 0.71 | 60.00 | 7.04 | | 80.0 | |
| 10475-AAC | LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) | X | 0.75 | 60.00 | 6.52 | 3.23 | 80.0 | ± 9.6 % |
| | | Y | 0.72 | 60.00 | 6.30 | | 80.0 | |
| | | Z | 0.73 | 60.00 | 6.41 | | 80.0 | |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 10477-AAC | LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9) | X | 0.73 | 60.00 | 7.12 | 3.23 | 80.0 | ± 9.6 % |
| | | Y | 0.69 | 60.00 | 6.93 | | 80.0 | |
| | | Z | 0.71 | 60.00 | 7.01 | | 80.0 | |
| 10478-AAC | LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) | X | 0.75 | 60.00 | 6.51 | 3.23 | 80.0 | ± 9.6 % |
| | | Y | 0.73 | 60.00 | 6.28 | | 80.0 | |
| | | Z | 0.73 | 60.00 | 6.40 | | 80.0 | |
| 10479-AAA | LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, QPSK, UL Subframe=2,3,4,7,8,9) | X | 5.85 | 83.63 | 20.79 | 3.23 | 80.0 | ± 9.6 % |
| | | Y | 8.18 | 88.90 | 23.01 | | 80.0 | |
| | | Z | 8.53 | 88.91 | 22.31 | | 80.0 | |
| 10480-AAA | LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9) | X | 2.10 | 66.63 | 12.28 | 3.23 | 80.0 | ± 9.6 % |
| | | Y | 3.93 | 73.79 | 15.45 | | 80.0 | |
| | | Z | 1.97 | 66.13 | 11.92 | | 80.0 | |
| 10481-AAA | LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) | X | 1.60 | 63.40 | 10.41 | 3.23 | 80.0 | ± 9.6 % |
| | | Y | 2.50 | 68.24 | 12.88 | | 80.0 | |
| | | Z | 1.47 | 62.78 | 9.97 | | 80.0 | |
| 10482-AAA | LTE-TDD (SC-FDMA, 50% RB, 3 MHz, QPSK, UL Subframe=2,3,4,7,8,9) | X | 1.17 | 61.84 | 10.15 | 2.23 | 80.0 | ± 9.6 % |
| | | Y | 1.70 | 66.03 | 13.07 | | 80.0 | |
| | | Z | 1.04 | 60.83 | 9.32 | | 80.0 | |
| 10483-AAA | LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9) | X | 1.35 | 60.48 | 8.79 | 2.23 | 80.0 | ± 9.6 % |
| | | Y | 1.93 | 64.30 | 11.40 | | 80.0 | |
| | | Z | 1.26 | 60.00 | 8.32 | | 80.0 | |
| 10484-AAA | LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) | X | 1.35 | 60.23 | 8.65 | 2.23 | 80.0 | ± 9.6 % |
| | | Y | 1.87 | 63.68 | 11.09 | | 80.0 | |
| | | Z | 1.29 | 60.00 | 8.31 | | 80.0 | |
| 10485-AAC | LTE-TDD (SC-FDMA, 50% RB, 5 MHz, QPSK, UL Subframe=2,3,4,7,8,9) | X | 1.88 | 67.09 | 14.28 | 2.23 | 80.0 | ± 9.6 % |
| | | Y | 2.36 | 70.08 | 16.25 | | 80.0 | |
| | | Z | 1.78 | 66.60 | 13.86 | | 80.0 | |
| 10486-AAC | LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9) | X | 1.80 | 63.31 | 11.66 | 2.23 | 80.0 | ± 9.6 % |
| | | Y | 2.27 | 66.10 | 13.68 | | 80.0 | |
| | | Z | 1.68 | 62.61 | 11.10 | | 80.0 | |
| 10487-AAC | LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) | X | 1.81 | 63.05 | 11.51 | 2.23 | 80.0 | ± 9.6 % |
| | | Y | 2.27 | 65.73 | 13.48 | | 80.0 | |
| | | Z | 1.69 | 62.37 | 10.95 | | 80.0 | |
| 10488-AAC | LTE-TDD (SC-FDMA, 50% RB, 10 MHz, QPSK, UL Subframe=2,3,4,7,8,9) | X | 2.51 | 68.98 | 16.62 | 2.23 | 80.0 | ± 9.6 % |
| | | Y | 2.78 | 70.26 | 17.49 | | 80.0 | |
| | | Z | 2.47 | 69.01 | 16.58 | | 80.0 | |
| 10489-AAC | LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9) | X | 2.67 | 66.69 | 15.42 | 2.23 | 80.0 | ± 9.6 % |
| | | Y | 2.89 | 67.66 | 16.19 | | 80.0 | |
| | | Z | 2.61 | 66.60 | 15.31 | | 80.0 | |
| 10490-AAC | LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) | X | 2.75 | 66.60 | 15.38 | 2.23 | 80.0 | ± 9.6 % |
| | | Y | 2.98 | 67.54 | 16.14 | | 80.0 | |
| | | Z | 2.69 | 66.50 | 15.26 | | 80.0 | |
| 10491-AAC | LTE-TDD (SC-FDMA, 50% RB, 15 MHz, QPSK, UL Subframe=2,3,4,7,8,9) | X | 2.86 | 68.27 | 16.67 | 2.23 | 80.0 | ± 9.6 % |
| | | Y | 3.09 | 69.21 | 17.27 | | 80.0 | |
| | | Z | 2.82 | 68.27 | 16.67 | | 80.0 | |
| 10492-AAC | LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9) | X | 3.09 | 66.50 | 15.94 | 2.23 | 80.0 | ± 9.6 % |
| | | Y | 3.27 | 67.14 | 16.42 | | 80.0 | |
| | | Z | 3.04 | 66.46 | 15.90 | | 80.0 | |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 10493-AAC | LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) | X | 3.15 | 66.42 | 15.90 | 2.23 | 80.0 | ± 9.6 % |
| | | Y | 3.33 | 67.04 | 16.38 | | 80.0 | |
| | | Z | 3.10 | 66.36 | 15.86 | | 80.0 | |
| 10494-AAC | LTE-TDD (SC-FDMA, 50% RB, 20 MHz, QPSK, UL Subframe=2,3,4,7,8,9) | X | 3.03 | 69.31 | 17.04 | 2.23 | 80.0 | ± 9.6 % |
| | | Y | 3.29 | 70.42 | 17.69 | | 80.0 | |
| | | Z | 2.99 | 69.33 | 17.05 | | 80.0 | |
| 10495-AAC | LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9) | X | 3.11 | 66.74 | 16.18 | 2.23 | 80.0 | ± 9.6 % |
| | | Y | 3.28 | 67.38 | 16.62 | | 80.0 | |
| | | Z | 3.06 | 66.70 | 16.16 | | 80.0 | |
| 10496-AAC | LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) | X | 3.20 | 66.62 | 16.16 | 2.23 | 80.0 | ± 9.6 % |
| | | Y | 3.37 | 67.21 | 16.58 | | 80.0 | |
| | | Z | 3.16 | 66.58 | 16.14 | | 80.0 | |
| 10497-AAA | LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, QPSK, UL Subframe=2,3,4,7,8,9) | X | 0.93 | 60.00 | 7.61 | 2.23 | 80.0 | ± 9.6 % |
| | | Y | 1.02 | 60.56 | 8.96 | | 80.0 | |
| | | Z | 0.91 | 60.00 | 7.24 | | 80.0 | |
| 10498-AAA | LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9) | X | 1.12 | 60.00 | 6.46 | 2.23 | 80.0 | ± 9.6 % |
| | | Y | 1.14 | 60.00 | 7.43 | | 80.0 | |
| | | Z | 1.11 | 60.00 | 6.11 | | 80.0 | |
| 10499-AAA | LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) | X | 1.14 | 60.00 | 6.31 | 2.23 | 80.0 | ± 9.6 % |
| | | Y | 1.16 | 60.00 | 7.26 | | 80.0 | |
| | | Z | 1.14 | 60.00 | 5.95 | | 80.0 | |
| 10500-AAA | LTE-TDD (SC-FDMA, 100% RB, 3 MHz, QPSK, UL Subframe=2,3,4,7,8,9) | X | 2.15 | 68.03 | 15.31 | 2.23 | 80.0 | ± 9.6 % |
| | | Y | 2.52 | 70.13 | 16.75 | | 80.0 | |
| | | Z | 2.08 | 67.83 | 15.07 | | 80.0 | |
| 10501-AAA | LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9) | X | 2.20 | 65.05 | 13.30 | 2.23 | 80.0 | ± 9.6 % |
| | | Y | 2.58 | 67.10 | 14.82 | | 80.0 | |
| | | Z | 2.09 | 64.59 | 12.91 | | 80.0 | |
| 10502-AAA | LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) | X | 2.22 | 64.87 | 13.13 | 2.23 | 80.0 | ± 9.6 % |
| | | Y | 2.62 | 66.93 | 14.66 | | 80.0 | |
| | | Z | 2.11 | 64.39 | 12.73 | | 80.0 | |
| 10503-AAC | LTE-TDD (SC-FDMA, 100% RB, 5 MHz, QPSK, UL Subframe=2,3,4,7,8,9) | X | 2.47 | 68.77 | 16.51 | 2.23 | 80.0 | ± 9.6 % |
| | | Y | 2.74 | 70.06 | 17.38 | | 80.0 | |
| | | Z | 2.43 | 68.80 | 16.47 | | 80.0 | |
| 10504-AAC | LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9) | X | 2.65 | 66.57 | 15.35 | 2.23 | 80.0 | ± 9.6 % |
| | | Y | 2.88 | 67.55 | 16.12 | | 80.0 | |
| | | Z | 2.60 | 66.48 | 15.23 | | 80.0 | |
| 10505-AAC | LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) | X | 2.73 | 66.49 | 15.31 | 2.23 | 80.0 | ± 9.6 % |
| | | Y | 2.96 | 67.44 | 16.07 | | 80.0 | |
| | | Z | 2.67 | 66.39 | 15.19 | | 80.0 | |
| 10506-AAC | LTE-TDD (SC-FDMA, 100% RB, 10 MHz, QPSK, UL Subframe=2,3,4,7,8,9) | X | 3.00 | 69.17 | 16.97 | 2.23 | 80.0 | ± 9.6 % |
| | | Y | 3.27 | 70.28 | 17.61 | | 80.0 | |
| | | Z | 2.96 | 69.18 | 16.97 | | 80.0 | |
| 10507-AAC | LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9) | X | 3.10 | 66.67 | 16.14 | 2.23 | 80.0 | ± 9.6 % |
| | | Y | 3.27 | 67.32 | 16.58 | | 80.0 | |
| | | Z | 3.05 | 66.63 | 16.11 | | 80.0 | |

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|---|---|---|---|---|---|---|---|---|
| 10508-AAC | LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) | X | 3.19 | 66.54 | 16.11 | 2.23 | 80.0 | ± 9.6 % |
| | | Y | 3.36 | 67.14 | 16.53 | | 80.0 | |
| | | Z | 3.14 | 66.50 | 16.09 | | 80.0 | |
| 10509-AAC | LTE-TDD (SC-FDMA, 100% RB, 15 MHz, QPSK, UL Subframe=2,3,4,7,8,9) | X | 3.46 | 68.61 | 16.83 | 2.23 | 80.0 | ± 9.6 % |
| | | Y | 3.70 | 69.52 | 17.32 | | 80.0 | |
| | | Z | 3.41 | 68.57 | 16.83 | | 80.0 | |
| 10510-AAC | LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9) | X | 3.59 | 66.60 | 16.36 | 2.23 | 80.0 | ± 9.6 % |
| | | Y | 3.76 | 67.16 | 16.69 | | 80.0 | |
| | | Z | 3.54 | 66.54 | 16.35 | | 80.0 | |
| 10511-AAC | LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) | X | 3.67 | 66.49 | 16.34 | 2.23 | 80.0 | ± 9.6 % |
| | | Y | 3.83 | 67.01 | 16.65 | | 80.0 | |
| | | Z | 3.62 | 66.43 | 16.33 | | 80.0 | |
| 10512-AAC | LTE-TDD (SC-FDMA, 100% RB, 20 MHz, QPSK, UL Subframe=2,3,4,7,8,9) | X | 3.48 | 69.49 | 17.06 | 2.23 | 80.0 | ± 9.6 % |
| | | Y | 3.77 | 70.66 | 17.66 | | 80.0 | |
| | | Z | 3.43 | 69.44 | 17.05 | | 80.0 | |
| 10513-AAC | LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9) | X | 3.48 | 66.67 | 16.39 | 2.23 | 80.0 | ± 9.6 % |
| | | Y | 3.64 | 67.28 | 16.74 | | 80.0 | |
| | | Z | 3.43 | 66.60 | 16.38 | | 80.0 | |
| 10514-AAC | LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) | X | 3.54 | 66.42 | 16.34 | 2.23 | 80.0 | ± 9.6 % |
| | | Y | 3.69 | 66.98 | 16.66 | | 80.0 | |
| | | Z | 3.49 | 66.35 | 16.33 | | 80.0 | |
| 10515-AAA | IEEE 802.11b WiFi 2.4 GHz (DSSS, 2 Mbps, 99pc duty cycle) | X | 0.84 | 62.48 | 13.81 | 0.00 | 150.0 | ± 9.6 % |
| | | Y | 0.94 | 63.27 | 14.57 | | 150.0 | |
| | | Z | 0.81 | 62.28 | 13.60 | | 150.0 | |
| 10516-AAA | IEEE 802.11b WiFi 2.4 GHz (DSSS, 5.5 Mbps, 99pc duty cycle) | X | 0.44 | 68.20 | 14.66 | 0.00 | 150.0 | ± 9.6 % |
| | | Y | 0.56 | 70.25 | 17.04 | | 150.0 | |
| | | Z | 0.42 | 68.39 | 14.03 | | 150.0 | |
| 10517-AAA | IEEE 802.11b WiFi 2.4 GHz (DSSS, 11 Mbps, 99pc duty cycle) | X | 0.67 | 63.87 | 14.00 | 0.00 | 150.0 | ± 9.6 % |
| | | Y | 0.78 | 65.03 | 15.13 | | 150.0 | |
| | | Z | 0.63 | 63.64 | 13.69 | | 150.0 | |
| 10518-AAB | IEEE 802.11a/h WiFi 5 GHz (OFDM, 9 Mbps, 99pc duty cycle) | X | 4.20 | 66.61 | 15.94 | 0.00 | 150.0 | ± 9.6 % |
| | | Y | 4.33 | 66.88 | 16.11 | | 150.0 | |
| | | Z | 4.14 | 66.53 | 15.90 | | 150.0 | |
| 10519-AAB | IEEE 802.11a/h WiFi 5 GHz (OFDM, 12 Mbps, 99pc duty cycle) | X | 4.33 | 66.77 | 16.03 | 0.00 | 150.0 | ± 9.6 % |
| | | Y | 4.48 | 67.04 | 16.20 | | 150.0 | |
| | | Z | 4.28 | 66.69 | 15.99 | | 150.0 | |
| 10520-AAB | IEEE 802.11a/h WiFi 5 GHz (OFDM, 18 Mbps, 99pc duty cycle) | X | 4.19 | 66.69 | 15.94 | 0.00 | 150.0 | ± 9.6 % |
| | | Y | 4.33 | 66.98 | 16.12 | | 150.0 | |
| | | Z | 4.14 | 66.61 | 15.89 | | 150.0 | |
| 10521-AAB | IEEE 802.11a/h WiFi 5 GHz (OFDM, 24 Mbps, 99pc duty cycle) | X | 4.12 | 66.64 | 15.91 | 0.00 | 150.0 | ± 9.6 % |
| | | Y | 4.27 | 66.95 | 16.10 | | 150.0 | |
| | | Z | 4.07 | 66.55 | 15.86 | | 150.0 | |
| 10522-AAB | IEEE 802.11a/h WiFi 5 GHz (OFDM, 36 Mbps, 99pc duty cycle) | X | 4.17 | 66.75 | 16.00 | 0.00 | 150.0 | ± 9.6 % |
| | | Y | 4.32 | 67.07 | 16.19 | | 150.0 | |
| | | Z | 4.11 | 66.65 | 15.94 | | 150.0 | |

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|---|---|---|---|---|---|---|---|---|
| 10523-AAB | IEEE 802.11a/h WiFi 5 GHz (OFDM, 48 Mbps, 99pc duty cycle) | X | 4.11 | 66.80 | 15.95 | 0.00 | 150.0 | ± 9.6 % |
| | | Y | 4.25 | 67.07 | 16.12 | | 150.0 | |
| | | Z | 4.06 | 66.72 | 15.90 | | 150.0 | |
| 10524-AAB | IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps, 99pc duty cycle) | X | 4.12 | 66.74 | 16.01 | 0.00 | 150.0 | ± 9.6 % |
| | | Y | 4.27 | 67.03 | 16.18 | | 150.0 | |
| | | Z | 4.07 | 66.66 | 15.95 | | 150.0 | |
| 10525-AAB | IEEE 802.11ac WiFi (20MHz, MCS0, 99pc duty cycle) | X | 4.17 | 65.86 | 15.64 | 0.00 | 150.0 | ± 9.6 % |
| | | Y | 4.30 | 66.15 | 15.81 | | 150.0 | |
| | | Z | 4.12 | 65.78 | 15.60 | | 150.0 | |
| 10526-AAB | IEEE 802.11ac WiFi (20MHz, MCS1, 99pc duty cycle) | X | 4.28 | 66.11 | 15.75 | 0.00 | 150.0 | ± 9.6 % |
| | | Y | 4.42 | 66.42 | 15.93 | | 150.0 | |
| | | Z | 4.22 | 66.02 | 15.70 | | 150.0 | |
| 10527-AAB | IEEE 802.11ac WiFi (20MHz, MCS2, 99pc duty cycle) | X | 4.21 | 66.08 | 15.69 | 0.00 | 150.0 | ± 9.6 % |
| | | Y | 4.36 | 66.40 | 15.87 | | 150.0 | |
| | | Z | 4.16 | 65.99 | 15.63 | | 150.0 | |
| 10528-AAB | IEEE 802.11ac WiFi (20MHz, MCS3, 99pc duty cycle) | X | 4.22 | 66.10 | 15.72 | 0.00 | 150.0 | ± 9.6 % |
| | | Y | 4.37 | 66.41 | 15.90 | | 150.0 | |
| | | Z | 4.17 | 66.01 | 15.67 | | 150.0 | |
| 10529-AAB | IEEE 802.11ac WiFi (20MHz, MCS4, 99pc duty cycle) | X | 4.22 | 66.10 | 15.72 | 0.00 | 150.0 | ± 9.6 % |
| | | Y | 4.37 | 66.41 | 15.90 | | 150.0 | |
| | | Z | 4.17 | 66.01 | 15.67 | | 150.0 | |
| 10531-AAB | IEEE 802.11ac WiFi (20MHz, MCS6, 99pc duty cycle) | X | 4.18 | 66.09 | 15.68 | 0.00 | 150.0 | ± 9.6 % |
| | | Y | 4.34 | 66.44 | 15.88 | | 150.0 | |
| | | Z | 4.13 | 65.99 | 15.63 | | 150.0 | |
| 10532-AAB | IEEE 802.11ac WiFi (20MHz, MCS7, 99pc duty cycle) | X | 4.07 | 65.95 | 15.61 | 0.00 | 150.0 | ± 9.6 % |
| | | Y | 4.22 | 66.30 | 15.82 | | 150.0 | |
| | | Z | 4.02 | 65.85 | 15.55 | | 150.0 | |
| 10533-AAB | IEEE 802.11ac WiFi (20MHz, MCS8, 99pc duty cycle) | X | 4.23 | 66.18 | 15.72 | 0.00 | 150.0 | ± 9.6 % |
| | | Y | 4.38 | 66.49 | 15.90 | | 150.0 | |
| | | Z | 4.17 | 66.09 | 15.67 | | 150.0 | |
| 10534-AAB | IEEE 802.11ac WiFi (40MHz, MCS0, 99pc duty cycle) | X | 4.80 | 66.11 | 15.83 | 0.00 | 150.0 | ± 9.6 % |
| | | Y | 4.92 | 66.40 | 15.96 | | 150.0 | |
| | | Z | 4.76 | 66.03 | 15.80 | | 150.0 | |
| 10535-AAB | IEEE 802.11ac WiFi (40MHz, MCS1, 99pc duty cycle) | X | 4.83 | 66.22 | 15.89 | 0.00 | 150.0 | ± 9.6 % |
| | | Y | 4.96 | 66.53 | 16.02 | | 150.0 | |
| | | Z | 4.79 | 66.13 | 15.86 | | 150.0 | |
| 10536-AAB | IEEE 802.11ac WiFi (40MHz, MCS2, 99pc duty cycle) | X | 4.73 | 66.21 | 15.86 | 0.00 | 150.0 | ± 9.6 % |
| | | Y | 4.86 | 66.53 | 16.00 | | 150.0 | |
| | | Z | 4.68 | 66.11 | 15.82 | | 150.0 | |
| 10537-AAB | IEEE 802.11ac WiFi (40MHz, MCS3, 99pc duty cycle) | X | 4.80 | 66.26 | 15.89 | 0.00 | 150.0 | ± 9.6 % |
| | | Y | 4.92 | 66.51 | 15.99 | | 150.0 | |
| | | Z | 4.76 | 66.19 | 15.86 | | 150.0 | |
| 10538-AAB | IEEE 802.11ac WiFi (40MHz, MCS4, 99pc duty cycle) | X | 4.86 | 66.19 | 15.89 | 0.00 | 150.0 | ± 9.6 % |
| | | Y | 4.98 | 66.48 | 16.01 | | 150.0 | |
| | | Z | 4.81 | 66.10 | 15.86 | | 150.0 | |
| 10540-AAB | IEEE 802.11ac WiFi (40MHz, MCS6, 99pc duty cycle) | X | 4.79 | 66.14 | 15.88 | 0.00 | 150.0 | ± 9.6 % |
| | | Y | 4.91 | 66.45 | 16.01 | | 150.0 | |
| | | Z | 4.74 | 66.05 | 15.85 | | 150.0 | |

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|---|---|---|---|---|---|---|---|---|
| 10541-AAB | IEEE 802.11ac WiFi (40MHz, MCS7, 99pc duty cycle) | X | 4.78 | 66.07 | 15.83 | 0.00 | 150.0 | ± 9.6 % |
| | | Y | 4.90 | 66.37 | 15.96 | | 150.0 | |
| | | Z | 4.73 | 65.98 | 15.80 | | 150.0 | |
| 10542-AAB | IEEE 802.11ac WiFi (40MHz, MCS8, 99pc duty cycle) | X | 4.93 | 66.18 | 15.91 | 0.00 | 150.0 | ± 9.6 % |
| | | Y | 5.05 | 66.46 | 16.02 | | 150.0 | |
| | | Z | 4.88 | 66.10 | 15.88 | | 150.0 | |
| 10543-AAB | IEEE 802.11ac WiFi (40MHz, MCS9, 99pc duty cycle) | X | 5.02 | 66.31 | 16.00 | 0.00 | 150.0 | ± 9.6 % |
| | | Y | 5.12 | 66.51 | 16.07 | | 150.0 | |
| | | Z | 4.97 | 66.25 | 15.98 | | 150.0 | |
| 10544-AAB | IEEE 802.11ac WiFi (80MHz, MCS0, 99pc duty cycle) | X | 5.16 | 66.18 | 15.83 | 0.00 | 150.0 | ± 9.6 % |
| | | Y | 5.27 | 66.49 | 15.95 | | 150.0 | |
| | | Z | 5.12 | 66.08 | 15.80 | | 150.0 | |
| 10545-AAB | IEEE 802.11ac WiFi (80MHz, MCS1, 99pc duty cycle) | X | 5.34 | 66.65 | 16.03 | 0.00 | 150.0 | ± 9.6 % |
| | | Y | 5.43 | 66.87 | 16.10 | | 150.0 | |
| | | Z | 5.30 | 66.59 | 16.02 | | 150.0 | |
| 10546-AAB | IEEE 802.11ac WiFi (80MHz, MCS2, 99pc duty cycle) | X | 5.18 | 66.29 | 15.86 | 0.00 | 150.0 | ± 9.6 % |
| | | Y | 5.30 | 66.61 | 15.98 | | 150.0 | |
| | | Z | 5.14 | 66.19 | 15.83 | | 150.0 | |
| 10547-AAB | IEEE 802.11ac WiFi (80MHz, MCS3, 99pc duty cycle) | X | 5.28 | 66.47 | 15.95 | 0.00 | 150.0 | ± 9.6 % |
| | | Y | 5.37 | 66.69 | 16.02 | | 150.0 | |
| | | Z | 5.26 | 66.43 | 15.94 | | 150.0 | |
| 10548-AAB | IEEE 802.11ac WiFi (80MHz, MCS4, 99pc duty cycle) | X | 5.40 | 67.01 | 16.19 | 0.00 | 150.0 | ± 9.6 % |
| | | Y | 5.50 | 67.27 | 16.28 | | 150.0 | |
| | | Z | 5.36 | 66.94 | 16.17 | | 150.0 | |
| 10550-AAB | IEEE 802.11ac WiFi (80MHz, MCS6, 99pc duty cycle) | X | 5.27 | 66.57 | 16.01 | 0.00 | 150.0 | ± 9.6 % |
| | | Y | 5.34 | 66.74 | 16.06 | | 150.0 | |
| | | Z | 5.24 | 66.54 | 16.02 | | 150.0 | |
| 10551-AAB | IEEE 802.11ac WiFi (80MHz, MCS7, 99pc duty cycle) | X | 5.17 | 66.24 | 15.81 | 0.00 | 150.0 | ± 9.6 % |
| | | Y | 5.29 | 66.58 | 15.94 | | 150.0 | |
| | | Z | 5.12 | 66.13 | 15.78 | | 150.0 | |
| 10552-AAB | IEEE 802.11ac WiFi (80MHz, MCS8, 99pc duty cycle) | X | 5.16 | 66.30 | 15.84 | 0.00 | 150.0 | ± 9.6 % |
| | | Y | 5.28 | 66.61 | 15.96 | | 150.0 | |
| | | Z | 5.12 | 66.21 | 15.81 | | 150.0 | |
| 10553-AAB | IEEE 802.11ac WiFi (80MHz, MCS9, 99pc duty cycle) | X | 5.21 | 66.24 | 15.84 | 0.00 | 150.0 | ± 9.6 % |
| | | Y | 5.33 | 66.56 | 15.96 | | 150.0 | |
| | | Z | 5.17 | 66.14 | 15.81 | | 150.0 | |
| 10554-AAC | IEEE 802.11ac WiFi (160MHz, MCS0, 99pc duty cycle) | X | 5.59 | 66.52 | 15.92 | 0.00 | 150.0 | ± 9.6 % |
| | | Y | 5.68 | 66.81 | 16.02 | | 150.0 | |
| | | Z | 5.55 | 66.43 | 15.90 | | 150.0 | |
| 10555-AAC | IEEE 802.11ac WiFi (160MHz, MCS1, 99pc duty cycle) | X | 5.67 | 66.73 | 16.01 | 0.00 | 150.0 | ± 9.6 % |
| | | Y | 5.77 | 67.03 | 16.11 | | 150.0 | |
| | | Z | 5.64 | 66.64 | 15.99 | | 150.0 | |
| 10556-AAC | IEEE 802.11ac WiFi (160MHz, MCS2, 99pc duty cycle) | X | 5.72 | 66.88 | 16.08 | 0.00 | 150.0 | ± 9.6 % |
| | | Y | 5.80 | 67.12 | 16.15 | | 150.0 | |
| | | Z | 5.70 | 66.82 | 16.07 | | 150.0 | |
| 10557-AAC | IEEE 802.11ac WiFi (160MHz, MCS3, 99pc duty cycle) | X | 5.67 | 66.71 | 16.01 | 0.00 | 150.0 | ± 9.6 % |
| | | Y | 5.77 | 67.02 | 16.12 | | 150.0 | |
| | | Z | 5.63 | 66.62 | 15.99 | | 150.0 | |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 10558-AAC | IEEE 802.11ac WiFi (160MHz, MCS4, 99pc duty cycle) | X | 5.66 | 66.72 | 16.03 | 0.00 | 150.0 | ± 9.6 % |
| | | Y | 5.78 | 67.09 | 16.17 | | 150.0 | |
| | | Z | 5.61 | 66.60 | 16.00 | | 150.0 | |
| 10560-AAC | IEEE 802.11ac WiFi (160MHz, MCS6, 99pc duty cycle) | X | 5.69 | 66.69 | 16.05 | 0.00 | 150.0 | ± 9.6 % |
| | | Y | 5.80 | 67.01 | 16.17 | | 150.0 | |
| | | Z | 5.65 | 66.58 | 16.02 | | 150.0 | |
| 10561-AAC | IEEE 802.11ac WiFi (160MHz, MCS7, 99pc duty cycle) | X | 5.63 | 66.68 | 16.08 | 0.00 | 150.0 | ± 9.6 % |
| | | Y | 5.73 | 66.98 | 16.19 | | 150.0 | |
| | | Z | 5.59 | 66.58 | 16.05 | | 150.0 | |
| 10562-AAC | IEEE 802.11ac WiFi (160MHz, MCS8, 99pc duty cycle) | X | 5.66 | 66.80 | 16.14 | 0.00 | 150.0 | ± 9.6 % |
| | | Y | 5.78 | 67.16 | 16.28 | | 150.0 | |
| | | Z | 5.62 | 66.69 | 16.11 | | 150.0 | |
| 10563-AAC | IEEE 802.11ac WiFi (160MHz, MCS9, 99pc duty cycle) | X | 5.79 | 66.86 | 16.14 | 0.00 | 150.0 | ± 9.6 % |
| | | Y | 5.87 | 67.10 | 16.21 | | 150.0 | |
| | | Z | 5.75 | 66.76 | 16.11 | | 150.0 | |
| 10564-AAA | IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 9 Mbps, 99pc duty cycle) | X | 4.51 | 66.62 | 16.08 | 0.46 | 150.0 | ± 9.6 % |
| | | Y | 4.64 | 66.88 | 16.23 | | 150.0 | |
| | | Z | 4.46 | 66.54 | 16.03 | | 150.0 | |
| 10565-AAA | IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 12 Mbps, 99pc duty cycle) | X | 4.70 | 67.05 | 16.41 | 0.46 | 150.0 | ± 9.6 % |
| | | Y | 4.84 | 67.30 | 16.55 | | 150.0 | |
| | | Z | 4.65 | 66.98 | 16.37 | | 150.0 | |
| 10566-AAA | IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 18 Mbps, 99pc duty cycle) | X | 4.53 | 66.83 | 16.19 | 0.46 | 150.0 | ± 9.6 % |
| | | Y | 4.67 | 67.10 | 16.35 | | 150.0 | |
| | | Z | 4.48 | 66.75 | 16.14 | | 150.0 | |
| 10567-AAA | IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 24 Mbps, 99pc duty cycle) | X | 4.58 | 67.28 | 16.61 | 0.46 | 150.0 | ± 9.6 % |
| | | Y | 4.71 | 67.54 | 16.75 | | 150.0 | |
| | | Z | 4.53 | 67.22 | 16.58 | | 150.0 | |
| 10568-AAA | IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 36 Mbps, 99pc duty cycle) | X | 4.42 | 66.49 | 15.88 | 0.46 | 150.0 | ± 9.6 % |
| | | Y | 4.56 | 66.80 | 16.06 | | 150.0 | |
| | | Z | 4.36 | 66.40 | 15.82 | | 150.0 | |
| 10569-AAA | IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 48 Mbps, 99pc duty cycle) | X | 4.57 | 67.56 | 16.77 | 0.46 | 150.0 | ± 9.6 % |
| | | Y | 4.70 | 67.77 | 16.89 | | 150.0 | |
| | | Z | 4.52 | 67.51 | 16.75 | | 150.0 | |
| 10570-AAA | IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 54 Mbps, 99pc duty cycle) | X | 4.56 | 67.29 | 16.63 | 0.46 | 150.0 | ± 9.6 % |
| | | Y | 4.70 | 67.54 | 16.77 | | 150.0 | |
| | | Z | 4.51 | 67.23 | 16.60 | | 150.0 | |
| 10571-AAA | IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps, 90pc duty cycle) | X | 0.99 | 63.18 | 14.39 | 0.46 | 130.0 | ± 9.6 % |
| | | Y | 1.08 | 63.86 | 15.05 | | 130.0 | |
| | | Z | 0.95 | 63.03 | 14.23 | | 130.0 | |
| 10572-AAA | IEEE 802.11b WiFi 2.4 GHz (DSSS, 2 Mbps, 90pc duty cycle) | X | 0.99 | 63.68 | 14.72 | 0.46 | 130.0 | ± 9.6 % |
| | | Y | 1.08 | 64.39 | 15.40 | | 130.0 | |
| | | Z | 0.95 | 63.53 | 14.56 | | 130.0 | |
| 10573-AAA | IEEE 802.11b WiFi 2.4 GHz (DSSS, 5.5 Mbps, 90pc duty cycle) | X | 1.02 | 76.26 | 18.43 | 0.46 | 130.0 | ± 9.6 % |
| | | Y | 1.26 | 79.61 | 21.02 | | 130.0 | |
| | | Z | 1.03 | 76.65 | 18.05 | | 130.0 | |
| 10574-AAA | IEEE 802.11b WiFi 2.4 GHz (DSSS, 11 Mbps, 90pc duty cycle) | X | 1.02 | 68.60 | 17.28 | 0.46 | 130.0 | ± 9.6 % |
| | | Y | 1.14 | 69.61 | 18.20 | | 130.0 | |
| | | Z | 0.98 | 68.56 | 17.15 | | 130.0 | |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 10575-AAA | IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps, 90pc duty cycle) | X | 4.28 | 66.36 | 16.06 | 0.46 | 130.0 | ± 9.6 % |
| | | Y | 4.41 | 66.60 | 16.21 | | 130.0 | |
| | | Z | 4.24 | 66.30 | 16.03 | | 130.0 | |
| 10576-AAA | IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 9 Mbps, 90pc duty cycle) | X | 4.32 | 66.58 | 16.16 | 0.46 | 130.0 | ± 9.6 % |
| | | Y | 4.44 | 66.81 | 16.31 | | 130.0 | |
| | | Z | 4.27 | 66.53 | 16.13 | | 130.0 | |
| 10577-AAA | IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 12 Mbps, 90pc duty cycle) | X | 4.47 | 66.81 | 16.31 | 0.46 | 130.0 | ± 9.6 % |
| | | Y | 4.61 | 67.04 | 16.45 | | 130.0 | |
| | | Z | 4.42 | 66.77 | 16.29 | | 130.0 | |
| 10578-AAA | IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 18 Mbps, 90pc duty cycle) | X | 4.38 | 66.98 | 16.43 | 0.46 | 130.0 | ± 9.6 % |
| | | Y | 4.51 | 67.21 | 16.57 | | 130.0 | |
| | | Z | 4.33 | 66.92 | 16.41 | | 130.0 | |
| 10579-AAA | IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 24 Mbps, 90pc duty cycle) | X | 4.12 | 66.04 | 15.59 | 0.46 | 130.0 | ± 9.6 % |
| | | Y | 4.26 | 66.34 | 15.78 | | 130.0 | |
| | | Z | 4.07 | 65.96 | 15.54 | | 130.0 | |
| 10580-AAA | IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 36 Mbps, 90pc duty cycle) | X | 4.15 | 66.07 | 15.59 | 0.46 | 130.0 | ± 9.6 % |
| | | Y | 4.29 | 66.38 | 15.80 | | 130.0 | |
| | | Z | 4.09 | 65.99 | 15.54 | | 130.0 | |
| 10581-AAA | IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 48 Mbps, 90pc duty cycle) | X | 4.29 | 67.05 | 16.40 | 0.46 | 130.0 | ± 9.6 % |
| | | Y | 4.42 | 67.28 | 16.54 | | 130.0 | |
| | | Z | 4.25 | 67.00 | 16.37 | | 130.0 | |
| 10582-AAA | IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 54 Mbps, 90pc duty cycle) | X | 4.04 | 65.78 | 15.35 | 0.46 | 130.0 | ± 9.6 % |
| | | Y | 4.18 | 66.08 | 15.55 | | 130.0 | |
| | | Z | 3.99 | 65.70 | 15.30 | | 130.0 | |
| 10583-AAB | IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps, 90pc duty cycle) | X | 4.28 | 66.36 | 16.06 | 0.46 | 130.0 | ± 9.6 % |
| | | Y | 4.41 | 66.60 | 16.21 | | 130.0 | |
| | | Z | 4.24 | 66.30 | 16.03 | | 130.0 | |
| 10584-AAB | IEEE 802.11a/h WiFi 5 GHz (OFDM, 9 Mbps, 90pc duty cycle) | X | 4.32 | 66.58 | 16.16 | 0.46 | 130.0 | ± 9.6 % |
| | | Y | 4.44 | 66.81 | 16.31 | | 130.0 | |
| | | Z | 4.27 | 66.53 | 16.13 | | 130.0 | |
| 10585-AAB | IEEE 802.11a/h WiFi 5 GHz (OFDM, 12 Mbps, 90pc duty cycle) | X | 4.47 | 66.81 | 16.31 | 0.46 | 130.0 | ± 9.6 % |
| | | Y | 4.61 | 67.04 | 16.45 | | 130.0 | |
| | | Z | 4.42 | 66.77 | 16.29 | | 130.0 | |
| 10586-AAB | IEEE 802.11a/h WiFi 5 GHz (OFDM, 18 Mbps, 90pc duty cycle) | X | 4.38 | 66.98 | 16.43 | 0.46 | 130.0 | ± 9.6 % |
| | | Y | 4.51 | 67.21 | 16.57 | | 130.0 | |
| | | Z | 4.33 | 66.92 | 16.41 | | 130.0 | |
| 10587-AAB | IEEE 802.11a/h WiFi 5 GHz (OFDM, 24 Mbps, 90pc duty cycle) | X | 4.12 | 66.04 | 15.59 | 0.46 | 130.0 | ± 9.6 % |
| | | Y | 4.26 | 66.34 | 15.78 | | 130.0 | |
| | | Z | 4.07 | 65.96 | 15.54 | | 130.0 | |
| 10588-AAB | IEEE 802.11a/h WiFi 5 GHz (OFDM, 36 Mbps, 90pc duty cycle) | X | 4.15 | 66.07 | 15.59 | 0.46 | 130.0 | ± 9.6 % |
| | | Y | 4.29 | 66.38 | 15.80 | | 130.0 | |
| | | Z | 4.09 | 65.99 | 15.54 | | 130.0 | |
| 10589-AAB | IEEE 802.11a/h WiFi 5 GHz (OFDM, 48 Mbps, 90pc duty cycle) | X | 4.29 | 67.05 | 16.40 | 0.46 | 130.0 | ± 9.6 % |
| | | Y | 4.42 | 67.28 | 16.54 | | 130.0 | |
| | | Z | 4.25 | 67.00 | 16.37 | | 130.0 | |
| 10590-AAB | IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps, 90pc duty cycle) | X | 4.04 | 65.78 | 15.35 | 0.46 | 130.0 | ± 9.6 % |
| | | Y | 4.18 | 66.08 | 15.55 | | 130.0 | |
| | | Z | 3.99 | 65.70 | 15.30 | | 130.0 | |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 10591-AAB | IEEE 802.11n (HT Mixed, 20MHz, MCS0, 90pc duty cycle) | X | 4.45 | 66.48 | 16.22 | 0.46 | 130.0 | ± 9.6 % |
| | | Y | 4.57 | 66.70 | 16.35 | | 130.0 | |
| | | Z | 4.40 | 66.43 | 16.19 | | 130.0 | |
| 10592-AAB | IEEE 802.11n (HT Mixed, 20MHz, MCS1, 90pc duty cycle) | X | 4.56 | 66.76 | 16.34 | 0.46 | 130.0 | ± 9.6 % |
| | | Y | 4.69 | 66.99 | 16.47 | | 130.0 | |
| | | Z | 4.51 | 66.70 | 16.31 | | 130.0 | |
| 10593-AAB | IEEE 802.11n (HT Mixed, 20MHz, MCS2, 90pc duty cycle) | X | 4.47 | 66.61 | 16.18 | 0.46 | 130.0 | ± 9.6 % |
| | | Y | 4.61 | 66.86 | 16.32 | | 130.0 | |
| | | Z | 4.42 | 66.56 | 16.15 | | 130.0 | |
| 10594-AAB | IEEE 802.11n (HT Mixed, 20MHz, MCS3, 90pc duty cycle) | X | 4.53 | 66.81 | 16.36 | 0.46 | 130.0 | ± 9.6 % |
| | | Y | 4.66 | 67.05 | 16.50 | | 130.0 | |
| | | Z | 4.48 | 66.75 | 16.33 | | 130.0 | |
| 10595-AAB | IEEE 802.11n (HT Mixed, 20MHz, MCS4, 90pc duty cycle) | X | 4.49 | 66.78 | 16.26 | 0.46 | 130.0 | ± 9.6 % |
| | | Y | 4.63 | 67.01 | 16.40 | | 130.0 | |
| | | Z | 4.44 | 66.72 | 16.23 | | 130.0 | |
| 10596-AAB | IEEE 802.11n (HT Mixed, 20MHz, MCS5, 90pc duty cycle) | X | 4.42 | 66.72 | 16.24 | 0.46 | 130.0 | ± 9.6 % |
| | | Y | 4.56 | 66.97 | 16.38 | | 130.0 | |
| | | Z | 4.37 | 66.66 | 16.20 | | 130.0 | |
| 10597-AAB | IEEE 802.11n (HT Mixed, 20MHz, MCS6, 90pc duty cycle) | X | 4.37 | 66.57 | 16.07 | 0.46 | 130.0 | ± 9.6 % |
| | | Y | 4.51 | 66.84 | 16.24 | | 130.0 | |
| | | Z | 4.32 | 66.51 | 16.04 | | 130.0 | |
| 10598-AAB | IEEE 802.11n (HT Mixed, 20MHz, MCS7, 90pc duty cycle) | X | 4.37 | 66.85 | 16.38 | 0.46 | 130.0 | ± 9.6 % |
| | | Y | 4.51 | 67.10 | 16.52 | | 130.0 | |
| | | Z | 4.33 | 66.80 | 16.35 | | 130.0 | |
| 10599-AAB | IEEE 802.11n (HT Mixed, 40MHz, MCS0, 90pc duty cycle) | X | 5.15 | 67.00 | 16.53 | 0.46 | 130.0 | ± 9.6 % |
| | | Y | 5.24 | 67.12 | 16.57 | | 130.0 | |
| | | Z | 5.12 | 66.97 | 16.54 | | 130.0 | |
| 10600-AAB | IEEE 802.11n (HT Mixed, 40MHz, MCS1, 90pc duty cycle) | X | 5.25 | 67.36 | 16.68 | 0.46 | 130.0 | ± 9.6 % |
| | | Y | 5.32 | 67.41 | 16.68 | | 130.0 | |
| | | Z | 5.23 | 67.37 | 16.71 | | 130.0 | |
| 10601-AAB | IEEE 802.11n (HT Mixed, 40MHz, MCS2, 90pc duty cycle) | X | 5.16 | 67.17 | 16.61 | 0.46 | 130.0 | ± 9.6 % |
| | | Y | 5.24 | 67.24 | 16.62 | | 130.0 | |
| | | Z | 5.14 | 67.18 | 16.63 | | 130.0 | |
| 10602-AAB | IEEE 802.11n (HT Mixed, 40MHz, MCS3, 90pc duty cycle) | X | 5.23 | 67.10 | 16.49 | 0.46 | 130.0 | ± 9.6 % |
| | | Y | 5.32 | 67.26 | 16.54 | | 130.0 | |
| | | Z | 5.20 | 67.09 | 16.50 | | 130.0 | |
| 10603-AAB | IEEE 802.11n (HT Mixed, 40MHz, MCS4, 90pc duty cycle) | X | 5.29 | 67.40 | 16.79 | 0.46 | 130.0 | ± 9.6 % |
| | | Y | 5.40 | 67.58 | 16.84 | | 130.0 | |
| | | Z | 5.25 | 67.36 | 16.78 | | 130.0 | |
| 10604-AAB | IEEE 802.11n (HT Mixed, 40MHz, MCS5, 90pc duty cycle) | X | 5.15 | 66.92 | 16.52 | 0.46 | 130.0 | ± 9.6 % |
| | | Y | 5.29 | 67.24 | 16.65 | | 130.0 | |
| | | Z | 5.10 | 66.83 | 16.49 | | 130.0 | |
| 10605-AAB | IEEE 802.11n (HT Mixed, 40MHz, MCS6, 90pc duty cycle) | X | 5.22 | 67.15 | 16.63 | 0.46 | 130.0 | ± 9.6 % |
| | | Y | 5.32 | 67.32 | 16.68 | | 130.0 | |
| | | Z | 5.18 | 67.12 | 16.63 | | 130.0 | |
| 10606-AAB | IEEE 802.11n (HT Mixed, 40MHz, MCS7, 90pc duty cycle) | X | 5.03 | 66.64 | 16.22 | 0.46 | 130.0 | ± 9.6 % |
| | | Y | 5.10 | 66.76 | 16.25 | | 130.0 | |
| | | Z | 5.00 | 66.63 | 16.23 | | 130.0 | |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 10607-AAB | IEEE 802.11ac WiFi (20MHz, MCS0, 90pc duty cycle) | X | 4.29 | 65.81 | 15.85 | 0.46 | 130.0 | ± 9.6 % |
| | | Y | 4.42 | 66.06 | 16.00 | | 130.0 | |
| | | Z | 4.25 | 65.75 | 15.82 | | 130.0 | |
| 10608-AAB | IEEE 802.11ac WiFi (20MHz, MCS1, 90pc duty cycle) | X | 4.42 | 66.11 | 15.99 | 0.46 | 130.0 | ± 9.6 % |
| | | Y | 4.56 | 66.38 | 16.14 | | 130.0 | |
| | | Z | 4.37 | 66.05 | 15.96 | | 130.0 | |
| 10609-AAB | IEEE 802.11ac WiFi (20MHz, MCS2, 90pc duty cycle) | X | 4.31 | 65.92 | 15.79 | 0.46 | 130.0 | ± 9.6 % |
| | | Y | 4.45 | 66.21 | 15.96 | | 130.0 | |
| | | Z | 4.26 | 65.86 | 15.76 | | 130.0 | |
| 10610-AAB | IEEE 802.11ac WiFi (20MHz, MCS3, 90pc duty cycle) | X | 4.37 | 66.12 | 15.98 | 0.46 | 130.0 | ± 9.6 % |
| | | Y | 4.50 | 66.39 | 16.13 | | 130.0 | |
| | | Z | 4.32 | 66.06 | 15.95 | | 130.0 | |
| 10611-AAB | IEEE 802.11ac WiFi (20MHz, MCS4, 90pc duty cycle) | X | 4.28 | 65.89 | 15.81 | 0.46 | 130.0 | ± 9.6 % |
| | | Y | 4.42 | 66.17 | 15.97 | | 130.0 | |
| | | Z | 4.23 | 65.82 | 15.77 | | 130.0 | |
| 10612-AAB | IEEE 802.11ac WiFi (20MHz, MCS5, 90pc duty cycle) | X | 4.26 | 65.98 | 15.83 | 0.46 | 130.0 | ± 9.6 % |
| | | Y | 4.41 | 66.28 | 16.00 | | 130.0 | |
| | | Z | 4.21 | 65.91 | 15.79 | | 130.0 | |
| 10613-AAB | IEEE 802.11ac WiFi (20MHz, MCS6, 90pc duty cycle) | X | 4.25 | 65.79 | 15.66 | 0.46 | 130.0 | ± 9.6 % |
| | | Y | 4.40 | 66.10 | 15.84 | | 130.0 | |
| | | Z | 4.20 | 65.71 | 15.62 | | 130.0 | |
| 10614-AAB | IEEE 802.11ac WiFi (20MHz, MCS7, 90pc duty cycle) | X | 4.24 | 66.07 | 15.95 | 0.46 | 130.0 | ± 9.6 % |
| | | Y | 4.38 | 66.36 | 16.12 | | 130.0 | |
| | | Z | 4.19 | 66.00 | 15.92 | | 130.0 | |
| 10615-AAB | IEEE 802.11ac WiFi (20MHz, MCS8, 90pc duty cycle) | X | 4.26 | 65.69 | 15.54 | 0.46 | 130.0 | ± 9.6 % |
| | | Y | 4.40 | 65.98 | 15.72 | | 130.0 | |
| | | Z | 4.21 | 65.62 | 15.50 | | 130.0 | |
| 10616-AAB | IEEE 802.11ac WiFi (40MHz, MCS0, 90pc duty cycle) | X | 4.94 | 66.11 | 16.08 | 0.46 | 130.0 | ± 9.6 % |
| | | Y | 5.05 | 66.36 | 16.17 | | 130.0 | |
| | | Z | 4.90 | 66.05 | 16.07 | | 130.0 | |
| 10617-AAB | IEEE 802.11ac WiFi (40MHz, MCS1, 90pc duty cycle) | X | 4.97 | 66.21 | 16.10 | 0.46 | 130.0 | ± 9.6 % |
| | | Y | 5.09 | 66.47 | 16.21 | | 130.0 | |
| | | Z | 4.93 | 66.15 | 16.09 | | 130.0 | |
| 10618-AAB | IEEE 802.11ac WiFi (40MHz, MCS2, 90pc duty cycle) | X | 4.88 | 66.27 | 16.14 | 0.46 | 130.0 | ± 9.6 % |
| | | Y | 5.01 | 66.56 | 16.26 | | 130.0 | |
| | | Z | 4.84 | 66.19 | 16.12 | | 130.0 | |
| 10619-AAB | IEEE 802.11ac WiFi (40MHz, MCS3, 90pc duty cycle) | X | 4.92 | 66.16 | 16.02 | 0.46 | 130.0 | ± 9.6 % |
| | | Y | 5.02 | 66.35 | 16.09 | | 130.0 | |
| | | Z | 4.89 | 66.13 | 16.02 | | 130.0 | |
| 10620-AAB | IEEE 802.11ac WiFi (40MHz, MCS4, 90pc duty cycle) | X | 4.98 | 66.11 | 16.04 | 0.46 | 130.0 | ± 9.6 % |
| | | Y | 5.09 | 66.35 | 16.14 | | 130.0 | |
| | | Z | 4.93 | 66.04 | 16.03 | | 130.0 | |
| 10621-AAB | IEEE 802.11ac WiFi (40MHz, MCS5, 90pc duty cycle) | X | 4.99 | 66.24 | 16.25 | 0.46 | 130.0 | ± 9.6 % |
| | | Y | 5.11 | 66.51 | 16.34 | | 130.0 | |
| | | Z | 4.95 | 66.18 | 16.23 | | 130.0 | |
| 10622-AAB | IEEE 802.11ac WiFi (40MHz, MCS6, 90pc duty cycle) | X | 4.98 | 66.33 | 16.28 | 0.46 | 130.0 | ± 9.6 % |
| | | Y | 5.09 | 66.59 | 16.38 | | 130.0 | |
| | | Z | 4.93 | 66.27 | 16.27 | | 130.0 | |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 10623-AAB | IEEE 802.11ac WiFi (40MHz, MCS7, 90pc duty cycle) | X | 4.87 | 65.87 | 15.90 | 0.46 | 130.0 | ± 9.6 % |
| | | Y | 4.98 | 66.13 | 16.01 | | 130.0 | |
| | | Z | 4.83 | 65.81 | 15.88 | | 130.0 | |
| 10624-AAB | IEEE 802.11ac WiFi (40MHz, MCS8, 90pc duty cycle) | X | 5.06 | 66.14 | 16.11 | 0.46 | 130.0 | ± 9.6 % |
| | | Y | 5.18 | 66.39 | 16.20 | | 130.0 | |
| | | Z | 5.02 | 66.09 | 16.10 | | 130.0 | |
| 10625-AAB | IEEE 802.11ac WiFi (40MHz, MCS9, 90pc duty cycle) | X | 5.16 | 66.33 | 16.28 | 0.46 | 130.0 | ± 9.6 % |
| | | Y | 5.27 | 66.55 | 16.35 | | 130.0 | |
| | | Z | 5.13 | 66.33 | 16.30 | | 130.0 | |
| 10626-AAB | IEEE 802.11ac WiFi (80MHz, MCS0, 90pc duty cycle) | X | 5.28 | 66.12 | 16.04 | 0.46 | 130.0 | ± 9.6 % |
| | | Y | 5.38 | 66.40 | 16.13 | | 130.0 | |
| | | Z | 5.25 | 66.05 | 16.02 | | 130.0 | |
| 10627-AAB | IEEE 802.11ac WiFi (80MHz, MCS1, 90pc duty cycle) | X | 5.52 | 66.78 | 16.34 | 0.46 | 130.0 | ± 9.6 % |
| | | Y | 5.59 | 66.94 | 16.37 | | 130.0 | |
| | | Z | 5.49 | 66.76 | 16.35 | | 130.0 | |
| 10628-AAB | IEEE 802.11ac WiFi (80MHz, MCS2, 90pc duty cycle) | X | 5.27 | 66.08 | 15.91 | 0.46 | 130.0 | ± 9.6 % |
| | | Y | 5.37 | 66.36 | 16.01 | | 130.0 | |
| | | Z | 5.23 | 66.00 | 15.89 | | 130.0 | |
| 10629-AAB | IEEE 802.11ac WiFi (80MHz, MCS3, 90pc duty cycle) | X | 5.40 | 66.37 | 16.06 | 0.46 | 130.0 | ± 9.6 % |
| | | Y | 5.46 | 66.50 | 16.08 | | 130.0 | |
| | | Z | 5.39 | 66.38 | 16.08 | | 130.0 | |
| 10630-AAB | IEEE 802.11ac WiFi (80MHz, MCS4, 90pc duty cycle) | X | 5.59 | 67.15 | 16.45 | 0.46 | 130.0 | ± 9.6 % |
| | | Y | 5.68 | 67.36 | 16.51 | | 130.0 | |
| | | Z | 5.56 | 67.10 | 16.45 | | 130.0 | |
| 10631-AAB | IEEE 802.11ac WiFi (80MHz, MCS5, 90pc duty cycle) | X | 5.57 | 67.24 | 16.70 | 0.46 | 130.0 | ± 9.6 % |
| | | Y | 5.68 | 67.50 | 16.78 | | 130.0 | |
| | | Z | 5.54 | 67.18 | 16.70 | | 130.0 | |
| 10632-AAB | IEEE 802.11ac WiFi (80MHz, MCS6, 90pc duty cycle) | X | 5.54 | 67.06 | 16.63 | 0.46 | 130.0 | ± 9.6 % |
| | | Y | 5.59 | 67.12 | 16.61 | | 130.0 | |
| | | Z | 5.53 | 67.09 | 16.67 | | 130.0 | |
| 10633-AAB | IEEE 802.11ac WiFi (80MHz, MCS7, 90pc duty cycle) | X | 5.29 | 66.15 | 15.99 | 0.46 | 130.0 | ± 9.6 % |
| | | Y | 5.41 | 66.49 | 16.11 | | 130.0 | |
| | | Z | 5.25 | 66.07 | 15.97 | | 130.0 | |
| 10634-AAB | IEEE 802.11ac WiFi (80MHz, MCS8, 90pc duty cycle) | X | 5.33 | 66.38 | 16.16 | 0.46 | 130.0 | ± 9.6 % |
| | | Y | 5.44 | 66.66 | 16.26 | | 130.0 | |
| | | Z | 5.29 | 66.31 | 16.14 | | 130.0 | |
| 10635-AAB | IEEE 802.11ac WiFi (80MHz, MCS9, 90pc duty cycle) | X | 5.17 | 65.56 | 15.45 | 0.46 | 130.0 | ± 9.6 % |
| | | Y | 5.28 | 65.86 | 15.57 | | 130.0 | |
| | | Z | 5.13 | 65.47 | 15.43 | | 130.0 | |
| 10636-AAC | IEEE 802.11ac WiFi (160MHz, MCS0, 90pc duty cycle) | X | 5.73 | 66.49 | 16.13 | 0.46 | 130.0 | ± 9.6 % |
| | | Y | 5.81 | 66.74 | 16.21 | | 130.0 | |
| | | Z | 5.70 | 66.42 | 16.13 | | 130.0 | |
| 10637-AAC | IEEE 802.11ac WiFi (160MHz, MCS1, 90pc duty cycle) | X | 5.84 | 66.78 | 16.27 | 0.46 | 130.0 | ± 9.6 % |
| | | Y | 5.92 | 67.02 | 16.34 | | 130.0 | |
| | | Z | 5.81 | 66.73 | 16.27 | | 130.0 | |
| 10638-AAC | IEEE 802.11ac WiFi (160MHz, MCS2, 90pc duty cycle) | X | 5.87 | 66.88 | 16.29 | 0.46 | 130.0 | ± 9.6 % |
| | | Y | 5.95 | 67.09 | 16.35 | | 130.0 | |
| | | Z | 5.85 | 66.83 | 16.30 | | 130.0 | |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 10639-AAC | IEEE 802.11ac WiFi (160MHz, MCS3, 90pc duty cycle) | X | 5.82 | 66.72 | 16.26 | 0.46 | 130.0 | ± 9.6 % |
| | | Y | 5.91 | 66.98 | 16.34 | | 130.0 | |
| | | Z | 5.78 | 66.65 | 16.25 | | 130.0 | |
| 10640-AAC | IEEE 802.11ac WiFi (160MHz, MCS4, 90pc duty cycle) | X | 5.75 | 66.53 | 16.10 | 0.46 | 130.0 | ± 9.6 % |
| | | Y | 5.87 | 66.88 | 16.23 | | 130.0 | |
| | | Z | 5.71 | 66.44 | 16.08 | | 130.0 | |
| 10641-AAC | IEEE 802.11ac WiFi (160MHz, MCS5, 90pc duty cycle) | X | 5.88 | 66.71 | 16.21 | 0.46 | 130.0 | ± 9.6 % |
| | | Y | 5.95 | 66.92 | 16.27 | | 130.0 | |
| | | Z | 5.86 | 66.66 | 16.22 | | 130.0 | |
| 10642-AAC | IEEE 802.11ac WiFi (160MHz, MCS6, 90pc duty cycle) | X | 5.89 | 66.89 | 16.48 | 0.46 | 130.0 | ± 9.6 % |
| | | Y | 5.99 | 67.17 | 16.57 | | 130.0 | |
| | | Z | 5.86 | 66.81 | 16.47 | | 130.0 | |
| 10643-AAC | IEEE 802.11ac WiFi (160MHz, MCS7, 90pc duty cycle) | X | 5.74 | 66.55 | 16.19 | 0.46 | 130.0 | ± 9.6 % |
| | | Y | 5.83 | 66.83 | 16.28 | | 130.0 | |
| | | Z | 5.70 | 66.47 | 16.17 | | 130.0 | |
| 10644-AAC | IEEE 802.11ac WiFi (160MHz, MCS8, 90pc duty cycle) | X | 5.78 | 66.70 | 16.29 | 0.46 | 130.0 | ± 9.6 % |
| | | Y | 5.90 | 67.04 | 16.41 | | 130.0 | |
| | | Z | 5.74 | 66.61 | 16.27 | | 130.0 | |
| 10645-AAC | IEEE 802.11ac WiFi (160MHz, MCS9, 90pc duty cycle) | X | 5.92 | 66.80 | 16.31 | 0.46 | 130.0 | ± 9.6 % |
| | | Y | 6.01 | 67.03 | 16.37 | | 130.0 | |
| | | Z | 5.89 | 66.74 | 16.30 | | 130.0 | |
| 10646-AAD | LTE-TDD (SC-FDMA, 1 RB, 5 MHz, QPSK, UL Subframe=2,7) | X | 6.65 | 88.74 | 30.05 | 9.30 | 60.0 | ± 9.6 % |
| | | Y | 8.23 | 94.73 | 32.66 | | 60.0 | |
| | | Z | 6.39 | 88.05 | 29.85 | | 60.0 | |
| 10647-AAC | LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK, UL Subframe=2,7) | X | 5.91 | 86.69 | 29.42 | 9.30 | 60.0 | ± 9.6 % |
| | | Y | 7.10 | 91.84 | 31.77 | | 60.0 | |
| | | Z | 5.69 | 86.07 | 29.25 | | 60.0 | |
| 10648-AAA | CDMA2000 (1x Advanced) | X | 0.36 | 60.00 | 5.83 | 0.00 | 150.0 | ± 9.6 % |
| | | Y | 0.50 | 61.68 | 8.36 | | 150.0 | |
| | | Z | 0.33 | 60.00 | 5.17 | | 150.0 | |
| 10652-AAB | LTE-TDD (OFDMA, 5 MHz, E-TM 3.1, Clipping 44%) | X | 3.05 | 65.69 | 15.32 | 2.23 | 80.0 | ± 9.6 % |
| | | Y | 3.22 | 66.27 | 15.85 | | 80.0 | |
| | | Z | 2.99 | 65.60 | 15.22 | | 80.0 | |
| 10653-AAB | LTE-TDD (OFDMA, 10 MHz, E-TM 3.1, Clipping 44%) | X | 3.64 | 65.31 | 15.89 | 2.23 | 80.0 | ± 9.6 % |
| | | Y | 3.77 | 65.67 | 16.17 | | 80.0 | |
| | | Z | 3.60 | 65.24 | 15.85 | | 80.0 | |
| 10654-AAB | LTE-TDD (OFDMA, 15 MHz, E-TM 3.1, Clipping 44%) | X | 3.68 | 64.97 | 15.98 | 2.23 | 80.0 | ± 9.6 % |
| | | Y | 3.79 | 65.31 | 16.21 | | 80.0 | |
| | | Z | 3.64 | 64.90 | 15.95 | | 80.0 | |
| 10655-AAB | LTE-TDD (OFDMA, 20 MHz, E-TM 3.1, Clipping 44%) | X | 3.77 | 64.89 | 16.03 | 2.23 | 80.0 | ± 9.6 % |
| | | Y | 3.86 | 65.24 | 16.25 | | 80.0 | |
| | | Z | 3.73 | 64.81 | 16.01 | | 80.0 | |
| 10658-AAA | Pulse Waveform (200Hz, 10%) | X | 3.54 | 68.51 | 11.98 | 10.00 | 50.0 | ± 9.6 % |
| | | Y | 5.15 | 73.38 | 13.93 | | 50.0 | |
| | | Z | 3.41 | 67.92 | 11.73 | | 50.0 | |
| 10659-AAA | Pulse Waveform (200Hz, 20%) | X | 2.16 | 66.64 | 10.02 | 6.99 | 60.0 | ± 9.6 % |
| | | Y | 14.97 | 85.17 | 16.48 | | 60.0 | |
| | | Z | 1.90 | 65.37 | 9.39 | | 60.0 | |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 10660-AAA | Pulse Waveform (200Hz, 40%) | X | 0.76 | 62.07 | 6.59 | 3.98 | 80.0 | ± 9.6 % |
| | | Y | 100.00 | 100.31 | 18.54 | | 80.0 | |
| | | Z | 0.57 | 60.16 | 5.36 | | 80.0 | |
| 10661-AAA | Pulse Waveform (200Hz, 60%) | X | 0.31 | 60.00 | 4.25 | 2.22 | 100.0 | ± 9.6 % |
| | | Y | 100.00 | 98.70 | 16.90 | | 100.0 | |
| | | Z | 0.31 | 60.00 | 3.71 | | 100.0 | |
| 10662-AAA | Pulse Waveform (200Hz, 80%) | X | 1.11 | 176.76 | 3.81 | 0.97 | 120.0 | ± 9.6 % |
| | | Y | 100.00 | 88.63 | 11.90 | | 120.0 | |
| | | Z | 0.42 | 169.81 | 5.95 | | 120.0 | |

[E] Uncertainty is determined using the max. deviation from linear response applying rectangular distribution and is expressed for the square of the field value.