

## DASY/EASY - Parameters of Probe: EX3DV4 - SN:7350

### Basic Calibration Parameters

|   | Sensor X | Sensor Y | Sensor Z | Unc (k=2)     |
|---|----------|----------|----------|---------------|
| Norm ( $\mu\text{V}/(\text{V}/\text{m})^2$ ) <sup>A</sup> | 0.55     | 0.56     | 0.46     | $\pm 10.1 \%$ |
| DCP (mV) <sup>B</sup>                                     | 99.4     | 101.6    | 101.4    |               |

### Calibration Results for Modulation Response

| UID           | Communication System Name   |   | A<br>dB | B<br>dB $\sqrt{\mu\text{V}}$ | C     | D<br>dB | VR<br>mV | Max<br>dev.  | Max<br>Unc <sup>E</sup><br>(k=2) |
|---------------|-----------------------------|---|---------|------------------------------|-------|---------|----------|--------------|----------------------------------|
| 0             | CW                          | X | 0.00    | 0.00                         | 1.00  | 0.00    | 149.8    | $\pm 3.3 \%$ | $\pm 4.7 \%$                     |
|               |                             | Y | 0.00    | 0.00                         | 1.00  |         | 129.3    |              |                                  |
|               |                             | Z | 0.00    | 0.00                         | 1.00  |         | 134.2    |              |                                  |
| 10352-<br>AAA | Pulse Waveform (200Hz, 10%) | X | 15.00   | 85.25                        | 17.61 | 10.00   | 60.0     | $\pm 3.3 \%$ | $\pm 9.6 \%$                     |
|               |                             | Y | 15.00   | 85.14                        | 17.64 |         | 60.0     |              |                                  |
|               |                             | Z | 4.24    | 71.11                        | 12.36 |         | 60.0     |              |                                  |
| 10353-<br>AAA | Pulse Waveform (200Hz, 20%) | X | 15.00   | 87.56                        | 17.58 | 6.99    | 80.0     | $\pm 2.3 \%$ | $\pm 9.6 \%$                     |
|               |                             | Y | 15.00   | 87.50                        | 17.34 |         | 80.0     |              |                                  |
|               |                             | Z | 15.00   | 83.78                        | 15.18 |         | 80.0     |              |                                  |
| 10354-<br>AAA | Pulse Waveform (200Hz, 40%) | X | 15.00   | 94.06                        | 19.39 | 3.98    | 95.0     | $\pm 1.3 \%$ | $\pm 9.6 \%$                     |
|               |                             | Y | 15.00   | 90.96                        | 17.26 |         | 95.0     |              |                                  |
|               |                             | Z | 15.00   | 88.05                        | 15.75 |         | 95.0     |              |                                  |
| 10355-<br>AAA | Pulse Waveform (200Hz, 60%) | X | 15.00   | 108.55                       | 24.76 | 2.22    | 120.0    | $\pm 1.5 \%$ | $\pm 9.6 \%$                     |
|               |                             | Y | 15.00   | 82.50                        | 11.91 |         | 120.0    |              |                                  |
|               |                             | Z | 15.00   | 150.82                       | 41.87 |         | 120.0    |              |                                  |
| 10387-<br>AAA | QPSK Waveform, 1 MHz        | X | 0.65    | 62.14                        | 8.75  | 0.00    | 150.0    | $\pm 3.2 \%$ | $\pm 9.6 \%$                     |
|               |                             | Y | 0.49    | 60.00                        | 6.34  |         | 150.0    |              |                                  |
|               |                             | Z | 0.41    | 60.00                        | 5.72  |         | 150.0    |              |                                  |
| 10388-<br>AAA | QPSK Waveform, 10 MHz       | X | 2.44    | 70.45                        | 17.17 | 0.00    | 150.0    | $\pm 1.5 \%$ | $\pm 9.6 \%$                     |
|               |                             | Y | 2.07    | 67.74                        | 15.54 |         | 150.0    |              |                                  |
|               |                             | Z | 2.63    | 73.08                        | 18.68 |         | 150.0    |              |                                  |
| 10396-<br>AAA | 64-QAM Waveform, 100 kHz    | X | 3.14    | 73.10                        | 20.21 | 3.01    | 150.0    | $\pm 1.2 \%$ | $\pm 9.6 \%$                     |
|               |                             | Y | 2.54    | 68.30                        | 17.82 |         | 150.0    |              |                                  |
|               |                             | Z | 3.08    | 74.93                        | 21.53 |         | 150.0    |              |                                  |
| 10399-<br>AAA | 64-QAM Waveform, 40 MHz     | X | 3.62    | 68.13                        | 16.44 | 0.00    | 150.0    | $\pm 2.0 \%$ | $\pm 9.6 \%$                     |
|               |                             | Y | 3.43    | 67.07                        | 15.76 |         | 150.0    |              |                                  |
|               |                             | Z | 3.63    | 68.84                        | 16.97 |         | 150.0    |              |                                  |
| 10414-<br>AAA | WLAN CCDF, 64-QAM, 40MHz    | X | 4.72    | 65.66                        | 15.66 | 0.00    | 150.0    | $\pm 4.1 \%$ | $\pm 9.6 \%$                     |
|               |                             | Y | 4.74    | 65.71                        | 15.63 |         | 150.0    |              |                                  |
|               |                             | Z | 4.65    | 66.19                        | 16.05 |         | 150.0    |              |                                  |

Note: For details on UID parameters see Appendix

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%.

<sup>A</sup> The uncertainties of Norm X,Y,Z do not affect the  $E^2$ -field uncertainty inside TSL (see Page 5).

<sup>B</sup> Numerical linearization parameter: uncertainty not required.

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

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### Sensor Model Parameters

|   | C1<br>fF | C2<br>fF | $\alpha$<br>V <sup>-1</sup> | T1<br>ms.V <sup>-2</sup> | T2<br>ms.V <sup>-1</sup> | T3<br>ms | T4<br>V <sup>-2</sup> | T5<br>V <sup>-1</sup> | T6   |
|---|----------|----------|-----------------------------|--------------------------|--------------------------|----------|-----------------------|-----------------------|------|
| X | 38.4     | 283.89   | 35.10                       | 8.84                     | 0.00                     | 5.05     | 1.47                  | 0.14                  | 1.01 |
| Y | 36.6     | 279.54   | 36.99                       | 5.02                     | 0.01                     | 5.09     | 0.11                  | 0.41                  | 1.01 |
| Z | 29.4     | 216.46   | 35.01                       | 5.14                     | 0.00                     | 5.03     | 1.59                  | 0.00                  | 1.01 |

### Other Probe Parameters

|   |            |
|---|------------|
| Sensor Arrangement                            | Triangular |
| Connector Angle (°)                           | 129.3      |
| 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     |

## DASY/EASY - Parameters of Probe: EX3DV4 - SN:7350

### Calibration Parameter Determined in Head Tissue Simulating Media

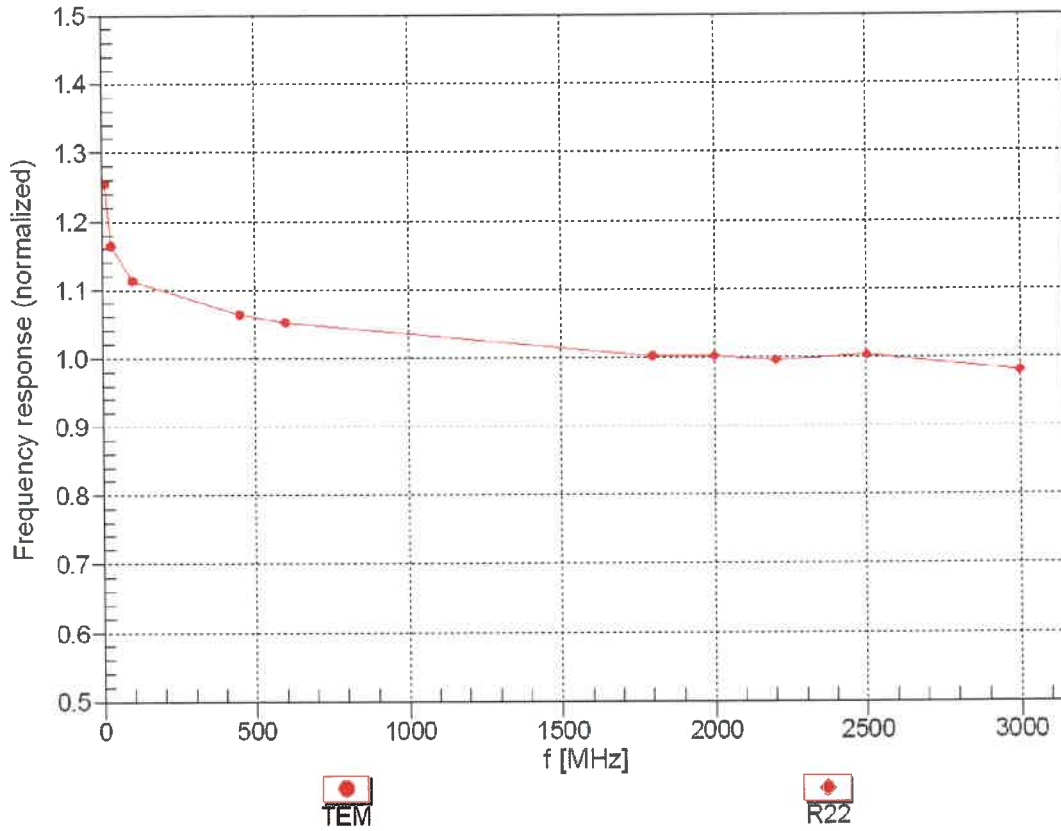
| f (MHz) <sup>C</sup> | Relative Permittivity <sup>F</sup> | Conductivity (S/m) <sup>F</sup> | ConvF X | ConvF Y | ConvF Z | Alpha <sup>G</sup> | Depth <sup>G</sup> (mm) | Unc (k=2) |
|----------------------|------------------------------------|---------------------------------|---------|---------|---------|--------------------|-------------------------|-----------|
| 750                  | 41.9                               | 0.89                            | 10.00   | 10.00   | 10.00   | 0.59               | 0.89                    | ± 12.0 %  |
| 835                  | 41.5                               | 0.90                            | 9.79    | 9.79    | 9.79    | 0.66               | 0.81                    | ± 12.0 %  |
| 900                  | 41.5                               | 0.97                            | 9.56    | 9.56    | 9.56    | 0.50               | 0.90                    | ± 12.0 %  |
| 1450                 | 40.5                               | 1.20                            | 8.71    | 8.71    | 8.71    | 0.36               | 0.80                    | ± 12.0 %  |
| 1750                 | 40.1                               | 1.37                            | 8.54    | 8.54    | 8.54    | 0.43               | 0.86                    | ± 12.0 %  |
| 1900                 | 40.0                               | 1.40                            | 8.25    | 8.25    | 8.25    | 0.34               | 0.86                    | ± 12.0 %  |
| 2100                 | 39.8                               | 1.49                            | 8.12    | 8.12    | 8.12    | 0.33               | 0.88                    | ± 12.0 %  |
| 2300                 | 39.5                               | 1.67                            | 7.98    | 7.98    | 7.98    | 0.32               | 0.90                    | ± 12.0 %  |
| 2450                 | 39.2                               | 1.80                            | 7.70    | 7.70    | 7.70    | 0.35               | 0.88                    | ± 12.0 %  |
| 2600                 | 39.0                               | 1.96                            | 7.48    | 7.48    | 7.48    | 0.41               | 0.88                    | ± 12.0 %  |
| 3300                 | 38.2                               | 2.71                            | 7.10    | 7.10    | 7.10    | 0.30               | 1.35                    | ± 13.1 %  |
| 3500                 | 37.9                               | 2.91                            | 6.98    | 6.98    | 6.98    | 0.30               | 1.30                    | ± 13.1 %  |
| 3700                 | 37.7                               | 3.12                            | 6.90    | 6.90    | 6.90    | 0.35               | 1.35                    | ± 13.1 %  |
| 3900                 | 37.5                               | 3.32                            | 6.66    | 6.66    | 6.66    | 0.40               | 1.60                    | ± 13.1 %  |
| 4100                 | 37.2                               | 3.53                            | 6.31    | 6.31    | 6.31    | 0.40               | 1.60                    | ± 13.1 %  |
| 4200                 | 37.1                               | 3.63                            | 6.24    | 6.24    | 6.24    | 0.35               | 1.60                    | ± 13.1 %  |
| 4400                 | 36.9                               | 3.84                            | 6.16    | 6.16    | 6.16    | 0.35               | 1.70                    | ± 13.1 %  |
| 4600                 | 36.7                               | 4.04                            | 6.14    | 6.14    | 6.14    | 0.45               | 1.60                    | ± 13.1 %  |
| 4800                 | 36.4                               | 4.25                            | 6.03    | 6.03    | 6.03    | 0.40               | 1.80                    | ± 13.1 %  |
| 4950                 | 36.3                               | 4.40                            | 5.81    | 5.81    | 5.81    | 0.40               | 1.80                    | ± 13.1 %  |
| 5250                 | 35.9                               | 4.71                            | 5.31    | 5.31    | 5.31    | 0.40               | 1.80                    | ± 13.1 %  |
| 5600                 | 35.5                               | 5.07                            | 4.55    | 4.55    | 4.55    | 0.40               | 1.80                    | ± 13.1 %  |
| 5750                 | 35.4                               | 5.22                            | 4.75    | 4.75    | 4.75    | 0.40               | 1.80                    | ± 13.1 %  |

<sup>C</sup> 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. Validity of ConvF assessed at 6 MHz is 4-9 MHz, and ConvF assessed at 13 MHz is 9-19 MHz. Above 5 GHz frequency validity can be extended to ± 110 MHz.

<sup>F</sup> At frequencies below 3 GHz, the validity of tissue parameters ( $\epsilon$  and  $\sigma$ ) 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 ( $\epsilon$  and  $\sigma$ ) is restricted to ± 5%. The uncertainty is the RSS of the ConvF uncertainty for indicated target tissue parameters.

<sup>G</sup> 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.

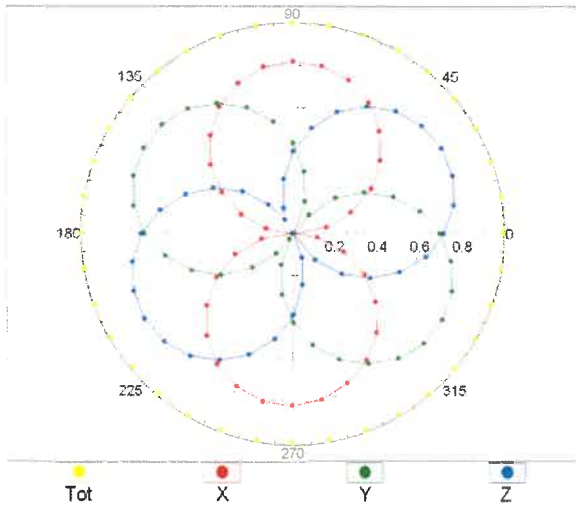
### Frequency Response of E-Field (TEM-Cell:ifi110 EXX, Waveguide: R22)



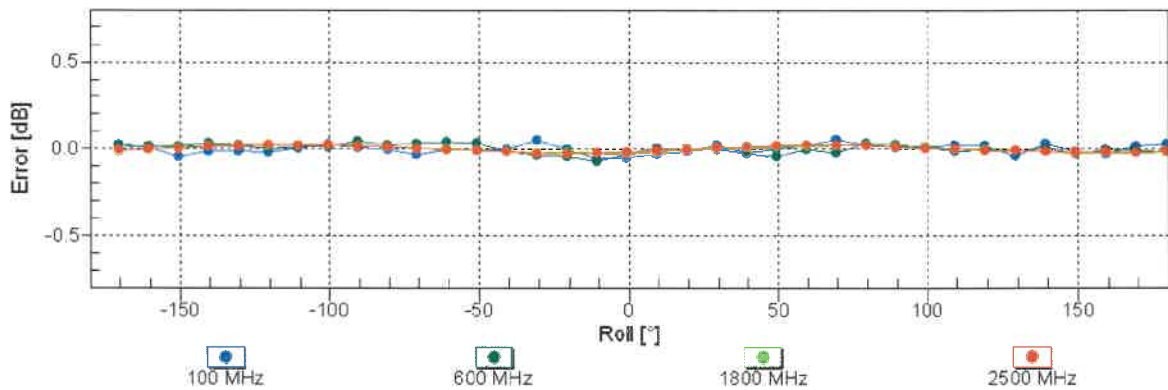
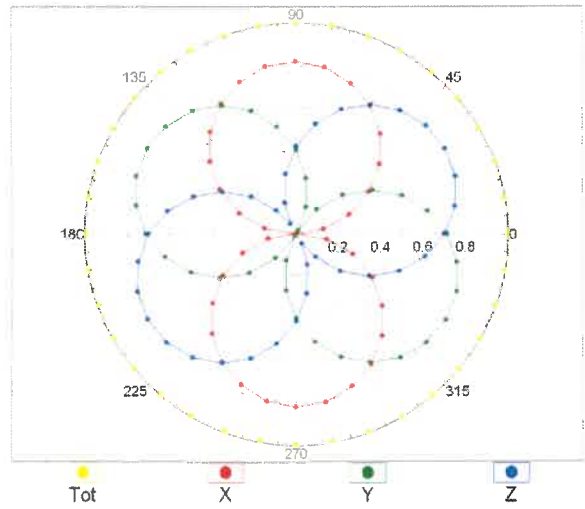
Uncertainty of Frequency Response of E-field:  $\pm 6.3\%$  (k=2)

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

f=600 MHz,TEM

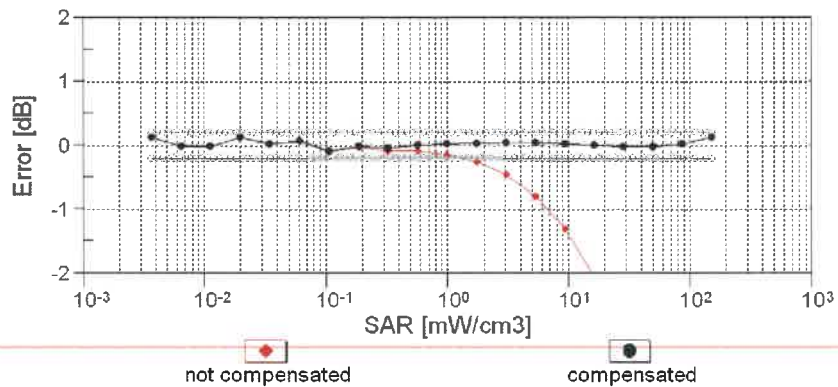
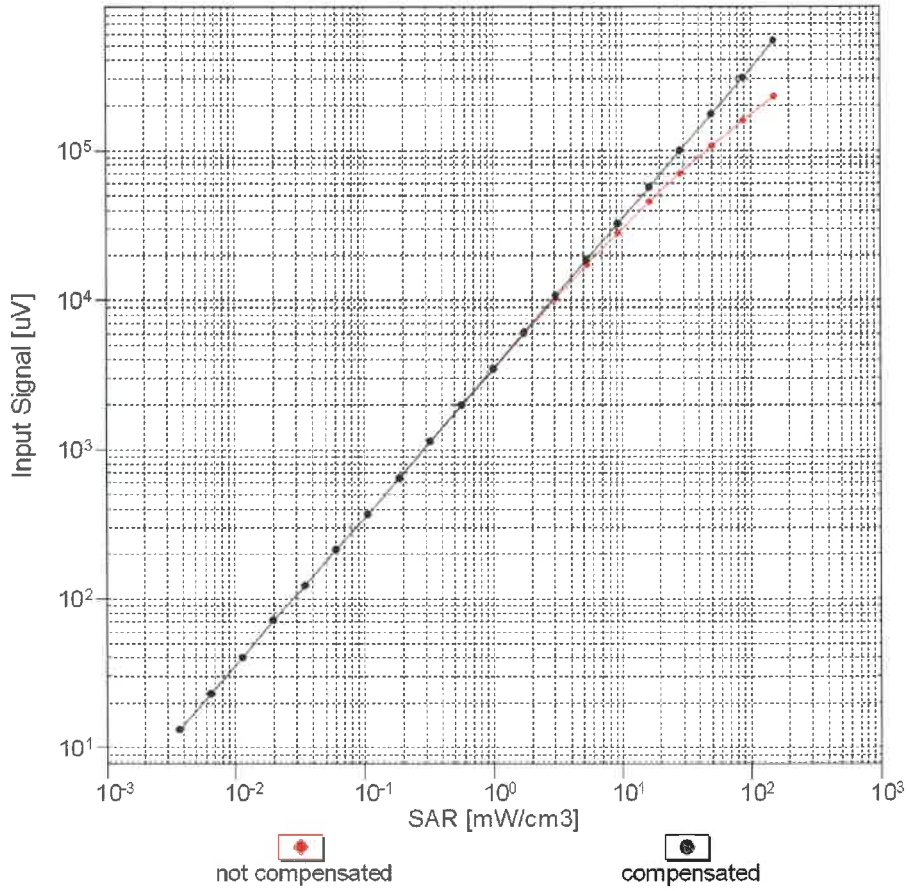


f=1800 MHz,R22



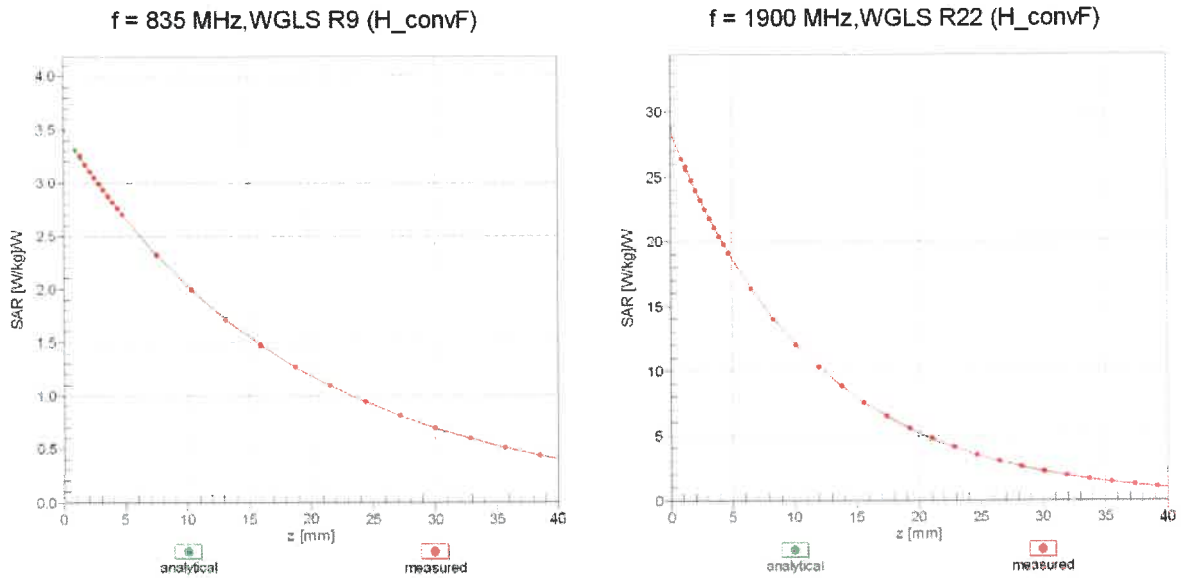
Uncertainty of Axial Isotropy Assessment:  $\pm 0.5\%$  (k=2)

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



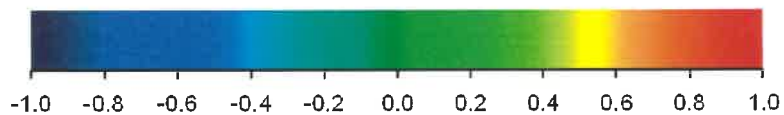
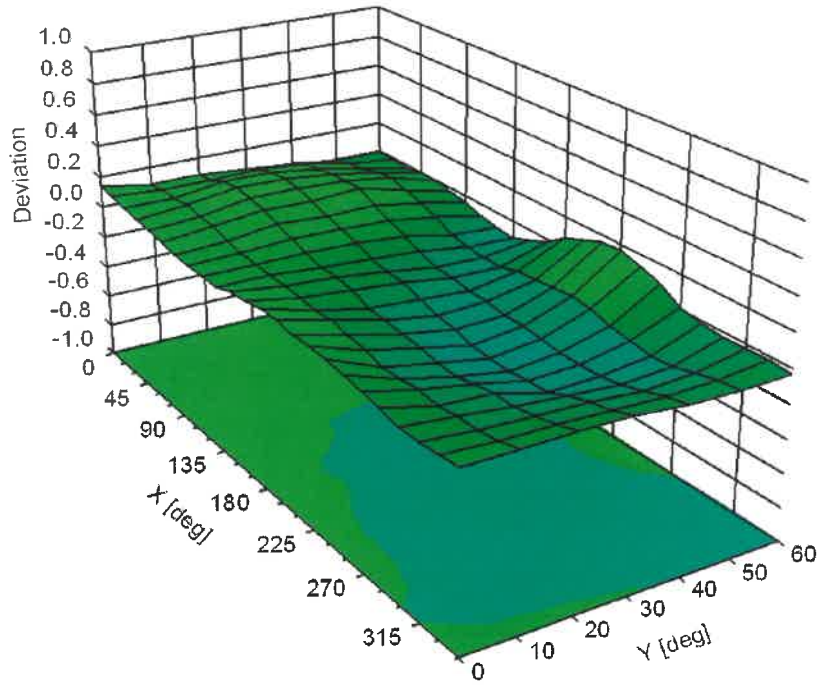
Uncertainty of Linearity Assessment:  $\pm 0.6\%$  ( $k=2$ )

# Conversion Factor Assessment



## Deviation from Isotropy in Liquid

Error ( $\phi, \vartheta$ ), f = 900 MHz



Uncertainty of Spherical Isotropy Assessment:  $\pm 2.6\%$  (k=2)

## Appendix: Modulation Calibration Parameters

| UID   | Rev | Communication System Name                           | Group     | PAR (dB) | Unc <sup>E</sup> (k=2) |
|-------|-----|---|-----------|----------|------------------------|
| 0     |     | CW  | CW        | 0.00     | ± 4.7 %                |
| 10010 | CAA | SAR Validation (Square, 100ms, 10ms)                | Test      | 10.00    | ± 9.6 %                |
| 10011 | CAB | UMTS-FDD (WCDMA)                                    | WCDMA     | 2.91     | ± 9.6 %                |
| 10012 | CAB | IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps)            | WLAN      | 1.87     | ± 9.6 %                |
| 10013 | CAB | IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps)       | WLAN      | 9.46     | ± 9.6 %                |
| 10021 | DAC | GSM-FDD (TDMA, GMSK)                                | GSM       | 9.39     | ± 9.6 %                |
| 10023 | DAC | GPRS-FDD (TDMA, GMSK, TN 0)                         | GSM       | 9.57     | ± 9.6 %                |
| 10024 | DAC | GPRS-FDD (TDMA, GMSK, TN 0-1)                       | GSM       | 6.56     | ± 9.6 %                |
| 10025 | DAC | EDGE-FDD (TDMA, 8PSK, TN 0)                         | GSM       | 12.62    | ± 9.6 %                |
| 10026 | DAC | EDGE-FDD (TDMA, 8PSK, TN 0-1)                       | GSM       | 9.55     | ± 9.6 %                |
| 10027 | DAC | GPRS-FDD (TDMA, GMSK, TN 0-1-2)                     | GSM       | 4.80     | ± 9.6 %                |
| 10028 | DAC | GPRS-FDD (TDMA, GMSK, TN 0-1-2-3)                   | GSM       | 3.55     | ± 9.6 %                |
| 10029 | DAC | EDGE-FDD (TDMA, 8PSK, TN 0-1-2)                     | GSM       | 7.78     | ± 9.6 %                |
| 10030 | CAA | IEEE 802.15.1 Bluetooth (GFSK, DH1)                 | Bluetooth | 5.30     | ± 9.6 %                |
| 10031 | CAA | IEEE 802.15.1 Bluetooth (GFSK, DH3)                 | Bluetooth | 1.87     | ± 9.6 %                |
| 10032 | CAA | IEEE 802.15.1 Bluetooth (GFSK, DH5)                 | Bluetooth | 1.16     | ± 9.6 %                |
| 10033 | CAA | IEEE 802.15.1 Bluetooth (PI/4-DQPSK, DH1)           | Bluetooth | 7.74     | ± 9.6 %                |
| 10034 | CAA | IEEE 802.15.1 Bluetooth (PI/4-DQPSK, DH3)           | Bluetooth | 4.53     | ± 9.6 %                |
| 10035 | CAA | IEEE 802.15.1 Bluetooth (PI/4-DQPSK, DH5)           | Bluetooth | 3.83     | ± 9.6 %                |
| 10036 | CAA | IEEE 802.15.1 Bluetooth (8-DPSK, DH1)               | Bluetooth | 8.01     | ± 9.6 %                |
| 10037 | CAA | IEEE 802.15.1 Bluetooth (8-DPSK, DH3)               | Bluetooth | 4.77     | ± 9.6 %                |
| 10038 | CAA | IEEE 802.15.1 Bluetooth (8-DPSK, DH5)               | Bluetooth | 4.10     | ± 9.6 %                |
| 10039 | CAB | CDMA2000 (1xRTT, RC1)                               | CDMA2000  | 4.57     | ± 9.6 %                |
| 10042 | CAB | IS-54 / IS-136 FDD (TDMA/FDM, PI/4-DQPSK, Halfrate) | AMPS      | 7.78     | ± 9.6 %                |
| 10044 | CAA | IS-91/EIA/TIA-553 FDD (FDMA, FM)                    | AMPS      | 0.00     | ± 9.6 %                |
| 10048 | CAA | DECT (TDD, TDMA/FDM, GFSK, Full Slot, 24)           | DECT      | 13.80    | ± 9.6 %                |
| 10049 | CAA | DECT (TDD, TDMA/FDM, GFSK, Double Slot, 12)         | DECT      | 10.79    | ± 9.6 %                |
| 10056 | CAA | UMTS-TDD (TD-SCDMA, 1.28 Mcps)                      | TD-SCDMA  | 11.01    | ± 9.6 %                |
| 10058 | DAC | EDGE-FDD (TDMA, 8PSK, TN 0-1-2-3)                   | GSM       | 6.52     | ± 9.6 %                |
| 10059 | CAB | IEEE 802.11b WiFi 2.4 GHz (DSSS, 2 Mbps)            | WLAN      | 2.12     | ± 9.6 %                |
| 10060 | CAB | IEEE 802.11b WiFi 2.4 GHz (DSSS, 5.5 Mbps)          | WLAN      | 2.83     | ± 9.6 %                |
| 10061 | CAB | IEEE 802.11b WiFi 2.4 GHz (DSSS, 11 Mbps)           | WLAN      | 3.60     | ± 9.6 %                |
| 10062 | CAC | IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps)            | WLAN      | 8.68     | ± 9.6 %                |
| 10063 | CAC | IEEE 802.11a/h WiFi 5 GHz (OFDM, 9 Mbps)            | WLAN      | 8.63     | ± 9.6 %                |
| 10064 | CAC | IEEE 802.11a/h WiFi 5 GHz (OFDM, 12 Mbps)           | WLAN      | 9.09     | ± 9.6 %                |
| 10065 | CAC | IEEE 802.11a/h WiFi 5 GHz (OFDM, 18 Mbps)           | WLAN      | 9.00     | ± 9.6 %                |
| 10066 | CAC | IEEE 802.11a/h WiFi 5 GHz (OFDM, 24 Mbps)           | WLAN      | 9.38     | ± 9.6 %                |
| 10067 | CAC | IEEE 802.11a/h WiFi 5 GHz (OFDM, 36 Mbps)           | WLAN      | 10.12    | ± 9.6 %                |
| 10068 | CAC | IEEE 802.11a/h WiFi 5 GHz (OFDM, 48 Mbps)           | WLAN      | 10.24    | ± 9.6 %                |
| 10069 | CAC | IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps)           | WLAN      | 10.56    | ± 9.6 %                |
| 10071 | CAB | IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 9 Mbps)       | WLAN      | 9.83     | ± 9.6 %                |
| 10072 | CAB | IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 12 Mbps)      | WLAN      | 9.62     | ± 9.6 %                |
| 10073 | CAB | IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 18 Mbps)      | WLAN      | 9.94     | ± 9.6 %                |
| 10074 | CAB | IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 24 Mbps)      | WLAN      | 10.30    | ± 9.6 %                |
| 10075 | CAB | IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 36 Mbps)      | WLAN      | 10.77    | ± 9.6 %                |
| 10076 | CAB | IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 48 Mbps)      | WLAN      | 10.94    | ± 9.6 %                |
| 10077 | CAB | IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 54 Mbps)      | WLAN      | 11.00    | ± 9.6 %                |
| 10081 | CAB | CDMA2000 (1xRTT, RC3)                               | CDMA2000  | 3.97     | ± 9.6 %                |
| 10082 | CAB | IS-54 / IS-136 FDD (TDMA/FDM, PI/4-DQPSK, Fullrate) | AMPS      | 4.77     | ± 9.6 %                |
| 10090 | DAC | GPRS-FDD (TDMA, GMSK, TN 0-4)                       | GSM       | 6.56     | ± 9.6 %                |
| 10097 | CAB | UMTS-FDD (HSDPA)                                    | WCDMA     | 3.98     | ± 9.6 %                |
| 10098 | CAB | UMTS-FDD (HSUPA, Subtest 2)                         | WCDMA     | 3.98     | ± 9.6 %                |
| 10099 | DAC | EDGE-FDD (TDMA, 8PSK, TN 0-4)                       | GSM       | 9.55     | ± 9.6 %                |
| 10100 | CAE | LTE-FDD (SC-FDMA, 100% RB, 20 MHz, QPSK)            | LTE-FDD   | 5.67     | ± 9.6 %                |
| 10101 | CAE | LTE-FDD (SC-FDMA, 100% RB, 20 MHz, 16-QAM)          | LTE-FDD   | 6.42     | ± 9.6 %                |
| 10102 | CAE | LTE-FDD (SC-FDMA, 100% RB, 20 MHz, 64-QAM)          | LTE-FDD   | 6.60     | ± 9.6 %                |
| 10103 | CAG | LTE-TDD (SC-FDMA, 100% RB, 20 MHz, QPSK)            | LTE-TDD   | 9.29     | ± 9.6 %                |
| 10104 | CAG | LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 16-QAM)          | LTE-TDD   | 9.97     | ± 9.6 %                |
| 10105 | CAG | LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 64-QAM)          | LTE-TDD   | 10.01    | ± 9.6 %                |
| 10108 | CAG | LTE-FDD (SC-FDMA, 100% RB, 10 MHz, QPSK)            | LTE-FDD   | 5.80     | ± 9.6 %                |



|       |     |  |         |       |         |
|-------|-----|--|---------|-------|---------|
| 10109 | CAG | LTE-FDD (SC-FDMA, 100% RB, 10 MHz, 16-QAM)     | LTE-FDD | 6.43  | ± 9.6 % |
| 10110 | CAG | LTE-FDD (SC-FDMA, 100% RB, 5 MHz, QPSK)        | LTE-FDD | 5.75  | ± 9.6 % |
| 10111 | CAG | LTE-FDD (SC-FDMA, 100% RB, 5 MHz, 16-QAM)      | LTE-FDD | 6.44  | ± 9.6 % |
| 10112 | CAG | LTE-FDD (SC-FDMA, 100% RB, 10 MHz, 64-QAM)     | LTE-FDD | 6.59  | ± 9.6 % |
| 10113 | CAG | LTE-FDD (SC-FDMA, 100% RB, 5 MHz, 64-QAM)      | LTE-FDD | 6.62  | ± 9.6 % |
| 10114 | CAC | IEEE 802.11n (HT Greenfield, 13.5 Mbps, BPSK)  | WLAN    | 8.10  | ± 9.6 % |
| 10115 | CAC | IEEE 802.11n (HT Greenfield, 81 Mbps, 16-QAM)  | WLAN    | 8.46  | ± 9.6 % |
| 10116 | CAC | IEEE 802.11n (HT Greenfield, 135 Mbps, 64-QAM) | WLAN    | 8.15  | ± 9.6 % |
| 10117 | CAC | IEEE 802.11n (HT Mixed, 13.5 Mbps, BPSK)       | WLAN    | 8.07  | ± 9.6 % |
| 10118 | CAC | IEEE 802.11n (HT Mixed, 81 Mbps, 16-QAM)       | WLAN    | 8.59  | ± 9.6 % |
| 10119 | CAC | IEEE 802.11n (HT Mixed, 135 Mbps, 64-QAM)      | WLAN    | 8.13  | ± 9.6 % |
| 10140 | CAE | LTE-FDD (SC-FDMA, 100% RB, 15 MHz, 16-QAM)     | LTE-FDD | 6.49  | ± 9.6 % |
| 10141 | CAE | LTE-FDD (SC-FDMA, 100% RB, 15 MHz, 64-QAM)     | LTE-FDD | 6.53  | ± 9.6 % |
| 10142 | CAE | LTE-FDD (SC-FDMA, 100% RB, 3 MHz, QPSK)        | LTE-FDD | 5.73  | ± 9.6 % |
| 10143 | CAE | LTE-FDD (SC-FDMA, 100% RB, 3 MHz, 16-QAM)      | LTE-FDD | 6.35  | ± 9.6 % |
| 10144 | CAE | LTE-FDD (SC-FDMA, 100% RB, 3 MHz, 64-QAM)      | LTE-FDD | 6.65  | ± 9.6 % |
| 10145 | CAF | LTE-FDD (SC-FDMA, 100% RB, 1.4 MHz, QPSK)      | LTE-FDD | 5.76  | ± 9.6 % |
| 10146 | CAF | LTE-FDD (SC-FDMA, 100% RB, 1.4 MHz, 16-QAM)    | LTE-FDD | 6.41  | ± 9.6 % |
| 10147 | CAF | LTE-FDD (SC-FDMA, 100% RB, 1.4 MHz, 64-QAM)    | LTE-FDD | 6.72  | ± 9.6 % |
| 10149 | CAE | LTE-FDD (SC-FDMA, 50% RB, 20 MHz, 16-QAM)      | LTE-FDD | 6.42  | ± 9.6 % |
| 10150 | CAE | LTE-FDD (SC-FDMA, 50% RB, 20 MHz, 64-QAM)      | LTE-FDD | 6.60  | ± 9.6 % |
| 10151 | CAG | LTE-TDD (SC-FDMA, 50% RB, 20 MHz, QPSK)        | LTE-TDD | 9.28  | ± 9.6 % |
| 10152 | CAG | LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 16-QAM)      | LTE-TDD | 9.92  | ± 9.6 % |
| 10153 | CAG | LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 64-QAM)      | LTE-TDD | 10.05 | ± 9.6 % |
| 10154 | CAG | LTE-FDD (SC-FDMA, 50% RB, 10 MHz, QPSK)        | LTE-FDD | 5.75  | ± 9.6 % |
| 10155 | CAG | LTE-FDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM)      | LTE-FDD | 6.43  | ± 9.6 % |
| 10156 | CAG | LTE-FDD (SC-FDMA, 50% RB, 5 MHz, QPSK)         | LTE-FDD | 5.79  | ± 9.6 % |
| 10157 | CAG | LTE-FDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM)       | LTE-FDD | 6.49  | ± 9.6 % |
| 10158 | CAG | LTE-FDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM)      | LTE-FDD | 6.62  | ± 9.6 % |
| 10159 | CAG | LTE-FDD (SC-FDMA, 50% RB, 5 MHz, 64-QAM)       | LTE-FDD | 6.56  | ± 9.6 % |
| 10160 | CAE | LTE-FDD (SC-FDMA, 50% RB, 15 MHz, QPSK)        | LTE-FDD | 5.82  | ± 9.6 % |
| 10161 | CAE | LTE-FDD (SC-FDMA, 50% RB, 15 MHz, 16-QAM)      | LTE-FDD | 6.43  | ± 9.6 % |
| 10162 | CAE | LTE-FDD (SC-FDMA, 50% RB, 15 MHz, 64-QAM)      | LTE-FDD | 6.58  | ± 9.6 % |
| 10166 | CAF | LTE-FDD (SC-FDMA, 50% RB, 1.4 MHz, QPSK)       | LTE-FDD | 5.46  | ± 9.6 % |
| 10167 | CAF | LTE-FDD (SC-FDMA, 50% RB, 1.4 MHz, 16-QAM)     | LTE-FDD | 6.21  | ± 9.6 % |
| 10168 | CAF | LTE-FDD (SC-FDMA, 50% RB, 1.4 MHz, 64-QAM)     | LTE-FDD | 6.79  | ± 9.6 % |
| 10169 | CAE | LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK)          | LTE-FDD | 5.73  | ± 9.6 % |
| 10170 | CAE | LTE-FDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM)        | LTE-FDD | 6.52  | ± 9.6 % |
| 10171 | AAE | LTE-FDD (SC-FDMA, 1 RB, 20 MHz, 64-QAM)        | LTE-FDD | 6.49  | ± 9.6 % |
| 10172 | CAG | LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK)          | LTE-TDD | 9.21  | ± 9.6 % |
| 10173 | CAG | LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM)        | LTE-TDD | 9.48  | ± 9.6 % |
| 10174 | CAG | LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 64-QAM)        | LTE-TDD | 10.25 | ± 9.6 % |
| 10175 | CAG | LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK)          | LTE-FDD | 5.72  | ± 9.6 % |
| 10176 | CAG | LTE-FDD (SC-FDMA, 1 RB, 10 MHz, 16-QAM)        | LTE-FDD | 6.52  | ± 9.6 % |
| 10177 | CAI | LTE-FDD (SC-FDMA, 1 RB, 5 MHz, QPSK)           | LTE-FDD | 5.73  | ± 9.6 % |
| 10178 | CAG | LTE-FDD (SC-FDMA, 1 RB, 5 MHz, 16-QAM)         | LTE-FDD | 6.52  | ± 9.6 % |
| 10179 | CAG | LTE-FDD (SC-FDMA, 1 RB, 10 MHz, 64-QAM)        | LTE-FDD | 6.50  | ± 9.6 % |
| 10180 | CAG | LTE-FDD (SC-FDMA, 1 RB, 5 MHz, 64-QAM)         | LTE-FDD | 6.50  | ± 9.6 % |
| 10181 | CAE | LTE-FDD (SC-FDMA, 1 RB, 15 MHz, QPSK)          | LTE-FDD | 5.72  | ± 9.6 % |
| 10182 | CAE | LTE-FDD (SC-FDMA, 1 RB, 15 MHz, 16-QAM)        | LTE-FDD | 6.52  | ± 9.6 % |
| 10183 | AAD | LTE-FDD (SC-FDMA, 1 RB, 15 MHz, 64-QAM)        | LTE-FDD | 6.50  | ± 9.6 % |
| 10184 | CAE | LTE-FDD (SC-FDMA, 1 RB, 3 MHz, QPSK)           | LTE-FDD | 5.73  | ± 9.6 % |
| 10185 | CAE | LTE-FDD (SC-FDMA, 1 RB, 3 MHz, 16-QAM)         | LTE-FDD | 6.51  | ± 9.6 % |
| 10186 | AAE | LTE-FDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM)         | LTE-FDD | 6.50  | ± 9.6 % |
| 10187 | CAF | LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, QPSK)         | LTE-FDD | 5.73  | ± 9.6 % |
| 10188 | CAF | LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM)       | LTE-FDD | 6.52  | ± 9.6 % |
| 10189 | AAF | LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM)       | LTE-FDD | 6.50  | ± 9.6 % |
| 10193 | CAC | IEEE 802.11n (HT Greenfield, 6.5 Mbps, BPSK)   | WLAN    | 8.09  | ± 9.6 % |
| 10194 | CAC | IEEE 802.11n (HT Greenfield, 39 Mbps, 16-QAM)  | WLAN    | 8.12  | ± 9.6 % |
| 10195 | CAC | IEEE 802.11n (HT Greenfield, 65 Mbps, 64-QAM)  | WLAN    | 8.21  | ± 9.6 % |
| 10196 | CAC | IEEE 802.11n (HT Mixed, 6.5 Mbps, BPSK)        | WLAN    | 8.10  | ± 9.6 % |
| 10197 | CAC | IEEE 802.11n (HT Mixed, 39 Mbps, 16-QAM)       | WLAN    | 8.13  | ± 9.6 % |
| 10198 | CAC | IEEE 802.11n (HT Mixed, 65 Mbps, 64-QAM)       | WLAN    | 8.27  | ± 9.6 % |
| 10219 | CAC | IEEE 802.11n (HT Mixed, 7.2 Mbps, BPSK)        | WLAN    | 8.03  | ± 9.6 % |

|       |     |   |          |       |         |
|-------|-----|---|----------|-------|---------|
| 10220 | CAC | IEEE 802.11n (HT Mixed, 43.3 Mbps, 16-QAM)  | WLAN     | 8.13  | ± 9.6 % |
| 10221 | CAC | IEEE 802.11n (HT Mixed, 72.2 Mbps, 64-QAM)  | WLAN     | 8.27  | ± 9.6 % |
| 10222 | CAC | IEEE 802.11n (HT Mixed, 15 Mbps, BPSK)      | WLAN     | 8.06  | ± 9.6 % |
| 10223 | CAC | IEEE 802.11n (HT Mixed, 90 Mbps, 16-QAM)    | WLAN     | 8.48  | ± 9.6 % |
| 10224 | CAC | IEEE 802.11n (HT Mixed, 150 Mbps, 64-QAM)   | WLAN     | 8.08  | ± 9.6 % |
| 10225 | CAB | UMTS-FDD (HSPA+)                            | WCDMA    | 5.97  | ± 9.6 % |
| 10226 | CAB | LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM)    | LTE-TDD  | 9.49  | ± 9.6 % |
| 10227 | CAB | LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM)    | LTE-TDD  | 10.26 | ± 9.6 % |
| 10228 | CAB | LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, QPSK)      | LTE-TDD  | 9.22  | ± 9.6 % |
| 10229 | CAD | LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 16-QAM)      | LTE-TDD  | 9.48  | ± 9.6 % |
| 10230 | CAD | LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM)      | LTE-TDD  | 10.25 | ± 9.6 % |
| 10231 | CAD | LTE-TDD (SC-FDMA, 1 RB, 3 MHz, QPSK)        | LTE-TDD  | 9.19  | ± 9.6 % |
| 10232 | CAG | LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 16-QAM)      | LTE-TDD  | 9.48  | ± 9.6 % |
| 10233 | CAG | LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 64-QAM)      | LTE-TDD  | 10.25 | ± 9.6 % |
| 10234 | CAG | LTE-TDD (SC-FDMA, 1 RB, 5 MHz, QPSK)        | LTE-TDD  | 9.21  | ± 9.6 % |
| 10235 | CAG | LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 16-QAM)     | LTE-TDD  | 9.48  | ± 9.6 % |
| 10236 | CAG | LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 64-QAM)     | LTE-TDD  | 10.25 | ± 9.6 % |
| 10237 | CAG | LTE-TDD (SC-FDMA, 1 RB, 10 MHz, QPSK)       | LTE-TDD  | 9.21  | ± 9.6 % |
| 10238 | CAF | LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 16-QAM)     | LTE-TDD  | 9.48  | ± 9.6 % |
| 10239 | CAF | LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 64-QAM)     | LTE-TDD  | 10.25 | ± 9.6 % |
| 10240 | CAF | LTE-TDD (SC-FDMA, 1 RB, 15 MHz, QPSK)       | LTE-TDD  | 9.21  | ± 9.6 % |
| 10241 | CAB | LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 16-QAM)  | LTE-TDD  | 9.82  | ± 9.6 % |
| 10242 | CAB | LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 64-QAM)  | LTE-TDD  | 9.86  | ± 9.6 % |
| 10243 | CAB | LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, QPSK)    | LTE-TDD  | 9.46  | ± 9.6 % |
| 10244 | CAD | LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 16-QAM)    | LTE-TDD  | 10.06 | ± 9.6 % |
| 10245 | CAD | LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 64-QAM)    | LTE-TDD  | 10.06 | ± 9.6 % |
| 10246 | CAD | LTE-TDD (SC-FDMA, 50% RB, 3 MHz, QPSK)      | LTE-TDD  | 9.30  | ± 9.6 % |
| 10247 | CAG | LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM)    | LTE-TDD  | 9.91  | ± 9.6 % |
| 10248 | CAG | LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 64-QAM)    | LTE-TDD  | 10.09 | ± 9.6 % |
| 10249 | CAG | LTE-TDD (SC-FDMA, 50% RB, 5 MHz, QPSK)      | LTE-TDD  | 9.29  | ± 9.6 % |
| 10250 | CAG | LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM)   | LTE-TDD  | 9.81  | ± 9.6 % |
| 10251 | CAG | LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM)   | LTE-TDD  | 10.17 | ± 9.6 % |
| 10252 | CAG | LTE-TDD (SC-FDMA, 50% RB, 10 MHz, QPSK)     | LTE-TDD  | 9.24  | ± 9.6 % |
| 10253 | CAF | LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 16-QAM)   | LTE-TDD  | 9.90  | ± 9.6 % |
| 10254 | CAF | LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 64-QAM)   | LTE-TDD  | 10.14 | ± 9.6 % |
| 10255 | CAF | LTE-TDD (SC-FDMA, 50% RB, 15 MHz, QPSK)     | LTE-TDD  | 9.20  | ± 9.6 % |
| 10256 | CAB | LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 16-QAM) | LTE-TDD  | 9.96  | ± 9.6 % |
| 10257 | CAB | LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 64-QAM) | LTE-TDD  | 10.08 | ± 9.6 % |
| 10258 | CAB | LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, QPSK)   | LTE-TDD  | 9.34  | ± 9.6 % |
| 10259 | CAD | LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 16-QAM)   | LTE-TDD  | 9.98  | ± 9.6 % |
| 10260 | CAD | LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 64-QAM)   | LTE-TDD  | 9.97  | ± 9.6 % |
| 10261 | CAD | LTE-TDD (SC-FDMA, 100% RB, 3 MHz, QPSK)     | LTE-TDD  | 9.24  | ± 9.6 % |
| 10262 | CAG | LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 16-QAM)   | LTE-TDD  | 9.83  | ± 9.6 % |
| 10263 | CAG | LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 64-QAM)   | LTE-TDD  | 10.16 | ± 9.6 % |
| 10264 | CAG | LTE-TDD (SC-FDMA, 100% RB, 5 MHz, QPSK)     | LTE-TDD  | 9.23  | ± 9.6 % |
| 10265 | CAG | LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 16-QAM)  | LTE-TDD  | 9.92  | ± 9.6 % |
| 10266 | CAG | LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 64-QAM)  | LTE-TDD  | 10.07 | ± 9.6 % |
| 10267 | CAG | LTE-TDD (SC-FDMA, 100% RB, 10 MHz, QPSK)    | LTE-TDD  | 9.30  | ± 9.6 % |
| 10268 | CAF | LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 16-QAM)  | LTE-TDD  | 10.06 | ± 9.6 % |
| 10269 | CAF | LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 64-QAM)  | LTE-TDD  | 10.13 | ± 9.6 % |
| 10270 | CAF | LTE-TDD (SC-FDMA, 100% RB, 15 MHz, QPSK)    | LTE-TDD  | 9.58  | ± 9.6 % |
| 10274 | CAB | UMTS-FDD (HSUPA, Subtest 5, 3GPP Rel8.10)   | WCDMA    | 4.87  | ± 9.6 % |
| 10275 | CAB | UMTS-FDD (HSUPA, Subtest 5, 3GPP Rel8.4)    | WCDMA    | 3.96  | ± 9.6 % |
| 10277 | CAA | PHS (QPSK)                                  | PHS      | 11.81 | ± 9.6 % |
| 10278 | CAA | PHS (QPSK, BW 884MHz, Rolloff 0.5)          | PHS      | 11.81 | ± 9.6 % |
| 10279 | CAA | PHS (QPSK, BW 884MHz, Rolloff 0.38)         | PHS      | 12.18 | ± 9.6 % |
| 10290 | AAB | CDMA2000, RC1, SO55, Full Rate              | CDMA2000 | 3.91  | ± 9.6 % |
| 10291 | AAB | CDMA2000, RC3, SO55, Full Rate              | CDMA2000 | 3.46  | ± 9.6 % |
| 10292 | AAB | CDMA2000, RC3, SO32, Full Rate              | CDMA2000 | 3.39  | ± 9.6 % |
| 10293 | AAB | CDMA2000, RC3, SO3, Full Rate               | CDMA2000 | 3.50  | ± 9.6 % |
| 10295 | AAB | CDMA2000, RC1, SO3, 1/8th Rate 25 fr.       | CDMA2000 | 12.49 | ± 9.6 % |
| 10297 | AAD | LTE-FDD (SC-FDMA, 50% RB, 20 MHz, QPSK)     | LTE-FDD  | 5.81  | ± 9.6 % |
| 10298 | AAD | LTE-FDD (SC-FDMA, 50% RB, 3 MHz, QPSK)      | LTE-FDD  | 5.72  | ± 9.6 % |
| 10299 | AAD | LTE-FDD (SC-FDMA, 50% RB, 3 MHz, 16-QAM)    | LTE-FDD  | 6.39  | ± 9.6 % |

|       |     |   |          |       |         |
|-------|-----|---|----------|-------|---------|
| 10300 | AAD | LTE-FDD (SC-FDMA, 50% RB, 3 MHz, 64-QAM)  | LTE-FDD  | 6.60  | ± 9.6 % |
| 10301 | AAA | IEEE 802.16e WiMAX (29:18, 5ms, 10MHz, QPSK, PUSC)                              | WiMAX    | 12.03 | ± 9.6 % |
| 10302 | AAA | IEEE 802.16e WiMAX (29:18, 5ms, 10MHz, QPSK, PUSC, 3 CTRL symbols)              | WiMAX    | 12.57 | ± 9.6 % |
| 10303 | AAA | IEEE 802.16e WiMAX (31:15, 5ms, 10MHz, 64QAM, PUSC)                             | WiMAX    | 12.52 | ± 9.6 % |
| 10304 | AAA | IEEE 802.16e WiMAX (29:18, 5ms, 10MHz, 64QAM, PUSC)                             | WiMAX    | 11.86 | ± 9.6 % |
| 10305 | AAA | IEEE 802.16e WiMAX (31:15, 10ms, 10MHz, 64QAM, PUSC, 15 symbols)                | WiMAX    | 15.24 | ± 9.6 % |
| 10306 | AAA | IEEE 802.16e WiMAX (29:18, 10ms, 10MHz, 64QAM, PUSC, 18 symbols)                | WiMAX    | 14.67 | ± 9.6 % |
| 10307 | AAA | IEEE 802.16e WiMAX (29:18, 10ms, 10MHz, QPSK, PUSC, 18 symbols)                 | WiMAX    | 14.49 | ± 9.6 % |
| 10308 | AAA | IEEE 802.16e WiMAX (29:18, 10ms, 10MHz, 16QAM, PUSC)                            | WiMAX    | 14.46 | ± 9.6 % |
| 10309 | AAA | IEEE 802.16e WiMAX (29:18, 10ms, 10MHz, 16QAM, AMC 2x3, 18 symbols)             | WiMAX    | 14.58 | ± 9.6 % |
| 10310 | AAA | IEEE 802.16e WiMAX (29:18, 10ms, 10MHz, QPSK, AMC 2x3, 18 symbols)              | WiMAX    | 14.57 | ± 9.6 % |
| 10311 | AAD | LTE-FDD (SC-FDMA, 100% RB, 15 MHz, QPSK)  | LTE-FDD  | 6.06  | ± 9.6 % |
| 10313 | AAA | iDEN 1:3  | iDEN     | 10.51 | ± 9.6 % |
| 10314 | AAA | iDEN 1:6  | iDEN     | 13.48 | ± 9.6 % |
| 10315 | AAB | IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps, 96pc duty cycle)                       | WLAN     | 1.71  | ± 9.6 % |
| 10316 | AAB | IEEE 802.11g WiFi 2.4 GHz (ERP-OFDM, 6 Mbps, 96pc duty cycle)                   | WLAN     | 8.36  | ± 9.6 % |
| 10317 | AAC | IEEE 802.11a WiFi 5 GHz (OFDM, 6 Mbps, 96pc duty cycle)                         | WLAN     | 8.36  | ± 9.6 % |
| 10352 | AAA | Pulse Waveform (200Hz, 10%)   | Generic  | 10.00 | ± 9.6 % |
| 10353 | AAA | Pulse Waveform (200Hz, 20%)   | Generic  | 6.99  | ± 9.6 % |
| 10354 | AAA | Pulse Waveform (200Hz, 40%)   | Generic  | 3.98  | ± 9.6 % |
| 10355 | AAA | Pulse Waveform (200Hz, 60%)   | Generic  | 2.22  | ± 9.6 % |
| 10356 | AAA | Pulse Waveform (200Hz, 80%)   | Generic  | 0.97  | ± 9.6 % |
| 10387 | AAA | QPSK Waveform, 1 MHz  | Generic  | 5.10  | ± 9.6 % |
| 10388 | AAA | QPSK Waveform, 10 MHz   | Generic  | 5.22  | ± 9.6 % |
| 10396 | AAA | 64-QAM Waveform, 100 kHz  | Generic  | 6.27  | ± 9.6 % |
| 10399 | AAA | 64-QAM Waveform, 40 MHz   | Generic  | 6.27  | ± 9.6 % |
| 10400 | AAD | IEEE 802.11ac WiFi (20MHz, 64-QAM, 99pc duty cycle)                             | WLAN     | 8.37  | ± 9.6 % |
| 10401 | AAD | IEEE 802.11ac WiFi (40MHz, 64-QAM, 99pc duty cycle)                             | WLAN     | 8.60  | ± 9.6 % |
| 10402 | AAD | IEEE 802.11ac WiFi (80MHz, 64-QAM, 99pc duty cycle)                             | WLAN     | 8.53  | ± 9.6 % |
| 10403 | AAB | CDMA2000 (1xEV-DO, Rev. 0)  | CDMA2000 | 3.76  | ± 9.6 % |
| 10404 | AAB | CDMA2000 (1xEV-DO, Rev. A)  | CDMA2000 | 3.77  | ± 9.6 % |
| 10406 | AAB | CDMA2000, RC3, SO32, SCH0, Full Rate  | CDMA2000 | 5.22  | ± 9.6 % |
| 10410 | AAG | LTE-TDD (SC-FDMA, 1 RB, 10 MHz, QPSK, UL Subframe=2,3,4,7,8,9, Subframe Conf=4) | LTE-TDD  | 7.82  | ± 9.6 % |
| 10414 | AAA | WLAN CCDF, 64-QAM, 40MHz  | Generic  | 8.54  | ± 9.6 % |
| 10415 | AAA | IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps, 99pc duty cycle)                       | WLAN     | 1.54  | ± 9.6 % |
| 10416 | AAA | IEEE 802.11g WiFi 2.4 GHz (ERP-OFDM, 6 Mbps, 99pc duty cycle)                   | WLAN     | 8.23  | ± 9.6 % |
| 10417 | AAB | IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps, 99pc duty cycle)                       | WLAN     | 8.23  | ± 9.6 % |
| 10418 | AAA | IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps, 99pc duty cycle, Long preamble)   | WLAN     | 8.14  | ± 9.6 % |
| 10419 | AAA | IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps, 99pc duty cycle, Short preamble)  | WLAN     | 8.19  | ± 9.6 % |
| 10422 | AAB | IEEE 802.11n (HT Greenfield, 7.2 Mbps, BPSK)                                    | WLAN     | 8.32  | ± 9.6 % |
| 10423 | AAB | IEEE 802.11n (HT Greenfield, 43.3 Mbps, 16-QAM)                                 | WLAN     | 8.47  | ± 9.6 % |
| 10424 | AAB | IEEE 802.11n (HT Greenfield, 72.2 Mbps, 64-QAM)                                 | WLAN     | 8.40  | ± 9.6 % |
| 10425 | AAB | IEEE 802.11n (HT Greenfield, 15 Mbps, BPSK)                                     | WLAN     | 8.41  | ± 9.6 % |
| 10426 | AAB | IEEE 802.11n (HT Greenfield, 90 Mbps, 16-QAM)                                   | WLAN     | 8.45  | ± 9.6 % |
| 10427 | AAB | IEEE 802.11n (HT Greenfield, 150 Mbps, 64-QAM)                                  | WLAN     | 8.41  | ± 9.6 % |
| 10430 | AAD | LTE-FDD (OFDMA, 5 MHz, E-TM 3.1)  | LTE-FDD  | 8.28  | ± 9.6 % |
| 10431 | AAD | LTE-FDD (OFDMA, 10 MHz, E-TM 3.1)   | LTE-FDD  | 8.38  | ± 9.6 % |
| 10432 | AAC | LTE-FDD (OFDMA, 15 MHz, E-TM 3.1)   | LTE-FDD  | 8.34  | ± 9.6 % |
| 10433 | AAC | LTE-FDD (OFDMA, 20 MHz, E-TM 3.1)   | LTE-FDD  | 8.34  | ± 9.6 % |
| 10434 | AAA | W-CDMA (BS Test Model 1, 64 DPCH)   | WCDMA    | 8.60  | ± 9.6 % |
| 10435 | AAF | LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK, UL Subframe=2,3,4,7,8,9)                  | LTE-TDD  | 7.82  | ± 9.6 % |
| 10447 | AAD | LTE-FDD (OFDMA, 5 MHz, E-TM 3.1, Clipping 44%)                                  | LTE-FDD  | 7.56  | ± 9.6 % |
| 10448 | AAD | LTE-FDD (OFDMA, 10 MHz, E-TM 3.1, Clipping 44%)                                 | LTE-FDD  | 7.53  | ± 9.6 % |
| 10449 | AAC | LTE-FDD (OFDMA, 15 MHz, E-TM 3.1, Clipping 44%)                                 | LTE-FDD  | 7.51  | ± 9.6 % |
| 10450 | AAC | LTE-FDD (OFDMA, 20 MHz, E-TM 3.1, Clipping 44%)                                 | LTE-FDD  | 7.48  | ± 9.6 % |

|       |     |  |          |      |         |
|-------|-----|--|----------|------|---------|
| 10451 | AAA | W-CDMA (BS Test Model 1, 64 DPCH, Clipping 44%)                        | WCDMA    | 7.59 | ± 9.6 % |
| 10456 | AAB | IEEE 802.11ac WiFi (160MHz, 64-QAM, 99pc duty cycle)                   | WLAN     | 8.63 | ± 9.6 % |
| 10457 | AAA | UMTS-FDD (DC-HSDPA)  | WCDMA    | 6.62 | ± 9.6 % |
| 10458 | AAA | CDMA2000 (1xEV-DO, Rev. B, 2 carriers)                                 | CDMA2000 | 6.55 | ± 9.6 % |
| 10459 | AAA | CDMA2000 (1xEV-DO, Rev. B, 3 carriers)                                 | CDMA2000 | 8.25 | ± 9.6 % |
| 10460 | AAA | UMTS-FDD (WCDMA, AMR)  | WCDMA    | 2.39 | ± 9.6 % |
| 10461 | AAB | LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, QPSK, UL<br>Subframe=2,3,4,7,8,9)     | LTE-TDD  | 7.82 | ± 9.6 % |
| 10462 | AAB | LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM, UL<br>Subframe=2,3,4,7,8,9)   | LTE-TDD  | 8.30 | ± 9.6 % |
| 10463 | AAB | LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM, UL<br>Subframe=2,3,4,7,8,9)   | LTE-TDD  | 8.56 | ± 9.6 % |
| 10464 | AAC | LTE-TDD (SC-FDMA, 1 RB, 3 MHz, QPSK, UL<br>Subframe=2,3,4,7,8,9)       | LTE-TDD  | 7.82 | ± 9.6 % |
| 10465 | AAC | LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 16-QAM, UL<br>Subframe=2,3,4,7,8,9)     | LTE-TDD  | 8.32 | ± 9.6 % |
| 10466 | AAC | LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM, UL<br>Subframe=2,3,4,7,8,9)     | LTE-TDD  | 8.57 | ± 9.6 % |
| 10467 | AAF | LTE-TDD (SC-FDMA, 1 RB, 5 MHz, QPSK, UL<br>Subframe=2,3,4,7,8,9)       | LTE-TDD  | 7.82 | ± 9.6 % |
| 10468 | AAF | LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 16-QAM, UL<br>Subframe=2,3,4,7,8,9)     | LTE-TDD  | 8.32 | ± 9.6 % |
| 10469 | AAF | LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 64-QAM, UL<br>Subframe=2,3,4,7,8,9)     | LTE-TDD  | 8.56 | ± 9.6 % |
| 10470 | AAF | LTE-TDD (SC-FDMA, 1 RB, 10 MHz, QPSK, UL<br>Subframe=2,3,4,7,8,9)      | LTE-TDD  | 7.82 | ± 9.6 % |
| 10471 | AAF | LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 16-QAM, UL<br>Subframe=2,3,4,7,8,9)    | LTE-TDD  | 8.32 | ± 9.6 % |
| 10472 | AAF | LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 64-QAM, UL<br>Subframe=2,3,4,7,8,9)    | LTE-TDD  | 8.57 | ± 9.6 % |
| 10473 | AAE | LTE-TDD (SC-FDMA, 1 RB, 15 MHz, QPSK, UL<br>Subframe=2,3,4,7,8,9)      | LTE-TDD  | 7.82 | ± 9.6 % |
| 10474 | AAE | LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 16-QAM, UL<br>Subframe=2,3,4,7,8,9)    | LTE-TDD  | 8.32 | ± 9.6 % |
| 10475 | AAE | LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 64-QAM, UL<br>Subframe=2,3,4,7,8,9)    | LTE-TDD  | 8.57 | ± 9.6 % |
| 10477 | AAF | LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM, UL<br>Subframe=2,3,4,7,8,9)    | LTE-TDD  | 8.32 | ± 9.6 % |
| 10478 | AAF | LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 64-QAM, UL<br>Subframe=2,3,4,7,8,9)    | LTE-TDD  | 8.57 | ± 9.6 % |
| 10479 | AAB | LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, QPSK, UL<br>Subframe=2,3,4,7,8,9)   | LTE-TDD  | 7.74 | ± 9.6 % |
| 10480 | AAB | LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 16-QAM, UL<br>Subframe=2,3,4,7,8,9) | LTE-TDD  | 8.18 | ± 9.6 % |
| 10481 | AAB | LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 64-QAM, UL<br>Subframe=2,3,4,7,8,9) | LTE-TDD  | 8.45 | ± 9.6 % |
| 10482 | AAC | LTE-TDD (SC-FDMA, 50% RB, 3 MHz, QPSK, UL<br>Subframe=2,3,4,7,8,9)     | LTE-TDD  | 7.71 | ± 9.6 % |
| 10483 | AAC | LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 16-QAM, UL<br>Subframe=2,3,4,7,8,9)   | LTE-TDD  | 8.39 | ± 9.6 % |
| 10484 | AAC | LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 64-QAM, UL<br>Subframe=2,3,4,7,8,9)   | LTE-TDD  | 8.47 | ± 9.6 % |
| 10485 | AAF | LTE-TDD (SC-FDMA, 50% RB, 5 MHz, QPSK, UL<br>Subframe=2,3,4,7,8,9)     | LTE-TDD  | 7.59 | ± 9.6 % |
| 10486 | AAF | LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM, UL<br>Subframe=2,3,4,7,8,9)   | LTE-TDD  | 8.38 | ± 9.6 % |
| 10487 | AAF | LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 64-QAM, UL<br>Subframe=2,3,4,7,8,9)   | LTE-TDD  | 8.60 | ± 9.6 % |
| 10488 | AAF | LTE-TDD (SC-FDMA, 50% RB, 10 MHz, QPSK, UL<br>Subframe=2,3,4,7,8,9)    | LTE-TDD  | 7.70 | ± 9.6 % |
| 10489 | AAF | LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM, UL<br>Subframe=2,3,4,7,8,9)  | LTE-TDD  | 8.31 | ± 9.6 % |
| 10490 | AAF | LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM, UL<br>Subframe=2,3,4,7,8,9)  | LTE-TDD  | 8.54 | ± 9.6 % |
| 10491 | AAE | LTE-TDD (SC-FDMA, 50% RB, 15 MHz, QPSK, UL<br>Subframe=2,3,4,7,8,9)    | LTE-TDD  | 7.74 | ± 9.6 % |

|       |     |  |         |      |         |
|-------|-----|--|---------|------|---------|
| 10492 | AAE | LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)   | LTE-TDD | 8.41 | ± 9.6 % |
| 10493 | AAE | LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)   | LTE-TDD | 8.55 | ± 9.6 % |
| 10494 | AAF | LTE-TDD (SC-FDMA, 50% RB, 20 MHz, QPSK, UL Subframe=2,3,4,7,8,9)     | LTE-TDD | 7.74 | ± 9.6 % |
| 10495 | AAF | LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)   | LTE-TDD | 8.37 | ± 9.6 % |
| 10496 | AAF | LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)   | LTE-TDD | 8.54 | ± 9.6 % |
| 10497 | AAB | LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, QPSK, UL Subframe=2,3,4,7,8,9)   | LTE-TDD | 7.67 | ± 9.6 % |
| 10498 | AAB | LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9) | LTE-TDD | 8.40 | ± 9.6 % |
| 10499 | AAB | LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) | LTE-TDD | 8.68 | ± 9.6 % |
| 10500 | AAC | LTE-TDD (SC-FDMA, 100% RB, 3 MHz, QPSK, UL Subframe=2,3,4,7,8,9)     | LTE-TDD | 7.67 | ± 9.6 % |
| 10501 | AAC | LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)   | LTE-TDD | 8.44 | ± 9.6 % |
| 10502 | AAC | LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)   | LTE-TDD | 8.52 | ± 9.6 % |
| 10503 | AAF | LTE-TDD (SC-FDMA, 100% RB, 5 MHz, QPSK, UL Subframe=2,3,4,7,8,9)     | LTE-TDD | 7.72 | ± 9.6 % |
| 10504 | AAF | LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)   | LTE-TDD | 8.31 | ± 9.6 % |
| 10505 | AAF | LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)   | LTE-TDD | 8.54 | ± 9.6 % |
| 10506 | AAF | LTE-TDD (SC-FDMA, 100% RB, 10 MHz, QPSK, UL Subframe=2,3,4,7,8,9)    | LTE-TDD | 7.74 | ± 9.6 % |
| 10507 | AAF | LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)  | LTE-TDD | 8.36 | ± 9.6 % |
| 10508 | AAF | LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)  | LTE-TDD | 8.55 | ± 9.6 % |
| 10509 | AAE | LTE-TDD (SC-FDMA, 100% RB, 15 MHz, QPSK, UL Subframe=2,3,4,7,8,9)    | LTE-TDD | 7.99 | ± 9.6 % |
| 10510 | AAE | LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)  | LTE-TDD | 8.49 | ± 9.6 % |
| 10511 | AAE | LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)  | LTE-TDD | 8.51 | ± 9.6 % |
| 10512 | AAF | LTE-TDD (SC-FDMA, 100% RB, 20 MHz, QPSK, UL Subframe=2,3,4,7,8,9)    | LTE-TDD | 7.74 | ± 9.6 % |
| 10513 | AAF | LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)  | LTE-TDD | 8.42 | ± 9.6 % |
| 10514 | AAF | LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)  | LTE-TDD | 8.45 | ± 9.6 % |
| 10515 | AAA | IEEE 802.11b WiFi 2.4 GHz (DSSS, 2 Mbps, 99pc duty cycle)            | WLAN    | 1.58 | ± 9.6 % |
| 10516 | AAA | IEEE 802.11b WiFi 2.4 GHz (DSSS, 5.5 Mbps, 99pc duty cycle)          | WLAN    | 1.57 | ± 9.6 % |
| 10517 | AAA | IEEE 802.11b WiFi 2.4 GHz (DSSS, 11 Mbps, 99pc duty cycle)           | WLAN    | 1.58 | ± 9.6 % |
| 10518 | AAB | IEEE 802.11a/h WiFi 5 GHz (OFDM, 9 Mbps, 99pc duty cycle)            | WLAN    | 8.23 | ± 9.6 % |
| 10519 | AAB | IEEE 802.11a/h WiFi 5 GHz (OFDM, 12 Mbps, 99pc duty cycle)           | WLAN    | 8.39 | ± 9.6 % |
| 10520 | AAB | IEEE 802.11a/h WiFi 5 GHz (OFDM, 18 Mbps, 99pc duty cycle)           | WLAN    | 8.12 | ± 9.6 % |
| 10521 | AAB | IEEE 802.11a/h WiFi 5 GHz (OFDM, 24 Mbps, 99pc duty cycle)           | WLAN    | 7.97 | ± 9.6 % |
| 10522 | AAB | IEEE 802.11a/h WiFi 5 GHz (OFDM, 36 Mbps, 99pc duty cycle)           | WLAN    | 8.45 | ± 9.6 % |
| 10523 | AAB | IEEE 802.11a/h WiFi 5 GHz (OFDM, 48 Mbps, 99pc duty cycle)           | WLAN    | 8.08 | ± 9.6 % |
| 10524 | AAB | IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps, 99pc duty cycle)           | WLAN    | 8.27 | ± 9.6 % |
| 10525 | AAB | IEEE 802.11ac WiFi (20MHz, MCS0, 99pc duty cycle)                    | WLAN    | 8.36 | ± 9.6 % |
| 10526 | AAB | IEEE 802.11ac WiFi (20MHz, MCS1, 99pc duty cycle)                    | WLAN    | 8.42 | ± 9.6 % |
| 10527 | AAB | IEEE 802.11ac WiFi (20MHz, MCS2, 99pc duty cycle)                    | WLAN    | 8.21 | ± 9.6 % |
| 10528 | AAB | IEEE 802.11ac WiFi (20MHz, MCS3, 99pc duty cycle)                    | WLAN    | 8.36 | ± 9.6 % |
| 10529 | AAB | IEEE 802.11ac WiFi (20MHz, MCS4, 99pc duty cycle)                    | WLAN    | 8.36 | ± 9.6 % |
| 10531 | AAB | IEEE 802.11ac WiFi (20MHz, MCS6, 99pc duty cycle)                    | WLAN    | 8.43 | ± 9.6 % |
| 10532 | AAB | IEEE 802.11ac WiFi (20MHz, MCS7, 99pc duty cycle)                    | WLAN    | 8.29 | ± 9.6 % |
| 10533 | AAB | IEEE 802.11ac WiFi (20MHz, MCS8, 99pc duty cycle)                    | WLAN    | 8.38 | ± 9.6 % |
| 10534 | AAB | IEEE 802.11ac WiFi (40MHz, MCS0, 99pc duty cycle)                    | WLAN    | 8.45 | ± 9.6 % |

|       |     |   |      |      |         |
|-------|-----|---|------|------|---------|
| 10535 | AAB | IEEE 802.11ac WiFi (40MHz, MCS1, 99pc duty cycle)               | WLAN | 8.45 | ± 9.6 % |
| 10536 | AAB | IEEE 802.11ac WiFi (40MHz, MCS2, 99pc duty cycle)               | WLAN | 8.32 | ± 9.6 % |
| 10537 | AAB | IEEE 802.11ac WiFi (40MHz, MCS3, 99pc duty cycle)               | WLAN | 8.44 | ± 9.6 % |
| 10538 | AAB | IEEE 802.11ac WiFi (40MHz, MCS4, 99pc duty cycle)               | WLAN | 8.54 | ± 9.6 % |
| 10540 | AAB | IEEE 802.11ac WiFi (40MHz, MCS6, 99pc duty cycle)               | WLAN | 8.39 | ± 9.6 % |
| 10541 | AAB | IEEE 802.11ac WiFi (40MHz, MCS7, 99pc duty cycle)               | WLAN | 8.46 | ± 9.6 % |
| 10542 | AAB | IEEE 802.11ac WiFi (40MHz, MCS8, 99pc duty cycle)               | WLAN | 8.65 | ± 9.6 % |
| 10543 | AAB | IEEE 802.11ac WiFi (40MHz, MCS9, 99pc duty cycle)               | WLAN | 8.65 | ± 9.6 % |
| 10544 | AAB | IEEE 802.11ac WiFi (80MHz, MCS0, 99pc duty cycle)               | WLAN | 8.47 | ± 9.6 % |
| 10545 | AAB | IEEE 802.11ac WiFi (80MHz, MCS1, 99pc duty cycle)               | WLAN | 8.55 | ± 9.6 % |
| 10546 | AAB | IEEE 802.11ac WiFi (80MHz, MCS2, 99pc duty cycle)               | WLAN | 8.35 | ± 9.6 % |
| 10547 | AAB | IEEE 802.11ac WiFi (80MHz, MCS3, 99pc duty cycle)               | WLAN | 8.49 | ± 9.6 % |
| 10548 | AAB | IEEE 802.11ac WiFi (80MHz, MCS4, 99pc duty cycle)               | WLAN | 8.37 | ± 9.6 % |
| 10550 | AAB | IEEE 802.11ac WiFi (80MHz, MCS6, 99pc duty cycle)               | WLAN | 8.38 | ± 9.6 % |
| 10551 | AAB | IEEE 802.11ac WiFi (80MHz, MCS7, 99pc duty cycle)               | WLAN | 8.50 | ± 9.6 % |
| 10552 | AAB | IEEE 802.11ac WiFi (80MHz, MCS8, 99pc duty cycle)               | WLAN | 8.42 | ± 9.6 % |
| 10553 | AAB | IEEE 802.11ac WiFi (80MHz, MCS9, 99pc duty cycle)               | WLAN | 8.45 | ± 9.6 % |
| 10554 | AAC | IEEE 802.11ac WiFi (160MHz, MCS0, 99pc duty cycle)              | WLAN | 8.48 | ± 9.6 % |
| 10555 | AAC | IEEE 802.11ac WiFi (160MHz, MCS1, 99pc duty cycle)              | WLAN | 8.47 | ± 9.6 % |
| 10556 | AAC | IEEE 802.11ac WiFi (160MHz, MCS2, 99pc duty cycle)              | WLAN | 8.50 | ± 9.6 % |
| 10557 | AAC | IEEE 802.11ac WiFi (160MHz, MCS3, 99pc duty cycle)              | WLAN | 8.52 | ± 9.6 % |
| 10558 | AAC | IEEE 802.11ac WiFi (160MHz, MCS4, 99pc duty cycle)              | WLAN | 8.61 | ± 9.6 % |
| 10560 | AAC | IEEE 802.11ac WiFi (160MHz, MCS6, 99pc duty cycle)              | WLAN | 8.73 | ± 9.6 % |
| 10561 | AAC | IEEE 802.11ac WiFi (160MHz, MCS7, 99pc duty cycle)              | WLAN | 8.56 | ± 9.6 % |
| 10562 | AAC | IEEE 802.11ac WiFi (160MHz, MCS8, 99pc duty cycle)              | WLAN | 8.69 | ± 9.6 % |
| 10563 | AAC | IEEE 802.11ac WiFi (160MHz, MCS9, 99pc duty cycle)              | WLAN | 8.77 | ± 9.6 % |
| 10564 | AAA | IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 9 Mbps, 99pc duty cycle)  | WLAN | 8.25 | ± 9.6 % |
| 10565 | AAA | IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 12 Mbps, 99pc duty cycle) | WLAN | 8.45 | ± 9.6 % |
| 10566 | AAA | IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 18 Mbps, 99pc duty cycle) | WLAN | 8.13 | ± 9.6 % |
| 10567 | AAA | IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 24 Mbps, 99pc duty cycle) | WLAN | 8.00 | ± 9.6 % |
| 10568 | AAA | IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 36 Mbps, 99pc duty cycle) | WLAN | 8.37 | ± 9.6 % |
| 10569 | AAA | IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 48 Mbps, 99pc duty cycle) | WLAN | 8.10 | ± 9.6 % |
| 10570 | AAA | IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 54 Mbps, 99pc duty cycle) | WLAN | 8.30 | ± 9.6 % |
| 10571 | AAA | IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps, 90pc duty cycle)       | WLAN | 1.99 | ± 9.6 % |
| 10572 | AAA | IEEE 802.11b WiFi 2.4 GHz (DSSS, 2 Mbps, 90pc duty cycle)       | WLAN | 1.99 | ± 9.6 % |
| 10573 | AAA | IEEE 802.11b WiFi 2.4 GHz (DSSS, 5.5 Mbps, 90pc duty cycle)     | WLAN | 1.98 | ± 9.6 % |
| 10574 | AAA | IEEE 802.11b WiFi 2.4 GHz (DSSS, 11 Mbps, 90pc duty cycle)      | WLAN | 1.98 | ± 9.6 % |
| 10575 | AAA | IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps, 90pc duty cycle)  | WLAN | 8.59 | ± 9.6 % |
| 10576 | AAA | IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 9 Mbps, 90pc duty cycle)  | WLAN | 8.60 | ± 9.6 % |
| 10577 | AAA | IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 12 Mbps, 90pc duty cycle) | WLAN | 8.70 | ± 9.6 % |
| 10578 | AAA | IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 18 Mbps, 90pc duty cycle) | WLAN | 8.49 | ± 9.6 % |
| 10579 | AAA | IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 24 Mbps, 90pc duty cycle) | WLAN | 8.36 | ± 9.6 % |
| 10580 | AAA | IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 36 Mbps, 90pc duty cycle) | WLAN | 8.76 | ± 9.6 % |
| 10581 | AAA | IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 48 Mbps, 90pc duty cycle) | WLAN | 8.35 | ± 9.6 % |
| 10582 | AAA | IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 54 Mbps, 90pc duty cycle) | WLAN | 8.67 | ± 9.6 % |
| 10583 | AAB | IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps, 90pc duty cycle)       | WLAN | 8.59 | ± 9.6 % |
| 10584 | AAB | IEEE 802.11a/h WiFi 5 GHz (OFDM, 9 Mbps, 90pc duty cycle)       | WLAN | 8.60 | ± 9.6 % |
| 10585 | AAB | IEEE 802.11a/h WiFi 5 GHz (OFDM, 12 Mbps, 90pc duty cycle)      | WLAN | 8.70 | ± 9.6 % |
| 10586 | AAB | IEEE 802.11a/h WiFi 5 GHz (OFDM, 18 Mbps, 90pc duty cycle)      | WLAN | 8.49 | ± 9.6 % |
| 10587 | AAB | IEEE 802.11a/h WiFi 5 GHz (OFDM, 24 Mbps, 90pc duty cycle)      | WLAN | 8.36 | ± 9.6 % |

|       |     |  |          |       |         |
|-------|-----|--|----------|-------|---------|
| 10588 | AAB | IEEE 802.11a/h WiFi 5 GHz (OFDM, 36 Mbps, 90pc duty cycle) | WLAN     | 8.76  | ± 9.6 % |
| 10589 | AAB | IEEE 802.11a/h WiFi 5 GHz (OFDM, 48 Mbps, 90pc duty cycle) | WLAN     | 8.35  | ± 9.6 % |
| 10590 | AAB | IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps, 90pc duty cycle) | WLAN     | 8.67  | ± 9.6 % |
| 10591 | AAB | IEEE 802.11n (HT Mixed, 20MHz, MCS0, 90pc duty cycle)      | WLAN     | 8.63  | ± 9.6 % |
| 10592 | AAB | IEEE 802.11n (HT Mixed, 20MHz, MCS1, 90pc duty cycle)      | WLAN     | 8.79  | ± 9.6 % |
| 10593 | AAB | IEEE 802.11n (HT Mixed, 20MHz, MCS2, 90pc duty cycle)      | WLAN     | 8.64  | ± 9.6 % |
| 10594 | AAB | IEEE 802.11n (HT Mixed, 20MHz, MCS3, 90pc duty cycle)      | WLAN     | 8.74  | ± 9.6 % |
| 10595 | AAB | IEEE 802.11n (HT Mixed, 20MHz, MCS4, 90pc duty cycle)      | WLAN     | 8.74  | ± 9.6 % |
| 10596 | AAB | IEEE 802.11n (HT Mixed, 20MHz, MCS5, 90pc duty cycle)      | WLAN     | 8.71  | ± 9.6 % |
| 10597 | AAB | IEEE 802.11n (HT Mixed, 20MHz, MCS6, 90pc duty cycle)      | WLAN     | 8.72  | ± 9.6 % |
| 10598 | AAB | IEEE 802.11n (HT Mixed, 20MHz, MCS7, 90pc duty cycle)      | WLAN     | 8.50  | ± 9.6 % |
| 10599 | AAB | IEEE 802.11n (HT Mixed, 40MHz, MCS0, 90pc duty cycle)      | WLAN     | 8.79  | ± 9.6 % |
| 10600 | AAB | IEEE 802.11n (HT Mixed, 40MHz, MCS1, 90pc duty cycle)      | WLAN     | 8.88  | ± 9.6 % |
| 10601 | AAB | IEEE 802.11n (HT Mixed, 40MHz, MCS2, 90pc duty cycle)      | WLAN     | 8.82  | ± 9.6 % |
| 10602 | AAB | IEEE 802.11n (HT Mixed, 40MHz, MCS3, 90pc duty cycle)      | WLAN     | 8.94  | ± 9.6 % |
| 10603 | AAB | IEEE 802.11n (HT Mixed, 40MHz, MCS4, 90pc duty cycle)      | WLAN     | 9.03  | ± 9.6 % |
| 10604 | AAB | IEEE 802.11n (HT Mixed, 40MHz, MCS5, 90pc duty cycle)      | WLAN     | 8.76  | ± 9.6 % |
| 10605 | AAB | IEEE 802.11n (HT Mixed, 40MHz, MCS6, 90pc duty cycle)      | WLAN     | 8.97  | ± 9.6 % |
| 10606 | AAB | IEEE 802.11n (HT Mixed, 40MHz, MCS7, 90pc duty cycle)      | WLAN     | 8.82  | ± 9.6 % |
| 10607 | AAB | IEEE 802.11ac WiFi (20MHz, MCS0, 90pc duty cycle)          | WLAN     | 8.64  | ± 9.6 % |
| 10608 | AAB | IEEE 802.11ac WiFi (20MHz, MCS1, 90pc duty cycle)          | WLAN     | 8.77  | ± 9.6 % |
| 10609 | AAB | IEEE 802.11ac WiFi (20MHz, MCS2, 90pc duty cycle)          | WLAN     | 8.57  | ± 9.6 % |
| 10610 | AAB | IEEE 802.11ac WiFi (20MHz, MCS3, 90pc duty cycle)          | WLAN     | 8.78  | ± 9.6 % |
| 10611 | AAB | IEEE 802.11ac WiFi (20MHz, MCS4, 90pc duty cycle)          | WLAN     | 8.70  | ± 9.6 % |
| 10612 | AAB | IEEE 802.11ac WiFi (20MHz, MCS5, 90pc duty cycle)          | WLAN     | 8.77  | ± 9.6 % |
| 10613 | AAB | IEEE 802.11ac WiFi (20MHz, MCS6, 90pc duty cycle)          | WLAN     | 8.94  | ± 9.6 % |
| 10614 | AAB | IEEE 802.11ac WiFi (20MHz, MCS7, 90pc duty cycle)          | WLAN     | 8.59  | ± 9.6 % |
| 10615 | AAB | IEEE 802.11ac WiFi (20MHz, MCS8, 90pc duty cycle)          | WLAN     | 8.82  | ± 9.6 % |
| 10616 | AAB | IEEE 802.11ac WiFi (40MHz, MCS0, 90pc duty cycle)          | WLAN     | 8.82  | ± 9.6 % |
| 10617 | AAB | IEEE 802.11ac WiFi (40MHz, MCS1, 90pc duty cycle)          | WLAN     | 8.81  | ± 9.6 % |
| 10618 | AAB | IEEE 802.11ac WiFi (40MHz, MCS2, 90pc duty cycle)          | WLAN     | 8.58  | ± 9.6 % |
| 10619 | AAB | IEEE 802.11ac WiFi (40MHz, MCS3, 90pc duty cycle)          | WLAN     | 8.86  | ± 9.6 % |
| 10620 | AAB | IEEE 802.11ac WiFi (40MHz, MCS4, 90pc duty cycle)          | WLAN     | 8.87  | ± 9.6 % |
| 10621 | AAB | IEEE 802.11ac WiFi (40MHz, MCS5, 90pc duty cycle)          | WLAN     | 8.77  | ± 9.6 % |
| 10622 | AAB | IEEE 802.11ac WiFi (40MHz, MCS6, 90pc duty cycle)          | WLAN     | 8.68  | ± 9.6 % |
| 10623 | AAB | IEEE 802.11ac WiFi (40MHz, MCS7, 90pc duty cycle)          | WLAN     | 8.82  | ± 9.6 % |
| 10624 | AAB | IEEE 802.11ac WiFi (40MHz, MCS8, 90pc duty cycle)          | WLAN     | 8.96  | ± 9.6 % |
| 10625 | AAB | IEEE 802.11ac WiFi (40MHz, MCS9, 90pc duty cycle)          | WLAN     | 8.96  | ± 9.6 % |
| 10626 | AAB | IEEE 802.11ac WiFi (80MHz, MCS0, 90pc duty cycle)          | WLAN     | 8.83  | ± 9.6 % |
| 10627 | AAB | IEEE 802.11ac WiFi (80MHz, MCS1, 90pc duty cycle)          | WLAN     | 8.88  | ± 9.6 % |
| 10628 | AAB | IEEE 802.11ac WiFi (80MHz, MCS2, 90pc duty cycle)          | WLAN     | 8.71  | ± 9.6 % |
| 10629 | AAB | IEEE 802.11ac WiFi (80MHz, MCS3, 90pc duty cycle)          | WLAN     | 8.85  | ± 9.6 % |
| 10630 | AAB | IEEE 802.11ac WiFi (80MHz, MCS4, 90pc duty cycle)          | WLAN     | 8.72  | ± 9.6 % |
| 10631 | AAB | IEEE 802.11ac WiFi (80MHz, MCS5, 90pc duty cycle)          | WLAN     | 8.81  | ± 9.6 % |
| 10632 | AAB | IEEE 802.11ac WiFi (80MHz, MCS6, 90pc duty cycle)          | WLAN     | 8.74  | ± 9.6 % |
| 10633 | AAB | IEEE 802.11ac WiFi (80MHz, MCS7, 90pc duty cycle)          | WLAN     | 8.83  | ± 9.6 % |
| 10634 | AAB | IEEE 802.11ac WiFi (80MHz, MCS8, 90pc duty cycle)          | WLAN     | 8.80  | ± 9.6 % |
| 10635 | AAB | IEEE 802.11ac WiFi (80MHz, MCS9, 90pc duty cycle)          | WLAN     | 8.81  | ± 9.6 % |
| 10636 | AAC | IEEE 802.11ac WiFi (160MHz, MCS0, 90pc duty cycle)         | WLAN     | 8.83  | ± 9.6 % |
| 10637 | AAC | IEEE 802.11ac WiFi (160MHz, MCS1, 90pc duty cycle)         | WLAN     | 8.79  | ± 9.6 % |
| 10638 | AAC | IEEE 802.11ac WiFi (160MHz, MCS2, 90pc duty cycle)         | WLAN     | 8.86  | ± 9.6 % |
| 10639 | AAC | IEEE 802.11ac WiFi (160MHz, MCS3, 90pc duty cycle)         | WLAN     | 8.85  | ± 9.6 % |
| 10640 | AAC | IEEE 802.11ac WiFi (160MHz, MCS4, 90pc duty cycle)         | WLAN     | 8.98  | ± 9.6 % |
| 10641 | AAC | IEEE 802.11ac WiFi (160MHz, MCS5, 90pc duty cycle)         | WLAN     | 9.06  | ± 9.6 % |
| 10642 | AAC | IEEE 802.11ac WiFi (160MHz, MCS6, 90pc duty cycle)         | WLAN     | 9.06  | ± 9.6 % |
| 10643 | AAC | IEEE 802.11ac WiFi (160MHz, MCS7, 90pc duty cycle)         | WLAN     | 8.89  | ± 9.6 % |
| 10644 | AAC | IEEE 802.11ac WiFi (160MHz, MCS8, 90pc duty cycle)         | WLAN     | 9.05  | ± 9.6 % |
| 10645 | AAC | IEEE 802.11ac WiFi (160MHz, MCS9, 90pc duty cycle)         | WLAN     | 9.11  | ± 9.6 % |
| 10646 | AAG | LTE-TDD (SC-FDMA, 1 RB, 5 MHz, QPSK, UL Subframe=2,7)      | LTE-TDD  | 11.96 | ± 9.6 % |
| 10647 | AAF | LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK, UL Subframe=2,7)     | LTE-TDD  | 11.96 | ± 9.6 % |
| 10648 | AAA | CDMA2000 (1x Advanced)                                     | CDMA2000 | 3.45  | ± 9.6 % |
| 10652 | AAE | LTE-TDD (OFDMA, 5 MHz, E-TM 3.1, Clipping 44%)             | LTE-TDD  | 6.91  | ± 9.6 % |
| 10653 | AAE | LTE-TDD (OFDMA, 10 MHz, E-TM 3.1, Clipping 44%)            | LTE-TDD  | 7.42  | ± 9.6 % |
| 10654 | AAD | LTE-TDD (OFDMA, 15 MHz, E-TM 3.1, Clipping 44%)            | LTE-TDD  | 6.96  | ± 9.6 % |

|       |     |   |           |       |         |
|-------|-----|---|-----------|-------|---------|
| 10655 | AAE | LTE-TDD (OFDMA, 20 MHz, E-TM 3.1, Clipping 44%) | LTE-TDD   | 7.21  | ± 9.6 % |
| 10658 | AAA | Pulse Waveform (200Hz, 10%)                     | Test      | 10.00 | ± 9.6 % |
| 10659 | AAA | Pulse Waveform (200Hz, 20%)                     | Test      | 6.99  | ± 9.6 % |
| 10660 | AAA | Pulse Waveform (200Hz, 40%)                     | Test      | 3.98  | ± 9.6 % |
| 10661 | AAA | Pulse Waveform (200Hz, 60%)                     | Test      | 2.22  | ± 9.6 % |
| 10662 | AAA | Pulse Waveform (200Hz, 80%)                     | Test      | 0.97  | ± 9.6 % |
| 10670 | AAA | Bluetooth Low Energy                            | Bluetooth | 2.19  | ± 9.6 % |
| 10671 | AAA | IEEE 802.11ax (20MHz, MCS0, 90pc duty cycle)    | WLAN      | 9.09  | ± 9.6 % |
| 10672 | AAA | IEEE 802.11ax (20MHz, MCS1, 90pc duty cycle)    | WLAN      | 8.57  | ± 9.6 % |
| 10673 | AAA | IEEE 802.11ax (20MHz, MCS2, 90pc duty cycle)    | WLAN      | 8.78  | ± 9.6 % |
| 10674 | AAA | IEEE 802.11ax (20MHz, MCS3, 90pc duty cycle)    | WLAN      | 8.74  | ± 9.6 % |
| 10675 | AAA | IEEE 802.11ax (20MHz, MCS4, 90pc duty cycle)    | WLAN      | 8.90  | ± 9.6 % |
| 10676 | AAA | IEEE 802.11ax (20MHz, MCS5, 90pc duty cycle)    | WLAN      | 8.77  | ± 9.6 % |
| 10677 | AAA | IEEE 802.11ax (20MHz, MCS6, 90pc duty cycle)    | WLAN      | 8.73  | ± 9.6 % |
| 10678 | AAA | IEEE 802.11ax (20MHz, MCS7, 90pc duty cycle)    | WLAN      | 8.78  | ± 9.6 % |
| 10679 | AAA | IEEE 802.11ax (20MHz, MCS8, 90pc duty cycle)    | WLAN      | 8.89  | ± 9.6 % |
| 10680 | AAA | IEEE 802.11ax (20MHz, MCS9, 90pc duty cycle)    | WLAN      | 8.80  | ± 9.6 % |
| 10681 | AAA | IEEE 802.11ax (20MHz, MCS10, 90pc duty cycle)   | WLAN      | 8.62  | ± 9.6 % |
| 10682 | AAA | IEEE 802.11ax (20MHz, MCS11, 90pc duty cycle)   | WLAN      | 8.83  | ± 9.6 % |
| 10683 | AAA | IEEE 802.11ax (20MHz, MCS0, 99pc duty cycle)    | WLAN      | 8.42  | ± 9.6 % |
| 10684 | AAA | IEEE 802.11ax (20MHz, MCS1, 99pc duty cycle)    | WLAN      | 8.26  | ± 9.6 % |
| 10685 | AAA | IEEE 802.11ax (20MHz, MCS2, 99pc duty cycle)    | WLAN      | 8.33  | ± 9.6 % |
| 10686 | AAA | IEEE 802.11ax (20MHz, MCS3, 99pc duty cycle)    | WLAN      | 8.28  | ± 9.6 % |
| 10687 | AAA | IEEE 802.11ax (20MHz, MCS4, 99pc duty cycle)    | WLAN      | 8.45  | ± 9.6 % |
| 10688 | AAA | IEEE 802.11ax (20MHz, MCS5, 99pc duty cycle)    | WLAN      | 8.29  | ± 9.6 % |
| 10689 | AAA | IEEE 802.11ax (20MHz, MCS6, 99pc duty cycle)    | WLAN      | 8.55  | ± 9.6 % |
| 10690 | AAA | IEEE 802.11ax (20MHz, MCS7, 99pc duty cycle)    | WLAN      | 8.29  | ± 9.6 % |
| 10691 | AAA | IEEE 802.11ax (20MHz, MCS8, 99pc duty cycle)    | WLAN      | 8.25  | ± 9.6 % |
| 10692 | AAA | IEEE 802.11ax (20MHz, MCS9, 99pc duty cycle)    | WLAN      | 8.29  | ± 9.6 % |
| 10693 | AAA | IEEE 802.11ax (20MHz, MCS10, 99pc duty cycle)   | WLAN      | 8.25  | ± 9.6 % |
| 10694 | AAA | IEEE 802.11ax (20MHz, MCS11, 99pc duty cycle)   | WLAN      | 8.57  | ± 9.6 % |
| 10695 | AAA | IEEE 802.11ax (40MHz, MCS0, 90pc duty cycle)    | WLAN      | 8.78  | ± 9.6 % |
| 10696 | AAA | IEEE 802.11ax (40MHz, MCS1, 90pc duty cycle)    | WLAN      | 8.91  | ± 9.6 % |
| 10697 | AAA | IEEE 802.11ax (40MHz, MCS2, 90pc duty cycle)    | WLAN      | 8.61  | ± 9.6 % |
| 10698 | AAA | IEEE 802.11ax (40MHz, MCS3, 90pc duty cycle)    | WLAN      | 8.89  | ± 9.6 % |
| 10699 | AAA | IEEE 802.11ax (40MHz, MCS4, 90pc duty cycle)    | WLAN      | 8.82  | ± 9.6 % |
| 10700 | AAA | IEEE 802.11ax (40MHz, MCS5, 90pc duty cycle)    | WLAN      | 8.73  | ± 9.6 % |
| 10701 | AAA | IEEE 802.11ax (40MHz, MCS6, 90pc duty cycle)    | WLAN      | 8.86  | ± 9.6 % |
| 10702 | AAA | IEEE 802.11ax (40MHz, MCS7, 90pc duty cycle)    | WLAN      | 8.70  | ± 9.6 % |
| 10703 | AAA | IEEE 802.11ax (40MHz, MCS8, 90pc duty cycle)    | WLAN      | 8.82  | ± 9.6 % |
| 10704 | AAA | IEEE 802.11ax (40MHz, MCS9, 90pc duty cycle)    | WLAN      | 8.56  | ± 9.6 % |
| 10705 | AAA | IEEE 802.11ax (40MHz, MCS10, 90pc duty cycle)   | WLAN      | 8.69  | ± 9.6 % |
| 10706 | AAA | IEEE 802.11ax (40MHz, MCS11, 90pc duty cycle)   | WLAN      | 8.66  | ± 9.6 % |
| 10707 | AAA | IEEE 802.11ax (40MHz, MCS0, 99pc duty cycle)    | WLAN      | 8.32  | ± 9.6 % |
| 10708 | AAA | IEEE 802.11ax (40MHz, MCS1, 99pc duty cycle)    | WLAN      | 8.55  | ± 9.6 % |
| 10709 | AAA | IEEE 802.11ax (40MHz, MCS2, 99pc duty cycle)    | WLAN      | 8.33  | ± 9.6 % |
| 10710 | AAA | IEEE 802.11ax (40MHz, MCS3, 99pc duty cycle)    | WLAN      | 8.29  | ± 9.6 % |
| 10711 | AAA | IEEE 802.11ax (40MHz, MCS4, 99pc duty cycle)    | WLAN      | 8.39  | ± 9.6 % |
| 10712 | AAA | IEEE 802.11ax (40MHz, MCS5, 99pc duty cycle)    | WLAN      | 8.67  | ± 9.6 % |
| 10713 | AAA | IEEE 802.11ax (40MHz, MCS6, 99pc duty cycle)    | WLAN      | 8.33  | ± 9.6 % |
| 10714 | AAA | IEEE 802.11ax (40MHz, MCS7, 99pc duty cycle)    | WLAN      | 8.26  | ± 9.6 % |
| 10715 | AAA | IEEE 802.11ax (40MHz, MCS8, 99pc duty cycle)    | WLAN      | 8.45  | ± 9.6 % |
| 10716 | AAA | IEEE 802.11ax (40MHz, MCS9, 99pc duty cycle)    | WLAN      | 8.30  | ± 9.6 % |
| 10717 | AAA | IEEE 802.11ax (40MHz, MCS10, 99pc duty cycle)   | WLAN      | 8.48  | ± 9.6 % |
| 10718 | AAA | IEEE 802.11ax (40MHz, MCS11, 99pc duty cycle)   | WLAN      | 8.24  | ± 9.6 % |
| 10719 | AAA | IEEE 802.11ax (80MHz, MCS0, 90pc duty cycle)    | WLAN      | 8.81  | ± 9.6 % |
| 10720 | AAA | IEEE 802.11ax (80MHz, MCS1, 90pc duty cycle)    | WLAN      | 8.87  | ± 9.6 % |
| 10721 | AAA | IEEE 802.11ax (80MHz, MCS2, 90pc duty cycle)    | WLAN      | 8.76  | ± 9.6 % |
| 10722 | AAA | IEEE 802.11ax (80MHz, MCS3, 90pc duty cycle)    | WLAN      | 8.55  | ± 9.6 % |
| 10723 | AAA | IEEE 802.11ax (80MHz, MCS4, 90pc duty cycle)    | WLAN      | 8.70  | ± 9.6 % |
| 10724 | AAA | IEEE 802.11ax (80MHz, MCS5, 90pc duty cycle)    | WLAN      | 8.90  | ± 9.6 % |
| 10725 | AAA | IEEE 802.11ax (80MHz, MCS6, 90pc duty cycle)    | WLAN      | 8.74  | ± 9.6 % |
| 10726 | AAA | IEEE 802.11ax (80MHz, MCS7, 90pc duty cycle)    | WLAN      | 8.72  | ± 9.6 % |
| 10727 | AAA | IEEE 802.11ax (80MHz, MCS8, 90pc duty cycle)    | WLAN      | 8.66  | ± 9.6 % |



|       |     |  |               |      |         |
|-------|-----|--|---------------|------|---------|
| 10728 | AAA | IEEE 802.11ax (80MHz, MCS9, 90pc duty cycle)   | WLAN          | 8.65 | ± 9.6 % |
| 10729 | AAA | IEEE 802.11ax (80MHz, MCS10, 90pc duty cycle)  | WLAN          | 8.64 | ± 9.6 % |
| 10730 | AAA | IEEE 802.11ax (80MHz, MCS11, 90pc duty cycle)  | WLAN          | 8.67 | ± 9.6 % |
| 10731 | AAA | IEEE 802.11ax (80MHz, MCS0, 99pc duty cycle)   | WLAN          | 8.42 | ± 9.6 % |
| 10732 | AAA | IEEE 802.11ax (80MHz, MCS1, 99pc duty cycle)   | WLAN          | 8.46 | ± 9.6 % |
| 10733 | AAA | IEEE 802.11ax (80MHz, MCS2, 99pc duty cycle)   | WLAN          | 8.40 | ± 9.6 % |
| 10734 | AAA | IEEE 802.11ax (80MHz, MCS3, 99pc duty cycle)   | WLAN          | 8.25 | ± 9.6 % |
| 10735 | AAA | IEEE 802.11ax (80MHz, MCS4, 99pc duty cycle)   | WLAN          | 8.33 | ± 9.6 % |
| 10736 | AAA | IEEE 802.11ax (80MHz, MCS5, 99pc duty cycle)   | WLAN          | 8.27 | ± 9.6 % |
| 10737 | AAA | IEEE 802.11ax (80MHz, MCS6, 99pc duty cycle)   | WLAN          | 8.36 | ± 9.6 % |
| 10738 | AAA | IEEE 802.11ax (80MHz, MCS7, 99pc duty cycle)   | WLAN          | 8.42 | ± 9.6 % |
| 10739 | AAA | IEEE 802.11ax (80MHz, MCS8, 99pc duty cycle)   | WLAN          | 8.29 | ± 9.6 % |
| 10740 | AAA | IEEE 802.11ax (80MHz, MCS9, 99pc duty cycle)   | WLAN          | 8.48 | ± 9.6 % |
| 10741 | AAA | IEEE 802.11ax (80MHz, MCS10, 99pc duty cycle)  | WLAN          | 8.40 | ± 9.6 % |
| 10742 | AAA | IEEE 802.11ax (80MHz, MCS11, 99pc duty cycle)  | WLAN          | 8.43 | ± 9.6 % |
| 10743 | AAA | IEEE 802.11ax (160MHz, MCS0, 90pc duty cycle)  | WLAN          | 8.94 | ± 9.6 % |
| 10744 | AAA | IEEE 802.11ax (160MHz, MCS1, 90pc duty cycle)  | WLAN          | 9.16 | ± 9.6 % |
| 10745 | AAA | IEEE 802.11ax (160MHz, MCS2, 90pc duty cycle)  | WLAN          | 8.93 | ± 9.6 % |
| 10746 | AAA | IEEE 802.11ax (160MHz, MCS3, 90pc duty cycle)  | WLAN          | 9.11 | ± 9.6 % |
| 10747 | AAA | IEEE 802.11ax (160MHz, MCS4, 90pc duty cycle)  | WLAN          | 9.04 | ± 9.6 % |
| 10748 | AAA | IEEE 802.11ax (160MHz, MCS5, 90pc duty cycle)  | WLAN          | 8.93 | ± 9.6 % |
| 10749 | AAA | IEEE 802.11ax (160MHz, MCS6, 90pc duty cycle)  | WLAN          | 8.90 | ± 9.6 % |
| 10750 | AAA | IEEE 802.11ax (160MHz, MCS7, 90pc duty cycle)  | WLAN          | 8.79 | ± 9.6 % |
| 10751 | AAA | IEEE 802.11ax (160MHz, MCS8, 90pc duty cycle)  | WLAN          | 8.82 | ± 9.6 % |
| 10752 | AAA | IEEE 802.11ax (160MHz, MCS9, 90pc duty cycle)  | WLAN          | 8.81 | ± 9.6 % |
| 10753 | AAA | IEEE 802.11ax (160MHz, MCS10, 90pc duty cycle) | WLAN          | 9.00 | ± 9.6 % |
| 10754 | AAA | IEEE 802.11ax (160MHz, MCS11, 90pc duty cycle) | WLAN          | 8.94 | ± 9.6 % |
| 10755 | AAA | IEEE 802.11ax (160MHz, MCS0, 99pc duty cycle)  | WLAN          | 8.64 | ± 9.6 % |
| 10756 | AAA | IEEE 802.11ax (160MHz, MCS1, 99pc duty cycle)  | WLAN          | 8.77 | ± 9.6 % |
| 10757 | AAA | IEEE 802.11ax (160MHz, MCS2, 99pc duty cycle)  | WLAN          | 8.77 | ± 9.6 % |
| 10758 | AAA | IEEE 802.11ax (160MHz, MCS3, 99pc duty cycle)  | WLAN          | 8.69 | ± 9.6 % |
| 10759 | AAA | IEEE 802.11ax (160MHz, MCS4, 99pc duty cycle)  | WLAN          | 8.58 | ± 9.6 % |
| 10760 | AAA | IEEE 802.11ax (160MHz, MCS5, 99pc duty cycle)  | WLAN          | 8.49 | ± 9.6 % |
| 10761 | AAA | IEEE 802.11ax (160MHz, MCS6, 99pc duty cycle)  | WLAN          | 8.58 | ± 9.6 % |
| 10762 | AAA | IEEE 802.11ax (160MHz, MCS7, 99pc duty cycle)  | WLAN          | 8.49 | ± 9.6 % |
| 10763 | AAA | IEEE 802.11ax (160MHz, MCS8, 99pc duty cycle)  | WLAN          | 8.53 | ± 9.6 % |
| 10764 | AAA | IEEE 802.11ax (160MHz, MCS9, 99pc duty cycle)  | WLAN          | 8.54 | ± 9.6 % |
| 10765 | AAA | IEEE 802.11ax (160MHz, MCS10, 99pc duty cycle) | WLAN          | 8.54 | ± 9.6 % |
| 10766 | AAA | IEEE 802.11ax (160MHz, MCS11, 99pc duty cycle) | WLAN          | 8.51 | ± 9.6 % |
| 10767 | AAA | 5G NR (CP-OFDM, 1 RB, 5 MHz, QPSK, 15 kHz)     | 5G NR FR1 TDD | 7.99 | ± 9.6 % |
| 10768 | AAA | 5G NR (CP-OFDM, 1 RB, 10 MHz, QPSK, 15 kHz)    | 5G NR FR1 TDD | 8.01 | ± 9.6 % |
| 10769 | AAA | 5G NR (CP-OFDM, 1 RB, 15 MHz, QPSK, 15 kHz)    | 5G NR FR1 TDD | 8.01 | ± 9.6 % |
| 10770 | AAA | 5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz)    | 5G NR FR1 TDD | 8.02 | ± 9.6 % |
| 10771 | AAA | 5G NR (CP-OFDM, 1 RB, 25 MHz, QPSK, 15 kHz)    | 5G NR FR1 TDD | 8.02 | ± 9.6 % |
| 10772 | AAA | 5G NR (CP-OFDM, 1 RB, 30 MHz, QPSK, 15 kHz)    | 5G NR FR1 TDD | 8.23 | ± 9.6 % |
| 10773 | AAA | 5G NR (CP-OFDM, 1 RB, 40 MHz, QPSK, 15 kHz)    | 5G NR FR1 TDD | 8.03 | ± 9.6 % |
| 10774 | AAA | 5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 15 kHz)    | 5G NR FR1 TDD | 8.02 | ± 9.6 % |
| 10776 | AAA | 5G NR (CP-OFDM, 50% RB, 10 MHz, QPSK, 15 kHz)  | 5G NR FR1 TDD | 8.30 | ± 9.6 % |
| 10778 | AAA | 5G NR (CP-OFDM, 50% RB, 20 MHz, QPSK, 15 kHz)  | 5G NR FR1 TDD | 8.34 | ± 9.6 % |
| 10780 | AAA | 5G NR (CP-OFDM, 50% RB, 30 MHz, QPSK, 15 kHz)  | 5G NR FR1 TDD | 8.38 | ± 9.6 % |
| 10781 | AAA | 5G NR (CP-OFDM, 50% RB, 40 MHz, QPSK, 15 kHz)  | 5G NR FR1 TDD | 8.38 | ± 9.6 % |
| 10782 | AAA | 5G NR (CP-OFDM, 50% RB, 50 MHz, QPSK, 15 kHz)  | 5G NR FR1 TDD | 8.43 | ± 9.6 % |

|       |     |  |               |      |         |
|-------|-----|--|---------------|------|---------|
| 10783 | AAA | 5G NR (CP-OFDM, 100% RB, 5 MHz, QPSK, 15 kHz)  | 5G NR FR1 TDD | 8.31 | ± 9.6 % |
| 10784 | AAA | 5G NR (CP-OFDM, 100% RB, 10 MHz, QPSK, 15 kHz) | 5G NR FR1 TDD | 8.29 | ± 9.6 % |
| 10785 | AAA | 5G NR (CP-OFDM, 100% RB, 15 MHz, QPSK, 15 kHz) | 5G NR FR1 TDD | 8.40 | ± 9.6 % |
| 10786 | AAA | 5G NR (CP-OFDM, 100% RB, 20 MHz, QPSK, 15 kHz) | 5G NR FR1 TDD | 8.35 | ± 9.6 % |
| 10787 | AAA | 5G NR (CP-OFDM, 100% RB, 25 MHz, QPSK, 15 kHz) | 5G NR FR1 TDD | 8.44 | ± 9.6 % |
| 10788 | AAA | 5G NR (CP-OFDM, 100% RB, 30 MHz, QPSK, 15 kHz) | 5G NR FR1 TDD | 8.39 | ± 9.6 % |
| 10789 | AAA | 5G NR (CP-OFDM, 100% RB, 40 MHz, QPSK, 15 kHz) | 5G NR FR1 TDD | 8.37 | ± 9.6 % |
| 10790 | AAA | 5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 15 kHz) | 5G NR FR1 TDD | 8.39 | ± 9.6 % |
| 10791 | AAA | 5G NR (CP-OFDM, 1 RB, 5 MHz, QPSK, 30 kHz)     | 5G NR FR1 TDD | 7.83 | ± 9.6 % |
| 10792 | AAA | 5G NR (CP-OFDM, 1 RB, 10 MHz, QPSK, 30 kHz)    | 5G NR FR1 TDD | 7.92 | ± 9.6 % |
| 10793 | AAA | 5G NR (CP-OFDM, 1 RB, 15 MHz, QPSK, 30 kHz)    | 5G NR FR1 TDD | 7.95 | ± 9.6 % |
| 10794 | AAA | 5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 30 kHz)    | 5G NR FR1 TDD | 7.82 | ± 9.6 % |
| 10795 | AAA | 5G NR (CP-OFDM, 1 RB, 25 MHz, QPSK, 30 kHz)    | 5G NR FR1 TDD | 7.84 | ± 9.6 % |
| 10796 | AAA | 5G NR (CP-OFDM, 1 RB, 30 MHz, QPSK, 30 kHz)    | 5G NR FR1 TDD | 7.82 | ± 9.6 % |
| 10797 | AAA | 5G NR (CP-OFDM, 1 RB, 40 MHz, QPSK, 30 kHz)    | 5G NR FR1 TDD | 8.01 | ± 9.6 % |
| 10798 | AAA | 5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 30 kHz)    | 5G NR FR1 TDD | 7.89 | ± 9.6 % |
| 10799 | AAA | 5G NR (CP-OFDM, 1 RB, 60 MHz, QPSK, 30 kHz)    | 5G NR FR1 TDD | 7.93 | ± 9.6 % |
| 10801 | AAA | 5G NR (CP-OFDM, 1 RB, 80 MHz, QPSK, 30 kHz)    | 5G NR FR1 TDD | 7.89 | ± 9.6 % |
| 10802 | AAA | 5G NR (CP-OFDM, 1 RB, 90 MHz, QPSK, 30 kHz)    | 5G NR FR1 TDD | 7.87 | ± 9.6 % |
| 10803 | AAA | 5G NR (CP-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz)   | 5G NR FR1 TDD | 7.93 | ± 9.6 % |
| 10805 | AAA | 5G NR (CP-OFDM, 50% RB, 10 MHz, QPSK, 30 kHz)  | 5G NR FR1 TDD | 8.34 | ± 9.6 % |
| 10806 | AAA | 5G NR (CP-OFDM, 50% RB, 15 MHz, QPSK, 30 kHz)  | 5G NR FR1 TDD | 8.37 | ± 9.6 % |
| 10809 | AAA | 5G NR (CP-OFDM, 50% RB, 30 MHz, QPSK, 30 kHz)  | 5G NR FR1 TDD | 8.34 | ± 9.6 % |
| 10810 | AAA | 5G NR (CP-OFDM, 50% RB, 40 MHz, QPSK, 30 kHz)  | 5G NR FR1 TDD | 8.34 | ± 9.6 % |
| 10812 | AAA | 5G NR (CP-OFDM, 50% RB, 60 MHz, QPSK, 30 kHz)  | 5G NR FR1 TDD | 8.35 | ± 9.6 % |
| 10817 | AAA | 5G NR (CP-OFDM, 100% RB, 5 MHz, QPSK, 30 kHz)  | 5G NR FR1 TDD | 8.35 | ± 9.6 % |
| 10818 | AAA | 5G NR (CP-OFDM, 100% RB, 10 MHz, QPSK, 30 kHz) | 5G NR FR1 TDD | 8.34 | ± 9.6 % |
| 10819 | AAA | 5G NR (CP-OFDM, 100% RB, 15 MHz, QPSK, 30 kHz) | 5G NR FR1 TDD | 8.33 | ± 9.6 % |
| 10820 | AAA | 5G NR (CP-OFDM, 100% RB, 20 MHz, QPSK, 30 kHz) | 5G NR FR1 TDD | 8.30 | ± 9.6 % |
| 10821 | AAA | 5G NR (CP-OFDM, 100% RB, 25 MHz, QPSK, 30 kHz) | 5G NR FR1 TDD | 8.41 | ± 9.6 % |
| 10822 | AAA | 5G NR (CP-OFDM, 100% RB, 30 MHz, QPSK, 30 kHz) | 5G NR FR1 TDD | 8.41 | ± 9.6 % |
| 10823 | AAA | 5G NR (CP-OFDM, 100% RB, 40 MHz, QPSK, 30 kHz) | 5G NR FR1 TDD | 8.36 | ± 9.6 % |
| 10824 | AAA | 5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 30 kHz) | 5G NR FR1 TDD | 8.39 | ± 9.6 % |

|       |     |   |               |      |         |
|-------|-----|---|---------------|------|---------|
| 10825 | AAA | 5G NR (CP-OFDM, 100% RB, 60 MHz, QPSK, 30 kHz)      | 5G NR FR1 TDD | 8.41 | ± 9.6 % |
| 10827 | AAA | 5G NR (CP-OFDM, 100% RB, 80 MHz, QPSK, 30 kHz)      | 5G NR FR1 TDD | 8.42 | ± 9.6 % |
| 10828 | AAA | 5G NR (CP-OFDM, 100% RB, 90 MHz, QPSK, 30 kHz)      | 5G NR FR1 TDD | 8.43 | ± 9.6 % |
| 10829 | AAA | 5G NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 30 kHz)     | 5G NR FR1 TDD | 8.40 | ± 9.6 % |
| 10830 | AAA | 5G NR (CP-OFDM, 1 RB, 10 MHz, QPSK, 60 kHz)         | 5G NR FR1 TDD | 7.63 | ± 9.6 % |
| 10831 | AAA | 5G NR (CP-OFDM, 1 RB, 15 MHz, QPSK, 60 kHz)         | 5G NR FR1 TDD | 7.73 | ± 9.6 % |
| 10832 | AAA | 5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 60 kHz)         | 5G NR FR1 TDD | 7.74 | ± 9.6 % |
| 10833 | AAA | 5G NR (CP-OFDM, 1 RB, 25 MHz, QPSK, 60 kHz)         | 5G NR FR1 TDD | 7.70 | ± 9.6 % |
| 10834 | AAA | 5G NR (CP-OFDM, 1 RB, 30 MHz, QPSK, 60 kHz)         | 5G NR FR1 TDD | 7.75 | ± 9.6 % |
| 10835 | AAA | 5G NR (CP-OFDM, 1 RB, 40 MHz, QPSK, 60 kHz)         | 5G NR FR1 TDD | 7.70 | ± 9.6 % |
| 10836 | AAA | 5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 60 kHz)         | 5G NR FR1 TDD | 7.66 | ± 9.6 % |
| 10837 | AAA | 5G NR (CP-OFDM, 1 RB, 60 MHz, QPSK, 60 kHz)         | 5G NR FR1 TDD | 7.68 | ± 9.6 % |
| 10839 | AAA | 5G NR (CP-OFDM, 1 RB, 80 MHz, QPSK, 60 kHz)         | 5G NR FR1 TDD | 7.70 | ± 9.6 % |
| 10840 | AAA | 5G NR (CP-OFDM, 1 RB, 90 MHz, QPSK, 60 kHz)         | 5G NR FR1 TDD | 7.67 | ± 9.6 % |
| 10841 | AAA | 5G NR (CP-OFDM, 1 RB, 100 MHz, QPSK, 60 kHz)        | 5G NR FR1 TDD | 7.71 | ± 9.6 % |
| 10843 | AAA | 5G NR (CP-OFDM, 50% RB, 15 MHz, QPSK, 60 kHz)       | 5G NR FR1 TDD | 8.49 | ± 9.6 % |
| 10844 | AAA | 5G NR (CP-OFDM, 50% RB, 20 MHz, QPSK, 60 kHz)       | 5G NR FR1 TDD | 8.34 | ± 9.6 % |
| 10846 | AAA | 5G NR (CP-OFDM, 50% RB, 30 MHz, QPSK, 60 kHz)       | 5G NR FR1 TDD | 8.41 | ± 9.6 % |
| 10854 | AAA | 5G NR (CP-OFDM, 100% RB, 10 MHz, QPSK, 60 kHz)      | 5G NR FR1 TDD | 8.34 | ± 9.6 % |
| 10855 | AAA | 5G NR (CP-OFDM, 100% RB, 15 MHz, QPSK, 60 kHz)      | 5G NR FR1 TDD | 8.36 | ± 9.6 % |
| 10856 | AAA | 5G NR (CP-OFDM, 100% RB, 20 MHz, QPSK, 60 kHz)      | 5G NR FR1 TDD | 8.37 | ± 9.6 % |
| 10857 | AAA | 5G NR (CP-OFDM, 100% RB, 25 MHz, QPSK, 60 kHz)      | 5G NR FR1 TDD | 8.35 | ± 9.6 % |
| 10858 | AAA | 5G NR (CP-OFDM, 100% RB, 30 MHz, QPSK, 60 kHz)      | 5G NR FR1 TDD | 8.36 | ± 9.6 % |
| 10859 | AAA | 5G NR (CP-OFDM, 100% RB, 40 MHz, QPSK, 60 kHz)      | 5G NR FR1 TDD | 8.34 | ± 9.6 % |
| 10860 | AAA | 5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 60 kHz)      | 5G NR FR1 TDD | 8.41 | ± 9.6 % |
| 10861 | AAA | 5G NR (CP-OFDM, 100% RB, 60 MHz, QPSK, 60 kHz)      | 5G NR FR1 TDD | 8.40 | ± 9.6 % |
| 10863 | AAA | 5G NR (CP-OFDM, 100% RB, 80 MHz, QPSK, 60 kHz)      | 5G NR FR1 TDD | 8.41 | ± 9.6 % |
| 10864 | AAA | 5G NR (CP-OFDM, 100% RB, 90 MHz, QPSK, 60 kHz)      | 5G NR FR1 TDD | 8.37 | ± 9.6 % |
| 10865 | AAA | 5G NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 60 kHz)     | 5G NR FR1 TDD | 8.41 | ± 9.6 % |
| 10866 | AAA | 5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz)     | 5G NR FR1 TDD | 5.68 | ± 9.6 % |
| 10868 | AAA | 5G NR (DFT-s-OFDM, 100% RB, 100 MHz, QPSK, 30 kHz)  | 5G NR FR1 TDD | 5.89 | ± 9.6 % |
| 10869 | AAA | 5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 120 kHz)    | 5G NR FR2 TDD | 5.75 | ± 9.6 % |
| 10870 | AAA | 5G NR (DFT-s-OFDM, 100% RB, 100 MHz, QPSK, 120 kHz) | 5G NR FR2 TDD | 5.86 | ± 9.6 % |

|       |     |  |               |      |         |
|-------|-----|--|---------------|------|---------|
| 10871 | AAA | 5G NR (DFT-s-OFDM, 1 RB, 100 MHz, 16QAM, 120 kHz)    | 5G NR FR2 TDD | 5.75 | ± 9.6 % |
| 10872 | AAA | 5G NR (DFT-s-OFDM, 100% RB, 100 MHz, 16QAM, 120 kHz) | 5G NR FR2 TDD | 6.52 | ± 9.6 % |
| 10873 | AAA | 5G NR (DFT-s-OFDM, 1 RB, 100 MHz, 64QAM, 120 kHz)    | 5G NR FR2 TDD | 6.61 | ± 9.6 % |
| 10874 | AAA | 5G NR (DFT-s-OFDM, 100% RB, 100 MHz, 64QAM, 120 kHz) | 5G NR FR2 TDD | 6.65 | ± 9.6 % |
| 10875 | AAA | 5G NR (CP-OFDM, 1 RB, 100 MHz, QPSK, 120 kHz)        | 5G NR FR2 TDD | 7.78 | ± 9.6 % |
| 10876 | AAA | 5G NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 120 kHz)     | 5G NR FR2 TDD | 8.39 | ± 9.6 % |
| 10877 | AAA | 5G NR (CP-OFDM, 1 RB, 100 MHz, 16QAM, 120 kHz)       | 5G NR FR2 TDD | 7.95 | ± 9.6 % |
| 10878 | AAA | 5G NR (CP-OFDM, 100% RB, 100 MHz, 16QAM, 120 kHz)    | 5G NR FR2 TDD | 8.41 | ± 9.6 % |
| 10879 | AAA | 5G NR (CP-OFDM, 1 RB, 100 MHz, 64QAM, 120 kHz)       | 5G NR FR2 TDD | 8.12 | ± 9.6 % |
| 10880 | AAA | 5G NR (CP-OFDM, 100% RB, 100 MHz, 64QAM, 120 kHz)    | 5G NR FR2 TDD | 8.38 | ± 9.6 % |
| 10881 | AAA | 5G NR (DFT-s-OFDM, 1 RB, 50 MHz, QPSK, 120 kHz)      | 5G NR FR2 TDD | 5.75 | ± 9.6 % |
| 10882 | AAA | 5G NR (DFT-s-OFDM, 100% RB, 50 MHz, QPSK, 120 kHz)   | 5G NR FR2 TDD | 5.96 | ± 9.6 % |
| 10883 | AAA | 5G NR (DFT-s-OFDM, 1 RB, 50 MHz, 16QAM, 120 kHz)     | 5G NR FR2 TDD | 6.57 | ± 9.6 % |
| 10884 | AAA | 5G NR (DFT-s-OFDM, 100% RB, 50 MHz, 16QAM, 120 kHz)  | 5G NR FR2 TDD | 6.53 | ± 9.6 % |
| 10885 | AAA | 5G NR (DFT-s-OFDM, 1 RB, 50 MHz, 64QAM, 120 kHz)     | 5G NR FR2 TDD | 6.61 | ± 9.6 % |
| 10886 | AAA | 5G NR (DFT-s-OFDM, 100% RB, 50 MHz, 64QAM, 120 kHz)  | 5G NR FR2 TDD | 6.65 | ± 9.6 % |
| 10887 | AAA | 5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 120 kHz)         | 5G NR FR2 TDD | 7.78 | ± 9.6 % |
| 10888 | AAA | 5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 120 kHz)      | 5G NR FR2 TDD | 8.35 | ± 9.6 % |
| 10889 | AAA | 5G NR (CP-OFDM, 1 RB, 50 MHz, 16QAM, 120 kHz)        | 5G NR FR2 TDD | 8.02 | ± 9.6 % |
| 10890 | AAA | 5G NR (CP-OFDM, 100% RB, 50 MHz, 16QAM, 120 kHz)     | 5G NR FR2 TDD | 8.40 | ± 9.6 % |
| 10891 | AAA | 5G NR (CP-OFDM, 1 RB, 50 MHz, 64QAM, 120 kHz)        | 5G NR FR2 TDD | 8.13 | ± 9.6 % |
| 10892 | AAA | 5G NR (CP-OFDM, 100% RB, 50 MHz, 64QAM, 120 kHz)     | 5G NR FR2 TDD | 8.41 | ± 9.6 % |

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

## Appendix D. Photographs of EUT and Setup

The setup photographs for SAR testing are shown as follows.

## Appendix E. Maximum Target Conducted Power

The maximum conducted average power (Unit: dBm) including tune-up tolerance is shown as below.

**WLAN Tune-up Power (Full)\_ Tablet Mode**

**WLAN2.4GHz**

| Mode          | Channel | Frequency | SISO Ant 0<br>Max Tune up | SISO Ant 1<br>Max Tune up | MIMO Ant 0<br>Tune-up | MIMO Ant 1<br>Tune-up | MIMO<br>Ant0+1<br>Max Tune up |
|---------------|---------|-----------|---------------------------|---------------------------|-----------------------|-----------------------|-------------------------------|
| 802.11b       | 1       | 2412      | 17.0                      | 15.5                      |                       |                       |                               |
|               | 6       | 2437      | 17.0                      | 15.5                      |                       |                       |                               |
|               | 11      | 2462      | 17.0                      | 15.5                      |                       |                       |                               |
|               | 12      | 2467      | 17.0                      | 15.5                      |                       |                       |                               |
|               | 13      | 2472      | 17.0                      | 15.5                      |                       |                       |                               |
| 802.11g       | 1       | 2412      | 17.0                      | 15.5                      |                       |                       |                               |
|               | 6       | 2437      | 17.0                      | 15.5                      |                       |                       |                               |
|               | 11      | 2462      | 15.5                      | 15.5                      |                       |                       |                               |
|               | 12      | 2467      | 15.5                      | 15.5                      |                       |                       |                               |
|               | 13      | 2472      | 13.0                      | 13.25                     |                       |                       |                               |
| 802.11n HT20  | 1       | 2412      | 17.0                      | 15.5                      | 14.5                  | 14.5                  | 17.5                          |
|               | 6       | 2437      | 17.0                      | 15.5                      | 17.0                  | 15.5                  | 19.25                         |
|               | 11      | 2462      | 15.5                      | 15.5                      | 14.0                  | 14.0                  | 17.0                          |
|               | 12      | 2467      | 15.5                      | 15.5                      | 12.75                 | 12.75                 | 15.75                         |
|               | 13      | 2472      | 13.0                      | 13.25                     | 9.0                   | 9.0                   | 12.0                          |
| 802.11n HT40  | 3       | 2422      | 17.0                      | 15.5                      | 14.75                 | 14.75                 | 17.75                         |
|               | 6       | 2437      | 16.5                      | 15.5                      | 15.0                  | 15.0                  | 18.0                          |
|               | 9       | 2452      | 15.0                      | 15.0                      | 13.5                  | 13.5                  | 16.5                          |
|               | 10      | 2457      | 13.0                      | 13.0                      | 10.0                  | 10.0                  | 13.0                          |
|               | 11      | 2462      | 12.5                      | 12.5                      | 8.5                   | 8.5                   | 11.5                          |
| 802.11ax HE20 | 1       | 2412      | 17.0                      | 15.5                      | 14.5                  | 14.5                  | 17.5                          |
|               | 6       | 2437      | 17.0                      | 15.5                      | 17.0                  | 15.5                  | 19.25                         |
|               | 11      | 2462      | 15.5                      | 15.5                      | 14.0                  | 14.0                  | 17.0                          |
|               | 12      | 2467      | 15.5                      | 15.5                      | 12.75                 | 12.75                 | 15.75                         |
|               | 13      | 2472      | 13.0                      | 13.25                     | 9.0                   | 9.0                   | 12.0                          |
| 802.11ax HE40 | 3       | 2422      | 17.0                      | 15.5                      | 14.75                 | 14.75                 | 17.75                         |
|               | 6       | 2437      | 16.5                      | 15.5                      | 15.0                  | 15.0                  | 18.0                          |
|               | 9       | 2452      | 15.0                      | 15.0                      | 13.5                  | 13.5                  | 16.5                          |
|               | 10      | 2457      | 13.0                      | 13.0                      | 10.0                  | 10.0                  | 13.0                          |
|               | 11      | 2462      | 12.5                      | 11.5                      | 8.5                   | 8.5                   | 11.5                          |

WLAN Tune-up Power (Full)\_Tablet Mode

Bluetooth

| Mode     | Channel | Frequency | Ant 0<br>Max Tune up | Ant 1<br>Max Tune up |
|----------|---------|-----------|----------------------|----------------------|
| BR / EDR | 0       | 2402      |                      | 11.0                 |
|          | 39      | 2441      |                      | 11.0                 |
|          | 78      | 2480      |                      | 11.0                 |
| LE       | 0       | 2402      |                      | 7.0                  |
|          | 19      | 2440      |                      | 7.0                  |
|          | 39      | 2480      |                      | 7.0                  |



**WLAN Tune-up Power (Full)\_Tablet Mode**

**WLAN 5.2GHz**

| Mode           | Channel | Frequency | SISO Ant 0<br>Max Tune up | SISO Ant 1<br>Max Tune up | MIMO Ant 0<br>Tune-up | MIMO Ant 1<br>Tune-up | MIMO<br>Ant0+1<br>Max Tune up |
|----------------|---------|-----------|---------------------------|---------------------------|-----------------------|-----------------------|-------------------------------|
| 802.11a        | 36      | 5180      | 10.5                      | 10.5                      |                       |                       |                               |
|                | 40      | 5200      | 10.5                      | 10.5                      |                       |                       |                               |
|                | 44      | 5220      | 10.5                      | 10.5                      |                       |                       |                               |
|                | 48      | 5240      | 10.5                      | 10.5                      |                       |                       |                               |
| 802.11n HT20   | 36      | 5180      | 10.5                      | 10.5                      | 10.5                  | 10.5                  | 13.5                          |
|                | 40      | 5200      | 10.5                      | 10.5                      | 10.5                  | 10.5                  | 13.5                          |
|                | 44      | 5220      | 10.5                      | 10.5                      | 10.5                  | 10.5                  | 13.5                          |
|                | 48      | 5240      | 10.5                      | 10.5                      | 10.5                  | 10.5                  | 13.5                          |
| 802.11n HT40   | 38      | 5190      | 10.5                      | 10.5                      | 10.5                  | 10.5                  | 13.5                          |
|                | 46      | 5230      | 10.5                      | 10.5                      | 10.5                  | 10.5                  | 13.5                          |
| 802.11ac VHT20 | 36      | 5180      | 10.5                      | 10.5                      | 10.5                  | 10.5                  | 13.5                          |
|                | 40      | 5200      | 10.5                      | 10.5                      | 10.5                  | 10.5                  | 13.5                          |
|                | 44      | 5220      | 10.5                      | 10.5                      | 10.5                  | 10.5                  | 13.5                          |
|                | 48      | 5240      | 10.5                      | 10.5                      | 10.5                  | 10.5                  | 13.5                          |
| 802.11ac VHT40 | 38      | 5190      | 10.5                      | 10.5                      | 10.5                  | 10.5                  | 13.5                          |
|                | 46      | 5230      | 10.5                      | 10.5                      | 10.5                  | 10.5                  | 13.5                          |
| 802.11ac VHT80 | 42      | 5210      | 10.5                      | 10.5                      | 10.5                  | 10.5                  | 13.5                          |
| 802.11ax HE20  | 36      | 5180      | 10.5                      | 10.5                      | 10.5                  | 10.5                  | 13.5                          |
|                | 40      | 5200      | 10.5                      | 10.5                      | 10.5                  | 10.5                  | 13.5                          |
|                | 44      | 5220      | 10.5                      | 10.5                      | 10.5                  | 10.5                  | 13.5                          |
|                | 48      | 5240      | 10.5                      | 10.5                      | 10.5                  | 10.5                  | 13.5                          |
| 802.11ax HE40  | 38      | 5190      | 10.5                      | 10.5                      | 10.5                  | 10.5                  | 13.5                          |
|                | 46      | 5230      | 10.5                      | 10.5                      | 10.5                  | 10.5                  | 13.5                          |
| 802.11ax HE80  | 42      | 5210      | 10.5                      | 10.5                      | 10.5                  | 10.5                  | 13.5                          |

**WLAN Tune-up Power (Full)\_Tablet Mode**

**WLAN 5.3GHz**

| Mode            | Channel | Frequency | SISO Ant 0<br>Max Tune up | SISO Ant 1<br>Max Tune up | MIMO Ant 0<br>Tune-up | MIMO Ant 1<br>Tune-up | MIMO<br>Ant0+1<br>Max Tune up |
|-----------------|---------|-----------|---------------------------|---------------------------|-----------------------|-----------------------|-------------------------------|
| 802.11a         | 52      | 5260      | 10.5                      | 10.5                      |                       |                       |                               |
|                 | 56      | 5280      | 10.5                      | 10.5                      |                       |                       |                               |
|                 | 60      | 5300      | 10.5                      | 10.5                      |                       |                       |                               |
|                 | 64      | 5320      | 10.5                      | 10.5                      |                       |                       |                               |
| 802.11n HT20    | 52      | 5260      | 10.5                      | 10.5                      | 10.5                  | 10.5                  | 13.5                          |
|                 | 56      | 5280      | 10.5                      | 10.5                      | 10.5                  | 10.5                  | 13.5                          |
|                 | 60      | 5300      | 10.5                      | 10.5                      | 10.5                  | 10.5                  | 13.5                          |
|                 | 64      | 5320      | 10.5                      | 10.5                      | 10.5                  | 10.5                  | 13.5                          |
| 802.11n HT40    | 54      | 5270      | 10.5                      | 10.5                      | 10.5                  | 10.5                  | 13.5                          |
|                 | 62      | 5310      | 10.5                      | 10.5                      | 10.5                  | 10.5                  | 13.5                          |
| 802.11ac VHT20  | 52      | 5260      | 10.5                      | 10.5                      | 10.5                  | 10.5                  | 13.5                          |
|                 | 56      | 5280      | 10.5                      | 10.5                      | 10.5                  | 10.5                  | 13.5                          |
|                 | 60      | 5300      | 10.5                      | 10.5                      | 10.5                  | 10.5                  | 13.5                          |
|                 | 64      | 5320      | 10.5                      | 10.5                      | 10.5                  | 10.5                  | 13.5                          |
| 802.11ac VHT40  | 54      | 5270      | 10.5                      | 10.5                      | 10.5                  | 10.5                  | 13.5                          |
|                 | 62      | 5310      | 10.5                      | 10.5                      | 10.5                  | 10.5                  | 13.5                          |
| 802.11ac VHT80  | 58      | 5290      | 10.5                      | 10.5                      | 10.5                  | 10.5                  | 13.5                          |
| 802.11ac VHT160 | 50      | 5250      | 10.5                      | 10.5                      | 10.5                  | 10.5                  | 13.5                          |
| 802.11ax HE20   | 52      | 5260      | 10.5                      | 10.5                      | 10.5                  | 10.5                  | 13.5                          |
|                 | 56      | 5280      | 10.5                      | 10.5                      | 10.5                  | 10.5                  | 13.5                          |
|                 | 60      | 5300      | 10.5                      | 10.5                      | 10.5                  | 10.5                  | 13.5                          |
|                 | 64      | 5320      | 10.5                      | 10.5                      | 10.5                  | 10.5                  | 13.5                          |
| 802.11ax HE40   | 54      | 5270      | 10.5                      | 10.5                      | 10.5                  | 10.5                  | 13.5                          |
|                 | 62      | 5310      | 10.5                      | 10.5                      | 10.5                  | 10.5                  | 13.5                          |
| 802.11ax HE80   | 58      | 5290      | 10.5                      | 10.5                      | 10.5                  | 10.5                  | 13.5                          |
| 802.11ax HE160  | 50      | 5250      | 10.5                      | 10.5                      | 10.5                  | 10.5                  | 13.5                          |

WLAN Tune-up Power (Full)\_Tablet Mode

WLAN 5.6GHz

| Mode            | Channel | Frequency | SISO Ant 0<br>Max Tune up | SISO Ant 1<br>Max Tune up | MIMO Ant 0<br>Tune-up | MIMO Ant 1<br>Tune-up | MIMO<br>Ant0+1<br>Max Tune up |
|-----------------|---------|-----------|---------------------------|---------------------------|-----------------------|-----------------------|-------------------------------|
| 802.11a         | 100     | 5500      | 11.0                      | 10.5                      |                       |                       |                               |
|                 | 116     | 5580      | 11.0                      | 10.5                      |                       |                       |                               |
|                 | 120     | 5600      | 11.0                      | 10.5                      |                       |                       |                               |
|                 | 124     | 5620      | 11.0                      | 10.5                      |                       |                       |                               |
|                 | 132     | 5660      | 11.0                      | 10.5                      |                       |                       |                               |
|                 | 140     | 5700      | 11.0                      | 10.5                      |                       |                       |                               |
|                 | 144     | 5720      | 11.0                      | 10.5                      |                       |                       |                               |
| 802.11n HT20    | 100     | 5500      | 11.0                      | 10.5                      | 11.0                  | 10.5                  | 13.75                         |
|                 | 116     | 5580      | 11.0                      | 10.5                      | 11.0                  | 10.5                  | 13.75                         |
|                 | 120     | 5600      | 11.0                      | 10.5                      | 11.0                  | 10.5                  | 13.75                         |
|                 | 124     | 5620      | 11.0                      | 10.5                      | 11.0                  | 10.5                  | 13.75                         |
|                 | 132     | 5660      | 11.0                      | 10.5                      | 11.0                  | 10.5                  | 13.75                         |
|                 | 140     | 5700      | 11.0                      | 10.5                      | 11.0                  | 10.5                  | 13.75                         |
|                 | 144     | 5720      | 11.0                      | 10.5                      | 11.0                  | 10.5                  | 13.75                         |
| 802.11n HT40    | 102     | 5510      | 11.0                      | 10.5                      | 11.0                  | 10.5                  | 13.75                         |
|                 | 110     | 5550      | 11.0                      | 10.5                      | 11.0                  | 10.5                  | 13.75                         |
|                 | 118     | 5590      | 11.0                      | 10.5                      | 11.0                  | 10.5                  | 13.75                         |
|                 | 126     | 5630      | 11.0                      | 10.5                      | 11.0                  | 10.5                  | 13.75                         |
|                 | 134     | 5670      | 11.0                      | 10.5                      | 11.0                  | 10.5                  | 13.75                         |
|                 | 142     | 5710      | 11.0                      | 10.5                      | 11.0                  | 10.5                  | 13.75                         |
| 802.11ac VHT20  | 100     | 5500      | 11.0                      | 10.5                      | 11.0                  | 10.5                  | 13.75                         |
|                 | 116     | 5580      | 11.0                      | 10.5                      | 11.0                  | 10.5                  | 13.75                         |
|                 | 120     | 5600      | 11.0                      | 10.5                      | 11.0                  | 10.5                  | 13.75                         |
|                 | 124     | 5620      | 11.0                      | 10.5                      | 11.0                  | 10.5                  | 13.75                         |
|                 | 132     | 5660      | 11.0                      | 10.5                      | 11.0                  | 10.5                  | 13.75                         |
|                 | 140     | 5700      | 11.0                      | 10.5                      | 11.0                  | 10.5                  | 13.75                         |
|                 | 144     | 5720      | 11.0                      | 10.5                      | 11.0                  | 10.5                  | 13.75                         |
| 802.11ac VHT40  | 102     | 5510      | 11.0                      | 10.5                      | 11.0                  | 10.5                  | 13.75                         |
|                 | 110     | 5550      | 11.0                      | 10.5                      | 11.0                  | 10.5                  | 13.75                         |
|                 | 118     | 5590      | 11.0                      | 10.5                      | 11.0                  | 10.5                  | 13.75                         |
|                 | 126     | 5630      | 11.0                      | 10.5                      | 11.0                  | 10.5                  | 13.75                         |
|                 | 134     | 5670      | 11.0                      | 10.5                      | 11.0                  | 10.5                  | 13.75                         |
|                 | 142     | 5710      | 11.0                      | 10.5                      | 11.0                  | 10.5                  | 13.75                         |
| 802.11ac VHT80  | 106     | 5530      | 11.0                      | 10.5                      | 11.0                  | 10.5                  | 13.75                         |
|                 | 122     | 5610      | 11.0                      | 10.5                      | 11.0                  | 10.5                  | 13.75                         |
|                 | 138     | 5690      | 11.0                      | 10.5                      | 11.0                  | 10.5                  | 13.75                         |
| 802.11ac VHT160 | 114     | 5570      | 11.0                      | 10.5                      | 11.0                  | 10.5                  | 13.75                         |
| 802.11ax HE20   | 100     | 5500      | 11.0                      | 10.5                      | 11.0                  | 10.5                  | 13.75                         |
|                 | 116     | 5580      | 11.0                      | 10.5                      | 11.0                  | 10.5                  | 13.75                         |
|                 | 120     | 5600      | 11.0                      | 10.5                      | 11.0                  | 10.5                  | 13.75                         |
|                 | 124     | 5620      | 11.0                      | 10.5                      | 11.0                  | 10.5                  | 13.75                         |
|                 | 132     | 5660      | 11.0                      | 10.5                      | 11.0                  | 10.5                  | 13.75                         |
|                 | 140     | 5700      | 11.0                      | 10.5                      | 11.0                  | 10.5                  | 13.75                         |
|                 | 144     | 5720      | 11.0                      | 10.5                      | 11.0                  | 10.5                  | 13.75                         |
| 802.11ax HE40   | 102     | 5510      | 11.0                      | 10.5                      | 11.0                  | 10.5                  | 13.75                         |
|                 | 110     | 5550      | 11.0                      | 10.5                      | 11.0                  | 10.5                  | 13.75                         |
|                 | 118     | 5590      | 11.0                      | 10.5                      | 11.0                  | 10.5                  | 13.75                         |
|                 | 126     | 5630      | 11.0                      | 10.5                      | 11.0                  | 10.5                  | 13.75                         |
|                 | 134     | 5670      | 11.0                      | 10.5                      | 11.0                  | 10.5                  | 13.75                         |
|                 | 142     | 5710      | 11.0                      | 10.5                      | 11.0                  | 10.5                  | 13.75                         |
| 802.11ax HE80   | 106     | 5530      | 11.0                      | 10.5                      | 11.0                  | 10.5                  | 13.75                         |
|                 | 122     | 5610      | 11.0                      | 10.5                      | 11.0                  | 10.5                  | 13.75                         |
|                 | 138     | 5690      | 11.0                      | 10.5                      | 11.0                  | 10.5                  | 13.75                         |
| 802.11ax HE160  | 114     | 5570      | 11.0                      | 10.5                      | 11.0                  | 10.5                  | 13.75                         |

**WLAN Tune-up Power (Full)\_Tablet Mode**

**WLAN 5.8GHz**

| Mode           | Channel | Frequency | SISO Ant 0<br>Max Tune up | SISO Ant 1<br>Max Tune up | MIMO Ant 0<br>Tune-up | MIMO Ant 1<br>Tune-up | MIMO<br>Ant0+1<br>Max Tune up |
|----------------|---------|-----------|---------------------------|---------------------------|-----------------------|-----------------------|-------------------------------|
| 802.11a        | 149     | 5745      | 12.5                      | 11.0                      |                       |                       |                               |
|                | 153     | 5765      | 12.5                      | 11.0                      |                       |                       |                               |
|                | 157     | 5785      | 12.5                      | 11.0                      |                       |                       |                               |
|                | 161     | 5805      | 12.5                      | 11.0                      |                       |                       |                               |
|                | 165     | 5825      | 12.5                      | 11.0                      |                       |                       |                               |
| 802.11n HT20   | 149     | 5745      | 12.5                      | 11.0                      | 11.0                  | 11.0                  | 14.0                          |
|                | 153     | 5765      | 12.5                      | 11.0                      | 11.0                  | 11.0                  | 14.0                          |
|                | 157     | 5785      | 12.5                      | 11.0                      | 11.0                  | 11.0                  | 14.0                          |
|                | 161     | 5805      | 12.5                      | 11.0                      | 11.0                  | 11.0                  | 14.0                          |
|                | 165     | 5825      | 12.5                      | 11.0                      | 11.0                  | 11.0                  | 14.0                          |
| 802.11n HT40   | 151     | 5755      | 12.5                      | 11.0                      | 11.0                  | 11.0                  | 14.0                          |
|                | 159     | 5795      | 12.5                      | 11.0                      | 11.0                  | 11.0                  | 14.0                          |
| 802.11ac VHT20 | 149     | 5745      | 12.5                      | 11.0                      | 11.0                  | 11.0                  | 14.0                          |
|                | 153     | 5765      | 12.5                      | 11.0                      | 11.0                  | 11.0                  | 14.0                          |
|                | 157     | 5785      | 12.5                      | 11.0                      | 11.0                  | 11.0                  | 14.0                          |
|                | 161     | 5805      | 12.5                      | 11.0                      | 11.0                  | 11.0                  | 14.0                          |
|                | 165     | 5825      | 12.5                      | 11.0                      | 11.0                  | 11.0                  | 14.0                          |
| 802.11ac VHT40 | 151     | 5755      | 12.5                      | 11.0                      | 11.0                  | 11.0                  | 14.0                          |
|                | 159     | 5795      | 12.5                      | 11.0                      | 11.0                  | 11.0                  | 14.0                          |
| 802.11ac VHT80 | 155     | 5775      | 12.5                      | 11.0                      | 11.0                  | 11.0                  | 14.0                          |
| 802.11ax HE20  | 149     | 5745      | 12.5                      | 11.0                      | 11.0                  | 11.0                  | 14.0                          |
|                | 153     | 5765      | 12.5                      | 11.0                      | 11.0                  | 11.0                  | 14.0                          |
|                | 157     | 5785      | 12.5                      | 11.0                      | 11.0                  | 11.0                  | 14.0                          |
|                | 161     | 5805      | 12.5                      | 11.0                      | 11.0                  | 11.0                  | 14.0                          |
|                | 165     | 5825      | 12.5                      | 11.0                      | 11.0                  | 11.0                  | 14.0                          |
| 802.11ax HE40  | 151     | 5755      | 12.5                      | 11.0                      | 11.0                  | 11.0                  | 14.0                          |
|                | 159     | 5795      | 12.5                      | 11.0                      | 11.0                  | 11.0                  | 14.0                          |
| 802.11ax HE80  | 155     | 5775      | 12.5                      | 11.0                      | 11.0                  | 11.0                  | 14.0                          |

**WLAN Tune-up Power (Full)\_Laptop Mode**

**WLAN2.4GHz**

| Mode          | Channel | Frequency | SISO Ant 0<br>Max Tune<br>up | SISO Ant 1<br>Max Tune<br>up | MIMO Ant 0<br>Tune-up | MIMO Ant 1<br>Tune-up | MIMO<br>Ant0+1<br>Max Tune<br>up |
|---------------|---------|-----------|------------------------------|------------------------------|-----------------------|-----------------------|----------------------------------|
| 802.11b       | 1       | 2412      | 19.75                        | 20.0                         |                       |                       |                                  |
|               | 6       | 2437      | 21.0                         | 21.0                         |                       |                       |                                  |
|               | 11      | 2462      | 20.0                         | 20.0                         |                       |                       |                                  |
|               | 12      | 2467      | 18.0                         | 18.0                         |                       |                       |                                  |
|               | 13      | 2472      | 17.0                         | 17.0                         |                       |                       |                                  |
| 802.11g       | 1       | 2412      | 17.5                         | 17.25                        |                       |                       |                                  |
|               | 6       | 2437      | 20.5                         | 20.5                         |                       |                       |                                  |
|               | 11      | 2462      | 15.5                         | 16.0                         |                       |                       |                                  |
|               | 12      | 2467      | 15.5                         | 15.5                         |                       |                       |                                  |
|               | 13      | 2472      | 13.0                         | 13.25                        |                       |                       |                                  |
| 802.11n HT20  | 1       | 2412      | 17.5                         | 17.25                        | 14.5                  | 14.5                  | 17.5                             |
|               | 6       | 2437      | 20.5                         | 20.5                         | 18.0                  | 18.0                  | 21.0                             |
|               | 11      | 2462      | 15.5                         | 16.0                         | 14.0                  | 14.0                  | 17.0                             |
|               | 12      | 2467      | 15.5                         | 15.5                         | 12.75                 | 12.75                 | 15.75                            |
|               | 13      | 2472      | 13.0                         | 13.25                        | 9.0                   | 9.0                   | 12.0                             |
| 802.11n HT40  | 3       | 2422      | 17.0                         | 17.0                         | 14.75                 | 14.75                 | 17.75                            |
|               | 6       | 2437      | 16.5                         | 16.5                         | 15.25                 | 15.25                 | 18.25                            |
|               | 9       | 2452      | 13.0                         | 13.0                         | 10.0                  | 10.0                  | 13.0                             |
|               | 10      | 2457      | 11.5                         | 11.5                         | 8.5                   | 8.5                   | 11.5                             |
|               | 11      | 2462      | 11.5                         | 11.5                         | 8.5                   | 8.5                   | 11.5                             |
| 802.11ax HE20 | 1       | 2412      | 19.0                         | 19.0                         | 17.0                  | 17.0                  | 20.0                             |
|               | 6       | 2437      | 20.25                        | 20.5                         | 18.0                  | 18.0                  | 21.0                             |
|               | 11      | 2462      | 19.5                         | 19.5                         | 16.5                  | 16.5                  | 19.5                             |
|               | 12      | 2467      | 15.5                         | 15.5                         | 12.75                 | 12.75                 | 15.75                            |
|               | 13      | 2472      | 13.0                         | 13.25                        | 9.0                   | 9.0                   | 12.0                             |
| 802.11ax HE40 | 3       | 2422      | 17.5                         | 17.25                        | 14.75                 | 14.75                 | 17.75                            |
|               | 6       | 2437      | 20.375                       | 20.125                       | 17.75                 | 17.75                 | 20.75                            |
|               | 9       | 2452      | 18.5                         | 18.5                         | 15.5                  | 15.5                  | 18.5                             |
|               | 10      | 2457      | 16.5                         | 17.0                         | 13.5                  | 13.5                  | 16.5                             |
|               | 11      | 2462      | 16.5                         | 16.5                         | 10.0                  | 10.0                  | 13.0                             |

WLAN Tune-up Power (Full)\_Laptop Mode

Bluetooth

| Mode     | Channel | Frequency | Ant 0<br>Max Tune up | Ant 1<br>Max Tune up |
|----------|---------|-----------|----------------------|----------------------|
| BR / EDR | 0       | 2402      |                      | 11.0                 |
|          | 39      | 2441      |                      | 11.0                 |
|          | 78      | 2480      |                      | 11.0                 |
| LE       | 0       | 2402      |                      | 8.0                  |
|          | 19      | 2440      |                      | 8.0                  |
|          | 39      | 2480      |                      | 8.0                  |

**WLAN Tune-up Power (Full)\_Laptop Mode**

**WLAN 5.2GHz**

| Mode           | Channel | Frequency | SISO Ant 0<br>Max Tune up | SISO Ant 1<br>Max Tune up | MIMO Ant 0<br>Tune-up | MIMO Ant 1<br>Tune-up | MIMO<br>Ant0+1<br>Max Tune up |
|----------------|---------|-----------|---------------------------|---------------------------|-----------------------|-----------------------|-------------------------------|
| 802.11a        | 36      | 5180      | 19.0                      | 19.0                      |                       |                       |                               |
|                | 40      | 5200      | 20.5                      | 20.0                      |                       |                       |                               |
|                | 44      | 5220      | 21.0                      | 21.0                      |                       |                       |                               |
|                | 48      | 5240      | 21.0                      | 21.0                      |                       |                       |                               |
| 802.11n HT20   | 36      | 5180      | 19.0                      | 19.0                      | 16.25                 | 16.25                 | 19.25                         |
|                | 40      | 5200      | 20.5                      | 20.0                      | 18.5                  | 18.5                  | 21.5                          |
|                | 44      | 5220      | 21.0                      | 21.0                      | 19.0                  | 19.0                  | 22.0                          |
|                | 48      | 5240      | 21.0                      | 21.0                      | 19.0                  | 19.0                  | 22.0                          |
| 802.11n HT40   | 38      | 5190      | 19.0                      | 19.0                      | 16.25                 | 16.25                 | 19.25                         |
|                | 46      | 5230      | 21.0                      | 21.0                      | 19.0                  | 19.0                  | 22.0                          |
| 802.11ac VHT20 | 36      | 5180      | 19.0                      | 19.0                      | 16.25                 | 16.25                 | 19.25                         |
|                | 40      | 5200      | 20.5                      | 20.0                      | 18.5                  | 18.5                  | 21.5                          |
|                | 44      | 5220      | 21.0                      | 21.0                      | 19.0                  | 19.0                  | 22.0                          |
|                | 48      | 5240      | 21.0                      | 21.0                      | 19.0                  | 19.0                  | 22.0                          |
| 802.11ac VHT40 | 38      | 5190      | 19.0                      | 19.0                      | 16.25                 | 16.25                 | 19.25                         |
|                | 46      | 5230      | 21.0                      | 21.0                      | 19.0                  | 19.0                  | 22.0                          |
| 802.11ac VHT80 | 42      | 5210      | 18.75                     | 19.0                      | 16.5                  | 16.5                  | 19.5                          |
| 802.11ax HE20  | 36      | 5180      | 19.0                      | 19.0                      | 16.25                 | 16.25                 | 19.25                         |
|                | 40      | 5200      | 20.5                      | 20.0                      | 18.5                  | 18.5                  | 21.5                          |
|                | 44      | 5220      | 21.0                      | 21.0                      | 19.0                  | 19.0                  | 22.0                          |
|                | 48      | 5240      | 21.0                      | 21.0                      | 19.0                  | 19.0                  | 22.0                          |
| 802.11ax HE40  | 38      | 5190      | 19.0                      | 19.0                      | 16.25                 | 16.25                 | 19.25                         |
|                | 46      | 5230      | 21.0                      | 21.0                      | 19.0                  | 19.0                  | 22.0                          |
| 802.11ax HE80  | 42      | 5210      | 19.0                      | 19.0                      | 16.5                  | 16.5                  | 19.5                          |

WLAN Tune-up Power (Full)\_Laptop Mode

WLAN 5.3GHz

| Mode            | Channel | Frequency | SISO Ant 0<br>Max Tune up | SISO Ant 1<br>Max Tune up | MIMO Ant 0<br>Tune-up | MIMO Ant 1<br>Tune-up | MIMO<br>Ant0+1<br>Max Tune up |
|-----------------|---------|-----------|---------------------------|---------------------------|-----------------------|-----------------------|-------------------------------|
| 802.11a         | 52      | 5260      | 21.0                      | 21.0                      |                       |                       |                               |
|                 | 56      | 5280      | 21.0                      | 21.0                      |                       |                       |                               |
|                 | 60      | 5300      | 21.0                      | 21.0                      |                       |                       |                               |
|                 | 64      | 5320      | 18.75                     | 18.5                      |                       |                       |                               |
| 802.11n HT20    | 52      | 5260      | 21.0                      | 21.0                      | 19.0                  | 19.0                  | 22.0                          |
|                 | 56      | 5280      | 21.0                      | 21.0                      | 19.0                  | 19.0                  | 22.0                          |
|                 | 60      | 5300      | 21.0                      | 21.0                      | 19.0                  | 19.0                  | 22.0                          |
|                 | 64      | 5320      | 18.75                     | 19.0                      | 16.5                  | 16.5                  | 19.5                          |
| 802.11n HT40    | 54      | 5270      | 21.0                      | 21.0                      | 19.0                  | 19.0                  | 22.0                          |
|                 | 62      | 5310      | 17.75                     | 17.75                     | 15.25                 | 15.25                 | 18.25                         |
| 802.11ac VHT20  | 52      | 5260      | 21.0                      | 21.0                      | 19.0                  | 19.0                  | 22.0                          |
|                 | 56      | 5280      | 21.0                      | 21.0                      | 19.0                  | 19.0                  | 22.0                          |
|                 | 60      | 5300      | 21.0                      | 21.0                      | 19.0                  | 19.0                  | 22.0                          |
|                 | 64      | 5320      | 18.75                     | 18.5                      | 16.5                  | 16.5                  | 19.5                          |
| 802.11ac VHT40  | 54      | 5270      | 21.0                      | 21.0                      | 19.0                  | 19.0                  | 22.0                          |
|                 | 62      | 5310      | 17.75                     | 17.75                     | 15.25                 | 15.25                 | 18.25                         |
| 802.11ac VHT80  | 58      | 5290      | 18.25                     | 18.25                     | 15.0                  | 15.0                  | 18.0                          |
| 802.11ac VHT160 | 50      | 5250      | 15.75                     | 15.25                     | 13.25                 | 13.25                 | 16.25                         |
| 802.11ax HE20   | 52      | 5260      | 21.0                      | 21.0                      | 19.0                  | 19.0                  | 22.0                          |
|                 | 56      | 5280      | 21.0                      | 21.0                      | 19.0                  | 19.0                  | 22.0                          |
|                 | 60      | 5300      | 21.0                      | 21.0                      | 19.0                  | 19.0                  | 22.0                          |
|                 | 64      | 5320      | 19.0                      | 19.0                      | 16.5                  | 16.5                  | 19.5                          |
| 802.11ax HE40   | 54      | 5270      | 21.0                      | 21.0                      | 19.0                  | 19.0                  | 22.0                          |
|                 | 62      | 5310      | 20.75                     | 20.75                     | 17.75                 | 17.75                 | 20.75                         |
| 802.11ax HE80   | 58      | 5290      | 20.0                      | 20.0                      | 17.0                  | 17.0                  | 20.0                          |
| 802.11ax HE160  | 50      | 5250      | 19.0                      | 19.0                      | 16.0                  | 16.0                  | 19.0                          |



WLAN Tune-up Power (Full)\_Laptop Mode

WLAN 5.6GHz

| Mode            | Channel | Frequency | SISO Ant 0<br>Max Tune up | SISO Ant 1<br>Max Tune up | MIMO Ant 0<br>Tune-up | MIMO Ant 1<br>Tune-up | MIMO<br>Ant0+1<br>Max Tune up |
|-----------------|---------|-----------|---------------------------|---------------------------|-----------------------|-----------------------|-------------------------------|
| 802.11a         | 100     | 5500      | 19.5                      | 19.5                      |                       |                       |                               |
|                 | 116     | 5580      | 21.0                      | 21.0                      |                       |                       |                               |
|                 | 120     | 5600      | 21.0                      | 21.0                      |                       |                       |                               |
|                 | 124     | 5620      | 21.0                      | 21.0                      |                       |                       |                               |
|                 | 132     | 5660      | 21.0                      | 21.0                      |                       |                       |                               |
|                 | 140     | 5700      | 18.5                      | 18.0                      |                       |                       |                               |
|                 | 144     | 5720      | 21.0                      | 21.0                      |                       |                       |                               |
| 802.11n HT20    | 100     | 5500      | 19.5                      | 19.5                      | 16.25                 | 16.25                 | 19.25                         |
|                 | 116     | 5580      | 21.0                      | 21.0                      | 19.25                 | 19.25                 | 22.25                         |
|                 | 120     | 5600      | 21.0                      | 21.0                      | 19.25                 | 19.25                 | 22.25                         |
|                 | 124     | 5620      | 21.0                      | 21.0                      | 19.25                 | 19.25                 | 22.25                         |
|                 | 132     | 5660      | 21.0                      | 21.0                      | 19.25                 | 19.25                 | 22.25                         |
|                 | 140     | 5700      | 18.5                      | 18.0                      | 15.5                  | 15.5                  | 18.5                          |
|                 | 144     | 5720      | 21.0                      | 21.0                      | 19.0                  | 19.0                  | 22.0                          |
| 802.11n HT40    | 102     | 5510      | 18.75                     | 18.75                     | 16.75                 | 16.75                 | 19.75                         |
|                 | 110     | 5550      | 21.0                      | 21.0                      | 19.0                  | 19.0                  | 22.0                          |
|                 | 118     | 5590      | 21.0                      | 21.0                      | 20.0                  | 20.0                  | 23.0                          |
|                 | 126     | 5630      | 21.0                      | 21.0                      | 20.0                  | 20.0                  | 23.0                          |
|                 | 134     | 5670      | 19.75                     | 19.75                     | 18.5                  | 18.5                  | 21.5                          |
|                 | 142     | 5710      | 21.0                      | 21.0                      | 20.0                  | 20.0                  | 23.0                          |
| 802.11ac VHT20  | 100     | 5500      | 19.5                      | 19.75                     | 16.25                 | 16.25                 | 19.25                         |
|                 | 116     | 5580      | 21.0                      | 21.0                      | 19.25                 | 19.25                 | 22.25                         |
|                 | 120     | 5600      | 21.0                      | 21.0                      | 19.25                 | 19.25                 | 22.25                         |
|                 | 124     | 5620      | 21.0                      | 21.0                      | 19.25                 | 19.25                 | 22.25                         |
|                 | 132     | 5660      | 21.0                      | 21.0                      | 19.25                 | 19.25                 | 22.25                         |
|                 | 140     | 5700      | 18.5                      | 18.0                      | 17.0                  | 17.0                  | 20.0                          |
|                 | 144     | 5720      | 21.0                      | 21.0                      | 19.0                  | 19.0                  | 22.0                          |
| 802.11ac VHT40  | 102     | 5510      | 18.75                     | 18.75                     | 16.75                 | 16.75                 | 19.75                         |
|                 | 110     | 5550      | 21.0                      | 21.0                      | 19.0                  | 19.0                  | 22.0                          |
|                 | 118     | 5590      | 21.0                      | 21.0                      | 20.0                  | 20.0                  | 23.0                          |
|                 | 126     | 5630      | 21.0                      | 21.0                      | 20.0                  | 20.0                  | 23.0                          |
|                 | 134     | 5670      | 19.75                     | 19.75                     | 18.0                  | 18.0                  | 21.0                          |
|                 | 142     | 5710      | 21.0                      | 21.0                      | 20.0                  | 20.0                  | 23.0                          |
| 802.11ac VHT80  | 106     | 5530      | 19.25                     | 19.25                     | 16.5                  | 16.5                  | 19.5                          |
|                 | 122     | 5610      | 20.25                     | 20.25                     | 18.75                 | 18.75                 | 21.75                         |
|                 | 138     | 5690      | 21.0                      | 21.0                      | 19.5                  | 19.5                  | 22.5                          |
| 802.11ac VHT160 | 114     | 5570      | 15.0                      | 14.75                     | 13.75                 | 13.75                 | 16.75                         |
| 802.11ax HE20   | 100     | 5500      | 19.875                    | 19.75                     | 16.75                 | 16.75                 | 19.75                         |
|                 | 116     | 5580      | 21.0                      | 21.0                      | 19.25                 | 19.25                 | 22.25                         |
|                 | 120     | 5600      | 21.0                      | 21.0                      | 19.25                 | 19.25                 | 22.25                         |
|                 | 124     | 5620      | 21.0                      | 21.0                      | 19.25                 | 19.25                 | 22.25                         |
|                 | 132     | 5660      | 21.0                      | 21.0                      | 19.25                 | 19.25                 | 22.25                         |
|                 | 140     | 5700      | 19.25                     | 19.25                     | 16.25                 | 16.25                 | 19.25                         |
|                 | 144     | 5720      | 21.0                      | 21.0                      | 19.0                  | 19.0                  | 22.0                          |
| 802.11ax HE40   | 102     | 5510      | 19.5                      | 19.5                      | 16.75                 | 16.75                 | 19.75                         |
|                 | 110     | 5550      | 21.0                      | 21.0                      | 19.0                  | 19.0                  | 22.0                          |
|                 | 118     | 5590      | 21.0                      | 21.0                      | 20.0                  | 20.0                  | 23.0                          |
|                 | 126     | 5630      | 21.0                      | 21.0                      | 20.0                  | 20.0                  | 23.0                          |
|                 | 134     | 5670      | 20.75                     | 20.75                     | 18.5                  | 18.5                  | 21.5                          |
|                 | 142     | 5710      | 21.0                      | 21.0                      | 20.0                  | 20.0                  | 23.0                          |
| 802.11ax HE80   | 106     | 5530      | 19.25                     | 19.25                     | 16.5                  | 16.5                  | 19.5                          |
|                 | 122     | 5610      | 20.25                     | 20.25                     | 18.75                 | 18.75                 | 21.75                         |
|                 | 138     | 5690      | 21.0                      | 21.0                      | 19.5                  | 19.5                  | 22.5                          |
| 802.11ax HE160  | 114     | 5570      | 17.0                      | 17.0                      | 14.0                  | 14.0                  | 17.0                          |

**WLAN Tune-up Power (Full)\_Laptop Mode**

**WLAN 5.8GHz**

| Mode           | Channel | Frequency | SISO Ant 0<br>Max Tune up | SISO Ant 1<br>Max Tune up | MIMO Ant 0<br>Tune-up | MIMO Ant 1<br>Tune-up | MIMO<br>Ant0+1<br>Max Tune up |
|----------------|---------|-----------|---------------------------|---------------------------|-----------------------|-----------------------|-------------------------------|
| 802.11a        | 149     | 5745      | 21.0                      | 21.0                      |                       |                       |                               |
|                | 153     | 5765      | 21.0                      | 21.0                      |                       |                       |                               |
|                | 157     | 5785      | 21.0                      | 21.0                      |                       |                       |                               |
|                | 161     | 5805      | 21.0                      | 21.0                      |                       |                       |                               |
|                | 165     | 5825      | 21.0                      | 21.0                      |                       |                       |                               |
| 802.11n HT20   | 149     | 5745      | 21.0                      | 21.0                      | 18.5                  | 18.5                  | 21.5                          |
|                | 153     | 5765      | 21.0                      | 21.0                      | 18.5                  | 18.5                  | 21.5                          |
|                | 157     | 5785      | 21.0                      | 21.0                      | 18.5                  | 18.5                  | 21.5                          |
|                | 161     | 5805      | 21.0                      | 21.0                      | 18.5                  | 18.5                  | 21.5                          |
|                | 165     | 5825      | 21.0                      | 21.0                      | 18.5                  | 18.5                  | 21.5                          |
| 802.11n HT40   | 151     | 5755      | 21.0                      | 21.0                      | 19.0                  | 19.0                  | 22.0                          |
|                | 159     | 5795      | 21.0                      | 21.0                      | 19.0                  | 19.0                  | 22.0                          |
| 802.11ac VHT20 | 149     | 5745      | 21.0                      | 21.0                      | 18.5                  | 18.5                  | 21.5                          |
|                | 153     | 5765      | 21.0                      | 21.0                      | 18.5                  | 18.5                  | 21.5                          |
|                | 157     | 5785      | 21.0                      | 21.0                      | 18.5                  | 18.5                  | 21.5                          |
|                | 161     | 5805      | 21.0                      | 21.0                      | 18.5                  | 18.5                  | 21.5                          |
|                | 165     | 5825      | 21.0                      | 21.0                      | 18.5                  | 18.5                  | 21.5                          |
| 802.11ac VHT40 | 151     | 5755      | 21.0                      | 21.0                      | 19.0                  | 19.0                  | 22.0                          |
|                | 159     | 5795      | 21.0                      | 21.0                      | 19.0                  | 19.0                  | 22.0                          |
| 802.11ac VHT80 | 155     | 5775      | 19.0                      | 19.0                      | 17.0                  | 17.0                  | 20.0                          |
| 802.11ax HE20  | 149     | 5745      | 21.0                      | 21.0                      | 18.5                  | 18.5                  | 21.5                          |
|                | 153     | 5765      | 21.0                      | 21.0                      | 18.5                  | 18.5                  | 21.5                          |
|                | 157     | 5785      | 21.0                      | 21.0                      | 18.5                  | 18.5                  | 21.5                          |
|                | 161     | 5805      | 21.0                      | 21.0                      | 18.5                  | 18.5                  | 21.5                          |
|                | 165     | 5825      | 21.0                      | 21.0                      | 18.5                  | 18.5                  | 21.5                          |
| 802.11ax HE40  | 151     | 5755      | 21.0                      | 21.0                      | 19.0                  | 19.0                  | 22.0                          |
|                | 159     | 5795      | 21.0                      | 21.0                      | 19.0                  | 19.0                  | 22.0                          |
| 802.11ax HE80  | 155     | 5775      | 19.75                     | 19.75                     | 17.0                  | 17.0                  | 20.0                          |

## Appendix F. Measured Conducted Power Result

The measuring conducted power (Unit: dBm) are shown as below.

| WLAN Conducted Power (Full)_Tablet |         |           |                       |
|------------------------------------|---------|-----------|-----------------------|
| WLAN2.4GHz Ant 0                   |         |           |                       |
| Mode                               | Channel | Frequency | SISO Ant 0 Avg. Power |
| 802.11b                            | 1       | 2412      | 16.99                 |
|                                    | 6       | 2437      | 16.97                 |
|                                    | 11      | 2462      | 16.98                 |
|                                    | 12      | 2467      | 16.94                 |
|                                    | 13      | 2472      | 16.91                 |

| WLAN 5.3GHz Ant 0 |         |           |                       |
|-------------------|---------|-----------|-----------------------|
| Mode              | Channel | Frequency | SISO Ant 0 Avg. Power |
| 802.11ac VHT160   | 50      | 5250      | 10.48                 |

| WLAN 5.6GHz Ant 0 |         |           |                       |
|-------------------|---------|-----------|-----------------------|
| Mode              | Channel | Frequency | SISO Ant 0 Avg. Power |
| 802.11ac VHT160   | 114     | 5570      | 10.93                 |

| WLAN 5.8GHz Ant 0 |         |           |                       |
|-------------------|---------|-----------|-----------------------|
| Mode              | Channel | Frequency | SISO Ant 0 Avg. Power |
| 802.11ac VHT80    | 155     | 5775      | 12.45                 |

| WLAN Conducted Power (Full)_Tablet |         |           |                       |
|------------------------------------|---------|-----------|-----------------------|
| WLAN2.4GHz Ant 1                   |         |           |                       |
| Mode                               | Channel | Frequency | SISO Ant 1 Avg. Power |
| 802.11b                            | 1       | 2412      | 15.44                 |
|                                    | 6       | 2437      | 15.5                  |
|                                    | 11      | 2462      | 15.43                 |
|                                    | 12      | 2467      | 15.38                 |
|                                    | 13      | 2472      | 15.45                 |

| Bluetooth Ant 1 |         |           |                       |
|-----------------|---------|-----------|-----------------------|
| Mode            | Channel | Frequency | SISO Ant 1 Avg. Power |
| BR / EDR        | 0       | 2402      | 9.23                  |
|                 | 39      | 2441      | 9.51                  |
|                 | 78      | 2480      | 9.92                  |
| LE              | 0       | 2402      | 6.01                  |
|                 | 19      | 2440      | 6.87                  |
|                 | 39      | 2480      | 6.99                  |

| WLAN 5.3GHz Ant 1 |         |           |                       |
|-------------------|---------|-----------|-----------------------|
| Mode              | Channel | Frequency | SISO Ant 1 Avg. Power |
| 802.11ac VHT160   | 50      | 5250      | 10.49                 |

| WLAN 5.6GHz Ant 1 |         |           |                       |
|-------------------|---------|-----------|-----------------------|
| Mode              | Channel | Frequency | SISO Ant 1 Avg. Power |
| 802.11ac VHT160   | 114     | 5570      | 10.5                  |

| WLAN 5.8GHz Ant 1 |         |           |                       |
|-------------------|---------|-----------|-----------------------|
| Mode              | Channel | Frequency | SISO Ant 1 Avg. Power |
| 802.11ac VHT80    | 155     | 5775      | 10.96                 |

| WLAN Conducted Power (Full)_Tablet |         |           |                          |                          |                               |
|------------------------------------|---------|-----------|--------------------------|--------------------------|-------------------------------|
| WLAN2.4GHz Ant 0+1                 |         |           |                          |                          |                               |
| Mode                               | Channel | Frequency | MIMO Ant 0<br>Avg. Power | MIMO Ant 1<br>Avg. Power | MIMO Ant<br>0+1<br>Avg. Power |
| 802.11n HT40                       | 3       | 2422      | 14.65                    | 14.35                    | 17.51                         |
|                                    | 6       | 2437      | 14.81                    | 14.65                    | 17.74                         |
|                                    | 9       | 2452      | 13.22                    | 13.28                    | 16.26                         |
|                                    | 10      | 2457      | 9.89                     | 9.92                     | 12.92                         |
|                                    | 11      | 2462      | 8.3                      | 8.01                     | 11.17                         |

| WLAN 5.3GHz Ant 0+1 |         |           |                          |                          |                               |
|---------------------|---------|-----------|--------------------------|--------------------------|-------------------------------|
| Mode                | Channel | Frequency | MIMO Ant 0<br>Avg. Power | MIMO Ant 1<br>Avg. Power | MIMO Ant<br>0+1<br>Avg. Power |
| 802.11ac VHT160     | 50      | 5250      | 10.47                    | 10.46                    | 13.48                         |

| WLAN 5.6GHz Ant 0+1 |         |           |                          |                          |                               |
|---------------------|---------|-----------|--------------------------|--------------------------|-------------------------------|
| Mode                | Channel | Frequency | MIMO Ant 0<br>Avg. Power | MIMO Ant 1<br>Avg. Power | MIMO Ant<br>0+1<br>Avg. Power |
| 802.11ac VHT160     | 114     | 5570      | 10.99                    | 10.37                    | 13.7                          |

| WLAN 5.8GHz Ant 0+1 |         |           |                          |                          |                               |
|---------------------|---------|-----------|--------------------------|--------------------------|-------------------------------|
| Mode                | Channel | Frequency | MIMO Ant 0<br>Avg. Power | MIMO Ant 1<br>Avg. Power | MIMO Ant<br>0+1<br>Avg. Power |
| 802.11ac VHT80      | 155     | 5775      | 10.94                    | 10.84                    | 13.9                          |

| WLAN Conducted Power (Full)_Laptop |         |           |                       |
|------------------------------------|---------|-----------|-----------------------|
| WLAN2.4GHz Ant 0                   |         |           |                       |
| Mode                               | Channel | Frequency | SISO Ant 0 Avg. Power |
| 802.11b                            | 1       | 2412      | 18.39                 |
|                                    | 6       | 2437      | 19.58                 |
|                                    | 11      | 2462      | 18.83                 |
|                                    | 12      | 2467      | 16.63                 |
|                                    | 13      | 2472      | 15.73                 |

| WLAN 5.3GHz Ant 0 |         |           |                       |
|-------------------|---------|-----------|-----------------------|
| Mode              | Channel | Frequency | SISO Ant 0 Avg. Power |
| 802.11n HT40      | 54      | 5270      | 19.9                  |
|                   | 62      | 5310      | 16.71                 |

| WLAN 5.6GHz Ant 0 |         |           |                       |
|-------------------|---------|-----------|-----------------------|
| Mode              | Channel | Frequency | SISO Ant 0 Avg. Power |
| 802.11ac VHT80    | 106     | 5530      | 17.93                 |
|                   | 122     | 5610      | 18.88                 |
|                   | 138     | 5690      | 19.76                 |

| WLAN 5.8GHz Ant 0 |         |           |                       |
|-------------------|---------|-----------|-----------------------|
| Mode              | Channel | Frequency | SISO Ant 0 Avg. Power |
| 802.11n HT40      | 151     | 5755      | 19.72                 |
|                   | 159     | 5795      | 19.86                 |

| WLAN Conducted Power (Full)_Laptop |         |           |                       |
|------------------------------------|---------|-----------|-----------------------|
| WLAN2.4GHz Ant 1                   |         |           |                       |
| Mode                               | Channel | Frequency | SISO Ant 1 Avg. Power |
| 802.11b                            | 1       | 2412      | 18.83                 |
|                                    | 6       | 2437      | 19.77                 |
|                                    | 11      | 2462      | 18.95                 |
|                                    | 12      | 2467      | 16.84                 |
|                                    | 13      | 2472      | 15.90                 |

| Bluetooth Ant 1 |         |           |                       |
|-----------------|---------|-----------|-----------------------|
| Mode            | Channel | Frequency | SISO Ant 1 Avg. Power |
| BR / EDR        | 0       | 2402      | 8.76                  |
|                 | 39      | 2441      | 9.46                  |
|                 | 78      | 2480      | 9.69                  |
| LE              | 0       | 2402      | 6.44                  |
|                 | 19      | 2440      | 6.7                   |
|                 | 39      | 2480      | 6.62                  |

| WLAN 5.3GHz Ant 1 |         |           |                       |
|-------------------|---------|-----------|-----------------------|
| Mode              | Channel | Frequency | SISO Ant 1 Avg. Power |
| 802.11n HT40      | 54      | 5270      | 19.57                 |
|                   | 62      | 5310      | 16.41                 |

| WLAN 5.6GHz Ant 1 |         |           |                       |
|-------------------|---------|-----------|-----------------------|
| Mode              | Channel | Frequency | SISO Ant 1 Avg. Power |
| 802.11ac VHT80    | 106     | 5530      | 17.87                 |
|                   | 122     | 5610      | 18.86                 |
|                   | 138     | 5690      | 19.74                 |

| WLAN 5.8GHz Ant 1 |         |           |                       |
|-------------------|---------|-----------|-----------------------|
| Mode              | Channel | Frequency | SISO Ant 1 Avg. Power |
| 802.11n HT40      | 151     | 5755      | 19.54                 |
|                   | 159     | 5795      | 19.67                 |



| WLAN Conducted Power (Full)_Laptop |         |           |                          |                          |                               |
|------------------------------------|---------|-----------|--------------------------|--------------------------|-------------------------------|
| WLAN2.4GHz Ant 0+1                 |         |           |                          |                          |                               |
| Mode                               | Channel | Frequency | MIMO Ant 0<br>Avg. Power | MIMO Ant 1<br>Avg. Power | MIMO Ant<br>0+1<br>Avg. Power |
| 802.11n HT20                       | 1       | 2412      | 13.23                    | 13.25                    | 16.25                         |
|                                    | 6       | 2437      | 16.63                    | 16.73                    | 19.69                         |
|                                    | 11      | 2462      | 12.68                    | 12.79                    | 15.75                         |
|                                    | 12      | 2467      | 11.32                    | 11.43                    | 14.39                         |
|                                    | 13      | 2472      | 7.75                     | 7.64                     | 10.71                         |

| WLAN 5.3GHz Ant 0+1 |         |           |                          |                          |                               |
|---------------------|---------|-----------|--------------------------|--------------------------|-------------------------------|
| Mode                | Channel | Frequency | MIMO Ant 0<br>Avg. Power | MIMO Ant 1<br>Avg. Power | MIMO Ant<br>0+1<br>Avg. Power |
| 802.11n HT40        | 54      | 5270      | 17.77                    | 17.78                    | 20.79                         |
|                     | 62      | 5310      | 13.96                    | 14.15                    | 17.07                         |

| WLAN 5.6GHz Ant 0+1 |         |           |                          |                          |                               |
|---------------------|---------|-----------|--------------------------|--------------------------|-------------------------------|
| Mode                | Channel | Frequency | MIMO Ant 0<br>Avg. Power | MIMO Ant 1<br>Avg. Power | MIMO Ant<br>0+1<br>Avg. Power |
| 802.11n HT40        | 102     | 5510      | 15.57                    | 15.6                     | 18.6                          |
|                     | 110     | 5550      | 17.94                    | 17.72                    | 20.84                         |
|                     | 118     | 5590      | 18.88                    | 18.79                    | 21.85                         |
|                     | 126     | 5630      | 18.91                    | 18.74                    | 21.84                         |
|                     | 134     | 5670      | 17.31                    | 17.18                    | 20.26                         |
|                     | 142     | 5710      | 18.98                    | 18.72                    | 21.86                         |

| WLAN 5.8GHz Ant 0+1 |         |           |                          |                          |                               |
|---------------------|---------|-----------|--------------------------|--------------------------|-------------------------------|
| Mode                | Channel | Frequency | MIMO Ant 0<br>Avg. Power | MIMO Ant 1<br>Avg. Power | MIMO Ant<br>0+1<br>Avg. Power |
| 802.11n HT40        | 151     | 5755      | 17.71                    | 17.62                    | 20.68                         |
|                     | 159     | 5795      | 17.72                    | 17.62                    | 20.68                         |

### Appendix G. Analysis of Simultaneous Transmission SAR.

The analysis of simultaneous transmission SAR are shown as below.

| Simultaneous Transmission SAR Evaluation(Tablet Mode) |                 |               |             |                            |                            |
|---|-----------------|---------------|-------------|----------------------------|----------------------------|
| Position  | A               | B             | C           | A+C                        | B+C                        |
|   | Max WLAN 2.4GHz | Max WLAN 5GHz | BT Ant 1    | Summimg result 1g SAR W/kg | Summimg result 1g SAR W/kg |
|   | 1g SAR W/kg     | 1g SAR W/kg   | 1g SAR W/kg |                            |                            |
| Rear Face   | 0.36            | 0.49          | 0.12        | 0.48                       | 0.61                       |
| Left Side   | 0.10            | 0.11          | 0.00        | 0.10                       | 0.11                       |
| Right Side  | 0.11            | 0.11          | 0.00        | 0.11                       | 0.11                       |
| Top Side  | 0.96            | 1.06          | 0.36        | 1.32                       | 1.42                       |
| Bottom Side   | 0.00            | 0.09          | 0.00        | 0.00                       | 0.09                       |

| Simultaneous Transmission SAR Evaluation(Laptop Mode) |                 |               |             |                            |                            |
|---|-----------------|---------------|-------------|----------------------------|----------------------------|
| Position  | A               | B             | C           | A+C                        | B+C                        |
|   | Max WLAN 2.4GHz | Max WLAN 5GHz | BT Ant 1    | Summimg result 1g SAR W/kg | Summimg result 1g SAR W/kg |
|   | 1g SAR W/kg     | 1g SAR W/kg   | 1g SAR W/kg |                            |                            |
| Bottom  | 0.00            | 0.19          | 0.00        | 0.00                       | 0.19                       |
| Back of Panel   | 0.00            | 0.32          | 0.00        | 0.00                       | 0.32                       |
| Top Side of Panel                                     | 0.14            | 1.13          | 0.00        | 0.14                       | 1.13                       |