

### Appendix A. Plots of System Verification

The plots for system verification are shown as follows.

## Plots of System Verification

### Measurement Report

S01 System Check\_H2450\_260604

### Device under Test Properties

| Model, Manufacturer | Dimensions [mm]     | IMEI | DUT Type |
|---------------------|---------------------|------|----------|
| D2450V2,            | 10.0 x 10.0 x 290.0 |      |          |

### Exposure Conditions

| Phantom Section, TSL | Position, Test Distance [mm] | Band | Group, UID | Frequency [MHz], Channel Number | Conversion Factor | TSL Conductivity [S/m] | TSL Permittivity |
|----------------------|------------------------------|------|------------|---------------------------------|-------------------|------------------------|------------------|
| Flat,                | ,                            |      | CW, 0--    | 2450.000, 0                     | 7.09              | 1.80                   | 38.9             |

### Hardware Setup

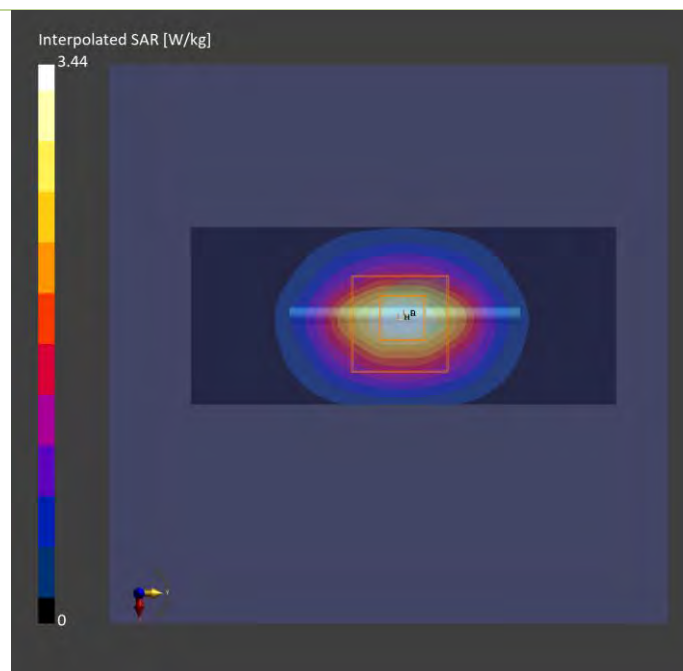
| Phantom                            | TSL, Measured Date    | Probe, Calibration Date     | DAE, Calibration Date   |
|------------------------------------|-----------------------|-----------------------------|-------------------------|
| ELI V8.0 (20deg probe tilt) - 2188 | H19T27N9 , 2026-06-04 | EX3DV4 - SN3650, 2026-01-26 | DAE4 Sn1341, 2026-03-11 |

### Scan Setup

|                     | Area Scan   | Zoom Scan          |
|---------------------|-------------|--------------------|
| Grid Extents [mm]   | 48.0 x 96.0 | 35.0 x 35.0 x 30.0 |
| Grid Steps [mm]     | 12.0 x 12.0 | 5.0 x 5.0 x 1.5    |
| Sensor Surface [mm] | 3.0         | 1.4                |

### Measurement Results

|                  | Area Scan  | Zoom Scan  |
|------------------|------------|------------|
| Date             | 2026-06-04 | 2026-06-04 |
| psSAR1g [W/kg]   | 2.61       | 2.65       |
| psSAR10g [W/kg]  | 1.18       | 1.22       |
| Power Drift [dB] | -0.09      | 0.06       |



## Plots of System Verification

### Measurement Report

S02 System Check\_H5250\_260605

### Device under Test Properties

| Model, Manufacturer | Dimensions [mm]     | IMEI | DUT Type |
|---------------------|---------------------|------|----------|
| D5GHzV2,            | 10.0 x 10.0 x 300.0 |      |          |

### Exposure Conditions

| Phantom Section, TSL | Position, Test Distance [mm] | Band | Group, UID | Frequency [MHz], Channel Number | Conversion Factor | TSL Conductivity [S/m] | TSL Permittivity |
|----------------------|------------------------------|------|------------|---------------------------------|-------------------|------------------------|------------------|
| Flat,                | ,                            |      | CW, 0--    | 5250.000, 0                     | 5.57              | 4.49                   | 34.8             |

### Hardware Setup

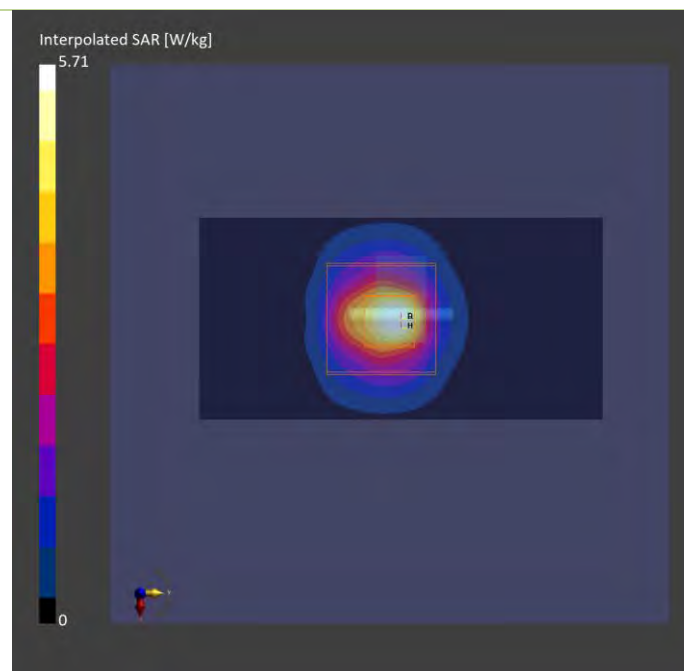
| Phantom                            | TSL, Measured Date    | Probe, Calibration Date     | DAE, Calibration Date   |
|------------------------------------|-----------------------|-----------------------------|-------------------------|
| ELI V8.0 (20deg probe tilt) - 2188 | H50T60N9 , 2026-06-05 | EX3DV4 - SN3650, 2026-01-26 | DAE4 Sn1341, 2026-03-11 |

### Scan Setup

|                     | Area Scan   | Zoom Scan          |
|---------------------|-------------|--------------------|
| Grid Extents [mm]   | 40.0 x 80.0 | 24.0 x 24.0 x 22.0 |
| Grid Steps [mm]     | 10.0 x 10.0 | 4.0 x 4.0 x 1.4    |
| Sensor Surface [mm] | 3.0         | 1.4                |

### Measurement Results

|                  | Area Scan  | Zoom Scan  |
|------------------|------------|------------|
| Date             | 2026-06-05 | 2026-06-05 |
| psSAR1g [W/kg]   | 3.81       | 4.08       |
| psSAR10g [W/kg]  | 1.13       | 1.16       |
| Power Drift [dB] | -0.06      | -0.02      |



## Plots of System Verification

### Measurement Report

S03 System Check H5600\_260605

### Device under Test Properties

| Model, Manufacturer | Dimensions [mm]     | IMEI | DUT Type |
|---------------------|---------------------|------|----------|
| D5GHzV2,            | 10.0 x 10.0 x 300.0 |      |          |

### Exposure Conditions

| Phantom Section, TSL | Position, Test Distance [mm] | Band | Group, UID | Frequency [MHz], Channel Number | Conversion Factor | TSL Conductivity [S/m] | TSL Permittivity |
|----------------------|------------------------------|------|------------|---------------------------------|-------------------|------------------------|------------------|
| Flat,                | ,                            |      | CW, 0--    | 5600.000, 0                     | 5.11              | 4.87                   | 34.2             |

### Hardware Setup

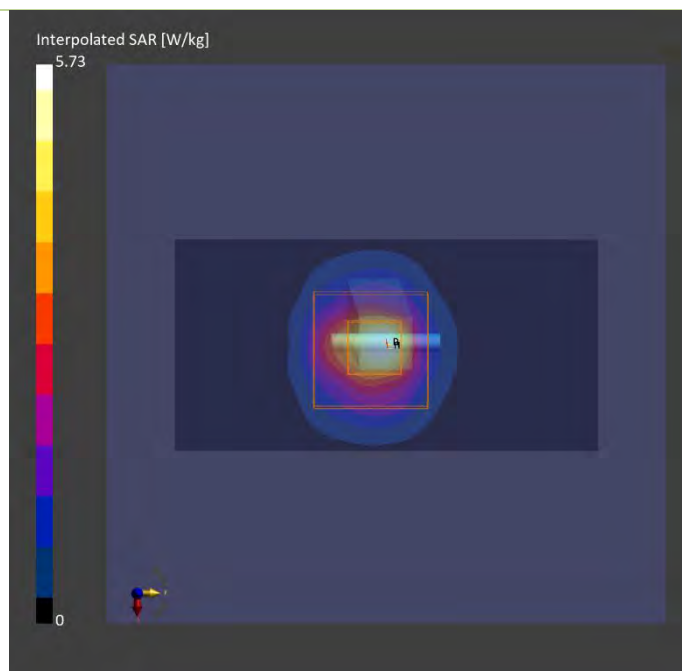
| Phantom                            | TSL, Measured Date    | Probe, Calibration Date     | DAE, Calibration Date   |
|------------------------------------|-----------------------|-----------------------------|-------------------------|
| ELI V8.0 (20deg probe tilt) - 2188 | H50T60N9 , 2026-06-05 | EX3DV4 - SN3650, 2026-01-26 | DAE4 Sn1341, 2026-03-11 |

### Scan Setup

|                     | Area Scan   | Zoom Scan          |
|---------------------|-------------|--------------------|
| Grid Extents [mm]   | 40.0 x 80.0 | 24.0 x 24.0 x 22.0 |
| Grid Steps [mm]     | 10.0 x 10.0 | 4.0 x 4.0 x 1.4    |
| Sensor Surface [mm] | 3.0         | 1.4                |

### Measurement Results

|                  | Area Scan  | Zoom Scan  |
|------------------|------------|------------|
| Date             | 2026-06-05 | 2026-06-05 |
| psSAR1g [W/kg]   | 3.79       | 3.97       |
| psSAR10g [W/kg]  | 1.08       | 1.13       |
| Power Drift [dB] | -0.02      | 0.03       |



## Plots of System Verification

### Measurement Report

S04 System Check\_H5800\_260605

### Device under Test Properties

| Model, Manufacturer | Dimensions [mm]     | IMEI | DUT Type |
|---------------------|---------------------|------|----------|
| D5GHzV2,            | 10.0 x 10.0 x 300.0 |      |          |

### Exposure Conditions

| Phantom Section, TSL | Position, Test Distance [mm] | Band | Group, UID | Frequency [MHz], Channel Number | Conversion Factor | TSL Conductivity [S/m] | TSL Permittivity |
|----------------------|------------------------------|------|------------|---------------------------------|-------------------|------------------------|------------------|
| Flat,                | ,                            |      | CW, 0--    | 5800.000, 0                     | 5.04              | 5.09                   | 33.8             |

### Hardware Setup

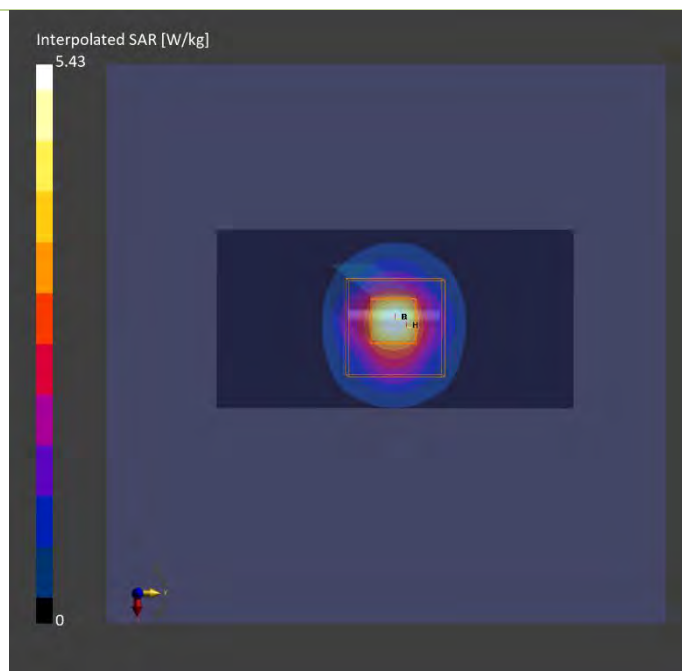
| Phantom                            | TSL, Measured Date    | Probe, Calibration Date     | DAE, Calibration Date   |
|------------------------------------|-----------------------|-----------------------------|-------------------------|
| ELI V8.0 (20deg probe tilt) - 2188 | H50T60N9 , 2026-06-05 | EX3DV4 - SN3650, 2026-01-26 | DAE4 Sn1341, 2026-03-11 |

### Scan Setup

|                     | Area Scan   | Zoom Scan          |
|---------------------|-------------|--------------------|
| Grid Extents [mm]   | 40.0 x 80.0 | 24.0 x 24.0 x 22.0 |
| Grid Steps [mm]     | 10.0 x 10.0 | 4.0 x 4.0 x 1.4    |
| Sensor Surface [mm] | 3.0         | 1.4                |

### Measurement Results

|                  | Area Scan  | Zoom Scan  |
|------------------|------------|------------|
| Date             | 2026-06-05 | 2026-06-05 |
| psSAR1g [W/kg]   | 3.85       | 3.93       |
| psSAR10g [W/kg]  | 1.16       | 1.19       |
| Power Drift [dB] | -0.06      | 0.04       |



## Plots of System Verification

### Measurement Report S05 System Check\_H5800\_260606 Device under Test Properties

| Model, Manufacturer | Dimensions [mm]     | IMEI | DUT Type |
|---------------------|---------------------|------|----------|
| D5GHzV2             | 10.0 x 10.0 x 300.0 |      |          |

### Exposure Conditions

| Phantom Section, TSL | Position, Test Distance [mm] | Band | Group, UID | Frequency [MHz], Channel Number | Conversion Factor | TSL Conductivity [S/m] | TSL Permittivity |
|----------------------|------------------------------|------|------------|---------------------------------|-------------------|------------------------|------------------|
| Flat                 |                              |      |            | 5800.000                        | 5.04              | 5.22                   | 36.3             |

### Hardware Setup

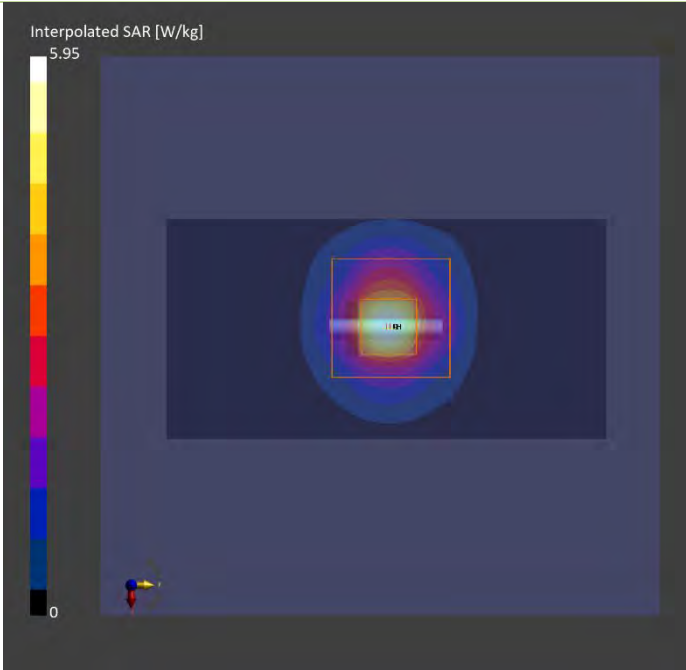
| Phantom                            | TSL, Measured Date    | Probe, Calibration Date     | DAE, Calibration Date   |
|------------------------------------|-----------------------|-----------------------------|-------------------------|
| ELI V8.0 (20deg probe tilt) - 2188 | H50T60N9 , 2026-06-06 | EX3DV4 - SN3650, 2026-01-26 | DAE4 Sn1341, 2026-03-11 |

### Scan Setup

|                     | Area Scan   | Zoom Scan          |
|---------------------|-------------|--------------------|
| Grid Extents [mm]   | 40.0 x 80.0 | 24.0 x 24.0 x 22.0 |
| Grid Steps [mm]     | 10.0 x 10.0 | 4.0 x 4.0 x 1.4    |
| Sensor Surface [mm] | 3.0         | 1.4                |

### Measurement Results

|                  | Area Scan  | Zoom Scan  |
|------------------|------------|------------|
| Date             | 2026-06-06 | 2026-06-06 |
| psSAR1g [W/kg]   | 3.83       | 4.05       |
| psSAR10g [W/kg]  | 1.06       | 1.15       |
| Power Drift [dB] | 0.03       | -0.01      |



## Plots of System Verification

### Measurement Report

S06 System Check\_H2450\_260604

### Device under Test Properties

| Model, Manufacturer | Dimensions [mm]     | IMEI | DUT Type |
|---------------------|---------------------|------|----------|
| D2450V2,            | 10.0 x 10.0 x 290.0 |      |          |

### Exposure Conditions

| Phantom Section, TSL | Position, Test Distance [mm] | Band | Group, UID | Frequency [MHz], Channel Number | Conversion Factor | TSL Conductivity [S/m] | TSL Permittivity |
|----------------------|------------------------------|------|------------|---------------------------------|-------------------|------------------------|------------------|
| Flat,                | ,                            |      | CW, 0--    | 2450.000, 0                     | 7.09              | 1.80                   | 38.9             |

### Hardware Setup

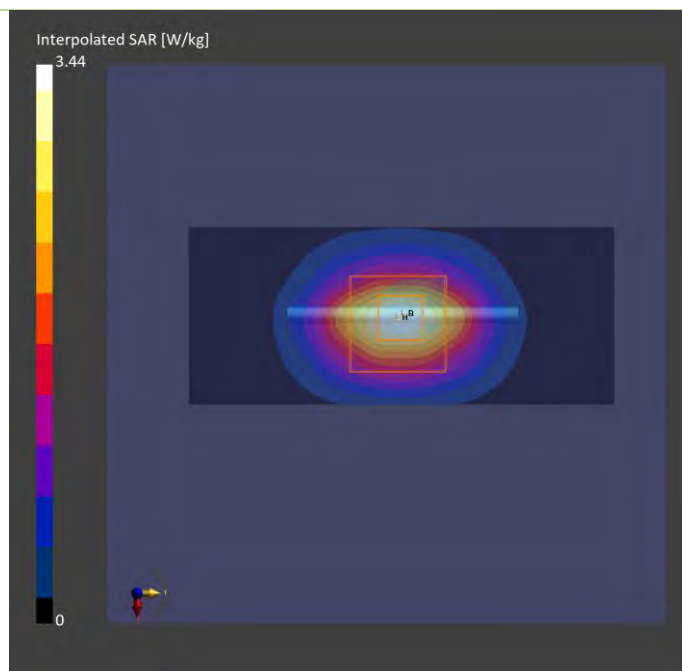
| Phantom                            | TSL, Measured Date    | Probe, Calibration Date     | DAE, Calibration Date   |
|------------------------------------|-----------------------|-----------------------------|-------------------------|
| ELI V8.0 (20deg probe tilt) - 2188 | H19T27N9 , 2026-06-04 | EX3DV4 - SN3650, 2026-01-26 | DAE4 Sn1341, 2026-03-11 |

### Scan Setup

|                     | Area Scan   | Zoom Scan          |
|---------------------|-------------|--------------------|
| Grid Extents [mm]   | 48.0 x 96.0 | 35.0 x 35.0 x 30.0 |
| Grid Steps [mm]     | 12.0 x 12.0 | 5.0 x 5.0 x 1.5    |
| Sensor Surface [mm] | 3.0         | 1.4                |

### Measurement Results

|                  | Area Scan  | Zoom Scan  |
|------------------|------------|------------|
| Date             | 2026-06-04 | 2026-06-04 |
| psSAR1g [W/kg]   | 2.61       | 2.65       |
| psSAR10g [W/kg]  | 1.18       | 1.22       |
| Power Drift [dB] | -0.09      | 0.06       |



## Plots of System Verification

### Measurement Report S13 System Check\_H6500\_260614 Device under Test Properties

| Model, Manufacturer | Dimensions [mm]     | IMEI | DUT Type |
|---------------------|---------------------|------|----------|
| D6.5GHV2,           | 10.0 x 10.0 x 300.0 |      |          |

### Exposure Conditions

| Phantom Section, TSL | Position, Test Distance [mm] | Band | Group, UID | Frequency [MHz], Channel Number | Conversion Factor | TSL Conductivity [S/m] | TSL Permittivity |
|----------------------|------------------------------|------|------------|---------------------------------|-------------------|------------------------|------------------|
| Flat,                | ,                            |      | CW, 0--    | 6500.000, 0                     | 5.25              | 5.94                   | 35.6             |

### Hardware Setup

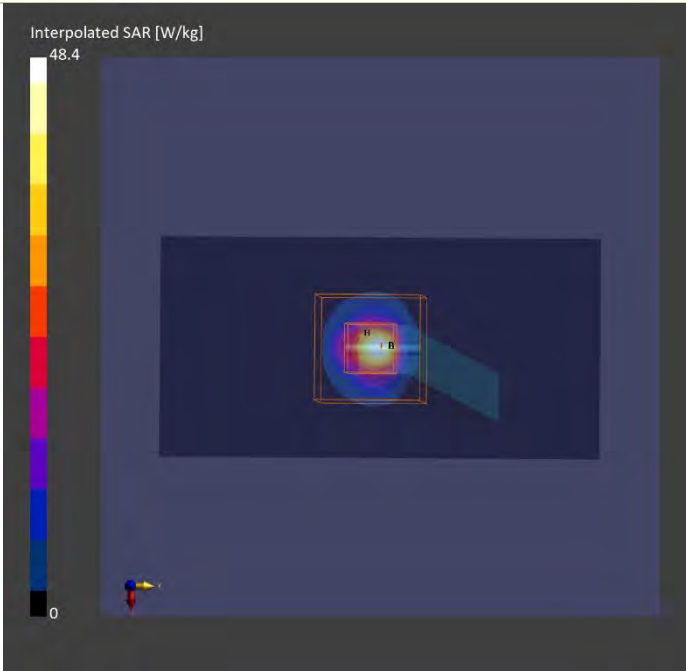
| Phantom                            | TSL, Measured Date    | Probe, Calibration Date     | DAE, Calibration Date   |
|------------------------------------|-----------------------|-----------------------------|-------------------------|
| ELI V8.0 (20deg probe tilt) - 2118 | H60T72N5 , 2026-06-14 | EX3DV4 - SN7696, 2025-09-11 | DAE4 Sn1590, 2025-08-13 |

### Scan Setup

|                     | Area Scan   | Zoom Scan          |
|---------------------|-------------|--------------------|
| Grid Extents [mm]   | 45.0 x 90.0 | 22.0 x 22.0 x 22.0 |
| Grid Steps [mm]     | 7.5 x 7.5   | 3.4 x 3.4 x 1.4    |
| Sensor Surface [mm] | 3.0         | 1.4                |

### Measurement Results

|                           | Area Scan  | Zoom Scan  |
|---------------------------|------------|------------|
| Date                      | 2026-06-14 | 2026-06-14 |
| psSAR1g [W/kg]            | 29.6       | 30.2       |
| psSAR10g [W/kg]           | 5.42       | 5.65       |
| psAPD (1.0cm2, sq) [W/m2] |            | 291        |
| psAPD (4.0cm2, sq) [W/m2] |            | 129        |
| Power Drift [dB]          | 0.01       | 0.08       |



## Plots of System Verification

### Measurement Report S13\_PD\_System Check\_10 GHz\_260611 Device under Test Properties

| Model, Manufacturer                     | Dimensions [mm]       | IMEI     | DUT Type |
|-----------------------------------------|-----------------------|----------|----------|
| SPEAG, 5G Verification Source<br>10 GHz | 100.0 x 100.0 x 170.0 | SN: 1025 | Laptop   |

### Exposure Conditions

| Phantom Section | Position, Test Distance [mm] | Band            | Group, UID | Frequency [MHz], Channel Number | Conversion Factor |
|-----------------|------------------------------|-----------------|------------|---------------------------------|-------------------|
| 5G Air          | FRONT, 5.55                  | Validation band | CW, 0--    | 10000.0, 10000                  | 1.0               |

### Hardware Setup

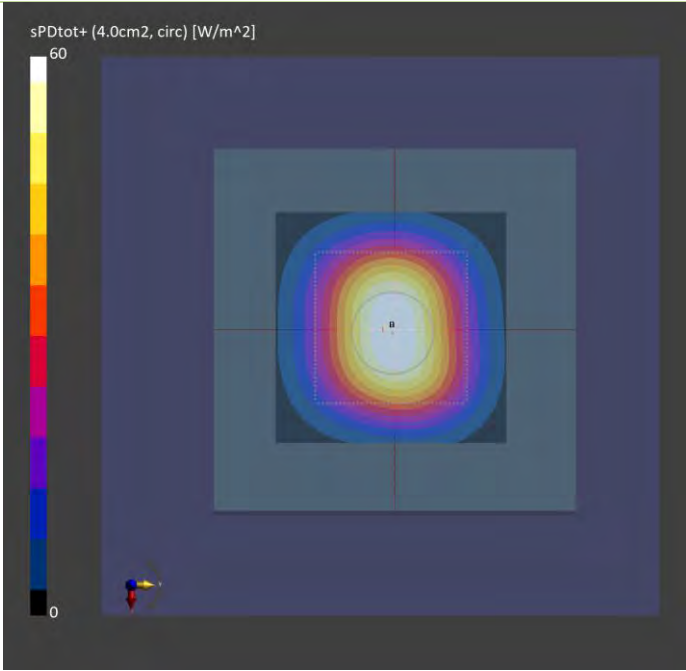
| Phantom      | Medium | Probe, Calibration Date               | DAE, Calibration Date   |
|--------------|--------|---------------------------------------|-------------------------|
| mmWave- 1035 | ---Air | EUmmWV4 - SN9438_F1-55GHz, 2026-03-12 | DAE4 Sn1762, 2025-10-20 |

### Scan Setup

|                     | 5G Scan       |
|---------------------|---------------|
| Grid Extents [mm]   | 60.0 x 60.0   |
| Grid Steps [lambda] | 0.125 x 0.125 |
| Sensor Surface [mm] | 5.55          |
| MAIA                | N/A           |

### Measurement Results

|                              | 5G Scan    |
|------------------------------|------------|
| Date                         | 2026-06-11 |
| Avg. Area [cm <sup>2</sup> ] | 4.00       |
| psPDn+ [W/m <sup>2</sup> ]   | 59.8       |
| psPDtot+ [W/m <sup>2</sup> ] | 60.0       |
| psPDmod+ [W/m <sup>2</sup> ] | 60.2       |
| E <sub>max</sub> [V/m]       | 157        |
| Power Drift [dB]             | 0.12       |



## Plots of System Verification

### Measurement Report

S07 System Check\_H2450\_260604

### Device under Test Properties

| Model, Manufacturer | Dimensions [mm]     | IMEI | DUT Type |
|---------------------|---------------------|------|----------|
| D2450V2,            | 10.0 x 10.0 x 290.0 |      |          |

### Exposure Conditions

| Phantom Section, TSL | Position, Test Distance [mm] | Band | Group, UID | Frequency [MHz], Channel Number | Conversion Factor | TSL Conductivity [S/m] | TSL Permittivity |
|----------------------|------------------------------|------|------------|---------------------------------|-------------------|------------------------|------------------|
| Flat,                | ,                            |      | CW, 0--    | 2450.000, 0                     | 7.09              | 1.80                   | 38.9             |

### Hardware Setup

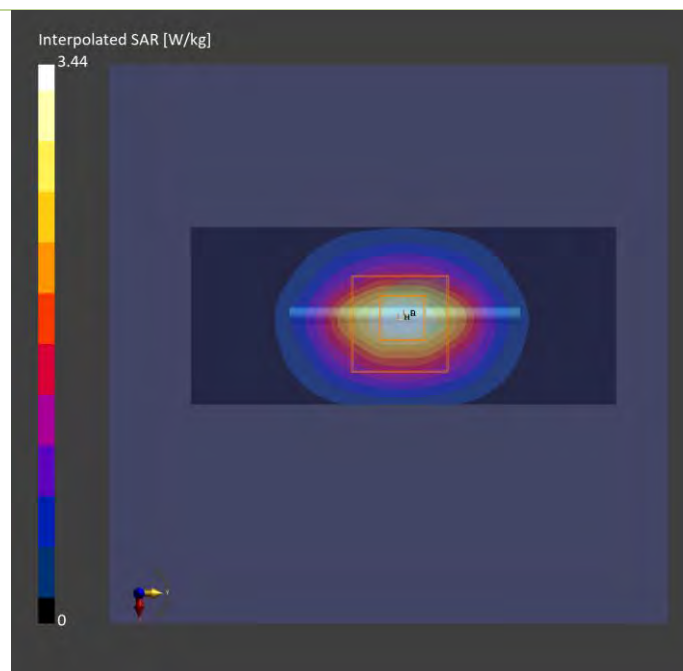
| Phantom                            | TSL, Measured Date    | Probe, Calibration Date     | DAE, Calibration Date   |
|------------------------------------|-----------------------|-----------------------------|-------------------------|
| ELI V8.0 (20deg probe tilt) - 2188 | H19T27N9 , 2026-06-04 | EX3DV4 - SN3650, 2026-01-26 | DAE4 Sn1341, 2026-03-11 |

### Scan Setup

|                     | Area Scan   | Zoom Scan          |
|---------------------|-------------|--------------------|
| Grid Extents [mm]   | 48.0 x 96.0 | 35.0 x 35.0 x 30.0 |
| Grid Steps [mm]     | 12.0 x 12.0 | 5.0 x 5.0 x 1.5    |
| Sensor Surface [mm] | 3.0         | 1.4                |

### Measurement Results

|                  | Area Scan  | Zoom Scan  |
|------------------|------------|------------|
| Date             | 2026-06-04 | 2026-06-04 |
| psSAR1g [W/kg]   | 2.61       | 2.65       |
| psSAR10g [W/kg]  | 1.18       | 1.22       |
| Power Drift [dB] | -0.09      | 0.06       |



## Plots of System Verification

### Measurement Report

S08 System Check\_H5250\_260605

### Device under Test Properties

| Model, Manufacturer | Dimensions [mm]     | IMEI | DUT Type |
|---------------------|---------------------|------|----------|
| D5GHzV2,            | 10.0 x 10.0 x 300.0 |      |          |

### Exposure Conditions

| Phantom Section, TSL | Position, Test Distance [mm] | Band | Group, UID | Frequency [MHz], Channel Number | Conversion Factor | TSL Conductivity [S/m] | TSL Permittivity |
|----------------------|------------------------------|------|------------|---------------------------------|-------------------|------------------------|------------------|
| Flat,                | ,                            |      | CW, 0--    | 5250.000, 0                     | 5.57              | 4.49                   | 34.8             |

### Hardware Setup

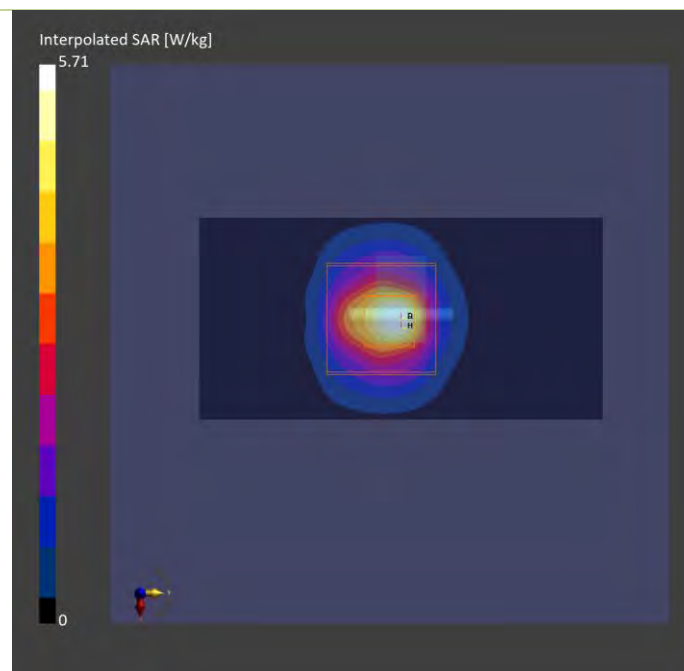
| Phantom                            | TSL, Measured Date    | Probe, Calibration Date     | DAE, Calibration Date   |
|------------------------------------|-----------------------|-----------------------------|-------------------------|
| ELI V8.0 (20deg probe tilt) - 2188 | H50T60N9 , 2026-06-05 | EX3DV4 - SN3650, 2026-01-26 | DAE4 Sn1341, 2026-03-11 |

### Scan Setup

|                     | Area Scan   | Zoom Scan          |
|---------------------|-------------|--------------------|
| Grid Extents [mm]   | 40.0 x 80.0 | 24.0 x 24.0 x 22.0 |
| Grid Steps [mm]     | 10.0 x 10.0 | 4.0 x 4.0 x 1.4    |
| Sensor Surface [mm] | 3.0         | 1.4                |

### Measurement Results

|                  | Area Scan  | Zoom Scan  |
|------------------|------------|------------|
| Date             | 2026-06-05 | 2026-06-05 |
| psSAR1g [W/kg]   | 3.81       | 4.08       |
| psSAR10g [W/kg]  | 1.13       | 1.16       |
| Power Drift [dB] | -0.06      | -0.02      |



## Plots of System Verification

### Measurement Report

S09 System Check H5600\_260605

### Device under Test Properties

| Model, Manufacturer | Dimensions [mm]     | IMEI | DUT Type |
|---------------------|---------------------|------|----------|
| D5GHzV2,            | 10.0 x 10.0 x 300.0 |      |          |

### Exposure Conditions

| Phantom Section, TSL | Position, Test Distance [mm] | Band | Group, UID | Frequency [MHz], Channel Number | Conversion Factor | TSL Conductivity [S/m] | TSL Permittivity |
|----------------------|------------------------------|------|------------|---------------------------------|-------------------|------------------------|------------------|
| Flat,                | ,                            |      | CW, 0--    | 5600.000, 0                     | 5.11              | 4.87                   | 34.2             |

### Hardware Setup

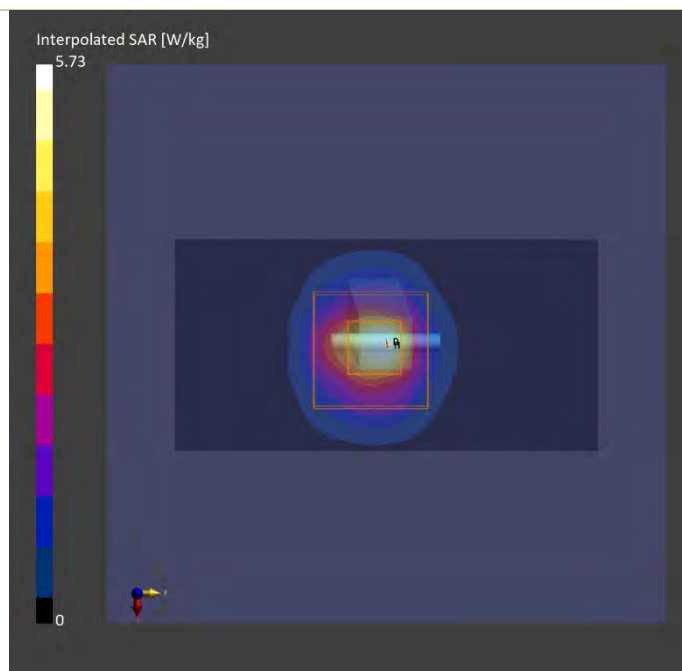
| Phantom                            | TSL, Measured Date    | Probe, Calibration Date     | DAE, Calibration Date   |
|------------------------------------|-----------------------|-----------------------------|-------------------------|
| ELI V8.0 (20deg probe tilt) - 2188 | H50T60N9 , 2026-06-05 | EX3DV4 - SN3650, 2026-01-26 | DAE4 Sn1341, 2026-03-11 |

### Scan Setup

|                     | Area Scan   | Zoom Scan          |
|---------------------|-------------|--------------------|
| Grid Extents [mm]   | 40.0 x 80.0 | 24.0 x 24.0 x 22.0 |
| Grid Steps [mm]     | 10.0 x 10.0 | 4.0 x 4.0 x 1.4    |
| Sensor Surface [mm] | 3.0         | 1.4                |

### Measurement Results

|                  | Area Scan  | Zoom Scan  |
|------------------|------------|------------|
| Date             | 2026-06-05 | 2026-06-05 |
| psSAR1g [W/kg]   | 3.79       | 3.97       |
| psSAR10g [W/kg]  | 1.08       | 1.13       |
| Power Drift [dB] | -0.02      | 0.03       |



## Plots of System Verification

### Measurement Report

S10 System Check\_H5800\_260605

### Device under Test Properties

| Model, Manufacturer | Dimensions [mm]     | IMEI | DUT Type |
|---------------------|---------------------|------|----------|
| D5GHzV2,            | 10.0 x 10.0 x 300.0 |      |          |

### Exposure Conditions

| Phantom Section, TSL | Position, Test Distance [mm] | Band | Group, UID | Frequency [MHz], Channel Number | Conversion Factor | TSL Conductivity [S/m] | TSL Permittivity |
|----------------------|------------------------------|------|------------|---------------------------------|-------------------|------------------------|------------------|
| Flat,                | ,                            |      | CW, 0--    | 5800.000, 0                     | 5.04              | 5.09                   | 33.8             |

### Hardware Setup

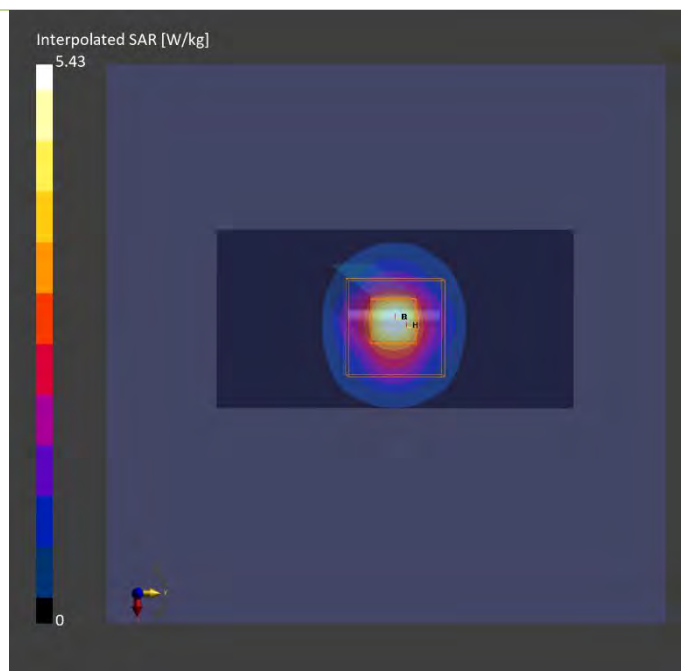
| Phantom                            | TSL, Measured Date    | Probe, Calibration Date     | DAE, Calibration Date   |
|------------------------------------|-----------------------|-----------------------------|-------------------------|
| ELI V8.0 (20deg probe tilt) - 2188 | H50T60N9 , 2026-06-05 | EX3DV4 - SN3650, 2026-01-26 | DAE4 Sn1341, 2026-03-11 |

### Scan Setup

|                     | Area Scan   | Zoom Scan          |
|---------------------|-------------|--------------------|
| Grid Extents [mm]   | 40.0 x 80.0 | 24.0 x 24.0 x 22.0 |
| Grid Steps [mm]     | 10.0 x 10.0 | 4.0 x 4.0 x 1.4    |
| Sensor Surface [mm] | 3.0         | 1.4                |

### Measurement Results

|                  | Area Scan  | Zoom Scan  |
|------------------|------------|------------|
| Date             | 2026-06-05 | 2026-06-05 |
| psSAR1g [W/kg]   | 3.85       | 3.93       |
| psSAR10g [W/kg]  | 1.16       | 1.19       |
| Power Drift [dB] | -0.06      | 0.04       |



# Plots of System Verification

## Measurement Report S11 System Check\_H5800\_260606 Device under Test Properties

| Model, Manufacturer | Dimensions [mm]     | IMEI | DUT Type |
|---------------------|---------------------|------|----------|
| D5GHzV2             | 10.0 x 10.0 x 300.0 |      |          |

## Exposure Conditions

| Phantom Section, TSL | Position, Test Distance [mm] | Band | Group, UID | Frequency [MHz], Channel Number | Conversion Factor | TSL Conductivity [S/m] | TSL Permittivity |
|----------------------|------------------------------|------|------------|---------------------------------|-------------------|------------------------|------------------|
| Flat                 |                              |      |            | 5800.000                        | 5.04              | 5.22                   | 36.3             |

## Hardware Setup

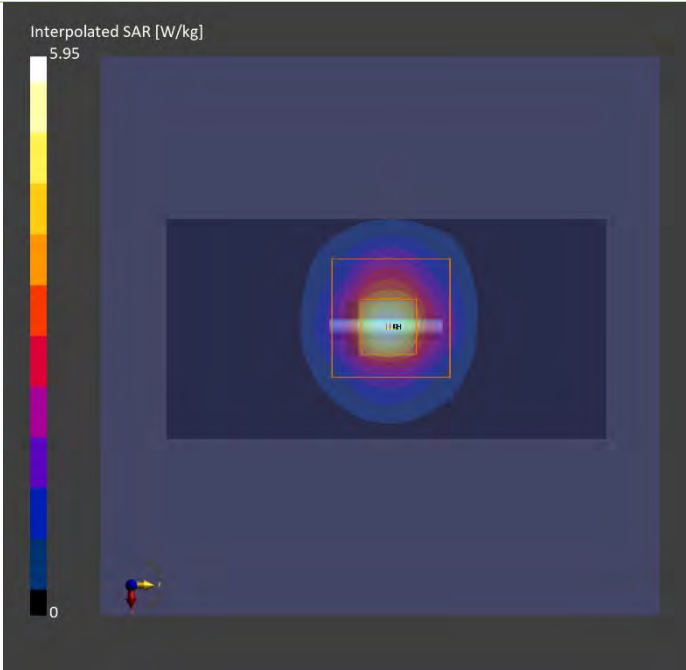
| Phantom                            | TSL, Measured Date    | Probe, Calibration Date     | DAE, Calibration Date   |
|------------------------------------|-----------------------|-----------------------------|-------------------------|
| ELI V8.0 (20deg probe tilt) - 2188 | H50T60N9 , 2026-06-06 | EX3DV4 - SN3650, 2026-01-26 | DAE4 Sn1341, 2026-03-11 |

## Scan Setup

|                     | Area Scan   | Zoom Scan          |
|---------------------|-------------|--------------------|
| Grid Extents [mm]   | 40.0 x 80.0 | 24.0 x 24.0 x 22.0 |
| Grid Steps [mm]     | 10.0 x 10.0 | 4.0 x 4.0 x 1.4    |
| Sensor Surface [mm] | 3.0         | 1.4                |

## Measurement Results

|                  | Area Scan  | Zoom Scan  |
|------------------|------------|------------|
| Date             | 2026-06-06 | 2026-06-06 |
| psSAR1g [W/kg]   | 3.83       | 4.05       |
| psSAR10g [W/kg]  | 1.06       | 1.15       |
| Power Drift [dB] | 0.03       | -0.01      |



## Plots of System Verification

### Measurement Report

S12 System Check\_H2450\_260604

### Device under Test Properties

| Model, Manufacturer | Dimensions [mm]     | IMEI | DUT Type |
|---------------------|---------------------|------|----------|
| D2450V2,            | 10.0 x 10.0 x 290.0 |      |          |

### Exposure Conditions

| Phantom Section, TSL | Position, Test Distance [mm] | Band | Group, UID | Frequency [MHz], Channel Number | Conversion Factor | TSL Conductivity [S/m] | TSL Permittivity |
|----------------------|------------------------------|------|------------|---------------------------------|-------------------|------------------------|------------------|
| Flat,                | ,                            |      | CW, 0--    | 2450.000, 0                     | 7.09              | 1.80                   | 38.9             |

### Hardware Setup

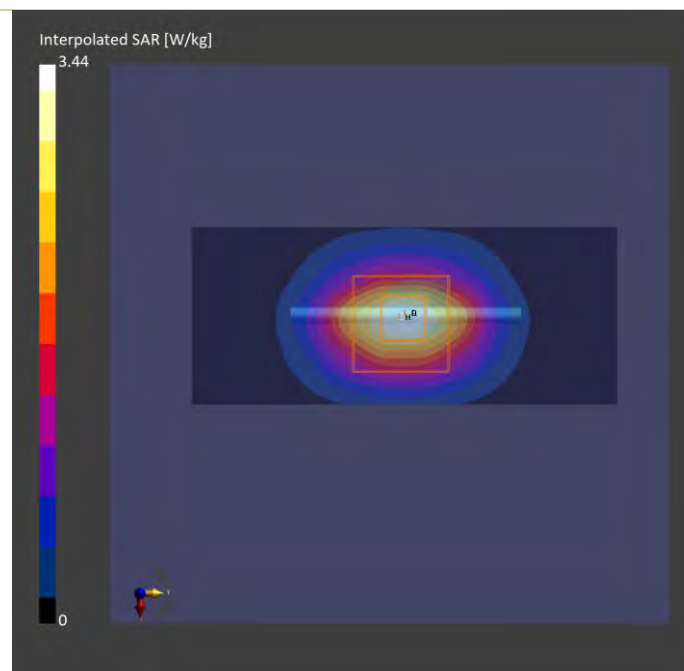
| Phantom                            | TSL, Measured Date    | Probe, Calibration Date     | DAE, Calibration Date   |
|------------------------------------|-----------------------|-----------------------------|-------------------------|
| ELI V8.0 (20deg probe tilt) - 2188 | H19T27N9 , 2026-06-04 | EX3DV4 - SN3650, 2026-01-26 | DAE4 Sn1341, 2026-03-11 |

### Scan Setup

|                     | Area Scan   | Zoom Scan          |
|---------------------|-------------|--------------------|
| Grid Extents [mm]   | 48.0 x 96.0 | 35.0 x 35.0 x 30.0 |
| Grid Steps [mm]     | 12.0 x 12.0 | 5.0 x 5.0 x 1.5    |
| Sensor Surface [mm] | 3.0         | 1.4                |

### Measurement Results

|                  | Area Scan  | Zoom Scan  |
|------------------|------------|------------|
| Date             | 2026-06-04 | 2026-06-04 |
| psSAR1g [W/kg]   | 2.61       | 2.65       |
| psSAR10g [W/kg]  | 1.18       | 1.22       |
| Power Drift [dB] | -0.09      | 0.06       |



## Plots of System Verification

### Measurement Report

S14 System Check\_H6500\_260606

### Device under Test Properties

| Model, Manufacturer | Dimensions [mm]     | IMEI | DUT Type |
|---------------------|---------------------|------|----------|
| D6.5GHzV2,          | 10.0 x 10.0 x 296.0 |      |          |

### Exposure Conditions

| Phantom Section, TSL | Position, Test Distance [mm] | Band | Group, UID | Frequency [MHz], Channel Number | Conversion Factor | TSL Conductivity [S/m] | TSL Permittivity |
|----------------------|------------------------------|------|------------|---------------------------------|-------------------|------------------------|------------------|
| Flat,                | ,                            |      | CW, 0--    | 6500.000, 0                     | 5.55              | 5.80                   | 34.8             |

### Hardware Setup

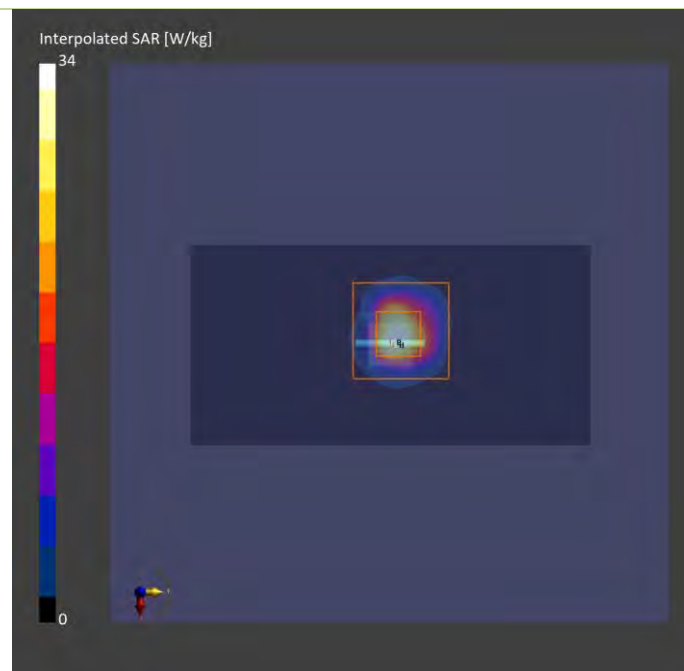
| Phantom                            | TSL, Measured Date    | Probe, Calibration Date     | DAE, Calibration Date   |
|------------------------------------|-----------------------|-----------------------------|-------------------------|
| ELI V8.0 (20deg probe tilt) - 2188 | H60T72N9 , 2026-06-06 | EX3DV4 - SN3650, 2026-01-26 | DAE4 Sn1341, 2026-03-11 |

### Scan Setup

|                     | Area Scan   | Zoom Scan          |
|---------------------|-------------|--------------------|
| Grid Extents [mm]   | 45.0 x 90.0 | 22.0 x 22.0 x 22.0 |
| Grid Steps [mm]     | 7.5 x 7.5   | 3.4 x 3.4 x 1.4    |
| Sensor Surface [mm] | 3.0         | 1.4                |

### Measurement Results

|                           | Area Scan  | Zoom Scan  |
|---------------------------|------------|------------|
| Date                      | 2026-06-06 | 2026-06-06 |
| psSAR1g [W/kg]            | 23.6       | 28.3       |
| psSAR10g [W/kg]           | 4.96       | 5.38       |
| psAPD (1.0cm2, sq) [W/m2] |            | 285        |
| psAPD (4.0cm2, sq) [W/m2] |            | 132        |
| Power Drift [dB]          | 0.07       | -0.01      |



### Appendix B. Plots of Measurement

The SAR plots for highest measured SAR in each exposure configuration, wireless mode and frequency band combination are shown as follows.

## Plots of Measurement

### Measurement Report

P01 WLAN2.4G\_802.11b\_Bottom of Laptop\_0mm\_Ch13\_AntennaVendor 1\_Ant 1

### Device under Test Properties

| Model, Manufacturer | Dimensions [mm]      | IMEI | DUT Type |
|---------------------|----------------------|------|----------|
| P26050570,          | 352.0 x 252.0 x 12.0 |      | Laptop   |

### Exposure Conditions

| Phantom Section, TSL | Position, Test Distance [mm] | Band           | Group, UID         | Frequency [MHz], Channel Number | Conversion Factor | TSL Conductivity [S/m] | TSL Permittivity |
|----------------------|------------------------------|----------------|--------------------|---------------------------------|-------------------|------------------------|------------------|
| Flat,                | Bottom of Laptop,<br>0.00    | WLAN<br>2.4GHz | WLAN,<br>10012-CAB | 2472.000,<br>13                 | 7.09              | 1.82                   | 38.9             |

### Hardware Setup

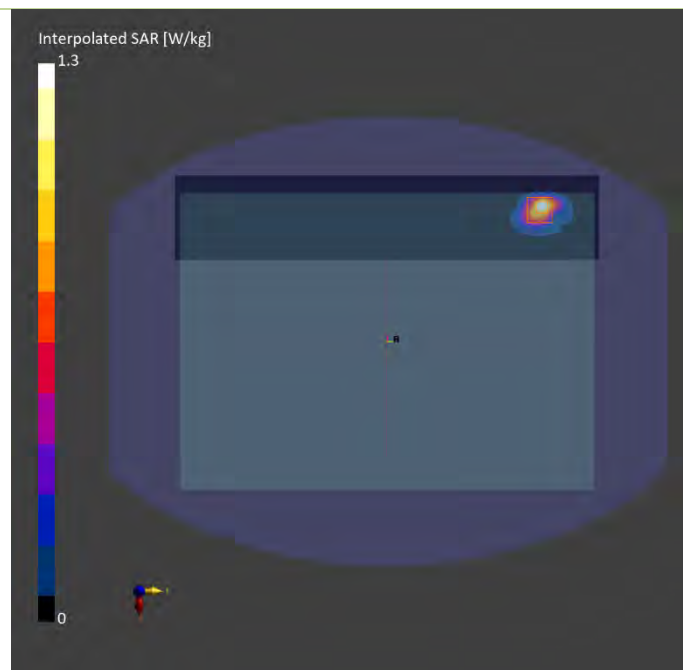
| Phantom                            | TSL, Measured Date    | Probe, Calibration Date     | DAE, Calibration Date   |
|------------------------------------|-----------------------|-----------------------------|-------------------------|
| ELI V8.0 (20deg probe tilt) - 2188 | H19T27N9 , 2026-06-04 | EX3DV4 - SN3650, 2026-01-26 | DAE4 Sn1341, 2026-03-11 |

### Scan Setup

|                     | Area Scan    | Zoom Scan          |
|---------------------|--------------|--------------------|
| Grid Extents [mm]   | 60.0 x 360.0 | 30.0 x 30.0 x 30.0 |
| Grid Steps [mm]     | 12.0 x 12.0  | 5.0 x 5.0 x 5.0    |
| Sensor Surface [mm] | 3.0          | 1.4                |

### Measurement Results

|                    | Area Scan  | Zoom Scan  |
|--------------------|------------|------------|
| Date               | 2026-06-04 | 2026-06-04 |
| psSAR1g [W/kg]     | 0.950      | 1.06       |
| psSAR10g [W/kg]    | 0.411      | 0.435      |
| Power Drift [dB]   | -0.01      | -0.06      |
| M2/M1 [%]          |            | 43.2       |
| Dist 3dB Peak [mm] |            | 5.7        |



## Plots of Measurement

### Measurement Report

P02 WLAN5.3G\_802.11ac VHT160\_Bottom of Laptop\_0mm\_Ch50\_AntennaVendor 1\_Ant 2

### Device under Test Properties

| Model, Manufacturer | Dimensions [mm]      | IMEI | DUT Type |
|---------------------|----------------------|------|----------|
| P26050570,          | 352.0 x 252.0 x 12.0 |      | Laptop   |

### Exposure Conditions

| Phantom Section, TSL | Position, Test Distance [mm] | Band      | Group, UID      | Frequency [MHz], Channel Number | Conversion Factor | TSL Conductivity [S/m] | TSL Permittivity |
|----------------------|------------------------------|-----------|-----------------|---------------------------------|-------------------|------------------------|------------------|
| Flat,                | Bottom of Laptop, 0.00       | WLAN 5GHz | WLAN, 10554-AAE | 5250.000, 50                    | 5.57              | 4.49                   | 34.8             |

### Hardware Setup

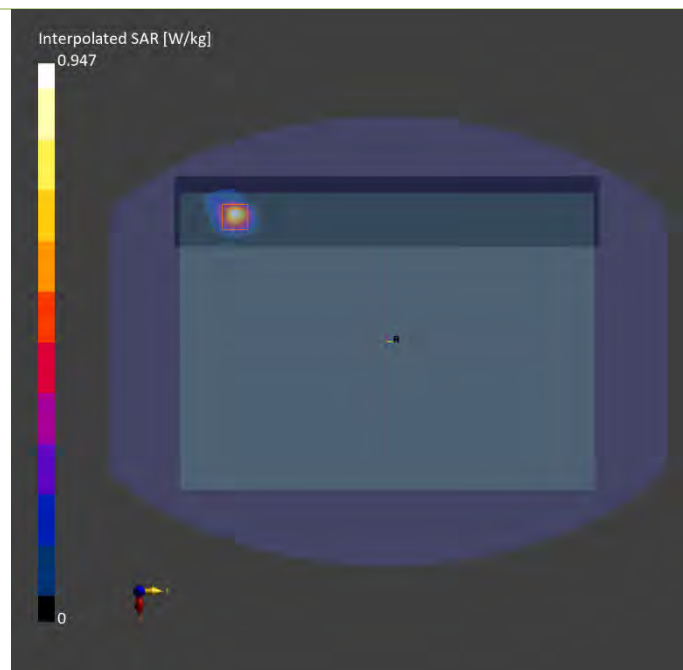
| Phantom                            | TSL, Measured Date    | Probe, Calibration Date     | DAE, Calibration Date   |
|------------------------------------|-----------------------|-----------------------------|-------------------------|
| ELI V8.0 (20deg probe tilt) - 2188 | H50T60N9 , 2026-06-05 | EX3DV4 - SN3650, 2026-01-26 | DAE4 Sn1341, 2026-03-11 |

### Scan Setup

|                     | Area Scan    | Zoom Scan          |
|---------------------|--------------|--------------------|
| Grid Extents [mm]   | 60.0 x 360.0 | 24.0 x 24.0 x 22.0 |
| Grid Steps [mm]     | 10.0 x 10.0  | 4.0 x 4.0 x 1.4    |
| Sensor Surface [mm] | 3.0          | 1.4                |

### Measurement Results

|                    | Area Scan  | Zoom Scan  |
|--------------------|------------|------------|
| Date               | 2026-06-05 | 2026-06-05 |
| psSAR1g [W/kg]     | 0.638      | 0.816      |
| psSAR10g [W/kg]    | 0.209      | 0.247      |
| Power Drift [dB]   | 0.02       | -0.02      |
| M2/M1 [%]          |            | 67.1       |
| Dist 3dB Peak [mm] |            | 6.9        |



## Plots of Measurement

### Measurement Report

P03 WLAN5.6G\_802.11ac VHT160\_Bottom of Laptop\_0mm\_Ch114\_AntennaVendor 1\_Ant 1

### Device under Test Properties

| Model, Manufacturer | Dimensions [mm]      | IMEI | DUT Type |
|---------------------|----------------------|------|----------|
| P26050570,          | 352.0 x 252.0 x 12.0 |      | Laptop   |

### Exposure Conditions

| Phantom Section, TSL | Position, Test Distance [mm] | Band      | Group, UID      | Frequency [MHz], Channel Number | Conversion Factor | TSL Conductivity [S/m] | TSL Permittivity |
|----------------------|------------------------------|-----------|-----------------|---------------------------------|-------------------|------------------------|------------------|
| Flat,                | Bottom of Laptop, 0.00       | WLAN 5GHz | WLAN, 10554-AAE | 5570.000, 114                   | 5.11              | 4.84                   | 34.2             |

### Hardware Setup

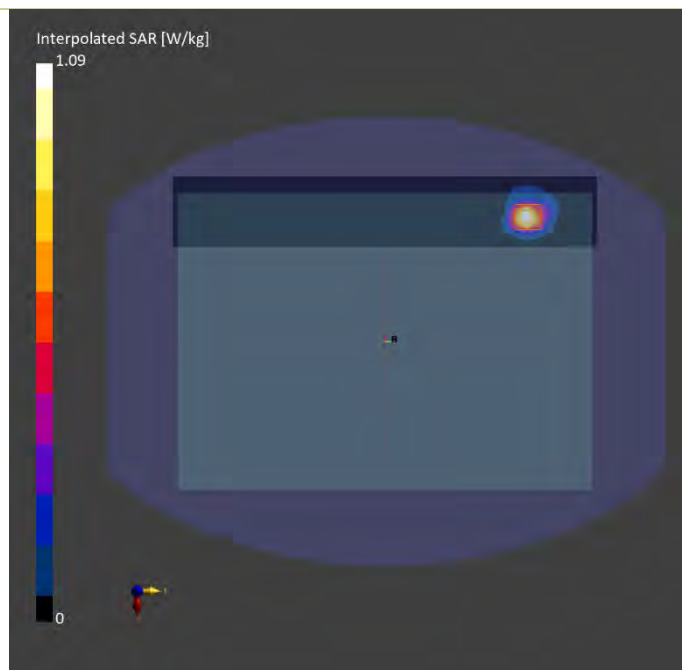
| Phantom                            | TSL, Measured Date    | Probe, Calibration Date     | DAE, Calibration Date   |
|------------------------------------|-----------------------|-----------------------------|-------------------------|
| ELI V8.0 (20deg probe tilt) - 2188 | H50T60N9 , 2026-06-05 | EX3DV4 - SN3650, 2026-01-26 | DAE4 Sn1341, 2026-03-11 |

### Scan Setup

|                     | Area Scan    | Zoom Scan          |
|---------------------|--------------|--------------------|
| Grid Extents [mm]   | 60.0 x 360.0 | 24.0 x 24.0 x 22.0 |
| Grid Steps [mm]     | 10.0 x 10.0  | 4.0 x 4.0 x 1.4    |
| Sensor Surface [mm] | 3.0          | 1.4                |

### Measurement Results

|                    | Area Scan  | Zoom Scan  |
|--------------------|------------|------------|
| Date               | 2026-06-05 | 2026-06-05 |
| psSAR1g [W/kg]     | 0.808      | 1.05       |
| psSAR10g [W/kg]    | 0.282      | 0.312      |
| Power Drift [dB]   | -0.09      | 0.03       |
| M2/M1 [%]          |            | 64.2       |
| Dist 3dB Peak [mm] |            | 6.4        |



## Plots of Measurement

### Measurement Report

P04 WLAN5.8G\_802.11ac VHT80\_Bottom of Laptop\_0mm\_Ch155\_AntennaVendor 1\_Ant 1

### Device under Test Properties

| Model, Manufacturer | Dimensions [mm]      | IMEI | DUT Type |
|---------------------|----------------------|------|----------|
| P26050570,          | 352.0 x 252.0 x 12.0 |      | Laptop   |

### Exposure Conditions

| Phantom Section, TSL | Position, Test Distance [mm] | Band      | Group, UID      | Frequency [MHz], Channel Number | Conversion Factor | TSL Conductivity [S/m] | TSL Permittivity |
|----------------------|------------------------------|-----------|-----------------|---------------------------------|-------------------|------------------------|------------------|
| Flat,                | Bottom of Laptop, 0.00       | WLAN 5GHz | WLAN, 10544-AAD | 5775.000, 155                   | 5.04              | 5.07                   | 33.9             |

### Hardware Setup

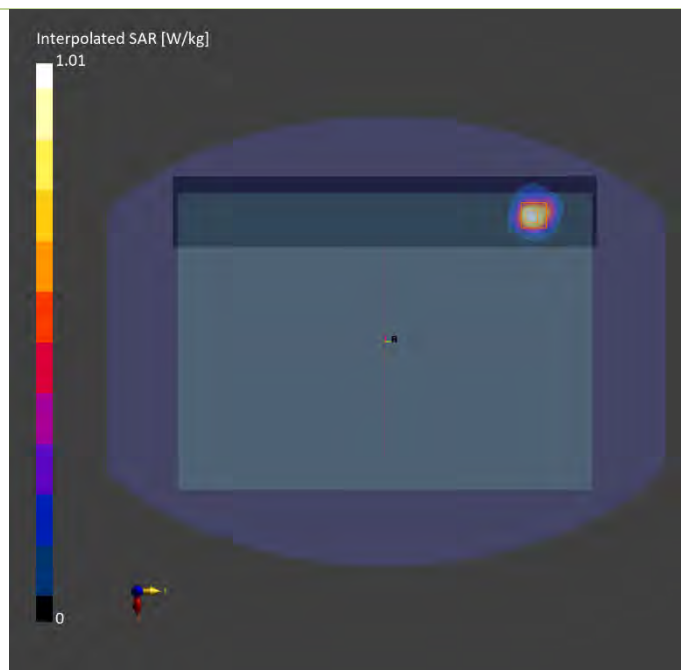
| Phantom                            | TSL, Measured Date    | Probe, Calibration Date     | DAE, Calibration Date   |
|------------------------------------|-----------------------|-----------------------------|-------------------------|
| ELI V8.0 (20deg probe tilt) - 2188 | H50T60N9 , 2026-06-05 | EX3DV4 - SN3650, 2026-01-26 | DAE4 Sn1341, 2026-03-11 |

### Scan Setup

|                     | Area Scan    | Zoom Scan          |
|---------------------|--------------|--------------------|
| Grid Extents [mm]   | 60.0 x 360.0 | 24.0 x 24.0 x 22.0 |
| Grid Steps [mm]     | 10.0 x 10.0  | 4.0 x 4.0 x 1.4    |
| Sensor Surface [mm] | 3.0          | 1.4                |

### Measurement Results

|                    | Area Scan  | Zoom Scan  |
|--------------------|------------|------------|
| Date               | 2026-06-05 | 2026-06-05 |
| psSAR1g [W/kg]     | 0.754      | 1.00       |
| psSAR10g [W/kg]    | 0.281      | 0.312      |
| Power Drift [dB]   | 0.11       | -0.07      |
| M2/M1 [%]          |            | 61.2       |
| Dist 3dB Peak [mm] |            | 6.9        |



## Plots of Measurement

### Measurement Report

P05 WLAN5.9G\_802.11ac VHT160\_Bottom of Laptop\_0mm\_Ch163\_AntennaVendor 1\_Ant 1

### Device under Test Properties

| Model, Manufacturer | Dimensions [mm]      | IMEI | DUT Type |
|---------------------|----------------------|------|----------|
| P26050570,          | 352.0 x 252.0 x 12.0 |      | Laptop   |

### Exposure Conditions

| Phantom Section, TSL | Position, Test Distance [mm] | Band      | Group, UID      | Frequency [MHz], Channel Number | Conversion Factor | TSL Conductivity [S/m] | TSL Permittivity |
|----------------------|------------------------------|-----------|-----------------|---------------------------------|-------------------|------------------------|------------------|
| Flat,                | Bottom of Laptop, 0.00       | WLAN 5GHz | WLAN, 10554-AAE | 5815.000, 163                   | 5.04              | 5.24                   | 36.3             |

### Hardware Setup

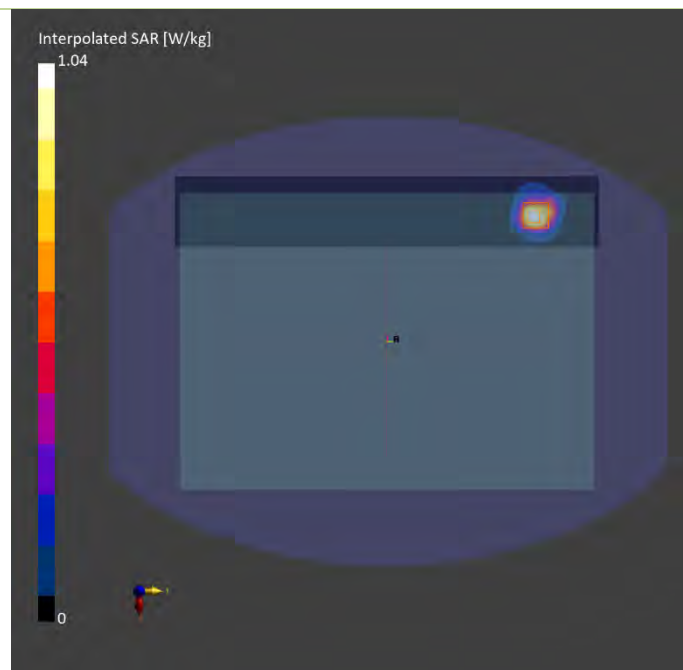
| Phantom                            | TSL, Measured Date    | Probe, Calibration Date     | DAE, Calibration Date   |
|------------------------------------|-----------------------|-----------------------------|-------------------------|
| ELI V8.0 (20deg probe tilt) - 2188 | H50T60N9 , 2026-06-06 | EX3DV4 - SN3650, 2026-01-26 | DAE4 Sn1341, 2026-03-11 |

### Scan Setup

|                     | Area Scan    | Zoom Scan          |
|---------------------|--------------|--------------------|
| Grid Extents [mm]   | 60.0 x 360.0 | 24.0 x 24.0 x 22.0 |
| Grid Steps [mm]     | 10.0 x 10.0  | 4.0 x 4.0 x 1.4    |
| Sensor Surface [mm] | 3.0          | 1.4                |

### Measurement Results

|                    | Area Scan  | Zoom Scan  |
|--------------------|------------|------------|
| Date               | 2026-06-06 | 2026-06-06 |
| psSAR1g [W/kg]     | 0.779      | 1.06       |
| psSAR10g [W/kg]    | 0.294      | 0.336      |
| Power Drift [dB]   | 0.12       | -0.04      |
| M2/M1 [%]          |            | 60.5       |
| Dist 3dB Peak [mm] |            | 6.9        |



## Plots of Measurement

### Measurement Report

#### P06 BT BDR\_Bottom of Laptop\_0mm\_Ch0\_Antenna Vendor 1\_Ant 2

#### Device under Test Properties

| Model, Manufacturer | Dimensions [mm]      | IMEI | DUT Type |
|---------------------|----------------------|------|----------|
| P26050570,          | 352.0 x 252.0 x 12.0 |      | Laptop   |

#### Exposure Conditions

| Phantom Section, TSL | Position, Test Distance [mm] | Band             | Group, UID           | Frequency [MHz], Channel Number | Conversion Factor | TSL Conductivity [S/m] | TSL Permittivity |
|----------------------|------------------------------|------------------|----------------------|---------------------------------|-------------------|------------------------|------------------|
| Flat,                | Bottom of Laptop, 0.00       | ISM 2.4 GHz Band | Bluetooth, 10032-CAA | 2402.000, 0                     | 7.09              | 1.77                   | 39.0             |

#### Hardware Setup

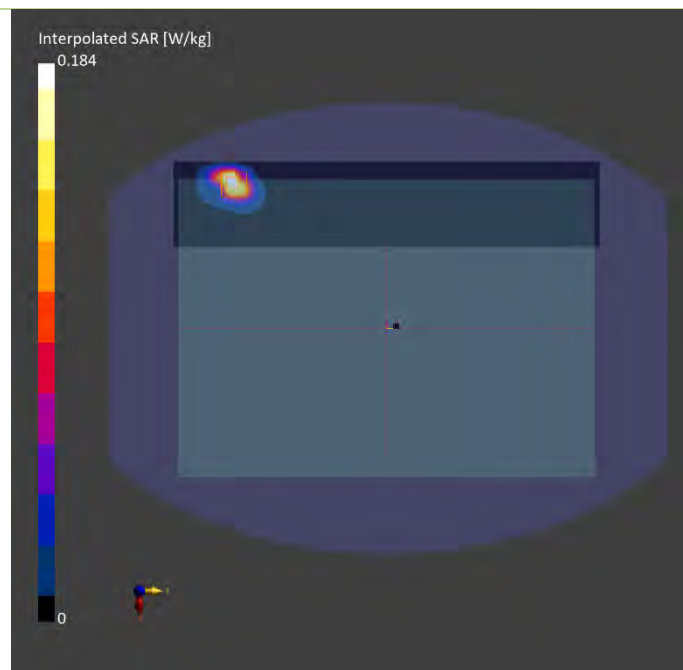
| Phantom                            | TSL, Measured Date    | Probe, Calibration Date     | DAE, Calibration Date   |
|------------------------------------|-----------------------|-----------------------------|-------------------------|
| ELI V8.0 (20deg probe tilt) - 2188 | H19T27N9 , 2026-06-04 | EX3DV4 - SN3650, 2026-01-26 | DAE4 Sn1341, 2026-03-11 |

#### Scan Setup

|                     | Area Scan    | Zoom Scan          |
|---------------------|--------------|--------------------|
| Grid Extents [mm]   | 72.0 x 360.0 | 30.0 x 30.0 x 30.0 |
| Grid Steps [mm]     | 12.0 x 12.0  | 5.0 x 5.0 x 5.0    |
| Sensor Surface [mm] | 3.0          | 1.4                |

#### Measurement Results

|                    | Area Scan  | Zoom Scan  |
|--------------------|------------|------------|
| Date               | 2026-06-04 | 2026-06-04 |
| psSAR1g [W/kg]     | 0.142      | 0.168      |
| psSAR10g [W/kg]    | 0.067      | 0.071      |
| Power Drift [dB]   | -0.12      | -0.01      |
| M2/M1 [%]          |            | 43.8       |
| Dist 3dB Peak [mm] |            | 5.9        |



## Plots of Measurement

### Measurement Report

P13 UNII-5\_802.11ax HE160\_Bottom of Laptop\_0mm\_Ch47\_Antenna Vendor 1\_Ant 2

### Device under Test Properties

| Model, Manufacturer | Dimensions [mm]      | IMEI | DUT Type |
|---------------------|----------------------|------|----------|
| P26050570,          | 352.0 x 252.0 x 12.0 |      | Laptop   |

### Exposure Conditions

| Phantom Section, TSL | Position, Test Distance [mm] | Band    | Group, UID      | Frequency [MHz], Channel Number | Conversion Factor | TSL Conductivity [S/m] | TSL Permittivity |
|----------------------|------------------------------|---------|-----------------|---------------------------------|-------------------|------------------------|------------------|
| Flat,                | Bottom of Laptop, 0.00       | U-NII-5 | WLAN, 10755-AAC | 6185.000, 47                    | 5.25              | 5.57                   | 36.1             |

### Hardware Setup

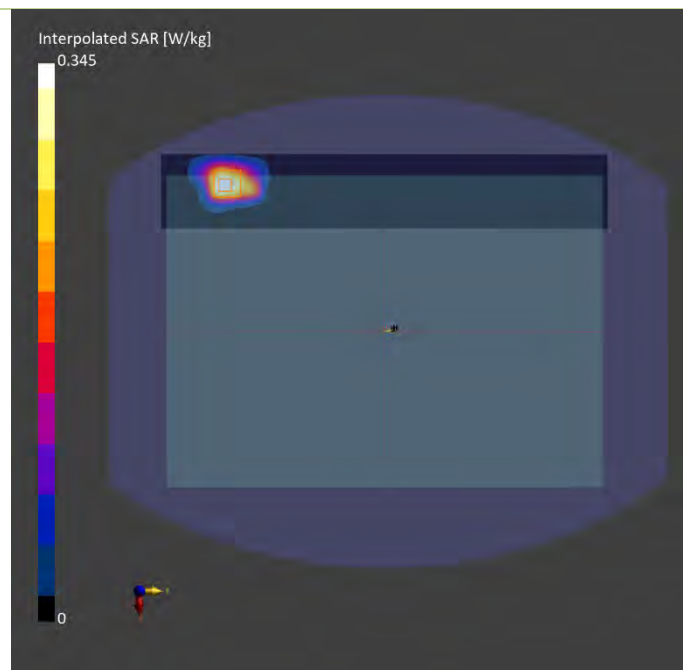
| Phantom                            | TSL, Measured Date    | Probe, Calibration Date     | DAE, Calibration Date   |
|------------------------------------|-----------------------|-----------------------------|-------------------------|
| ELI V8.0 (20deg probe tilt) - 2118 | H60T72N5 , 2026-06-14 | EX3DV4 - SN7696, 2025-09-11 | DAE4 Sn1590, 2025-08-13 |

### Scan Setup

|                     | Area Scan    | Zoom Scan          |
|---------------------|--------------|--------------------|
| Grid Extents [mm]   | 60.0 x 360.0 | 22.0 x 22.0 x 22.0 |
| Grid Steps [mm]     | 7.5 x 7.5    | 3.4 x 3.4 x 1.4    |
| Sensor Surface [mm] | 3.0          | 1.4                |

### Measurement Results

|                           | Area Scan  | Zoom Scan  |
|---------------------------|------------|------------|
| Date                      | 2026-06-14 | 2026-06-14 |
| psSAR1g [W/kg]            | 0.275      | 0.366      |
| psSAR10g [W/kg]           | 0.110      | 0.117      |
| psAPD (1.0cm2, sq) [W/m2] |            | 3.66       |
| psAPD (4.0cm2, sq) [W/m2] |            | 2.72       |
| Power Drift [dB]          | -0.02      | -0.05      |
| M2/M1 [%]                 |            | 58.7       |
| Dist 3dB Peak [mm]        |            | 5.0        |



# Plots of Measurement

## Measurement Report

P13 PD\_UNII-5\_802.11ax HE160\_Bottom of Laptop\_0mm\_Ch47\_AntennaVendor 1\_Ant 2

Device under Test Properties

| Model, Manufacturer | Dimensions [mm]      | IMEI | DUT Type |
|---------------------|----------------------|------|----------|
| , P26050570         | 352.0 x 252.0 x 12.0 |      | Laptop   |

## Exposure Conditions

| Phantom Section | Position, Test Distance [mm] | Band    | Group, UID      | Frequency [MHz], Channel Number | Conversion Factor |
|-----------------|------------------------------|---------|-----------------|---------------------------------|-------------------|
| 5G Air          | Bottom of Laptop, 2.00       | U-NII-5 | WLAN, 10755-AAC | 6185.0, 47                      | 1.0               |

## Hardware Setup

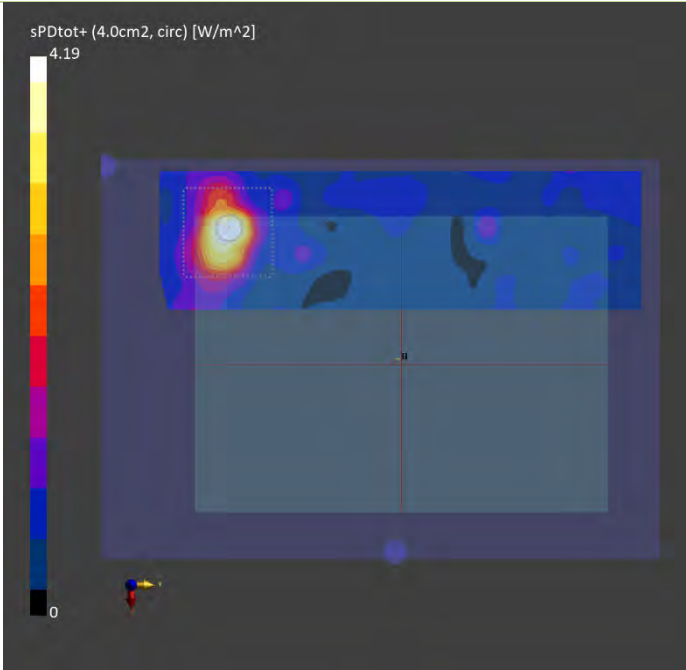
| Phantom      | Medium | Probe, Calibration Date               | DAE, Calibration Date   |
|--------------|--------|---------------------------------------|-------------------------|
| mmWave- 1035 | ---Air | EUmmWV4 - SN9438_F1-55GHz, 2026-03-12 | DAE4 Sn1762, 2025-10-20 |

## Scan Setup

|                     | 5G Scan         |
|---------------------|-----------------|
| Grid Extents [mm]   | 97.0 x 97.0     |
| Grid Steps [lambda] | 0.0515 x 0.0515 |
| Sensor Surface [mm] | 2.0             |

## Measurement Results

|                              | 5G Scan    |
|------------------------------|------------|
| Date                         | 2026-06-11 |
| Avg. Area [cm <sup>2</sup> ] | 4.00       |
| psPDn+ [W/m <sup>2</sup> ]   | 2.59       |
| psPDtot+ [W/m <sup>2</sup> ] | 4.19       |
| psPDmod+ [W/m <sup>2</sup> ] | 4.61       |
| E <sub>max</sub> [V/m]       | 49.2       |
| Power Drift [dB]             | -0.02      |



## Plots of Measurement

### Measurement Report

P07 WLAN2.4G\_802.11b\_Top Side of the Keyboard\_0mm\_Ch6\_AntennaVendor 1\_Ant 1+2

### Device under Test Properties

| Model, Manufacturer | Dimensions [mm]      | IMEI | DUT Type |
|---------------------|----------------------|------|----------|
| P26050570,          | 352.0 x 252.0 x 12.0 |      | Laptop   |

### Exposure Conditions

| Phantom Section, TSL | Position, Test Distance [mm]   | Band        | Group, UID      | Frequency [MHz], Channel Number | Conversion Factor | TSL Conductivity [S/m] | TSL Permittivity |
|----------------------|--------------------------------|-------------|-----------------|---------------------------------|-------------------|------------------------|------------------|
| Flat,                | Top Side of the Keyboard, 0.00 | WLAN 2.4GHz | WLAN, 10012-CAB | 2437.000, 6                     | 7.09              | 1.79                   | 38.9             |

### Hardware Setup

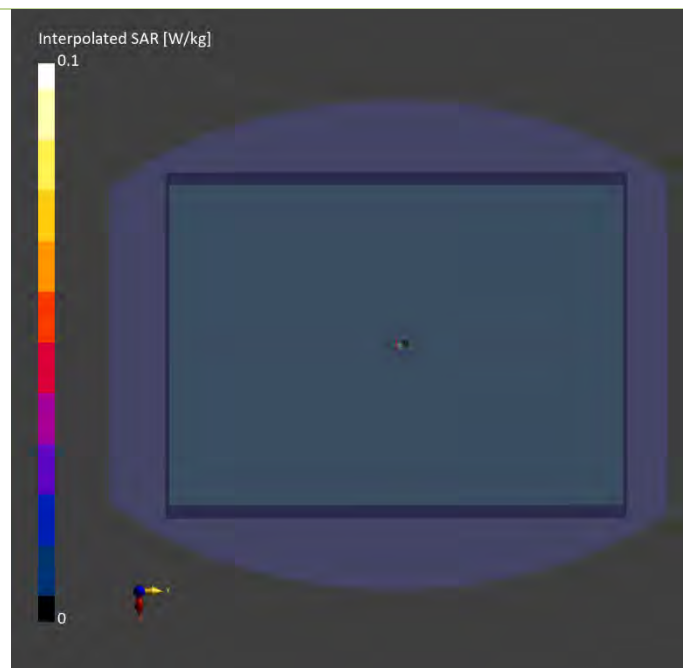
| Phantom                            | TSL, Measured Date    | Probe, Calibration Date     | DAE, Calibration Date   |
|------------------------------------|-----------------------|-----------------------------|-------------------------|
| ELI V8.0 (20deg probe tilt) - 2188 | H19T27N9 , 2026-06-04 | EX3DV4 - SN3650, 2026-01-26 | DAE4 Sn1341, 2026-03-11 |

### Scan Setup

|                     | Area Scan     | Zoom Scan |
|---------------------|---------------|-----------|
| Grid Extents [mm]   | 276.0 x 360.0 |           |
| Grid Steps [mm]     | 12.0 x 12.0   |           |
| Sensor Surface [mm] | 3.0           |           |

### Measurement Results

|                    | Area Scan  | Zoom Scan |
|--------------------|------------|-----------|
| Date               | 2026-06-04 |           |
| psSAR1g [W/kg]     | 0          |           |
| psSAR10g [W/kg]    | 0          |           |
| Power Drift [dB]   | 0          |           |
| M2/M1 [%]          |            |           |
| Dist 3dB Peak [mm] |            |           |



## Plots of Measurement

### Measurement Report

P08 WLAN5.3G\_802.11ac VHT160\_Top Side of the Keyboard\_0mm\_Ch50\_AntennaVendor 1\_Ant 1+2

### Device under Test Properties

| Model, Manufacturer | Dimensions [mm]      | IMEI | DUT Type |
|---------------------|----------------------|------|----------|
| P26050570,          | 352.0 x 252.0 x 12.0 |      | Laptop   |

### Exposure Conditions

| Phantom Section, TSL | Position, Test Distance [mm]   | Band      | Group, UID      | Frequency [MHz], Channel Number | Conversion Factor | TSL Conductivity [S/m] | TSL Permittivity |
|----------------------|--------------------------------|-----------|-----------------|---------------------------------|-------------------|------------------------|------------------|
| Flat,                | Top Side of the Keyboard, 0.00 | WLAN 5GHz | WLAN, 10554-AAE | 5250.000, 50                    | 5.57              | 4.49                   | 34.8             |

### Hardware Setup

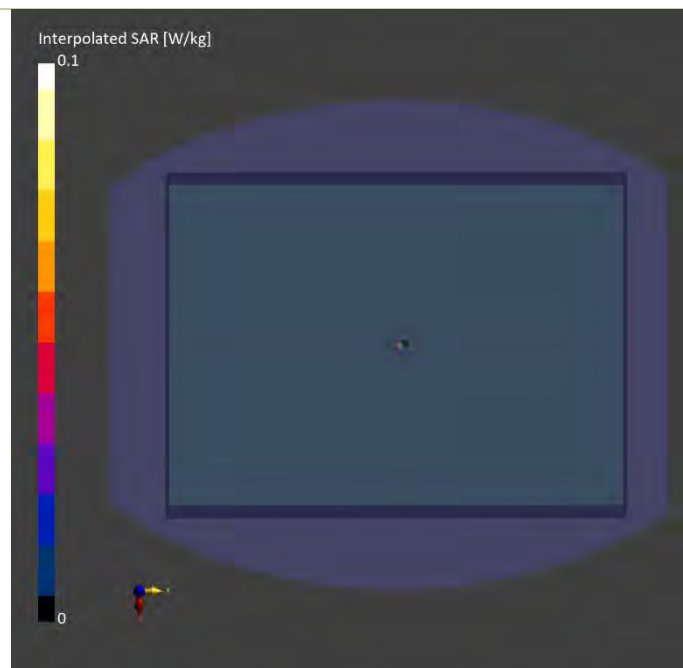
| Phantom                            | TSL, Measured Date    | Probe, Calibration Date     | DAE, Calibration Date   |
|------------------------------------|-----------------------|-----------------------------|-------------------------|
| ELI V8.0 (20deg probe tilt) - 2188 | H50T60N9 , 2026-06-05 | EX3DV4 - SN3650, 2026-01-26 | DAE4 Sn1341, 2026-03-11 |

### Scan Setup

|                     | Area Scan     | Zoom Scan |
|---------------------|---------------|-----------|
| Grid Extents [mm]   | 270.0 x 360.0 |           |
| Grid Steps [mm]     | 10.0 x 10.0   |           |
| Sensor Surface [mm] | 3.0           |           |

### Measurement Results

|                    | Area Scan  | Zoom Scan |
|--------------------|------------|-----------|
| Date               | 2026-06-05 |           |
| psSAR1g [W/kg]     | 0          |           |
| psSAR10g [W/kg]    | 0          |           |
| Power Drift [dB]   | 0          |           |
| M2/M1 [%]          |            |           |
| Dist 3dB Peak [mm] |            |           |



## Plots of Measurement

### Measurement Report

P09 WLAN5.6G\_802.11ac VHT160\_Top Side of the Keyboard\_0mm\_Ch114\_AntennaVendor 1\_Ant 1+2

### Device under Test Properties

| Model, Manufacturer | Dimensions [mm]      | IMEI | DUT Type |
|---------------------|----------------------|------|----------|
| P26050570,          | 352.0 x 252.0 x 12.0 |      | Laptop   |

### Exposure Conditions

| Phantom Section, TSL | Position, Test Distance [mm]   | Band      | Group, UID      | Frequency [MHz], Channel Number | Conversion Factor | TSL Conductivity [S/m] | TSL Permittivity |
|----------------------|--------------------------------|-----------|-----------------|---------------------------------|-------------------|------------------------|------------------|
| Flat,                | Top Side of the Keyboard, 0.00 | WLAN 5GHz | WLAN, 10554-AAE | 5570.000, 114                   | 5.11              | 4.84                   | 34.2             |

### Hardware Setup

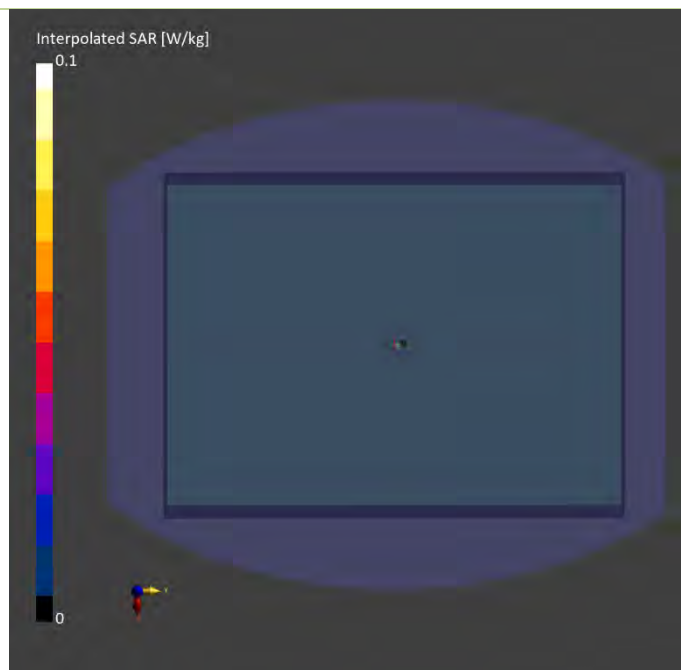
| Phantom                            | TSL, Measured Date    | Probe, Calibration Date     | DAE, Calibration Date   |
|------------------------------------|-----------------------|-----------------------------|-------------------------|
| ELI V8.0 (20deg probe tilt) - 2188 | H50T60N9 , 2026-06-05 | EX3DV4 - SN3650, 2026-01-26 | DAE4 Sn1341, 2026-03-11 |

### Scan Setup

|                     | Area Scan     | Zoom Scan |
|---------------------|---------------|-----------|
| Grid Extents [mm]   | 270.0 x 360.0 |           |
| Grid Steps [mm]     | 10.0 x 10.0   |           |
| Sensor Surface [mm] | 3.0           |           |

### Measurement Results

|                    | Area Scan  | Zoom Scan |
|--------------------|------------|-----------|
| Date               | 2026-06-05 |           |
| psSAR1g [W/kg]     | 0          |           |
| psSAR10g [W/kg]    | 0          |           |
| Power Drift [dB]   | 0          |           |
| M2/M1 [%]          |            |           |
| Dist 3dB Peak [mm] |            |           |



## Plots of Measurement

### Measurement Report

P10 WLAN5.8G\_802.11ac VHT80\_Top Side of the Keyboard\_0mm\_Ch155\_AntennaVendor 1\_Ant 1+2

### Device under Test Properties

| Model, Manufacturer | Dimensions [mm]      | IMEI | DUT Type |
|---------------------|----------------------|------|----------|
| P26050570,          | 352.0 x 252.0 x 12.0 |      | Laptop   |

### Exposure Conditions

| Phantom Section, TSL | Position, Test Distance [mm]   | Band      | Group, UID      | Frequency [MHz], Channel Number | Conversion Factor | TSL Conductivity [S/m] | TSL Permittivity |
|----------------------|--------------------------------|-----------|-----------------|---------------------------------|-------------------|------------------------|------------------|
| Flat,                | Top Side of the Keyboard, 0.00 | WLAN 5GHz | WLAN, 10544-AAD | 5775.000, 155                   | 5.04              | 5.07                   | 33.9             |

### Hardware Setup

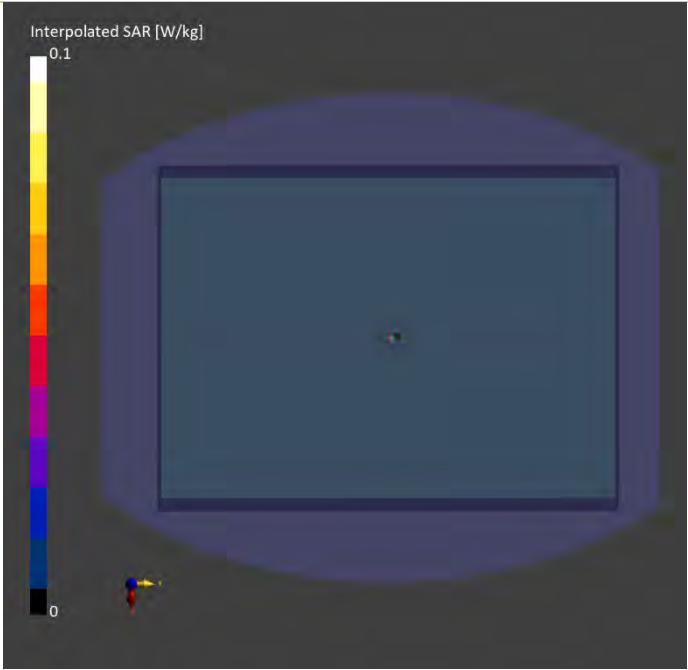
| Phantom                            | TSL, Measured Date    | Probe, Calibration Date     | DAE, Calibration Date   |
|------------------------------------|-----------------------|-----------------------------|-------------------------|
| ELI V8.0 (20deg probe tilt) - 2188 | H50T60N9 , 2026-06-05 | EX3DV4 - SN3650, 2026-01-26 | DAE4 Sn1341, 2026-03-11 |

### Scan Setup

|                     | Area Scan     | Zoom Scan          |
|---------------------|---------------|--------------------|
| Grid Extents [mm]   | 270.0 x 360.0 | 24.0 x 24.0 x 22.0 |
| Grid Steps [mm]     | 10.0 x 10.0   | 4.0 x 4.0 x 1.4    |
| Sensor Surface [mm] | 3.0           | 1.4                |

### Measurement Results

|                    | Area Scan  | Zoom Scan |
|--------------------|------------|-----------|
| Date               | 2026-06-05 |           |
| psSAR1g [W/kg]     | 0          |           |
| psSAR10g [W/kg]    | 0          |           |
| Power Drift [dB]   | 0          |           |
| M2/M1 [%]          |            |           |
| Dist 3dB Peak [mm] |            |           |



## Plots of Measurement

### Measurement Report

P11 WLAN5.9G\_802.11ac VHT160\_Top Side of the Keyboard\_0mm\_Ch163\_AntennaVendor 1\_Ant 1+2

### Device under Test Properties

| Model, Manufacturer | Dimensions [mm]      | IMEI | DUT Type |
|---------------------|----------------------|------|----------|
| P26050570,          | 352.0 x 252.0 x 12.0 |      | Laptop   |

### Exposure Conditions

| Phantom Section, TSL | Position, Test Distance [mm]   | Band    | Group, UID      | Frequency [MHz], Channel Number | Conversion Factor | TSL Conductivity [S/m] | TSL Permittivity |
|----------------------|--------------------------------|---------|-----------------|---------------------------------|-------------------|------------------------|------------------|
| Flat,                | Top Side of the Keyboard, 0.00 | U-NII-4 | WLAN, 10554-AAE | 5815.000, 163                   | 5.04              | 5.24                   | 36.3             |

### Hardware Setup

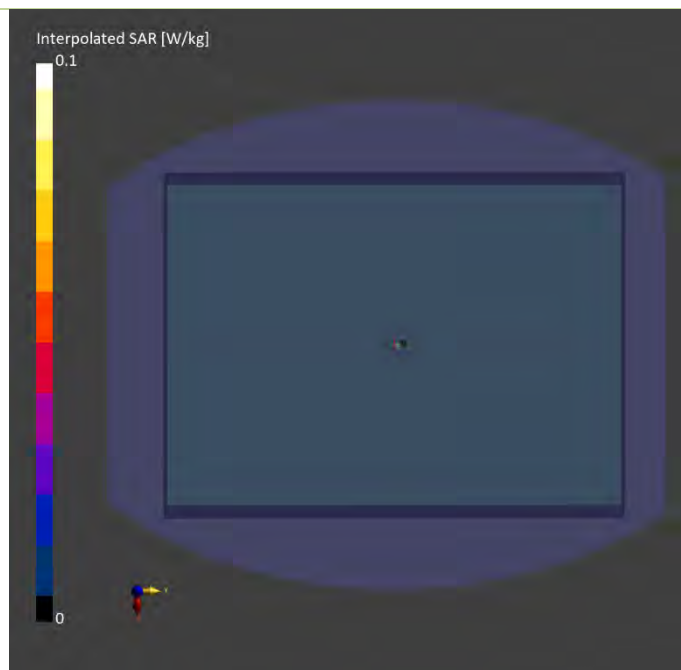
| Phantom                            | TSL, Measured Date    | Probe, Calibration Date     | DAE, Calibration Date   |
|------------------------------------|-----------------------|-----------------------------|-------------------------|
| ELI V8.0 (20deg probe tilt) - 2188 | H50T60N9 , 2026-06-06 | EX3DV4 - SN3650, 2026-01-26 | DAE4 Sn1341, 2026-03-11 |

### Scan Setup

|                     | Area Scan     | Zoom Scan |
|---------------------|---------------|-----------|
| Grid Extents [mm]   | 270.0 x 360.0 |           |
| Grid Steps [mm]     | 10.0 x 10.0   |           |
| Sensor Surface [mm] | 3.0           |           |

### Measurement Results

|                    | Area Scan  | Zoom Scan |
|--------------------|------------|-----------|
| Date               | 2026-06-06 |           |
| psSAR1g [W/kg]     | 0          |           |
| psSAR10g [W/kg]    | 0          |           |
| Power Drift [dB]   | 0          |           |
| M2/M1 [%]          |            |           |
| Dist 3dB Peak [mm] |            |           |



# Plots of Measurement

## Measurement Report

### P12 BT\_BDR\_Top Side of the Keyboard\_0mm\_Ch0\_AntennaVendor 1\_Ant 2

#### Device under Test Properties

| Model, Manufacturer | Dimensions [mm]      | IMEI | DUT Type |
|---------------------|----------------------|------|----------|
| P26050570,          | 352.0 x 252.0 x 12.0 |      | Laptop   |

#### Exposure Conditions

| Phantom Section, TSL | Position, Test Distance [mm]   | Band             | Group, UID           | Frequency [MHz], Channel Number | Conversion Factor | TSL Conductivity [S/m] | TSL Permittivity |
|----------------------|--------------------------------|------------------|----------------------|---------------------------------|-------------------|------------------------|------------------|
| Flat,                | Top Side of the Keyboard, 0.00 | ISM 2.4 GHz Band | Bluetooth, 10032-CAA | 2402.000, 0                     | 7.09              | 1.77                   | 39.0             |

#### Hardware Setup

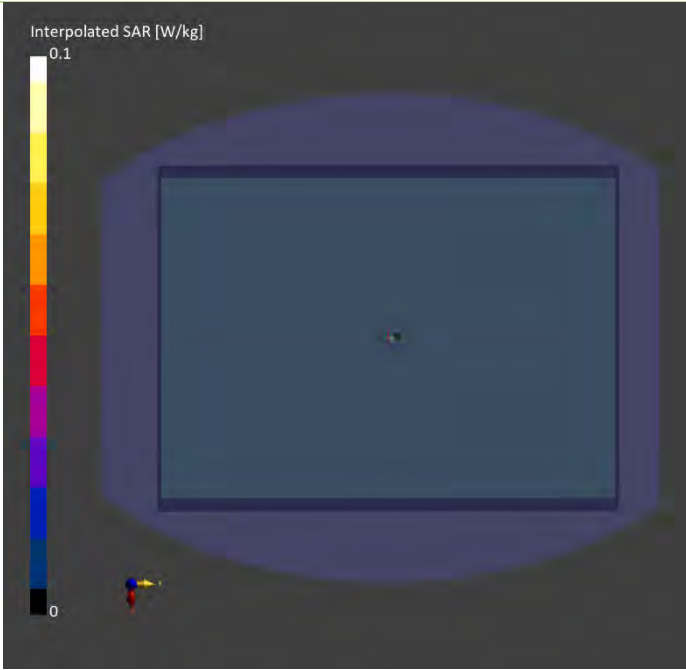
| Phantom                            | TSL, Measured Date    | Probe, Calibration Date     | DAE, Calibration Date   |
|------------------------------------|-----------------------|-----------------------------|-------------------------|
| ELI V8.0 (20deg probe tilt) - 2188 | H19T27N9 , 2026-06-04 | EX3DV4 - SN3650, 2026-01-26 | DAE4 Sn1341, 2026-03-11 |

#### Scan Setup

|                     | Area Scan     | Zoom Scan |
|---------------------|---------------|-----------|
| Grid Extents [mm]   | 276.0 x 360.0 |           |
| Grid Steps [mm]     | 12.0 x 12.0   |           |
| Sensor Surface [mm] | 3.0           |           |

#### Measurement Results

|                    | Area Scan  | Zoom Scan |
|--------------------|------------|-----------|
| Date               | 2026-06-04 |           |
| psSAR1g [W/kg]     | 0          |           |
| psSAR10g [W/kg]    | 0          |           |
| Power Drift [dB]   | 0          |           |
| M2/M1 [%]          |            |           |
| Dist 3dB Peak [mm] |            |           |



## Plots of Measurement

### Measurement Report

P14 UNII-5\_802.11ax HE160\_Top Side of the Keyboard\_0mm\_Ch47\_AntennaVendor 1\_Ant 1+2

#### Device under Test Properties

| Model, Manufacturer | Dimensions [mm]      | IMEI | DUT Type |
|---------------------|----------------------|------|----------|
| P26050570,          | 352.0 x 252.0 x 12.0 |      | Laptop   |

#### Exposure Conditions

| Phantom Section, TSL | Position, Test Distance [mm]   | Band    | Group, UID      | Frequency [MHz], Channel Number | Conversion Factor | TSL Conductivity [S/m] | TSL Permittivity |
|----------------------|--------------------------------|---------|-----------------|---------------------------------|-------------------|------------------------|------------------|
| Flat,                | Top Side of the Keyboard, 0.00 | U-NII-5 | WLAN, 10755-AAC | 6185.000, 47                    | 5.55              | 5.46                   | 35.3             |

#### Hardware Setup

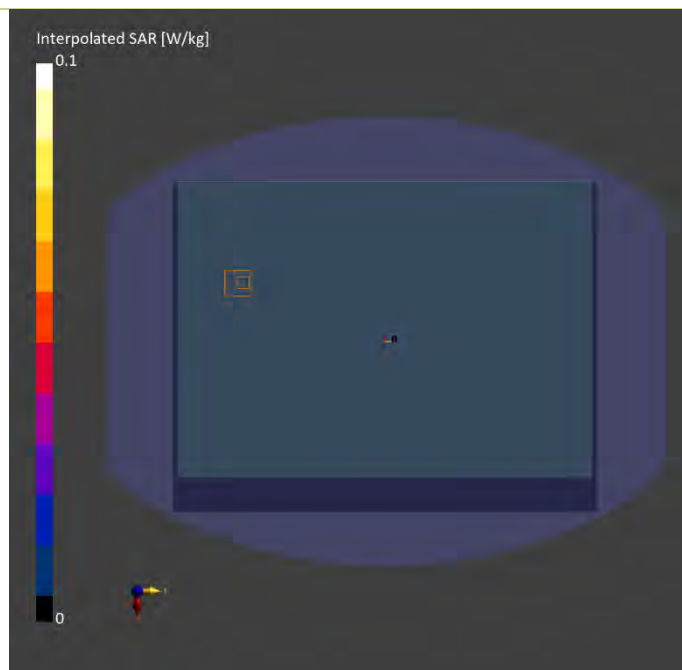
| Phantom                            | TSL, Measured Date    | Probe, Calibration Date     | DAE, Calibration Date   |
|------------------------------------|-----------------------|-----------------------------|-------------------------|
| ELI V8.0 (20deg probe tilt) - 2188 | H60T72N9 , 2026-06-06 | EX3DV4 - SN3650, 2026-01-26 | DAE4 Sn1341, 2026-03-11 |

#### Scan Setup

|                     | Area Scan    | Zoom Scan |
|---------------------|--------------|-----------|
| Grid Extents [mm]   | 75.0 x 360.0 |           |
| Grid Steps [mm]     | 7.5 x 7.5    |           |
| Sensor Surface [mm] | 3.0          |           |

#### Measurement Results

|                           | Area Scan  | Zoom Scan |
|---------------------------|------------|-----------|
| Date                      | 2026-06-06 |           |
| psSAR1g [W/kg]            | 0          |           |
| psSAR10g [W/kg]           | 0          |           |
| psAPD (1.0cm2, sq) [W/m2] | 0          |           |
| psAPD (4.0cm2, sq) [W/m2] | 0          |           |
| Power Drift [dB]          | 0          |           |



## Appendix C. Tissue & System Verification

The measuring results for tissue simulating liquid and system check are shown as below.

Note:

1. For Section 4.3, the dielectric properties of the tissue simulating liquid have been measured within 24 hours before the SAR testing and within  $\pm 10\%$  of the target values. Liquid temperature during the SAR testing has kept within  $\pm 2^\circ\text{C}$ .
2. For Section 4.4, The SAR measurement system was validated according to procedures in FCC KDB 865664 D0. The validation status in tabulated summary is as below.
3. For Section 4.5, Comparing to the reference SAR value provided by SPEAG in dipole calibration certificate, the deviation of system check results is within its specification of 10 %. The result indicates the system check can meet the variation criterion and the plots please refer to Appendix A of this report.

| Tissue Verification |                 |                   |                  |                                |                           |                                         |                            |                                          | Validation for CW |                 |                | Validation for Modulation |             |      |               | System Check    |                        |                        |                          |               | Note       |           |         |                    |
|---------------------|-----------------|-------------------|------------------|--------------------------------|---------------------------|-----------------------------------------|----------------------------|------------------------------------------|-------------------|-----------------|----------------|---------------------------|-------------|------|---------------|-----------------|------------------------|------------------------|--------------------------|---------------|------------|-----------|---------|--------------------|
| Plot No.            | Frequency (MHz) | Liquid Temp. (°C) | Conductivity (σ) | Permittivity (ε <sub>r</sub> ) | Targeted Conductivity (σ) | Targeted Permittivity (ε <sub>r</sub> ) | Deviation Conductivity (σ) | Deviation Permittivity (ε <sub>r</sub> ) | Sensitivity Range | Probe Linearity | Probe Isotropy | Modulation Type           | Duty Factor | PAR  | Date          | Frequency (MHz) | Targeted 1g SAR (W/kg) | Measured 1g SAR (W/kg) | Normalized 1g SAR (W/kg) | Deviation (%) | Dipole S/N | Probe S/N | DAE S/N | Output Power (dBm) |
| S01                 | 2450            | 22.6              | 1.8              | 38.9                           | 1.8                       | 39.2                                    | 0.00                       | -0.77                                    | Pass              | Pass            | Pass           | OFDM                      | N/A         | Pass | Jun. 04, 2026 | 2450            | 51.40                  | 2.65                   | 52.87                    | 2.87          | 737        | 3650      | 1341    | 17                 |
| S02                 | 5250            | 22.8              | 4.49             | 34.8                           | 4.71                      | 35.9                                    | -4.67                      | -3.06                                    | Pass              | Pass            | Pass           | OFDM                      | N/A         | Pass | Jun. 05, 2026 | 5250            | 81.30                  | 4.08                   | 81.41                    | 0.13          | 1019       | 3650      | 1341    | 17                 |
| S03                 | 5600            | 22.8              | 4.87             | 34.2                           | 5.07                      | 35.5                                    | -3.94                      | -3.66                                    | Pass              | Pass            | Pass           | OFDM                      | N/A         | Pass | Jun. 05, 2026 | 5600            | 80.90                  | 3.97                   | 79.21                    | -2.09         | 1019       | 3650      | 1341    | 17                 |
| S04                 | 5800            | 22.8              | 5.09             | 33.8                           | 5.27                      | 35.3                                    | -3.42                      | -4.25                                    | Pass              | Pass            | Pass           | OFDM                      | N/A         | Pass | Jun. 05, 2026 | 5800            | 79.50                  | 3.93                   | 78.41                    | -1.37         | 1019       | 3650      | 1341    | 17                 |
| S05                 | 5800            | 22.3              | 5.22             | 36.3                           | 5.27                      | 35.3                                    | -0.95                      | 2.83                                     | Pass              | Pass            | Pass           | OFDM                      | N/A         | Pass | Jun. 06, 2026 | 5800            | 79.50                  | 4.05                   | 80.81                    | 1.65          | 1019       | 3650      | 1341    | 17                 |
| S06                 | 2450            | 22.6              | 1.8              | 38.9                           | 1.8                       | 39.2                                    | 0.00                       | -0.77                                    | Pass              | Pass            | Pass           | GFSK                      | N/A         | Pass | Jun. 04, 2026 | 2450            | 51.40                  | 2.65                   | 52.87                    | 2.87          | 737        | 3650      | 1341    | 17                 |
| S13                 | 6500            | 22.7              | 5.94             | 35.6                           | 6.07                      | 34.5                                    | -2.14                      | 3.19                                     | Pass              | Pass            | Pass           | OFDM                      | N/A         | Pass | Jun. 14, 2026 | 6500            | 296.00                 | 30.2                   | 302.00                   | 2.03          | 1008       | 7696      | 1590    | 20                 |

| System Performance Check for Incident Power Density Measurement |               |                 |                  |                         |                                   |               |                                          |                                            |               |
|-----------------------------------------------------------------|---------------|-----------------|------------------|-------------------------|-----------------------------------|---------------|------------------------------------------|--------------------------------------------|---------------|
| Plot No.                                                        | Test Date     | Frequency [GHz] | mmWave Probe S/N | Verification Source S/N | Averaging Area [cm <sup>2</sup> ] | Distance [mm] | Target Power Density [W/m <sup>2</sup> ] | Measured Power Density [W/m <sup>2</sup> ] | Deviation [%] |
| S13                                                             | Jun. 11, 2026 | 10              | 9438             | 1025                    | 4                                 | 10.0          | 54.6                                     | 60.0                                       | 9.89%         |

| Tissue Verification |                 |                   |                  |                                |                           |                                         |                            |                                          | Validation for CW |                 |                | Validation for Modulation |             |      |               | System Check    |                         |                         |                           |               | Note       |           |         |                    |
|---------------------|-----------------|-------------------|------------------|--------------------------------|---------------------------|-----------------------------------------|----------------------------|------------------------------------------|-------------------|-----------------|----------------|---------------------------|-------------|------|---------------|-----------------|-------------------------|-------------------------|---------------------------|---------------|------------|-----------|---------|--------------------|
| Plot No.            | Frequency (MHz) | Liquid Temp. (°C) | Conductivity (σ) | Permittivity (ε <sub>r</sub> ) | Targeted Conductivity (σ) | Targeted Permittivity (ε <sub>r</sub> ) | Deviation Conductivity (σ) | Deviation Permittivity (ε <sub>r</sub> ) | Sensitivity Range | Probe Linearity | Probe Isotropy | Modulation Type           | Duty Factor | PAR  | Date          | Frequency (MHz) | Targeted 10g SAR (W/kg) | Measured 10g SAR (W/kg) | Normalized 10g SAR (W/kg) | Deviation (%) | Dipole S/N | Probe S/N | DAE S/N | Output Power (dBm) |
| S07                 | 2450            | 22.6              | 1.8              | 38.9                           | 1.8                       | 39.2                                    | 0.00                       | -0.77                                    | Pass              | Pass            | Pass           | OFDM                      | N/A         | Pass | Jun. 04, 2026 | 2450            | 24.00                   | 1.22                    | 24.34                     | 1.43          | 737        | 3650      | 1341    | 17                 |
| S08                 | 5250            | 22.8              | 4.49             | 34.8                           | 4.71                      | 35.9                                    | -4.67                      | -3.06                                    | Pass              | Pass            | Pass           | OFDM                      | N/A         | Pass | Jun. 05, 2026 | 5250            | 23.30                   | 1.16                    | 23.15                     | -0.67         | 1019       | 3650      | 1341    | 17                 |
| S09                 | 5600            | 22.8              | 4.87             | 34.2                           | 5.07                      | 35.5                                    | -3.94                      | -3.66                                    | Pass              | Pass            | Pass           | OFDM                      | N/A         | Pass | Jun. 05, 2026 | 5600            | 23.30                   | 1.13                    | 22.55                     | -3.23         | 1019       | 3650      | 1341    | 17                 |
| S10                 | 5800            | 22.8              | 5.09             | 33.8                           | 5.27                      | 35.3                                    | -3.42                      | -4.25                                    | Pass              | Pass            | Pass           | OFDM                      | N/A         | Pass | Jun. 05, 2026 | 5800            | 22.70                   | 1.19                    | 23.74                     | 4.60          | 1019       | 3650      | 1341    | 17                 |
| S11                 | 5800            | 22.3              | 5.22             | 36.3                           | 5.27                      | 35.3                                    | -0.95                      | 2.83                                     | Pass              | Pass            | Pass           | OFDM                      | N/A         | Pass | Jun. 06, 2026 | 5800            | 22.70                   | 1.15                    | 22.95                     | 1.08          | 1019       | 3650      | 1341    | 17                 |
| S12                 | 2450            | 22.6              | 1.8              | 38.9                           | 1.8                       | 39.2                                    | 0.00                       | -0.77                                    | Pass              | Pass            | Pass           | GFSK                      | N/A         | Pass | Jun. 04, 2026 | 2450            | 24.00                   | 1.22                    | 24.34                     | 1.43          | 737        | 3650      | 1341    | 17                 |
| S14                 | 6500            | 22.3              | 5.8              | 34.8                           | 6.07                      | 34.5                                    | -4.45                      | 0.87                                     | Pass              | Pass            | Pass           | OFDM                      | N/A         | Pass | Jun. 06, 2026 | 6500            | 54.40                   | 5.38                    | 53.80                     | -1.10         | 1008       | 3650      | 1341    | 20                 |

## **Appendix D. Maximum Target Conducted Power**

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

| Tune-up Power (Full)_DBS OFF |         |           |                           |                           |                       |                       |                             |
|------------------------------|---------|-----------|---------------------------|---------------------------|-----------------------|-----------------------|-----------------------------|
| WLAN 2.4GHz                  |         |           |                           |                           |                       |                       |                             |
| Mode                         | Channel | Frequency | SISO Ant 1<br>Max Tune up | SISO Ant 2<br>Max Tune up | MIMO Ant 1<br>Tune up | MIMO Ant 2<br>Tune up | MIMO Ant 1+2<br>Max Tune up |
| 802.11b                      | 1       | 2412      | 11.0                      | 11.0                      | 11.0                  | 11.0                  | 14.0                        |
|                              | 6       | 2437      | 11.0                      | 11.0                      | 11.0                  | 11.0                  | 14.0                        |
|                              | 11      | 2462      | 11.0                      | 11.0                      | 11.0                  | 11.0                  | 14.0                        |
|                              | 12      | 2467      | 11.0                      | 11.0                      | 11.0                  | 11.0                  | 14.0                        |
|                              | 13      | 2472      | 11.0                      | 11.0                      | 11.0                  | 11.0                  | 14.0                        |
| 802.11g                      | 1       | 2412      | 11.0                      | 11.0                      | 11.0                  | 11.0                  | 14.0                        |
|                              | 6       | 2437      | 11.0                      | 11.0                      | 11.0                  | 11.0                  | 14.0                        |
|                              | 11      | 2462      | 11.0                      | 11.0                      | 11.0                  | 11.0                  | 14.0                        |
|                              | 12      | 2467      | 11.0                      | 11.0                      | 11.0                  | 11.0                  | 14.0                        |
|                              | 13      | 2472      | 4.0                       | 4.0                       | 4.0                   | 4.0                   | 7.0                         |
| 802.11n HT20                 | 1       | 2412      | 11.0                      | 11.0                      | 11.0                  | 11.0                  | 14.0                        |
|                              | 6       | 2437      | 11.0                      | 11.0                      | 11.0                  | 11.0                  | 14.0                        |
|                              | 11      | 2462      | 11.0                      | 11.0                      | 11.0                  | 11.0                  | 14.0                        |
|                              | 12      | 2467      | 11.0                      | 11.0                      | 11.0                  | 11.0                  | 14.0                        |
|                              | 13      | 2472      | 3.5                       | 3.5                       | 3.5                   | 3.5                   | 6.5                         |
| 802.11n HT40                 | 3       | 2422      | 11.0                      | 11.0                      | 11.0                  | 11.0                  | 14.0                        |
|                              | 6       | 2437      | 11.0                      | 11.0                      | 11.0                  | 11.0                  | 14.0                        |
|                              | 9       | 2452      | 11.0                      | 11.0                      | 11.0                  | 11.0                  | 14.0                        |
|                              | 10      | 2457      | 11.0                      | 11.0                      | 11.0                  | 11.0                  | 14.0                        |
|                              | 11      | 2462      | 5.5                       | 5.5                       | 5.5                   | 5.5                   | 8.5                         |
| VHT20                        | 1       | 2412      | 11.0                      | 11.0                      | 11.0                  | 11.0                  | 14.0                        |
|                              | 6       | 2437      | 11.0                      | 11.0                      | 11.0                  | 11.0                  | 14.0                        |
|                              | 11      | 2462      | 11.0                      | 11.0                      | 11.0                  | 11.0                  | 14.0                        |
|                              | 12      | 2467      | 11.0                      | 11.0                      | 11.0                  | 11.0                  | 14.0                        |
|                              | 13      | 2472      | 3.5                       | 3.5                       | 3.5                   | 3.5                   | 6.5                         |
| VHT40                        | 3       | 2422      | 11.0                      | 11.0                      | 11.0                  | 11.0                  | 14.0                        |
|                              | 6       | 2437      | 11.0                      | 11.0                      | 11.0                  | 11.0                  | 14.0                        |
|                              | 9       | 2452      | 11.0                      | 11.0                      | 11.0                  | 11.0                  | 14.0                        |
|                              | 10      | 2457      | 11.0                      | 11.0                      | 11.0                  | 11.0                  | 14.0                        |
|                              | 11      | 2462      | 5.5                       | 5.5                       | 5.5                   | 5.5                   | 8.5                         |
| 802.11ax HE20                | 1       | 2412      | 11.0                      | 11.0                      | 11.0                  | 11.0                  | 14.0                        |
|                              | 6       | 2437      | 11.0                      | 11.0                      | 11.0                  | 11.0                  | 14.0                        |
|                              | 11      | 2462      | 11.0                      | 11.0                      | 11.0                  | 11.0                  | 14.0                        |
|                              | 12      | 2467      | 11.0                      | 11.0                      | 11.0                  | 11.0                  | 14.0                        |
|                              | 13      | 2472      | 3.5                       | 3.5                       | 3.5                   | 3.5                   | 6.5                         |
| 802.11ax HE40                | 3       | 2422      | 11.0                      | 11.0                      | 11.0                  | 11.0                  | 14.0                        |
|                              | 6       | 2437      | 11.0                      | 11.0                      | 11.0                  | 11.0                  | 14.0                        |
|                              | 9       | 2452      | 11.0                      | 11.0                      | 11.0                  | 11.0                  | 14.0                        |
|                              | 10      | 2457      | 11.0                      | 11.0                      | 11.0                  | 11.0                  | 14.0                        |
|                              | 11      | 2462      | 5.5                       | 5.5                       | 5.5                   | 5.5                   | 8.5                         |

| Tune-up Power (Full)_DBS OFF |         |           |  |                      |  |
|------------------------------|---------|-----------|--|----------------------|--|
| Bluetooth                    |         |           |  |                      |  |
| Mode                         | Channel | Frequency |  | Ant 2<br>Max Tune-up |  |
| BR / EDR                     | 0       | 2402      |  | 10.0                 |  |
|                              | 39      | 2441      |  | 10.0                 |  |
|                              | 78      | 2480      |  | 10.0                 |  |
| LE                           | 0       | 2402      |  | 10.0                 |  |
|                              | 19      | 2440      |  | 10.0                 |  |
|                              | 39      | 2480      |  | 10.0                 |  |

| Tune-up Power (Full)_DBS OFF |         |           |                           |                           |                       |                       |                             |
|------------------------------|---------|-----------|---------------------------|---------------------------|-----------------------|-----------------------|-----------------------------|
| WLAN 5.2GHz                  |         |           |                           |                           |                       |                       |                             |
| Mode                         | Channel | Frequency | SISO Ant 1<br>Max Tune up | SISO Ant 2<br>Max Tune up | MIMO Ant 1<br>Tune up | MIMO Ant 2<br>Tune up | MIMO Ant 1+2<br>Max Tune up |
| 802.11a                      | 36      | 5180      | 13.0                      | 13.0                      | 13.0                  | 13.0                  | 16.0                        |
|                              | 40      | 5200      | 13.0                      | 13.0                      | 13.0                  | 13.0                  | 16.0                        |
|                              | 44      | 5220      | 13.0                      | 13.0                      | 13.0                  | 13.0                  | 16.0                        |
|                              | 48      | 5240      | 13.0                      | 13.0                      | 13.0                  | 13.0                  | 16.0                        |
| 802.11n HT20                 | 36      | 5180      | 13.0                      | 13.0                      | 13.0                  | 13.0                  | 16.0                        |
|                              | 40      | 5200      | 13.0                      | 13.0                      | 13.0                  | 13.0                  | 16.0                        |
|                              | 44      | 5220      | 13.0                      | 13.0                      | 13.0                  | 13.0                  | 16.0                        |
| 802.11n HT40                 | 48      | 5240      | 13.0                      | 13.0                      | 13.0                  | 13.0                  | 16.0                        |
|                              | 38      | 5190      | 13.0                      | 13.0                      | 13.0                  | 13.0                  | 16.0                        |
|                              | 46      | 5230      | 13.0                      | 13.0                      | 13.0                  | 13.0                  | 16.0                        |
| 802.11ac VHT20               | 36      | 5180      | 13.0                      | 13.0                      | 13.0                  | 13.0                  | 16.0                        |
|                              | 40      | 5200      | 13.0                      | 13.0                      | 13.0                  | 13.0                  | 16.0                        |
|                              | 44      | 5220      | 13.0                      | 13.0                      | 13.0                  | 13.0                  | 16.0                        |
|                              | 48      | 5240      | 13.0                      | 13.0                      | 13.0                  | 13.0                  | 16.0                        |
| 802.11ac VHT40               | 38      | 5190      | 13.0                      | 13.0                      | 13.0                  | 13.0                  | 16.0                        |
|                              | 46      | 5230      | 13.0                      | 13.0                      | 13.0                  | 13.0                  | 16.0                        |
| 802.11ac VHT80               | 42      | 5210      | 13.0                      | 13.0                      | 13.0                  | 13.0                  | 16.0                        |
| 802.11ax HE20                | 36      | 5180      | 13.0                      | 13.0                      | 13.0                  | 13.0                  | 16.0                        |
|                              | 40      | 5200      | 13.0                      | 13.0                      | 13.0                  | 13.0                  | 16.0                        |
|                              | 44      | 5220      | 13.0                      | 13.0                      | 13.0                  | 13.0                  | 16.0                        |
|                              | 48      | 5240      | 13.0                      | 13.0                      | 13.0                  | 13.0                  | 16.0                        |
| 802.11ax HE40                | 38      | 5190      | 13.0                      | 13.0                      | 13.0                  | 13.0                  | 16.0                        |
|                              | 46      | 5230      | 13.0                      | 13.0                      | 13.0                  | 13.0                  | 16.0                        |
| 802.11ax HE80                | 42      | 5210      | 13.0                      | 13.0                      | 13.0                  | 13.0                  | 16.0                        |

| Tune-up Power (Full)_DBS OFF |         |           |                           |                           |                       |                       |                             |
|------------------------------|---------|-----------|---------------------------|---------------------------|-----------------------|-----------------------|-----------------------------|
| WLAN 5.3GHz                  |         |           |                           |                           |                       |                       |                             |
| Mode                         | Channel | Frequency | SISO Ant 1<br>Max Tune up | SISO Ant 2<br>Max Tune up | MIMO Ant 1<br>Tune up | MIMO Ant 2<br>Tune up | MIMO Ant 1+2<br>Max Tune up |
| 802.11a                      | 52      | 5260      | 13.0                      | 13.0                      | 13.0                  | 13.0                  | 16.0                        |
|                              | 56      | 5280      | 13.0                      | 13.0                      | 13.0                  | 13.0                  | 16.0                        |
|                              | 60      | 5300      | 13.0                      | 13.0                      | 13.0                  | 13.0                  | 16.0                        |
|                              | 64      | 5320      | 13.0                      | 13.0                      | 13.0                  | 13.0                  | 16.0                        |
| 802.11n HT20                 | 52      | 5260      | 13.0                      | 13.0                      | 13.0                  | 13.0                  | 16.0                        |
|                              | 56      | 5280      | 13.0                      | 13.0                      | 13.0                  | 13.0                  | 16.0                        |
|                              | 60      | 5300      | 13.0                      | 13.0                      | 13.0                  | 13.0                  | 16.0                        |
|                              | 64      | 5320      | 13.0                      | 13.0                      | 13.0                  | 13.0                  | 16.0                        |
| 802.11n HT40                 | 54      | 5270      | 13.0                      | 13.0                      | 13.0                  | 13.0                  | 16.0                        |
|                              | 62      | 5310      | 13.0                      | 13.0                      | 13.0                  | 13.0                  | 16.0                        |
| 802.11ac VHT20               | 52      | 5260      | 13.0                      | 13.0                      | 13.0                  | 13.0                  | 16.0                        |
|                              | 56      | 5280      | 13.0                      | 13.0                      | 13.0                  | 13.0                  | 16.0                        |
|                              | 60      | 5300      | 13.0                      | 13.0                      | 13.0                  | 13.0                  | 16.0                        |
|                              | 64      | 5320      | 13.0                      | 13.0                      | 13.0                  | 13.0                  | 16.0                        |
| 802.11ac VHT40               | 54      | 5270      | 13.0                      | 13.0                      | 13.0                  | 13.0                  | 16.0                        |
|                              | 62      | 5310      | 13.0                      | 13.0                      | 13.0                  | 13.0                  | 16.0                        |
| 802.11ac VHT80               | 58      | 5290      | 13.0                      | 13.0                      | 13.0                  | 13.0                  | 16.0                        |
| 802.11ac VHT160              | 50      | 5250      | 13.0                      | 13.0                      | 13.0                  | 13.0                  | 16.0                        |
| 802.11ax HE20                | 52      | 5260      | 13.0                      | 13.0                      | 13.0                  | 13.0                  | 16.0                        |
|                              | 56      | 5280      | 13.0                      | 13.0                      | 13.0                  | 13.0                  | 16.0                        |
|                              | 60      | 5300      | 13.0                      | 13.0                      | 13.0                  | 13.0                  | 16.0                        |
|                              | 64      | 5320      | 13.0                      | 13.0                      | 13.0                  | 13.0                  | 16.0                        |
| 802.11ax HE40                | 54      | 5270      | 13.0                      | 13.0                      | 13.0                  | 13.0                  | 16.0                        |
|                              | 62      | 5310      | 13.0                      | 13.0                      | 13.0                  | 13.0                  | 16.0                        |
| 802.11ax HE80                | 58      | 5290      | 13.0                      | 13.0                      | 13.0                  | 13.0                  | 16.0                        |
| 802.11ax HE160               | 50      | 5250      | 13.0                      | 13.0                      | 13.0                  | 13.0                  | 16.0                        |

| Tune-up Power (Full)_DBS OFF |         |           |                           |                           |                       |                       |                             |
|------------------------------|---------|-----------|---------------------------|---------------------------|-----------------------|-----------------------|-----------------------------|
| WLAN 5.6GHz                  |         |           |                           |                           |                       |                       |                             |
| Mode                         | Channel | Frequency | SISO Ant 1<br>Max Tune up | SISO Ant 2<br>Max Tune up | MIMO Ant 1<br>Tune up | MIMO Ant 2<br>Tune up | MIMO Ant 1+2<br>Max Tune up |
| 802.11a                      | 100     | 5500      | 11.5                      | 11.5                      | 11.5                  | 11.5                  | 14.5                        |
|                              | 116     | 5580      | 11.5                      | 11.5                      | 11.5                  | 11.5                  | 14.5                        |
|                              | 120     | 5600      | 11.5                      | 11.5                      | 11.5                  | 11.5                  | 14.5                        |
|                              | 124     | 5620      | 11.5                      | 11.5                      | 11.5                  | 11.5                  | 14.5                        |
|                              | 132     | 5660      | 11.5                      | 11.5                      | 11.5                  | 11.5                  | 14.5                        |
|                              | 140     | 5700      | 11.5                      | 11.5                      | 11.5                  | 11.5                  | 14.5                        |
|                              | 144     | 5720      | 11.5                      | 11.5                      | 11.5                  | 11.5                  | 14.5                        |
| 802.11n HT20                 | 100     | 5500      | 11.5                      | 11.5                      | 11.5                  | 11.5                  | 14.5                        |
|                              | 116     | 5580      | 11.5                      | 11.5                      | 11.5                  | 11.5                  | 14.5                        |
|                              | 120     | 5600      | 11.5                      | 11.5                      | 11.5                  | 11.5                  | 14.5                        |
|                              | 124     | 5620      | 11.5                      | 11.5                      | 11.5                  | 11.5                  | 14.5                        |
|                              | 132     | 5660      | 11.5                      | 11.5                      | 11.5                  | 11.5                  | 14.5                        |
|                              | 140     | 5700      | 11.5                      | 11.5                      | 11.5                  | 11.5                  | 14.5                        |
|                              | 144     | 5720      | 11.5                      | 11.5                      | 11.5                  | 11.5                  | 14.5                        |
| 802.11n HT40                 | 102     | 5510      | 11.5                      | 11.5                      | 11.5                  | 11.5                  | 14.5                        |
|                              | 110     | 5550      | 11.5                      | 11.5                      | 11.5                  | 11.5                  | 14.5                        |
|                              | 118     | 5590      | 11.5                      | 11.5                      | 11.5                  | 11.5                  | 14.5                        |
|                              | 126     | 5630      | 11.5                      | 11.5                      | 11.5                  | 11.5                  | 14.5                        |
|                              | 134     | 5670      | 11.5                      | 11.5                      | 11.5                  | 11.5                  | 14.5                        |
|                              | 142     | 5710      | 11.5                      | 11.5                      | 11.5                  | 11.5                  | 14.5                        |
|                              | 144     | 5720      | 11.5                      | 11.5                      | 11.5                  | 11.5                  | 14.5                        |
| 802.11ac VHT20               | 100     | 5500      | 11.5                      | 11.5                      | 11.5                  | 11.5                  | 14.5                        |
|                              | 116     | 5580      | 11.5                      | 11.5                      | 11.5                  | 11.5                  | 14.5                        |
|                              | 120     | 5600      | 11.5                      | 11.5                      | 11.5                  | 11.5                  | 14.5                        |
|                              | 124     | 5620      | 11.5                      | 11.5                      | 11.5                  | 11.5                  | 14.5                        |
|                              | 132     | 5660      | 11.5                      | 11.5                      | 11.5                  | 11.5                  | 14.5                        |
|                              | 140     | 5700      | 11.5                      | 11.5                      | 11.5                  | 11.5                  | 14.5                        |
|                              | 144     | 5720      | 11.5                      | 11.5                      | 11.5                  | 11.5                  | 14.5                        |
| 802.11ac VHT40               | 102     | 5510      | 11.5                      | 11.5                      | 11.5                  | 11.5                  | 14.5                        |
|                              | 110     | 5550      | 11.5                      | 11.5                      | 11.5                  | 11.5                  | 14.5                        |
|                              | 118     | 5590      | 11.5                      | 11.5                      | 11.5                  | 11.5                  | 14.5                        |
|                              | 126     | 5630      | 11.5                      | 11.5                      | 11.5                  | 11.5                  | 14.5                        |
|                              | 134     | 5670      | 11.5                      | 11.5                      | 11.5                  | 11.5                  | 14.5                        |
|                              | 142     | 5710      | 11.5                      | 11.5                      | 11.5                  | 11.5                  | 14.5                        |
|                              | 144     | 5720      | 11.5                      | 11.5                      | 11.5                  | 11.5                  | 14.5                        |
| 802.11ac VHT80               | 106     | 5530      | 11.5                      | 11.5                      | 11.5                  | 11.5                  | 14.5                        |
|                              | 122     | 5610      | 11.5                      | 11.5                      | 11.5                  | 11.5                  | 14.5                        |
|                              | 138     | 5690      | 11.5                      | 11.5                      | 11.5                  | 11.5                  | 14.5                        |
| 802.11ac VHT160              | 114     | 5570      | 11.5                      | 11.5                      | 11.5                  | 11.5                  | 14.5                        |
| 802.11ax HE20                | 100     | 5500      | 11.5                      | 11.5                      | 11.5                  | 11.5                  | 14.5                        |
|                              | 116     | 5580      | 11.5                      | 11.5                      | 11.5                  | 11.5                  | 14.5                        |
|                              | 120     | 5600      | 11.5                      | 11.5                      | 11.5                  | 11.5                  | 14.5                        |
|                              | 124     | 5620      | 11.5                      | 11.5                      | 11.5                  | 11.5                  | 14.5                        |
|                              | 132     | 5660      | 11.5                      | 11.5                      | 11.5                  | 11.5                  | 14.5                        |
|                              | 140     | 5700      | 11.5                      | 11.5                      | 11.5                  | 11.5                  | 14.5                        |
|                              | 144     | 5720      | 11.5                      | 11.5                      | 11.5                  | 11.5                  | 14.5                        |
| 802.11ax HE40                | 102     | 5510      | 11.5                      | 11.5                      | 11.5                  | 11.5                  | 14.5                        |
|                              | 110     | 5550      | 11.5                      | 11.5                      | 11.5                  | 11.5                  | 14.5                        |
|                              | 118     | 5590      | 11.5                      | 11.5                      | 11.5                  | 11.5                  | 14.5                        |
|                              | 126     | 5630      | 11.5                      | 11.5                      | 11.5                  | 11.5                  | 14.5                        |
|                              | 134     | 5670      | 11.5                      | 11.5                      | 11.5                  | 11.5                  | 14.5                        |
|                              | 142     | 5710      | 11.5                      | 11.5                      | 11.5                  | 11.5                  | 14.5                        |
|                              | 144     | 5720      | 11.5                      | 11.5                      | 11.5                  | 11.5                  | 14.5                        |
| 802.11ax HE80                | 106     | 5530      | 11.5                      | 11.5                      | 11.5                  | 11.5                  | 14.5                        |
|                              | 122     | 5610      | 11.5                      | 11.5                      | 11.5                  | 11.5                  | 14.5                        |
|                              | 138     | 5690      | 11.5                      | 11.5                      | 11.5                  | 11.5                  | 14.5                        |
| 802.11ax HE160               | 114     | 5570      | 11.5                      | 11.5                      | 11.5                  | 11.5                  | 14.5                        |

| Tune-up Power (Full)_DBS OFF |         |           |                           |                           |                       |                       |                             |
|------------------------------|---------|-----------|---------------------------|---------------------------|-----------------------|-----------------------|-----------------------------|
| WLAN 5.8GHz                  |         |           |                           |                           |                       |                       |                             |
| Mode                         | Channel | Frequency | SISO Ant 1<br>Max Tune up | SISO Ant 2<br>Max Tune up | MIMO Ant 1<br>Tune up | MIMO Ant 2<br>Tune up | MIMO Ant 1+2<br>Max Tune up |
| 802.11a                      | 149     | 5745      | 12.0                      | 12.0                      | 12.0                  | 12.0                  | 15.0                        |
|                              | 153     | 5765      | 12.0                      | 12.0                      | 12.0                  | 12.0                  | 15.0                        |
|                              | 157     | 5785      | 12.0                      | 12.0                      | 12.0                  | 12.0                  | 15.0                        |
|                              | 161     | 5805      | 12.0                      | 12.0                      | 12.0                  | 12.0                  | 15.0                        |
|                              | 165     | 5825      | 12.0                      | 12.0                      | 12.0                  | 12.0                  | 15.0                        |
| 802.11n HT20                 | 149     | 5745      | 12.0                      | 12.0                      | 12.0                  | 12.0                  | 15.0                        |
|                              | 153     | 5765      | 12.0                      | 12.0                      | 12.0                  | 12.0                  | 15.0                        |
|                              | 157     | 5785      | 12.0                      | 12.0                      | 12.0                  | 12.0                  | 15.0                        |
|                              | 161     | 5805      | 12.0                      | 12.0                      | 12.0                  | 12.0                  | 15.0                        |
|                              | 165     | 5825      | 12.0                      | 12.0                      | 12.0                  | 12.0                  | 15.0                        |
| 802.11n HT40                 | 151     | 5755      | 12.0                      | 12.0                      | 12.0                  | 12.0                  | 15.0                        |
|                              | 159     | 5795      | 12.0                      | 12.0                      | 12.0                  | 12.0                  | 15.0                        |
| 802.11ac VHT20               | 149     | 5745      | 12.0                      | 12.0                      | 12.0                  | 12.0                  | 15.0                        |
|                              | 153     | 5765      | 12.0                      | 12.0                      | 12.0                  | 12.0                  | 15.0                        |
|                              | 157     | 5785      | 12.0                      | 12.0                      | 12.0                  | 12.0                  | 15.0                        |
|                              | 161     | 5805      | 12.0                      | 12.0                      | 12.0                  | 12.0                  | 15.0                        |
|                              | 165     | 5825      | 12.0                      | 12.0                      | 12.0                  | 12.0                  | 15.0                        |
| 802.11ac VHT40               | 151     | 5755      | 12.0                      | 12.0                      | 12.0                  | 12.0                  | 15.0                        |
|                              | 159     | 5795      | 12.0                      | 12.0                      | 12.0                  | 12.0                  | 15.0                        |
| 802.11ac VHT80               | 155     | 5775      | 12.0                      | 12.0                      | 12.0                  | 12.0                  | 15.0                        |
| 802.11ax HE20                | 149     | 5745      | 12.0                      | 12.0                      | 12.0                  | 12.0                  | 15.0                        |
|                              | 153     | 5765      | 12.0                      | 12.0                      | 12.0                  | 12.0                  | 15.0                        |
|                              | 157     | 5785      | 12.0                      | 12.0                      | 12.0                  | 12.0                  | 15.0                        |
|                              | 161     | 5805      | 12.0                      | 12.0                      | 12.0                  | 12.0                  | 15.0                        |
|                              | 165     | 5825      | 12.0                      | 12.0                      | 12.0                  | 12.0                  | 15.0                        |
| 802.11ax HE40                | 151     | 5755      | 12.0                      | 12.0                      | 12.0                  | 12.0                  | 15.0                        |
|                              | 159     | 5795      | 12.0                      | 12.0                      | 12.0                  | 12.0                  | 15.0                        |
| 802.11ax HE80                | 155     | 5775      | 12.0                      | 12.0                      | 12.0                  | 12.0                  | 15.0                        |

| Tune-up Power (Full)_DBS OFF |         |           |                           |                           |                       |                       |                             |
|------------------------------|---------|-----------|---------------------------|---------------------------|-----------------------|-----------------------|-----------------------------|
| WLAN 5.9GHz                  |         |           |                           |                           |                       |                       |                             |
| Mode                         | Channel | Frequency | SISO Ant 1<br>Max Tune up | SISO Ant 2<br>Max Tune up | MIMO Ant 1<br>Tune up | MIMO Ant 2<br>Tune up | MIMO Ant 1+2<br>Max Tune up |
| 802.11a                      | 169     | 5845      | 12.5                      | 12.5                      | 12.5                  | 12.5                  | 15.5                        |
|                              | 173     | 5865      | 12.5                      | 12.5                      | 12.5                  | 12.5                  | 15.5                        |
|                              | 177     | 5885      | 12.5                      | 12.5                      | 12.5                  | 12.5                  | 15.5                        |
| 802.11n HT20                 | 169     | 5845      | 12.5                      | 12.5                      | 12.5                  | 12.5                  | 15.5                        |
|                              | 173     | 5865      | 12.5                      | 12.5                      | 12.5                  | 12.5                  | 15.5                        |
|                              | 177     | 5885      | 12.5                      | 12.5                      | 12.5                  | 12.5                  | 15.5                        |
| 802.11n HT40                 | 167     | 5835      | 12.5                      | 12.5                      | 12.5                  | 12.5                  | 15.5                        |
|                              | 175     | 5875      | 12.5                      | 12.5                      | 12.5                  | 12.5                  | 15.5                        |
|                              | 169     | 5845      | 12.5                      | 12.5                      | 12.5                  | 12.5                  | 15.5                        |
| 802.11ac VHT20               | 173     | 5865      | 12.5                      | 12.5                      | 12.5                  | 12.5                  | 15.5                        |
|                              | 177     | 5885      | 12.5                      | 12.5                      | 12.5                  | 12.5                  | 15.5                        |
|                              | 167     | 5835      | 12.5                      | 12.5                      | 12.5                  | 12.5                  | 15.5                        |
| 802.11ac VHT40               | 175     | 5875      | 12.5                      | 12.5                      | 12.5                  | 12.5                  | 15.5                        |
|                              | 171     | 5855      | 12.5                      | 12.5                      | 12.5                  | 12.5                  | 15.5                        |
| 802.11ac VHT80               | 163     | 5815      | 12.5                      | 12.5                      | 12.5                  | 12.5                  | 15.5                        |
| 802.11ac VHT160              | 169     | 5845      | 12.5                      | 12.5                      | 12.5                  | 12.5                  | 15.5                        |
| 802.11ax HE20                | 173     | 5865      | 12.5                      | 12.5                      | 12.5                  | 12.5                  | 15.5                        |
|                              | 177     | 5885      | 12.5                      | 12.5                      | 12.5                  | 12.5                  | 15.5                        |
|                              | 167     | 5835      | 12.5                      | 12.5                      | 12.5                  | 12.5                  | 15.5                        |
| 802.11ax HE40                | 175     | 5875      | 12.5                      | 12.5                      | 12.5                  | 12.5                  | 15.5                        |
|                              | 171     | 5855      | 12.5                      | 12.5                      | 12.5                  | 12.5                  | 15.5                        |
| 802.11ax HE80                | 163     | 5815      | 12.5                      | 12.5                      | 12.5                  | 12.5                  | 15.5                        |

| Tune-up Power (Full)_DBS OFF |         |           |                           |                           |                       |                       |                             |
|------------------------------|---------|-----------|---------------------------|---------------------------|-----------------------|-----------------------|-----------------------------|
| UNII-5                       |         |           |                           |                           |                       |                       |                             |
| Mode                         | Channel | Frequency | SISO Ant 1<br>Max Tune up | SISO Ant 2<br>Max Tune up | MIMO Ant 1<br>Tune up | MIMO Ant 2<br>Tune up | MIMO Ant 1+2<br>Max Tune up |
| 802.11a                      | 1       | 5955      | 10.0                      | 10.0                      | 10.0                  | 10.0                  | 13.0                        |
|                              | 5       | 5975      | 10.0                      | 10.0                      | 10.0                  | 10.0                  | 13.0                        |
|                              | 9       | 5995      | 10.0                      | 10.0                      | 10.0                  | 10.0                  | 13.0                        |
|                              | 13      | 6015      | 10.0                      | 10.0                      | 10.0                  | 10.0                  | 13.0                        |
|                              | 17      | 6035      | 10.0                      | 10.0                      | 10.0                  | 10.0                  | 13.0                        |
|                              | 21      | 6055      | 10.0                      | 10.0                      | 10.0                  | 10.0                  | 13.0                        |
|                              | 25      | 6075      | 10.0                      | 10.0                      | 10.0                  | 10.0                  | 13.0                        |
|                              | 29      | 6095      | 10.0                      | 10.0                      | 10.0                  | 10.0                  | 13.0                        |
|                              | 33      | 6115      | 10.0                      | 10.0                      | 10.0                  | 10.0                  | 13.0                        |
|                              | 37      | 6135      | 10.0                      | 10.0                      | 10.0                  | 10.0                  | 13.0                        |
|                              | 41      | 6155      | 10.0                      | 10.0                      | 10.0                  | 10.0                  | 13.0                        |
|                              | 45      | 6175      | 10.0                      | 10.0                      | 10.0                  | 10.0                  | 13.0                        |
|                              | 49      | 6195      | 10.0                      | 10.0                      | 10.0                  | 10.0                  | 13.0                        |
|                              | 53      | 6215      | 10.0                      | 10.0                      | 10.0                  | 10.0                  | 13.0                        |
|                              | 57      | 6235      | 10.0                      | 10.0                      | 10.0                  | 10.0                  | 13.0                        |
|                              | 61      | 6255      | 10.0                      | 10.0                      | 10.0                  | 10.0                  | 13.0                        |
|                              | 65      | 6275      | 10.0                      | 10.0                      | 10.0                  | 10.0                  | 13.0                        |
|                              | 69      | 6295      | 10.0                      | 10.0                      | 10.0                  | 10.0                  | 13.0                        |
|                              | 73      | 6315      | 10.0                      | 10.0                      | 10.0                  | 10.0                  | 13.0                        |
|                              | 77      | 6335      | 10.0                      | 10.0                      | 10.0                  | 10.0                  | 13.0                        |
| 802.11ax HE20                | 81      | 6355      | 10.0                      | 10.0                      | 10.0                  | 10.0                  | 13.0                        |
|                              | 85      | 6375      | 10.0                      | 10.0                      | 10.0                  | 10.0                  | 13.0                        |
|                              | 89      | 6395      | 10.0                      | 10.0                      | 10.0                  | 10.0                  | 13.0                        |
|                              | 93      | 6415      | 10.0                      | 10.0                      | 10.0                  | 10.0                  | 13.0                        |
|                              | 1       | 5955      | 10.0                      | 10.0                      | 10.0                  | 10.0                  | 13.0                        |
|                              | 5       | 5975      | 10.0                      | 10.0                      | 10.0                  | 10.0                  | 13.0                        |
|                              | 9       | 5995      | 10.0                      | 10.0                      | 10.0                  | 10.0                  | 13.0                        |
|                              | 13      | 6015      | 10.0                      | 10.0                      | 10.0                  | 10.0                  | 13.0                        |
|                              | 17      | 6035      | 10.0                      | 10.0                      | 10.0                  | 10.0                  | 13.0                        |
|                              | 21      | 6055      | 10.0                      | 10.0                      | 10.0                  | 10.0                  | 13.0                        |
|                              | 25      | 6075      | 10.0                      | 10.0                      | 10.0                  | 10.0                  | 13.0                        |
|                              | 29      | 6095      | 10.0                      | 10.0                      | 10.0                  | 10.0                  | 13.0                        |
|                              | 33      | 6115      | 10.0                      | 10.0                      | 10.0                  | 10.0                  | 13.0                        |
|                              | 37      | 6135      | 10.0                      | 10.0                      | 10.0                  | 10.0                  | 13.0                        |
|                              | 41      | 6155      | 10.0                      | 10.0                      | 10.0                  | 10.0                  | 13.0                        |
|                              | 45      | 6175      | 10.0                      | 10.0                      | 10.0                  | 10.0                  | 13.0                        |
|                              | 49      | 6195      | 10.0                      | 10.0                      | 10.0                  | 10.0                  | 13.0                        |
|                              | 53      | 6215      | 10.0                      | 10.0                      | 10.0                  | 10.0                  | 13.0                        |
|                              | 57      | 6235      | 10.0                      | 10.0                      | 10.0                  | 10.0                  | 13.0                        |
|                              | 61      | 6255      | 10.0                      | 10.0                      | 10.0                  | 10.0                  | 13.0                        |
| 802.11ax HE40                | 65      | 6275      | 10.0                      | 10.0                      | 10.0                  | 10.0                  | 13.0                        |
|                              | 69      | 6295      | 10.0                      | 10.0                      | 10.0                  | 10.0                  | 13.0                        |
|                              | 73      | 6315      | 10.0                      | 10.0                      | 10.0                  | 10.0                  | 13.0                        |
|                              | 77      | 6335      | 10.0                      | 10.0                      | 10.0                  | 10.0                  | 13.0                        |
|                              | 81      | 6355      | 10.0                      | 10.0                      | 10.0                  | 10.0                  | 13.0                        |
|                              | 85      | 6375      | 10.0                      | 10.0                      | 10.0                  | 10.0                  | 13.0                        |
|                              | 89      | 6395      | 10.0                      | 10.0                      | 10.0                  | 10.0                  | 13.0                        |
|                              | 93      | 6415      | 10.0                      | 10.0                      | 10.0                  | 10.0                  | 13.0                        |
|                              | 3       | 5965      | 10.0                      | 10.0                      | 10.0                  | 10.0                  | 13.0                        |
|                              | 11      | 6005      | 10.0                      | 10.0                      | 10.0                  | 10.0                  | 13.0                        |
|                              | 19      | 6045      | 10.0                      | 10.0                      | 10.0                  | 10.0                  | 13.0                        |
|                              | 27      | 6085      | 10.0                      | 10.0                      | 10.0                  | 10.0                  | 13.0                        |
| 802.11ax HE80                | 35      | 6125      | 10.0                      | 10.0                      | 10.0                  | 10.0                  | 13.0                        |
|                              | 43      | 6165      | 10.0                      | 10.0                      | 10.0                  | 10.0                  | 13.0                        |
|                              | 51      | 6205      | 10.0                      | 10.0                      | 10.0                  | 10.0                  | 13.0                        |
|                              | 59      | 6245      | 10.0                      | 10.0                      | 10.0                  | 10.0                  | 13.0                        |
|                              | 67      | 6285      | 10.0                      | 10.0                      | 10.0                  | 10.0                  | 13.0                        |
|                              | 75      | 6325      | 10.0                      | 10.0                      | 10.0                  | 10.0                  | 13.0                        |
|                              | 83      | 6365      | 10.0                      | 10.0                      | 10.0                  | 10.0                  | 13.0                        |
|                              | 91      | 6405      | 10.0                      | 10.0                      | 10.0                  | 10.0                  | 13.0                        |
| 802.11ax HE160               | 7       | 5985      | 10.0                      | 10.0                      | 10.0                  | 10.0                  | 13.0                        |
|                              | 23      | 6065      | 10.0                      | 10.0                      | 10.0                  | 10.0                  | 13.0                        |
|                              | 39      | 6145      | 10.0                      | 10.0                      | 10.0                  | 10.0                  | 13.0                        |
|                              | 55      | 6225      | 10.0                      | 10.0                      | 10.0                  | 10.0                  | 13.0                        |
|                              | 71      | 6305      | 10.0                      | 10.0                      | 10.0                  | 10.0                  | 13.0                        |
|                              | 87      | 6385      | 10.0                      | 10.0                      | 10.0                  | 10.0                  | 13.0                        |
|                              | 15      | 6025      | 10.0                      | 10.0                      | 10.0                  | 10.0                  | 13.0                        |
|                              | 47      | 6185      | 10.0                      | 10.0                      | 10.0                  | 10.0                  | 13.0                        |
|                              | 79      | 6345      | 10.0                      | 10.0                      | 10.0                  | 10.0                  | 13.0                        |

| Tune-up Power (Full)_DBS OFF |         |           |                           |                           |                       |                       |                             |
|------------------------------|---------|-----------|---------------------------|---------------------------|-----------------------|-----------------------|-----------------------------|
| UNII-6_FCC                   |         |           |                           |                           |                       |                       |                             |
| Mode                         | Channel | Frequency | SISO Ant 1<br>Max Tune up | SISO Ant 2<br>Max Tune up | MIMO Ant 1<br>Tune up | MIMO Ant 2<br>Tune up | MIMO Ant 1+2<br>Max Tune up |
| 802.11a                      | 97      | 6435      | 1.5                       | 1.5                       | 1.5                   | 1.5                   | 4.5                         |
|                              | 101     | 6455      | 1.5                       | 1.5                       | 1.5                   | 1.5                   | 4.5                         |
|                              | 105     | 6475      | 1.5                       | 1.5                       | 1.5                   | 1.5                   | 4.5                         |
|                              | 109     | 6495      | 1.5                       | 1.5                       | 1.5                   | 1.5                   | 4.5                         |
|                              | 113     | 6515      | 1.5                       | 1.5                       | 1.5                   | 1.5                   | 4.5                         |
| 802.11ax HE20                | 97      | 6435      | 2.5                       | 2.5                       | 2.5                   | 2.5                   | 5.5                         |
|                              | 101     | 6455      | 2.5                       | 2.5                       | 2.5                   | 2.5                   | 5.5                         |
|                              | 105     | 6475      | 2.5                       | 2.5                       | 2.5                   | 2.5                   | 5.5                         |
|                              | 109     | 6495      | 2.5                       | 2.5                       | 2.5                   | 2.5                   | 5.5                         |
|                              | 113     | 6515      | 2.5                       | 2.5                       | 2.5                   | 2.5                   | 5.5                         |
| 802.11ax HE40                | 99      | 6445      | 5.5                       | 5.5                       | 5.5                   | 5.5                   | 8.5                         |
|                              | 107     | 6485      | 5.5                       | 5.5                       | 5.5                   | 5.5                   | 8.5                         |
|                              | 115     | 6525      | 5.5                       | 5.5                       | 5.5                   | 5.5                   | 8.5                         |
| 802.11ax HE80                | 103     | 6465      | 8.5                       | 8.5                       | 8.5                   | 8.5                   | 11.5                        |
|                              | 119     | 6545      | 8.5                       | 8.5                       | 8.5                   | 8.5                   | 11.5                        |
| 802.11ax HE160               | 111     | 6505      | 9.0                       | 9.0                       | 9.0                   | 9.0                   | 12.0                        |

| Tune-up Power (Full)_DBS OFF |         |           |                           |                           |                       |                       |                             |
|------------------------------|---------|-----------|---------------------------|---------------------------|-----------------------|-----------------------|-----------------------------|
| UNII-7                       |         |           |                           |                           |                       |                       |                             |
| Mode                         | Channel | Frequency | SISO Ant 1<br>Max Tune up | SISO Ant 2<br>Max Tune up | MIMO Ant 1<br>Tune up | MIMO Ant 2<br>Tune up | MIMO Ant 1+2<br>Max Tune up |
| 802.11a                      | 117     | 6535      | 10.0                      | 10.0                      | 10.0                  | 10.0                  | 13.0                        |
|                              | 121     | 6555      | 10.0                      | 10.0                      | 10.0                  | 10.0                  | 13.0                        |
|                              | 125     | 6575      | 10.0                      | 10.0                      | 10.0                  | 10.0                  | 13.0                        |
|                              | 129     | 6595      | 10.0                      | 10.0                      | 10.0                  | 10.0                  | 13.0                        |
|                              | 133     | 6615      | 10.0                      | 10.0                      | 10.0                  | 10.0                  | 13.0                        |
|                              | 137     | 6635      | 10.0                      | 10.0                      | 10.0                  | 10.0                  | 13.0                        |
|                              | 141     | 6655      | 10.0                      | 10.0                      | 10.0                  | 10.0                  | 13.0                        |
|                              | 145     | 6675      | 10.0                      | 10.0                      | 10.0                  | 10.0                  | 13.0                        |
|                              | 149     | 6695      | 10.0                      | 10.0                      | 10.0                  | 10.0                  | 13.0                        |
|                              | 153     | 6715      | 10.0                      | 10.0                      | 10.0                  | 10.0                  | 13.0                        |
|                              | 157     | 6735      | 10.0                      | 10.0                      | 10.0                  | 10.0                  | 13.0                        |
|                              | 161     | 6755      | 10.0                      | 10.0                      | 10.0                  | 10.0                  | 13.0                        |
|                              | 165     | 6775      | 10.0                      | 10.0                      | 10.0                  | 10.0                  | 13.0                        |
|                              | 169     | 6795      | 10.0                      | 10.0                      | 10.0                  | 10.0                  | 13.0                        |
|                              | 173     | 6815      | 10.0                      | 10.0                      | 10.0                  | 10.0                  | 13.0                        |
|                              | 177     | 6835      | 10.0                      | 10.0                      | 10.0                  | 10.0                  | 13.0                        |
| 802.11ax HE20                | 181     | 6855      | 10.0                      | 10.0                      | 10.0                  | 10.0                  | 13.0                        |
|                              | 117     | 6535      | 10.0                      | 10.0                      | 10.0                  | 10.0                  | 13.0                        |
|                              | 121     | 6555      | 10.0                      | 10.0                      | 10.0                  | 10.0                  | 13.0                        |
|                              | 125     | 6575      | 10.0                      | 10.0                      | 10.0                  | 10.0                  | 13.0                        |
|                              | 129     | 6595      | 10.0                      | 10.0                      | 10.0                  | 10.0                  | 13.0                        |
|                              | 133     | 6615      | 10.0                      | 10.0                      | 10.0                  | 10.0                  | 13.0                        |
|                              | 137     | 6635      | 10.0                      | 10.0                      | 10.0                  | 10.0                  | 13.0                        |
|                              | 141     | 6655      | 10.0                      | 10.0                      | 10.0                  | 10.0                  | 13.0                        |
|                              | 145     | 6675      | 10.0                      | 10.0                      | 10.0                  | 10.0                  | 13.0                        |
|                              | 149     | 6695      | 10.0                      | 10.0                      | 10.0                  | 10.0                  | 13.0                        |
|                              | 153     | 6715      | 10.0                      | 10.0                      | 10.0                  | 10.0                  | 13.0                        |
|                              | 157     | 6735      | 10.0                      | 10.0                      | 10.0                  | 10.0                  | 13.0                        |
|                              | 161     | 6755      | 10.0                      | 10.0                      | 10.0                  | 10.0                  | 13.0                        |
|                              | 165     | 6775      | 10.0                      | 10.0                      | 10.0                  | 10.0                  | 13.0                        |
|                              | 169     | 6795      | 10.0                      | 10.0                      | 10.0                  | 10.0                  | 13.0                        |
|                              | 173     | 6815      | 10.0                      | 10.0                      | 10.0                  | 10.0                  | 13.0                        |
| 802.11ax HE40                | 177     | 6835      | 10.0                      | 10.0                      | 10.0                  | 10.0                  | 13.0                        |
|                              | 181     | 6855      | 10.0                      | 10.0                      | 10.0                  | 10.0                  | 13.0                        |
|                              | 123     | 6565      | 10.0                      | 10.0                      | 10.0                  | 10.0                  | 13.0                        |
|                              | 131     | 6605      | 10.0                      | 10.0                      | 10.0                  | 10.0                  | 13.0                        |
|                              | 139     | 6645      | 10.0                      | 10.0                      | 10.0                  | 10.0                  | 13.0                        |
|                              | 147     | 6685      | 10.0                      | 10.0                      | 10.0                  | 10.0                  | 13.0                        |
|                              | 155     | 6725      | 10.0                      | 10.0                      | 10.0                  | 10.0                  | 13.0                        |
|                              | 163     | 6765      | 10.0                      | 10.0                      | 10.0                  | 10.0                  | 13.0                        |
| 802.11ax HE80                | 171     | 6805      | 10.0                      | 10.0                      | 10.0                  | 10.0                  | 13.0                        |
|                              | 179     | 6845      | 10.0                      | 10.0                      | 10.0                  | 10.0                  | 13.0                        |
|                              | 187     | 6885      | 5.5                       | 5.5                       | 5.5                   | 5.5                   | 8.5                         |
|                              | 135     | 6625      | 10.0                      | 10.0                      | 10.0                  | 10.0                  | 13.0                        |
| 802.11ax HE160               | 151     | 6705      | 10.0                      | 10.0                      | 10.0                  | 10.0                  | 13.0                        |
|                              | 167     | 6785      | 10.0                      | 10.0                      | 10.0                  | 10.0                  | 13.0                        |
|                              | 183     | 6865      | 8.5                       | 8.5                       | 8.5                   | 8.5                   | 11.5                        |
|                              | 143     | 6665      | 10.0                      | 10.0                      | 10.0                  | 10.0                  | 13.0                        |
|                              | 175     | 6825      | 9.0                       | 9.0                       | 9.0                   | 9.0                   | 12.0                        |

| Tune-up Power (Full)_DBS OFF |         |           |                           |                           |                       |                       |                             |
|------------------------------|---------|-----------|---------------------------|---------------------------|-----------------------|-----------------------|-----------------------------|
| UNII-8                       |         |           |                           |                           |                       |                       |                             |
| Mode                         | Channel | Frequency | SISO Ant 1<br>Max Tune up | SISO Ant 2<br>Max Tune up | MIMO Ant 1<br>Tune up | MIMO Ant 2<br>Tune up | MIMO Ant 1+2<br>Max Tune up |
| 802.11a                      | 185     | 6875      | 1.5                       | 1.5                       | 1.5                   | 1.5                   | 4.5                         |
|                              | 189     | 6895      | 1.5                       | 1.5                       | 1.5                   | 1.5                   | 4.5                         |
|                              | 193     | 6915      | 1.5                       | 1.5                       | 1.5                   | 1.5                   | 4.5                         |
|                              | 197     | 6935      | 1.5                       | 1.5                       | 1.5                   | 1.5                   | 4.5                         |
|                              | 201     | 6955      | 1.5                       | 1.5                       | 1.5                   | 1.5                   | 4.5                         |
|                              | 205     | 6975      | 1.5                       | 1.5                       | 1.5                   | 1.5                   | 4.5                         |
|                              | 209     | 6995      | 1.5                       | 1.5                       | 1.5                   | 1.5                   | 4.5                         |
|                              | 213     | 7015      | 1.5                       | 1.5                       | 1.5                   | 1.5                   | 4.5                         |
|                              | 217     | 7035      | 1.5                       | 1.5                       | 1.5                   | 1.5                   | 4.5                         |
|                              | 221     | 7055      | 1.5                       | 1.5                       | 1.5                   | 1.5                   | 4.5                         |
|                              | 225     | 7075      | 1.5                       | 1.5                       | 1.5                   | 1.5                   | 4.5                         |
|                              | 229     | 7095      | 1.5                       | 1.5                       | 1.5                   | 1.5                   | 4.5                         |
|                              | 233     | 7115      | 1.0                       | 1.0                       | 1.0                   | 1.0                   | 4.0                         |
| 802.11ax HE20                | 185     | 6875      | 2.5                       | 2.5                       | 2.5                   | 2.5                   | 5.5                         |
|                              | 189     | 6895      | 2.5                       | 2.5                       | 2.5                   | 2.5                   | 5.5                         |
|                              | 193     | 6915      | 2.5                       | 2.5                       | 2.5                   | 2.5                   | 5.5                         |
|                              | 197     | 6935      | 2.5                       | 2.5                       | 2.5                   | 2.5                   | 5.5                         |
|                              | 201     | 6955      | 2.5                       | 2.5                       | 2.5                   | 2.5                   | 5.5                         |
|                              | 205     | 6975      | 2.5                       | 2.5                       | 2.5                   | 2.5                   | 5.5                         |
|                              | 209     | 6995      | 2.5                       | 2.5                       | 2.5                   | 2.5                   | 5.5                         |
|                              | 213     | 7015      | 2.5                       | 2.5                       | 2.5                   | 2.5                   | 5.5                         |
|                              | 217     | 7035      | 2.5                       | 2.5                       | 2.5                   | 2.5                   | 5.5                         |
|                              | 221     | 7055      | 2.5                       | 2.5                       | 2.5                   | 2.5                   | 5.5                         |
|                              | 225     | 7075      | 2.5                       | 2.5                       | 2.5                   | 2.5                   | 5.5                         |
|                              | 229     | 7095      | 2.5                       | 2.5                       | 2.5                   | 2.5                   | 5.5                         |
|                              | 233     | 7115      | -1.0                      | -1.0                      | -1.0                  | -1.0                  | 2.0                         |
| 802.11ax HE40                | 195     | 6925      | 5.5                       | 5.5                       | 5.5                   | 5.5                   | 8.5                         |
|                              | 203     | 6965      | 5.5                       | 5.5                       | 5.5                   | 5.5                   | 8.5                         |
|                              | 211     | 7005      | 5.5                       | 5.5                       | 5.5                   | 5.5                   | 8.5                         |
|                              | 219     | 7045      | 5.5                       | 5.5                       | 5.5                   | 5.5                   | 8.5                         |
|                              | 227     | 7085      | 5.5                       | 5.5                       | 5.5                   | 5.5                   | 8.5                         |
| 802.11ax HE80                | 199     | 6945      | 8.5                       | 8.5                       | 8.5                   | 8.5                   | 11.5                        |
|                              | 215     | 7025      | 8.5                       | 8.5                       | 8.5                   | 8.5                   | 11.5                        |
| 802.11ax HE160               | 207     | 6985      | 9.0                       | 9.0                       | 9.0                   | 9.0                   | 12.0                        |

| Tune-up Power (Full) DBS ON |         |           |                           |                           |                       |                       |                             |
|-----------------------------|---------|-----------|---------------------------|---------------------------|-----------------------|-----------------------|-----------------------------|
| WLAN 2.4GHz                 |         |           |                           |                           |                       |                       |                             |
| Mode                        | Channel | Frequency | SISO Ant 1<br>Max Tune up | SISO Ant 2<br>Max Tune up | MIMO Ant 1<br>Tune up | MIMO Ant 2<br>Tune up | MIMO Ant 1+2<br>Max Tune up |
| 802.11b                     | 1       | 2412      | 10.0                      | 10.0                      | 10.0                  | 10.0                  | 13.0                        |
|                             | 6       | 2437      | 10.0                      | 10.0                      | 10.0                  | 10.0                  | 13.0                        |
|                             | 11      | 2462      | 10.0                      | 10.0                      | 10.0                  | 10.0                  | 13.0                        |
|                             | 12      | 2467      | 10.0                      | 10.0                      | 10.0                  | 10.0                  | 13.0                        |
|                             | 13      | 2472      | 10.0                      | 10.0                      | 10.0                  | 10.0                  | 13.0                        |
| 802.11g                     | 1       | 2412      | 10.0                      | 10.0                      | 10.0                  | 10.0                  | 13.0                        |
|                             | 6       | 2437      | 10.0                      | 10.0                      | 10.0                  | 10.0                  | 13.0                        |
|                             | 11      | 2462      | 10.0                      | 10.0                      | 10.0                  | 10.0                  | 13.0                        |
|                             | 12      | 2467      | 10.0                      | 10.0                      | 10.0                  | 10.0                  | 13.0                        |
|                             | 13      | 2472      | 4.0                       | 4.0                       | 4.0                   | 4.0                   | 7.0                         |
| 802.11n HT20                | 1       | 2412      | 10.0                      | 10.0                      | 10.0                  | 10.0                  | 13.0                        |
|                             | 6       | 2437      | 10.0                      | 10.0                      | 10.0                  | 10.0                  | 13.0                        |
|                             | 11      | 2462      | 10.0                      | 10.0                      | 10.0                  | 10.0                  | 13.0                        |
|                             | 12      | 2467      | 10.0                      | 10.0                      | 10.0                  | 10.0                  | 13.0                        |
|                             | 13      | 2472      | 3.5                       | 3.5                       | 3.5                   | 3.5                   | 6.5                         |
| 802.11n HT40                | 3       | 2422      | 10.0                      | 10.0                      | 10.0                  | 10.0                  | 13.0                        |
|                             | 6       | 2437      | 10.0                      | 10.0                      | 10.0                  | 10.0                  | 13.0                        |
|                             | 9       | 2452      | 10.0                      | 10.0                      | 10.0                  | 10.0                  | 13.0                        |
|                             | 10      | 2457      | 10.0                      | 10.0                      | 10.0                  | 10.0                  | 13.0                        |
|                             | 11      | 2462      | 5.5                       | 5.5                       | 5.5                   | 5.5                   | 8.5                         |
| VHT20                       | 1       | 2412      | 10.0                      | 10.0                      | 10.0                  | 10.0                  | 13.0                        |
|                             | 6       | 2437      | 10.0                      | 10.0                      | 10.0                  | 10.0                  | 13.0                        |
|                             | 11      | 2462      | 10.0                      | 10.0                      | 10.0                  | 10.0                  | 13.0                        |
|                             | 12      | 2467      | 10.0                      | 10.0                      | 10.0                  | 10.0                  | 13.0                        |
|                             | 13      | 2472      | 3.5                       | 3.5                       | 3.5                   | 3.5                   | 6.5                         |
| VHT40                       | 3       | 2422      | 10.0                      | 10.0                      | 10.0                  | 10.0                  | 13.0                        |
|                             | 6       | 2437      | 10.0                      | 10.0                      | 10.0                  | 10.0                  | 13.0                        |
|                             | 9       | 2452      | 10.0                      | 10.0                      | 10.0                  | 10.0                  | 13.0                        |
|                             | 10      | 2457      | 10.0                      | 10.0                      | 10.0                  | 10.0                  | 13.0                        |
|                             | 11      | 2462      | 5.5                       | 5.5                       | 5.5                   | 5.5                   | 8.5                         |
| 802.11ax HE20               | 1       | 2412      | 10.0                      | 10.0                      | 10.0                  | 10.0                  | 13.0                        |
|                             | 6       | 2437      | 10.0                      | 10.0                      | 10.0                  | 10.0                  | 13.0                        |
|                             | 11      | 2462      | 10.0                      | 10.0                      | 10.0                  | 10.0                  | 13.0                        |
|                             | 12      | 2467      | 10.0                      | 10.0                      | 10.0                  | 10.0                  | 13.0                        |
|                             | 13      | 2472      | 3.5                       | 3.5                       | 3.5                   | 3.5                   | 6.5                         |
| 802.11ax HE40               | 3       | 2422      | 10.0                      | 10.0                      | 10.0                  | 10.0                  | 13.0                        |
|                             | 6       | 2437      | 10.0                      | 10.0                      | 10.0                  | 10.0                  | 13.0                        |
|                             | 9       | 2452      | 10.0                      | 10.0                      | 10.0                  | 10.0                  | 13.0                        |
|                             | 10      | 2457      | 10.0                      | 10.0                      | 10.0                  | 10.0                  | 13.0                        |
|                             | 11      | 2462      | 5.5                       | 5.5                       | 5.5                   | 5.5                   | 8.5                         |

| Tune-up Power (Full) DBS ON |         |           |                           |                           |                       |                       |                             |
|-----------------------------|---------|-----------|---------------------------|---------------------------|-----------------------|-----------------------|-----------------------------|
| WLAN 5.2GHz                 |         |           |                           |                           |                       |                       |                             |
| Mode                        | Channel | Frequency | SISO Ant 1<br>Max Tune up | SISO Ant 2<br>Max Tune up | MIMO Ant 1<br>Tune up | MIMO Ant 2<br>Tune up | MIMO Ant 1+2<br>Max Tune up |
| 802.11a                     | 36      | 5180      | 12.5                      | 12.5                      | 12.5                  | 12.5                  | 15.5                        |
|                             | 40      | 5200      | 12.5                      | 12.5                      | 12.5                  | 12.5                  | 15.5                        |
|                             | 44      | 5220      | 12.5                      | 12.5                      | 12.5                  | 12.5                  | 15.5                        |
|                             | 48      | 5240      | 12.5                      | 12.5                      | 12.5                  | 12.5                  | 15.5                        |
| 802.11n HT20                | 36      | 5180      | 12.5                      | 12.5                      | 12.5                  | 12.5                  | 15.5                        |
|                             | 40      | 5200      | 12.5                      | 12.5                      | 12.5                  | 12.5                  | 15.5                        |
|                             | 44      | 5220      | 12.5                      | 12.5                      | 12.5                  | 12.5                  | 15.5                        |
| 802.11n HT40                | 38      | 5190      | 12.5                      | 12.5                      | 12.5                  | 12.5                  | 15.5                        |
|                             | 46      | 5230      | 12.5                      | 12.5                      | 12.5                  | 12.5                  | 15.5                        |
|                             | 42      | 5210      | 12.5                      | 12.5                      | 12.5                  | 12.5                  | 15.5                        |
| 802.11ac VHT20              | 36      | 5180      | 12.5                      | 12.5                      | 12.5                  | 12.5                  | 15.5                        |
|                             | 40      | 5200      | 12.5                      | 12.5                      | 12.5                  | 12.5                  | 15.5                        |
|                             | 44      | 5220      | 12.5                      | 12.5                      | 12.5                  | 12.5                  | 15.5                        |
| 802.11ac VHT40              | 38      | 5190      | 12.5                      | 12.5                      | 12.5                  | 12.5                  | 15.5                        |
|                             | 46      | 5230      | 12.5                      | 12.5                      | 12.5                  | 12.5                  | 15.5                        |
|                             | 42      | 5210      | 12.5                      | 12.5                      | 12.5                  | 12.5                  | 15.5                        |
| 802.11ax HE20               | 36      | 5180      | 12.5                      | 12.5                      | 12.5                  | 12.5                  | 15.5                        |
|                             | 40      | 5200      | 12.5                      | 12.5                      | 12.5                  | 12.5                  | 15.5                        |
|                             | 44      | 5220      | 12.5                      | 12.5                      | 12.5                  | 12.5                  | 15.5                        |
| 802.11ax HE40               | 38      | 5190      | 12.5                      | 12.5                      | 12.5                  | 12.5                  | 15.5                        |
|                             | 46      | 5230      | 12.5                      | 12.5                      | 12.5                  | 12.5                  | 15.5                        |
|                             | 42      | 5210      | 12.5                      | 12.5                      | 12.5                  | 12.5                  | 15.5                        |

| Tune-up Power (Full) DBS ON |         |           |                           |                           |                       |                       |                             |
|-----------------------------|---------|-----------|---------------------------|---------------------------|-----------------------|-----------------------|-----------------------------|
| WLAN 5.3GHz                 |         |           |                           |                           |                       |                       |                             |
| Mode                        | Channel | Frequency | SISO Ant 1<br>Max Tune up | SISO Ant 2<br>Max Tune up | MIMO Ant 1<br>Tune up | MIMO Ant 2<br>Tune up | MIMO Ant 1+2<br>Max Tune up |
| 802.11a                     | 52      | 5260      | 12.5                      | 12.5                      | 12.5                  | 12.5                  | 15.5                        |
|                             | 56      | 5280      | 12.5                      | 12.5                      | 12.5                  | 12.5                  | 15.5                        |
|                             | 60      | 5300      | 12.5                      | 12.5                      | 12.5                  | 12.5                  | 15.5                        |
|                             | 64      | 5320      | 12.5                      | 12.5                      | 12.5                  | 12.5                  | 15.5                        |
| 802.11n HT20                | 52      | 5260      | 12.5                      | 12.5                      | 12.5                  | 12.5                  | 15.5                        |
|                             | 56      | 5280      | 12.5                      | 12.5                      | 12.5                  | 12.5                  | 15.5                        |
|                             | 60      | 5300      | 12.5                      | 12.5                      | 12.5                  | 12.5                  | 15.5                        |
|                             | 64      | 5320      | 12.5                      | 12.5                      | 12.5                  | 12.5                  | 15.5                        |
| 802.11n HT40                | 54      | 5270      | 12.5                      | 12.5                      | 12.5                  | 12.5                  | 15.5                        |
|                             | 62      | 5310      | 12.5                      | 12.5                      | 12.5                  | 12.5                  | 15.5                        |
| 802.11ac VHT20              | 52      | 5260      | 12.5                      | 12.5                      | 12.5                  | 12.5                  | 15.5                        |
|                             | 56      | 5280      | 12.5                      | 12.5                      | 12.5                  | 12.5                  | 15.5                        |
|                             | 60      | 5300      | 12.5                      | 12.5                      | 12.5                  | 12.5                  | 15.5                        |
|                             | 64      | 5320      | 12.5                      | 12.5                      | 12.5                  | 12.5                  | 15.5                        |
| 802.11ac VHT40              | 54      | 5270      | 12.5                      | 12.5                      | 12.5                  | 12.5                  | 15.5                        |
|                             | 62      | 5310      | 12.5                      | 12.5                      | 12.5                  | 12.5                  | 15.5                        |
| 802.11ac VHT80              | 58      | 5290      | 12.5                      | 12.5                      | 12.5                  | 12.5                  | 15.5                        |
| 802.11ac VHT160             | 50      | 5250      | 12.5                      | 12.5                      | 12.5                  | 12.5                  | 15.5                        |
| 802.11ax HE20               | 52      | 5260      | 12.5                      | 12.5                      | 12.5                  | 12.5                  | 15.5                        |
|                             | 56      | 5280      | 12.5                      | 12.5                      | 12.5                  | 12.5                  | 15.5                        |
|                             | 60      | 5300      | 12.5                      | 12.5                      | 12.5                  | 12.5                  | 15.5                        |
|                             | 64      | 5320      | 12.5                      | 12.5                      | 12.5                  | 12.5                  | 15.5                        |
| 802.11ax HE40               | 54      | 5270      | 12.5                      | 12.5                      | 12.5                  | 12.5                  | 15.5                        |
|                             | 62      | 5310      | 12.5                      | 12.5                      | 12.5                  | 12.5                  | 15.5                        |
| 802.11ax HE80               | 58      | 5290      | 12.5                      | 12.5                      | 12.5                  | 12.5                  | 15.5                        |
| 802.11ax HE160              | 50      | 5250      | 12.5                      | 12.5                      | 12.5                  | 12.5                  | 15.5                        |

| Tune-up Power (Full) DBS ON |         |           |                           |                           |                       |                       |                             |
|-----------------------------|---------|-----------|---------------------------|---------------------------|-----------------------|-----------------------|-----------------------------|
| WLAN 5.6GHz                 |         |           |                           |                           |                       |                       |                             |
| Mode                        | Channel | Frequency | SISO Ant 1<br>Max Tune up | SISO Ant 2<br>Max Tune up | MIMO Ant 1<br>Tune up | MIMO Ant 2<br>Tune up | MIMO Ant 1+2<br>Max Tune up |
| 802.11a                     | 100     | 5500      | 9.5                       | 9.5                       | 9.5                   | 9.5                   | 12.5                        |
|                             | 116     | 5580      | 9.5                       | 9.5                       | 9.5                   | 9.5                   | 12.5                        |
|                             | 120     | 5600      | 9.5                       | 9.5                       | 9.5                   | 9.5                   | 12.5                        |
|                             | 124     | 5620      | 9.5                       | 9.5                       | 9.5                   | 9.5                   | 12.5                        |
|                             | 132     | 5660      | 9.5                       | 9.5                       | 9.5                   | 9.5                   | 12.5                        |
|                             | 140     | 5700      | 9.5                       | 9.5                       | 9.5                   | 9.5                   | 12.5                        |
|                             | 144     | 5720      | 9.5                       | 9.5                       | 9.5                   | 9.5                   | 12.5                        |
| 802.11n HT20                | 100     | 5500      | 9.5                       | 9.5                       | 9.5                   | 9.5                   | 12.5                        |
|                             | 116     | 5580      | 9.5                       | 9.5                       | 9.5                   | 9.5                   | 12.5                        |
|                             | 120     | 5600      | 9.5                       | 9.5                       | 9.5                   | 9.5                   | 12.5                        |
|                             | 124     | 5620      | 9.5                       | 9.5                       | 9.5                   | 9.5                   | 12.5                        |
|                             | 132     | 5660      | 9.5                       | 9.5                       | 9.5                   | 9.5                   | 12.5                        |
|                             | 140     | 5700      | 9.5                       | 9.5                       | 9.5                   | 9.5                   | 12.5                        |
|                             | 144     | 5720      | 9.5                       | 9.5                       | 9.5                   | 9.5                   | 12.5                        |
| 802.11n HT40                | 102     | 5510      | 9.5                       | 9.5                       | 9.5                   | 9.5                   | 12.5                        |
|                             | 110     | 5550      | 9.5                       | 9.5                       | 9.5                   | 9.5                   | 12.5                        |
|                             | 118     | 5590      | 9.5                       | 9.5                       | 9.5                   | 9.5                   | 12.5                        |
|                             | 126     | 5630      | 9.5                       | 9.5                       | 9.5                   | 9.5                   | 12.5                        |
|                             | 134     | 5670      | 9.5                       | 9.5                       | 9.5                   | 9.5                   | 12.5                        |
|                             | 142     | 5710      | 9.5                       | 9.5                       | 9.5                   | 9.5                   | 12.5                        |
|                             | 100     | 5500      | 9.5                       | 9.5                       | 9.5                   | 9.5                   | 12.5                        |
| 802.11ac VHT20              | 116     | 5580      | 9.5                       | 9.5                       | 9.5                   | 9.5                   | 12.5                        |
|                             | 120     | 5600      | 9.5                       | 9.5                       | 9.5                   | 9.5                   | 12.5                        |
|                             | 124     | 5620      | 9.5                       | 9.5                       | 9.5                   | 9.5                   | 12.5                        |
|                             | 132     | 5660      | 9.5                       | 9.5                       | 9.5                   | 9.5                   | 12.5                        |
|                             | 140     | 5700      | 9.5                       | 9.5                       | 9.5                   | 9.5                   | 12.5                        |
|                             | 144     | 5720      | 9.5                       | 9.5                       | 9.5                   | 9.5                   | 12.5                        |
|                             | 102     | 5510      | 9.5                       | 9.5                       | 9.5                   | 9.5                   | 12.5                        |
| 802.11ac VHT40              | 110     | 5550      | 9.5                       | 9.5                       | 9.5                   | 9.5                   | 12.5                        |
|                             | 118     | 5590      | 9.5                       | 9.5                       | 9.5                   | 9.5                   | 12.5                        |
|                             | 126     | 5630      | 9.5                       | 9.5                       | 9.5                   | 9.5                   | 12.5                        |
|                             | 134     | 5670      | 9.5                       | 9.5                       | 9.5                   | 9.5                   | 12.5                        |
|                             | 142     | 5710      | 9.5                       | 9.5                       | 9.5                   | 9.5                   | 12.5                        |
|                             | 106     | 5530      | 9.5                       | 9.5                       | 9.5                   | 9.5                   | 12.5                        |
|                             | 122     | 5610      | 9.5                       | 9.5                       | 9.5                   | 9.5                   | 12.5                        |
| 802.11ac VHT80              | 138     | 5690      | 9.5                       | 9.5                       | 9.5                   | 9.5                   | 12.5                        |
| 802.11ac VHT160             | 114     | 5570      | 9.5                       | 9.5                       | 9.5                   | 9.5                   | 12.5                        |
| 802.11ax HE20               | 100     | 5500      | 9.5                       | 9.5                       | 9.5                   | 9.5                   | 12.5                        |
|                             | 116     | 5580      | 9.5                       | 9.5                       | 9.5                   | 9.5                   | 12.5                        |
|                             | 120     | 5600      | 9.5                       | 9.5                       | 9.5                   | 9.5                   | 12.5                        |
|                             | 124     | 5620      | 9.5                       | 9.5                       | 9.5                   | 9.5                   | 12.5                        |
|                             | 132     | 5660      | 9.5                       | 9.5                       | 9.5                   | 9.5                   | 12.5                        |
|                             | 140     | 5700      | 9.5                       | 9.5                       | 9.5                   | 9.5                   | 12.5                        |
|                             | 144     | 5720      | 9.5                       | 9.5                       | 9.5                   | 9.5                   | 12.5                        |
| 802.11ax HE40               | 102     | 5510      | 9.5                       | 9.5                       | 9.5                   | 9.5                   | 12.5                        |
|                             | 110     | 5550      | 9.5                       | 9.5                       | 9.5                   | 9.5                   | 12.5                        |
|                             | 118     | 5590      | 9.5                       | 9.5                       | 9.5                   | 9.5                   | 12.5                        |
|                             | 126     | 5630      | 9.5                       | 9.5                       | 9.5                   | 9.5                   | 12.5                        |
|                             | 134     | 5670      | 9.5                       | 9.5                       | 9.5                   | 9.5                   | 12.5                        |
|                             | 142     | 5710      | 9.5                       | 9.5                       | 9.5                   | 9.5                   | 12.5                        |
|                             | 106     | 5530      | 9.5                       | 9.5                       | 9.5                   | 9.5                   | 12.5                        |
| 802.11ax HE80               | 122     | 5610      | 9.5                       | 9.5                       | 9.5                   | 9.5                   | 12.5                        |
|                             | 138     | 5690      | 9.5                       | 9.5                       | 9.5                   | 9.5                   | 12.5                        |
| 802.11ax HE160              | 114     | 5570      | 9.5                       | 9.5                       | 9.5                   | 9.5                   | 12.5                        |

| Tune-up Power (Full) DBS ON |         |           |                           |                           |                       |                       |                             |
|-----------------------------|---------|-----------|---------------------------|---------------------------|-----------------------|-----------------------|-----------------------------|
| WLAN 5.8GHz                 |         |           |                           |                           |                       |                       |                             |
| Mode                        | Channel | Frequency | SISO Ant 1<br>Max Tune up | SISO Ant 2<br>Max Tune up | MIMO Ant 1<br>Tune up | MIMO Ant 2<br>Tune up | MIMO Ant 1+2<br>Max Tune up |
| 802.11a                     | 149     | 5745      | 9.5                       | 9.5                       | 9.5                   | 9.5                   | 12.5                        |
|                             | 153     | 5765      | 9.5                       | 9.5                       | 9.5                   | 9.5                   | 12.5                        |
|                             | 157     | 5785      | 9.5                       | 9.5                       | 9.5                   | 9.5                   | 12.5                        |
|                             | 161     | 5805      | 9.5                       | 9.5                       | 9.5                   | 9.5                   | 12.5                        |
|                             | 165     | 5825      | 9.5                       | 9.5                       | 9.5                   | 9.5                   | 12.5                        |
| 802.11n HT20                | 149     | 5745      | 9.5                       | 9.5                       | 9.5                   | 9.5                   | 12.5                        |
|                             | 153     | 5765      | 9.5                       | 9.5                       | 9.5                   | 9.5                   | 12.5                        |
|                             | 157     | 5785      | 9.5                       | 9.5                       | 9.5                   | 9.5                   | 12.5                        |
|                             | 161     | 5805      | 9.5                       | 9.5                       | 9.5                   | 9.5                   | 12.5                        |
|                             | 165     | 5825      | 9.5                       | 9.5                       | 9.5                   | 9.5                   | 12.5                        |
| 802.11n HT40                | 151     | 5755      | 9.5                       | 9.5                       | 9.5                   | 9.5                   | 12.5                        |
|                             | 159     | 5795      | 9.5                       | 9.5                       | 9.5                   | 9.5                   | 12.5                        |
| 802.11ac VHT20              | 149     | 5745      | 9.5                       | 9.5                       | 9.5                   | 9.5                   | 12.5                        |
|                             | 153     | 5765      | 9.5                       | 9.5                       | 9.5                   | 9.5                   | 12.5                        |
|                             | 157     | 5785      | 9.5                       | 9.5                       | 9.5                   | 9.5                   | 12.5                        |
|                             | 161     | 5805      | 9.5                       | 9.5                       | 9.5                   | 9.5                   | 12.5                        |
|                             | 165     | 5825      | 9.5                       | 9.5                       | 9.5                   | 9.5                   | 12.5                        |
| 802.11ac VHT40              | 151     | 5755      | 9.5                       | 9.5                       | 9.5                   | 9.5                   | 12.5                        |
|                             | 159     | 5795      | 9.5                       | 9.5                       | 9.5                   | 9.5                   | 12.5                        |
| 802.11ac VHT80              | 155     | 5775      | 9.5                       | 9.5                       | 9.5                   | 9.5                   | 12.5                        |
| 802.11ax HE20               | 149     | 5745      | 9.5                       | 9.5                       | 9.5                   | 9.5                   | 12.5                        |
|                             | 153     | 5765      | 9.5                       | 9.5                       | 9.5                   | 9.5                   | 12.5                        |
|                             | 157     | 5785      | 9.5                       | 9.5                       | 9.5                   | 9.5                   | 12.5                        |
|                             | 161     | 5805      | 9.5                       | 9.5                       | 9.5                   | 9.5                   | 12.5                        |
|                             | 165     | 5825      | 9.5                       | 9.5                       | 9.5                   | 9.5                   | 12.5                        |
| 802.11ax HE40               | 151     | 5755      | 9.5                       | 9.5                       | 9.5                   | 9.5                   | 12.5                        |
|                             | 159     | 5795      | 9.5                       | 9.5                       | 9.5                   | 9.5                   | 12.5                        |
| 802.11ax HE80               | 155     | 5775      | 9.5                       | 9.5                       | 9.5                   | 9.5                   | 12.5                        |

| Tune-up Power (Full) DBS ON |         |           |                           |                           |                       |                       |                             |
|-----------------------------|---------|-----------|---------------------------|---------------------------|-----------------------|-----------------------|-----------------------------|
| WLAN 5.9GHz                 |         |           |                           |                           |                       |                       |                             |
| Mode                        | Channel | Frequency | SISO Ant 1<br>Max Tune up | SISO Ant 2<br>Max Tune up | MIMO Ant 1<br>Tune up | MIMO Ant 2<br>Tune up | MIMO Ant 1+2<br>Max Tune up |
| 802.11a                     | 169     | 5845      | 9.5                       | 9.5                       | 9.5                   | 9.5                   | 12.5                        |
|                             | 173     | 5865      | 9.5                       | 9.5                       | 9.5                   | 9.5                   | 12.5                        |
|                             | 177     | 5885      | 9.5                       | 9.5                       | 9.5                   | 9.5                   | 12.5                        |
| 802.11n HT20                | 169     | 5845      | 9.5                       | 9.5                       | 9.5                   | 9.5                   | 12.5                        |
|                             | 173     | 5865      | 9.5                       | 9.5                       | 9.5                   | 9.5                   | 12.5                        |
|                             | 177     | 5885      | 9.5                       | 9.5                       | 9.5                   | 9.5                   | 12.5                        |
| 802.11n HT40                | 167     | 5835      | 9.5                       | 9.5                       | 9.5                   | 9.5                   | 12.5                        |
|                             | 175     | 5875      | 9.5                       | 9.5                       | 9.5                   | 9.5                   | 12.5                        |
|                             | 169     | 5845      | 9.5                       | 9.5                       | 9.5                   | 9.5                   | 12.5                        |
| 802.11ac VHT20              | 173     | 5865      | 9.5                       | 9.5                       | 9.5                   | 9.5                   | 12.5                        |
|                             | 177     | 5885      | 9.5                       | 9.5                       | 9.5                   | 9.5                   | 12.5                        |
|                             | 167     | 5835      | 9.5                       | 9.5                       | 9.5                   | 9.5                   | 12.5                        |
| 802.11ac VHT40              | 175     | 5875      | 9.5                       | 9.5                       | 9.5                   | 9.5                   | 12.5                        |
|                             | 171     | 5855      | 9.5                       | 9.5                       | 9.5                   | 9.5                   | 12.5                        |
|                             | 163     | 5815      | 9.5                       | 9.5                       | 9.5                   | 9.5                   | 12.5                        |
| 802.11ac VHT80              | 169     | 5845      | 9.5                       | 9.5                       | 9.5                   | 9.5                   | 12.5                        |
|                             | 173     | 5865      | 9.5                       | 9.5                       | 9.5                   | 9.5                   | 12.5                        |
|                             | 177     | 5885      | 9.5                       | 9.5                       | 9.5                   | 9.5                   | 12.5                        |
| 802.11ax HE20               | 167     | 5835      | 9.5                       | 9.5                       | 9.5                   | 9.5                   | 12.5                        |
|                             | 175     | 5875      | 9.5                       | 9.5                       | 9.5                   | 9.5                   | 12.5                        |
|                             | 171     | 5855      | 9.5                       | 9.5                       | 9.5                   | 9.5                   | 12.5                        |
| 802.11ax HE40               | 163     | 5815      | 9.5                       | 9.5                       | 9.5                   | 9.5                   | 12.5                        |
|                             | 169     | 5845      | 9.5                       | 9.5                       | 9.5                   | 9.5                   | 12.5                        |
|                             | 173     | 5865      | 9.5                       | 9.5                       | 9.5                   | 9.5                   | 12.5                        |
| 802.11ax HE80               | 177     | 5885      | 9.5                       | 9.5                       | 9.5                   | 9.5                   | 12.5                        |
|                             | 167     | 5835      | 9.5                       | 9.5                       | 9.5                   | 9.5                   | 12.5                        |
|                             | 175     | 5875      | 9.5                       | 9.5                       | 9.5                   | 9.5                   | 12.5                        |
| 802.11ax HE160              | 171     | 5855      | 9.5                       | 9.5                       | 9.5                   | 9.5                   | 12.5                        |
|                             | 163     | 5815      | 9.5                       | 9.5                       | 9.5                   | 9.5                   | 12.5                        |
|                             | 169     | 5845      | 9.5                       | 9.5                       | 9.5                   | 9.5                   | 12.5                        |

| Tune-up Power (Full) DBS ON |         |           |                           |                           |                       |                       |                             |
|-----------------------------|---------|-----------|---------------------------|---------------------------|-----------------------|-----------------------|-----------------------------|
| UNII-5                      |         |           |                           |                           |                       |                       |                             |
| Mode                        | Channel | Frequency | SISO Ant 1<br>Max Tune up | SISO Ant 2<br>Max Tune up | MIMO Ant 1<br>Tune up | MIMO Ant 2<br>Tune up | MIMO Ant 1+2<br>Max Tune up |
| 802.11a                     | 1       | 5955      | 8.0                       | 8.0                       | 8.0                   | 8.0                   | 11.0                        |
|                             | 5       | 5975      | 8.0                       | 8.0                       | 8.0                   | 8.0                   | 11.0                        |
|                             | 9       | 5995      | 8.0                       | 8.0                       | 8.0                   | 8.0                   | 11.0                        |
|                             | 13      | 6015      | 8.0                       | 8.0                       | 8.0                   | 8.0                   | 11.0                        |
|                             | 17      | 6035      | 8.0                       | 8.0                       | 8.0                   | 8.0                   | 11.0                        |
|                             | 21      | 6055      | 8.0                       | 8.0                       | 8.0                   | 8.0                   | 11.0                        |
|                             | 25      | 6075      | 8.0                       | 8.0                       | 8.0                   | 8.0                   | 11.0                        |
|                             | 29      | 6095      | 8.0                       | 8.0                       | 8.0                   | 8.0                   | 11.0                        |
|                             | 33      | 6115      | 8.0                       | 8.0                       | 8.0                   | 8.0                   | 11.0                        |
|                             | 37      | 6135      | 8.0                       | 8.0                       | 8.0                   | 8.0                   | 11.0                        |
|                             | 41      | 6155      | 8.0                       | 8.0                       | 8.0                   | 8.0                   | 11.0                        |
|                             | 45      | 6175      | 8.0                       | 8.0                       | 8.0                   | 8.0                   | 11.0                        |
|                             | 49      | 6195      | 8.0                       | 8.0                       | 8.0                   | 8.0                   | 11.0                        |
|                             | 53      | 6215      | 8.0                       | 8.0                       | 8.0                   | 8.0                   | 11.0                        |
|                             | 57      | 6235      | 8.0                       | 8.0                       | 8.0                   | 8.0                   | 11.0                        |
|                             | 61      | 6255      | 8.0                       | 8.0                       | 8.0                   | 8.0                   | 11.0                        |
|                             | 65      | 6275      | 8.0                       | 8.0                       | 8.0                   | 8.0                   | 11.0                        |
|                             | 69      | 6295      | 8.0                       | 8.0                       | 8.0                   | 8.0                   | 11.0                        |
|                             | 73      | 6315      | 8.0                       | 8.0                       | 8.0                   | 8.0                   | 11.0                        |
|                             | 77      | 6335      | 8.0                       | 8.0                       | 8.0                   | 8.0                   | 11.0                        |
| 802.11ax HE20               | 81      | 6355      | 8.0                       | 8.0                       | 8.0                   | 8.0                   | 11.0                        |
|                             | 85      | 6375      | 8.0                       | 8.0                       | 8.0                   | 8.0                   | 11.0                        |
|                             | 89      | 6395      | 8.0                       | 8.0                       | 8.0                   | 8.0                   | 11.0                        |
|                             | 93      | 6415      | 8.0                       | 8.0                       | 8.0                   | 8.0                   | 11.0                        |
|                             | 1       | 5955      | 8.0                       | 8.0                       | 8.0                   | 8.0                   | 11.0                        |
|                             | 5       | 5975      | 8.0                       | 8.0                       | 8.0                   | 8.0                   | 11.0                        |
|                             | 9       | 5995      | 8.0                       | 8.0                       | 8.0                   | 8.0                   | 11.0                        |
|                             | 13      | 6015      | 8.0                       | 8.0                       | 8.0                   | 8.0                   | 11.0                        |
|                             | 17      | 6035      | 8.0                       | 8.0                       | 8.0                   | 8.0                   | 11.0                        |
|                             | 21      | 6055      | 8.0                       | 8.0                       | 8.0                   | 8.0                   | 11.0                        |
|                             | 25      | 6075      | 8.0                       | 8.0                       | 8.0                   | 8.0                   | 11.0                        |
|                             | 29      | 6095      | 8.0                       | 8.0                       | 8.0                   | 8.0                   | 11.0                        |
|                             | 33      | 6115      | 8.0                       | 8.0                       | 8.0                   | 8.0                   | 11.0                        |
|                             | 37      | 6135      | 8.0                       | 8.0                       | 8.0                   | 8.0                   | 11.0                        |
|                             | 41      | 6155      | 8.0                       | 8.0                       | 8.0                   | 8.0                   | 11.0                        |
|                             | 45      | 6175      | 8.0                       | 8.0                       | 8.0                   | 8.0                   | 11.0                        |
|                             | 49      | 6195      | 8.0                       | 8.0                       | 8.0                   | 8.0                   | 11.0                        |
|                             | 53      | 6215      | 8.0                       | 8.0                       | 8.0                   | 8.0                   | 11.0                        |
|                             | 57      | 6235      | 8.0                       | 8.0                       | 8.0                   | 8.0                   | 11.0                        |
|                             | 61      | 6255      | 8.0                       | 8.0                       | 8.0                   | 8.0                   | 11.0                        |
|                             | 65      | 6275      | 8.0                       | 8.0                       | 8.0                   | 8.0                   | 11.0                        |
| 802.11ax HE40               | 69      | 6295      | 8.0                       | 8.0                       | 8.0                   | 8.0                   | 11.0                        |
|                             | 73      | 6315      | 8.0                       | 8.0                       | 8.0                   | 8.0                   | 11.0                        |
|                             | 77      | 6335      | 8.0                       | 8.0                       | 8.0                   | 8.0                   | 11.0                        |
|                             | 81      | 6355      | 8.0                       | 8.0                       | 8.0                   | 8.0                   | 11.0                        |
|                             | 85      | 6375      | 8.0                       | 8.0                       | 8.0                   | 8.0                   | 11.0                        |
|                             | 89      | 6395      | 8.0                       | 8.0                       | 8.0                   | 8.0                   | 11.0                        |
|                             | 93      | 6415      | 8.0                       | 8.0                       | 8.0                   | 8.0                   | 11.0                        |
|                             | 3       | 5965      | 8.0                       | 8.0                       | 8.0                   | 8.0                   | 11.0                        |
|                             | 11      | 6005      | 8.0                       | 8.0                       | 8.0                   | 8.0                   | 11.0                        |
|                             | 19      | 6045      | 8.0                       | 8.0                       | 8.0                   | 8.0                   | 11.0                        |
| 802.11ax HE80               | 27      | 6085      | 8.0                       | 8.0                       | 8.0                   | 8.0                   | 11.0                        |
|                             | 35      | 6125      | 8.0                       | 8.0                       | 8.0                   | 8.0                   | 11.0                        |
|                             | 43      | 6165      | 8.0                       | 8.0                       | 8.0                   | 8.0                   | 11.0                        |
|                             | 51      | 6205      | 8.0                       | 8.0                       | 8.0                   | 8.0                   | 11.0                        |
|                             | 59      | 6245      | 8.0                       | 8.0                       | 8.0                   | 8.0                   | 11.0                        |
|                             | 67      | 6285      | 8.0                       | 8.0                       | 8.0                   | 8.0                   | 11.0                        |
|                             | 75      | 6325      | 8.0                       | 8.0                       | 8.0                   | 8.0                   | 11.0                        |
|                             | 83      | 6365      | 8.0                       | 8.0                       | 8.0                   | 8.0                   | 11.0                        |
| 802.11ax HE160              | 91      | 6405      | 8.0                       | 8.0                       | 8.0                   | 8.0                   | 11.0                        |
|                             | 7       | 5985      | 8.0                       | 8.0                       | 8.0                   | 8.0                   | 11.0                        |
|                             | 23      | 6065      | 8.0                       | 8.0                       | 8.0                   | 8.0                   | 11.0                        |
|                             | 39      | 6145      | 8.0                       | 8.0                       | 8.0                   | 8.0                   | 11.0                        |
|                             | 55      | 6225      | 8.0                       | 8.0                       | 8.0                   | 8.0                   | 11.0                        |
|                             | 71      | 6305      | 8.0                       | 8.0                       | 8.0                   | 8.0                   | 11.0                        |
|                             | 87      | 6385      | 8.0                       | 8.0                       | 8.0                   | 8.0                   | 11.0                        |
|                             | 15      | 6025      | 8.0                       | 8.0                       | 8.0                   | 8.0                   | 11.0                        |
|                             | 47      | 6185      | 8.0                       | 8.0                       | 8.0                   | 8.0                   | 11.0                        |
|                             | 79      | 6345      | 8.0                       | 8.0                       | 8.0                   | 8.0                   | 11.0                        |

| Tune-up Power (Full) DBS ON |         |           |                           |                           |                       |                       |                             |
|-----------------------------|---------|-----------|---------------------------|---------------------------|-----------------------|-----------------------|-----------------------------|
| UNII-6 FCC                  |         |           |                           |                           |                       |                       |                             |
| Mode                        | Channel | Frequency | SISO Ant 1<br>Max Tune up | SISO Ant 2<br>Max Tune up | MIMO Ant 1<br>Tune up | MIMO Ant 2<br>Tune up | MIMO Ant 1+2<br>Max Tune up |
| 802.11a                     | 97      | 6435      | 1.5                       | 1.5                       | 1.5                   | 1.5                   | 4.5                         |
|                             | 101     | 6455      | 1.5                       | 1.5                       | 1.5                   | 1.5                   | 4.5                         |
|                             | 105     | 6475      | 1.5                       | 1.5                       | 1.5                   | 1.5                   | 4.5                         |
|                             | 109     | 6495      | 1.5                       | 1.5                       | 1.5                   | 1.5                   | 4.5                         |
|                             | 113     | 6515      | 1.5                       | 1.5                       | 1.5                   | 1.5                   | 4.5                         |
| 802.11ax HE20               | 97      | 6435      | 2.5                       | 2.5                       | 2.5                   | 2.5                   | 5.5                         |
|                             | 101     | 6455      | 2.5                       | 2.5                       | 2.5                   | 2.5                   | 5.5                         |
|                             | 105     | 6475      | 2.5                       | 2.5                       | 2.5                   | 2.5                   | 5.5                         |
|                             | 109     | 6495      | 2.5                       | 2.5                       | 2.5                   | 2.5                   | 5.5                         |
|                             | 113     | 6515      | 2.5                       | 2.5                       | 2.5                   | 2.5                   | 5.5                         |
| 802.11ax HE40               | 99      | 6445      | 5.5                       | 5.5                       | 5.5                   | 5.5                   | 8.5                         |
|                             | 107     | 6485      | 5.5                       | 5.5                       | 5.5                   | 5.5                   | 8.5                         |
|                             | 115     | 6525      | 5.5                       | 5.5                       | 5.5                   | 5.5                   | 8.5                         |
| 802.11ax HE80               | 103     | 6465      | 8.0                       | 8.0                       | 8.0                   | 8.0                   | 11.0                        |
|                             | 119     | 6545      | 8.0                       | 8.0                       | 8.0                   | 8.0                   | 11.0                        |
| 802.11ax HE160              | 111     | 6505      | 8.0                       | 8.0                       | 8.0                   | 8.0                   | 11.0                        |

| Tune-up Power (Full) DBS ON |         |           |                           |                           |                       |                       |                             |
|-----------------------------|---------|-----------|---------------------------|---------------------------|-----------------------|-----------------------|-----------------------------|
| UNII-7                      |         |           |                           |                           |                       |                       |                             |
| Mode                        | Channel | Frequency | SISO Ant 1<br>Max Tune up | SISO Ant 2<br>Max Tune up | MIMO Ant 1<br>Tune up | MIMO Ant 2<br>Tune up | MIMO Ant 1+2<br>Max Tune up |
| 802.11a                     | 117     | 6535      | 8.0                       | 8.0                       | 8.0                   | 8.0                   | 11.0                        |
|                             | 121     | 6555      | 8.0                       | 8.0                       | 8.0                   | 8.0                   | 11.0                        |
|                             | 125     | 6575      | 8.0                       | 8.0                       | 8.0                   | 8.0                   | 11.0                        |
|                             | 129     | 6595      | 8.0                       | 8.0                       | 8.0                   | 8.0                   | 11.0                        |
|                             | 133     | 6615      | 8.0                       | 8.0                       | 8.0                   | 8.0                   | 11.0                        |
|                             | 137     | 6635      | 8.0                       | 8.0                       | 8.0                   | 8.0                   | 11.0                        |
|                             | 141     | 6655      | 8.0                       | 8.0                       | 8.0                   | 8.0                   | 11.0                        |
|                             | 145     | 6675      | 8.0                       | 8.0                       | 8.0                   | 8.0                   | 11.0                        |
|                             | 149     | 6695      | 8.0                       | 8.0                       | 8.0                   | 8.0                   | 11.0                        |
|                             | 153     | 6715      | 8.0                       | 8.0                       | 8.0                   | 8.0                   | 11.0                        |
|                             | 157     | 6735      | 8.0                       | 8.0                       | 8.0                   | 8.0                   | 11.0                        |
|                             | 161     | 6755      | 8.0                       | 8.0                       | 8.0                   | 8.0                   | 11.0                        |
|                             | 165     | 6775      | 8.0                       | 8.0                       | 8.0                   | 8.0                   | 11.0                        |
|                             | 169     | 6795      | 8.0                       | 8.0                       | 8.0                   | 8.0                   | 11.0                        |
|                             | 173     | 6815      | 8.0                       | 8.0                       | 8.0                   | 8.0                   | 11.0                        |
|                             | 177     | 6835      | 8.0                       | 8.0                       | 8.0                   | 8.0                   | 11.0                        |
| 802.11ax HE20               | 181     | 6855      | 8.0                       | 8.0                       | 8.0                   | 8.0                   | 11.0                        |
|                             | 117     | 6535      | 8.0                       | 8.0                       | 8.0                   | 8.0                   | 11.0                        |
|                             | 121     | 6555      | 8.0                       | 8.0                       | 8.0                   | 8.0                   | 11.0                        |
|                             | 125     | 6575      | 8.0                       | 8.0                       | 8.0                   | 8.0                   | 11.0                        |
|                             | 129     | 6595      | 8.0                       | 8.0                       | 8.0                   | 8.0                   | 11.0                        |
|                             | 133     | 6615      | 8.0                       | 8.0                       | 8.0                   | 8.0                   | 11.0                        |
|                             | 137     | 6635      | 8.0                       | 8.0                       | 8.0                   | 8.0                   | 11.0                        |
|                             | 141     | 6655      | 8.0                       | 8.0                       | 8.0                   | 8.0                   | 11.0                        |
|                             | 145     | 6675      | 8.0                       | 8.0                       | 8.0                   | 8.0                   | 11.0                        |
|                             | 149     | 6695      | 8.0                       | 8.0                       | 8.0                   | 8.0                   | 11.0                        |
|                             | 153     | 6715      | 8.0                       | 8.0                       | 8.0                   | 8.0                   | 11.0                        |
|                             | 157     | 6735      | 8.0                       | 8.0                       | 8.0                   | 8.0                   | 11.0                        |
|                             | 161     | 6755      | 8.0                       | 8.0                       | 8.0                   | 8.0                   | 11.0                        |
|                             | 165     | 6775      | 8.0                       | 8.0                       | 8.0                   | 8.0                   | 11.0                        |
|                             | 169     | 6795      | 8.0                       | 8.0                       | 8.0                   | 8.0                   | 11.0                        |
|                             | 173     | 6815      | 8.0                       | 8.0                       | 8.0                   | 8.0                   | 11.0                        |
| 802.11ax HE40               | 177     | 6835      | 8.0                       | 8.0                       | 8.0                   | 8.0                   | 11.0                        |
|                             | 181     | 6855      | 8.0                       | 8.0                       | 8.0                   | 8.0                   | 11.0                        |
|                             | 123     | 6565      | 8.0                       | 8.0                       | 8.0                   | 8.0                   | 11.0                        |
|                             | 131     | 6605      | 8.0                       | 8.0                       | 8.0                   | 8.0                   | 11.0                        |
|                             | 139     | 6645      | 8.0                       | 8.0                       | 8.0                   | 8.0                   | 11.0                        |
|                             | 147     | 6685      | 8.0                       | 8.0                       | 8.0                   | 8.0                   | 11.0                        |
|                             | 155     | 6725      | 8.0                       | 8.0                       | 8.0                   | 8.0                   | 11.0                        |
|                             | 163     | 6765      | 8.0                       | 8.0                       | 8.0                   | 8.0                   | 11.0                        |
| 802.11ax HE80               | 171     | 6805      | 8.0                       | 8.0                       | 8.0                   | 8.0                   | 11.0                        |
|                             | 179     | 6845      | 8.0                       | 8.0                       | 8.0                   | 8.0                   | 11.0                        |
|                             | 187     | 6885      | 5.5                       | 5.5                       | 5.5                   | 5.5                   | 8.5                         |
|                             | 135     | 6625      | 8.0                       | 8.0                       | 8.0                   | 8.0                   | 11.0                        |
| 802.11ax HE160              | 151     | 6705      | 8.0                       | 8.0                       | 8.0                   | 8.0                   | 11.0                        |
|                             | 167     | 6785      | 8.0                       | 8.0                       | 8.0                   | 8.0                   | 11.0                        |
|                             | 183     | 6865      | 8.0                       | 8.0                       | 8.0                   | 8.0                   | 11.0                        |
|                             | 143     | 6665      | 8.0                       | 8.0                       | 8.0                   | 8.0                   | 11.0                        |
|                             | 175     | 6825      | 8.0                       | 8.0                       | 8.0                   | 8.0                   | 11.0                        |

| Tune-up Power (Full) DBS ON |         |           |                           |                           |                       |                       |                             |
|-----------------------------|---------|-----------|---------------------------|---------------------------|-----------------------|-----------------------|-----------------------------|
| UNII-8                      |         |           |                           |                           |                       |                       |                             |
| Mode                        | Channel | Frequency | SISO Ant 1<br>Max Tune up | SISO Ant 2<br>Max Tune up | MIMO Ant 1<br>Tune up | MIMO Ant 2<br>Tune up | MIMO Ant 1+2<br>Max Tune up |
| 802.11a                     | 185     | 6875      | 1.5                       | 1.5                       | 1.5                   | 1.5                   | 4.5                         |
|                             | 189     | 6895      | 1.5                       | 1.5                       | 1.5                   | 1.5                   | 4.5                         |
|                             | 193     | 6915      | 1.5                       | 1.5                       | 1.5                   | 1.5                   | 4.5                         |
|                             | 197     | 6935      | 1.5                       | 1.5                       | 1.5                   | 1.5                   | 4.5                         |
|                             | 201     | 6955      | 1.5                       | 1.5                       | 1.5                   | 1.5                   | 4.5                         |
|                             | 205     | 6975      | 1.5                       | 1.5                       | 1.5                   | 1.5                   | 4.5                         |
|                             | 209     | 6995      | 1.5                       | 1.5                       | 1.5                   | 1.5                   | 4.5                         |
|                             | 213     | 7015      | 1.5                       | 1.5                       | 1.5                   | 1.5                   | 4.5                         |
|                             | 217     | 7035      | 1.5                       | 1.5                       | 1.5                   | 1.5                   | 4.5                         |
|                             | 221     | 7055      | 1.5                       | 1.5                       | 1.5                   | 1.5                   | 4.5                         |
|                             | 225     | 7075      | 1.5                       | 1.5                       | 1.5                   | 1.5                   | 4.5                         |
|                             | 229     | 7095      | 1.5                       | 1.5                       | 1.5                   | 1.5                   | 4.5                         |
|                             | 233     | 7115      | 1.0                       | 1.0                       | 1.0                   | 1.0                   | 4.0                         |
| 802.11ax HE20               | 185     | 6875      | 2.5                       | 2.5                       | 2.5                   | 2.5                   | 5.5                         |
|                             | 189     | 6895      | 2.5                       | 2.5                       | 2.5                   | 2.5                   | 5.5                         |
|                             | 193     | 6915      | 2.5                       | 2.5                       | 2.5                   | 2.5                   | 5.5                         |
|                             | 197     | 6935      | 2.5                       | 2.5                       | 2.5                   | 2.5                   | 5.5                         |
|                             | 201     | 6955      | 2.5                       | 2.5                       | 2.5                   | 2.5                   | 5.5                         |
|                             | 205     | 6975      | 2.5                       | 2.5                       | 2.5                   | 2.5                   | 5.5                         |
|                             | 209     | 6995      | 2.5                       | 2.5                       | 2.5                   | 2.5                   | 5.5                         |
|                             | 213     | 7015      | 2.5                       | 2.5                       | 2.5                   | 2.5                   | 5.5                         |
|                             | 217     | 7035      | 2.5                       | 2.5                       | 2.5                   | 2.5                   | 5.5                         |
|                             | 221     | 7055      | 2.5                       | 2.5                       | 2.5                   | 2.5                   | 5.5                         |
|                             | 225     | 7075      | 2.5                       | 2.5                       | 2.5                   | 2.5                   | 5.5                         |
|                             | 229     | 7095      | 2.5                       | 2.5                       | 2.5                   | 2.5                   | 5.5                         |
|                             | 233     | 7115      | -1.0                      | -1.0                      | -1.0                  | -1.0                  | 2.0                         |
| 802.11ax HE40               | 195     | 6925      | 5.5                       | 5.5                       | 5.5                   | 5.5                   | 8.5                         |
|                             | 203     | 6965      | 5.5                       | 5.5                       | 5.5                   | 5.5                   | 8.5                         |
|                             | 211     | 7005      | 5.5                       | 5.5                       | 5.5                   | 5.5                   | 8.5                         |
|                             | 219     | 7045      | 5.5                       | 5.5                       | 5.5                   | 5.5                   | 8.5                         |
|                             | 227     | 7085      | 5.5                       | 5.5                       | 5.5                   | 5.5                   | 8.5                         |
|                             | 235     | 7125      | 5.5                       | 5.5                       | 5.5                   | 5.5                   | 8.5                         |
| 802.11ax HE80               | 199     | 6945      | 8.0                       | 8.0                       | 8.0                   | 8.0                   | 11.0                        |
|                             | 215     | 7025      | 8.0                       | 8.0                       | 8.0                   | 8.0                   | 11.0                        |
| 802.11ax HE160              | 207     | 6985      | 8.0                       | 8.0                       | 8.0                   | 8.0                   | 11.0                        |

| Tune-up Power (Full)_VLP DBS OFF/ON |         |           |                           |                           |                       |                       |                             |
|-------------------------------------|---------|-----------|---------------------------|---------------------------|-----------------------|-----------------------|-----------------------------|
| UNII-5                              |         |           |                           |                           |                       |                       |                             |
| Mode                                | Channel | Frequency | SISO Ant 1<br>Max Tune up | SISO Ant 2<br>Max Tune up | MIMO Ant 1<br>Tune up | MIMO Ant 2<br>Tune up | MIMO Ant 1+2<br>Max Tune up |
| 802.11a                             | 1       | 5955      | -3.0                      | -3.0                      | -3.0                  | -3.0                  | 0.0                         |
|                                     | 5       | 5975      | -3.0                      | -3.0                      | -3.0                  | -3.0                  | 0.0                         |
|                                     | 9       | 5995      | -3.0                      | -3.0                      | -3.0                  | -3.0                  | 0.0                         |
|                                     | 13      | 6015      | -3.0                      | -3.0                      | -3.0                  | -3.0                  | 0.0                         |
|                                     | 17      | 6035      | -3.0                      | -3.0                      | -3.0                  | -3.0                  | 0.0                         |
|                                     | 21      | 6055      | -3.0                      | -3.0                      | -3.0                  | -3.0                  | 0.0                         |
|                                     | 25      | 6075      | -3.0                      | -3.0                      | -3.0                  | -3.0                  | 0.0                         |
|                                     | 29      | 6095      | -3.0                      | -3.0                      | -3.0                  | -3.0                  | 0.0                         |
|                                     | 33      | 6115      | -3.0                      | -3.0                      | -3.0                  | -3.0                  | 0.0                         |
|                                     | 37      | 6135      | -3.0                      | -3.0                      | -3.0                  | -3.0                  | 0.0                         |
|                                     | 41      | 6155      | -3.0                      | -3.0                      | -3.0                  | -3.0                  | 0.0                         |
|                                     | 45      | 6175      | -3.0                      | -3.0                      | -3.0                  | -3.0                  | 0.0                         |
|                                     | 49      | 6195      | -3.0                      | -3.0                      | -3.0                  | -3.0                  | 0.0                         |
|                                     | 53      | 6215      | -3.0                      | -3.0                      | -3.0                  | -3.0                  | 0.0                         |
|                                     | 57      | 6235      | -3.0                      | -3.0                      | -3.0                  | -3.0                  | 0.0                         |
|                                     | 61      | 6255      | -3.0                      | -3.0                      | -3.0                  | -3.0                  | 0.0                         |
|                                     | 65      | 6275      | -3.0                      | -3.0                      | -3.0                  | -3.0                  | 0.0                         |
|                                     | 69      | 6295      | -3.0                      | -3.0                      | -3.0                  | -3.0                  | 0.0                         |
|                                     | 73      | 6315      | -3.0                      | -3.0                      | -3.0                  | -3.0                  | 0.0                         |
|                                     | 77      | 6335      | -3.0                      | -3.0                      | -3.0                  | -3.0                  | 0.0                         |
| 802.11ax HE20                       | 81      | 6355      | -3.0                      | -3.0                      | -3.0                  | -3.0                  | 0.0                         |
|                                     | 85      | 6375      | -3.0                      | -3.0                      | -3.0                  | -3.0                  | 0.0                         |
|                                     | 89      | 6395      | -3.0                      | -3.0                      | -3.0                  | -3.0                  | 0.0                         |
|                                     | 93      | 6415      | -3.0                      | -3.0                      | -3.0                  | -3.0                  | 0.0                         |
|                                     | 1       | 5955      | -2.5                      | -2.5                      | -2.5                  | -2.5                  | 0.5                         |
|                                     | 5       | 5975      | -2.5                      | -2.5                      | -2.5                  | -2.5                  | 0.5                         |
|                                     | 9       | 5995      | -2.5                      | -2.5                      | -2.5                  | -2.5                  | 0.5                         |
|                                     | 13      | 6015      | -2.5                      | -2.5                      | -2.5                  | -2.5                  | 0.5                         |
|                                     | 17      | 6035      | -2.5                      | -2.5                      | -2.5                  | -2.5                  | 0.5                         |
|                                     | 21      | 6055      | -2.5                      | -2.5                      | -2.5                  | -2.5                  | 0.5                         |
|                                     | 25      | 6075      | -2.5                      | -2.5                      | -2.5                  | -2.5                  | 0.5                         |
|                                     | 29      | 6095      | -2.5                      | -2.5                      | -2.5                  | -2.5                  | 0.5                         |
|                                     | 33      | 6115      | -2.5                      | -2.5                      | -2.5                  | -2.5                  | 0.5                         |
|                                     | 37      | 6135      | -2.5                      | -2.5                      | -2.5                  | -2.5                  | 0.5                         |
|                                     | 41      | 6155      | -2.5                      | -2.5                      | -2.5                  | -2.5                  | 0.5                         |
|                                     | 45      | 6175      | -2.5                      | -2.5                      | -2.5                  | -2.5                  | 0.5                         |
|                                     | 49      | 6195      | -2.5                      | -2.5                      | -2.5                  | -2.5                  | 0.5                         |
|                                     | 53      | 6215      | -2.5                      | -2.5                      | -2.5                  | -2.5                  | 0.5                         |
|                                     | 57      | 6235      | -2.5                      | -2.5                      | -2.5                  | -2.5                  | 0.5                         |
|                                     | 61      | 6255      | -2.5                      | -2.5                      | -2.5                  | -2.5                  | 0.5                         |
| 802.11ax HE40                       | 65      | 6275      | -2.5                      | -2.5                      | -2.5                  | -2.5                  | 0.5                         |
|                                     | 69      | 6295      | -2.5                      | -2.5                      | -2.5                  | -2.5                  | 0.5                         |
|                                     | 73      | 6315      | -2.5                      | -2.5                      | -2.5                  | -2.5                  | 0.5                         |
|                                     | 77      | 6335      | -2.5                      | -2.5                      | -2.5                  | -2.5                  | 0.5                         |
|                                     | 81      | 6355      | -2.5                      | -2.5                      | -2.5                  | -2.5                  | 0.5                         |
|                                     | 85      | 6375      | -2.5                      | -2.5                      | -2.5                  | -2.5                  | 0.5                         |
|                                     | 89      | 6395      | -2.5                      | -2.5                      | -2.5                  | -2.5                  | 0.5                         |
|                                     | 93      | 6415      | -2.5                      | -2.5                      | -2.5                  | -2.5                  | 0.5                         |
|                                     | 3       | 5965      | 1.0                       | 1.0                       | 1.0                   | 1.0                   | 4.0                         |
|                                     | 11      | 6005      | 1.0                       | 1.0                       | 1.0                   | 1.0                   | 4.0                         |
|                                     | 19      | 6045      | 1.0                       | 1.0                       | 1.0                   | 1.0                   | 4.0                         |
|                                     | 27      | 6085      | 1.0                       | 1.0                       | 1.0                   | 1.0                   | 4.0                         |
| 802.11ax HE80                       | 35      | 6125      | 1.0                       | 1.0                       | 1.0                   | 1.0                   | 4.0                         |
|                                     | 43      | 6165      | 1.0                       | 1.0                       | 1.0                   | 1.0                   | 4.0                         |
|                                     | 51      | 6205      | 1.0                       | 1.0                       | 1.0                   | 1.0                   | 4.0                         |
|                                     | 59      | 6245      | 1.0                       | 1.0                       | 1.0                   | 1.0                   | 4.0                         |
|                                     | 67      | 6285      | 1.0                       | 1.0                       | 1.0                   | 1.0                   | 4.0                         |
|                                     | 75      | 6325      | 1.0                       | 1.0                       | 1.0                   | 1.0                   | 4.0                         |
|                                     | 83      | 6365      | 1.0                       | 1.0                       | 1.0                   | 1.0                   | 4.0                         |
|                                     | 91      | 6405      | 1.0                       | 1.0                       | 1.0                   | 1.0                   | 4.0                         |
| 802.11ax HE160                      | 7       | 5985      | 4.0                       | 4.0                       | 4.0                   | 4.0                   | 7.0                         |
|                                     | 23      | 6065      | 4.0                       | 4.0                       | 4.0                   | 4.0                   | 7.0                         |
|                                     | 39      | 6145      | 4.0                       | 4.0                       | 4.0                   | 4.0                   | 7.0                         |
|                                     | 55      | 6225      | 4.0                       | 4.0                       | 4.0                   | 4.0                   | 7.0                         |
|                                     | 71      | 6305      | 4.0                       | 4.0                       | 4.0                   | 4.0                   | 7.0                         |
|                                     | 87      | 6385      | 4.0                       | 4.0                       | 4.0                   | 4.0                   | 7.0                         |
|                                     | 15      | 6025      | 4.0                       | 4.0                       | 4.0                   | 4.0                   | 7.0                         |
|                                     | 47      | 6185      | 4.0                       | 4.0                       | 4.0                   | 4.0                   | 7.0                         |
|                                     | 79      | 6345      | 4.0                       | 4.0                       | 4.0                   | 4.0                   | 7.0                         |

| Tune-up Power (Full)_VLP DBS OFF/ON |         |           |                           |                           |                       |                       |                             |
|-------------------------------------|---------|-----------|---------------------------|---------------------------|-----------------------|-----------------------|-----------------------------|
| UNII-7                              |         |           |                           |                           |                       |                       |                             |
| Mode                                | Channel | Frequency | SISO Ant 1<br>Max Tune up | SISO Ant 2<br>Max Tune up | MIMO Ant 1<br>Tune up | MIMO Ant 2<br>Tune up | MIMO Ant 1+2<br>Max Tune up |
| 802.11a                             | 117     | 6535      | -3.0                      | -3.0                      | -3.0                  | -3.0                  | 0.0                         |
|                                     | 121     | 6555      | -3.0                      | -3.0                      | -3.0                  | -3.0                  | 0.0                         |
|                                     | 125     | 6575      | -3.0                      | -3.0                      | -3.0                  | -3.0                  | 0.0                         |
|                                     | 129     | 6595      | -3.0                      | -3.0                      | -3.0                  | -3.0                  | 0.0                         |
|                                     | 133     | 6615      | -3.0                      | -3.0                      | -3.0                  | -3.0                  | 0.0                         |
|                                     | 137     | 6635      | -3.0                      | -3.0                      | -3.0                  | -3.0                  | 0.0                         |
|                                     | 141     | 6655      | -3.0                      | -3.0                      | -3.0                  | -3.0                  | 0.0                         |
|                                     | 145     | 6675      | -3.0                      | -3.0                      | -3.0                  | -3.0                  | 0.0                         |
|                                     | 149     | 6695      | -3.0                      | -3.0                      | -3.0                  | -3.0                  | 0.0                         |
|                                     | 153     | 6715      | -3.0                      | -3.0                      | -3.0                  | -3.0                  | 0.0                         |
|                                     | 157     | 6735      | -3.0                      | -3.0                      | -3.0                  | -3.0                  | 0.0                         |
|                                     | 161     | 6755      | -3.0                      | -3.0                      | -3.0                  | -3.0                  | 0.0                         |
|                                     | 165     | 6775      | -3.0                      | -3.0                      | -3.0                  | -3.0                  | 0.0                         |
|                                     | 169     | 6795      | -3.0                      | -3.0                      | -3.0                  | -3.0                  | 0.0                         |
|                                     | 173     | 6815      | -3.0                      | -3.0                      | -3.0                  | -3.0                  | 0.0                         |
|                                     | 177     | 6835      | -3.0                      | -3.0                      | -3.0                  | -3.0                  | 0.0                         |
|                                     | 181     | 6855      | -3.0                      | -3.0                      | -3.0                  | -3.0                  | 0.0                         |
| 802.11ax HE20                       | 117     | 6535      | -2.5                      | -2.5                      | -2.5                  | -2.5                  | 0.5                         |
|                                     | 121     | 6555      | -2.5                      | -2.5                      | -2.5                  | -2.5                  | 0.5                         |
|                                     | 125     | 6575      | -2.5                      | -2.5                      | -2.5                  | -2.5                  | 0.5                         |
|                                     | 129     | 6595      | -2.5                      | -2.5                      | -2.5                  | -2.5                  | 0.5                         |
|                                     | 133     | 6615      | -2.5                      | -2.5                      | -2.5                  | -2.5                  | 0.5                         |
|                                     | 137     | 6635      | -2.5                      | -2.5                      | -2.5                  | -2.5                  | 0.5                         |
|                                     | 141     | 6655      | -2.5                      | -2.5                      | -2.5                  | -2.5                  | 0.5                         |
|                                     | 145     | 6675      | -2.5                      | -2.5                      | -2.5                  | -2.5                  | 0.5                         |
|                                     | 149     | 6695      | -2.5                      | -2.5                      | -2.5                  | -2.5                  | 0.5                         |
|                                     | 153     | 6715      | -2.5                      | -2.5                      | -2.5                  | -2.5                  | 0.5                         |
|                                     | 157     | 6735      | -2.5                      | -2.5                      | -2.5                  | -2.5                  | 0.5                         |
|                                     | 161     | 6755      | -2.5                      | -2.5                      | -2.5                  | -2.5                  | 0.5                         |
|                                     | 165     | 6775      | -2.5                      | -2.5                      | -2.5                  | -2.5                  | 0.5                         |
|                                     | 169     | 6795      | -2.5                      | -2.5                      | -2.5                  | -2.5                  | 0.5                         |
|                                     | 173     | 6815      | -2.5                      | -2.5                      | -2.5                  | -2.5                  | 0.5                         |
|                                     | 177     | 6835      | -2.5                      | -2.5                      | -2.5                  | -2.5                  | 0.5                         |
|                                     | 181     | 6855      | -2.5                      | -2.5                      | -2.5                  | -2.5                  | 0.5                         |
| 802.11ax HE40                       | 123     | 6565      | 1.0                       | 1.0                       | 1.0                   | 1.0                   | 4.0                         |
|                                     | 131     | 6605      | 1.0                       | 1.0                       | 1.0                   | 1.0                   | 4.0                         |
|                                     | 139     | 6645      | 1.0                       | 1.0                       | 1.0                   | 1.0                   | 4.0                         |
|                                     | 147     | 6685      | 1.0                       | 1.0                       | 1.0                   | 1.0                   | 4.0                         |
|                                     | 155     | 6725      | 1.0                       | 1.0                       | 1.0                   | 1.0                   | 4.0                         |
|                                     | 163     | 6765      | 1.0                       | 1.0                       | 1.0                   | 1.0                   | 4.0                         |
|                                     | 171     | 6805      | 1.0                       | 1.0                       | 1.0                   | 1.0                   | 4.0                         |
|                                     | 179     | 6845      | 1.0                       | 1.0                       | 1.0                   | 1.0                   | 4.0                         |
| 802.11ax HE80                       | 135     | 6625      | 4.0                       | 4.0                       | 4.0                   | 4.0                   | 7.0                         |
|                                     | 151     | 6705      | 4.0                       | 4.0                       | 4.0                   | 4.0                   | 7.0                         |
|                                     | 167     | 6785      | 4.0                       | 4.0                       | 4.0                   | 4.0                   | 7.0                         |
| 802.11ax HE160                      | 143     | 6665      | 4.0                       | 4.0                       | 4.0                   | 4.0                   | 7.0                         |

## Appendix E. Measured Conducted Power Result

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

| Conducted Power (Full) DBS OFF |         |           |                          |
|--------------------------------|---------|-----------|--------------------------|
| WLAN2.4GHz Ant 1               |         |           |                          |
| Mode                           | Channel | Frequency | SISO Ant 1<br>Avg. Power |
| 802.11b                        | 1       | 2412      | 10.92                    |
|                                | 6       | 2437      | 10.96                    |
|                                | 11      | 2462      | 10.93                    |
|                                | 12      | 2467      | 10.85                    |
|                                | 13      | 2472      | 10.81                    |
| 802.11g                        | 1       | 2412      | 10.76                    |
|                                | 6       | 2437      | 10.69                    |
|                                | 11      | 2462      | 10.7                     |
|                                | 12      | 2467      | 10.67                    |
|                                | 13      | 2472      | 3.69                     |
| 802.11n HT20                   | 1       | 2412      | 10.74                    |
|                                | 6       | 2437      | 10.68                    |
|                                | 11      | 2462      | 10.69                    |
|                                | 12      | 2467      | 10.8                     |
|                                | 13      | 2472      | 3.26                     |
| 802.11n HT40                   | 3       | 2422      | 10.79                    |
|                                | 6       | 2437      | 10.79                    |
|                                | 9       | 2452      | 10.66                    |
|                                | 10      | 2457      | 10.66                    |
|                                | 11      | 2462      | 5.22                     |
| VHT20                          | 1       | 2412      | 10.71                    |
|                                | 6       | 2437      | 10.79                    |
|                                | 11      | 2462      | 10.67                    |
|                                | 12      | 2467      | 10.77                    |
|                                | 13      | 2472      | 3.16                     |
| VHT40                          | 3       | 2422      | 10.73                    |
|                                | 6       | 2437      | 10.66                    |
|                                | 9       | 2452      | 10.73                    |
|                                | 10      | 2457      | 10.72                    |
|                                | 11      | 2462      | 5.28                     |
| 802.11ax HE20                  | 1       | 2412      | 10.66                    |
|                                | 6       | 2437      | 10.66                    |
|                                | 11      | 2462      | 10.74                    |
|                                | 12      | 2467      | 10.72                    |
|                                | 13      | 2472      | 3.26                     |
| 802.11ax HE40                  | 3       | 2422      | 10.74                    |
|                                | 6       | 2437      | 10.68                    |
|                                | 9       | 2452      | 10.78                    |
|                                | 10      | 2457      | 10.74                    |
|                                | 11      | 2462      | 5.19                     |

| Conducted Power (Full) DBS OFF |         |           |                          |
|--------------------------------|---------|-----------|--------------------------|
| WLAN2.4GHz Ant 2               |         |           |                          |
| Mode                           | Channel | Frequency | SISO Ant 2<br>Avg. Power |
| 802.11b                        | 1       | 2412      | 10.91                    |
|                                | 6       | 2437      | 10.94                    |
|                                | 11      | 2462      | 10.89                    |
|                                | 12      | 2467      | 10.83                    |
|                                | 13      | 2472      | 10.86                    |
| 802.11g                        | 1       | 2412      | 10.66                    |
|                                | 6       | 2437      | 10.78                    |
|                                | 11      | 2462      | 10.62                    |
|                                | 12      | 2467      | 10.73                    |
|                                | 13      | 2472      | 3.7                      |
| 802.11n HT20                   | 1       | 2412      | 10.73                    |
|                                | 6       | 2437      | 10.64                    |
|                                | 11      | 2462      | 10.79                    |
|                                | 12      | 2467      | 10.71                    |
|                                | 13      | 2472      | 3.13                     |
| 802.11n HT40                   | 3       | 2422      | 10.65                    |
|                                | 6       | 2437      | 10.63                    |
|                                | 9       | 2452      | 10.63                    |
|                                | 10      | 2457      | 10.78                    |
|                                | 11      | 2462      | 5.28                     |
| VHT20                          | 1       | 2412      | 10.7                     |
|                                | 6       | 2437      | 10.64                    |
|                                | 11      | 2462      | 10.62                    |
|                                | 12      | 2467      | 10.64                    |
|                                | 13      | 2472      | 3.28                     |
| VHT40                          | 3       | 2422      | 10.71                    |
|                                | 6       | 2437      | 10.7                     |
|                                | 9       | 2452      | 10.65                    |
|                                | 10      | 2457      | 10.79                    |
|                                | 11      | 2462      | 5.14                     |
| 802.11ax HE20                  | 1       | 2412      | 10.66                    |
|                                | 6       | 2437      | 10.73                    |
|                                | 11      | 2462      | 10.75                    |
|                                | 12      | 2467      | 10.71                    |
|                                | 13      | 2472      | 3.11                     |
| 802.11ax HE40                  | 3       | 2422      | 10.69                    |
|                                | 6       | 2437      | 10.71                    |
|                                | 9       | 2452      | 10.75                    |
|                                | 10      | 2457      | 10.6                     |
|                                | 11      | 2462      | 5.11                     |

| Conducted Power (Full) DBS OFF |         |           |                          |                          |                            |
|--------------------------------|---------|-----------|--------------------------|--------------------------|----------------------------|
| WLAN2.4GHz Ant 1+2             |         |           |                          |                          |                            |
| Mode                           | Channel | Frequency | MIMO Ant 1<br>Avg. Power | MIMO Ant 2<br>Avg. Power | MIMO Ant 1+2<br>Avg. Power |
| 802.11b                        | 1       | 2412      | 10.35                    | 10.71                    | 13.54                      |
|                                | 6       | 2437      | 10.46                    | 10.92                    | 13.71                      |
|                                | 11      | 2462      | 10.32                    | 10.86                    | 13.61                      |
|                                | 12      | 2467      | 10.35                    | 10.75                    | 13.56                      |
|                                | 13      | 2472      | 10.54                    | 10.83                    | 13.70                      |
| 802.11g                        | 1       | 2412      | 10.28                    | 10.59                    | 13.45                      |
|                                | 6       | 2437      | 10.3                     | 10.61                    | 13.47                      |
|                                | 11      | 2462      | 10.29                    | 10.56                    | 13.44                      |
|                                | 12      | 2467      | 10.25                    | 10.64                    | 13.46                      |
|                                | 13      | 2472      | 3.3                      | 3.59                     | 6.46                       |
| 802.11n HT20                   | 1       | 2412      | 10.1                     | 10.6                     | 13.37                      |
|                                | 6       | 2437      | 10.16                    | 10.5                     | 13.34                      |
|                                | 11      | 2462      | 10.14                    | 10.7                     | 13.44                      |
|                                | 12      | 2467      | 10.26                    | 10.57                    | 13.43                      |
|                                | 13      | 2472      | 2.55                     | 3.18                     | 5.89                       |
| 802.11n HT40                   | 3       | 2422      | 10.12                    | 10.63                    | 13.39                      |
|                                | 6       | 2437      | 10.14                    | 10.66                    | 13.42                      |
|                                | 9       | 2452      | 10.06                    | 10.63                    | 13.36                      |
|                                | 10      | 2457      | 10.19                    | 10.69                    | 13.46                      |
|                                | 11      | 2462      | 4.69                     | 5.09                     | 7.90                       |
| VHT20                          | 1       | 2412      | 10.06                    | 10.65                    | 13.38                      |
|                                | 6       | 2437      | 10.12                    | 10.69                    | 13.42                      |
|                                | 11      | 2462      | 10.22                    | 10.66                    | 13.46                      |
|                                | 12      | 2467      | 10.1                     | 10.54                    | 13.34                      |
|                                | 13      | 2472      | 2.57                     | 3.14                     | 5.87                       |
| VHT40                          | 3       | 2422      | 10.27                    | 10.7                     | 13.50                      |
|                                | 6       | 2437      | 10.29                    | 10.57                    | 13.44                      |
|                                | 9       | 2452      | 10.22                    | 10.62                    | 13.43                      |
|                                | 10      | 2457      | 10.1                     | 10.68                    | 13.41                      |
|                                | 11      | 2462      | 4.63                     | 5.04                     | 7.85                       |
| 802.11ax HE20                  | 1       | 2412      | 10.08                    | 10.7                     | 13.41                      |
|                                | 6       | 2437      | 10.11                    | 10.56                    | 13.35                      |
|                                | 11      | 2462      | 10.13                    | 10.52                    | 13.34                      |
|                                | 12      | 2467      | 10.15                    | 10.57                    | 13.38                      |
|                                | 13      | 2472      | 2.59                     | 3.19                     | 5.91                       |
| 802.11ax HE40                  | 3       | 2422      | 10.14                    | 10.56                    | 13.37                      |
|                                | 6       | 2437      | 10.19                    | 10.52                    | 13.37                      |
|                                | 9       | 2452      | 10.3                     | 10.55                    | 13.44                      |
|                                | 10      | 2457      | 10.08                    | 10.5                     | 13.31                      |
|                                | 11      | 2462      | 4.68                     | 5.01                     | 7.86                       |

| Conducted Power (Full) DBS OFF |         |           |                          |
|--------------------------------|---------|-----------|--------------------------|
| Bluetooth Ant 2                |         |           |                          |
| Mode                           | Channel | Frequency | SISO Ant 2<br>Avg. Power |
| BR / EDR                       | 0       | 2402      | 9.48                     |
|                                | 39      | 2441      | 9.47                     |
|                                | 78      | 2480      | 9.38                     |
| LE                             | 0       | 2402      | 9.12                     |
|                                | 19      | 2440      | 9.37                     |
|                                | 39      | 2480      | 9.35                     |

| Conducted Power (Full)_DBS OFF |         |           |                          |
|--------------------------------|---------|-----------|--------------------------|
| WLAN 5.2GHz Ant 1              |         |           |                          |
| Mode                           | Channel | Frequency | SISO Ant 1<br>Avg. Power |
| 802.11a                        | 36      | 5180      | 12.78                    |
|                                | 40      | 5200      | 12.78                    |
|                                | 44      | 5220      | 12.75                    |
|                                | 48      | 5240      | 12.77                    |
| 802.11n HT20                   | 36      | 5180      | 12.72                    |
|                                | 40      | 5200      | 12.76                    |
|                                | 44      | 5220      | 12.79                    |
|                                | 48      | 5240      | 12.79                    |
| 802.11n HT40                   | 38      | 5190      | 12.81                    |
|                                | 46      | 5230      | 12.81                    |
| 802.11ac VHT20                 | 36      | 5180      | 12.8                     |
|                                | 40      | 5200      | 12.7                     |
|                                | 44      | 5220      | 12.69                    |
|                                | 48      | 5240      | 12.74                    |
| 802.11ac VHT40                 | 38      | 5190      | 12.69                    |
|                                | 46      | 5230      | 12.81                    |
| 802.11ac VHT80                 | 42      | 5210      | 12.82                    |
| 802.11ax HE20                  | 36      | 5180      | 12.57                    |
|                                | 40      | 5200      | 12.55                    |
|                                | 44      | 5220      | 12.46                    |
|                                | 48      | 5240      | 12.63                    |
| 802.11ax HE40                  | 38      | 5190      | 12.57                    |
|                                | 46      | 5230      | 12.48                    |
| 802.11ax HE80                  | 42      | 5210      | 12.61                    |

| Conducted Power (Full)_DBS OFF |         |           |                          |
|--------------------------------|---------|-----------|--------------------------|
| WLAN 5.2GHz Ant 2              |         |           |                          |
| Mode                           | Channel | Frequency | SISO Ant 2<br>Avg. Power |
| 802.11a                        | 36      | 5180      | 12.58                    |
|                                | 40      | 5200      | 12.62                    |
|                                | 44      | 5220      | 12.55                    |
|                                | 48      | 5240      | 12.63                    |
| 802.11n HT20                   | 36      | 5180      | 12.52                    |
|                                | 40      | 5200      | 12.56                    |
|                                | 44      | 5220      | 12.59                    |
|                                | 48      | 5240      | 12.59                    |
| 802.11n HT40                   | 38      | 5190      | 12.61                    |
|                                | 46      | 5230      | 12.61                    |
| 802.11ac VHT20                 | 36      | 5180      | 12.64                    |
|                                | 40      | 5200      | 12.5                     |
|                                | 44      | 5220      | 12.49                    |
|                                | 48      | 5240      | 12.54                    |
| 802.11ac VHT40                 | 38      | 5190      | 12.49                    |
|                                | 46      | 5230      | 12.61                    |
| 802.11ac VHT80                 | 42      | 5210      | 12.71                    |
| 802.11ax HE20                  | 36      | 5180      | 12.47                    |
|                                | 40      | 5200      | 12.52                    |
|                                | 44      | 5220      | 12.47                    |
|                                | 48      | 5240      | 12.58                    |
| 802.11ax HE40                  | 38      | 5190      | 12.51                    |
|                                | 46      | 5230      | 12.54                    |
| 802.11ax HE80                  | 42      | 5210      | 12.48                    |

| Conducted Power (Full)_DBS OFF |         |           |                          |                          |                            |
|--------------------------------|---------|-----------|--------------------------|--------------------------|----------------------------|
| WLAN 5.2GHz Ant 1+2            |         |           |                          |                          |                            |
| Mode                           | Channel | Frequency | MIMO Ant 1<br>Avg. Power | MIMO Ant 2<br>Avg. Power | MIMO Ant 1+2<br>Avg. Power |
| 802.11a                        | 36      | 5180      | 12.18                    | 12.17                    | 15.19                      |
|                                | 40      | 5200      | 12.22                    | 12.15                    | 15.2                       |
|                                | 44      | 5220      | 12.15                    | 12.06                    | 15.12                      |
|                                | 48      | 5240      | 12.23                    | 12.23                    | 15.24                      |
| 802.11n HT20                   | 36      | 5180      | 12.12                    | 12.17                    | 15.16                      |
|                                | 40      | 5200      | 12.16                    | 12.08                    | 15.13                      |
|                                | 44      | 5220      | 12.19                    | 12.21                    | 15.21                      |
|                                | 48      | 5240      | 12.19                    | 12.21                    | 15.21                      |
| 802.11n HT40                   | 38      | 5190      | 12.21                    | 12.2                     | 15.22                      |
|                                | 46      | 5230      | 12.21                    | 12.24                    | 15.24                      |
| 802.11ac VHT20                 | 36      | 5180      | 12.24                    | 12.09                    | 15.18                      |
|                                | 40      | 5200      | 12.1                     | 12.14                    | 15.13                      |
|                                | 44      | 5220      | 12.09                    | 12.1                     | 15.11                      |
|                                | 48      | 5240      | 12.14                    | 12.25                    | 15.21                      |
| 802.11ac VHT40                 | 38      | 5190      | 12.09                    | 12.1                     | 15.11                      |
|                                | 46      | 5230      | 12.21                    | 12.19                    | 15.21                      |
| 802.11ac VHT80                 | 42      | 5210      | 12.86                    | 11.92                    | 15.43                      |
| 802.11ax HE20                  | 36      | 5180      | 12.11                    | 12.19                    | 15.16                      |
|                                | 40      | 5200      | 12.21                    | 12.24                    | 15.24                      |
|                                | 44      | 5220      | 12.12                    | 12.07                    | 15.11                      |
|                                | 48      | 5240      | 12.1                     | 12.05                    | 15.09                      |
| 802.11ax HE40                  | 38      | 5190      | 12.23                    | 12.22                    | 15.24                      |
|                                | 46      | 5230      | 12.09                    | 12.06                    | 15.09                      |
| 802.11ax HE80                  | 42      | 5210      | 12.17                    | 12.11                    | 15.15                      |

| Conducted Power (Full) DBS OFF |         |           |                          |
|--------------------------------|---------|-----------|--------------------------|
| WLAN 5.3GHz Ant 1              |         |           |                          |
| Mode                           | Channel | Frequency | SISO Ant 1<br>Avg. Power |
| 802.11a                        | 52      | 5260      | 12.84                    |
|                                | 56      | 5280      | 12.78                    |
|                                | 60      | 5300      | 12.7                     |
|                                | 64      | 5320      | 12.76                    |
| 802.11n HT20                   | 52      | 5260      | 12.72                    |
|                                | 56      | 5280      | 12.72                    |
|                                | 60      | 5300      | 12.65                    |
|                                | 64      | 5320      | 12.77                    |
| 802.11n HT40                   | 54      | 5270      | 12.73                    |
|                                | 62      | 5310      | 12.66                    |
| 802.11ac VHT20                 | 52      | 5260      | 12.68                    |
|                                | 56      | 5280      | 12.67                    |
|                                | 60      | 5300      | 12.68                    |
|                                | 64      | 5320      | 12.71                    |
| 802.11ac VHT40                 | 54      | 5270      | 12.72                    |
|                                | 62      | 5310      | 12.78                    |
| 802.11ac VHT80                 | 58      | 5290      | 12.65                    |
| 802.11ac VHT160                | 50      | 5250      | 12.86                    |
| 802.11ax HE20                  | 52      | 5260      | 12.69                    |
|                                | 56      | 5280      | 12.73                    |
|                                | 60      | 5300      | 12.7                     |
|                                | 64      | 5320      | 12.72                    |
| 802.11ax HE40                  | 54      | 5270      | 12.66                    |
|                                | 62      | 5310      | 12.67                    |
| 802.11ax HE80                  | 58      | 5290      | 12.82                    |
| 802.11ax HE160                 | 50      | 5250      | 12.81                    |

| Conducted Power (Full) DBS OFF |         |           |                          |
|--------------------------------|---------|-----------|--------------------------|
| WLAN 5.3GHz Ant 2              |         |           |                          |
| Mode                           | Channel | Frequency | SISO Ant 2<br>Avg. Power |
| 802.11a                        | 52      | 5260      | 12.47                    |
|                                | 56      | 5280      | 12.61                    |
|                                | 60      | 5300      | 12.55                    |
|                                | 64      | 5320      | 12.62                    |
| 802.11n HT20                   | 52      | 5260      | 12.64                    |
|                                | 56      | 5280      | 12.51                    |
|                                | 60      | 5300      | 12.58                    |
|                                | 64      | 5320      | 12.51                    |
| 802.11n HT40                   | 54      | 5270      | 12.47                    |
|                                | 62      | 5310      | 12.48                    |
| 802.11ac VHT20                 | 52      | 5260      | 12.56                    |
|                                | 56      | 5280      | 12.53                    |
|                                | 60      | 5300      | 12.62                    |
|                                | 64      | 5320      | 12.47                    |
| 802.11ac VHT40                 | 54      | 5270      | 12.51                    |
|                                | 62      | 5310      | 12.58                    |
| 802.11ac VHT80                 | 58      | 5290      | 12.6                     |
| 802.11ac VHT160                | 50      | 5250      | 12.76                    |
| 802.11ax HE20                  | 52      | 5260      | 12.49                    |
|                                | 56      | 5280      | 12.5                     |
|                                | 60      | 5300      | 12.61                    |
|                                | 64      | 5320      | 12.57                    |
| 802.11ax HE40                  | 54      | 5270      | 12.52                    |
|                                | 62      | 5310      | 12.57                    |
| 802.11ax HE80                  | 58      | 5290      | 12.48                    |
| 802.11ax HE160                 | 50      | 5250      | 12.57                    |

| Conducted Power (Full) DBS OFF |         |           |                          |                          |                            |
|--------------------------------|---------|-----------|--------------------------|--------------------------|----------------------------|
| WLAN 5.3GHz Ant 1+2            |         |           |                          |                          |                            |
| Mode                           | Channel | Frequency | MIMO Ant 1<br>Avg. Power | MIMO Ant 2<br>Avg. Power | MIMO Ant 1+2<br>Avg. Power |
| 802.11a                        | 52      | 5260      | 12.31                    | 12.29                    | 15.31                      |
|                                | 56      | 5280      | 12.25                    | 12.33                    | 15.3                       |
|                                | 60      | 5300      | 12.3                     | 12.3                     | 15.31                      |
|                                | 64      | 5320      | 12.35                    | 12.32                    | 15.35                      |
| 802.11n HT20                   | 52      | 5260      | 12.3                     | 12.26                    | 15.29                      |
|                                | 56      | 5280      | 12.26                    | 12.27                    | 15.28                      |
|                                | 60      | 5300      | 12.32                    | 12.42                    | 15.38                      |
|                                | 64      | 5320      | 12.44                    | 12.41                    | 15.44                      |
| 802.11n HT40                   | 54      | 5270      | 12.45                    | 12.37                    | 15.42                      |
|                                | 62      | 5310      | 12.31                    | 12.27                    | 15.3                       |
| 802.11ac VHT20                 | 52      | 5260      | 12.44                    | 12.41                    | 15.44                      |
|                                | 56      | 5280      | 12.37                    | 12.37                    | 15.38                      |
|                                | 60      | 5300      | 12.28                    | 12.45                    | 15.38                      |
|                                | 64      | 5320      | 12.28                    | 12.36                    | 15.33                      |
| 802.11ac VHT40                 | 54      | 5270      | 12.39                    | 12.34                    | 15.38                      |
|                                | 62      | 5310      | 12.31                    | 12.31                    | 15.32                      |
| 802.11ac VHT80                 | 58      | 5290      | 12.35                    | 12.27                    | 15.32                      |
| 802.11ac VHT160                | 50      | 5250      | 12.98                    | 12.12                    | 15.58                      |
| 802.11ax HE20                  | 52      | 5260      | 12.35                    | 12.41                    | 15.39                      |
|                                | 56      | 5280      | 12.45                    | 12.34                    | 15.41                      |
|                                | 60      | 5300      | 12.38                    | 12.38                    | 15.39                      |
|                                | 64      | 5320      | 12.38                    | 12.25                    | 15.33                      |
| 802.11ax HE40                  | 54      | 5270      | 12.43                    | 12.33                    | 15.39                      |
|                                | 62      | 5310      | 12.26                    | 12.39                    | 15.34                      |
| 802.11ax HE80                  | 58      | 5290      | 12.45                    | 12.38                    | 15.43                      |
| 802.11ax HE160                 | 50      | 5250      | 12.41                    | 12.42                    | 15.43                      |

| Conducted Power (Full) DBS OFF |         |           |                          |
|--------------------------------|---------|-----------|--------------------------|
| WLAN 5.6GHz Ant 1              |         |           |                          |
| Mode                           | Channel | Frequency | SISO Ant 1<br>Avg. Power |
| 802.11a                        | 100     | 5500      | 11.21                    |
|                                | 116     | 5580      | 11.26                    |
|                                | 120     | 5600      | 11.18                    |
|                                | 124     | 5620      | 11.24                    |
|                                | 132     | 5660      | 11.23                    |
|                                | 140     | 5700      | 11.06                    |
|                                | 144     | 5720      | 11.25                    |
| 802.11n HT20                   | 100     | 5500      | 11.1                     |
|                                | 116     | 5580      | 11.19                    |
|                                | 120     | 5600      | 11.17                    |
|                                | 124     | 5620      | 11.11                    |
|                                | 132     | 5660      | 11.25                    |
|                                | 140     | 5700      | 11.26                    |
|                                | 144     | 5720      | 11.24                    |
| 802.11n HT40                   | 102     | 5510      | 11.28                    |
|                                | 110     | 5550      | 11.06                    |
|                                | 118     | 5590      | 11.13                    |
|                                | 126     | 5630      | 11.12                    |
|                                | 134     | 5670      | 11.16                    |
|                                | 142     | 5710      | 11.27                    |
| 802.11ac VHT20                 | 100     | 5500      | 11.16                    |
|                                | 116     | 5580      | 11.09                    |
|                                | 120     | 5600      | 11.16                    |
|                                | 124     | 5620      | 11.3                     |
|                                | 132     | 5660      | 11.25                    |
|                                | 140     | 5700      | 11.19                    |
|                                | 144     | 5720      | 11.21                    |
| 802.11ac VHT40                 | 102     | 5510      | 11.17                    |
|                                | 110     | 5550      | 11.19                    |
|                                | 118     | 5590      | 11.11                    |
|                                | 126     | 5630      | 11.06                    |
|                                | 134     | 5670      | 11.3                     |
|                                | 142     | 5710      | 11.23                    |
| 802.11ac VHT80                 | 106     | 5530      | 11.17                    |
|                                | 122     | 5610      | 11.2                     |
|                                | 138     | 5690      | 11.07                    |
| 802.11ac VHT160                | 114     | 5570      | 11.49                    |
| 802.11ax HE20                  | 100     | 5500      | 11.3                     |
|                                | 116     | 5580      | 11.1                     |
|                                | 120     | 5600      | 11.29                    |
|                                | 124     | 5620      | 11.15                    |
|                                | 132     | 5660      | 11.1                     |
|                                | 140     | 5700      | 11.19                    |
|                                | 144     | 5720      | 11.17                    |
| 802.11ax HE40                  | 102     | 5510      | 11.1                     |
|                                | 110     | 5550      | 11.1                     |
|                                | 118     | 5590      | 11.13                    |
|                                | 126     | 5630      | 11.2                     |
|                                | 134     | 5670      | 11.07                    |
|                                | 142     | 5710      | 11.17                    |
| 802.11ax HE80                  | 106     | 5530      | 11.07                    |
|                                | 122     | 5610      | 11.23                    |
|                                | 138     | 5690      | 11.23                    |
| 802.11ax HE160                 | 114     | 5570      | 11.27                    |

| Conducted Power (Full) DBS OFF |         |           |                          |
|--------------------------------|---------|-----------|--------------------------|
| WLAN 5.6GHz Ant 2              |         |           |                          |
| Mode                           | Channel | Frequency | SISO Ant 2<br>Avg. Power |
| 802.11a                        | 100     | 5500      | 11.19                    |
|                                | 116     | 5580      | 11.34                    |
|                                | 120     | 5600      | 11.29                    |
|                                | 124     | 5620      | 11.31                    |
|                                | 132     | 5660      | 11.25                    |
|                                | 140     | 5700      | 11.23                    |
|                                | 144     | 5720      | 11.23                    |
| 802.11n HT20                   | 100     | 5500      | 11.36                    |
|                                | 116     | 5580      | 11.31                    |
|                                | 120     | 5600      | 11.36                    |
|                                | 124     | 5620      | 11.35                    |
|                                | 132     | 5660      | 11.31                    |
|                                | 140     | 5700      | 11.28                    |
|                                | 144     | 5720      | 11.27                    |
| 802.11n HT40                   | 102     | 5510      | 11.29                    |
|                                | 110     | 5550      | 11.27                    |
|                                | 118     | 5590      | 11.32                    |
|                                | 126     | 5630      | 11.22                    |
|                                | 134     | 5670      | 11.34                    |
|                                | 142     | 5710      | 11.38                    |
| 802.11ac VHT20                 | 100     | 5500      | 11.29                    |
|                                | 116     | 5580      | 11.4                     |
|                                | 120     | 5600      | 11.4                     |
|                                | 124     | 5620      | 11.21                    |
|                                | 132     | 5660      | 11.21                    |
|                                | 140     | 5700      | 11.36                    |
|                                | 144     | 5720      | 11.29                    |
| 802.11ac VHT40                 | 102     | 5510      | 11.33                    |
|                                | 110     | 5550      | 11.16                    |
|                                | 118     | 5590      | 11.29                    |
|                                | 126     | 5630      | 11.38                    |
|                                | 134     | 5670      | 11.33                    |
|                                | 142     | 5710      | 11.15                    |
| 802.11ac VHT80                 | 106     | 5530      | 11.21                    |
|                                | 122     | 5610      | 11.15                    |
|                                | 138     | 5690      | 11.32                    |
| 802.11ac VHT160                | 114     | 5570      | 11.44                    |
| 802.11ax HE20                  | 100     | 5500      | 11.34                    |
|                                | 116     | 5580      | 11.27                    |
|                                | 120     | 5600      | 11.19                    |
|                                | 124     | 5620      | 11.33                    |
|                                | 132     | 5660      | 11.25                    |
|                                | 140     | 5700      | 11.35                    |
|                                | 144     | 5720      | 11.33                    |
| 802.11ax HE40                  | 102     | 5510      | 11.25                    |
|                                | 110     | 5550      | 11.27                    |
|                                | 118     | 5590      | 11.17                    |
|                                | 126     | 5630      | 11.32                    |
|                                | 134     | 5670      | 11.32                    |
|                                | 142     | 5710      | 11.17                    |
| 802.11ax HE80                  | 106     | 5530      | 11.2                     |
|                                | 122     | 5610      | 11.15                    |
|                                | 138     | 5690      | 11.2                     |
| 802.11ax HE160                 | 114     | 5570      | 11.3                     |

| Conducted Power (Full)_DBS OFF |         |           |                          |                          |                            |
|--------------------------------|---------|-----------|--------------------------|--------------------------|----------------------------|
| WLAN 5.6GHz Ant 1+2            |         |           |                          |                          |                            |
| Mode                           | Channel | Frequency | MIMO Ant 1<br>Avg. Power | MIMO Ant 2<br>Avg. Power | MIMO Ant 1+2<br>Avg. Power |
| 802.11a                        | 100     | 5500      | 11.33                    | 10.77                    | 14.07                      |
|                                | 116     | 5580      | 11.31                    | 10.7                     | 14.03                      |
|                                | 120     | 5600      | 11.16                    | 10.71                    | 13.95                      |
|                                | 124     | 5620      | 11.35                    | 10.74                    | 14.07                      |
|                                | 132     | 5660      | 11.28                    | 10.67                    | 14                         |
|                                | 140     | 5700      | 11.19                    | 10.75                    | 13.99                      |
|                                | 144     | 5720      | 11.19                    | 10.77                    | 14                         |
| 802.11n HT20                   | 100     | 5500      | 11.24                    | 10.71                    | 13.99                      |
|                                | 116     | 5580      | 11.23                    | 10.73                    | 14                         |
|                                | 120     | 5600      | 11.17                    | 10.83                    | 14.01                      |
|                                | 124     | 5620      | 11.31                    | 10.69                    | 14.02                      |
|                                | 132     | 5660      | 11.33                    | 10.65                    | 14.01                      |
|                                | 140     | 5700      | 11.35                    | 10.67                    | 14.03                      |
|                                | 144     | 5720      | 11.26                    | 10.76                    | 14.03                      |
| 802.11n HT40                   | 102     | 5510      | 11.27                    | 10.76                    | 14.03                      |
|                                | 110     | 5550      | 11.27                    | 10.74                    | 14.02                      |
|                                | 118     | 5590      | 11.24                    | 10.66                    | 13.97                      |
|                                | 126     | 5630      | 11.15                    | 10.71                    | 13.95                      |
|                                | 134     | 5670      | 11.22                    | 10.66                    | 13.96                      |
|                                | 142     | 5710      | 11.35                    | 10.85                    | 14.12                      |
| 802.11ac VHT20                 | 100     | 5500      | 11.33                    | 10.76                    | 14.06                      |
|                                | 116     | 5580      | 11.27                    | 10.75                    | 14.03                      |
|                                | 120     | 5600      | 11.34                    | 10.85                    | 14.11                      |
|                                | 124     | 5620      | 11.18                    | 10.75                    | 13.98                      |
|                                | 132     | 5660      | 11.27                    | 10.69                    | 14                         |
|                                | 140     | 5700      | 11.17                    | 10.81                    | 14                         |
|                                | 144     | 5720      | 11.29                    | 10.84                    | 14.08                      |
| 802.11ac VHT40                 | 102     | 5510      | 11.35                    | 10.74                    | 14.07                      |
|                                | 110     | 5550      | 11.35                    | 10.8                     | 14.09                      |
|                                | 118     | 5590      | 11.26                    | 10.72                    | 14.01                      |
|                                | 126     | 5630      | 11.26                    | 10.72                    | 14.01                      |
|                                | 134     | 5670      | 11.15                    | 10.81                    | 13.99                      |
|                                | 142     | 5710      | 11.16                    | 10.72                    | 13.96                      |
| 802.11ac VHT80                 | 106     | 5530      | 11.31                    | 10.85                    | 14.1                       |
|                                | 122     | 5610      | 11.15                    | 10.8                     | 13.99                      |
|                                | 138     | 5690      | 11.24                    | 10.77                    | 14.02                      |
| 802.11ac VHT160                | 114     | 5570      | 11.39                    | 10.88                    | 14.15                      |
| 802.11ax HE20                  | 100     | 5500      | 11.16                    | 10.81                    | 14                         |
|                                | 116     | 5580      | 11.15                    | 10.83                    | 14                         |
|                                | 120     | 5600      | 11.25                    | 10.68                    | 13.98                      |
|                                | 124     | 5620      | 11.18                    | 10.83                    | 14.02                      |
|                                | 132     | 5660      | 11.16                    | 10.81                    | 14                         |
|                                | 140     | 5700      | 11.22                    | 10.78                    | 14.02                      |
|                                | 144     | 5720      | 11.21                    | 10.67                    | 13.96                      |
| 802.11ax HE40                  | 102     | 5510      | 11.27                    | 10.72                    | 14.01                      |
|                                | 110     | 5550      | 11.16                    | 10.82                    | 14                         |
|                                | 118     | 5590      | 11.29                    | 10.83                    | 14.08                      |
|                                | 126     | 5630      | 11.21                    | 10.73                    | 13.99                      |
|                                | 134     | 5670      | 11.21                    | 10.84                    | 14.04                      |
|                                | 142     | 5710      | 11.25                    | 10.78                    | 14.03                      |
| 802.11ax HE80                  | 106     | 5530      | 11.32                    | 10.67                    | 14.02                      |
|                                | 122     | 5610      | 11.2                     | 10.81                    | 14.02                      |
|                                | 138     | 5690      | 11.32                    | 10.83                    | 14.09                      |
| 802.11ax HE160                 | 114     | 5570      | 11.29                    | 10.78                    | 14.05                      |

| Conducted Power (Full) DBS OFF |         |           |                          |
|--------------------------------|---------|-----------|--------------------------|
| WLAN 5.8GHz Ant 1              |         |           |                          |
| Mode                           | Channel | Frequency | SISO Ant 1<br>Avg. Power |
| 802.11a                        | 149     | 5745      | 11.46                    |
|                                | 153     | 5765      | 11.42                    |
|                                | 157     | 5785      | 11.43                    |
|                                | 161     | 5805      | 11.37                    |
|                                | 165     | 5825      | 11.55                    |
| 802.11n HT20                   | 149     | 5745      | 11.44                    |
|                                | 153     | 5765      | 11.4                     |
|                                | 157     | 5785      | 11.55                    |
|                                | 161     | 5805      | 11.42                    |
|                                | 165     | 5825      | 11.45                    |
| 802.11n HT40                   | 151     | 5755      | 11.38                    |
|                                | 159     | 5795      | 11.4                     |
| 802.11ac VHT20                 | 149     | 5745      | 11.35                    |
|                                | 153     | 5765      | 11.52                    |
|                                | 157     | 5785      | 11.49                    |
|                                | 161     | 5805      | 11.36                    |
|                                | 165     | 5825      | 11.42                    |
| 802.11ac VHT40                 | 151     | 5755      | 11.42                    |
|                                | 159     | 5795      | 11.38                    |
| 802.11ac VHT80                 | 155     | 5775      | 11.61                    |
| 802.11ax HE20                  | 149     | 5745      | 11.53                    |
|                                | 153     | 5765      | 11.4                     |
|                                | 157     | 5785      | 11.35                    |
|                                | 161     | 5805      | 11.46                    |
|                                | 165     | 5825      | 11.5                     |
| 802.11ax HE40                  | 151     | 5755      | 11.46                    |
|                                | 159     | 5795      | 11.54                    |
| 802.11ax HE80                  | 155     | 5775      | 11.55                    |

| Conducted Power (Full) DBS OFF |         |           |                          |
|--------------------------------|---------|-----------|--------------------------|
| WLAN 5.8GHz Ant 2              |         |           |                          |
| Mode                           | Channel | Frequency | SISO Ant 2<br>Avg. Power |
| 802.11a                        | 149     | 5745      | 11.79                    |
|                                | 153     | 5765      | 11.71                    |
|                                | 157     | 5785      | 11.82                    |
|                                | 161     | 5805      | 11.75                    |
|                                | 165     | 5825      | 11.66                    |
| 802.11n HT20                   | 149     | 5745      | 11.76                    |
|                                | 153     | 5765      | 11.68                    |
|                                | 157     | 5785      | 11.75                    |
|                                | 161     | 5805      | 11.76                    |
|                                | 165     | 5825      | 11.66                    |
| 802.11n HT40                   | 151     | 5755      | 11.76                    |
|                                | 159     | 5795      | 11.66                    |
| 802.11ac VHT20                 | 149     | 5745      | 11.72                    |
|                                | 153     | 5765      | 11.8                     |
|                                | 157     | 5785      | 11.82                    |
|                                | 161     | 5805      | 11.67                    |
|                                | 165     | 5825      | 11.81                    |
| 802.11ac VHT40                 | 151     | 5755      | 11.8                     |
|                                | 159     | 5795      | 11.66                    |
| 802.11ac VHT80                 | 155     | 5775      | 11.89                    |
| 802.11ax HE20                  | 149     | 5745      | 11.72                    |
|                                | 153     | 5765      | 11.81                    |
|                                | 157     | 5785      | 11.8                     |
|                                | 161     | 5805      | 11.79                    |
|                                | 165     | 5825      | 11.79                    |
| 802.11ax HE40                  | 151     | 5755      | 11.68                    |
|                                | 159     | 5795      | 11.77                    |
| 802.11ax HE80                  | 155     | 5775      | 11.85                    |

| Conducted Power (Full) DBS OFF |         |           |                          |                          |                            |
|--------------------------------|---------|-----------|--------------------------|--------------------------|----------------------------|
| WLAN 5.8GHz Ant 1+2            |         |           |                          |                          |                            |
| Mode                           | Channel | Frequency | MIMO Ant 1<br>Avg. Power | MIMO Ant 2<br>Avg. Power | MIMO Ant 1+2<br>Avg. Power |
| 802.11a                        | 149     | 5745      | 11.51                    | 11.75                    | 14.64                      |
|                                | 153     | 5765      | 11.59                    | 11.7                     | 14.66                      |
|                                | 157     | 5785      | 11.61                    | 11.68                    | 14.66                      |
|                                | 161     | 5805      | 11.57                    | 11.76                    | 14.68                      |
|                                | 165     | 5825      | 11.5                     | 11.7                     | 14.61                      |
| 802.11n HT20                   | 149     | 5745      | 11.68                    | 11.76                    | 14.73                      |
|                                | 153     | 5765      | 11.53                    | 11.77                    | 14.66                      |
|                                | 157     | 5785      | 11.69                    | 11.66                    | 14.69                      |
|                                | 161     | 5805      | 11.62                    | 11.61                    | 14.63                      |
|                                | 165     | 5825      | 11.66                    | 11.55                    | 14.62                      |
| 802.11n HT40                   | 151     | 5755      | 11.54                    | 11.74                    | 14.65                      |
|                                | 159     | 5795      | 11.57                    | 11.72                    | 14.66                      |
| 802.11ac VHT20                 | 149     | 5745      | 11.63                    | 11.58                    | 14.62                      |
|                                | 153     | 5765      | 11.52                    | 11.65                    | 14.6                       |
|                                | 157     | 5785      | 11.57                    | 11.61                    | 14.6                       |
|                                | 161     | 5805      | 11.5                     | 11.65                    | 14.59                      |
|                                | 165     | 5825      | 11.6                     | 11.68                    | 14.65                      |
| 802.11ac VHT40                 | 151     | 5755      | 11.61                    | 11.56                    | 14.6                       |
|                                | 159     | 5795      | 11.55                    | 11.55                    | 14.56                      |
| 802.11ac VHT80                 | 155     | 5775      | 11.62                    | 11.88                    | 14.76                      |
| 802.11ax HE20                  | 149     | 5745      | 11.57                    | 11.62                    | 14.61                      |
|                                | 153     | 5765      | 11.65                    | 11.74                    | 14.71                      |
|                                | 157     | 5785      | 11.65                    | 11.67                    | 14.67                      |
|                                | 161     | 5805      | 11.52                    | 11.74                    | 14.64                      |
|                                | 165     | 5825      | 11.55                    | 11.58                    | 14.58                      |
| 802.11ax HE40                  | 151     | 5755      | 11.65                    | 11.7                     | 14.69                      |
|                                | 159     | 5795      | 11.62                    | 11.63                    | 14.64                      |
| 802.11ax HE80                  | 155     | 5775      | 11.68                    | 11.72                    | 14.71                      |

| Conducted Power (Full)_DBS OFF |         |           |                          |
|--------------------------------|---------|-----------|--------------------------|
| WLAN 5.9GHz Ant 1              |         |           |                          |
| Mode                           | Channel | Frequency | SISO Ant 1<br>Avg. Power |
| 802.11a                        | 169     | 5845      | 12.16                    |
|                                | 173     | 5865      | 12.17                    |
|                                | 177     | 5885      | 12.19                    |
| 802.11n HT20                   | 169     | 5845      | 12.24                    |
|                                | 173     | 5865      | 12.29                    |
|                                | 177     | 5885      | 12.17                    |
| 802.11n HT40                   | 167     | 5835      | 12.23                    |
|                                | 175     | 5875      | 12.17                    |
| 802.11ac VHT20                 | 169     | 5845      | 12.24                    |
|                                | 173     | 5865      | 12.32                    |
|                                | 177     | 5885      | 12.25                    |
| 802.11ac VHT40                 | 167     | 5835      | 12.26                    |
|                                | 175     | 5875      | 12.27                    |
| 802.11ac VHT80                 | 171     | 5855      | 12.23                    |
| 802.11ac VHT160                | 163     | 5815      | 12.39                    |
| 802.11ax HE20                  | 169     | 5845      | 12.16                    |
|                                | 173     | 5865      | 12.35                    |
|                                | 177     | 5885      | 12.33                    |
| 802.11ax HE40                  | 167     | 5835      | 12.18                    |
|                                | 175     | 5875      | 12.17                    |
| 802.11ax HE80                  | 171     | 5855      | 12.18                    |
| 802.11ax HE160                 | 163     | 5815      | 12.26                    |

| Conducted Power (Full)_DBS OFF |         |           |                          |
|--------------------------------|---------|-----------|--------------------------|
| WLAN 5.9GHz Ant 2              |         |           |                          |
| Mode                           | Channel | Frequency | SISO Ant 2<br>Avg. Power |
| 802.11a                        | 169     | 5845      | 12.28                    |
|                                | 173     | 5865      | 12.3                     |
|                                | 177     | 5885      | 12.21                    |
| 802.11n HT20                   | 169     | 5845      | 12.21                    |
|                                | 173     | 5865      | 12.24                    |
|                                | 177     | 5885      | 12.3                     |
| 802.11n HT40                   | 167     | 5835      | 12.16                    |
|                                | 175     | 5875      | 12.29                    |
| 802.11ac VHT20                 | 169     | 5845      | 12.15                    |
|                                | 173     | 5865      | 12.21                    |
|                                | 177     | 5885      | 12.29                    |
| 802.11ac VHT40                 | 167     | 5835      | 12.17                    |
|                                | 175     | 5875      | 12.23                    |
| 802.11ac VHT80                 | 171     | 5855      | 12.19                    |
| 802.11ac VHT160                | 163     | 5815      | 12.36                    |
| 802.11ax HE20                  | 169     | 5845      | 12.24                    |
|                                | 173     | 5865      | 12.17                    |
|                                | 177     | 5885      | 12.16                    |
| 802.11ax HE40                  | 167     | 5835      | 12.24                    |
|                                | 175     | 5875      | 12.23                    |
| 802.11ax HE80                  | 171     | 5855      | 12.19                    |
| 802.11ax HE160                 | 163     | 5815      | 12.23                    |

| Conducted Power (Full)_DBS OFF |         |           |                          |                          |                            |
|--------------------------------|---------|-----------|--------------------------|--------------------------|----------------------------|
| WLAN 5.9GHz Ant 1+2            |         |           |                          |                          |                            |
| Mode                           | Channel | Frequency | MIMO Ant 1<br>Avg. Power | MIMO Ant 2<br>Avg. Power | MIMO Ant 1+2<br>Avg. Power |
| 802.11a                        | 169     | 5845      | 12.32                    | 12.15                    | 15.25                      |
|                                | 173     | 5865      | 12.3                     | 12.05                    | 15.19                      |
|                                | 177     | 5885      | 12.31                    | 12.14                    | 15.24                      |
| 802.11n HT20                   | 169     | 5845      | 12.31                    | 12.22                    | 15.28                      |
|                                | 173     | 5865      | 12.25                    | 12.12                    | 15.2                       |
|                                | 177     | 5885      | 12.21                    | 12.18                    | 15.21                      |
| 802.11n HT40                   | 167     | 5835      | 12.37                    | 12.11                    | 15.25                      |
|                                | 175     | 5875      | 12.36                    | 12.28                    | 15.33                      |
| 802.11ac VHT20                 | 169     | 5845      | 12.31                    | 12.18                    | 15.26                      |
|                                | 173     | 5865      | 12.28                    | 12.07                    | 15.19                      |
|                                | 177     | 5885      | 12.33                    | 12.09                    | 15.22                      |
| 802.11ac VHT40                 | 167     | 5835      | 12.32                    | 12.25                    | 15.3                       |
|                                | 175     | 5875      | 12.21                    | 12.16                    | 15.2                       |
| 802.11ac VHT80                 | 171     | 5855      | 12.22                    | 12.07                    | 15.16                      |
| 802.11ac VHT160                | 163     | 5815      | 12.46                    | 12.33                    | 15.41                      |
| 802.11ax HE20                  | 169     | 5845      | 12.39                    | 12.1                     | 15.26                      |
|                                | 173     | 5865      | 12.4                     | 12.26                    | 15.34                      |
|                                | 177     | 5885      | 12.26                    | 12.2                     | 15.24                      |
| 802.11ax HE40                  | 167     | 5835      | 12.34                    | 12.05                    | 15.21                      |
|                                | 175     | 5875      | 12.25                    | 12.23                    | 15.25                      |
| 802.11ax HE80                  | 171     | 5855      | 12.33                    | 12.29                    | 15.32                      |
| 802.11ax HE160                 | 163     | 5815      | 12.21                    | 12.2                     | 15.22                      |

| Conducted Power (Full)_DBS OFF |         |           |                          |
|--------------------------------|---------|-----------|--------------------------|
| UNII-5 Ant 1                   |         |           |                          |
| Mode                           | Channel | Frequency | SISO Ant 1<br>Avg. Power |
| 802.11a                        | 1       | 5955      | 9.65                     |
|                                | 5       | 5975      | 9.71                     |
|                                | 9       | 5995      | 9.58                     |
|                                | 13      | 6015      | 9.75                     |
|                                | 17      | 6035      | 9.57                     |
|                                | 21      | 6055      | 9.75                     |
|                                | 25      | 6075      | 9.67                     |
|                                | 29      | 6095      | 9.61                     |
|                                | 33      | 6115      | 9.6                      |
|                                | 37      | 6135      | 9.66                     |
|                                | 41      | 6155      | 9.68                     |
|                                | 45      | 6175      | 9.67                     |
|                                | 49      | 6195      | 9.59                     |
|                                | 53      | 6215      | 9.6                      |
|                                | 57      | 6235      | 9.67                     |
|                                | 61      | 6255      | 9.61                     |
|                                | 65      | 6275      | 9.7                      |
|                                | 69      | 6295      | 9.58                     |
|                                | 73      | 6315      | 9.66                     |
|                                | 77      | 6335      | 9.62                     |
| 802.11ax HE20                  | 81      | 6355      | 9.73                     |
|                                | 85      | 6375      | 9.69                     |
|                                | 89      | 6395      | 9.65                     |
|                                | 93      | 6415      | 9.6                      |
|                                | 1       | 5955      | 9.61                     |
|                                | 5       | 5975      | 9.6                      |
|                                | 9       | 5995      | 9.74                     |
|                                | 13      | 6015      | 9.63                     |
|                                | 17      | 6035      | 9.61                     |
|                                | 21      | 6055      | 9.67                     |
|                                | 25      | 6075      | 9.57                     |
|                                | 29      | 6095      | 9.59                     |
|                                | 33      | 6115      | 9.63                     |
|                                | 37      | 6135      | 9.64                     |
|                                | 41      | 6155      | 9.68                     |
|                                | 45      | 6175      | 9.64                     |
|                                | 49      | 6195      | 9.56                     |
|                                | 53      | 6215      | 9.72                     |
|                                | 57      | 6235      | 9.71                     |
|                                | 61      | 6255      | 9.6                      |
| 802.11ax HE40                  | 65      | 6275      | 9.65                     |
|                                | 69      | 6295      | 9.67                     |
|                                | 73      | 6315      | 9.57                     |
|                                | 77      | 6335      | 9.7                      |
|                                | 81      | 6355      | 9.67                     |
|                                | 85      | 6375      | 9.59                     |
|                                | 89      | 6395      | 9.75                     |
|                                | 93      | 6415      | 9.68                     |
|                                | 3       | 5965      | 9.62                     |
|                                | 11      | 6005      | 9.73                     |
| 802.11ax HE80                  | 19      | 6045      | 9.69                     |
|                                | 27      | 6085      | 9.72                     |
|                                | 35      | 6125      | 9.65                     |
|                                | 43      | 6165      | 9.7                      |
|                                | 51      | 6205      | 9.6                      |
|                                | 59      | 6245      | 9.61                     |
|                                | 67      | 6285      | 9.63                     |
|                                | 75      | 6325      | 9.56                     |
|                                | 83      | 6365      | 9.68                     |
|                                | 91      | 6405      | 9.62                     |
| 802.11ax HE160                 | 7       | 5985      | 9.58                     |
|                                | 23      | 6065      | 9.66                     |
|                                | 39      | 6145      | 9.63                     |
|                                | 55      | 6225      | 9.69                     |
|                                | 71      | 6305      | 9.61                     |
|                                | 87      | 6385      | 9.67                     |
|                                | 15      | 6025      | 9.83                     |
|                                | 47      | 6185      | 9.86                     |
|                                | 79      | 6345      | 9.72                     |

| Conducted Power (Full)_DBS OFF |         |           |                          |
|--------------------------------|---------|-----------|--------------------------|
| UNII-5 Ant 2                   |         |           |                          |
| Mode                           | Channel | Frequency | SISO Ant 2<br>Avg. Power |
| 802.11a                        | 1       | 5955      | 9.57                     |
|                                | 5       | 5975      | 9.64                     |
|                                | 9       | 5995      | 9.58                     |
|                                | 13      | 6015      | 9.6                      |
|                                | 17      | 6035      | 9.63                     |
|                                | 21      | 6055      | 9.68                     |
|                                | 25      | 6075      | 9.68                     |
|                                | 29      | 6095      | 9.59                     |
|                                | 33      | 6115      | 9.67                     |
|                                | 37      | 6135      | 9.72                     |
|                                | 41      | 6155      | 9.69                     |
|                                | 45      | 6175      | 9.75                     |
|                                | 49      | 6195      | 9.64                     |
|                                | 53      | 6215      | 9.7                      |
|                                | 57      | 6235      | 9.58                     |
|                                | 61      | 6255      | 9.72                     |
|                                | 65      | 6275      | 9.72                     |
|                                | 69      | 6295      | 9.61                     |
|                                | 73      | 6315      | 9.61                     |
|                                | 77      | 6335      | 9.63                     |
| 802.11ax HE20                  | 81      | 6355      | 9.63                     |
|                                | 85      | 6375      | 9.64                     |
|                                | 89      | 6395      | 9.7                      |
|                                | 93      | 6415      | 9.69                     |
|                                | 1       | 5955      | 9.68                     |
|                                | 5       | 5975      | 9.75                     |
|                                | 9       | 5995      | 9.63                     |
|                                | 13      | 6015      | 9.66                     |
|                                | 17      | 6035      | 9.61                     |
|                                | 21      | 6055      | 9.66                     |
|                                | 25      | 6075      | 9.56                     |
|                                | 29      | 6095      | 9.73                     |
|                                | 33      | 6115      | 9.57                     |
|                                | 37      | 6135      | 9.71                     |
|                                | 41      | 6155      | 9.64                     |
|                                | 45      | 6175      | 9.73                     |
|                                | 49      | 6195      | 9.57                     |
|                                | 53      | 6215      | 9.56                     |
|                                | 57      | 6235      | 9.75                     |
|                                | 61      | 6255      | 9.67                     |
| 802.11ax HE40                  | 65      | 6275      | 9.59                     |
|                                | 69      | 6295      | 9.65                     |
|                                | 73      | 6315      | 9.57                     |
|                                | 77      | 6335      | 9.63                     |
|                                | 81      | 6355      | 9.57                     |
|                                | 85      | 6375      | 9.66                     |
|                                | 89      | 6395      | 9.56                     |
|                                | 93      | 6415      | 9.71                     |
|                                | 3       | 5965      | 9.57                     |
|                                | 11      | 6005      | 9.6                      |
| 802.11ax HE80                  | 19      | 6045      | 9.59                     |
|                                | 27      | 6085      | 9.75                     |
|                                | 35      | 6125      | 9.62                     |
|                                | 43      | 6165      | 9.66                     |
|                                | 51      | 6205      | 9.72                     |
|                                | 59      | 6245      | 9.74                     |
|                                | 67      | 6285      | 9.57                     |
|                                | 75      | 6325      | 9.66                     |
|                                | 83      | 6365      | 9.63                     |
|                                | 91      | 6405      | 9.65                     |
| 802.11ax HE160                 | 7       | 5985      | 9.64                     |
|                                | 23      | 6065      | 9.73                     |
|                                | 39      | 6145      | 9.59                     |
|                                | 55      | 6225      | 9.65                     |
|                                | 71      | 6305      | 9.61                     |
|                                | 87      | 6385      | 9.63                     |
|                                | 15      | 6025      | 9.72                     |
|                                | 47      | 6185      | 9.85                     |
|                                | 79      | 6345      | 9.82                     |

| Conducted Power (Full)_DBS OFF |         |           |                          |                          |                            |
|--------------------------------|---------|-----------|--------------------------|--------------------------|----------------------------|
| UNII-5 Ant 1+2                 |         |           |                          |                          |                            |
| Mode                           | Channel | Frequency | MIMO Ant 1<br>Avg. Power | MIMO Ant 2<br>Avg. Power | MIMO Ant 1+2<br>Avg. Power |
| 802.11a                        | 1       | 5955      | 9.69                     | 9.7                      | 12.71                      |
|                                | 5       | 5975      | 9.69                     | 9.66                     | 12.69                      |
|                                | 9       | 5995      | 9.65                     | 9.64                     | 12.66                      |
|                                | 13      | 6015      | 9.56                     | 9.64                     | 12.61                      |
|                                | 17      | 6035      | 9.57                     | 9.69                     | 12.64                      |
|                                | 21      | 6055      | 9.58                     | 9.72                     | 12.66                      |
|                                | 25      | 6075      | 9.6                      | 9.69                     | 12.66                      |
|                                | 29      | 6095      | 9.74                     | 9.61                     | 12.69                      |
|                                | 33      | 6115      | 9.71                     | 9.67                     | 12.7                       |
|                                | 37      | 6135      | 9.7                      | 9.65                     | 12.69                      |
|                                | 41      | 6155      | 9.58                     | 9.73                     | 12.67                      |
|                                | 45      | 6175      | 9.59                     | 9.75                     | 12.68                      |
|                                | 49      | 6195      | 9.72                     | 9.64                     | 12.69                      |
|                                | 53      | 6215      | 9.58                     | 9.75                     | 12.68                      |
|                                | 57      | 6235      | 9.58                     | 9.62                     | 12.61                      |
|                                | 61      | 6255      | 9.7                      | 9.68                     | 12.7                       |
|                                | 65      | 6275      | 9.56                     | 9.7                      | 12.64                      |
|                                | 69      | 6295      | 9.75                     | 9.56                     | 12.67                      |
|                                | 73      | 6315      | 9.61                     | 9.57                     | 12.6                       |
|                                | 77      | 6335      | 9.71                     | 9.58                     | 12.66                      |
|                                | 81      | 6355      | 9.56                     | 9.57                     | 12.58                      |
|                                | 85      | 6375      | 9.64                     | 9.61                     | 12.64                      |
|                                | 89      | 6395      | 9.6                      | 9.64                     | 12.63                      |
|                                | 93      | 6415      | 9.56                     | 9.64                     | 12.61                      |
| 802.11ax HE20                  | 1       | 5955      | 9.67                     | 9.74                     | 12.72                      |
|                                | 5       | 5975      | 9.57                     | 9.7                      | 12.65                      |
|                                | 9       | 5995      | 9.59                     | 9.72                     | 12.67                      |
|                                | 13      | 6015      | 9.71                     | 9.68                     | 12.71                      |
|                                | 17      | 6035      | 9.71                     | 9.59                     | 12.66                      |
|                                | 21      | 6055      | 9.64                     | 9.61                     | 12.64                      |
|                                | 25      | 6075      | 9.64                     | 9.62                     | 12.64                      |
|                                | 29      | 6095      | 9.57                     | 9.62                     | 12.61                      |
|                                | 33      | 6115      | 9.56                     | 9.66                     | 12.62                      |
|                                | 37      | 6135      | 9.71                     | 9.72                     | 12.73                      |
|                                | 41      | 6155      | 9.71                     | 9.71                     | 12.72                      |
|                                | 45      | 6175      | 9.65                     | 9.75                     | 12.71                      |
|                                | 49      | 6195      | 9.75                     | 9.73                     | 12.75                      |
|                                | 53      | 6215      | 9.65                     | 9.69                     | 12.68                      |
|                                | 57      | 6235      | 9.56                     | 9.57                     | 12.58                      |
|                                | 61      | 6255      | 9.71                     | 9.75                     | 12.74                      |
|                                | 65      | 6275      | 9.63                     | 9.71                     | 12.68                      |
|                                | 69      | 6295      | 9.72                     | 9.64                     | 12.69                      |
|                                | 73      | 6315      | 9.69                     | 9.68                     | 12.7                       |
|                                | 77      | 6335      | 9.61                     | 9.67                     | 12.65                      |
|                                | 81      | 6355      | 9.62                     | 9.7                      | 12.67                      |
|                                | 85      | 6375      | 9.63                     | 9.66                     | 12.66                      |
|                                | 89      | 6395      | 9.56                     | 9.71                     | 12.65                      |
|                                | 93      | 6415      | 9.74                     | 9.56                     | 12.66                      |
| 802.11ax HE40                  | 3       | 5965      | 9.72                     | 9.7                      | 12.72                      |
|                                | 11      | 6005      | 9.72                     | 9.58                     | 12.66                      |
|                                | 19      | 6045      | 9.66                     | 9.64                     | 12.66                      |
|                                | 27      | 6085      | 9.62                     | 9.64                     | 12.64                      |
|                                | 35      | 6125      | 9.69                     | 9.68                     | 12.7                       |
|                                | 43      | 6165      | 9.71                     | 9.64                     | 12.69                      |
|                                | 51      | 6205      | 9.57                     | 9.67                     | 12.63                      |
|                                | 59      | 6245      | 9.68                     | 9.56                     | 12.63                      |
|                                | 67      | 6285      | 9.72                     | 9.7                      | 12.72                      |
|                                | 75      | 6325      | 9.59                     | 9.56                     | 12.59                      |
|                                | 83      | 6365      | 9.69                     | 9.66                     | 12.69                      |
|                                | 91      | 6405      | 9.62                     | 9.6                      | 12.62                      |
| 802.11ax HE80                  | 7       | 5985      | 9.62                     | 9.57                     | 12.61                      |
|                                | 23      | 6065      | 9.59                     | 9.57                     | 12.59                      |
|                                | 39      | 6145      | 9.67                     | 9.68                     | 12.69                      |
|                                | 55      | 6225      | 9.62                     | 9.7                      | 12.67                      |
|                                | 71      | 6305      | 9.74                     | 9.6                      | 12.68                      |
|                                | 87      | 6385      | 9.66                     | 9.62                     | 12.65                      |
| 802.11ax HE160                 | 15      | 6025      | 9.64                     | 9.83                     | 12.75                      |
|                                | 47      | 6185      | 9.96                     | 9.79                     | 12.89                      |
|                                | 79      | 6345      | 9.75                     | 9.56                     | 12.67                      |

| Conducted Power (Full)_DBS OFF |         |           |                          |
|--------------------------------|---------|-----------|--------------------------|
| UNII-6 Ant 1_FCC               |         |           |                          |
| Mode                           | Channel | Frequency | SISO Ant 1<br>Avg. Power |
| 802.11a                        | 97      | 6435      | 1.18                     |
|                                | 101     | 6455      | 1.2                      |
|                                | 105     | 6475      | 1.02                     |
|                                | 109     | 6495      | 1.03                     |
|                                | 113     | 6515      | 1.16                     |
| 802.11ax HE20                  | 97      | 6435      | 2.14                     |
|                                | 101     | 6455      | 2.06                     |
|                                | 105     | 6475      | 2                        |
|                                | 109     | 6495      | 2.06                     |
|                                | 113     | 6515      | 2.06                     |
| 802.11ax HE40                  | 99      | 6445      | 5.11                     |
|                                | 107     | 6485      | 5.15                     |
|                                | 115     | 6525      | 5.07                     |

| Conducted Power (Full)_DBS OFF |         |           |                          |
|--------------------------------|---------|-----------|--------------------------|
| UNII-6 Ant 2_FCC               |         |           |                          |
| Mode                           | Channel | Frequency | SISO Ant 2<br>Avg. Power |
| 802.11a                        | 97      | 6435      | 1.19                     |
|                                | 101     | 6455      | 1.05                     |
|                                | 105     | 6475      | 1.03                     |
|                                | 109     | 6495      | 1.13                     |
|                                | 113     | 6515      | 1.09                     |
| 802.11ax HE20                  | 97      | 6435      | 2.08                     |
|                                | 101     | 6455      | 2.08                     |
|                                | 105     | 6475      | 2.12                     |
|                                | 109     | 6495      | 2.1                      |
|                                | 113     | 6515      | 2.15                     |
| 802.11ax HE40                  | 99      | 6445      | 5.17                     |
|                                | 107     | 6485      | 5.04                     |
|                                | 115     | 6525      | 5.01                     |
| 802.11ax HE80                  | 103     | 6465      | 8.18                     |
|                                | 119     | 6545      | 8.16                     |
| 802.11ax HE160                 | 111     | 6505      | 8.96                     |

| Conducted Power (Full)_DBS OFF |         |           |                          |                          |                            |
|--------------------------------|---------|-----------|--------------------------|--------------------------|----------------------------|
| UNII-6 Ant 1+2_FCC             |         |           |                          |                          |                            |
| Mode                           | Channel | Frequency | MIMO Ant 1<br>Avg. Power | MIMO Ant 2<br>Avg. Power | MIMO Ant 1+2<br>Avg. Power |
| 802.11a                        | 97      | 6435      | 1.06                     | 1.12                     | 4.1                        |
|                                | 101     | 6455      | 1.19                     | 1.06                     | 4.14                       |
|                                | 105     | 6475      | 1.21                     | 1.23                     | 4.23                       |
|                                | 109     | 6495      | 1.08                     | 1.23                     | 4.17                       |
|                                | 113     | 6515      | 1.07                     | 1.12                     | 4.11                       |
| 802.11ax HE20                  | 97      | 6435      | 2.17                     | 2.24                     | 5.22                       |
|                                | 101     | 6455      | 2.09                     | 2.25                     | 5.18                       |
|                                | 105     | 6475      | 2.09                     | 2.18                     | 5.15                       |
|                                | 109     | 6495      | 2.16                     | 2.18                     | 5.18                       |
|                                | 113     | 6515      | 2.15                     | 2.24                     | 5.21                       |
| 802.11ax HE40                  | 99      | 6445      | 5.19                     | 5.15                     | 8.18                       |
|                                | 107     | 6485      | 5.08                     | 5.17                     | 8.14                       |
|                                | 115     | 6525      | 5.23                     | 5.07                     | 8.16                       |
| 802.11ax HE80                  | 103     | 6465      | 8.24                     | 8.17                     | 11.22                      |
|                                | 119     | 6545      | 8.24                     | 8.24                     | 11.25                      |
| 802.11ax HE160                 | 111     | 6505      | 8.82                     | 8.74                     | 11.79                      |

| Conducted Power (Full)_DBS OFF |         |           |                          |
|--------------------------------|---------|-----------|--------------------------|
| UNII-7 Ant 1                   |         |           |                          |
| Mode                           | Channel | Frequency | SISO Ant 1<br>Avg. Power |
| 802.11a                        | 117     | 6535      | 9.61                     |
|                                | 121     | 6555      | 9.68                     |
|                                | 125     | 6575      | 9.67                     |
|                                | 129     | 6595      | 9.63                     |
|                                | 133     | 6615      | 9.73                     |
|                                | 137     | 6635      | 9.66                     |
|                                | 141     | 6655      | 9.57                     |
|                                | 145     | 6675      | 9.56                     |
|                                | 149     | 6695      | 9.62                     |
|                                | 153     | 6715      | 9.74                     |
|                                | 157     | 6735      | 9.75                     |
|                                | 161     | 6755      | 9.64                     |
|                                | 165     | 6775      | 9.6                      |
|                                | 169     | 6795      | 9.6                      |
|                                | 173     | 6815      | 9.64                     |
|                                | 177     | 6835      | 9.6                      |
| 802.11ax HE20                  | 181     | 6855      | 9.72                     |
|                                | 117     | 6535      | 9.74                     |
|                                | 121     | 6555      | 9.61                     |
|                                | 125     | 6575      | 9.67                     |
|                                | 129     | 6595      | 9.65                     |
|                                | 133     | 6615      | 9.56                     |
|                                | 137     | 6635      | 9.61                     |
|                                | 141     | 6655      | 9.68                     |
|                                | 145     | 6675      | 9.57                     |
|                                | 149     | 6695      | 9.59                     |
|                                | 153     | 6715      | 9.58                     |
|                                | 157     | 6735      | 9.74                     |
|                                | 161     | 6755      | 9.72                     |
|                                | 165     | 6775      | 9.72                     |
|                                | 169     | 6795      | 9.66                     |
|                                | 173     | 6815      | 9.71                     |
|                                | 177     | 6835      | 9.71                     |
|                                | 181     | 6855      | 9.59                     |
| 802.11ax HE40                  | 123     | 6565      | 9.57                     |
|                                | 131     | 6605      | 9.64                     |
|                                | 139     | 6645      | 9.7                      |
|                                | 147     | 6685      | 9.63                     |
|                                | 155     | 6725      | 9.61                     |
|                                | 163     | 6765      | 9.68                     |
|                                | 171     | 6805      | 9.59                     |
|                                | 179     | 6845      | 9.7                      |
| 802.11ax HE80                  | 187     | 6885      | 5.25                     |
|                                | 135     | 6625      | 9.66                     |
|                                | 151     | 6705      | 9.72                     |
|                                | 167     | 6785      | 9.61                     |
|                                | 183     | 6865      | 8.13                     |
| 802.11ax HE160                 | 143     | 6665      | 9.82                     |
|                                | 175     | 6825      | 8.68                     |

| Conducted Power (Full)_DBS OFF |         |           |                          |
|--------------------------------|---------|-----------|--------------------------|
| UNII-7 Ant 2                   |         |           |                          |
| Mode                           | Channel | Frequency | SISO Ant 2<br>Avg. Power |
| 802.11a                        | 117     | 6535      | 9.67                     |
|                                | 121     | 6555      | 9.72                     |
|                                | 125     | 6575      | 9.6                      |
|                                | 129     | 6595      | 9.61                     |
|                                | 133     | 6615      | 9.8                      |
|                                | 137     | 6635      | 9.78                     |
|                                | 141     | 6655      | 9.81                     |
|                                | 145     | 6675      | 9.72                     |
|                                | 149     | 6695      | 9.74                     |
|                                | 153     | 6715      | 9.73                     |
|                                | 157     | 6735      | 9.6                      |
|                                | 161     | 6755      | 9.74                     |
|                                | 165     | 6775      | 9.65                     |
|                                | 169     | 6795      | 9.68                     |
|                                | 173     | 6815      | 9.84                     |
|                                | 177     | 6835      | 9.73                     |
|                                | 181     | 6855      | 9.63                     |
| 802.11ax HE20                  | 117     | 6535      | 9.68                     |
|                                | 121     | 6555      | 9.71                     |
|                                | 125     | 6575      | 9.8                      |
|                                | 129     | 6595      | 9.63                     |
|                                | 133     | 6615      | 9.69                     |
|                                | 137     | 6635      | 9.83                     |
|                                | 141     | 6655      | 9.67                     |
|                                | 145     | 6675      | 9.74                     |
|                                | 149     | 6695      | 9.64                     |
|                                | 153     | 6715      | 9.79                     |
|                                | 157     | 6735      | 9.63                     |
|                                | 161     | 6755      | 9.68                     |
|                                | 165     | 6775      | 9.76                     |
|                                | 169     | 6795      | 9.8                      |
|                                | 173     | 6815      | 9.71                     |
|                                | 177     | 6835      | 9.71                     |
|                                | 181     | 6855      | 9.78                     |
| 802.11ax HE40                  | 123     | 6565      | 9.75                     |
|                                | 131     | 6605      | 9.74                     |
|                                | 139     | 6645      | 9.65                     |
|                                | 147     | 6685      | 9.65                     |
|                                | 155     | 6725      | 9.83                     |
|                                | 163     | 6765      | 9.7                      |
|                                | 171     | 6805      | 9.65                     |
|                                | 179     | 6845      | 9.7                      |
| 802.11ax HE80                  | 187     | 6885      | 5.19                     |
|                                | 135     | 6625      | 9.66                     |
|                                | 151     | 6705      | 9.66                     |
|                                | 167     | 6785      | 9.67                     |
|                                | 183     | 6865      | 8.27                     |
| 802.11ax HE160                 | 143     | 6665      | 9.82                     |
|                                | 175     | 6825      | 8.98                     |

| Conducted Power (Full)_DBS OFF |         |           |                          |                          |                            |
|--------------------------------|---------|-----------|--------------------------|--------------------------|----------------------------|
| UNII-7 Ant 1+2                 |         |           |                          |                          |                            |
| Mode                           | Channel | Frequency | MIMO Ant 1<br>Avg. Power | MIMO Ant 2<br>Avg. Power | MIMO Ant 1+2<br>Avg. Power |
| 802.11a                        | 117     | 6535      | 9.2                      | 9.54                     | 12.38                      |
|                                | 121     | 6555      | 9.3                      | 9.49                     | 12.41                      |
|                                | 125     | 6575      | 9.48                     | 9.42                     | 12.46                      |
|                                | 129     | 6595      | 9.25                     | 9.38                     | 12.33                      |
|                                | 133     | 6615      | 9.2                      | 9.4                      | 12.31                      |
|                                | 137     | 6635      | 9.31                     | 9.54                     | 12.44                      |
|                                | 141     | 6655      | 9.22                     | 9.42                     | 12.33                      |
|                                | 145     | 6675      | 9.41                     | 9.43                     | 12.43                      |
|                                | 149     | 6695      | 9.25                     | 9.49                     | 12.38                      |
|                                | 153     | 6715      | 9.38                     | 9.45                     | 12.43                      |
|                                | 157     | 6735      | 9.21                     | 9.51                     | 12.37                      |
|                                | 161     | 6755      | 9.26                     | 9.37                     | 12.33                      |
|                                | 165     | 6775      | 9.21                     | 9.39                     | 12.31                      |
|                                | 169     | 6795      | 9.27                     | 9.51                     | 12.4                       |
|                                | 173     | 6815      | 9.43                     | 9.35                     | 12.4                       |
|                                | 177     | 6835      | 9.42                     | 9.44                     | 12.44                      |
|                                | 181     | 6855      | 9.39                     | 9.43                     | 12.42                      |
| 802.11ax HE20                  | 117     | 6535      | 9.3                      | 9.54                     | 12.43                      |
|                                | 121     | 6555      | 9.41                     | 9.42                     | 12.43                      |
|                                | 125     | 6575      | 9.42                     | 9.37                     | 12.41                      |
|                                | 129     | 6595      | 9.47                     | 9.43                     | 12.46                      |
|                                | 133     | 6615      | 9.33                     | 9.4                      | 12.38                      |
|                                | 137     | 6635      | 9.39                     | 9.36                     | 12.39                      |
|                                | 141     | 6655      | 9.45                     | 9.35                     | 12.41                      |
|                                | 145     | 6675      | 9.44                     | 9.39                     | 12.43                      |
|                                | 149     | 6695      | 9.38                     | 9.48                     | 12.44                      |
|                                | 153     | 6715      | 9.46                     | 9.41                     | 12.45                      |
|                                | 157     | 6735      | 9.46                     | 9.54                     | 12.51                      |
|                                | 161     | 6755      | 9.46                     | 9.38                     | 12.43                      |
|                                | 165     | 6775      | 9.32                     | 9.47                     | 12.41                      |
|                                | 169     | 6795      | 9.31                     | 9.44                     | 12.39                      |
|                                | 173     | 6815      | 9.27                     | 9.47                     | 12.38                      |
|                                | 177     | 6835      | 9.37                     | 9.48                     | 12.44                      |
|                                | 181     | 6855      | 9.35                     | 9.53                     | 12.45                      |
| 802.11ax HE40                  | 123     | 6565      | 9.26                     | 9.49                     | 12.39                      |
|                                | 131     | 6605      | 9.3                      | 9.37                     | 12.35                      |
|                                | 139     | 6645      | 9.34                     | 9.42                     | 12.39                      |
|                                | 147     | 6685      | 9.5                      | 9.36                     | 12.44                      |
|                                | 155     | 6725      | 9.25                     | 9.38                     | 12.33                      |
|                                | 163     | 6765      | 9.28                     | 9.39                     | 12.35                      |
|                                | 171     | 6805      | 9.48                     | 9.39                     | 12.45                      |
|                                | 179     | 6845      | 9.23                     | 9.42                     | 12.34                      |
| 802.11ax HE80                  | 187     | 6885      | 4.86                     | 4.88                     | 7.88                       |
|                                | 135     | 6625      | 9.37                     | 9.37                     | 12.38                      |
|                                | 151     | 6705      | 9.33                     | 9.54                     | 12.45                      |
|                                | 167     | 6785      | 9.43                     | 9.54                     | 12.5                       |
| 802.11ax HE160                 | 183     | 6865      | 7.85                     | 7.87                     | 10.87                      |
|                                | 143     | 6665      | 9.45                     | 9.85                     | 12.66                      |
|                                | 175     | 6825      | 8.94                     | 8.33                     | 11.66                      |

| Conducted Power (Full)_DBS OFF |         |           |                          |
|--------------------------------|---------|-----------|--------------------------|
| UNII-8 Ant 1                   |         |           |                          |
| Mode                           | Channel | Frequency | SISO Ant 1<br>Avg. Power |
| 802.11a                        | 185     | 6875      | 1.03                     |
|                                | 189     | 6895      | 1.03                     |
|                                | 193     | 6915      | 1.05                     |
|                                | 197     | 6935      | 1.02                     |
|                                | 201     | 6955      | 1                        |
|                                | 205     | 6975      | 1.11                     |
|                                | 209     | 6995      | 1.17                     |
|                                | 213     | 7015      | 1.11                     |
|                                | 217     | 7035      | 1.15                     |
|                                | 221     | 7055      | 1.15                     |
|                                | 225     | 7075      | 1.17                     |
|                                | 229     | 7095      | 1.2                      |
|                                | 233     | 7115      | 0.52                     |
| 802.11ax HE20                  | 185     | 6875      | 2.12                     |
|                                | 189     | 6895      | 2                        |
|                                | 193     | 6915      | 2.15                     |
|                                | 197     | 6935      | 2.04                     |
|                                | 201     | 6955      | 2.17                     |
|                                | 205     | 6975      | 2.02                     |
|                                | 209     | 6995      | 2.14                     |
|                                | 213     | 7015      | 2.02                     |
|                                | 217     | 7035      | 2.12                     |
|                                | 221     | 7055      | 2.15                     |
|                                | 225     | 7075      | 2.19                     |
|                                | 229     | 7095      | 2.12                     |
|                                | 233     | 7115      | -1.34                    |
| 802.11ax HE40                  | 195     | 6925      | 5.09                     |
|                                | 203     | 6965      | 5.02                     |
|                                | 211     | 7005      | 5.02                     |
|                                | 219     | 7045      | 5.09                     |
|                                | 227     | 7085      | 5.14                     |
| 802.11ax HE80                  | 199     | 6945      | 8.11                     |
|                                | 215     | 7025      | 8.08                     |
| 802.11ax HE160                 | 207     | 6985      | 8.98                     |

| Conducted Power (Full)_DBS OFF |         |           |                          |
|--------------------------------|---------|-----------|--------------------------|
| UNII-8 Ant 2                   |         |           |                          |
| Mode                           | Channel | Frequency | SISO Ant 2<br>Avg. Power |
| 802.11a                        | 185     | 6875      | 1.16                     |
|                                | 189     | 6895      | 1.14                     |
|                                | 193     | 6915      | 1.09                     |
|                                | 197     | 6935      | 1.08                     |
|                                | 201     | 6955      | 1.05                     |
|                                | 205     | 6975      | 1.21                     |
|                                | 209     | 6995      | 1.24                     |
|                                | 213     | 7015      | 1.19                     |
|                                | 217     | 7035      | 1.12                     |
|                                | 221     | 7055      | 1.16                     |
|                                | 225     | 7075      | 1.16                     |
|                                | 229     | 7095      | 1.18                     |
|                                | 233     | 7115      | 0.66                     |
| 802.11ax HE20                  | 185     | 6875      | 2.07                     |
|                                | 189     | 6895      | 2.18                     |
|                                | 193     | 6915      | 2.15                     |
|                                | 197     | 6935      | 2.2                      |
|                                | 201     | 6955      | 2.09                     |
|                                | 205     | 6975      | 2.19                     |
|                                | 209     | 6995      | 2.23                     |
|                                | 213     | 7015      | 2.05                     |
|                                | 217     | 7035      | 2.25                     |
|                                | 221     | 7055      | 2.22                     |
|                                | 225     | 7075      | 2.21                     |
|                                | 229     | 7095      | 2.14                     |
|                                | 233     | 7115      | -1.29                    |
| 802.11ax HE40                  | 195     | 6925      | 5.15                     |
|                                | 203     | 6965      | 5.16                     |
|                                | 211     | 7005      | 5.11                     |
|                                | 219     | 7045      | 5.24                     |
|                                | 227     | 7085      | 5.25                     |
| 802.11ax HE80                  | 199     | 6945      | 8.17                     |
|                                | 215     | 7025      | 8.21                     |
| 802.11ax HE160                 | 207     | 6985      | 8.73                     |

| Conducted Power (Full)_DBS OFF |         |           |                          |                          |                            |
|--------------------------------|---------|-----------|--------------------------|--------------------------|----------------------------|
| UNII-8 Ant 1+2                 |         |           |                          |                          |                            |
| Mode                           | Channel | Frequency | MIMO Ant 1<br>Avg. Power | MIMO Ant 2<br>Avg. Power | MIMO Ant 1+2<br>Avg. Power |
| 802.11a                        | 185     | 6875      | 1.3                      | -0.1                     | 3.67                       |
|                                | 189     | 6895      | 1.28                     | -0.09                    | 3.66                       |
|                                | 193     | 6915      | 1.16                     | -0.01                    | 3.62                       |
|                                | 197     | 6935      | 1.28                     | -0.05                    | 3.68                       |
|                                | 201     | 6955      | 1.29                     | 0.03                     | 3.72                       |
|                                | 205     | 6975      | 1.26                     | 0.1                      | 3.73                       |
|                                | 209     | 6995      | 1.2                      | 0.09                     | 3.69                       |
|                                | 213     | 7015      | 1.3                      | -0.02                    | 3.7                        |
|                                | 217     | 7035      | 1.05                     | -0.1                     | 3.52                       |
|                                | 221     | 7055      | 1.13                     | -0.03                    | 3.6                        |
|                                | 225     | 7075      | 1.14                     | -0.09                    | 3.58                       |
|                                | 229     | 7095      | 1.09                     | -0.01                    | 3.59                       |
|                                | 233     | 7115      | 0.8                      | -0.57                    | 3.18                       |
| 802.11ax HE20                  | 185     | 6875      | 2.21                     | 0.96                     | 4.64                       |
|                                | 189     | 6895      | 2.12                     | 1                        | 4.61                       |
|                                | 193     | 6915      | 2.11                     | 1.09                     | 4.64                       |
|                                | 197     | 6935      | 2.27                     | 1.04                     | 4.71                       |
|                                | 201     | 6955      | 2.25                     | 1.07                     | 4.71                       |
|                                | 205     | 6975      | 2.27                     | 1.06                     | 4.72                       |
|                                | 209     | 6995      | 2.17                     | 1.04                     | 4.65                       |
|                                | 213     | 7015      | 2.09                     | 1.09                     | 4.63                       |
|                                | 217     | 7035      | 2.22                     | 1.06                     | 4.69                       |
|                                | 221     | 7055      | 2.28                     | 1.05                     | 4.72                       |
|                                | 225     | 7075      | 2.07                     | 1.08                     | 4.61                       |
|                                | 229     | 7095      | 2.2                      | 1.05                     | 4.67                       |
|                                | 233     | 7115      | -1.38                    | -2.49                    | 1.11                       |
| 802.11ax HE40                  | 195     | 6925      | 5.2                      | 4.06                     | 7.68                       |
|                                | 203     | 6965      | 5.08                     | 3.98                     | 7.58                       |
|                                | 211     | 7005      | 5.08                     | 4.09                     | 7.62                       |
|                                | 219     | 7045      | 5.28                     | 4.04                     | 7.71                       |
|                                | 227     | 7085      | 5.19                     | 3.91                     | 7.61                       |
| 802.11ax HE80                  | 199     | 6945      | 8.25                     | 6.91                     | 10.64                      |
|                                | 215     | 7025      | 8.15                     | 7.07                     | 10.65                      |
| 802.11ax HE160                 | 207     | 6985      | 8.89                     | 7.63                     | 11.32                      |

| Conducted Power (Full) DBS ON |         |           |                          |
|-------------------------------|---------|-----------|--------------------------|
| WLAN2.4GHz Ant 1              |         |           |                          |
| Mode                          | Channel | Frequency | SISO Ant 1<br>Avg. Power |
| 802.11b                       | 1       | 2412      | 9.85                     |
|                               | 6       | 2437      | 9.95                     |
|                               | 11      | 2462      | 9.93                     |
|                               | 12      | 2467      | 9.75                     |
|                               | 13      | 2472      | 9.79                     |
| 802.11g                       | 1       | 2412      | 9.73                     |
|                               | 6       | 2437      | 9.69                     |
|                               | 11      | 2462      | 9.74                     |
|                               | 12      | 2467      | 9.72                     |
|                               | 13      | 2472      | 3.78                     |
| 802.11n HT20                  | 1       | 2412      | 9.8                      |
|                               | 6       | 2437      | 9.72                     |
|                               | 11      | 2462      | 9.68                     |
|                               | 12      | 2467      | 9.8                      |
|                               | 13      | 2472      | 3.26                     |
| 802.11n HT40                  | 3       | 2422      | 9.78                     |
|                               | 6       | 2437      | 9.8                      |
|                               | 9       | 2452      | 9.68                     |
|                               | 10      | 2457      | 9.71                     |
|                               | 11      | 2462      | 5.23                     |
| VHT20                         | 1       | 2412      | 9.68                     |
|                               | 6       | 2437      | 9.75                     |
|                               | 11      | 2462      | 9.66                     |
|                               | 12      | 2467      | 9.77                     |
|                               | 13      | 2472      | 3.25                     |
| VHT40                         | 3       | 2422      | 9.69                     |
|                               | 6       | 2437      | 9.8                      |
|                               | 9       | 2452      | 9.73                     |
|                               | 10      | 2457      | 9.69                     |
|                               | 11      | 2462      | 5.3                      |
| 802.11ax HE20                 | 1       | 2412      | 9.71                     |
|                               | 6       | 2437      | 9.78                     |
|                               | 11      | 2462      | 9.75                     |
|                               | 12      | 2467      | 9.76                     |
|                               | 13      | 2472      | 3.18                     |
| 802.11ax HE40                 | 3       | 2422      | 9.68                     |
|                               | 6       | 2437      | 9.71                     |
|                               | 9       | 2452      | 9.65                     |
|                               | 10      | 2457      | 9.73                     |
|                               | 11      | 2462      | 5.15                     |

| Conducted Power (Full) DBS ON |         |           |                          |
|-------------------------------|---------|-----------|--------------------------|
| WLAN2.4GHz Ant 2              |         |           |                          |
| Mode                          | Channel | Frequency | SISO Ant 2<br>Avg. Power |
| 802.11b                       | 1       | 2412      | 9.92                     |
|                               | 6       | 2437      | 9.96                     |
|                               | 11      | 2462      | 9.65                     |
|                               | 12      | 2467      | 9.89                     |
|                               | 13      | 2472      | 9.73                     |
| 802.11g                       | 1       | 2412      | 9.8                      |
|                               | 6       | 2437      | 9.76                     |
|                               | 11      | 2462      | 9.77                     |
|                               | 12      | 2467      | 9.78                     |
|                               | 13      | 2472      | 3.74                     |
| 802.11n HT20                  | 1       | 2412      | 9.71                     |
|                               | 6       | 2437      | 9.68                     |
|                               | 11      | 2462      | 9.65                     |
|                               | 12      | 2467      | 9.67                     |
|                               | 13      | 2472      | 3.24                     |
| 802.11n HT40                  | 3       | 2422      | 9.62                     |
|                               | 6       | 2437      | 9.78                     |
|                               | 9       | 2452      | 9.61                     |
|                               | 10      | 2457      | 9.79                     |
|                               | 11      | 2462      | 5.16                     |
| VHT20                         | 1       | 2412      | 9.78                     |
|                               | 6       | 2437      | 9.61                     |
|                               | 11      | 2462      | 9.65                     |
|                               | 12      | 2467      | 9.76                     |
|                               | 13      | 2472      | 3.2                      |
| VHT40                         | 3       | 2422      | 9.77                     |
|                               | 6       | 2437      | 9.63                     |
|                               | 9       | 2452      | 9.72                     |
|                               | 10      | 2457      | 9.65                     |
|                               | 11      | 2462      | 5.2                      |
| 802.11ax HE20                 | 1       | 2412      | 9.73                     |
|                               | 6       | 2437      | 9.74                     |
|                               | 11      | 2462      | 9.74                     |
|                               | 12      | 2467      | 9.79                     |
|                               | 13      | 2472      | 3.2                      |
| 802.11ax HE40                 | 3       | 2422      | 9.72                     |
|                               | 6       | 2437      | 9.67                     |
|                               | 9       | 2452      | 9.66                     |
|                               | 10      | 2457      | 9.66                     |
|                               | 11      | 2462      | 5.21                     |

| Conducted Power (Full) DBS ON |         |           |                          |                          |                            |
|-------------------------------|---------|-----------|--------------------------|--------------------------|----------------------------|
| WLAN2.4GHz Ant 1+2            |         |           |                          |                          |                            |
| Mode                          | Channel | Frequency | MIMO Ant 1<br>Avg. Power | MIMO Ant 2<br>Avg. Power | MIMO Ant 1+2<br>Avg. Power |
| 802.11b                       | 1       | 2412      | 9.39                     | 9.75                     | 12.58                      |
|                               | 6       | 2437      | 9.54                     | 9.91                     | 12.74                      |
|                               | 11      | 2462      | 9.34                     | 9.96                     | 12.67                      |
|                               | 12      | 2467      | 9.43                     | 9.82                     | 12.64                      |
|                               | 13      | 2472      | 9.34                     | 9.91                     | 12.64                      |
| 802.11g                       | 1       | 2412      | 9.16                     | 9.56                     | 12.37                      |
|                               | 6       | 2437      | 9.24                     | 9.69                     | 12.48                      |
|                               | 11      | 2462      | 9.34                     | 9.51                     | 12.44                      |
|                               | 12      | 2467      | 9.36                     | 9.67                     | 12.53                      |
|                               | 13      | 2472      | 3.25                     | 3.6                      | 6.44                       |
| 802.11n HT20                  | 1       | 2412      | 9.19                     | 9.53                     | 12.37                      |
|                               | 6       | 2437      | 9.27                     | 9.59                     | 12.44                      |
|                               | 11      | 2462      | 9.23                     | 9.55                     | 12.40                      |
|                               | 12      | 2467      | 9.4                      | 9.56                     | 12.49                      |
|                               | 13      | 2472      | 2.87                     | 3.06                     | 5.98                       |
| 802.11n HT40                  | 3       | 2422      | 9.29                     | 9.67                     | 12.49                      |
|                               | 6       | 2437      | 9.17                     | 9.58                     | 12.39                      |
|                               | 9       | 2452      | 9.3                      | 9.66                     | 12.49                      |
|                               | 10      | 2457      | 9.15                     | 9.66                     | 12.42                      |
|                               | 11      | 2462      | 4.82                     | 5.2                      | 8.02                       |
| VHT20                         | 1       | 2412      | 9.31                     | 9.64                     | 12.49                      |
|                               | 6       | 2437      | 9.25                     | 9.61                     | 12.44                      |
|                               | 11      | 2462      | 9.21                     | 9.69                     | 12.47                      |
|                               | 12      | 2467      | 9.2                      | 9.58                     | 12.40                      |
|                               | 13      | 2472      | 2.9                      | 3.05                     | 5.99                       |
| VHT40                         | 3       | 2422      | 9.21                     | 9.67                     | 12.46                      |
|                               | 6       | 2437      | 9.37                     | 9.66                     | 12.53                      |
|                               | 9       | 2452      | 9.15                     | 9.52                     | 12.35                      |
|                               | 10      | 2457      | 9.16                     | 9.68                     | 12.44                      |
|                               | 11      | 2462      | 4.79                     | 5.11                     | 7.96                       |
| 802.11ax HE20                 | 1       | 2412      | 9.16                     | 9.57                     | 12.38                      |
|                               | 6       | 2437      | 9.29                     | 9.69                     | 12.50                      |
|                               | 11      | 2462      | 9.16                     | 9.52                     | 12.35                      |
|                               | 12      | 2467      | 9.34                     | 9.58                     | 12.47                      |
|                               | 13      | 2472      | 2.69                     | 3.15                     | 5.94                       |
| 802.11ax HE40                 | 3       | 2422      | 9.19                     | 9.59                     | 12.40                      |
|                               | 6       | 2437      | 9.33                     | 9.5                      | 12.43                      |
|                               | 9       | 2452      | 9.28                     | 9.59                     | 12.45                      |
|                               | 10      | 2457      | 9.34                     | 9.69                     | 12.53                      |
|                               | 11      | 2462      | 4.66                     | 5.16                     | 7.93                       |

| Conducted Power (Full) DBS ON |         |           |                          |
|-------------------------------|---------|-----------|--------------------------|
| WLAN 5.2GHz Ant 1             |         |           |                          |
| Mode                          | Channel | Frequency | SISO Ant 1<br>Avg. Power |
| 802.11a                       | 36      | 5180      | 11.94                    |
|                               | 40      | 5200      | 11.92                    |
|                               | 44      | 5220      | 11.98                    |
|                               | 48      | 5240      | 12.02                    |
| 802.11n HT20                  | 36      | 5180      | 11.99                    |
|                               | 40      | 5200      | 11.97                    |
|                               | 44      | 5220      | 11.97                    |
|                               | 48      | 5240      | 11.9                     |
| 802.11n HT40                  | 38      | 5190      | 11.93                    |
|                               | 46      | 5230      | 12                       |
| 802.11ac VHT20                | 36      | 5180      | 12.05                    |
|                               | 40      | 5200      | 11.94                    |
|                               | 44      | 5220      | 11.87                    |
|                               | 48      | 5240      | 12.05                    |
| 802.11ac VHT40                | 38      | 5190      | 11.95                    |
|                               | 46      | 5230      | 11.98                    |
| 802.11ac VHT80                | 42      | 5210      | 12.11                    |
| 802.11ax HE20                 | 36      | 5180      | 11.93                    |
|                               | 40      | 5200      | 11.96                    |
|                               | 44      | 5220      | 11.98                    |
|                               | 48      | 5240      | 11.85                    |
| 802.11ax HE40                 | 38      | 5190      | 11.89                    |
|                               | 46      | 5230      | 11.85                    |
| 802.11ax HE80                 | 42      | 5210      | 11.92                    |

| Conducted Power (Full) DBS ON |         |           |                          |
|-------------------------------|---------|-----------|--------------------------|
| WLAN 5.2GHz Ant 2             |         |           |                          |
| Mode                          | Channel | Frequency | SISO Ant 2<br>Avg. Power |
| 802.11a                       | 36      | 5180      | 12.16                    |
|                               | 40      | 5200      | 12.01                    |
|                               | 44      | 5220      | 12.08                    |
|                               | 48      | 5240      | 12.18                    |
| 802.11n HT20                  | 36      | 5180      | 12.06                    |
|                               | 40      | 5200      | 12.01                    |
|                               | 44      | 5220      | 12.03                    |
|                               | 48      | 5240      | 12.11                    |
| 802.11n HT40                  | 38      | 5190      | 12.18                    |
|                               | 46      | 5230      | 12.19                    |
| 802.11ac VHT20                | 36      | 5180      | 12.18                    |
|                               | 40      | 5200      | 12.05                    |
|                               | 44      | 5220      | 12.1                     |
|                               | 48      | 5240      | 12.08                    |
| 802.11ac VHT40                | 38      | 5190      | 12.19                    |
|                               | 46      | 5230      | 12.17                    |
| 802.11ac VHT80                | 42      | 5210      | 12.21                    |
| 802.11ax HE20                 | 36      | 5180      | 12.11                    |
|                               | 40      | 5200      | 12.17                    |
|                               | 44      | 5220      | 12.11                    |
|                               | 48      | 5240      | 12.16                    |
| 802.11ax HE40                 | 38      | 5190      | 12.03                    |
|                               | 46      | 5230      | 12.02                    |
| 802.11ax HE80                 | 42      | 5210      | 12.1                     |

| Conducted Power (Full) DBS ON |         |           |                          |                          |                            |
|-------------------------------|---------|-----------|--------------------------|--------------------------|----------------------------|
| WLAN 5.2GHz Ant 1+2           |         |           |                          |                          |                            |
| Mode                          | Channel | Frequency | MIMO Ant 1<br>Avg. Power | MIMO Ant 2<br>Avg. Power | MIMO Ant 1+2<br>Avg. Power |
| 802.11a                       | 36      | 5180      | 12.26                    | 10.82                    | 14.61                      |
|                               | 40      | 5200      | 12.19                    | 10.95                    | 14.62                      |
|                               | 44      | 5220      | 12.22                    | 10.92                    | 14.63                      |
|                               | 48      | 5240      | 12.21                    | 11                       | 14.66                      |
| 802.11n HT20                  | 36      | 5180      | 12.25                    | 10.87                    | 14.62                      |
|                               | 40      | 5200      | 12.21                    | 10.91                    | 14.62                      |
|                               | 44      | 5220      | 12.18                    | 10.84                    | 14.57                      |
|                               | 48      | 5240      | 12.16                    | 10.86                    | 14.57                      |
| 802.11n HT40                  | 38      | 5190      | 12.29                    | 10.83                    | 14.63                      |
|                               | 46      | 5230      | 12.18                    | 10.89                    | 14.59                      |
| 802.11ac VHT20                | 36      | 5180      | 12.27                    | 10.91                    | 14.65                      |
|                               | 40      | 5200      | 12.24                    | 10.87                    | 14.62                      |
|                               | 44      | 5220      | 12.25                    | 10.99                    | 14.68                      |
|                               | 48      | 5240      | 12.2                     | 10.95                    | 14.63                      |
| 802.11ac VHT40                | 38      | 5190      | 12.26                    | 10.91                    | 14.65                      |
|                               | 46      | 5230      | 12.21                    | 10.98                    | 14.65                      |
| 802.11ac VHT80                | 42      | 5210      | 12.35                    | 11.09                    | 14.78                      |
| 802.11ax HE20                 | 36      | 5180      | 12.15                    | 10.9                     | 14.58                      |
|                               | 40      | 5200      | 12.22                    | 10.87                    | 14.61                      |
|                               | 44      | 5220      | 12.16                    | 10.89                    | 14.58                      |
|                               | 48      | 5240      | 12.22                    | 10.89                    | 14.62                      |
| 802.11ax HE40                 | 38      | 5190      | 12.3                     | 10.81                    | 14.63                      |
|                               | 46      | 5230      | 12.25                    | 10.8                     | 14.6                       |
| 802.11ax HE80                 | 42      | 5210      | 12.22                    | 10.9                     | 14.62                      |

| Conducted Power (Full) DBS ON |         |           |                          |
|-------------------------------|---------|-----------|--------------------------|
| WLAN 5.3GHz Ant 1             |         |           |                          |
| Mode                          | Channel | Frequency | SISO Ant 1<br>Avg. Power |
| 802.11a                       | 52      | 5260      | 11.97                    |
|                               | 56      | 5280      | 11.97                    |
|                               | 60      | 5300      | 11.85                    |
|                               | 64      | 5320      | 11.94                    |
| 802.11n HT20                  | 52      | 5260      | 12.04                    |
|                               | 56      | 5280      | 11.99                    |
|                               | 60      | 5300      | 11.89                    |
|                               | 64      | 5320      | 11.92                    |
| 802.11n HT40                  | 54      | 5270      | 11.91                    |
|                               | 62      | 5310      | 11.88                    |
| 802.11ac VHT20                | 52      | 5260      | 12.03                    |
|                               | 56      | 5280      | 12.02                    |
|                               | 60      | 5300      | 11.86                    |
|                               | 64      | 5320      | 11.93                    |
| 802.11ac VHT40                | 54      | 5270      | 12.03                    |
|                               | 62      | 5310      | 11.97                    |
| 802.11ac VHT80                | 58      | 5290      | 11.88                    |
| 802.11ac VHT160               | 50      | 5250      | 12.15                    |
| 802.11ax HE20                 | 52      | 5260      | 11.89                    |
|                               | 56      | 5280      | 11.87                    |
|                               | 60      | 5300      | 11.97                    |
|                               | 64      | 5320      | 11.91                    |
| 802.11ax HE40                 | 54      | 5270      | 11.95                    |
|                               | 62      | 5310      | 11.88                    |
| 802.11ax HE80                 | 58      | 5290      | 11.97                    |
| 802.11ax HE160                | 50      | 5250      | 12.05                    |

| Conducted Power (Full) DBS ON |         |           |                          |
|-------------------------------|---------|-----------|--------------------------|
| WLAN 5.3GHz Ant 2             |         |           |                          |
| Mode                          | Channel | Frequency | SISO Ant 2<br>Avg. Power |
| 802.11a                       | 52      | 5260      | 12.12                    |
|                               | 56      | 5280      | 12.1                     |
|                               | 60      | 5300      | 12.12                    |
|                               | 64      | 5320      | 12.2                     |
| 802.11n HT20                  | 52      | 5260      | 12.08                    |
|                               | 56      | 5280      | 12.01                    |
|                               | 60      | 5300      | 12.09                    |
|                               | 64      | 5320      | 12.04                    |
| 802.11n HT40                  | 54      | 5270      | 12.19                    |
|                               | 62      | 5310      | 12.05                    |
| 802.11ac VHT20                | 52      | 5260      | 12.17                    |
|                               | 56      | 5280      | 12.04                    |
|                               | 60      | 5300      | 12.12                    |
|                               | 64      | 5320      | 12.15                    |
| 802.11ac VHT40                | 54      | 5270      | 12.16                    |
|                               | 62      | 5310      | 12.06                    |
| 802.11ac VHT80                | 58      | 5290      | 12.15                    |
| 802.11ac VHT160               | 50      | 5250      | 12.25                    |
| 802.11ax HE20                 | 52      | 5260      | 12.2                     |
|                               | 56      | 5280      | 12.15                    |
|                               | 60      | 5300      | 12.02                    |
|                               | 64      | 5320      | 12.01                    |
| 802.11ax HE40                 | 54      | 5270      | 12.13                    |
|                               | 62      | 5310      | 12.14                    |
| 802.11ax HE80                 | 58      | 5290      | 12.12                    |
| 802.11ax HE160                | 50      | 5250      | 12.06                    |

| Conducted Power (Full) DBS ON |         |           |                          |                          |                            |
|-------------------------------|---------|-----------|--------------------------|--------------------------|----------------------------|
| WLAN 5.3GHz Ant 1+2           |         |           |                          |                          |                            |
| Mode                          | Channel | Frequency | MIMO Ant 1<br>Avg. Power | MIMO Ant 2<br>Avg. Power | MIMO Ant 1+2<br>Avg. Power |
| 802.11a                       | 52      | 5260      | 12.07                    | 11.23                    | 14.68                      |
|                               | 56      | 5280      | 12.04                    | 11.24                    | 14.67                      |
|                               | 60      | 5300      | 12.15                    | 11.22                    | 14.72                      |
|                               | 64      | 5320      | 12.18                    | 11.32                    | 14.78                      |
| 802.11n HT20                  | 52      | 5260      | 12.07                    | 11.36                    | 14.74                      |
|                               | 56      | 5280      | 12.01                    | 11.31                    | 14.68                      |
|                               | 60      | 5300      | 12.18                    | 11.26                    | 14.75                      |
|                               | 64      | 5320      | 12.09                    | 11.32                    | 14.73                      |
| 802.11n HT40                  | 54      | 5270      | 12.12                    | 11.27                    | 14.73                      |
|                               | 62      | 5310      | 12.14                    | 11.36                    | 14.78                      |
| 802.11ac VHT20                | 52      | 5260      | 12.18                    | 11.29                    | 14.77                      |
|                               | 56      | 5280      | 12                       | 11.21                    | 14.63                      |
|                               | 60      | 5300      | 12.05                    | 11.24                    | 14.67                      |
|                               | 64      | 5320      | 12.08                    | 11.26                    | 14.7                       |
| 802.11ac VHT40                | 54      | 5270      | 12.04                    | 11.36                    | 14.72                      |
|                               | 62      | 5310      | 12.01                    | 11.26                    | 14.66                      |
| 802.11ac VHT80                | 58      | 5290      | 12.18                    | 11.36                    | 14.8                       |
| 802.11ac VHT160               | 50      | 5250      | 12.25                    | 11.43                    | 14.87                      |
| 802.11ax HE20                 | 52      | 5260      | 12.09                    | 11.35                    | 14.75                      |
|                               | 56      | 5280      | 12                       | 11.36                    | 14.7                       |
|                               | 60      | 5300      | 12.18                    | 11.2                     | 14.73                      |
|                               | 64      | 5320      | 12.07                    | 11.2                     | 14.67                      |
| 802.11ax HE40                 | 54      | 5270      | 12                       | 11.27                    | 14.66                      |
|                               | 62      | 5310      | 12.14                    | 11.25                    | 14.73                      |
| 802.11ax HE80                 | 58      | 5290      | 12.17                    | 11.24                    | 14.74                      |
| 802.11ax HE160                | 50      | 5250      | 12.08                    | 11.4                     | 14.76                      |

| Conducted Power (Full) DBS ON |         |           |                          |
|-------------------------------|---------|-----------|--------------------------|
| WLAN 5.6GHz Ant 1             |         |           |                          |
| Mode                          | Channel | Frequency | SISO Ant 1<br>Avg. Power |
| 802.11a                       | 100     | 5500      | 9.21                     |
|                               | 116     | 5580      | 9.08                     |
|                               | 120     | 5600      | 9.1                      |
|                               | 124     | 5620      | 9.11                     |
|                               | 132     | 5660      | 9.14                     |
|                               | 140     | 5700      | 9.06                     |
|                               | 144     | 5720      | 9.26                     |
| 802.11n HT20                  | 100     | 5500      | 9.16                     |
|                               | 116     | 5580      | 9.15                     |
|                               | 120     | 5600      | 9.17                     |
|                               | 124     | 5620      | 9.19                     |
|                               | 132     | 5660      | 9.29                     |
|                               | 140     | 5700      | 9.08                     |
|                               | 144     | 5720      | 9.17                     |
| 802.11n HT40                  | 102     | 5510      | 9.22                     |
|                               | 110     | 5550      | 9.1                      |
|                               | 118     | 5590      | 9.23                     |
|                               | 126     | 5630      | 9.08                     |
|                               | 134     | 5670      | 9.27                     |
|                               | 142     | 5710      | 9.21                     |
| 802.11ac VHT20                | 100     | 5500      | 9.14                     |
|                               | 116     | 5580      | 9.1                      |
|                               | 120     | 5600      | 9.27                     |
|                               | 124     | 5620      | 9.13                     |
|                               | 132     | 5660      | 9.07                     |
|                               | 140     | 5700      | 9.26                     |
|                               | 144     | 5720      | 9.26                     |
| 802.11ac VHT40                | 102     | 5510      | 9.28                     |
|                               | 110     | 5550      | 9.18                     |
|                               | 118     | 5590      | 9.16                     |
|                               | 126     | 5630      | 9.06                     |
|                               | 134     | 5670      | 9.25                     |
|                               | 142     | 5710      | 9.27                     |
| 802.11ac VHT80                | 106     | 5530      | 9.16                     |
|                               | 122     | 5610      | 9.07                     |
|                               | 138     | 5690      | 9.18                     |
| 802.11ac VHT160               | 114     | 5570      | 9.44                     |
| 802.11ax HE20                 | 100     | 5500      | 9.2                      |
|                               | 116     | 5580      | 9.11                     |
|                               | 120     | 5600      | 9.19                     |
|                               | 124     | 5620      | 9.28                     |
|                               | 132     | 5660      | 9.22                     |
|                               | 140     | 5700      | 9.08                     |
|                               | 144     | 5720      | 9.17                     |
| 802.11ax HE40                 | 102     | 5510      | 9.3                      |
|                               | 110     | 5550      | 9.09                     |
|                               | 118     | 5590      | 9.29                     |
|                               | 126     | 5630      | 9.11                     |
|                               | 134     | 5670      | 9.2                      |
|                               | 142     | 5710      | 9.28                     |
| 802.11ax HE80                 | 106     | 5530      | 9.17                     |
|                               | 122     | 5610      | 9.22                     |
|                               | 138     | 5690      | 9.1                      |
| 802.11ax HE160                | 114     | 5570      | 9.19                     |

| Conducted Power (Full) DBS ON |         |           |                          |
|-------------------------------|---------|-----------|--------------------------|
| WLAN 5.6GHz Ant 2             |         |           |                          |
| Mode                          | Channel | Frequency | SISO Ant 2<br>Avg. Power |
| 802.11a                       | 100     | 5500      | 9.3                      |
|                               | 116     | 5580      | 9.19                     |
|                               | 120     | 5600      | 9.4                      |
|                               | 124     | 5620      | 9.16                     |
|                               | 132     | 5660      | 9.28                     |
|                               | 140     | 5700      | 9.3                      |
|                               | 144     | 5720      | 9.39                     |
| 802.11n HT20                  | 100     | 5500      | 9.22                     |
|                               | 116     | 5580      | 9.25                     |
|                               | 120     | 5600      | 9.26                     |
|                               | 124     | 5620      | 9.4                      |
|                               | 132     | 5660      | 9.28                     |
|                               | 140     | 5700      | 9.32                     |
|                               | 144     | 5720      | 9.15                     |
| 802.11n HT40                  | 102     | 5510      | 9.21                     |
|                               | 110     | 5550      | 9.27                     |
|                               | 118     | 5590      | 9.34                     |
|                               | 126     | 5630      | 9.27                     |
|                               | 134     | 5670      | 9.31                     |
|                               | 142     | 5710      | 9.25                     |
|                               | 100     | 5500      | 9.21                     |
| 802.11ac VHT20                | 116     | 5580      | 9.4                      |
|                               | 120     | 5600      | 9.27                     |
|                               | 124     | 5620      | 9.19                     |
|                               | 132     | 5660      | 9.38                     |
|                               | 140     | 5700      | 9.15                     |
|                               | 144     | 5720      | 9.15                     |
|                               | 102     | 5510      | 9.37                     |
| 802.11ac VHT40                | 110     | 5550      | 9.3                      |
|                               | 118     | 5590      | 9.28                     |
|                               | 126     | 5630      | 9.22                     |
|                               | 134     | 5670      | 9.36                     |
|                               | 142     | 5710      | 9.34                     |
|                               | 106     | 5530      | 9.4                      |
|                               | 122     | 5610      | 9.23                     |
| 802.11ac VHT80                | 138     | 5690      | 9.21                     |
|                               | 114     | 5570      | 9.46                     |
| 802.11ax HE20                 | 100     | 5500      | 9.16                     |
|                               | 116     | 5580      | 9.26                     |
|                               | 120     | 5600      | 9.17                     |
|                               | 124     | 5620      | 9.25                     |
|                               | 132     | 5660      | 9.28                     |
|                               | 140     | 5700      | 9.31                     |
|                               | 144     | 5720      | 9.26                     |
| 802.11ax HE40                 | 102     | 5510      | 9.38                     |
|                               | 110     | 5550      | 9.4                      |
|                               | 118     | 5590      | 9.18                     |
|                               | 126     | 5630      | 9.28                     |
|                               | 134     | 5670      | 9.27                     |
|                               | 142     | 5710      | 9.32                     |
|                               | 106     | 5530      | 9.19                     |
| 802.11ax HE80                 | 122     | 5610      | 9.39                     |
|                               | 138     | 5690      | 9.17                     |
| 802.11ax HE160                | 114     | 5570      | 9.16                     |

| Conducted Power (Full) DBS ON |         |           |                          |                          |                            |
|-------------------------------|---------|-----------|--------------------------|--------------------------|----------------------------|
| WLAN 5.6GHz Ant 1+2           |         |           |                          |                          |                            |
| Mode                          | Channel | Frequency | MIMO Ant 1<br>Avg. Power | MIMO Ant 2<br>Avg. Power | MIMO Ant 1+2<br>Avg. Power |
| 802.11a                       | 100     | 5500      | 9.33                     | 9.31                     | 12.33                      |
|                               | 116     | 5580      | 9.26                     | 9.29                     | 12.29                      |
|                               | 120     | 5600      | 9.31                     | 9.33                     | 12.33                      |
|                               | 124     | 5620      | 9.26                     | 9.28                     | 12.28                      |
|                               | 132     | 5660      | 9.3                      | 9.2                      | 12.26                      |
|                               | 140     | 5700      | 9.16                     | 9.17                     | 12.18                      |
| 802.11n HT20                  | 144     | 5720      | 9.18                     | 9.29                     | 12.25                      |
|                               | 100     | 5500      | 9.31                     | 9.15                     | 12.24                      |
|                               | 116     | 5580      | 9.3                      | 9.15                     | 12.24                      |
|                               | 120     | 5600      | 9.31                     | 9.24                     | 12.29                      |
|                               | 124     | 5620      | 9.2                      | 9.34                     | 12.28                      |
|                               | 132     | 5660      | 9.15                     | 9.15                     | 12.16                      |
| 802.11n HT40                  | 140     | 5700      | 9.26                     | 9.24                     | 12.26                      |
|                               | 144     | 5720      | 9.3                      | 9.29                     | 12.31                      |
|                               | 102     | 5510      | 9.29                     | 9.2                      | 12.26                      |
|                               | 110     | 5550      | 9.26                     | 9.31                     | 12.3                       |
|                               | 118     | 5590      | 9.29                     | 9.27                     | 12.29                      |
|                               | 126     | 5630      | 9.26                     | 9.34                     | 12.31                      |
| 802.11ac VHT20                | 134     | 5670      | 9.16                     | 9.26                     | 12.22                      |
|                               | 142     | 5710      | 9.35                     | 9.19                     | 12.28                      |
|                               | 100     | 5500      | 9.27                     | 9.21                     | 12.25                      |
|                               | 116     | 5580      | 9.22                     | 9.32                     | 12.28                      |
|                               | 120     | 5600      | 9.15                     | 9.34                     | 12.26                      |
|                               | 124     | 5620      | 9.15                     | 9.32                     | 12.25                      |
| 802.11ac VHT40                | 132     | 5660      | 9.32                     | 9.19                     | 12.27                      |
|                               | 140     | 5700      | 9.22                     | 9.31                     | 12.28                      |
|                               | 144     | 5720      | 9.23                     | 9.17                     | 12.21                      |
|                               | 102     | 5510      | 9.34                     | 9.17                     | 12.27                      |
|                               | 110     | 5550      | 9.25                     | 9.15                     | 12.21                      |
|                               | 118     | 5590      | 9.33                     | 9.17                     | 12.26                      |
| 802.11ac VHT80                | 126     | 5630      | 9.35                     | 9.26                     | 12.32                      |
|                               | 134     | 5670      | 9.33                     | 9.24                     | 12.3                       |
|                               | 142     | 5710      | 9.2                      | 9.23                     | 12.23                      |
|                               | 106     | 5530      | 9.27                     | 9.34                     | 12.32                      |
| 802.11ac VHT160               | 122     | 5610      | 9.29                     | 9.28                     | 12.3                       |
|                               | 138     | 5690      | 9.17                     | 9.33                     | 12.26                      |
| 802.11ax HE20                 | 114     | 5570      | 9.48                     | 9.46                     | 12.48                      |
|                               | 100     | 5500      | 9.35                     | 9.17                     | 12.27                      |
|                               | 116     | 5580      | 9.22                     | 9.32                     | 12.28                      |
|                               | 120     | 5600      | 9.26                     | 9.32                     | 12.3                       |
|                               | 124     | 5620      | 9.22                     | 9.16                     | 12.2                       |
|                               | 132     | 5660      | 9.22                     | 9.19                     | 12.22                      |
| 802.11ax HE40                 | 140     | 5700      | 9.27                     | 9.22                     | 12.26                      |
|                               | 144     | 5720      | 9.34                     | 9.35                     | 12.36                      |
|                               | 102     | 5510      | 9.3                      | 9.17                     | 12.25                      |
|                               | 110     | 5550      | 9.27                     | 9.16                     | 12.23                      |
|                               | 118     | 5590      | 9.26                     | 9.15                     | 12.22                      |
|                               | 126     | 5630      | 9.27                     | 9.28                     | 12.29                      |
| 802.11ax HE80                 | 134     | 5670      | 9.16                     | 9.17                     | 12.18                      |
|                               | 142     | 5710      | 9.18                     | 9.32                     | 12.26                      |
|                               | 106     | 5530      | 9.33                     | 9.28                     | 12.32                      |
|                               | 122     | 5610      | 9.33                     | 9.25                     | 12.3                       |
| 802.11ax HE160                | 138     | 5690      | 9.33                     | 9.18                     | 12.27                      |
|                               | 114     | 5570      | 9.27                     | 9.27                     | 12.28                      |

| Conducted Power (Full) DBS ON |         |           |                          |
|-------------------------------|---------|-----------|--------------------------|
| WLAN 5.8GHz Ant 1             |         |           |                          |
| Mode                          | Channel | Frequency | SISO Ant 1<br>Avg. Power |
| 802.11a                       | 149     | 5745      | 9.25                     |
|                               | 153     | 5765      | 9.18                     |
|                               | 157     | 5785      | 9.35                     |
|                               | 161     | 5805      | 9.25                     |
|                               | 165     | 5825      | 9.19                     |
| 802.11n HT20                  | 149     | 5745      | 9.2                      |
|                               | 153     | 5765      | 9.16                     |
|                               | 157     | 5785      | 9.17                     |
|                               | 161     | 5805      | 9.3                      |
|                               | 165     | 5825      | 9.25                     |
| 802.11n HT40                  | 151     | 5755      | 9.16                     |
|                               | 159     | 5795      | 9.29                     |
| 802.11ac VHT20                | 149     | 5745      | 9.24                     |
|                               | 153     | 5765      | 9.34                     |
|                               | 157     | 5785      | 9.35                     |
|                               | 161     | 5805      | 9.32                     |
|                               | 165     | 5825      | 9.27                     |
| 802.11ac VHT40                | 151     | 5755      | 9.27                     |
|                               | 159     | 5795      | 9.19                     |
| 802.11ac VHT80                | 155     | 5775      | 9.49                     |
| 802.11ax HE20                 | 149     | 5745      | 9.24                     |
|                               | 153     | 5765      | 9.19                     |
|                               | 157     | 5785      | 9.32                     |
|                               | 161     | 5805      | 9.34                     |
|                               | 165     | 5825      | 9.35                     |
| 802.11ax HE40                 | 151     | 5755      | 9.21                     |
|                               | 159     | 5795      | 9.21                     |
| 802.11ax HE80                 | 155     | 5775      | 9.29                     |

| Conducted Power (Full) DBS ON |         |           |                          |
|-------------------------------|---------|-----------|--------------------------|
| WLAN 5.8GHz Ant 2             |         |           |                          |
| Mode                          | Channel | Frequency | SISO Ant 2<br>Avg. Power |
| 802.11a                       | 149     | 5745      | 9.17                     |
|                               | 153     | 5765      | 9.29                     |
|                               | 157     | 5785      | 9.19                     |
|                               | 161     | 5805      | 9.2                      |
|                               | 165     | 5825      | 9.22                     |
| 802.11n HT20                  | 149     | 5745      | 9.35                     |
|                               | 153     | 5765      | 9.23                     |
|                               | 157     | 5785      | 9.19                     |
|                               | 161     | 5805      | 9.22                     |
|                               | 165     | 5825      | 9.15                     |
| 802.11n HT40                  | 151     | 5755      | 9.34                     |
|                               | 159     | 5795      | 9.31                     |
| 802.11ac VHT20                | 149     | 5745      | 9.33                     |
|                               | 153     | 5765      | 9.26                     |
|                               | 157     | 5785      | 9.2                      |
|                               | 161     | 5805      | 9.29                     |
|                               | 165     | 5825      | 9.29                     |
| 802.11ac VHT40                | 151     | 5755      | 9.34                     |
|                               | 159     | 5795      | 9.31                     |
| 802.11ac VHT80                | 155     | 5775      | 9.46                     |
| 802.11ax HE20                 | 149     | 5745      | 9.22                     |
|                               | 153     | 5765      | 9.19                     |
|                               | 157     | 5785      | 9.24                     |
|                               | 161     | 5805      | 9.33                     |
|                               | 165     | 5825      | 9.23                     |
| 802.11ax HE40                 | 151     | 5755      | 9.26                     |
|                               | 159     | 5795      | 9.34                     |
| 802.11ax HE80                 | 155     | 5775      | 9.29                     |

| Conducted Power (Full) DBS ON |         |           |                          |                          |                            |
|-------------------------------|---------|-----------|--------------------------|--------------------------|----------------------------|
| WLAN 5.8GHz Ant 1+2           |         |           |                          |                          |                            |
| Mode                          | Channel | Frequency | MIMO Ant 1<br>Avg. Power | MIMO Ant 2<br>Avg. Power | MIMO Ant 1+2<br>Avg. Power |
| 802.11a                       | 149     | 5745      | 9.04                     | 9.34                     | 12.2                       |
|                               | 153     | 5765      | 8.94                     | 9.33                     | 12.15                      |
|                               | 157     | 5785      | 8.95                     | 9.18                     | 12.08                      |
|                               | 161     | 5805      | 8.91                     | 9.19                     | 12.06                      |
|                               | 165     | 5825      | 9.03                     | 9.24                     | 12.15                      |
| 802.11n HT20                  | 149     | 5745      | 8.91                     | 9.34                     | 12.14                      |
|                               | 153     | 5765      | 9.1                      | 9.21                     | 12.17                      |
|                               | 157     | 5785      | 9.05                     | 9.34                     | 12.21                      |
|                               | 161     | 5805      | 9.1                      | 9.19                     | 12.16                      |
|                               | 165     | 5825      | 9.01                     | 9.3                      | 12.17                      |
| 802.11n HT40                  | 151     | 5755      | 9.03                     | 9.28                     | 12.17                      |
|                               | 159     | 5795      | 9.02                     | 9.22                     | 12.13                      |
| 802.11ac VHT20                | 149     | 5745      | 9.06                     | 9.32                     | 12.2                       |
|                               | 153     | 5765      | 9                        | 9.25                     | 12.14                      |
|                               | 157     | 5785      | 8.93                     | 9.16                     | 12.06                      |
|                               | 161     | 5805      | 9.01                     | 9.22                     | 12.13                      |
|                               | 165     | 5825      | 9.1                      | 9.3                      | 12.21                      |
| 802.11ac VHT40                | 151     | 5755      | 9.01                     | 9.35                     | 12.19                      |
|                               | 159     | 5795      | 8.94                     | 9.15                     | 12.06                      |
| 802.11ac VHT80                | 155     | 5775      | 9.16                     | 9.48                     | 12.33                      |
| 802.11ax HE20                 | 149     | 5745      | 9.1                      | 9.19                     | 12.16                      |
|                               | 153     | 5765      | 8.92                     | 9.34                     | 12.15                      |
|                               | 157     | 5785      | 8.93                     | 9.29                     | 12.12                      |
|                               | 161     | 5805      | 8.93                     | 9.15                     | 12.05                      |
|                               | 165     | 5825      | 9.06                     | 9.31                     | 12.2                       |
| 802.11ax HE40                 | 151     | 5755      | 9.09                     | 9.17                     | 12.14                      |
|                               | 159     | 5795      | 9.05                     | 9.32                     | 12.2                       |
| 802.11ax HE80                 | 155     | 5775      | 9.06                     | 9.2                      | 12.14                      |

| Conducted Power (Full) DBS ON |         |           |                          |
|-------------------------------|---------|-----------|--------------------------|
| WLAN 5.9GHz Ant 1             |         |           |                          |
| Mode                          | Channel | Frequency | SISO Ant 1<br>Avg. Power |
| 802.11a                       | 169     | 5845      | 9.17                     |
|                               | 173     | 5865      | 9.3                      |
|                               | 177     | 5885      | 9.31                     |
| 802.11n HT20                  | 169     | 5845      | 9.22                     |
|                               | 173     | 5865      | 9.2                      |
|                               | 177     | 5885      | 9.18                     |
| 802.11n HT40                  | 167     | 5835      | 9.27                     |
|                               | 175     | 5875      | 9.35                     |
| 802.11ac VHT20                | 169     | 5845      | 9.21                     |
|                               | 173     | 5865      | 9.17                     |
|                               | 177     | 5885      | 9.3                      |
| 802.11ac VHT40                | 167     | 5835      | 9.34                     |
|                               | 175     | 5875      | 9.21                     |
| 802.11ac VHT80                | 171     | 5855      | 9.32                     |
| 802.11ac VHT160               | 163     | 5815      | 9.39                     |
| 802.11ax HE20                 | 169     | 5845      | 9.17                     |
|                               | 173     | 5865      | 9.18                     |
|                               | 177     | 5885      | 9.23                     |
| 802.11ax HE40                 | 167     | 5835      | 9.19                     |
|                               | 175     | 5875      | 9.27                     |
| 802.11ax HE80                 | 171     | 5855      | 9.19                     |
| 802.11ax HE160                | 163     | 5815      | 9.35                     |

| Conducted Power (Full) DBS ON |         |           |                          |
|-------------------------------|---------|-----------|--------------------------|
| WLAN 5.9GHz Ant 2             |         |           |                          |
| Mode                          | Channel | Frequency | SISO Ant 2<br>Avg. Power |
| 802.11a                       | 169     | 5845      | 9.25                     |
|                               | 173     | 5865      | 9.27                     |
|                               | 177     | 5885      | 9.32                     |
| 802.11n HT20                  | 169     | 5845      | 9.37                     |
|                               | 173     | 5865      | 9.21                     |
|                               | 177     | 5885      | 9.22                     |
| 802.11n HT40                  | 167     | 5835      | 9.38                     |
|                               | 175     | 5875      | 9.21                     |
| 802.11ac VHT20                | 169     | 5845      | 9.36                     |
|                               | 173     | 5865      | 9.27                     |
|                               | 177     | 5885      | 9.24                     |
| 802.11ac VHT40                | 167     | 5835      | 9.3                      |
|                               | 175     | 5875      | 9.37                     |
| 802.11ac VHT80                | 171     | 5855      | 9.26                     |
| 802.11ac VHT160               | 163     | 5815      | 9.44                     |
| 802.11ax HE20                 | 169     | 5845      | 9.24                     |
|                               | 173     | 5865      | 9.39                     |
|                               | 177     | 5885      | 9.34                     |
| 802.11ax HE40                 | 167     | 5835      | 9.29                     |
|                               | 175     | 5875      | 9.32                     |
| 802.11ax HE80                 | 171     | 5855      | 9.35                     |
| 802.11ax HE160                | 163     | 5815      | 9.23                     |

| Conducted Power (Full) DBS ON |         |           |                          |                          |                            |
|-------------------------------|---------|-----------|--------------------------|--------------------------|----------------------------|
| WLAN 5.9GHz Ant 1+2           |         |           |                          |                          |                            |
| Mode                          | Channel | Frequency | MIMO Ant 1<br>Avg. Power | MIMO Ant 2<br>Avg. Power | MIMO Ant 1+2<br>Avg. Power |
| 802.11a                       | 169     | 5845      | 9.28                     | 9.31                     | 12.31                      |
|                               | 173     | 5865      | 9.26                     | 9.28                     | 12.28                      |
|                               | 177     | 5885      | 9.2                      | 9.34                     | 12.28                      |
| 802.11n HT20                  | 169     | 5845      | 9.2                      | 9.33                     | 12.28                      |
|                               | 173     | 5865      | 9.24                     | 9.15                     | 12.21                      |
|                               | 177     | 5885      | 9.27                     | 9.34                     | 12.32                      |
| 802.11n HT40                  | 167     | 5835      | 9.21                     | 9.32                     | 12.28                      |
|                               | 175     | 5875      | 9.18                     | 9.24                     | 12.22                      |
| 802.11ac VHT20                | 169     | 5845      | 9.2                      | 9.23                     | 12.23                      |
|                               | 173     | 5865      | 9.24                     | 9.19                     | 12.23                      |
|                               | 177     | 5885      | 9.31                     | 9.19                     | 12.26                      |
| 802.11ac VHT40                | 167     | 5835      | 9.26                     | 9.15                     | 12.22                      |
|                               | 175     | 5875      | 9.15                     | 9.34                     | 12.26                      |
| 802.11ac VHT80                | 171     | 5855      | 9.26                     | 9.22                     | 12.25                      |
| 802.11ac VHT160               | 163     | 5815      | 9.45                     | 9.41                     | 12.44                      |
| 802.11ax HE20                 | 169     | 5845      | 9.22                     | 9.29                     | 12.27                      |
|                               | 173     | 5865      | 9.26                     | 9.32                     | 12.3                       |
|                               | 177     | 5885      | 9.18                     | 9.3                      | 12.25                      |
| 802.11ax HE40                 | 167     | 5835      | 9.25                     | 9.28                     | 12.28                      |
|                               | 175     | 5875      | 9.18                     | 9.3                      | 12.25                      |
| 802.11ax HE80                 | 171     | 5855      | 9.2                      | 9.27                     | 12.25                      |
| 802.11ax HE160                | 163     | 5815      | 9.27                     | 9.26                     | 12.28                      |

| Conducted Power (Full)_DBS ON |         |           |                          |
|-------------------------------|---------|-----------|--------------------------|
| UNII-5 Ant 1                  |         |           |                          |
| Mode                          | Channel | Frequency | SISO Ant 1<br>Avg. Power |
| 802.11a                       | 1       | 5955      | 7.66                     |
|                               | 5       | 5975      | 7.71                     |
|                               | 9       | 5995      | 7.55                     |
|                               | 13      | 6015      | 7.72                     |
|                               | 17      | 6035      | 7.55                     |
|                               | 21      | 6055      | 7.6                      |
|                               | 25      | 6075      | 7.63                     |
|                               | 29      | 6095      | 7.63                     |
|                               | 33      | 6115      | 7.6                      |
|                               | 37      | 6135      | 7.65                     |
|                               | 41      | 6155      | 7.7                      |
|                               | 45      | 6175      | 7.74                     |
|                               | 49      | 6195      | 7.74                     |
|                               | 53      | 6215      | 7.75                     |
|                               | 57      | 6235      | 7.65                     |
|                               | 61      | 6255      | 7.63                     |
|                               | 65      | 6275      | 7.71                     |
|                               | 69      | 6295      | 7.75                     |
|                               | 73      | 6315      | 7.68                     |
|                               | 77      | 6335      | 7.69                     |
| 802.11ax HE20                 | 81      | 6355      | 7.75                     |
|                               | 85      | 6375      | 7.71                     |
|                               | 89      | 6395      | 7.7                      |
|                               | 93      | 6415      | 7.68                     |
|                               | 1       | 5955      | 7.75                     |
|                               | 5       | 5975      | 7.75                     |
|                               | 9       | 5995      | 7.57                     |
|                               | 13      | 6015      | 7.63                     |
|                               | 17      | 6035      | 7.66                     |
|                               | 21      | 6055      | 7.6                      |
|                               | 25      | 6075      | 7.75                     |
|                               | 29      | 6095      | 7.59                     |
|                               | 33      | 6115      | 7.72                     |
|                               | 37      | 6135      | 7.57                     |
|                               | 41      | 6155      | 7.57                     |
|                               | 45      | 6175      | 7.73                     |
|                               | 49      | 6195      | 7.73                     |
|                               | 53      | 6215      | 7.68                     |
|                               | 57      | 6235      | 7.75                     |
|                               | 61      | 6255      | 7.71                     |
| 802.11ax HE40                 | 65      | 6275      | 7.72                     |
|                               | 69      | 6295      | 7.63                     |
|                               | 73      | 6315      | 7.72                     |
|                               | 77      | 6335      | 7.72                     |
|                               | 81      | 6355      | 7.73                     |
|                               | 85      | 6375      | 7.71                     |
|                               | 89      | 6395      | 7.62                     |
|                               | 93      | 6415      | 7.67                     |
|                               | 3       | 5965      | 7.65                     |
|                               | 11      | 6005      | 7.61                     |
|                               | 19      | 6045      | 7.64                     |
|                               | 27      | 6085      | 7.75                     |
| 802.11ax HE80                 | 35      | 6125      | 7.58                     |
|                               | 43      | 6165      | 7.64                     |
|                               | 51      | 6205      | 7.62                     |
|                               | 59      | 6245      | 7.61                     |
|                               | 67      | 6285      | 7.73                     |
|                               | 75      | 6325      | 7.71                     |
|                               | 83      | 6365      | 7.63                     |
|                               | 91      | 6405      | 7.64                     |
| 802.11ax HE160                | 7       | 5985      | 7.69                     |
|                               | 23      | 6065      | 7.59                     |
|                               | 39      | 6145      | 7.57                     |
|                               | 55      | 6225      | 7.64                     |
|                               | 71      | 6305      | 7.63                     |
|                               | 87      | 6385      | 7.66                     |
|                               | 15      | 6025      | 7.73                     |
|                               | 47      | 6185      | 7.85                     |
|                               | 79      | 6345      | 7.82                     |

| Conducted Power (Full)_DBS ON |         |           |                          |
|-------------------------------|---------|-----------|--------------------------|
| UNII-5 Ant 2                  |         |           |                          |
| Mode                          | Channel | Frequency | SISO Ant 2<br>Avg. Power |
| 802.11a                       | 1       | 5955      | 7.65                     |
|                               | 5       | 5975      | 7.7                      |
|                               | 9       | 5995      | 7.7                      |
|                               | 13      | 6015      | 7.78                     |
|                               | 17      | 6035      | 7.82                     |
|                               | 21      | 6055      | 7.66                     |
|                               | 25      | 6075      | 7.65                     |
|                               | 29      | 6095      | 7.68                     |
|                               | 33      | 6115      | 7.74                     |
|                               | 37      | 6135      | 7.67                     |
|                               | 41      | 6155      | 7.74                     |
|                               | 45      | 6175      | 7.69                     |
|                               | 49      | 6195      | 7.64                     |
|                               | 53      | 6215      | 7.74                     |
|                               | 57      | 6235      | 7.69                     |
|                               | 61      | 6255      | 7.69                     |
|                               | 65      | 6275      | 7.84                     |
|                               | 69      | 6295      | 7.69                     |
|                               | 73      | 6315      | 7.65                     |
|                               | 77      | 6335      | 7.74                     |
| 802.11ax HE20                 | 81      | 6355      | 7.84                     |
|                               | 85      | 6375      | 7.74                     |
|                               | 89      | 6395      | 7.77                     |
|                               | 93      | 6415      | 7.71                     |
|                               | 1       | 5955      | 7.7                      |
|                               | 5       | 5975      | 7.65                     |
|                               | 9       | 5995      | 7.76                     |
|                               | 13      | 6015      | 7.78                     |
|                               | 17      | 6035      | 7.64                     |
|                               | 21      | 6055      | 7.65                     |
|                               | 25      | 6075      | 7.72                     |
|                               | 29      | 6095      | 7.64                     |
|                               | 33      | 6115      | 7.83                     |
|                               | 37      | 6135      | 7.71                     |
|                               | 41      | 6155      | 7.64                     |
|                               | 45      | 6175      | 7.83                     |
|                               | 49      | 6195      | 7.71                     |
|                               | 53      | 6215      | 7.73                     |
|                               | 57      | 6235      | 7.8                      |
|                               | 61      | 6255      | 7.82                     |
| 802.11ax HE40                 | 65      | 6275      | 7.62                     |
|                               | 69      | 6295      | 7.71                     |
|                               | 73      | 6315      | 7.67                     |
|                               | 77      | 6335      | 7.74                     |
|                               | 81      | 6355      | 7.68                     |
|                               | 85      | 6375      | 7.67                     |
|                               | 89      | 6395      | 7.62                     |
|                               | 93      | 6415      | 7.61                     |
|                               | 3       | 5965      | 7.63                     |
|                               | 11      | 6005      | 7.7                      |
|                               | 19      | 6045      | 7.61                     |
|                               | 27      | 6085      | 7.74                     |
| 802.11ax HE80                 | 35      | 6125      | 7.66                     |
|                               | 43      | 6165      | 7.62                     |
|                               | 51      | 6205      | 7.65                     |
|                               | 59      | 6245      | 7.76                     |
|                               | 67      | 6285      | 7.78                     |
|                               | 75      | 6325      | 7.67                     |
|                               | 83      | 6365      | 7.62                     |
|                               | 91      | 6405      | 7.84                     |
| 802.11ax HE160                | 7       | 5985      | 7.79                     |
|                               | 23      | 6065      | 7.75                     |
|                               | 39      | 6145      | 7.6                      |
|                               | 55      | 6225      | 7.75                     |
|                               | 71      | 6305      | 7.75                     |
|                               | 87      | 6385      | 7.77                     |
|                               | 15      | 6025      | 7.79                     |
|                               | 47      | 6185      | 7.98                     |
|                               | 79      | 6345      | 7.83                     |

| Conducted Power (Full) DBS ON |         |           |                          |                          |                            |
|-------------------------------|---------|-----------|--------------------------|--------------------------|----------------------------|
| UNII-5 Ant 1+2                |         |           |                          |                          |                            |
| Mode                          | Channel | Frequency | MIMO Ant 1<br>Avg. Power | MIMO Ant 2<br>Avg. Power | MIMO Ant 1+2<br>Avg. Power |
| 802.11a                       | 1       | 5955      | 7.71                     | 7.56                     | 10.65                      |
|                               | 5       | 5975      | 7.77                     | 7.58                     | 10.69                      |
|                               | 9       | 5995      | 7.74                     | 7.71                     | 10.74                      |
|                               | 13      | 6015      | 7.79                     | 7.59                     | 10.7                       |
|                               | 17      | 6035      | 7.8                      | 7.59                     | 10.71                      |
|                               | 21      | 6055      | 7.63                     | 7.64                     | 10.65                      |
|                               | 25      | 6075      | 7.72                     | 7.75                     | 10.75                      |
|                               | 29      | 6095      | 7.8                      | 7.72                     | 10.77                      |
|                               | 33      | 6115      | 7.77                     | 7.61                     | 10.7                       |
|                               | 37      | 6135      | 7.76                     | 7.7                      | 10.74                      |
|                               | 41      | 6155      | 7.64                     | 7.61                     | 10.64                      |
|                               | 45      | 6175      | 7.77                     | 7.66                     | 10.73                      |
|                               | 49      | 6195      | 7.62                     | 7.72                     | 10.68                      |
|                               | 53      | 6215      | 7.65                     | 7.7                      | 10.69                      |
|                               | 57      | 6235      | 7.61                     | 7.57                     | 10.6                       |
|                               | 61      | 6255      | 7.74                     | 7.69                     | 10.73                      |
|                               | 65      | 6275      | 7.79                     | 7.73                     | 10.77                      |
|                               | 69      | 6295      | 7.68                     | 7.71                     | 10.71                      |
|                               | 73      | 6315      | 7.74                     | 7.62                     | 10.69                      |
|                               | 77      | 6335      | 7.78                     | 7.75                     | 10.78                      |
|                               | 81      | 6355      | 7.66                     | 7.64                     | 10.66                      |
|                               | 85      | 6375      | 7.6                      | 7.59                     | 10.61                      |
|                               | 89      | 6395      | 7.73                     | 7.67                     | 10.71                      |
|                               | 93      | 6415      | 7.78                     | 7.61                     | 10.71                      |
| 802.11ax HE20                 | 1       | 5955      | 7.8                      | 7.62                     | 10.72                      |
|                               | 5       | 5975      | 7.75                     | 7.57                     | 10.67                      |
|                               | 9       | 5995      | 7.8                      | 7.72                     | 10.77                      |
|                               | 13      | 6015      | 7.76                     | 7.61                     | 10.7                       |
|                               | 17      | 6035      | 7.71                     | 7.74                     | 10.74                      |
|                               | 21      | 6055      | 7.78                     | 7.58                     | 10.69                      |
|                               | 25      | 6075      | 7.76                     | 7.74                     | 10.76                      |
|                               | 29      | 6095      | 7.71                     | 7.73                     | 10.73                      |
|                               | 33      | 6115      | 7.73                     | 7.7                      | 10.73                      |
|                               | 37      | 6135      | 7.74                     | 7.75                     | 10.76                      |
|                               | 41      | 6155      | 7.77                     | 7.57                     | 10.68                      |
|                               | 45      | 6175      | 7.61                     | 7.55                     | 10.59                      |
|                               | 49      | 6195      | 7.73                     | 7.57                     | 10.66                      |
|                               | 53      | 6215      | 7.76                     | 7.6                      | 10.69                      |
|                               | 57      | 6235      | 7.62                     | 7.67                     | 10.66                      |
|                               | 61      | 6255      | 7.75                     | 7.64                     | 10.71                      |
|                               | 65      | 6275      | 7.77                     | 7.75                     | 10.77                      |
|                               | 69      | 6295      | 7.65                     | 7.68                     | 10.68                      |
|                               | 73      | 6315      | 7.67                     | 7.56                     | 10.63                      |
|                               | 77      | 6335      | 7.79                     | 7.72                     | 10.77                      |
|                               | 81      | 6355      | 7.61                     | 7.61                     | 10.62                      |
|                               | 85      | 6375      | 7.68                     | 7.65                     | 10.68                      |
|                               | 89      | 6395      | 7.75                     | 7.67                     | 10.72                      |
|                               | 93      | 6415      | 7.75                     | 7.64                     | 10.71                      |
| 802.11ax HE40                 | 3       | 5965      | 7.74                     | 7.74                     | 10.75                      |
|                               | 11      | 6005      | 7.71                     | 7.65                     | 10.69                      |
|                               | 19      | 6045      | 7.77                     | 7.62                     | 10.71                      |
|                               | 27      | 6085      | 7.6                      | 7.6                      | 10.61                      |
|                               | 35      | 6125      | 7.6                      | 7.72                     | 10.67                      |
|                               | 43      | 6165      | 7.73                     | 7.62                     | 10.69                      |
|                               | 51      | 6205      | 7.78                     | 7.58                     | 10.69                      |
|                               | 59      | 6245      | 7.67                     | 7.68                     | 10.69                      |
|                               | 67      | 6285      | 7.66                     | 7.65                     | 10.67                      |
|                               | 75      | 6325      | 7.64                     | 7.74                     | 10.7                       |
|                               | 83      | 6365      | 7.67                     | 7.67                     | 10.68                      |
|                               | 91      | 6405      | 7.65                     | 7.74                     | 10.71                      |
| 802.11ax HE80                 | 7       | 5985      | 7.63                     | 7.7                      | 10.68                      |
|                               | 23      | 6065      | 7.68                     | 7.56                     | 10.63                      |
|                               | 39      | 6145      | 7.72                     | 7.58                     | 10.66                      |
|                               | 55      | 6225      | 7.75                     | 7.62                     | 10.7                       |
|                               | 71      | 6305      | 7.67                     | 7.59                     | 10.64                      |
|                               | 87      | 6385      | 7.75                     | 7.69                     | 10.73                      |
| 802.11ax HE160                | 15      | 6025      | 7.81                     | 7.89                     | 10.86                      |
|                               | 47      | 6185      | 7.92                     | 7.81                     | 10.88                      |
|                               | 79      | 6345      | 7.82                     | 7.68                     | 10.76                      |

| Conducted Power (Full)_DBS ON |         |           |                          |
|-------------------------------|---------|-----------|--------------------------|
| UNII-6 Ant 1_FCC              |         |           |                          |
| Mode                          | Channel | Frequency | SISO Ant 1<br>Avg. Power |
| 802.11a                       | 97      | 6435      | 1.09                     |
|                               | 101     | 6455      | 1.14                     |
|                               | 105     | 6475      | 1.12                     |
|                               | 109     | 6495      | 1.05                     |
|                               | 113     | 6515      | 1.1                      |
| 802.11ax HE20                 | 97      | 6435      | 2.18                     |
|                               | 101     | 6455      | 2.2                      |
|                               | 105     | 6475      | 2.06                     |
|                               | 109     | 6495      | 2.06                     |
|                               | 113     | 6515      | 2.15                     |
| 802.11ax HE40                 | 99      | 6445      | 5.18                     |
|                               | 107     | 6485      | 5.07                     |
|                               | 115     | 6525      | 5.06                     |
| 802.11ax HE80                 | 103     | 6465      | 7.65                     |
|                               | 119     | 6545      | 7.62                     |
| 802.11ax HE160                | 111     | 6505      | 7.68                     |

| Conducted Power (Full)_DBS ON |         |           |                          |
|-------------------------------|---------|-----------|--------------------------|
| UNII-6 Ant 2_FCC              |         |           |                          |
| Mode                          | Channel | Frequency | SISO Ant 2<br>Avg. Power |
| 802.11a                       | 97      | 6435      | 1.35                     |
|                               | 101     | 6455      | 1.17                     |
|                               | 105     | 6475      | 1.21                     |
|                               | 109     | 6495      | 1.28                     |
|                               | 113     | 6515      | 1.26                     |
| 802.11ax HE20                 | 97      | 6435      | 2.31                     |
|                               | 101     | 6455      | 2.35                     |
|                               | 105     | 6475      | 2.21                     |
|                               | 109     | 6495      | 2.17                     |
|                               | 113     | 6515      | 2.26                     |
| 802.11ax HE40                 | 99      | 6445      | 5.32                     |
|                               | 107     | 6485      | 5.25                     |
|                               | 115     | 6525      | 5.2                      |
| 802.11ax HE80                 | 103     | 6465      | 7.8                      |
|                               | 119     | 6545      | 7.71                     |
| 802.11ax HE160                | 111     | 6505      | 7.96                     |

| Conducted Power (Full)_DBS ON |         |           |                          |                          |                            |
|-------------------------------|---------|-----------|--------------------------|--------------------------|----------------------------|
| UNII-6 Ant 1+2_FCC            |         |           |                          |                          |                            |
| Mode                          | Channel | Frequency | MIMO Ant 1<br>Avg. Power | MIMO Ant 2<br>Avg. Power | MIMO Ant 1+2<br>Avg. Power |
| 802.11a                       | 97      | 6435      | 1.09                     | 1.22                     | 4.17                       |
|                               | 101     | 6455      | 1.19                     | 1.14                     | 4.18                       |
|                               | 105     | 6475      | 1.16                     | 1.19                     | 4.19                       |
|                               | 109     | 6495      | 1.13                     | 1.06                     | 4.11                       |
|                               | 113     | 6515      | 1.17                     | 1.11                     | 4.15                       |
| 802.11ax HE20                 | 97      | 6435      | 2.19                     | 2.09                     | 5.15                       |
|                               | 101     | 6455      | 2.1                      | 2.12                     | 5.12                       |
|                               | 105     | 6475      | 2.09                     | 2.11                     | 5.11                       |
|                               | 109     | 6495      | 2.17                     | 2.21                     | 5.2                        |
|                               | 113     | 6515      | 2.17                     | 2.23                     | 5.21                       |
| 802.11ax HE40                 | 99      | 6445      | 5.09                     | 5.05                     | 8.08                       |
|                               | 107     | 6485      | 5.15                     | 5.16                     | 8.17                       |
|                               | 115     | 6525      | 5.11                     | 5.08                     | 8.11                       |
| 802.11ax HE80                 | 103     | 6465      | 7.7                      | 7.6                      | 10.66                      |
|                               | 119     | 6545      | 7.69                     | 7.72                     | 10.72                      |
| 802.11ax HE160                | 111     | 6505      | 7.72                     | 7.81                     | 10.78                      |

| Conducted Power (Full)_DBS ON |         |           |                          |
|-------------------------------|---------|-----------|--------------------------|
| UNII-7 Ant 1                  |         |           |                          |
| Mode                          | Channel | Frequency | SISO Ant 1<br>Avg. Power |
| 802.11a                       | 117     | 6535      | 7.75                     |
|                               | 121     | 6555      | 7.67                     |
|                               | 125     | 6575      | 7.6                      |
|                               | 129     | 6595      | 7.57                     |
|                               | 133     | 6615      | 7.68                     |
|                               | 137     | 6635      | 7.57                     |
|                               | 141     | 6655      | 7.65                     |
|                               | 145     | 6675      | 7.55                     |
|                               | 149     | 6695      | 7.62                     |
|                               | 153     | 6715      | 7.6                      |
|                               | 157     | 6735      | 7.68                     |
|                               | 161     | 6755      | 7.72                     |
|                               | 165     | 6775      | 7.67                     |
|                               | 169     | 6795      | 7.59                     |
|                               | 173     | 6815      | 7.61                     |
|                               | 177     | 6835      | 7.75                     |
| 802.11ax HE20                 | 181     | 6855      | 7.67                     |
|                               | 117     | 6535      | 7.55                     |
|                               | 121     | 6555      | 7.6                      |
|                               | 125     | 6575      | 7.65                     |
|                               | 129     | 6595      | 7.64                     |
|                               | 133     | 6615      | 7.73                     |
|                               | 137     | 6635      | 7.74                     |
|                               | 141     | 6655      | 7.57                     |
|                               | 145     | 6675      | 7.72                     |
|                               | 149     | 6695      | 7.69                     |
|                               | 153     | 6715      | 7.7                      |
|                               | 157     | 6735      | 7.55                     |
|                               | 161     | 6755      | 7.55                     |
|                               | 165     | 6775      | 7.71                     |
|                               | 169     | 6795      | 7.74                     |
|                               | 173     | 6815      | 7.57                     |
| 802.11ax HE40                 | 177     | 6835      | 7.69                     |
|                               | 181     | 6855      | 7.57                     |
|                               | 123     | 6565      | 7.59                     |
|                               | 131     | 6605      | 7.65                     |
|                               | 139     | 6645      | 7.73                     |
|                               | 147     | 6685      | 7.67                     |
|                               | 155     | 6725      | 7.67                     |
|                               | 163     | 6765      | 7.6                      |
| 802.11ax HE80                 | 171     | 6805      | 7.57                     |
|                               | 179     | 6845      | 7.74                     |
|                               | 187     | 6885      | 5.15                     |
|                               | 135     | 6625      | 7.56                     |
|                               | 151     | 6705      | 7.6                      |
| 802.11ax HE160                | 167     | 6785      | 7.75                     |
|                               | 183     | 6865      | 7.55                     |
|                               | 143     | 6665      | 7.82                     |
|                               | 175     | 6825      | 7.78                     |

| Conducted Power (Full)_DBS ON |         |           |                          |
|-------------------------------|---------|-----------|--------------------------|
| UNII-7 Ant 2                  |         |           |                          |
| Mode                          | Channel | Frequency | SISO Ant 2<br>Avg. Power |
| 802.11a                       | 117     | 6535      | 7.6                      |
|                               | 121     | 6555      | 7.66                     |
|                               | 125     | 6575      | 7.69                     |
|                               | 129     | 6595      | 7.63                     |
|                               | 133     | 6615      | 7.51                     |
|                               | 137     | 6635      | 7.67                     |
|                               | 141     | 6655      | 7.57                     |
|                               | 145     | 6675      | 7.68                     |
|                               | 149     | 6695      | 7.64                     |
|                               | 153     | 6715      | 7.52                     |
|                               | 157     | 6735      | 7.51                     |
|                               | 161     | 6755      | 7.58                     |
|                               | 165     | 6775      | 7.7                      |
|                               | 169     | 6795      | 7.64                     |
|                               | 173     | 6815      | 7.56                     |
|                               | 177     | 6835      | 7.54                     |
|                               | 181     | 6855      | 7.6                      |
| 802.11ax HE20                 | 117     | 6535      | 7.7                      |
|                               | 121     | 6555      | 7.52                     |
|                               | 125     | 6575      | 7.53                     |
|                               | 129     | 6595      | 7.5                      |
|                               | 133     | 6615      | 7.67                     |
|                               | 137     | 6635      | 7.56                     |
|                               | 141     | 6655      | 7.63                     |
|                               | 145     | 6675      | 7.61                     |
|                               | 149     | 6695      | 7.7                      |
|                               | 153     | 6715      | 7.64                     |
|                               | 157     | 6735      | 7.64                     |
|                               | 161     | 6755      | 7.67                     |
|                               | 165     | 6775      | 7.53                     |
|                               | 169     | 6795      | 7.68                     |
|                               | 173     | 6815      | 7.64                     |
|                               | 177     | 6835      | 7.56                     |
|                               | 181     | 6855      | 7.66                     |
| 802.11ax HE40                 | 123     | 6565      | 7.66                     |
|                               | 131     | 6605      | 7.64                     |
|                               | 139     | 6645      | 7.66                     |
|                               | 147     | 6685      | 7.57                     |
|                               | 155     | 6725      | 7.67                     |
|                               | 163     | 6765      | 7.68                     |
|                               | 171     | 6805      | 7.65                     |
|                               | 179     | 6845      | 7.56                     |
| 802.11ax HE80                 | 187     | 6885      | 5.18                     |
|                               | 135     | 6625      | 7.65                     |
|                               | 151     | 6705      | 7.54                     |
|                               | 167     | 6785      | 7.51                     |
| 802.11ax HE160                | 183     | 6865      | 7.61                     |
|                               | 143     | 6665      | 7.89                     |
|                               | 175     | 6825      | 7.76                     |

| Conducted Power (Full) DBS ON |         |           |                          |                          |                            |
|-------------------------------|---------|-----------|--------------------------|--------------------------|----------------------------|
| UNII-7 Ant 1+2                |         |           |                          |                          |                            |
| Mode                          | Channel | Frequency | MIMO Ant 1<br>Avg. Power | MIMO Ant 2<br>Avg. Power | MIMO Ant 1+2<br>Avg. Power |
| 802.11a                       | 117     | 6535      | 7.68                     | 7.7                      | 10.7                       |
|                               | 121     | 6555      | 7.64                     | 7.63                     | 10.65                      |
|                               | 125     | 6575      | 7.74                     | 7.72                     | 10.74                      |
|                               | 129     | 6595      | 7.58                     | 7.72                     | 10.66                      |
|                               | 133     | 6615      | 7.59                     | 7.69                     | 10.65                      |
|                               | 137     | 6635      | 7.61                     | 7.75                     | 10.69                      |
|                               | 141     | 6655      | 7.77                     | 7.68                     | 10.74                      |
|                               | 145     | 6675      | 7.6                      | 7.72                     | 10.67                      |
|                               | 149     | 6695      | 7.62                     | 7.78                     | 10.71                      |
|                               | 153     | 6715      | 7.65                     | 7.6                      | 10.64                      |
|                               | 157     | 6735      | 7.71                     | 7.56                     | 10.65                      |
|                               | 161     | 6755      | 7.61                     | 7.75                     | 10.69                      |
|                               | 165     | 6775      | 7.8                      | 7.71                     | 10.77                      |
|                               | 169     | 6795      | 7.6                      | 7.57                     | 10.6                       |
|                               | 173     | 6815      | 7.65                     | 7.68                     | 10.68                      |
|                               | 177     | 6835      | 7.58                     | 7.67                     | 10.64                      |
| 802.11ax HE20                 | 181     | 6855      | 7.66                     | 7.66                     | 10.67                      |
|                               | 117     | 6535      | 7.58                     | 7.58                     | 10.59                      |
|                               | 121     | 6555      | 7.66                     | 7.67                     | 10.68                      |
|                               | 125     | 6575      | 7.77                     | 7.7                      | 10.75                      |
|                               | 129     | 6595      | 7.58                     | 7.65                     | 10.63                      |
|                               | 133     | 6615      | 7.68                     | 7.63                     | 10.67                      |
|                               | 137     | 6635      | 7.78                     | 7.65                     | 10.73                      |
|                               | 141     | 6655      | 7.57                     | 7.7                      | 10.65                      |
|                               | 145     | 6675      | 7.79                     | 7.79                     | 10.8                       |
|                               | 149     | 6695      | 7.56                     | 7.8                      | 10.69                      |
|                               | 153     | 6715      | 7.74                     | 7.78                     | 10.77                      |
|                               | 157     | 6735      | 7.69                     | 7.62                     | 10.67                      |
|                               | 161     | 6755      | 7.73                     | 7.73                     | 10.74                      |
|                               | 165     | 6775      | 7.59                     | 7.68                     | 10.65                      |
|                               | 169     | 6795      | 7.58                     | 7.67                     | 10.64                      |
|                               | 173     | 6815      | 7.67                     | 7.79                     | 10.74                      |
| 802.11ax HE40                 | 177     | 6835      | 7.8                      | 7.64                     | 10.73                      |
|                               | 181     | 6855      | 7.62                     | 7.69                     | 10.67                      |
|                               | 123     | 6565      | 7.68                     | 7.7                      | 10.7                       |
|                               | 131     | 6605      | 7.65                     | 7.68                     | 10.68                      |
|                               | 139     | 6645      | 7.75                     | 7.56                     | 10.67                      |
|                               | 147     | 6685      | 7.58                     | 7.71                     | 10.66                      |
|                               | 155     | 6725      | 7.55                     | 7.59                     | 10.58                      |
|                               | 163     | 6765      | 7.8                      | 7.67                     | 10.75                      |
| 802.11ax HE80                 | 171     | 6805      | 7.73                     | 7.78                     | 10.77                      |
|                               | 179     | 6845      | 7.73                     | 7.63                     | 10.69                      |
|                               | 187     | 6885      | 5.29                     | 5.26                     | 8.29                       |
|                               | 135     | 6625      | 7.73                     | 7.75                     | 10.75                      |
| 802.11ax HE160                | 151     | 6705      | 7.66                     | 7.71                     | 10.7                       |
|                               | 167     | 6785      | 7.66                     | 7.79                     | 10.74                      |
|                               | 183     | 6865      | 7.68                     | 7.76                     | 10.73                      |
|                               | 143     | 6665      | 7.82                     | 7.98                     | 10.91                      |
|                               | 175     | 6825      | 7.92                     | 7.86                     | 10.9                       |

| Conducted Power (Full)_DBS ON |         |           |                          |
|-------------------------------|---------|-----------|--------------------------|
| UNII-8 Ant 1                  |         |           |                          |
| Mode                          | Channel | Frequency | SISO Ant 1<br>Avg. Power |
| 802.11a                       | 185     | 6875      | 1.11                     |
|                               | 189     | 6895      | 1.05                     |
|                               | 193     | 6915      | 1.23                     |
|                               | 197     | 6935      | 1.15                     |
|                               | 201     | 6955      | 1.19                     |
|                               | 205     | 6975      | 1.07                     |
|                               | 209     | 6995      | 1.09                     |
|                               | 213     | 7015      | 1.25                     |
|                               | 217     | 7035      | 1.25                     |
|                               | 221     | 7055      | 1.06                     |
|                               | 225     | 7075      | 1.15                     |
|                               | 229     | 7095      | 1.05                     |
|                               | 233     | 7115      | 0.62                     |
| 802.11ax HE20                 | 185     | 6875      | 2.2                      |
|                               | 189     | 6895      | 2.2                      |
|                               | 193     | 6915      | 2.08                     |
|                               | 197     | 6935      | 2.11                     |
|                               | 201     | 6955      | 2.07                     |
|                               | 205     | 6975      | 2.19                     |
|                               | 209     | 6995      | 2.22                     |
|                               | 213     | 7015      | 2.16                     |
|                               | 217     | 7035      | 2.25                     |
|                               | 221     | 7055      | 2.17                     |
|                               | 225     | 7075      | 2.17                     |
|                               | 229     | 7095      | 2.11                     |
|                               | 233     | 7115      | -1.31                    |
| 802.11ax HE40                 | 195     | 6925      | 5.16                     |
|                               | 203     | 6965      | 5.2                      |
|                               | 211     | 7005      | 5.12                     |
|                               | 219     | 7045      | 5.15                     |
|                               | 227     | 7085      | 5.18                     |
| 802.11ax HE80                 | 199     | 6945      | 7.65                     |
|                               | 215     | 7025      | 7.69                     |
| 802.11ax HE160                | 207     | 6985      | 7.79                     |

| Conducted Power (Full)_DBS ON |         |           |                          |
|-------------------------------|---------|-----------|--------------------------|
| UNII-8 Ant 2                  |         |           |                          |
| Mode                          | Channel | Frequency | SISO Ant 2<br>Avg. Power |
| 802.11a                       | 185     | 6875      | 1.12                     |
|                               | 189     | 6895      | 1.09                     |
|                               | 193     | 6915      | 1.17                     |
|                               | 197     | 6935      | 1.11                     |
|                               | 201     | 6955      | 1.08                     |
|                               | 205     | 6975      | 1.05                     |
|                               | 209     | 6995      | 1.23                     |
|                               | 213     | 7015      | 1.25                     |
|                               | 217     | 7035      | 1.07                     |
|                               | 221     | 7055      | 1.15                     |
|                               | 225     | 7075      | 1.16                     |
|                               | 229     | 7095      | 1.15                     |
|                               | 233     | 7115      | 0.61                     |
| 802.11ax HE20                 | 185     | 6875      | 2.24                     |
|                               | 189     | 6895      | 2.19                     |
|                               | 193     | 6915      | 2.15                     |
|                               | 197     | 6935      | 2.21                     |
|                               | 201     | 6955      | 2.18                     |
|                               | 205     | 6975      | 2.22                     |
|                               | 209     | 6995      | 2.08                     |
|                               | 213     | 7015      | 2.16                     |
|                               | 217     | 7035      | 2.25                     |
|                               | 221     | 7055      | 2.24                     |
|                               | 225     | 7075      | 2.15                     |
|                               | 229     | 7095      | 2.16                     |
|                               | 233     | 7115      | -1.3                     |
| 802.11ax HE40                 | 195     | 6925      | 5.22                     |
|                               | 203     | 6965      | 5.14                     |
|                               | 211     | 7005      | 5.14                     |
|                               | 219     | 7045      | 5.16                     |
|                               | 227     | 7085      | 5.11                     |
| 802.11ax HE80                 | 199     | 6945      | 7.67                     |
|                               | 215     | 7025      | 7.74                     |
| 802.11ax HE160                | 207     | 6985      | 7.76                     |

| Conducted Power (Full) DBS ON |         |           |                          |                          |                            |
|-------------------------------|---------|-----------|--------------------------|--------------------------|----------------------------|
| UNII-8 Ant 1+2                |         |           |                          |                          |                            |
| Mode                          | Channel | Frequency | MIMO Ant 1<br>Avg. Power | MIMO Ant 2<br>Avg. Power | MIMO Ant 1+2<br>Avg. Power |
| 802.11a                       | 185     | 6875      | 1.07                     | 0.08                     | 3.61                       |
|                               | 189     | 6895      | 1.02                     | 0.1                      | 3.59                       |
|                               | 193     | 6915      | 1                        | -0.01                    | 3.53                       |
|                               | 197     | 6935      | 1.15                     | 0                        | 3.62                       |
|                               | 201     | 6955      | 1.08                     | -0.04                    | 3.57                       |
|                               | 205     | 6975      | 1.2                      | 0.1                      | 3.7                        |
|                               | 209     | 6995      | 1.04                     | 0.1                      | 3.61                       |
|                               | 213     | 7015      | 1.06                     | 0.04                     | 3.59                       |
|                               | 217     | 7035      | 1.03                     | 0.06                     | 3.58                       |
|                               | 221     | 7055      | 1.05                     | -0.03                    | 3.55                       |
|                               | 225     | 7075      | 1.13                     | -0.07                    | 3.58                       |
|                               | 229     | 7095      | 1.05                     | 0.07                     | 3.6                        |
|                               | 233     | 7115      | 0.62                     | -0.44                    | 3.13                       |
| 802.11ax HE20                 | 185     | 6875      | 2.19                     | 0.99                     | 4.64                       |
|                               | 189     | 6895      | 2.02                     | 1.01                     | 4.55                       |
|                               | 193     | 6915      | 2.13                     | 1.01                     | 4.62                       |
|                               | 197     | 6935      | 2.13                     | 0.99                     | 4.61                       |
|                               | 201     | 6955      | 2.14                     | 1.05                     | 4.64                       |
|                               | 205     | 6975      | 2.2                      | 1.03                     | 4.66                       |
|                               | 209     | 6995      | 2.11                     | 0.9                      | 4.56                       |
|                               | 213     | 7015      | 2.01                     | 0.98                     | 4.54                       |
|                               | 217     | 7035      | 2.06                     | 0.99                     | 4.57                       |
|                               | 221     | 7055      | 2.17                     | 1.07                     | 4.67                       |
|                               | 225     | 7075      | 2.07                     | 0.92                     | 4.54                       |
|                               | 229     | 7095      | 2.08                     | 1.01                     | 4.59                       |
|                               | 233     | 7115      | -1.39                    | -2.54                    | 1.08                       |
| 802.11ax HE40                 | 195     | 6925      | 5.08                     | 3.95                     | 7.56                       |
|                               | 203     | 6965      | 5.06                     | 4                        | 7.57                       |
|                               | 211     | 7005      | 5.08                     | 4.01                     | 7.59                       |
|                               | 219     | 7045      | 5.06                     | 4.03                     | 7.59                       |
|                               | 227     | 7085      | 5.14                     | 4.04                     | 7.64                       |
| 802.11ax HE80                 | 199     | 6945      | 7.52                     | 6.54                     | 10.07                      |
|                               | 215     | 7025      | 7.59                     | 6.46                     | 10.07                      |
| 802.11ax HE160                | 207     | 6985      | 7.72                     | 6.62                     | 10.22                      |

## **Appendix F. SAR and Incident Power Density Test Result**

SAR Results for Body / Extremity Exposure Condition.

Note:

1. SAR testing for WLAN / BT was performed on the maximum power mode.
2. The "< 0.001" means there is no SAR value or the SAR is too low to be measured.
3. Per KDB 388624 APPENDIX OVER6G, the minimum of 5 channels to perform IPD across U-NII 5,6,7 and 8. and measured results were scaled by factor 1.545 to reported power density when measurement uncertainty exceed 30%.

### Body SAR Test Result

| System & Position |          |                 |                      |                          |         | DUT Configuration |            |     | SAR        |              |                          |                                |                |                  |                        |                      |
|-------------------|----------|-----------------|----------------------|--------------------------|---------|-------------------|------------|-----|------------|--------------|--------------------------|--------------------------------|----------------|------------------|------------------------|----------------------|
| Plot No.          | Band     | Mode            | Test Position        | Separation Distance (mm) | Channel | Antenna Vendor    | Ant Status | DBS | Duty Cycle | Crest Factor | Max. Tune-up Power (dBm) | Measured Conducted Power (dBm) | Scaling Factor | Power Drift (dB) | Measured SAR-1g (W/kg) | Scaled SAR-1g (W/kg) |
|                   | WLAN2.4G | 802.11b         | Bottom of Laptop     | 0                        | 6       | 1                 | Ant 1      | OFF | 100.00     | 1.00         | 11.00                    | 10.96                          | 1.01           | 0.08             | 0.889                  | 0.90                 |
|                   | WLAN2.4G | 802.11b         | Front Edge of Laptop | 0                        | 6       | 1                 | Ant 1      | OFF | 100.00     | 1.00         | 11.00                    | 10.96                          | 1.01           | 0.14             | 0.326                  | 0.33                 |
|                   | WLAN2.4G | 802.11b         | Bottom of Laptop     | 0                        | 6       | 1                 | Ant 2      | OFF | 100.00     | 1.00         | 11.00                    | 10.94                          | 1.01           | -0.17            | 0.597                  | 0.60                 |
|                   | WLAN2.4G | 802.11b         | Front Edge of Laptop | 0                        | 6       | 1                 | Ant 2      | OFF | 100.00     | 1.00         | 11.00                    | 10.94                          | 1.01           | 0.12             | 0.251                  | 0.25                 |
|                   | WLAN2.4G | 802.11b         | Bottom of Laptop     | 0                        | 6       | 1                 | Ant 1+2    | OFF | 100.00     | 1.00         | 14.00                    | 13.71                          | 1.07           | -0.08            | 0.876                  | 0.94                 |
|                   | WLAN2.4G | 802.11b         | Front Edge of Laptop | 0                        | 6       | 1                 | Ant 1+2    | OFF | 100.00     | 1.00         | 14.00                    | 13.71                          | 1.07           | 0.02             | 0.332                  | 0.36                 |
|                   | WLAN2.4G | 802.11b         | Bottom of Laptop     | 0                        | 1       | 1                 | Ant 1      | OFF | 100.00     | 1.00         | 11.00                    | 10.92                          | 1.02           | -0.15            | 0.912                  | 0.93                 |
|                   | WLAN2.4G | 802.11b         | Bottom of Laptop     | 0                        | 11      | 1                 | Ant 1      | OFF | 100.00     | 1.00         | 11.00                    | 10.93                          | 1.02           | 0.14             | 0.952                  | 0.97                 |
|                   | WLAN2.4G | 802.11b         | Bottom of Laptop     | 0                        | 12      | 1                 | Ant 1      | OFF | 100.00     | 1.00         | 11.00                    | 10.85                          | 1.04           | 0.15             | 0.876                  | 0.91                 |
| 1                 | WLAN2.4G | 802.11b         | Bottom of Laptop     | 0                        | 13      | 1                 | Ant 1      | OFF | 100.00     | 1.00         | 11.00                    | 10.81                          | 1.04           | -0.06            | 1.06                   | 1.10                 |
|                   | WLAN2.4G | 802.11b         | Bottom of Laptop     | 0                        | 1       | 1                 | Ant 1+2    | OFF | 100.00     | 1.00         | 14.00                    | 13.54                          | 1.11           | 0.16             | 0.975                  | 1.08                 |
|                   | WLAN2.4G | 802.11b         | Bottom of Laptop     | 0                        | 11      | 1                 | Ant 1+2    | OFF | 100.00     | 1.00         | 14.00                    | 13.61                          | 1.09           | -0.19            | 0.981                  | 1.07                 |
|                   | WLAN2.4G | 802.11b         | Bottom of Laptop     | 0                        | 12      | 1                 | Ant 1+2    | OFF | 100.00     | 1.00         | 14.00                    | 13.56                          | 1.11           | -0.14            | 0.931                  | 1.03                 |
|                   | WLAN2.4G | 802.11b         | Bottom of Laptop     | 0                        | 13      | 1                 | Ant 1+2    | OFF | 100.00     | 1.00         | 14.00                    | 13.70                          | 1.07           | -0.17            | 1.01                   | 1.08                 |
|                   | WLAN2.4G | 802.11b         | Bottom of Laptop     | 0                        | 13      | 2                 | Ant 1      | OFF | 100.00     | 1.00         | 11.00                    | 10.81                          | 1.04           | 0.06             | 0.998                  | 1.04                 |
|                   | WLAN2.4G | 802.11b         | Bottom of Laptop     | 0                        | 1       | 2                 | Ant 1      | OFF | 100.00     | 1.00         | 11.00                    | 10.92                          | 1.02           | -0.01            | 0.963                  | 0.98                 |
|                   | WLAN2.4G | 802.11b         | Bottom of Laptop     | 0                        | 6       | 2                 | Ant 1      | OFF | 100.00     | 1.00         | 11.00                    | 10.96                          | 1.01           | -0.15            | 0.955                  | 0.96                 |
|                   | WLAN2.4G | 802.11b         | Bottom of Laptop     | 0                        | 11      | 2                 | Ant 1      | OFF | 100.00     | 1.00         | 11.00                    | 10.93                          | 1.02           | 0.07             | 0.975                  | 0.99                 |
|                   | WLAN2.4G | 802.11b         | Bottom of Laptop     | 0                        | 12      | 2                 | Ant 1      | OFF | 100.00     | 1.00         | 11.00                    | 10.85                          | 1.04           | -0.16            | 0.997                  | 1.04                 |
|                   | WLAN2.4G | 802.11b         | Bottom of Laptop     | 0                        | 6       | 1                 | Ant 1      | ON  | 100.00     | 1.00         | 10.00                    | 9.95                           | 1.01           | -0.18            | 0.62                   | 0.63                 |
|                   | WLAN2.4G | 802.11b         | Bottom of Laptop     | 0                        | 1       | 1                 | Ant 1      | ON  | 100.00     | 1.00         | 10.00                    | 9.85                           | 1.04           | 0.15             | 0.636                  | 0.66                 |
|                   | WLAN2.4G | 802.11b         | Bottom of Laptop     | 0                        | 11      | 1                 | Ant 1      | ON  | 100.00     | 1.00         | 10.00                    | 9.93                           | 1.02           | 0.11             | 0.664                  | 0.68                 |
|                   | WLAN2.4G | 802.11b         | Bottom of Laptop     | 0                        | 12      | 1                 | Ant 1      | ON  | 100.00     | 1.00         | 10.00                    | 9.75                           | 1.06           | -0.13            | 0.61                   | 0.65                 |
|                   | WLAN2.4G | 802.11b         | Bottom of Laptop     | 0                        | 13      | 1                 | Ant 1      | ON  | 100.00     | 1.00         | 10.00                    | 9.79                           | 1.05           | -0.01            | 0.739                  | 0.78                 |
|                   | WLAN2.4G | 802.11b         | Bottom of Laptop     | 0                        | 13      | 1                 | Ant 1      | OFF | 100.00     | 1.00         | 11.00                    | 10.81                          | 1.04           | 0.03             | 1.01                   | 1.05                 |
|                   |          |                 |                      |                          |         |                   |            |     |            |              |                          |                                |                |                  |                        |                      |
|                   |          |                 |                      |                          |         |                   |            |     |            |              |                          |                                |                |                  |                        |                      |
|                   | WLAN5.3G | 802.11ac VHT160 | Bottom of Laptop     | 0                        | 50      | 1                 | Ant 1      | OFF | 98.70      | 1.01         | 13.00                    | 12.86                          | 1.03           | -0.02            | 0.569                  | 0.59                 |
|                   | WLAN5.3G | 802.11ac VHT160 | Front Edge of Laptop | 0                        | 50      | 1                 | Ant 1      | OFF | 98.70      | 1.01         | 13.00                    | 12.86                          | 1.03           | 0.14             | 0.223                  | 0.23                 |
| 2                 | WLAN5.3G | 802.11ac VHT160 | Bottom of Laptop     | 0                        | 50      | 1                 | Ant 2      | OFF | 98.70      | 1.01         | 13.00                    | 12.76                          | 1.06           | -0.02            | 0.816                  | 0.87                 |
|                   | WLAN5.3G | 802.11ac VHT160 | Front Edge of Laptop | 0                        | 50      | 1                 | Ant 2      | OFF | 98.70      | 1.01         | 13.00                    | 12.76                          | 1.06           | -0.12            | 0.264                  | 0.28                 |
|                   | WLAN5.3G | 802.11ac VHT160 | Bottom of Laptop     | 0                        | 50      | 1                 | Ant 1+2    | OFF | 98.70      | 1.01         | 16.00                    | 15.58                          | 1.10           | 0.14             | 0.664                  | 0.74                 |
|                   | WLAN5.3G | 802.11ac VHT160 | Front Edge of Laptop | 0                        | 50      | 1                 | Ant 1+2    | OFF | 98.70      | 1.01         | 16.00                    | 15.58                          | 1.10           | 0.1              | 0.27                   | 0.30                 |
|                   | WLAN5.3G | 802.11ac VHT160 | Bottom of Laptop     | 0                        | 50      | 2                 | Ant 2      | OFF | 98.70      | 1.01         | 13.00                    | 12.76                          | 1.06           | -0.13            | 0.79                   | 0.85                 |
|                   | WLAN5.3G | 802.11ac VHT160 | Bottom of Laptop     | 0                        | 50      | 1                 | Ant 2      | ON  | 98.70      | 1.01         | 12.50                    | 12.25                          | 1.06           | -0.01            | 0.653                  | 0.70                 |
|                   | WLAN5.3G | 802.11ac VHT160 | Bottom of Laptop     | 0                        | 50      | 1                 | Ant 2      | OFF | 98.70      | 1.01         | 13.00                    | 12.76                          | 1.06           | 0.13             | 0.793                  | 0.85                 |
|                   |          |                 |                      |                          |         |                   |            |     |            |              |                          |                                |                |                  |                        |                      |

### Body SAR Test Result

| System & Position |          |                 |                      |                          |         | DUT Configuration |            |     | SAR        |              |                          |                                |                |                  |                        |                      |
|-------------------|----------|-----------------|----------------------|--------------------------|---------|-------------------|------------|-----|------------|--------------|--------------------------|--------------------------------|----------------|------------------|------------------------|----------------------|
| Plot No.          | Band     | Mode            | Test Position        | Separation Distance (mm) | Channel | Antenna Vendor    | Ant Status | DBS | Duty Cycle | Crest Factor | Max. Tune-up Power (dBm) | Measured Conducted Power (dBm) | Scaling Factor | Power Drift (dB) | Measured SAR-1g (W/kg) | Scaled SAR-1g (W/kg) |
| 3                 | WLAN5.6G | 802.11ac VHT160 | Bottom of Laptop     | 0                        | 114     | 1                 | Ant 1      | OFF | 98.70      | 1.01         | 11.50                    | 11.49                          | 1.00           | 0.03             | 1.05                   | 1.06                 |
|                   | WLAN5.6G | 802.11ac VHT160 | Front Edge of Laptop | 0                        | 114     | 1                 | Ant 1      | OFF | 98.70      | 1.01         | 11.50                    | 11.49                          | 1.00           | 0.06             | 0.3                    | 0.30                 |
|                   | WLAN5.6G | 802.11ac VHT160 | Bottom of Laptop     | 0                        | 114     | 1                 | Ant 2      | OFF | 98.70      | 1.01         | 11.50                    | 11.44                          | 1.01           | 0.12             | 0.814                  | 0.83                 |
|                   | WLAN5.6G | 802.11ac VHT160 | Front Edge of Laptop | 0                        | 114     | 1                 | Ant 2      | OFF | 98.70      | 1.01         | 11.50                    | 11.44                          | 1.01           | -0.06            | 0.339                  | 0.35                 |
|                   | WLAN5.6G | 802.11ac VHT160 | Bottom of Laptop     | 0                        | 114     | 1                 | Ant 1+2    | OFF | 98.70      | 1.01         | 14.50                    | 14.15                          | 1.08           | -0.12            | 0.958                  | 1.04                 |
|                   | WLAN5.6G | 802.11ac VHT160 | Front Edge of Laptop | 0                        | 114     | 1                 | Ant 1+2    | OFF | 98.70      | 1.01         | 14.50                    | 14.15                          | 1.08           | -0.19            | 0.351                  | 0.38                 |
|                   | WLAN5.6G | 802.11ac VHT160 | Bottom of Laptop     | 0                        | 114     | 2                 | Ant 1      | OFF | 98.70      | 1.01         | 11.50                    | 11.49                          | 1.00           | -0.06            | 0.974                  | 0.98                 |
|                   | WLAN5.6G | 802.11ac VHT160 | Bottom of Laptop     | 0                        | 114     | 1                 | Ant 1      | ON  | 98.70      | 1.01         | 9.50                     | 9.44                           | 1.01           | 0.01             | 0.696                  | 0.71                 |
|                   | WLAN5.6G | 802.11ac VHT160 | Bottom of Laptop     | 0                        | 114     | 1                 | Ant 1      | OFF | 98.70      | 1.01         | 11.50                    | 11.49                          | 1.00           | 0.11             | 0.989                  | 1.00                 |
| 4                 | WLAN5.8G | 802.11ac VHT80  | Bottom of Laptop     | 0                        | 155     | 1                 | Ant 1      | OFF | 98.10      | 1.02         | 12.00                    | 11.61                          | 1.09           | -0.07            | 1                      | 1.11                 |
|                   | WLAN5.8G | 802.11ac VHT80  | Front Edge of Laptop | 0                        | 155     | 1                 | Ant 1      | OFF | 98.10      | 1.02         | 12.00                    | 11.61                          | 1.09           | 0.19             | 0.507                  | 0.56                 |
|                   | WLAN5.8G | 802.11ac VHT80  | Bottom of Laptop     | 0                        | 155     | 1                 | Ant 2      | OFF | 98.10      | 1.02         | 12.00                    | 11.89                          | 1.03           | -0.1             | 0.683                  | 0.72                 |
|                   | WLAN5.8G | 802.11ac VHT80  | Front Edge of Laptop | 0                        | 155     | 1                 | Ant 2      | OFF | 98.10      | 1.02         | 12.00                    | 11.89                          | 1.03           | -0.15            | 0.531                  | 0.56                 |
|                   | WLAN5.8G | 802.11ac VHT80  | Bottom of Laptop     | 0                        | 155     | 1                 | Ant 1+2    | OFF | 98.10      | 1.02         | 15.00                    | 14.76                          | 1.06           | 0.03             | 0.927                  | 1.00                 |
|                   | WLAN5.8G | 802.11ac VHT80  | Front Edge of Laptop | 0                        | 155     | 1                 | Ant 1+2    | OFF | 98.10      | 1.02         | 15.00                    | 14.76                          | 1.06           | -0.1             | 0.373                  | 0.40                 |
|                   | WLAN5.8G | 802.11ac VHT80  | Bottom of Laptop     | 0                        | 155     | 2                 | Ant 1      | OFF | 98.10      | 1.02         | 12.00                    | 11.61                          | 1.09           | 0.03             | 0.981                  | 1.09                 |
|                   | WLAN5.8G | 802.11ac VHT80  | Bottom of Laptop     | 0                        | 155     | 1                 | Ant 1      | ON  | 98.10      | 1.02         | 9.50                     | 9.49                           | 1.00           | 0.01             | 0.751                  | 0.77                 |
|                   | WLAN5.8G | 802.11ac VHT80  | Bottom of Laptop     | 0                        | 155     | 1                 | Ant 1      | OFF | 98.10      | 1.02         | 12.00                    | 11.61                          | 1.09           | 0.02             | 0.973                  | 1.08                 |
| 5                 | WLAN5.9G | 802.11ac VHT160 | Bottom of Laptop     | 0                        | 163     | 1                 | Ant 1      | OFF | 98.70      | 1.01         | 12.50                    | 12.39                          | 1.03           | -0.04            | 1.06                   | 1.10                 |
|                   | WLAN5.9G | 802.11ac VHT160 | Front Edge of Laptop | 0                        | 163     | 1                 | Ant 1      | OFF | 98.70      | 1.01         | 12.50                    | 12.39                          | 1.03           | 0.1              | 0.535                  | 0.56                 |
|                   | WLAN5.9G | 802.11ac VHT160 | Bottom of Laptop     | 0                        | 163     | 1                 | Ant 2      | OFF | 98.70      | 1.01         | 12.50                    | 12.36                          | 1.03           | 0.03             | 0.863                  | 0.90                 |
|                   | WLAN5.9G | 802.11ac VHT160 | Front Edge of Laptop | 0                        | 163     | 1                 | Ant 2      | OFF | 98.70      | 1.01         | 12.50                    | 12.36                          | 1.03           | -0.06            | 0.437                  | 0.45                 |
|                   | WLAN5.9G | 802.11ac VHT160 | Bottom of Laptop     | 0                        | 163     | 1                 | Ant 1+2    | OFF | 98.70      | 1.01         | 15.50                    | 15.41                          | 1.02           | 0.17             | 1.03                   | 1.06                 |
|                   | WLAN5.9G | 802.11ac VHT160 | Front Edge of Laptop | 0                        | 163     | 1                 | Ant 1+2    | OFF | 98.70      | 1.01         | 15.50                    | 15.41                          | 1.02           | 0.01             | 0.587                  | 0.60                 |
|                   | WLAN5.9G | 802.11ac VHT160 | Bottom of Laptop     | 0                        | 163     | 2                 | Ant 1      | OFF | 98.70      | 1.01         | 12.50                    | 12.39                          | 1.03           | -0.04            | 1.05                   | 1.09                 |
|                   | WLAN5.9G | 802.11ac VHT160 | Bottom of Laptop     | 0                        | 163     | 1                 | Ant 1      | ON  | 98.70      | 1.01         | 9.50                     | 9.39                           | 1.03           | 0.03             | 0.714                  | 0.74                 |
|                   | WLAN5.9G | 802.11ac VHT160 | Bottom of Laptop     | 0                        | 163     | 1                 | Ant 1      | OFF | 98.70      | 1.01         | 12.50                    | 12.39                          | 1.03           | 0.11             | 0.993                  | 1.03                 |
| 6                 | BT       | BDR             | Bottom of Laptop     | 0                        | 0       | 1                 | Ant 2      | OFF | 76.92      | 1.30         | 10.00                    | 9.48                           | 1.13           | -0.01            | 0.168                  | 0.25                 |
|                   | BT       | BDR             | Front Edge of Laptop | 0                        | 0       | 1                 | Ant 2      | OFF | 76.92      | 1.30         | 10.00                    | 9.48                           | 1.13           | 0.19             | 0.069                  | 0.10                 |
|                   | BT       | BDR             | Bottom of Laptop     | 0                        | 39      | 1                 | Ant 2      | OFF | 76.92      | 1.30         | 10.00                    | 9.47                           | 1.13           | -0.12            | 0.12                   | 0.18                 |
|                   | BT       | BDR             | Bottom of Laptop     | 0                        | 78      | 1                 | Ant 2      | OFF | 76.92      | 1.30         | 10.00                    | 9.38                           | 1.15           | -0.08            | 0.141                  | 0.21                 |
|                   | BT       | BDR             | Bottom of Laptop     | 0                        | 0       | 2                 | Ant 2      | OFF | 76.92      | 1.30         | 10.00                    | 9.48                           | 1.13           | -0.16            | 0.152                  | 0.22                 |

| Body SAR and Power Density Test Result |        |                |                      |                          |         |                   |            |     |            |              |                          |                                |                |                  |                        |                      |                                                   |                                                 |               |                         |                                            |                                   |                  |                                 |                                        |                                |                                       |
|----------------------------------------|--------|----------------|----------------------|--------------------------|---------|-------------------|------------|-----|------------|--------------|--------------------------|--------------------------------|----------------|------------------|------------------------|----------------------|---------------------------------------------------|-------------------------------------------------|---------------|-------------------------|--------------------------------------------|-----------------------------------|------------------|---------------------------------|----------------------------------------|--------------------------------|---------------------------------------|
| System & Position                      |        |                |                      |                          |         | DUT Configuration |            |     | SAR        |              |                          |                                |                |                  |                        |                      |                                                   |                                                 | Power Density |                         |                                            |                                   |                  |                                 |                                        |                                |                                       |
| Plot No.                               | Band   | Mode           | Test Position        | Separation Distance (mm) | Channel | Antenna Vendor    | Ant Status | DBS | Duty Cycle | Crest Factor | Max. Tune-up Power (dBm) | Measured Conducted Power (dBm) | Scaling Factor | Power Drift (dB) | Measured SAR-1g (W/kg) | Scaled SAR-1g (W/kg) | Measured APD W/m <sup>2</sup> (4cm <sup>2</sup> ) | Scaled APD W/m <sup>2</sup> (4cm <sup>2</sup> ) | Grid Step [λ] | iPD [W/m <sup>2</sup> ] | Scaling Factor for Measurement Uncertainty | Averaging Area [cm <sup>2</sup> ] | Power Drift [dB] | Normal psPD [W/m <sup>2</sup> ] | Scaled Normal psPD [W/m <sup>2</sup> ] | Total psPD [W/m <sup>2</sup> ] | Scaled Total psPD [W/m <sup>2</sup> ] |
|                                        | UNII-5 | 802.11ax HE160 | Bottom of Laptop     | 0                        | 47      | 1                 | Ant 1      | OFF | 98.70      | 1.01         | 10.00                    | 9.86                           | 1.03           | -0.1             | 0.303                  | 0.32                 | 2.25                                              | 2.34                                            | 0.0515        | 19.60                   | 1.545                                      | 4.00                              | -0.17            | 2.14                            | 3.34                                   | 3.46                           | 5.56                                  |
|                                        | UNII-5 | 802.11ax HE160 | Front Edge of Laptop | 0                        | 47      | 1                 | Ant 1      | OFF | 98.70      | 1.01         | 10.00                    | 9.86                           | 1.03           | -0.08            | 0.192                  | 0.20                 | 1.43                                              | 1.49                                            |               |                         |                                            |                                   |                  |                                 |                                        |                                |                                       |
| 13                                     | UNII-5 | 802.11ax HE160 | Bottom of Laptop     | 0                        | 47      | 1                 | Ant 2      | OFF | 98.70      | 1.01         | 10.00                    | 9.85                           | 1.04           | -0.05            | 0.366                  | 0.38                 | 2.72                                              | 2.86                                            | 0.0515        | 23.70                   | 1.545                                      | 4.00                              | -0.02            | 2.59                            | 4.04                                   | 4.19                           | 6.8                                   |
|                                        | UNII-5 | 802.11ax HE160 | Front Edge of Laptop | 0                        | 47      | 1                 | Ant 2      | OFF | 98.70      | 1.01         | 10.00                    | 9.85                           | 1.04           | 0.17             | 0.183                  | 0.19                 | 1.36                                              | 1.43                                            |               |                         |                                            |                                   |                  |                                 |                                        |                                |                                       |
|                                        | UNII-5 | 802.11ax HE160 | Bottom of Laptop     | 0                        | 47      | 1                 | Ant 1+2    | OFF | 98.20      | 1.02         | 13.00                    | 12.89                          | 1.03           | 0.03             | 0.303                  | 0.32                 | 2.28                                              | 2.4                                             | 0.0515        | 19.86                   | 1.545                                      | 4.00                              | 0.06             | 2.17                            | 3.42                                   | 3.51                           | 5.7                                   |
|                                        | UNII-5 | 802.11ax HE160 | Front Edge of Laptop | 0                        | 47      | 1                 | Ant 1+2    | OFF | 98.20      | 1.02         | 13.00                    | 12.89                          | 1.03           | -0.04            | 0.19                   | 0.20                 | 1.41                                              | 1.48                                            |               |                         |                                            |                                   |                  |                                 |                                        |                                |                                       |
|                                        | UNII-5 | 802.11ax HE160 | Bottom of Laptop     | 0                        | 15      | 1                 | Ant 2      | OFF | 98.70      | 1.01         | 10.00                    | 9.72                           | 1.07           | 0.1              | 0.294                  | 0.32                 | 2.19                                              | 2.37                                            | 0.0502        | 19.08                   | 1.545                                      | 4.00                              | -0.09            | 2.08                            | 3.25                                   | 3.37                           | 5.63                                  |
|                                        | UNII-5 | 802.11ax HE160 | Bottom of Laptop     | 0                        | 79      | 1                 | Ant 2      | OFF | 98.70      | 1.01         | 10.00                    | 9.82                           | 1.04           | -0.12            | 0.155                  | 0.16                 | 1.15                                              | 1.21                                            |               |                         |                                            |                                   |                  |                                 |                                        |                                |                                       |
|                                        | UNII-6 | 802.11ax HE160 | Bottom of Laptop     | 0                        | 111     | 1                 | Ant 2      | OFF | 98.70      | 1.01         | 9.00                     | 8.96                           | 1.01           | 0.14             | 0.131                  | 0.13                 | 0.973                                             | 0.99                                            |               |                         |                                            |                                   |                  |                                 |                                        |                                |                                       |
|                                        | UNII-7 | 802.11ax HE160 | Bottom of Laptop     | 0                        | 143     | 1                 | Ant 2      | OFF | 98.70      | 1.01         | 10.00                    | 9.82                           | 1.04           | -0.11            | 0.287                  | 0.30                 | 2.13                                              | 2.24                                            |               |                         |                                            |                                   |                  |                                 |                                        |                                |                                       |
|                                        | UNII-7 | 802.11ax HE160 | Bottom of Laptop     | 0                        | 175     | 1                 | Ant 2      | OFF | 98.70      | 1.01         | 9.00                     | 8.98                           | 1.00           | 0.19             | 0.167                  | 0.17                 | 1.24                                              | 1.25                                            |               |                         |                                            |                                   |                  |                                 |                                        |                                |                                       |
|                                        | UNII-8 | 802.11ax HE160 | Bottom of Laptop     | 0                        | 207     | 1                 | Ant 2      | OFF | 98.70      | 1.01         | 9.00                     | 8.73                           | 1.06           | 0.09             | 0.155                  | 0.17                 | 1.15                                              | 1.23                                            |               |                         |                                            |                                   |                  |                                 |                                        |                                |                                       |
|                                        | UNII-5 | 802.11ax HE160 | Bottom of Laptop     | 0                        | 47      | 2                 | Ant 2      | OFF | 98.70      | 1.01         | 10.00                    | 9.85                           | 1.04           | -0.13            | 0.347                  | 0.36                 | 2.67                                              | 2.8                                             | 0.0515        | 23.26                   | 1.545                                      | 4.00                              | -0.12            | 2.54                            | 3.96                                   | 4.11                           | 6.67                                  |
|                                        | UNII-5 | 802.11ax HE160 | Bottom of Laptop     | 0                        | 47      | 1                 | Ant 2      | ON  | 98.70      | 1.01         | 8.00                     | 7.98                           | 1.00           | 0.03             | 0.241                  | 0.24                 | 1.86                                              | 1.88                                            | 0.0515        | 15.60                   | 1.545                                      | 4.00                              | 0.03             | 1.71                            | 2.67                                   | 2.72                           | 4.24                                  |
|                                        | UNII-5 | 802.11ax HE160 | Bottom of Laptop     | 0                        | 15      | 1                 | Ant 2      | ON  | 98.70      | 1.01         | 8.00                     | 7.79                           | 1.05           | -0.12            | 0.194                  | 0.21                 | 1.49                                              | 1.58                                            |               |                         |                                            |                                   |                  |                                 |                                        |                                |                                       |
|                                        | UNII-5 | 802.11ax HE160 | Bottom of Laptop     | 0                        | 79      | 1                 | Ant 2      | ON  | 98.70      | 1.01         | 8.00                     | 7.83                           | 1.04           | -0.17            | 0.102                  | 0.11                 | 0.79                                              | 0.83                                            |               |                         |                                            |                                   |                  |                                 |                                        |                                |                                       |
|                                        | UNII-6 | 802.11ax HE160 | Bottom of Laptop     | 0                        | 111     | 1                 | Ant 2      | ON  | 98.70      | 1.01         | 8.00                     | 7.96                           | 1.01           | 0.19             | 0.086                  | 0.09                 | 0.669                                             | 0.68                                            |               |                         |                                            |                                   |                  |                                 |                                        |                                |                                       |
|                                        | UNII-7 | 802.11ax HE160 | Bottom of Laptop     | 0                        | 143     | 1                 | Ant 2      | ON  | 98.70      | 1.01         | 8.00                     | 7.89                           | 1.03           | -0.19            | 0.189                  | 0.20                 | 1.46                                              | 1.52                                            |               |                         |                                            |                                   |                  |                                 |                                        |                                |                                       |
|                                        | UNII-7 | 802.11ax HE160 | Bottom of Laptop     | 0                        | 175     | 1                 | Ant 2      | ON  | 98.70      | 1.01         | 8.00                     | 7.76                           | 1.06           | 0.07             | 0.109                  | 0.12                 | 0.848                                             | 0.91                                            |               |                         |                                            |                                   |                  |                                 |                                        |                                |                                       |
|                                        | UNII-8 | 802.11ax HE160 | Bottom of Laptop     | 0                        | 207     | 1                 | Ant 2      | ON  | 98.70      | 1.01         | 8.00                     | 7.76                           | 1.06           | -0.09            | 0.102                  | 0.11                 | 0.788                                             | 0.84                                            |               |                         |                                            |                                   |                  |                                 |                                        |                                |                                       |

### Extremity SAR Test Result

| System & Position |          |                 |                          |                          |         | DUT Configuration |            |         | SAR        |              |                          |                                |                |                  |                         |                       |
|-------------------|----------|-----------------|--------------------------|--------------------------|---------|-------------------|------------|---------|------------|--------------|--------------------------|--------------------------------|----------------|------------------|-------------------------|-----------------------|
| Plot No.          | Band     | Mode            | Test Position            | Separation Distance (mm) | Channel | Antenna Vendor    | Ant Status | Battery | Duty Cycle | Crest Factor | Max. Tune-up Power (dBm) | Measured Conducted Power (dBm) | Scaling Factor | Power Drift (dB) | Measured SAR-10g (W/kg) | Scaled SAR-10g (W/kg) |
|                   | WLAN2.4G | 802.11b         | Left Edge of Laptop      | 0                        | 6       | 1                 | Ant 1      | OFF     | 100.00     | 1.00         | 11.00                    | 10.96                          | 1.01           | 0                | <0.001                  | 0.00                  |
|                   | WLAN2.4G | 802.11b         | Right Edge of Laptop     | 0                        | 6       | 1                 | Ant 1      | OFF     | 100.00     | 1.00         | 11.00                    | 10.96                          | 1.01           | 0                | <0.001                  | 0.00                  |
|                   | WLAN2.4G | 802.11b         | Top Side of the Keyboard | 0                        | 6       | 1                 | Ant 1      | OFF     | 100.00     | 1.00         | 11.00                    | 10.96                          | 1.01           | 0                | <0.001                  | 0.00                  |
|                   | WLAN2.4G | 802.11b         | Left Edge of Laptop      | 0                        | 6       | 1                 | Ant 2      | OFF     | 100.00     | 1.00         | 11.00                    | 10.94                          | 1.01           | 0                | <0.001                  | 0.00                  |
|                   | WLAN2.4G | 802.11b         | Right Edge of Laptop     | 0                        | 6       | 1                 | Ant 2      | OFF     | 100.00     | 1.00         | 11.00                    | 10.94                          | 1.01           | 0                | <0.001                  | 0.00                  |
|                   | WLAN2.4G | 802.11b         | Top Side of the Keyboard | 0                        | 6       | 1                 | Ant 2      | OFF     | 100.00     | 1.00         | 11.00                    | 10.94                          | 1.01           | 0                | <0.001                  | 0.00                  |
|                   | WLAN2.4G | 802.11b         | Left Edge of Laptop      | 0                        | 6       | 1                 | Ant 1+2    | OFF     | 100.00     | 1.00         | 14.00                    | 13.71                          | 1.07           | 0                | <0.001                  | 0.00                  |
|                   | WLAN2.4G | 802.11b         | Right Edge of Laptop     | 0                        | 6       | 1                 | Ant 1+2    | OFF     | 100.00     | 1.00         | 14.00                    | 13.71                          | 1.07           | 0                | <0.001                  | 0.00                  |
| 7                 | WLAN2.4G | 802.11b         | Top Side of the Keyboard | 0                        | 6       | 1                 | Ant 1+2    | OFF     | 100.00     | 1.00         | 14.00                    | 13.71                          | 1.07           | 0                | <0.001                  | 0.00                  |
|                   | WLAN2.4G | 802.11b         | Top Side of the Keyboard | 0                        | 1       | 1                 | Ant 1+2    | OFF     | 100.00     | 1.00         | 14.00                    | 13.54                          | 1.11           | 0                | <0.001                  | 0.00                  |
|                   | WLAN2.4G | 802.11b         | Top Side of the Keyboard | 0                        | 11      | 1                 | Ant 1+2    | OFF     | 100.00     | 1.00         | 14.00                    | 13.61                          | 1.09           | 0                | <0.001                  | 0.00                  |
|                   | WLAN2.4G | 802.11b         | Top Side of the Keyboard | 0                        | 12      | 1                 | Ant 1+2    | OFF     | 100.00     | 1.00         | 14.00                    | 13.56                          | 1.11           | 0                | <0.001                  | 0.00                  |
|                   | WLAN2.4G | 802.11b         | Top Side of the Keyboard | 0                        | 13      | 1                 | Ant 1+2    | OFF     | 100.00     | 1.00         | 14.00                    | 13.70                          | 1.07           | 0                | <0.001                  | 0.00                  |
|                   | WLAN2.4G | 802.11b         | Top Side of the Keyboard | 0                        | 6       | 2                 | Ant 1+2    | OFF     | 100.00     | 1.00         | 14.00                    | 13.71                          | 1.07           | 0                | <0.001                  | 0.00                  |
|                   |          |                 |                          |                          |         |                   |            |         |            |              |                          |                                |                |                  |                         |                       |
|                   | WLAN5.3G | 802.11ac VHT160 | Left Edge of Laptop      | 0                        | 50      | 1                 | Ant 1      | OFF     | 98.70      | 1.01         | 13.00                    | 12.86                          | 1.03           | 0                | <0.001                  | 0.00                  |
|                   | WLAN5.3G | 802.11ac VHT160 | Right Edge of Laptop     | 0                        | 50      | 1                 | Ant 1      | OFF     | 98.70      | 1.01         | 13.00                    | 12.86                          | 1.03           | 0                | <0.001                  | 0.00                  |
|                   | WLAN5.3G | 802.11ac VHT160 | Top Side of the Keyboard | 0                        | 50      | 1                 | Ant 1      | OFF     | 98.70      | 1.01         | 13.00                    | 12.86                          | 1.03           | 0                | <0.001                  | 0.00                  |
|                   | WLAN5.3G | 802.11ac VHT160 | Left Edge of Laptop      | 0                        | 50      | 1                 | Ant 2      | OFF     | 98.70      | 1.01         | 13.00                    | 12.76                          | 1.06           | 0                | <0.001                  | 0.00                  |
|                   | WLAN5.3G | 802.11ac VHT160 | Right Edge of Laptop     | 0                        | 50      | 1                 | Ant 2      | OFF     | 98.70      | 1.01         | 13.00                    | 12.76                          | 1.06           | 0                | <0.001                  | 0.00                  |
|                   | WLAN5.3G | 802.11ac VHT160 | Top Side of the Keyboard | 0                        | 50      | 1                 | Ant 2      | OFF     | 98.70      | 1.01         | 13.00                    | 12.76                          | 1.06           | 0                | <0.001                  | 0.00                  |
|                   | WLAN5.3G | 802.11ac VHT160 | Left Edge of Laptop      | 0                        | 50      | 1                 | Ant 1+2    | OFF     | 98.70      | 1.01         | 16.00                    | 15.58                          | 1.10           | 0                | <0.001                  | 0.00                  |
|                   | WLAN5.3G | 802.11ac VHT160 | Right Edge of Laptop     | 0                        | 50      | 1                 | Ant 1+2    | OFF     | 98.70      | 1.01         | 16.00                    | 15.58                          | 1.10           | 0                | <0.001                  | 0.00                  |
| 8                 | WLAN5.3G | 802.11ac VHT160 | Top Side of the Keyboard | 0                        | 50      | 1                 | Ant 1+2    | OFF     | 98.70      | 1.01         | 16.00                    | 15.58                          | 1.10           | 0                | <0.001                  | 0.00                  |
|                   | WLAN5.3G | 802.11ac VHT160 | Top Side of the Keyboard | 0                        | 50      | 2                 | Ant 1+2    | OFF     | 98.70      | 1.01         | 16.00                    | 15.58                          | 1.10           | 0                | <0.001                  | 0.00                  |
|                   |          |                 |                          |                          |         |                   |            |         |            |              |                          |                                |                |                  |                         |                       |
|                   | WLAN5.6G | 802.11ac VHT160 | Left Edge of Laptop      | 0                        | 114     | 1                 | Ant 1      | OFF     | 98.70      | 1.01         | 11.50                    | 11.49                          | 1.00           | 0                | <0.001                  | 0.00                  |
|                   | WLAN5.6G | 802.11ac VHT160 | Right Edge of Laptop     | 0                        | 114     | 1                 | Ant 1      | OFF     | 98.70      | 1.01         | 11.50                    | 11.49                          | 1.00           | 0                | <0.001                  | 0.00                  |
|                   | WLAN5.6G | 802.11ac VHT160 | Top Side of the Keyboard | 0                        | 114     | 1                 | Ant 1      | OFF     | 98.70      | 1.01         | 11.50                    | 11.49                          | 1.00           | 0                | <0.001                  | 0.00                  |
|                   | WLAN5.6G | 802.11ac VHT160 | Left Edge of Laptop      | 0                        | 114     | 1                 | Ant 2      | OFF     | 98.70      | 1.01         | 11.50                    | 11.44                          | 1.01           | 0                | <0.001                  | 0.00                  |
|                   | WLAN5.6G | 802.11ac VHT160 | Right Edge of Laptop     | 0                        | 114     | 1                 | Ant 2      | OFF     | 98.70      | 1.01         | 11.50                    | 11.44                          | 1.01           | 0                | <0.001                  | 0.00                  |
|                   | WLAN5.6G | 802.11ac VHT160 | Top Side of the Keyboard | 0                        | 114     | 1                 | Ant 2      | OFF     | 98.70      | 1.01         | 11.50                    | 11.44                          | 1.01           | 0                | <0.001                  | 0.00                  |
|                   | WLAN5.6G | 802.11ac VHT160 | Left Edge of Laptop      | 0                        | 114     | 1                 | Ant 1+2    | OFF     | 98.70      | 1.01         | 14.50                    | 14.15                          | 1.08           | 0                | <0.001                  | 0.00                  |
|                   | WLAN5.6G | 802.11ac VHT160 | Right Edge of Laptop     | 0                        | 114     | 1                 | Ant 1+2    | OFF     | 98.70      | 1.01         | 14.50                    | 14.15                          | 1.08           | 0                | <0.001                  | 0.00                  |
| 9                 | WLAN5.6G | 802.11ac VHT160 | Top Side of the Keyboard | 0                        | 114     | 1                 | Ant 1+2    | OFF     | 98.70      | 1.01         | 14.50                    | 14.15                          | 1.08           | 0                | <0.001                  | 0.00                  |
|                   | WLAN5.6G | 802.11ac VHT160 | Top Side of the Keyboard | 0                        | 114     | 2                 | Ant 1+2    | OFF     | 98.70      | 1.01         | 14.50                    | 14.15                          | 1.08           | 0                | <0.001                  | 0.00                  |
|                   |          |                 |                          |                          |         |                   |            |         |            |              |                          |                                |                |                  |                         |                       |

### Extremity SAR Test Result

| System & Position |          |                 |                          |                          |         | DUT Configuration |            |         | SAR        |              |                          |                                |                |                  |                         |                       |
|-------------------|----------|-----------------|--------------------------|--------------------------|---------|-------------------|------------|---------|------------|--------------|--------------------------|--------------------------------|----------------|------------------|-------------------------|-----------------------|
| Plot No.          | Band     | Mode            | Test Position            | Separation Distance (mm) | Channel | Antenna Vendor    | Ant Status | Battery | Duty Cycle | Crest Factor | Max. Tune-up Power (dBm) | Measured Conducted Power (dBm) | Scaling Factor | Power Drift (dB) | Measured SAR-10g (W/kg) | Scaled SAR-10g (W/kg) |
|                   | WLAN5.8G | 802.11ac VHT80  | Left Edge of Laptop      | 0                        | 155     | 1                 | Ant 1      | OFF     | 98.10      | 1.02         | 12.00                    | 11.61                          | 1.09           | 0                | <0.001                  | 0.00                  |
|                   | WLAN5.8G | 802.11ac VHT80  | Right Edge of Laptop     | 0                        | 155     | 1                 | Ant 1      | OFF     | 98.10      | 1.02         | 12.00                    | 11.61                          | 1.09           | 0                | <0.001                  | 0.00                  |
|                   | WLAN5.8G | 802.11ac VHT80  | Top Side of the Keyboard | 0                        | 155     | 1                 | Ant 1      | OFF     | 98.10      | 1.02         | 12.00                    | 11.61                          | 1.09           | 0                | <0.001                  | 0.00                  |
|                   | WLAN5.8G | 802.11ac VHT80  | Left Edge of Laptop      | 0                        | 155     | 1                 | Ant 2      | OFF     | 98.10      | 1.02         | 12.00                    | 11.89                          | 1.03           | 0                | <0.001                  | 0.00                  |
|                   | WLAN5.8G | 802.11ac VHT80  | Right Edge of Laptop     | 0                        | 155     | 1                 | Ant 2      | OFF     | 98.10      | 1.02         | 12.00                    | 11.89                          | 1.03           | 0                | <0.001                  | 0.00                  |
|                   | WLAN5.8G | 802.11ac VHT80  | Top Side of the Keyboard | 0                        | 155     | 1                 | Ant 2      | OFF     | 98.10      | 1.02         | 12.00                    | 11.89                          | 1.03           | 0                | <0.001                  | 0.00                  |
|                   | WLAN5.8G | 802.11ac VHT80  | Left Edge of Laptop      | 0                        | 155     | 1                 | Ant 1+2    | OFF     | 98.10      | 1.02         | 15.00                    | 14.76                          | 1.06           | 0                | <0.001                  | 0.00                  |
|                   | WLAN5.8G | 802.11ac VHT80  | Right Edge of Laptop     | 0                        | 155     | 1                 | Ant 1+2    | OFF     | 98.10      | 1.02         | 15.00                    | 14.76                          | 1.06           | 0                | <0.001                  | 0.00                  |
| 10                | WLAN5.8G | 802.11ac VHT80  | Top Side of the Keyboard | 0                        | 155     | 1                 | Ant 1+2    | OFF     | 98.10      | 1.02         | 15.00                    | 14.76                          | 1.06           | 0                | <0.001                  | 0.00                  |
|                   | WLAN5.8G | 802.11ac VHT80  | Top Side of the Keyboard | 0                        | 155     | 2                 | Ant 1+2    | OFF     | 98.10      | 1.02         | 15.00                    | 14.76                          | 1.06           | 0                | <0.001                  | 0.00                  |
|                   |          |                 |                          |                          |         |                   |            |         |            |              |                          |                                |                |                  |                         |                       |
|                   | WLAN5.9G | 802.11ac VHT160 | Left Edge of Laptop      | 0                        | 163     | 1                 | Ant 1      | OFF     | 98.70      | 1.01         | 12.50                    | 12.39                          | 1.03           | 0                | <0.001                  | 0.00                  |
|                   | WLAN5.9G | 802.11ac VHT160 | Right Edge of Laptop     | 0                        | 163     | 1                 | Ant 1      | OFF     | 98.70      | 1.01         | 12.50                    | 12.39                          | 1.03           | 0                | <0.001                  | 0.00                  |
|                   | WLAN5.9G | 802.11ac VHT160 | Top Side of the Keyboard | 0                        | 163     | 1                 | Ant 1      | OFF     | 98.70      | 1.01         | 12.50                    | 12.39                          | 1.03           | 0                | <0.001                  | 0.00                  |
|                   | WLAN5.9G | 802.11ac VHT160 | Left Edge of Laptop      | 0                        | 163     | 1                 | Ant 2      | OFF     | 98.70      | 1.01         | 12.50                    | 12.36                          | 1.03           | 0                | <0.001                  | 0.00                  |
|                   | WLAN5.9G | 802.11ac VHT160 | Right Edge of Laptop     | 0                        | 163     | 1                 | Ant 2      | OFF     | 98.70      | 1.01         | 12.50                    | 12.36                          | 1.03           | 0                | <0.001                  | 0.00                  |
|                   | WLAN5.9G | 802.11ac VHT160 | Top Side of the Keyboard | 0                        | 163     | 1                 | Ant 2      | OFF     | 98.70      | 1.01         | 12.50                    | 12.36                          | 1.03           | 0                | <0.001                  | 0.00                  |
|                   | WLAN5.9G | 802.11ac VHT160 | Left Edge of Laptop      | 0                        | 163     | 1                 | Ant 1+2    | OFF     | 98.70      | 1.01         | 15.50                    | 15.41                          | 1.02           | 0                | <0.001                  | 0.00                  |
|                   | WLAN5.9G | 802.11ac VHT160 | Right Edge of Laptop     | 0                        | 163     | 1                 | Ant 1+2    | OFF     | 98.70      | 1.01         | 15.50                    | 15.41                          | 1.02           | 0                | <0.001                  | 0.00                  |
| 11                | WLAN5.9G | 802.11ac VHT160 | Top Side of the Keyboard | 0                        | 163     | 1                 | Ant 1+2    | OFF     | 98.70      | 1.01         | 15.50                    | 15.41                          | 1.02           | 0                | <0.001                  | 0.00                  |
|                   | WLAN5.9G | 802.11ac VHT160 | Top Side of the Keyboard | 0                        | 163     | 2                 | Ant 1+2    | OFF     | 98.70      | 1.01         | 15.50                    | 15.41                          | 1.02           | 0                | <0.001                  | 0.00                  |
|                   |          |                 |                          |                          |         |                   |            |         |            |              |                          |                                |                |                  |                         |                       |
|                   | BT       | BDR             | Left Edge of Laptop      | 0                        | 0       | 1                 | Ant 2      | OFF     | 76.92      | 1.30         | 10.00                    | 9.48                           | 1.13           | 0                | <0.001                  | 0.00                  |
|                   | BT       | BDR             | Right Edge of Laptop     | 0                        | 0       | 1                 | Ant 2      | OFF     | 76.92      | 1.30         | 10.00                    | 9.48                           | 1.13           | 0                | <0.001                  | 0.00                  |
| 12                | BT       | BDR             | Top Side of the Keyboard | 0                        | 0       | 1                 | Ant 2      | OFF     | 76.92      | 1.30         | 10.00                    | 9.48                           | 1.13           | 0                | <0.001                  | 0.00                  |
|                   | BT       | BDR             | Top Side of the Keyboard | 0                        | 39      | 1                 | Ant 2      | OFF     | 76.92      | 1.30         | 10.00                    | 9.47                           | 1.13           | 0                | <0.001                  | 0.00                  |
|                   | BT       | BDR             | Top Side of the Keyboard | 0                        | 78      | 1                 | Ant 2      | OFF     | 76.92      | 1.30         | 10.00                    | 9.38                           | 1.15           | 0                | <0.001                  | 0.00                  |
|                   | BT       | BDR             | Top Side of the Keyboard | 0                        | 0       | 2                 | Ant 2      | OFF     | 76.92      | 1.30         | 10.00                    | 9.48                           | 1.13           | 0                | <0.001                  | 0.00                  |
|                   |          |                 |                          |                          |         |                   |            |         |            |              |                          |                                |                |                  |                         |                       |

| Extremity SAR and APD Test Result |        |                |                      |                          |         |                   |            |         |            |              |                          |                                |                |                  |                         |                       |                                                   |                                                 |
|-----------------------------------|--------|----------------|----------------------|--------------------------|---------|-------------------|------------|---------|------------|--------------|--------------------------|--------------------------------|----------------|------------------|-------------------------|-----------------------|---------------------------------------------------|-------------------------------------------------|
| System & Position                 |        |                |                      |                          |         | DUT Configuration |            |         | SAR        |              |                          |                                |                |                  |                         |                       |                                                   |                                                 |
| Plot No.                          | Band   | Mode           | Test Position        | Separation Distance (mm) | Channel | Antenna Vendor    | Ant Status | Battery | Duty Cycle | Crest Factor | Max. Tune-up Power (dBm) | Measured Conducted Power (dBm) | Scaling Factor | Power Drift (dB) | Measured SAR-10g (W/kg) | Scaled SAR-10g (W/kg) | Measured APD W/m <sup>2</sup> (4cm <sup>2</sup> ) | Scaled APD W/m <sup>2</sup> (4cm <sup>2</sup> ) |
|                                   | UNII-5 | 802.11ax HE160 | Left Edge of Laptop  | 0                        | 47      | 1                 | Ant 1      | OFF     | 98.70      | 1.01         | 10.00                    | 9.86                           | 1.03           | 0                | <0.001                  | 0.00                  | 0                                                 | 0                                               |
|                                   | UNII-5 | 802.11ax HE160 | Right Edge of Laptop | 0                        | 47      | 1                 | Ant 1      | OFF     | 98.70      | 1.01         | 10.00                    | 9.86                           | 1.03           | 0                | <0.001                  | 0.00                  | 0                                                 | 0                                               |
|                                   | UNII-5 | 802.11ax HE160 | Top Side of the      | 0                        | 47      | 1                 | Ant 1      | OFF     | 98.70      | 1.01         | 10.00                    | 9.86                           | 1.03           | 0                | <0.001                  | 0.00                  | 0                                                 | 0                                               |
|                                   | UNII-5 | 802.11ax HE160 | Left Edge of Laptop  | 0                        | 47      | 1                 | Ant 2      | OFF     | 98.70      | 1.01         | 10.00                    | 9.85                           | 1.04           | 0                | <0.001                  | 0.00                  | 0                                                 | 0                                               |
|                                   | UNII-5 | 802.11ax HE160 | Right Edge of Laptop | 0                        | 47      | 1                 | Ant 2      | OFF     | 98.70      | 1.01         | 10.00                    | 9.85                           | 1.04           | 0                | <0.001                  | 0.00                  | 0                                                 | 0                                               |
|                                   | UNII-5 | 802.11ax HE160 | Top Side of the      | 0                        | 47      | 1                 | Ant 2      | OFF     | 98.70      | 1.01         | 10.00                    | 9.85                           | 1.04           | 0                | <0.001                  | 0.00                  | 0                                                 | 0                                               |
|                                   | UNII-5 | 802.11ax HE160 | Left Edge of Laptop  | 0                        | 47      | 1                 | Ant 1+2    | OFF     | 98.20      | 1.02         | 13.00                    | 12.89                          | 1.03           | 0                | <0.001                  | 0.00                  | 0                                                 | 0                                               |
|                                   | UNII-5 | 802.11ax HE160 | Right Edge of Laptop | 0                        | 47      | 1                 | Ant 1+2    | OFF     | 98.20      | 1.02         | 13.00                    | 12.89                          | 1.03           | 0                | <0.001                  | 0.00                  | 0                                                 | 0                                               |
| 14                                | UNII-5 | 802.11ax HE160 | Top Side of the      | 0                        | 47      | 1                 | Ant 1+2    | OFF     | 98.20      | 1.02         | 13.00                    | 12.89                          | 1.03           | 0                | <0.001                  | 0.00                  | 0                                                 | 0                                               |
|                                   | UNII-5 | 802.11ax HE160 | Top Side of the      | 0                        | 15      | 1                 | Ant 1+2    | OFF     | 98.20      | 1.02         | 13.00                    | 12.75                          | 1.06           | 0                | <0.001                  | 0.00                  | 0                                                 | 0                                               |
|                                   | UNII-5 | 802.11ax HE160 | Top Side of the      | 0                        | 79      | 1                 | Ant 1+2    | OFF     | 98.20      | 1.02         | 13.00                    | 12.67                          | 1.08           | 0                | <0.001                  | 0.00                  | 0                                                 | 0                                               |
|                                   | UNII-6 | 802.11ax HE160 | Top Side of the      | 0                        | 111     | 1                 | Ant 1+2    | OFF     | 98.20      | 1.02         | 12.00                    | 11.79                          | 1.05           | 0                | <0.001                  | 0.00                  | 0                                                 | 0                                               |
|                                   | UNII-7 | 802.11ax HE160 | Top Side of the      | 0                        | 143     | 1                 | Ant 1+2    | OFF     | 98.20      | 1.02         | 13.00                    | 12.66                          | 1.08           | 0                | <0.001                  | 0.00                  | 0                                                 | 0                                               |
|                                   | UNII-7 | 802.11ax HE160 | Top Side of the      | 0                        | 175     | 1                 | Ant 1+2    | OFF     | 98.20      | 1.02         | 12.00                    | 11.66                          | 1.08           | 0                | <0.001                  | 0.00                  | 0                                                 | 0                                               |
|                                   | UNII-8 | 802.11ax HE160 | Top Side of the      | 0                        | 207     | 1                 | Ant 1+2    | OFF     | 98.20      | 1.02         | 12.00                    | 11.32                          | 1.17           | 0                | <0.001                  | 0.00                  | 0                                                 | 0                                               |
|                                   | UNII-5 | 802.11ax HE160 | Top Side of the      | 0                        | 47      | 2                 | Ant 1+2    | OFF     | 98.20      | 1.02         | 13.00                    | 12.89                          | 1.03           | 0                | <0.001                  | 0.00                  | 0                                                 | 0                                               |
|                                   |        |                |                      |                          |         |                   |            |         | -          | 1.00         | -                        | -                              | 1              |                  | -                       | -                     |                                                   | -                                               |

## **Appendix G. SAR Measurement Variability**

Since all the measured SAR<sub>10g</sub> are less than 2.0 W/kg, the repeated measurement is not required. SAR repeated measurement are shown as below.

| Repeated SAR |          |                 |                  |     |                                          |                                     |           |
|--------------|----------|-----------------|------------------|-----|------------------------------------------|-------------------------------------|-----------|
| Plot         | Band     | Mode            | Test Position    | Ch. | Original<br>Measured<br>SAR-1g<br>(W/kg) | 1st<br>Repeated<br>SAR-1g<br>(W/kg) | L/S Ratio |
| R01          | WLAN2.4G | 802.11b         | Bottom of Laptop | 13  | 1.06                                     | 1.01                                | 1.05      |
| R02          | WLAN5.3G | 802.11ac VHT160 | Bottom of Laptop | 50  | 0.816                                    | 0.793                               | 1.03      |
| R03          | WLAN5.6G | 802.11ac VHT160 | Bottom of Laptop | 114 | 1.05                                     | 0.989                               | 1.06      |
| R04          | WLAN5.8G | 802.11ac VHT80  | Bottom of Laptop | 155 | 1                                        | 0.973                               | 1.03      |
| R05          | WLAN5.9G | 802.11ac VHT160 | Bottom of Laptop | 163 | 1.06                                     | 0.993                               | 1.07      |

## Appendix H. Analysis of Simultaneous Transmission.

The analysis of simultaneous transmission SAR are shown as below.

### <Possibilities of Simultaneous Transmission>

The simultaneous transmission possibilities for this device are listed as below.

| Simultaneous TX Combination | Capable Transmit Configurations         | Body / Extremity Exposure Condition |
|-----------------------------|-----------------------------------------|-------------------------------------|
| A                           | (DBS ON) : MAX. WLAN 2.4G + MAX. WLAN6G | Yes                                 |
| B                           | (DBS ON) : MAX. WLAN 2.4G + MAX. WLAN5G | Yes                                 |
| C                           | (DBS ON) : MAX. WLAN 5G + MAX. BT       | Yes                                 |
| D                           | (DBS ON) : MAX. WLAN 6G + MAX. BT       | Yes                                 |
| E                           | (DBS OFF) : MAX. WLAN 5G + MAX. BT      | Yes                                 |
| F                           | (DBS OFF) : MAX. WLAN 6G + MAX. BT      | Yes                                 |
|                             |                                         |                                     |
|                             |                                         |                                     |
|                             |                                         |                                     |
|                             |                                         |                                     |

| Simultaneous Transmission SAR Evaluation (Body) |                       |                  |                  |                  |                                      |                                      |                |                               |                                  |                                  |                                  |                                  |                               |                                        |                                        |                                         |
|-------------------------------------------------|-----------------------|------------------|------------------|------------------|--------------------------------------|--------------------------------------|----------------|-------------------------------|----------------------------------|----------------------------------|----------------------------------|----------------------------------|-------------------------------|----------------------------------------|----------------------------------------|-----------------------------------------|
| Position                                        | 1_DBS ON              | 2_DBS ON         | 3_DBS ON         | 4_DBS OFF        | 3PD_DBS ON                           | 4PD_DBS OFF                          | 5              | A(1+3)                        | B(1+2)                           | C(2+5)                           | D(3+5)                           | E(2+5)                           | F(4+5)                        | A(1+3PD_DBS ON)                        | D(3PD_DBS ON+5)                        | F(4PD_DBS Off+5)                        |
|                                                 | Max<br>WLAN<br>2.4GHz | Max<br>WLAN 5GHz | Max<br>WLAN 6GHz | Max<br>WLAN 6GHz | Max<br>WLAN 6GHz                     | Max<br>WLAN 6GHz                     | BT Ant 1       | Summing result<br>1g SAR W/kg | Summing<br>result<br>1g SAR W/kg | Summing<br>result<br>1g SAR W/kg | Summing<br>result<br>1g SAR W/kg | Summing<br>result<br>1g SAR W/kg | Summing result<br>1g SAR W/kg | Total<br>Exposure<br>Ratio<br>(DBS On) | Total<br>Exposure<br>Ratio<br>(DBS On) | Total<br>Exposure<br>Ratio<br>(DBS Off) |
|                                                 | 1g SAR<br>W/kg        | 1g SAR<br>W/kg   | 1g SAR<br>W/kg   | 1g SAR<br>W/kg   | 4cm <sup>2</sup><br>W/m <sup>2</sup> | 4cm <sup>2</sup><br>W/m <sup>2</sup> | 1g SAR<br>W/kg |                               |                                  |                                  |                                  |                                  |                               |                                        |                                        |                                         |
| Bottom of Laptop                                | 0.78                  | 0.77             | 0.24             | 0.38             | 4.24                                 | 6.80                                 | 0.25           | 1.02                          | 1.55                             | 1.02                             | 0.49                             | 1.02                             | 0.63                          | 0.91                                   | 0.58                                   | 0.84                                    |
| Front Edge of Laptop                            |                       |                  |                  | 0.20             |                                      | 0.00                                 | 0.10           |                               |                                  |                                  |                                  |                                  | 0.30                          |                                        |                                        | 0.06                                    |

| Simultaneous Transmission SAR Evaluation (Body) |                       |                  |                  |                  |                                      |                                      |                 |                                |                                |                                |                                |                                |                                |
|-------------------------------------------------|-----------------------|------------------|------------------|------------------|--------------------------------------|--------------------------------------|-----------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|
| Position                                        | 1_DBS ON              | 2_DBS ON         | 3_DBS ON         | 4_DBS OFF        | 3PD_DBS ON                           | 4PD_DBS OFF                          | 5               | A(1+3)                         | B(1+2)                         | C(2+5)                         | D(3+5)                         | E(2+5)                         | F(4+5)                         |
|                                                 | Max<br>WLAN<br>2.4GHz | Max<br>WLAN 5GHz | Max<br>WLAN 6GHz | Max<br>WLAN 6GHz | Max<br>WLAN 6GHz                     | Max<br>WLAN 6GHz                     | BT Ant 1        | Summimg result<br>10g SAR W/kg | Summimg result<br>10g SAR W/kg | Summimg result<br>10g SAR W/kg | Summimg result<br>10g SAR W/kg | Summimg result<br>10g SAR W/kg | Summimg result<br>10g SAR W/kg |
|                                                 | 10g SAR<br>W/kg       | 10g SAR<br>W/kg  | 10g SAR<br>W/kg  | 1g SAR<br>W/kg   | 4cm <sup>2</sup><br>W/m <sup>2</sup> | 4cm <sup>2</sup><br>W/m <sup>2</sup> | 10g SAR<br>W/kg |                                |                                |                                |                                |                                |                                |
| Left Edge of Laptop                             | 0.00                  | 0.00             | 0.00             | 0.00             |                                      |                                      | 0.00            | 0.00                           | 0.00                           | 0.00                           | 0.00                           | 0.00                           | 0.00                           |
| Right Edge of Laptop                            | 0.00                  | 0.00             | 0.00             | 0.00             |                                      |                                      | 0.00            | 0.00                           | 0.00                           | 0.00                           | 0.00                           | 0.00                           | 0.00                           |
| Top Side of the Keyboard                        | 0.00                  | 0.00             | 0.00             | 0.00             |                                      |                                      | 0.00            | 0.00                           | 0.00                           | 0.00                           | 0.00                           | 0.00                           | 0.00                           |

## **Appendix J. Calibration of Test Equipment List**

Calibration of Test Equipment List are shown as below.

## Equipment for SAR Test

| Equipment                        | Manufacturer  | Model                         | SN         | Cal. Date     | Cal. Interval |
|----------------------------------|---------------|-------------------------------|------------|---------------|---------------|
| System Validation Dipole         | SPEAG         | D2450V2                       | 737        | Feb. 19, 2026 | 1 Year        |
| System Validation Dipole         | SPEAG         | D5GHzV2                       | 1019       | Feb. 19, 2026 | 1 Year        |
| System Validation Dipole         | SPEAG         | D6.5GHzV2                     | 1008       | Sep. 10, 2025 | 1 Year        |
| System Verification Source       | SPEAG         | 5G Verification Source 10 GHz | 1025       | Jan. 14, 2026 | 1 Year        |
| Dosimetric E-Field Probe         | SPEAG         | EX3DV4                        | 3650       | Jan. 26, 2026 | 1 Year        |
| Dosimetric E-Field Probe         | SPEAG         | EX3DV4                        | 7696       | Sep. 11, 2025 | 1 Year        |
| E-Field Probe                    | SPEAG         | EUmmWV4                       | 9438       | Mar. 12, 2026 | 1 Year        |
| Data Acquisition Electronics     | SPEAG         | DAE4                          | 1590       | Aug. 13, 2025 | 1 Year        |
| Data Acquisition Electronics     | SPEAG         | DAE4                          | 1341       | Mar. 11, 2026 | 1 Year        |
| Data Acquisition Electronics     | SPEAG         | DAE4                          | 1762       | Oct. 20, 2025 | 1 Year        |
| Analog Signal Generator          | R&S           | SMA100B                       | 104417     | Oct. 20, 2025 | 1 Year        |
| Mini-Circuits Wideband Amplifier | Mini-Circuits | ZVA-183-S+                    | 434502031A | Jun. 11, 2025 | 1 Year        |
| Mini-Circuits Wideband Amplifier | Mini-Circuits | ZVA-183-S+                    | 434502031B | Jun. 10, 2026 | 1 Year        |
| Power Meter                      | Anritsu       | ML2488B                       | 1141007    | Dec. 03, 2025 | 1 Year        |
| Power Sensor                     | Anritsu       | SC7816                        | 1131049    | Dec. 03, 2025 | 1 Year        |
| Spectrum Analyzer                | R&S           | FPH                           | 103561     | Jan. 06, 2026 | 1 Year        |
| Thermometer                      | YFE           | YF-160A                       | 120702365  | Sep. 10, 2025 | 1 Year        |
| Dielectric Assessment Kit        | SPEAG         | DAK-3.5                       | 1151       | Jul. 14, 2025 | 1 Year        |
| Dielectric Assessment Kit        | SPEAG         | DAK-12                        | 1164       | Feb. 17, 2026 | 1 Year        |
| Powersource1                     | SPEAG         | SE_UMS_160 BA                 | 1052       | Jul. 08, 2025 | 1 Year        |

## **Appendix K. Considerations Related to Bluetooth for Setup and Testing**

This device has installed Bluetooth engineering testing software which can provide continuous transmitting RF signal. During Bluetooth SAR testing, this device was operated to transmit continuously at the maximum transmission duty with specified transmission mode, operating frequency, lowest data rate, and maximum output power.

The Bluetooth call box has been used during SAR measurement and the EUT was set to DH5 mode at the maximum output power. Its duty factor was calculated as below and the measured SAR for Bluetooth would be scaled to the 100% transmission duty factor to determine compliance.

The duty factor of Bluetooth signal are shown as below.

### <Time-domain plot for Bluetooth transmission signal>



### Time-domain plot for Bluetooth transmission signal

The duty factor of Bluetooth signal has been calculated as following.

$$\text{Duty Factor} = \text{Pulse Width} / \text{Total Period} = (8.98 - 6.08) / (9.85 - 6.08) = 76.92\%$$

## **Appendix Z. Calibration Certificate for Probe and Dipole**

The SPEAG calibration certificates are shown as follows.

**Calibration Laboratory of**

Schmid &amp; Partner

Engineering AG

Zeughausstrasse 43, 8004 Zurich, Switzerland



S Schweizerischer Kalibrierdienst  
C Service suisse d'étalonnage  
S Servizio svizzero di taratura  
S Swiss Calibration Service

Accredited by the Swiss Accreditation Service (SAS)

The Swiss Accreditation Service is one of the signatories to the EA

Multilateral Agreement for the recognition of calibration certificates

Accreditation No.: **SCS 0108**

Client

**B.V. ADT**

Taoyuan City

Certificate No.

**D2450V2-737\_Feb26****CALIBRATION CERTIFICATE**

Object

D2450V2 - SN: 737

Calibration procedure(s)

QA CAL-05.v13

Calibration Procedure for SAR Validation Sources between 0.7 - 3 GHz

Calibration date

February 19, 2026

This calibration certificate documents the traceability to national standards, which realize the physical units of measurements (SI).  
The measurements and the uncertainties with confidence probability are given on the following pages and are part of the certificate.

All calibrations have been conducted in the closed laboratory facility: environment temperature  $(22 \pm 3)^\circ\text{C}$  and humidity  $< 70\%$ .

Calibration Equipment used (M&TE critical for calibration)

| Primary Standards           | ID         | Cal Date (Certificate No.)             | Scheduled Cal |
|-----------------------------|------------|----------------------------------------|---------------|
| Power Sensor R&S NRP40T     | SN: 101861 | 29-Apr-25 (No. 2025-001450)            | Apr-26        |
| Power Sensor R&S NRP18A     | SN: 101859 | 06-Feb-25 (No. 4030A315009541)         | Feb-26        |
| Spectrum Analyzer R&S FSV40 | SN: 101832 | 23-Jan-26 (No. 4030A315011865)         | Jan-27        |
| 3.5mm mismatch combination  | SN: 1152   | 24-Mar-25 (No. 217-04293)              | Mar-26        |
| OCP DAK-12                  | SN: 1016   | 16-Sept-25 (No. OCP-DAK12-1016_Sep25)  | Sep-26        |
| OCP DAK-3.5                 | SN: 1249   | 16-Sept-25 (No. OCP-DAK3.5-1249_Sep25) | Sep-26        |
| Reference Probe EX3DV4      | SN: 7349   | 29-Jan-26 (No. EX3-7349_Jan26)         | Jan-27        |
| DAE4ip                      | SN: 1640   | 03-Nov-25 (No. DAE4ip-1640_Nov25)      | Nov-26        |

| Secondary Standards          | ID         | Check Date (in house)                      | Scheduled Check |
|------------------------------|------------|--------------------------------------------|-----------------|
| ACAD Setup 1                 | SN: 1000   | 27-May-25 (No. 675-ACAD_Source_Box-250527) | May-26          |
| Signal Generator R&S SMB100A | SN: 182081 | 27-May-25 (No. 675-CAL16-S4588-250527)     | May-26          |
| Mismatch; SMA                | SN: 1102   | 24-Apr-25 (No. 675-Mismatch_SMA-250424)    | Apr-26          |
| OCP DAK-12                   | SN: 1029   | 27-Feb-25 (No. OCP-DAK12-1029_Feb25)       | Feb-26          |
| OCP DAK-3.5                  | SN: 1336   | 10-Dec-25 (No. OCP-DAK3.5-1336_Dec25)      | Dec-26          |

|                                                                                                                 |                  |                       |           |
|-----------------------------------------------------------------------------------------------------------------|------------------|-----------------------|-----------|
|                                                                                                                 | Name             | Function              | Signature |
| Calibrated by                                                                                                   | Krešimir Franjić | Laboratory Technician |           |
| Approved by                                                                                                     | Sven Kühn        | Technical Manager     |           |
| Issued: February 19, 2026                                                                                       |                  |                       |           |
| This calibration certificate shall not be reproduced except in full without written approval of the laboratory. |                  |                       |           |



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**The Swiss Accreditation Service is one of the signatories to the EA  
Multilateral Agreement for the recognition of calibration certificates**

**Accreditation No.: SCS 0108**

## Glossary

|       |                                 |
|-------|---------------------------------|
| TSL   | tissue simulating liquid        |
| ConvF | sensitivity in TSL / NORM x,y,z |
| N/A   | not applicable or not measured  |

## Calibration is Performed According to the Following Standards

- IEC/IEEE 62209-1528, "Measurement Procedure For The Assessment Of Specific Absorption Rate Of Human Exposure To Radio Frequency Fields From Hand-Held And Body-Worn Wireless Communication Devices - Part 1528: Human Models, Instrumentation And Procedures (Frequency Range of 4 MHz to 10 GHz)", October 2020.
- KDB 865664, "SAR Measurement Requirements for 100 MHz to 6 GHz"

## Additional Documentation

- DASY System Handbook

## Methods Applied and Interpretation of Parameters

- *Measurement Conditions*: Further details are available from the Validation Report at the end of the certificate. All figures stated in the certificate are valid at the frequency indicated.
- *Antenna Parameters with TSL*: The dipole is mounted with the spacer to position its feed point exactly below the center marking of the flat phantom section, with the arms oriented parallel to the body axis.
- *Feed Point Impedance and Return Loss*: These parameters are measured with the dipole positioned under the liquid filled phantom. The impedance stated is transformed from the measurement at the SMA connector to the feed point. The Return Loss ensures low reflected power. No uncertainty required.
- *Electrical Delay*: One-way delay between the SMA connector and the antenna feed point. No uncertainty required.
- *SAR measured*: SAR measured at the stated antenna input power.
- *SAR normalized*: SAR as measured, normalized to an input power of 1 W at the antenna connector.
- *SAR for nominal TSL parameters*: The measured TSL parameters are used to calculate the nominal SAR result.

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%.

## Measurement Conditions

DASY system configuration, as far as not given on page 1.

|                                     |                        |             |
|-------------------------------------|------------------------|-------------|
| <b>DASY Version</b>                 | DASY8 Module SAR       | 17.0.2      |
| <b>Extrapolation</b>                | Advanced Extrapolation |             |
| <b>Phantom</b>                      | Modular Flat Phantom   |             |
| <b>Distance Dipole Center - TSL</b> | 10 mm                  | with spacer |
| <b>Frequency</b>                    | 2450MHz $\pm$ 1MHz     |             |

## HSL parameters at 2450 MHz

The following parameters and calculations were applied.

|                                           | Temperature        | Permittivity  | Conductivity        |
|-------------------------------------------|--------------------|---------------|---------------------|
| <b>Nominal HSL parameters</b>             | 22.0 °C            | 39.2          | 1.80 mho/m          |
| <b>Measured HSL parameters</b>            | (22.0 $\pm$ 0.2)°C | 37.6 $\pm$ 6% | 1.87 mho/m $\pm$ 6% |
| <b>HSL temperature change during test</b> | < 0.5 °C           |               |                     |

## SAR result with HSL at 2450 MHz

| <b>SAR averaged over 1 cm<sup>3</sup> (1 g) of HSL</b> | Condition          |                               |
|--------------------------------------------------------|--------------------|-------------------------------|
| SAR for nominal HSL parameters                         | 24 dBm input power | 12.9 W/kg                     |
| SAR for nominal HSL parameters                         | normalized to 1W   | 51.4 W/kg $\pm$ 17.0% (k = 2) |

| <b>SAR averaged over 10 cm<sup>3</sup> (10 g) of HSL</b> | Condition          |                               |
|----------------------------------------------------------|--------------------|-------------------------------|
| SAR for nominal HSL parameters                           | 24 dBm input power | 6.04 W/kg                     |
| SAR for nominal HSL parameters                           | normalized to 1W   | 24.0 W/kg $\pm$ 16.5% (k = 2) |

**Appendix (Additional assessments outside the scope of SCS 0108)****Antenna Parameters with HSL at 2450 MHz**

|             |                                |
|-------------|--------------------------------|
| Impedance   | 54.2 $\Omega$ + 4.6 j $\Omega$ |
| Return Loss | -24.5 dB                       |

**General Antenna Parameters and Design**

|                                  |          |
|----------------------------------|----------|
| Electrical Delay (one direction) | 1.161 ns |
|----------------------------------|----------|

After long term use with 100W radiated power, only a slight warming of the dipole near the feedpoint can be measured. The dipole is made of standard semirigid coaxial cable. The center conductor of the feeding line is directly connected to the second arm of the dipole. The antenna is therefore short-circuited for DC-signals. On some of the dipoles, small end caps are added to the dipole arms in order to improve matching when loaded according to the position as explained in the "Measurement Conditions" paragraph. The SAR data are not affected by this change. The overall dipole length is still according to the Standard. No excessive force must be applied to the dipole arms, because they might bend or the soldered connections near the feedpoint may be damaged.

**Additional EUT Data**

|                 |       |
|-----------------|-------|
| Manufactured by | SPEAG |
|-----------------|-------|

System Performance Check Report

Summary

|                 |                 |     |             |
|-----------------|-----------------|-----|-------------|
| Dipole          | Frequency [MHz] | TSL | Power [dBm] |
| D2450V2 - SN737 | 2450            | HSL | 24          |

Exposure Conditions

|                      |                    |      |            |                                 |                   |                        |                  |
|----------------------|--------------------|------|------------|---------------------------------|-------------------|------------------------|------------------|
| Phantom Section, TSL | Test Distance [mm] | Band | Group, UID | Frequency [MHz], Channel Number | Conversion Factor | TSL Conductivity [S/m] | TSL Permittivity |
| Flat                 | 10                 |      | CW, 0--    | 2450, 0                         | 7.34              | 1.87                   | 37.6             |

Hardware Setup

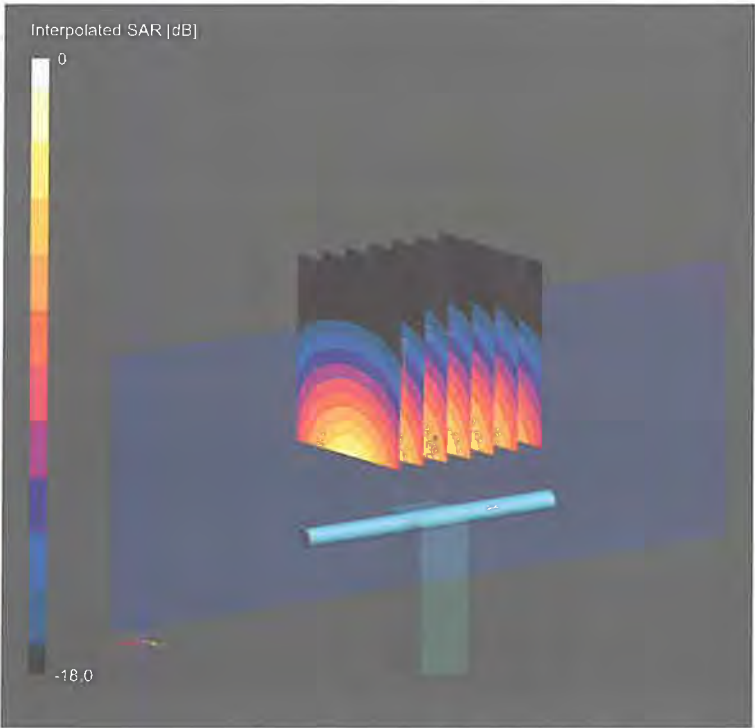
|                 |                    |                             |                           |
|-----------------|--------------------|-----------------------------|---------------------------|
| Phantom         | TSL, Measured Date | Probe, Calibration Date     | DAE, Calibration Date     |
| MFP V8.0 Center | HSL, 2026-02-19    | EX3DV4 - SN7349, 2026-01-29 | DAE4ip Sn1640, 2025-11-03 |

Scans Setup

|                     |                 |
|---------------------|-----------------|
|                     | Zoom Scan       |
| Grid Extents [mm]   | 30 x 30 x 30    |
| Grid Steps [mm]     | 5.0 x 5.0 x 1.5 |
| Sensor Surface [mm] | 1.4             |
| Graded Grid         | Yes             |
| Grading Ratio       | 1.5             |
| MAIA                | N/A             |
| Surface Detection   | VMS + 6p        |
| Scan Method         | Measured        |

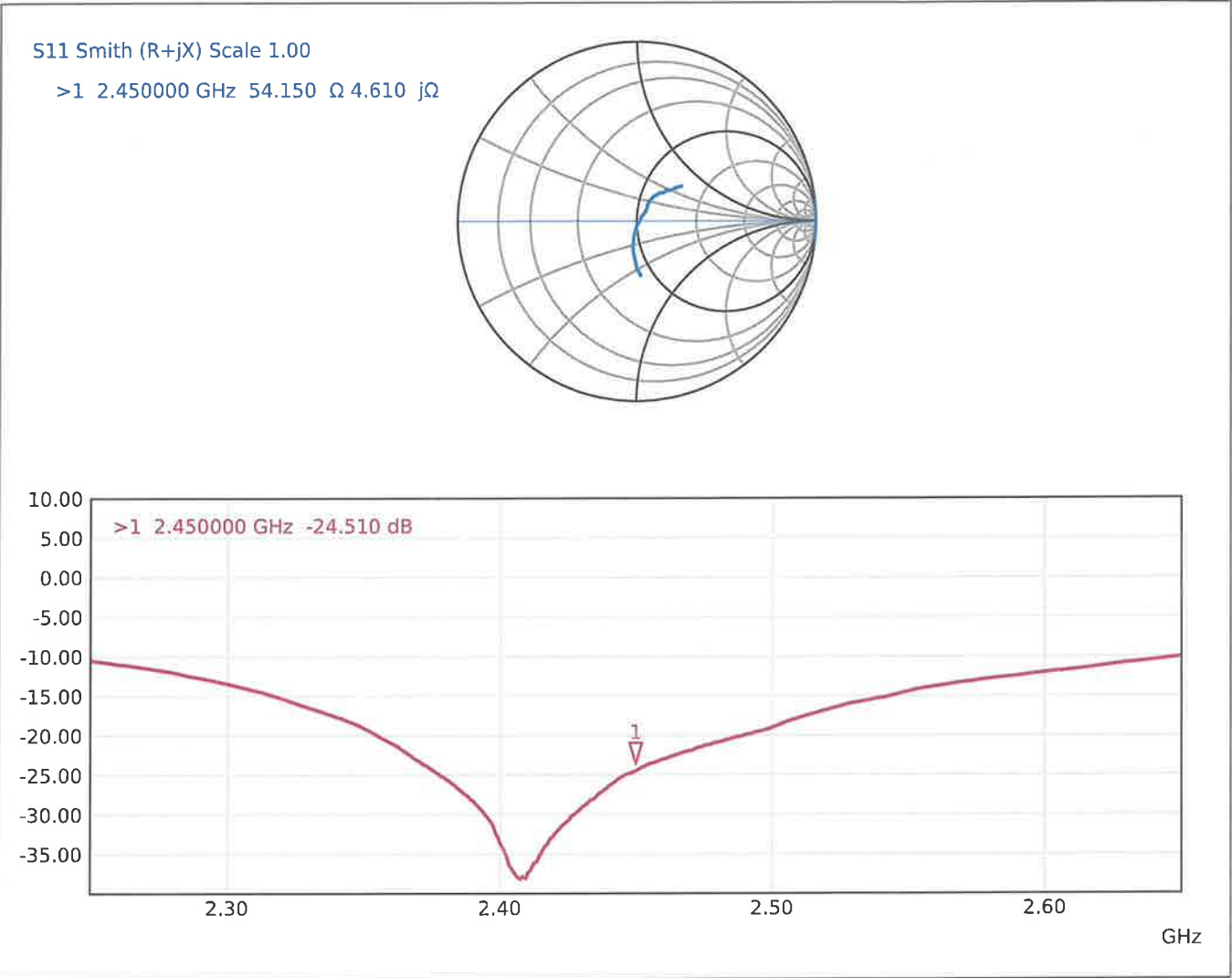
Measurement Results

|                     |                     |
|---------------------|---------------------|
|                     | Zoom Scan           |
| Date                | 2026-02-19          |
| psSAR1g [W/Kg]      | 12.9                |
| psSAR10g [W/Kg]     | 6.04                |
| Power Drift [dB]    | 0.00                |
| Power Scaling       | Disabled            |
| Scaling Factor [dB] |                     |
| TSL Correction      | Positive / Negative |



0 dB = 26.9 W/Kg

Impedance Measurement Plot for HSL





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Multilateral Agreement for the recognition of calibration certificates**

**Accreditation No.: SCS 0108**

**Client**  
**B.V. ADT**  
Taoyuan City

**Certificate No.** **D5GHzV2-1019\_Feb26**

## CALIBRATION CERTIFICATE

**Object** D5GHzV2 - SN: 1019

**Calibration procedure(s)** QA CAL-22.v8  
Calibration Procedure for SAR Validation Sources between 3 - 10 GHz

**Calibration date** February 19, 2026

This calibration certificate documents the traceability to national standards, which realize the physical units of measurements (SI).  
The measurements and the uncertainties with confidence probability are given on the following pages and are part of the certificate.

All calibrations have been conducted in the closed laboratory facility: environment temperature  $(22 \pm 3)^{\circ}\text{C}$  and humidity  $< 70\%$ .

Calibration Equipment used (M&TE critical for calibration)

| Primary Standards           | ID         | Cal Date (Certificate No.)             | Scheduled Cal |
|-----------------------------|------------|----------------------------------------|---------------|
| Power Sensor R&S NRP40T     | SN: 101861 | 29-Apr-25 (No. 2025-001450)            | Apr-26        |
| Power Sensor R&S NRP18A     | SN: 101859 | 06-Feb-25 (No. 4030A315009541)         | Feb-26        |
| Spectrum Analyzer R&S FSV40 | SN: 101832 | 23-Jan-26 (No. 4030A315011865)         | Jan-27        |
| 3.5mm mismatch combination  | SN: 1152   | 24-Mar-25 (No. 217-04293)              | Mar-26        |
| OCP DAK-12                  | SN: 1016   | 16-Sept-25 (No. OCP-DAK12-1016_Sep25)  | Sep-26        |
| OCP DAK-3.5                 | SN: 1249   | 16-Sept-25 (No. OCP-DAK3.5-1249_Sep25) | Sep-26        |
| Reference Probe EX3DV4      | SN: 7349   | 29-Jan-26 (No. EX3-7349_Jan26)         | Jan-27        |
| DAE4ip                      | SN: 1836   | 18-Feb-26 (No. DAE4ip-1836_Feb26)      | Feb-27        |

| Secondary Standards          | ID         | Check Date (in house)                      | Scheduled Check |
|------------------------------|------------|--------------------------------------------|-----------------|
| ACAD Setup 1                 | SN: 1000   | 27-May-25 (No. 675-ACAD_Source_Box-250527) | May-26          |
| Signal Generator R&S SMB100A | SN: 182081 | 27-May-25 (No. 675-CAL16-S4588-250527)     | May-26          |
| Mismatch; SMA                | SN: 1102   | 24-Apr-25 (No. 675-Mismatch_SMA-250424)    | Apr-26          |
| OCP DAK-12                   | SN: 1029   | 27-Feb-25 (No. OCP-DAK12-1029_Feb25)       | Feb-26          |
| OCP DAK-3.5                  | SN: 1336   | 10-Dec-25 (No. OCP-DAK3.5-1336_Dec25)      | Dec-26          |

|               |                  |                       |                  |
|---------------|------------------|-----------------------|------------------|
|               | <b>Name</b>      | <b>Function</b>       | <b>Signature</b> |
| Calibrated by | Krešimir Franjić | Laboratory Technician |                  |
| Approved by   | Sven Kühn        | Technical Manager     |                  |

Issued: February 20, 2026

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Multilateral Agreement for the recognition of calibration certificates**

**Accreditation No.: SCS 0108**

## Glossary

|       |                                 |
|-------|---------------------------------|
| TSL   | tissue simulating liquid        |
| ConvF | sensitivity in TSL / NORM x,y,z |
| N/A   | not applicable or not measured  |

## Calibration is Performed According to the Following Standards

- IEC/IEEE 62209-1528, "Measurement Procedure For The Assessment Of Specific Absorption Rate Of Human Exposure To Radio Frequency Fields From Hand-Held And Body-Worn Wireless Communication Devices - Part 1528: Human Models, Instrumentation And Procedures (Frequency Range of 4 MHz to 10 GHz)", October 2020.
- KDB 865664, "SAR Measurement Requirements for 100 MHz to 6 GHz"

## Additional Documentation

- DASY System Handbook

## Methods Applied and Interpretation of Parameters

- *Measurement Conditions*: Further details are available from the Validation Report at the end of the certificate. All figures stated in the certificate are valid at the frequency indicated.
- *Antenna Parameters with TSL*: The dipole is mounted with the spacer to position its feed point exactly below the center marking of the flat phantom section, with the arms oriented parallel to the body axis.
- *Feed Point Impedance and Return Loss*: These parameters are measured with the dipole positioned under the liquid filled phantom. The impedance stated is transformed from the measurement at the SMA connector to the feed point. The Return Loss ensures low reflected power. No uncertainty required.
- *Electrical Delay*: One-way delay between the SMA connector and the antenna feed point. No uncertainty required.
- *SAR measured*: SAR measured at the stated antenna input power.
- *SAR normalized*: SAR as measured, normalized to an input power of 1 W at the antenna connector.
- *SAR for nominal TSL parameters*: The measured TSL parameters are used to calculate the nominal SAR result.

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%.

## Measurement Conditions

DASY system configuration, as far as not given on page 1.

|                                     |                                                                |             |
|-------------------------------------|----------------------------------------------------------------|-------------|
| <b>DASY Version</b>                 | DASY8 Module SAR                                               | 17.0.2      |
| <b>Extrapolation</b>                | Advanced Extrapolation                                         |             |
| <b>Phantom</b>                      | Modular Flat Phantom                                           |             |
| <b>Distance Dipole Center - TSL</b> | 10 mm                                                          | with spacer |
| <b>Frequency</b>                    | 5250MHz $\pm$ 1MHz<br>5600MHz $\pm$ 1MHz<br>5800MHz $\pm$ 1MHz |             |

## HSL parameters at 5250 MHz

The following parameters and calculations were applied.

|                                           | Temperature        | Permittivity  | Conductivity        |
|-------------------------------------------|--------------------|---------------|---------------------|
| <b>Nominal HSL parameters</b>             | 22.0 °C            | 35.9          | 4.71 mho/m          |
| <b>Measured HSL parameters</b>            | (22.0 $\pm$ 0.2)°C | 36.9 $\pm$ 6% | 4.66 mho/m $\pm$ 6% |
| <b>HSL temperature change during test</b> | < 0.5 °C           |               |                     |

## SAR result with HSL at 5250 MHz

| <b>SAR averaged over 1 cm<sup>3</sup> (1 g) of HSL</b> | Condition          |                               |
|--------------------------------------------------------|--------------------|-------------------------------|
| SAR for nominal HSL parameters                         | 20 dBm input power | 8.13 W/kg                     |
| SAR for nominal HSL parameters                         | normalized to 1W   | 81.3 W/kg $\pm$ 19.9% (k = 2) |

| <b>SAR averaged over 10 cm<sup>3</sup> (10 g) of HSL</b> | Condition          |                               |
|----------------------------------------------------------|--------------------|-------------------------------|
| SAR for nominal HSL parameters                           | 20 dBm input power | 2.33 W/kg                     |
| SAR for nominal HSL parameters                           | normalized to 1W   | 23.3 W/kg $\pm$ 19.5% (k = 2) |

### HSL parameters at 5600 MHz

The following parameters and calculations were applied.

|                                    | Temperature   | Permittivity | Conductivity   |
|------------------------------------|---------------|--------------|----------------|
| Nominal HSL parameters             | 22.0 °C       | 35.5         | 5.07 mho/m     |
| Measured HSL parameters            | (22.0 ±0.2)°C | 36.2 ±6%     | 5.04 mho/m ±6% |
| HSL temperature change during test | < 0.5 °C      |              |                |

### SAR result with HSL at 5600 MHz

| SAR averaged over 1 cm <sup>3</sup> (1 g) of HSL | Condition          |                          |
|--------------------------------------------------|--------------------|--------------------------|
| SAR for nominal HSL parameters                   | 20 dBm input power | 8.09 W/kg                |
| SAR for nominal HSL parameters                   | normalized to 1W   | 80.9 W/kg ±19.9% (k = 2) |

| SAR averaged over 10 cm <sup>3</sup> (10 g) of HSL | Condition          |                          |
|----------------------------------------------------|--------------------|--------------------------|
| SAR for nominal HSL parameters                     | 20 dBm input power | 2.33 W/kg                |
| SAR for nominal HSL parameters                     | normalized to 1W   | 23.3 W/kg ±19.5% (k = 2) |

### HSL parameters at 5800 MHz

The following parameters and calculations were applied.

|                                    | Temperature   | Permittivity | Conductivity   |
|------------------------------------|---------------|--------------|----------------|
| Nominal HSL parameters             | 22.0 °C       | 35.3         | 5.27 mho/m     |
| Measured HSL parameters            | (22.0 ±0.2)°C | 36.0 ±6%     | 5.26 mho/m ±6% |
| HSL temperature change during test | < 0.5 °C      |              |                |

### SAR result with HSL at 5800 MHz

| SAR averaged over 1 cm <sup>3</sup> (1 g) of HSL | Condition          |                          |
|--------------------------------------------------|--------------------|--------------------------|
| SAR for nominal HSL parameters                   | 20 dBm input power | 7.95 W/kg                |
| SAR for nominal HSL parameters                   | normalized to 1W   | 79.5 W/kg ±19.9% (k = 2) |

| SAR averaged over 10 cm <sup>3</sup> (10 g) of HSL | Condition          |                          |
|----------------------------------------------------|--------------------|--------------------------|
| SAR for nominal HSL parameters                     | 20 dBm input power | 2.27 W/kg                |
| SAR for nominal HSL parameters                     | normalized to 1W   | 22.7 W/kg ±19.5% (k = 2) |

**Appendix (Additional assessments outside the scope of SCS 0108)****Antenna Parameters with HSL at 5250 MHz**

|             |                                |
|-------------|--------------------------------|
| Impedance   | 51.8 $\Omega$ – 2.1 j $\Omega$ |
| Return Loss | -31.4 dB                       |

**Antenna Parameters with HSL at 5600 MHz**

|             |                                |
|-------------|--------------------------------|
| Impedance   | 57.8 $\Omega$ + 0.5 j $\Omega$ |
| Return Loss | -22.8 dB                       |

**Antenna Parameters with HSL at 5800 MHz**

|             |                                |
|-------------|--------------------------------|
| Impedance   | 56.5 $\Omega$ + 3.8 j $\Omega$ |
| Return Loss | -23.0 dB                       |

**General Antenna Parameters and Design**

|                                  |          |
|----------------------------------|----------|
| Electrical Delay (one direction) | 1.203 ns |
|----------------------------------|----------|

After long term use with 100W radiated power, only a slight warming of the dipole near the feedpoint can be measured. The dipole is made of standard semirigid coaxial cable. The center conductor of the feeding line is directly connected to the second arm of the dipole. The antenna is therefore short-circuited for DC-signals. On some of the dipoles, small end caps are added to the dipole arms in order to improve matching when loaded according to the position as explained in the "Measurement Conditions" paragraph. The SAR data are not affected by this change. The overall dipole length is still according to the Standard. No excessive force must be applied to the dipole arms, because they might bend or the soldered connections near the feedpoint may be damaged.

**Additional EUT Data**

|                 |       |
|-----------------|-------|
| Manufactured by | SPEAG |
|-----------------|-------|

System Performance Check Report

Summary

|                   |                 |     |             |
|-------------------|-----------------|-----|-------------|
| Dipole            | Frequency [MHz] | TSL | Power [dBm] |
| D5GHzV2 -- SN1019 | 5250            | HSL | 20          |

Exposure Conditions

|                      |                    |          |            |                                 |                   |                        |                  |
|----------------------|--------------------|----------|------------|---------------------------------|-------------------|------------------------|------------------|
| Phantom Section, TSL | Test Distance [mm] | Band     | Group, UID | Frequency [MHz], Channel Number | Conversion Factor | TSL Conductivity [S/m] | TSL Permittivity |
| Flat                 | 10                 | CW, 0--- |            | 5250, 0                         | 5.59              | 4.66                   | 36.9             |

Hardware Setup

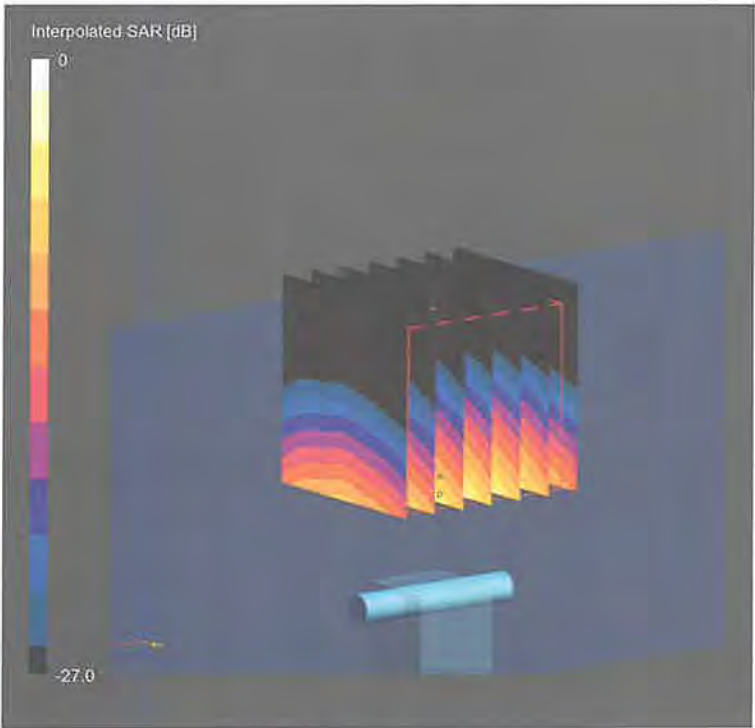
|                 |                    |                              |                           |
|-----------------|--------------------|------------------------------|---------------------------|
| Phantom         | TSL, Measured Date | Probe, Calibration Date      | DAE, Calibration Date     |
| MFP VB.0 Center | HSL, 2026-02-19    | EX3DV4 -- SN7349, 2026-01-29 | DAE4ip Sn1836, 2026-02-18 |

Scans Setup

|                     |                 |
|---------------------|-----------------|
|                     | Zoom Scan       |
| Grid Extents [mm]   | 22 x 22 x 22    |
| Grid Steps [mm]     | 4.0 x 4.0 x 1.4 |
| Sensor Surface [mm] | 1.4             |
| Graded Grid         | Yes             |
| Grading Ratio       | 1.4             |
| MAIA                | N/A             |
| Surface Detection   | VMS + 6p        |
| Scan Method         | Measured        |

Measurement Results

|                     |                     |
|---------------------|---------------------|
|                     | Zoom Scan           |
| Date                | 2026-02-19          |
| psSAR1g [W/Kg]      | 8.13                |
| psSAR10g [W/Kg]     | 2.33                |
| Power Drift [dB]    | 0.00                |
| Power Scaling       | Disabled            |
| Scaling Factor [dB] |                     |
| TSL Correction      | Positive / Negative |



0 dB = 33.1 W/Kg

## System Performance Check Report

## Summary

| Dipole           | Frequency [MHz] | TSL | Power [dBm] |
|------------------|-----------------|-----|-------------|
| D5GHzV2 - SN1019 | 5600            | HSL | 20          |

## Exposure Conditions

| Phantom Section, TSL | Test Distance [mm] | Band     | Group, UID | Frequency [MHz], Channel Number | Conversion Factor | TSL Conductivity [S/m] | TSL Permittivity |
|----------------------|--------------------|----------|------------|---------------------------------|-------------------|------------------------|------------------|
| Flat                 | 10                 | CW, 0--- |            | 5600, 0                         | 5.18              | 5.04                   | 36.2             |

## Hardware Setup

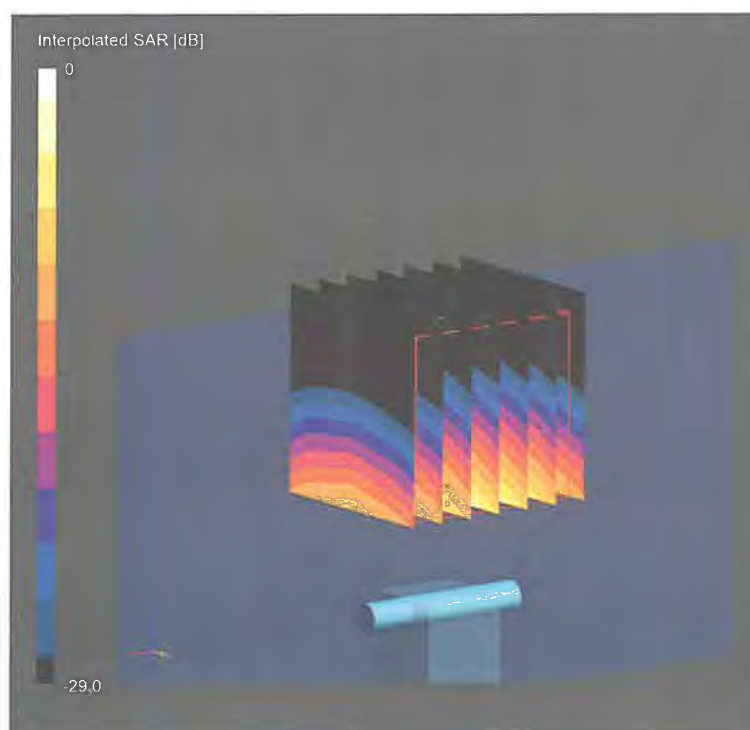
| Phantom         | TSL, Measured Date | Probe, Calibration Date     | DAE, Calibration Date     |
|-----------------|--------------------|-----------------------------|---------------------------|
| MFP V8.0 Center | HSL, 2026-02-19    | EX3DV4 - SN7349, 2026-01-29 | DAE4ip Sn1836, 2026-02-18 |

## Scans Setup

|                     | Zoom Scan       |
|---------------------|-----------------|
| Grid Extents [mm]   | 22 x 22 x 22    |
| Grid Steps [mm]     | 4.0 x 4.0 x 1.4 |
| Sensor Surface [mm] | 1.4             |
| Graded Grid         | Yes             |
| Grading Ratio       | 1.4             |
| MAIA                | N/A             |
| Surface Detection   | VMS + 6p        |
| Scan Method         | Measured        |

## Measurement Results

|                     | Zoom Scan           |
|---------------------|---------------------|
| Date                | 2026-02-19          |
| psSAR1g [W/Kg]      | 8.09                |
| psSAR10g [W/Kg]     | 2.33                |
| Power Drift [dB]    | -0.01               |
| Power Scaling       | Disabled            |
| Scaling Factor [dB] |                     |
| TSL Correction      | Positive / Negative |



System Performance Check Report

Summary

|                  |                 |     |             |
|------------------|-----------------|-----|-------------|
| Dipole           | Frequency [MHz] | TSL | Power [dBm] |
| D5GHzV2 – SN1019 | 5800            | HSL | 20          |

Exposure Conditions

|                      |                    |         |            |                                 |                   |                        |                  |
|----------------------|--------------------|---------|------------|---------------------------------|-------------------|------------------------|------------------|
| Phantom Section, TSL | Test Distance [mm] | Band    | Group, UID | Frequency [MHz], Channel Number | Conversion Factor | TSL Conductivity [S/m] | TSL Permittivity |
| Flat                 | 10                 | CW, 0-- |            | 5800, 0                         | 5.2               | 5.26                   | 36.0             |

Hardware Setup

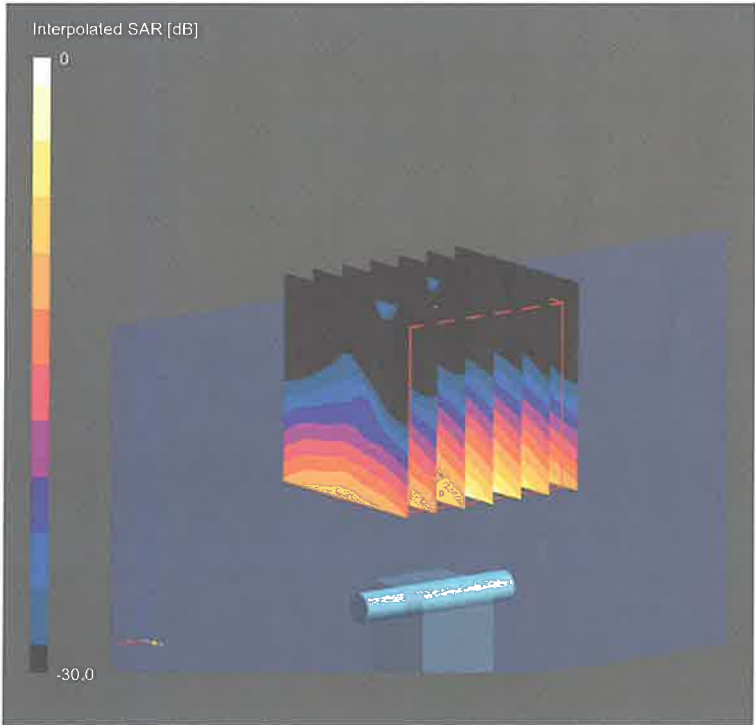
|                 |                    |                             |                           |
|-----------------|--------------------|-----------------------------|---------------------------|
| Phantom         | TSL, Measured Date | Probe, Calibration Date     | DAE, Calibration Date     |
| MFP V8.0 Center | HSL, 2026-02-19    | EX3DV4 – SN7349, 2026-01-29 | DAE4ip Sn1836, 2026-02-18 |

Scans Setup

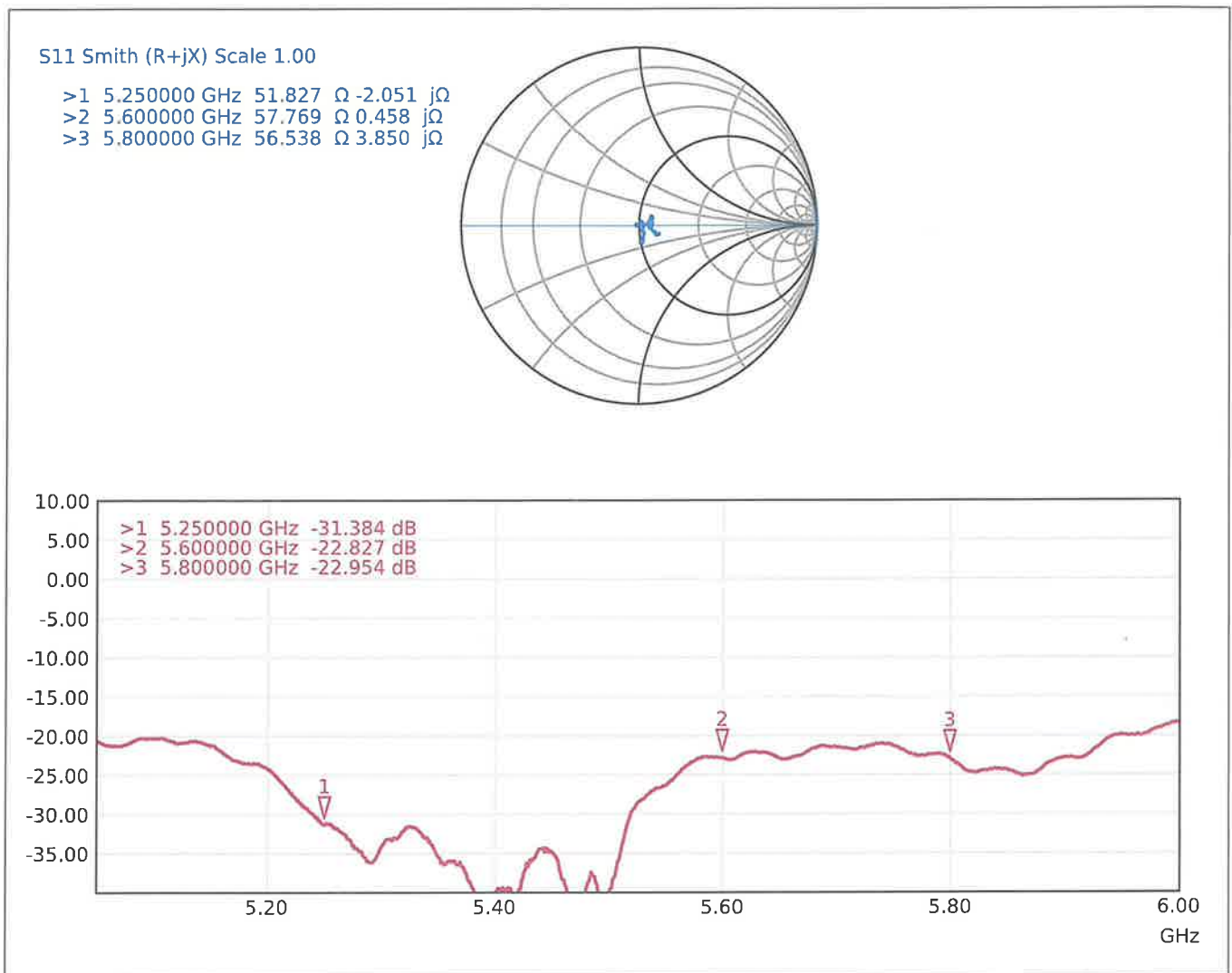
|                     |                 |
|---------------------|-----------------|
|                     | Zoom Scan       |
| Grid Extents [mm]   | 22 x 22 x 22    |
| Grid Steps [mm]     | 4.0 x 4.0 x 1.4 |
| Sensor Surface [mm] | 1.4             |
| Graded Grid         | Yes             |
| Grading Ratio       | 1.4             |
| MAIA                | N/A             |
| Surface Detection   | VMS + 6p        |
| Scan Method         | Measured        |

Measurement Results

|                     |                     |
|---------------------|---------------------|
|                     | Zoom Scan           |
| Date                | 2026-02-19          |
| psSAR1g [W/Kg]      | 7.95                |
| psSAR10g [W/Kg]     | 2.27                |
| Power Drift [dB]    | -0.01               |
| Power Scaling       | Disabled            |
| Scaling Factor [dB] |                     |
| TSL Correction      | Positive / Negative |



0 dB = 36.2 W/Kg

**Impedance Measurement Plot for HSL**



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Multilateral Agreement for the recognition of calibration certificates

Accreditation No.: **SCS 0108**

Client **B.V. ADT**  
**Taoyuan City**

Certificate No. **D6.5GHzV2-1008\_Sep25**

## CALIBRATION CERTIFICATE

Object **D6.5GHzV2 - SN: 1008**

Calibration procedure(s) **QA CAL-22.v7**  
**Calibration Procedure for SAR Validation Sources between 3 - 10 GHz**

Calibration date **September 10, 2025**

This calibration certificate documents the traceability to national standards, which realize the physical units of measurements (SI).  
The measurements and the uncertainties with confidence probability are given on the following pages and are part of the certificate.

All calibrations have been conducted in the closed laboratory facility: environment temperature  $(22 \pm 3)^{\circ}\text{C}$  and humidity  $< 70\%$ .

Calibration Equipment used (M&TE critical for calibration)

| Primary Standards           | ID         | Cal Date (Certificate No.)             | Scheduled Cal |
|-----------------------------|------------|----------------------------------------|---------------|
| Power Sensor R&S NRP-33T    | SN: 100967 | 30-Apr-25 (No. 1020-300791789)         | Apr-26        |
| Power Sensor R&S NRP18A     | SN: 101859 | 06-Feb-25 (No. 4030A315009541)         | Feb-26        |
| Spectrum Analyzer R&S FSV40 | SN: 101832 | 29-Jan-25 (No. 4030A315009658)         | Jan-26        |
| 3.5mm mismatch combination  | SN: 1152   | 24-Mar-25 (No. 217-04293)              | Mar-26        |
| OCF DAK-12                  | SN: 1016   | 24-Sept-24 (No. OCF-DAK12-1016_Sep24)  | Sep-25        |
| OCF DAK-3.5                 | SN: 1249   | 23-Sept-24 (No. OCF-DAK3.5-1249_Sep24) | Sep-25        |
| Reference Probe EX3DV4      | SN: 7349   | 10-Jan-25 (No. EX3-7349_Jan25)         | Jan-26        |
| DAE4ip                      | SN: 1836   | 04-Sep-25 (No. DAE4ip-1836_Sep25)      | Sep-26        |

| Secondary Standards          | ID         | Check Date (in house)                      | Scheduled Check |
|------------------------------|------------|--------------------------------------------|-----------------|
| ACAD Setup 1                 | SN: 1000   | 27-May-25 (No. 675-ACAD_Source_Box-250527) | May-26          |
| Signal Generator R&S SMB100A | SN: 182081 | 27-May-25 (No. 675-CAL16-S4588-250527)     | May-26          |
| Mismatch; SMA                | SN: 1102   | 24-Apr-25 (No. 675-Mismatch_SMA-250424)    | Apr-26          |
| OCF DAK-12                   | SN: 1029   | 27-Feb-25 (No. OCF-DAK12-1029_Feb25)       | Feb-26          |
| OCF DAK-3.5                  | SN: 1336   | 09-Dec-24 (No. OCF-DAK3.5-1336_Dec24)      | Dec-25          |

|               | Name       | Function              | Signature                                                                             |
|---------------|------------|-----------------------|---------------------------------------------------------------------------------------|
| Calibrated by | Paulo Pina | Laboratory Technician |  |
| Approved by   | Sven Kühn  | Technical Manager     |  |

Issued: September 11, 2025

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Multilateral Agreement for the recognition of calibration certificates

Accreditation No.: **SCS 0108**

## Glossary

|       |                                 |
|-------|---------------------------------|
| TSL   | tissue simulating liquid        |
| ConvF | sensitivity in TSL / NORM x,y,z |
| N/A   | not applicable or not measured  |

## Calibration is Performed According to the Following Standards

- IEC/IEEE 62209-1528, "Measurement Procedure For The Assessment Of Specific Absorption Rate Of Human Exposure To Radio Frequency Fields From Hand-Held And Body-Worn Wireless Communication Devices - Part 1528: Human Models, Instrumentation And Procedures (Frequency Range of 4 MHz to 10 GHz)", October 2020.
- KDB 865664, "SAR Measurement Requirements for 100 MHz to 6 GHz"

## Additional Documentation

- DASY System Handbook

## Methods Applied and Interpretation of Parameters

- *Measurement Conditions*: Further details are available from the Validation Report at the end of the certificate. All figures stated in the certificate are valid at the frequency indicated.
- *Antenna Parameters with TSL*: The dipole is mounted with the spacer to position its feed point exactly below the center marking of the flat phantom section, with the arms oriented parallel to the body axis.
- *Feed Point Impedance and Return Loss*: These parameters are measured with the dipole positioned under the liquid filled phantom. The impedance stated is transformed from the measurement at the SMA connector to the feed point. The Return Loss ensures low reflected power. No uncertainty required.
- *Electrical Delay*: One-way delay between the SMA connector and the antenna feed point. No uncertainty required.
- *SAR measured*: SAR measured at the stated antenna input power.
- *SAR normalized*: SAR as measured, normalized to an input power of 1 W at the antenna connector.
- *SAR for nominal TSL parameters*: The measured TSL parameters are used to calculate the nominal SAR result.

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%.

## Measurement Conditions

DASY system configuration, as far as not given on page 1.

|                                     |                            |                                     |
|-------------------------------------|----------------------------|-------------------------------------|
| <b>DASY Version</b>                 | DASY8 Module SAR           | 17.0.0                              |
| <b>Extrapolation</b>                | Advanced Extrapolation     |                                     |
| <b>Phantom</b>                      | Modular Flat Phantom       |                                     |
| <b>Distance Dipole Center - TSL</b> | 5 mm                       | with spacer                         |
| <b>Zoom Scan Resolution</b>         | dx, dy = 3.4mm, dz = 1.4mm | Graded Ratio = 1.4 mm (Z direction) |
| <b>Frequency</b>                    | 6500MHz $\pm$ 1MHz         |                                     |

## HSL parameters at 6500 MHz

The following parameters and calculations were applied.

|                                           | <b>Temperature</b> | <b>Permittivity</b> | <b>Conductivity</b> |
|-------------------------------------------|--------------------|---------------------|---------------------|
| <b>Nominal HSL parameters</b>             | 22.0 °C            | 34.5                | 6.07 mho/m          |
| <b>Measured HSL parameters</b>            | (22.0 $\pm$ 0.2)°C | 35.0 $\pm$ 6%       | 6.22 mho/m $\pm$ 6% |
| <b>HSL temperature change during test</b> | < 0.5 °C           |                     |                     |

## SAR result with HSL at 6500 MHz

| <b>SAR averaged over 1 cm<sup>3</sup> (1 g) of HSL</b> | <b>Condition</b>   |                              |
|--------------------------------------------------------|--------------------|------------------------------|
| SAR for nominal HSL parameters                         | 20 dBm input power | 29.6 W/kg                    |
| SAR for nominal HSL parameters                         | normalized to 1W   | 296 W/kg $\pm$ 24.7% (k = 2) |

| <b>SAR averaged over 8 cm<sup>3</sup> (8 g) of HSL</b> | <b>Condition</b>   |                               |
|--------------------------------------------------------|--------------------|-------------------------------|
| SAR for nominal HSL parameters                         | 20 dBm input power | 6.62 W/kg                     |
| SAR for nominal HSL parameters                         | normalized to 1W   | 66.2 W/kg $\pm$ 24.4% (k = 2) |

| <b>SAR averaged over 10 cm<sup>3</sup> (10 g) of HSL</b> | <b>Condition</b>   |                               |
|----------------------------------------------------------|--------------------|-------------------------------|
| SAR for nominal HSL parameters                           | 20 dBm input power | 5.44 W/kg                     |
| SAR for nominal HSL parameters                           | normalized to 1W   | 54.4 W/kg $\pm$ 24.4% (k = 2) |

**Appendix (Additional assessments outside the scope of SCS 0108)****Antenna Parameters with HSL at 6500 MHz**

|             |                                |
|-------------|--------------------------------|
| Impedance   | 49.2 $\Omega$ – 6.1 j $\Omega$ |
| Return Loss | -24.2 dB                       |

**APD (Absorbed Power Density)**

| APD averaged over 1 cm <sup>3</sup> | Condition          |                               |
|-------------------------------------|--------------------|-------------------------------|
| APD measured                        | 20 dBm input power | 296 W/kg                      |
| APD measured                        | normalized to 1W   | 2960 W/kg $\pm$ 29.2% (k = 2) |

| APD averaged over 4 cm <sup>3</sup> | Condition          |                               |
|-------------------------------------|--------------------|-------------------------------|
| APD measured                        | 20 dBm input power | 132 W/kg                      |
| APD measured                        | normalized to 1W   | 1320 W/kg $\pm$ 28.9% (k = 2) |

\*The reported APD values have been derived using the psSAR1g and psSAR8g.

### General Antenna Parameters and Design

After long term use with 100W radiated power, only a slight warming of the dipole near the feedpoint can be measured. The dipole is made of standard semirigid coaxial cable. The center conductor of the feeding line is directly connected to the second arm of the dipole. The antenna is therefore short-circuited for DC-signals. On some of the dipoles, small end caps are added to the dipole arms in order to improve matching when loaded according to the position as explained in the "Measurement Conditions" paragraph. The SAR data are not affected by this change. The overall dipole length is still according to the Standard. No excessive force must be applied to the dipole arms, because they might bend or the soldered connections near the feedpoint may be damaged.

### Additional EUT Data

|                 |       |
|-----------------|-------|
| Manufactured by | SPEAG |
|-----------------|-------|

System Performance Check Report

Summary

|                    |                 |     |             |
|--------------------|-----------------|-----|-------------|
| Dipole             | Frequency [MHz] | TSL | Power [dBm] |
| D6.5GHzV2 - SN1008 | 6500            | HSL | 20          |

Exposure Conditions

|                      |                    |         |            |                                 |                   |                        |                  |
|----------------------|--------------------|---------|------------|---------------------------------|-------------------|------------------------|------------------|
| Phantom Section, TSL | Test Distance [mm] | Band    | Group, UID | Frequency [MHz], Channel Number | Conversion Factor | TSL Conductivity [S/m] | TSL Permittivity |
| Flat                 | 5                  | CW, 0-- |            | 6500, 0                         | 5.49              | 6.22                   | 35.0             |

Hardware Setup

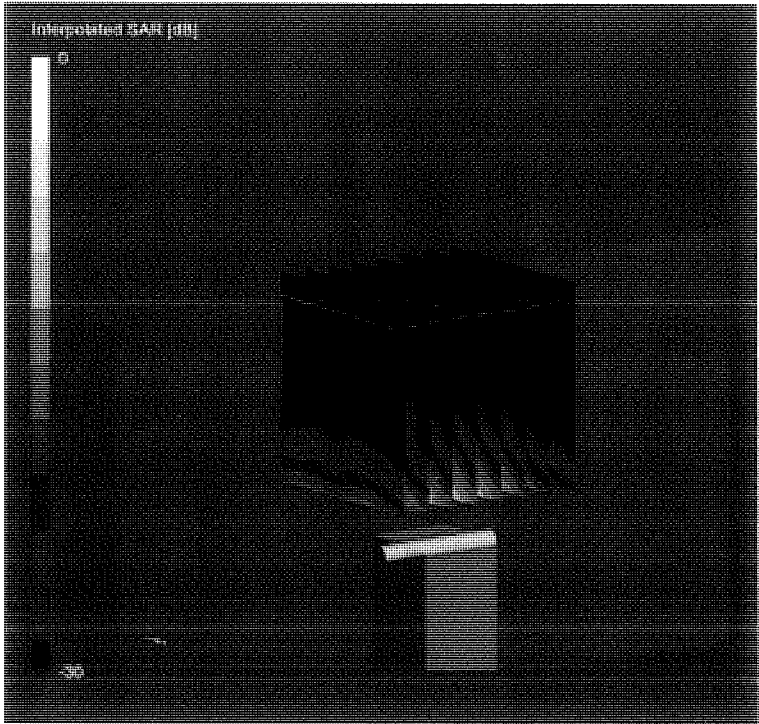
|                 |                    |                             |                           |
|-----------------|--------------------|-----------------------------|---------------------------|
| Phantom         | TSL, Measured Date | Probe, Calibration Date     | DAE, Calibration Date     |
| MFP V8.0 Center | HSL, 2025-09-10    | EX3DV4 - 5N7349, 2025-01-10 | DAE4ip Sn1836, 2025-09-04 |

Scans Setup

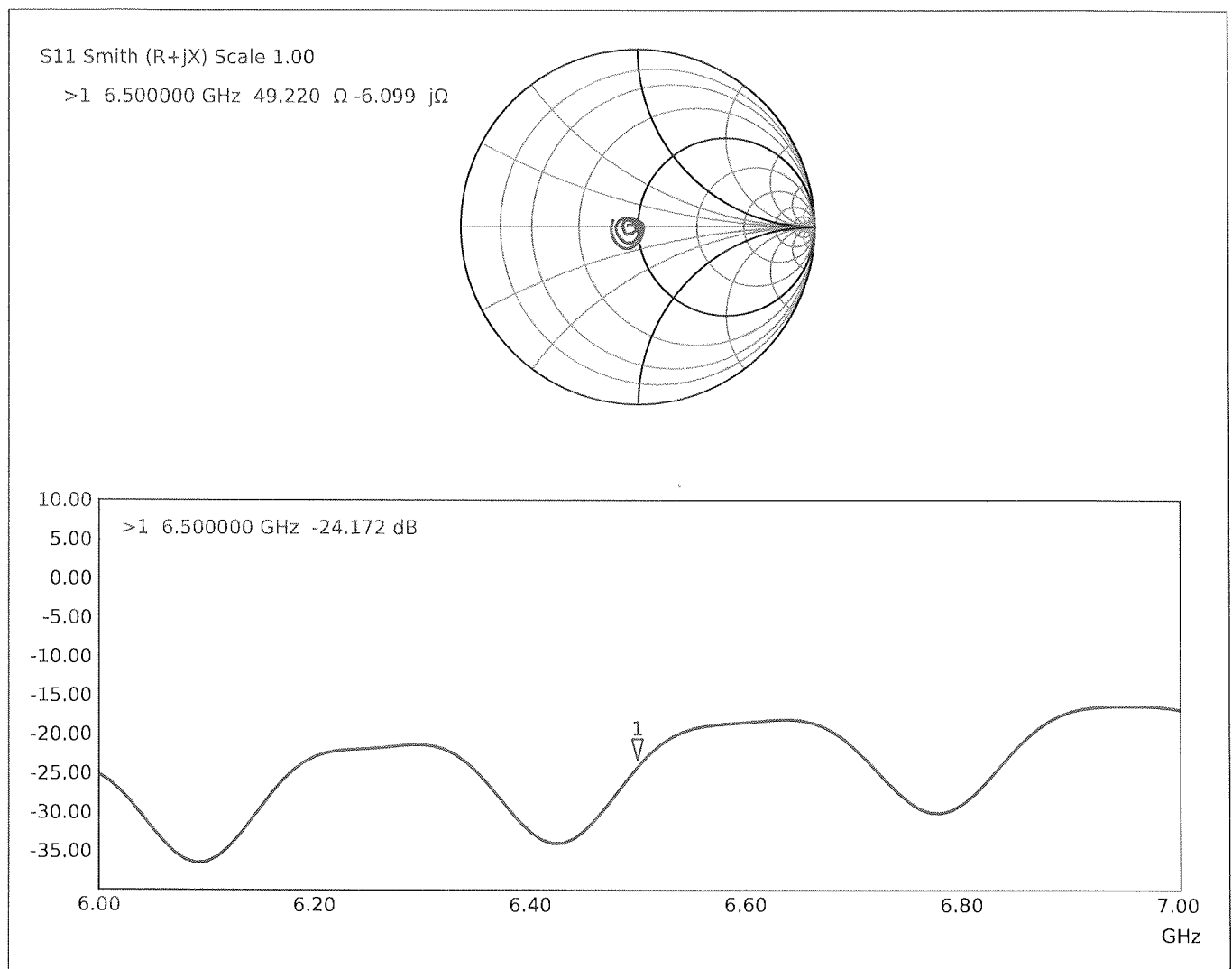
|                     |                 |
|---------------------|-----------------|
|                     | Zoom Scan       |
| Grid Extents [mm]   | 22 x 22 x 22    |
| Grid Steps [mm]     | 3.4 x 3.4 x 1.4 |
| Sensor Surface [mm] | 1.4             |
| Graded Grid         | Yes             |
| Grading Ratio       | 1.4             |
| MAIA                | N/A             |
| Surface Detection   | VMS + 6p        |
| Scan Method         | Measured        |

Measurement Results

|                     |                     |
|---------------------|---------------------|
|                     | Zoom Scan           |
| Date                | 2025-09-10          |
| psSAR1g [W/Kg]      | 29.6                |
| psSAR10g [W/Kg]     | 5.44                |
| Power Drift [dB]    | 0.02                |
| Power Scaling       | Disabled            |
| Scaling Factor [dB] |                     |
| TSL Correction      | Positive / Negative |



0 dB = 185 W/Kg

**Impedance Measurement Plot for HSL**



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Multilateral Agreement for the recognition of calibration certificates**

**Accreditation No.: SCS 0108**

**Client**  
**B.V. ADT**  
Taoyuan City

**Certificate No.** **5G-Veri10-1025\_Jan26**

## CALIBRATION CERTIFICATE

**Object** 5G Verification Source 10 GHz - SN: 1025

**Calibration procedure(s)**  
QA CAL-45.v6  
Calibration procedure for sources in air > 6 GHz

**Calibration date** January 14, 2026

This calibration certificate documents the traceability to national standards, which realize the physical units of measurements (SI).  
The measurements and the uncertainties with confidence probability are given on the following pages and are part of the certificate.

All calibrations have been conducted in the closed laboratory facility: environment temperature  $(22 \pm 3)^\circ\text{C}$  and humidity < 70%.

Calibration Equipment used (M&TE critical for calibration)

| Primary Standards       | ID       | Cal Date (Certificate No.)        | Scheduled Cal |
|-------------------------|----------|-----------------------------------|---------------|
| Reference Probe EUmmWV3 | SN: 9374 | 26-Aug-25 (No. Eumm_9374_Aug25)   | Aug-26        |
| DAE4ip                  | SN: 1602 | 30-Oct-25 (No. DAE4ip-1602_Oct25) | Oct-26        |

| Secondary Standards              | ID             | Check Date (in house)                  | Scheduled Check |
|----------------------------------|----------------|----------------------------------------|-----------------|
| Signal Generator R&S SMF100A     | SN: 100184     | 25-Nov-25 (No. IHCK_5G_VS_Nov25)       | Nov-26          |
| Power Sensor R&S NRP18S-10       | SN: 101258     | 25-Nov-25 (No. IHCK_5G_VS_Nov25)       | Nov-26          |
| Network Analyzer Keysight E5063A | SN: MY54504221 | 30-Sept-24 (No. 675-CAL18-S4489-Sep24) | Sep-26          |

|               | Name           | Function              | Signature                                                                             |
|---------------|----------------|-----------------------|---------------------------------------------------------------------------------------|
| Calibrated by | Joanna Lleshaj | Laboratory Technician |  |
| Approved by   | Sven Kühn      | Technical Manager     |  |

Issued: January 14, 2026

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Accreditation No.: **SCS 0108**

## Glossary

CW Continuous wave

## Calibration is Performed According to the Following Standards

- Internal procedure QA CAL-45, Calibration procedure for sources in air above 6 GHz.
- IEC/IEEE 63195-1, "Assessment of power density of human exposure to radio frequency fields from wireless devices in close proximity to the head and body (frequency range of 6 GHz to 300 GHz)", May 2022

## Methods Applied and Interpretation of Parameters

- *Coordinate System:* z-axis in the waveguide horn boresight, x-axis is in the direction of the E-field, y-axis normal to the others in the field scanning plane parallel to the horn flare and horn flange.
- *Measurement Conditions:* (1) 10 GHz: The radiated power is the forward power to the horn antenna minus ohmic and mismatch loss. The forward power is measured prior and after the measurement with a power sensor. During the measurements, the horn is directly connected to the cable and the antenna ohmic and mismatch losses are determined by far-field measurements. (2) 30, 45, 60 and 90 GHz: The verification sources are switched on for at least 30 minutes. Absorbers are used around the probe cub and at the ceiling to minimize reflections.
- *Horn Positioning:* The waveguide horn is mounted vertically on the flange of the waveguide source to allow vertical positioning of the EUMMW probe during the scan. The plane is parallel to the phantom surface. Probe distance is verified using mechanical gauges positioned on the flare of the horn.
- *E-field distribution:* The E-field is measured in two x-y-planes (10mm, 10mm +  $\lambda/4$ ) with a vectorial E-field probe. The E-field value stated as calibration value represents the E-field-maxima and the averaged (1cm<sup>2</sup> and 4cm<sup>2</sup>) power density values at 10mm in front of the horn.
- *Field polarization:* Above the open horn, linear polarization of the field is expected. This is verified graphically in the field representation.

## Calibrated Quantity

- Local peak E-field (V/m) and average of peak spatial components of the poynting vector (W/m<sup>2</sup>) averaged over the surface area of 1 cm<sup>2</sup> and 4cm<sup>2</sup> at the nominal operational frequency of the verification source. Both square and circular averaging results are listed.

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%.

## Measurement Conditions

DASY system configuration, as far as not given on page 1.

|                                       |                               |      |
|---------------------------------------|-------------------------------|------|
| <b>DASY Version</b>                   | DASY8 Module mmWave           | V3.2 |
| <b>Phantom</b>                        | 5G Phantom                    |      |
| <b>Distance Horn Aperture - plane</b> | 10 mm                         |      |
| <b>Number of measured planes</b>      | 2 (10mm, 10mm + $\lambda/4$ ) |      |
| <b>Frequency</b>                      | 10.0 GHz $\pm$ 10 MHz         |      |

## Calibration Parameters, 10 GHz

### Circular Averaging

| Distance Horn Aperture to Measurement Plane | Prad <sup>1</sup> (mW) | Max E-field (V/m) | Uncertainty (k = 2) | Avg Power Density<br>Avg ( psPDn+, psPDtot+, psPDmod+ )<br>(W/m <sup>2</sup> ) |                  | Uncertainty (k = 2) |
|---------------------------------------------|------------------------|-------------------|---------------------|--------------------------------------------------------------------------------|------------------|---------------------|
|                                             |                        |                   |                     | 1cm <sup>2</sup>                                                               | 4cm <sup>2</sup> |                     |
| 10 mm                                       | 93.3                   | 152               | 1.27 dB             | 58.4                                                                           | 54.6             | 1.28 dB             |

| Distance Horn Aperture to Measurement Plane | Prad <sup>1</sup> (mW) | Max E-field (V/m) | Uncertainty (k = 2) | Power Density<br>psPDn+, psPDtot+, psPDmod+<br>(W/m <sup>2</sup> ) |                  | Uncertainty (k = 2) |
|---------------------------------------------|------------------------|-------------------|---------------------|--------------------------------------------------------------------|------------------|---------------------|
|                                             |                        |                   |                     | 1cm <sup>2</sup>                                                   | 4cm <sup>2</sup> |                     |
| 10 mm                                       | 93.3                   | 152               | 1.27 dB             | 58.1, 58.5, 58.7                                                   | 54.3, 54.6, 54.8 | 1.28 dB             |

### Square Averaging

| Distance Horn Aperture to Measurement Plane | Prad <sup>1</sup> (mW) | Max E-field (V/m) | Uncertainty (k = 2) | Avg Power Density<br>Avg ( psPDn+, psPDtot+, psPDmod+ )<br>(W/m <sup>2</sup> ) |                  | Uncertainty (k = 2) |
|---------------------------------------------|------------------------|-------------------|---------------------|--------------------------------------------------------------------------------|------------------|---------------------|
|                                             |                        |                   |                     | 1cm <sup>2</sup>                                                               | 4cm <sup>2</sup> |                     |
| 10 mm                                       | 93.3                   | 152               | 1.27 dB             | 58.4                                                                           | 54.5             | 1.28 dB             |

| Distance Horn Aperture to Measurement Plane | Prad <sup>1</sup> (mW) | Max E-field (V/m) | Uncertainty (k = 2) | Power Density<br>psPDn+, psPDtot+, psPDmod+<br>(W/m <sup>2</sup> ) |                  | Uncertainty (k = 2) |
|---------------------------------------------|------------------------|-------------------|---------------------|--------------------------------------------------------------------|------------------|---------------------|
|                                             |                        |                   |                     | 1cm <sup>2</sup>                                                   | 4cm <sup>2</sup> |                     |
| 10 mm                                       | 93.3                   | 152               | 1.27 dB             | 58.1, 58.4, 58.7                                                   | 54.2, 54.5, 54.7 | 1.28 dB             |

### Max Power Density

| Distance Horn Aperture to Measurement Plane | Prad <sup>1</sup> (mW) | Max E-field (V/m) | Uncertainty (k = 2) | Max Power Density<br>Sn, Stot,  Stot <br>(W/m <sup>2</sup> ) | Uncertainty (k = 2) |
|---------------------------------------------|------------------------|-------------------|---------------------|--------------------------------------------------------------|---------------------|
| 10 mm                                       | 93.3                   | 152               | 1.27 dB             | 59.6, 60.1, 60.2                                             | 1.28 dB             |

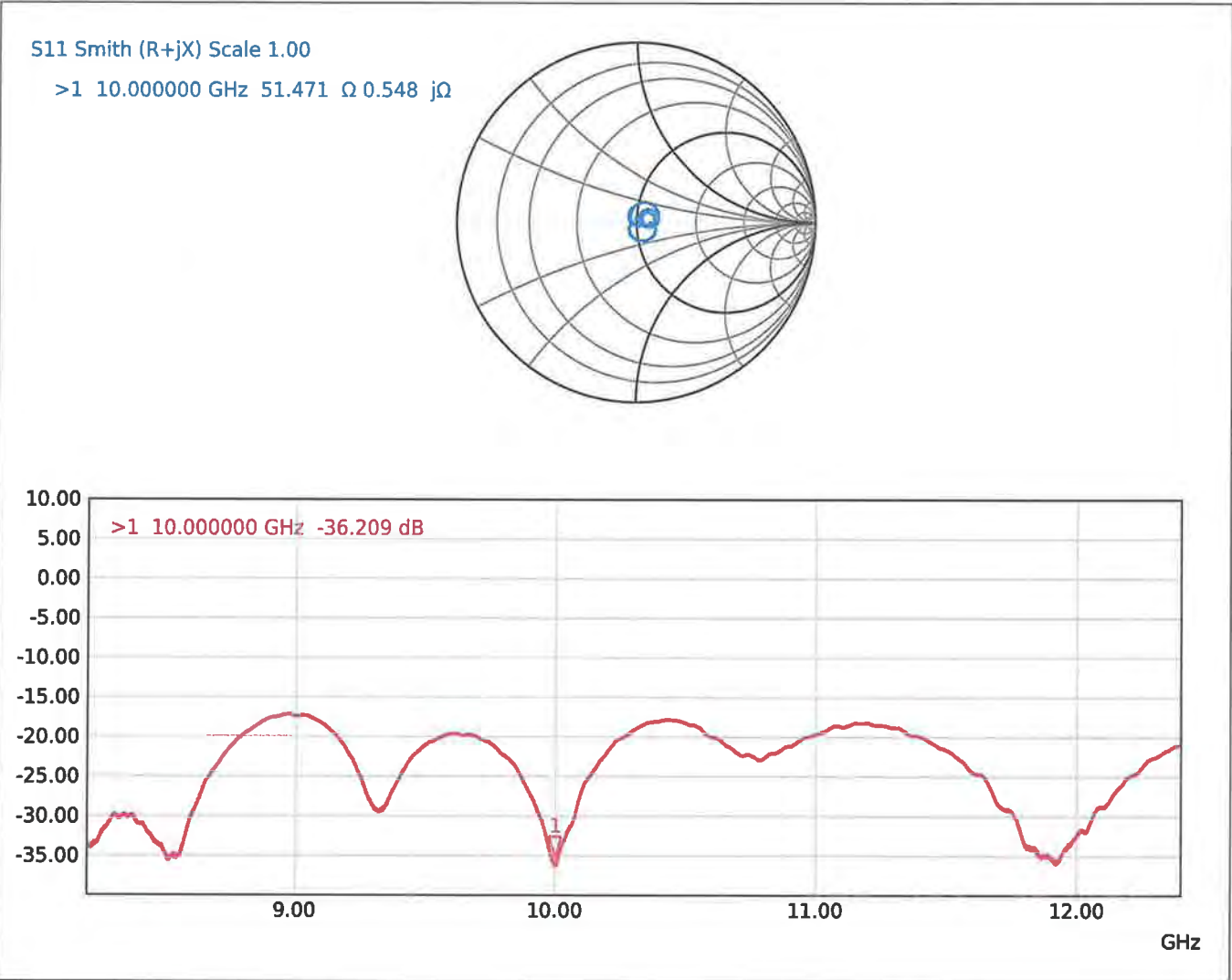
<sup>1</sup> Assessed ohmic and mismatch loss plus numerical offset: 0.30 dB

Appendix (Additional assessments outside the scope of SCS 0108)

Antenna Parameters

|                                      |                                |
|--------------------------------------|--------------------------------|
| Impedance, transformed to feed point | 51.5 $\Omega$ + 0.5 j $\Omega$ |
| Return Loss                          | -36.2 dB                       |

Impedance Measurement Plot



DASY Report

Measurement Report for 5G Verification Source 10 GHz, UID 0 --, Channel 10000.0 (10000.0 MHz)

Device Under Test Properties

| Model, Manufacturer           | Dimensions [mm]       | IMEI     | DUT Type |
|-------------------------------|-----------------------|----------|----------|
| 5G Verification Source 10 GHz | 100.0 x 100.0 x 172.0 | SN: 1025 | -        |

Exposure Conditions

| Phantom Section | Position, Test Distance [mm] | Band            | Group, UID | Frequency [MHz], Channel Number | Conversion Factor |
|-----------------|------------------------------|-----------------|------------|---------------------------------|-------------------|
| 5G --           | 10.0 mm                      | Validation band | CW, 0--    | 10000.0,10000                   | 1.0               |

Hardware Setup

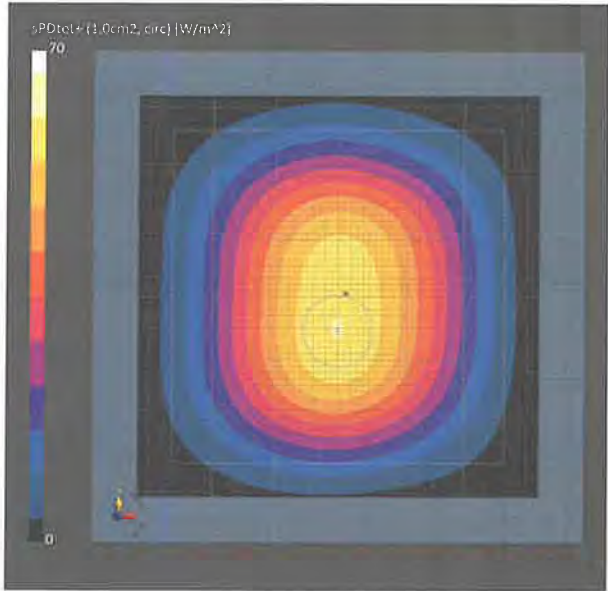
| Phantom           | Medium | Probe, Calibration Date                 | DAE, Calibration Date        |
|-------------------|--------|-----------------------------------------|------------------------------|
| mmWave Phantom -- | Air -- | EUmmWV3 -- SN9374_F1--55GHz, 2025-08-26 | DAE4ip -- SN1602, 2025-10-30 |

Scans Setup

|                     |               |
|---------------------|---------------|
| Sensor Surface [mm] | 10.0          |
| MAIA                | MAIA not used |

Measurement Results

|                                 |                    |
|---------------------------------|--------------------|
| Scan Type                       | 5G Scan            |
| Date                            | 2026-01-14         |
| Avg. Area [cm <sup>2</sup> ]    | 1.00               |
| Avg. Type                       | Circular Averaging |
| psPDn+ [W/m <sup>2</sup> ]      | 58.1               |
| psPDtot+ [W/m <sup>2</sup> ]    | 58.5               |
| psPDmod+ [W/m <sup>2</sup> ]    | 58.7               |
| Max(Sn) [W/m <sup>2</sup> ]     | 59.6               |
| Max(Stot) [W/m <sup>2</sup> ]   | 60.1               |
| Max( Stot ) [W/m <sup>2</sup> ] | 60.2               |
| E <sub>max</sub> [V/m]          | 152                |
| Power Drift [dB]                | 0.02               |



DASY Report

Measurement Report for 5G Verification Source 10 GHz, UID 0 --, Channel 10000.0 (10000.0 MHz)

Device Under Test Properties

| Model, Manufacturer           | Dimensions [mm]       | IMEI     | DUT Type |
|-------------------------------|-----------------------|----------|----------|
| 5G Verification Source 10 GHz | 100.0 x 100.0 x 172.0 | SN: 1025 | -        |

Exposure Conditions

| Phantom Section | Position, Test Distance [mm] | Band            | Group, UID | Frequency [MHz], Channel Number | Conversion Factor |
|-----------------|------------------------------|-----------------|------------|---------------------------------|-------------------|
| 5G --           | 10.0 mm                      | Validation band | CW, 0--    | 10000.0,10000                   | 1.0               |

Hardware Setup

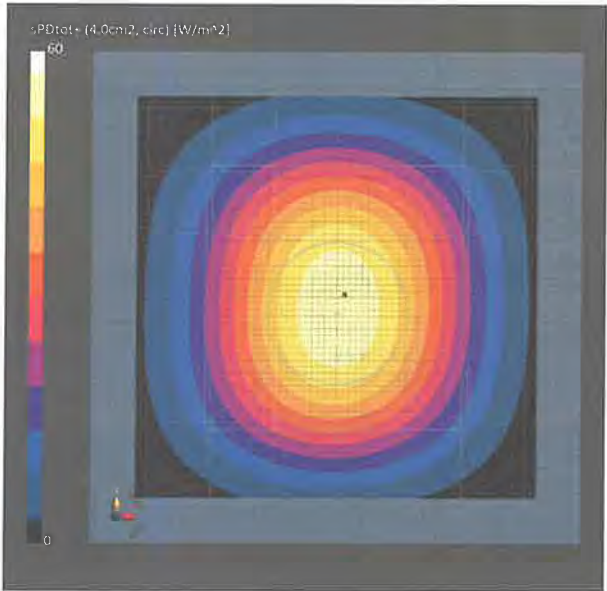
| Phantom           | Medium | Probe, Calibration Date                 | DAE, Calibration Date        |
|-------------------|--------|-----------------------------------------|------------------------------|
| mmWave Phantom -- | Air -- | EUmmWV3 -- SN9374_F1--55GHz, 2025-08-26 | DAE4ip -- SN1602, 2025-10-30 |

Scans Setup

|                     |               |
|---------------------|---------------|
| Sensor Surface [mm] | 10.0          |
| MAIA                | MAIA not used |

Measurement Results

|                                 |                    |
|---------------------------------|--------------------|
| Scan Type                       | 5G Scan            |
| Date                            | 2025-01-14         |
| Avg. Area [cm <sup>2</sup> ]    | 4.00               |
| Avg. Type                       | Circular Averaging |
| psPDn+ [W/m <sup>2</sup> ]      | 54.3               |
| psPDtot+ [W/m <sup>2</sup> ]    | 54.6               |
| psPDmod+ [W/m <sup>2</sup> ]    | 54.8               |
| Max(Sn) [W/m <sup>2</sup> ]     | 59.6               |
| Max(Stot) [W/m <sup>2</sup> ]   | 60.1               |
| Max( Stot ) [W/m <sup>2</sup> ] | 60.2               |
| E <sub>max</sub> [V/m]          | 152                |
| Power Drift [dB]                | 0.02               |



DASY Report

Measurement Report for 5G Verification Source 10 GHz, UID 0 --, Channel 10000.0 (10000.0 MHz)

Device Under Test Properties

| Model, Manufacturer           | Dimensions [mm]       | IMEI     | DUT Type |
|-------------------------------|-----------------------|----------|----------|
| 5G Verification Source 10 GHz | 100.0 x 100.0 x 172.0 | SN: 1025 | -        |

Exposure Conditions

| Phantom Section | Position, Test Distance [mm] | Band            | Group, UID | Frequency [MHz], Channel Number | Conversion Factor |
|-----------------|------------------------------|-----------------|------------|---------------------------------|-------------------|
| 5G --           | 10.0 mm                      | Validation band | CW, 0---   | 10000.0,10000                   | 1.0               |

Hardware Setup

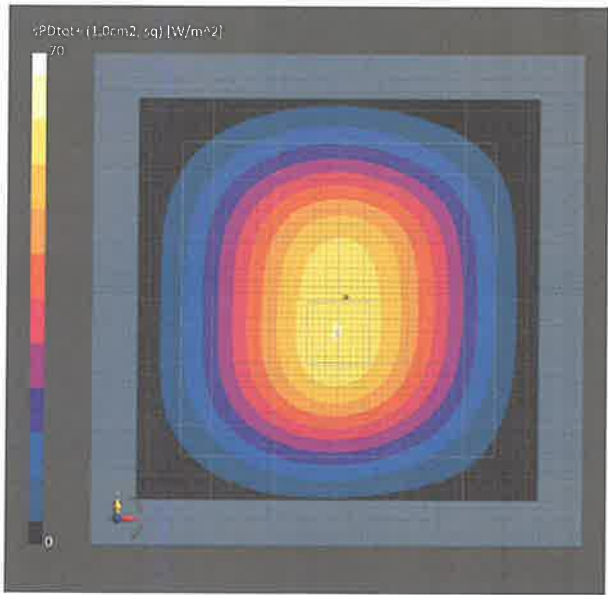
| Phantom           | Medium | Probe, Calibration Date                 | DAE, Calibration Date        |
|-------------------|--------|-----------------------------------------|------------------------------|
| mmWave Phantom -- | Air -- | EUmmWV3 -- SN9374_F1--55GHz, 2025-08-26 | DAE4ip -- SN1602, 2025-10-30 |

Scans Setup

|                     |               |
|---------------------|---------------|
| Sensor Surface [mm] | 10.0          |
| MAIA                | MAIA not used |

Measurement Results

|                                 |                  |
|---------------------------------|------------------|
| Scan Type                       | 5G Scan          |
| Date                            | 2026-01-14       |
| Avg. Area [cm <sup>2</sup> ]    | 1.00             |
| Avg. Type                       | Square Averaging |
| psPDn+ [W/m <sup>2</sup> ]      | 58.1             |
| psPDtot+ [W/m <sup>2</sup> ]    | 58.4             |
| psPDmod+ [W/m <sup>2</sup> ]    | 58.7             |
| Max(Sn) [W/m <sup>2</sup> ]     | 59.6             |
| Max(Stot) [W/m <sup>2</sup> ]   | 60.1             |
| Max( Stot ) [W/m <sup>2</sup> ] | 60.2             |
| E <sub>max</sub> [V/m]          | 152              |
| Power Drift [dB]                | 0.02             |



DASY Report

Measurement Report for 5G Verification Source 10 GHz, UID 0 --, Channel 10000.0 (10000.0 MHz)

Device Under Test Properties

| Model, Manufacturer           | Dimensions [mm]       | IMEI     | DUT Type |
|-------------------------------|-----------------------|----------|----------|
| 5G Verification Source 10 GHz | 100.0 x 100.0 x 172.0 | SN: 1025 |          |

Exposure Conditions

| Phantom Section | Position, Test Distance [mm] | Band            | Group, UID | Frequency [MHz], Channel Number | Conversion Factor |
|-----------------|------------------------------|-----------------|------------|---------------------------------|-------------------|
| 5G --           | 10.0 mm                      | Validation band | CW, 0--    | 10000.0,10000                   | 1.0               |

Hardware Setup

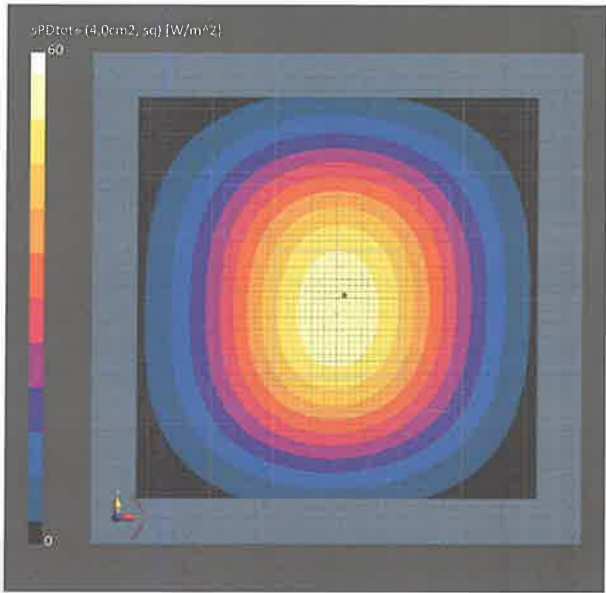
| Phantom           | Medium | Probe, Calibration Date                 | DAE, Calibration Date        |
|-------------------|--------|-----------------------------------------|------------------------------|
| mmWave Phantom -- | Air -- | EUMmWV3 -- SN9374_F1--55GHz, 2025-08-26 | DAE4ip -- SN1602, 2025-10-30 |

Scans Setup

|                     |               |
|---------------------|---------------|
| Sensor Surface [mm] | 10.0          |
| MAIA                | MAIA not used |

Measurement Results

|                                 |                  |
|---------------------------------|------------------|
| Scan Type                       | 5G Scan          |
| Date                            | 2026-01-14       |
| Avg. Area [cm <sup>2</sup> ]    | 4.00             |
| Avg. Type                       | Square Averaging |
| psPDn+ [W/m <sup>2</sup> ]      | 54.2             |
| psPDtot+ [W/m <sup>2</sup> ]    | 54.5             |
| psPDmod+ [W/m <sup>2</sup> ]    | 54.7             |
| Max(Sn) [W/m <sup>2</sup> ]     | 59.6             |
| Max(Stot) [W/m <sup>2</sup> ]   | 60.1             |
| Max( Stot ) [W/m <sup>2</sup> ] | 60.2             |
| E <sub>max</sub> [V/m]          | 152              |
| Power Drift [dB]                | 0.02             |



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Client

**B.V. ADT**

Taoyuan City

Certificate No.

**EX-3650\_Jan26****CALIBRATION CERTIFICATE**

Object

EX3DV4 - SN:3650

Calibration procedure(s)

QA CAL-01.v10, QA CAL-12.v10, QA CAL-14.v7, QA CAL-23.v6.  
QA CAL-25.v8, QA CAL-48.v2  
Calibration procedure for dosimetric E-field probes

Calibration date

January 26, 2026

This calibration certificate documents the traceability to national standards, which realize the physical units of measurements (SI).  
The measurements and the uncertainties with confidence probability are given on the following pages and are part of the certificate.

All calibrations have been conducted in the closed laboratory facility: environment temperature  $(22 \pm 3)^\circ\text{C}$  and humidity  $< 70\%$ .

Calibration Equipment used (M&TE critical for calibration)

| Primary Standards           | ID         | Calibration Date (Certificate No.)     | Sched. Cal. |
|-----------------------------|------------|----------------------------------------|-------------|
| Power Sensor R&S NRP40T     | SN: 101861 | 29-Apr-25 (No. 2025-001450)            | Apr-26      |
| N-type mismatch combination | SN: L1119  | 26-Mar-25 (No. 217-04292)              | Mar-26      |
| OCP DAK-12                  | SN: 1016   | 16-Sept-25 (No. OCP-DAK12-1016_Sep25)  | Sep-26      |
| OCP DAK-3.5                 | SN: 1249   | 16-Sept-25 (No. OCP-DAK3.5-1249_Sep25) | Sep-26      |
| Reference Probe EX3DV4      | SN: 7349   | 10-Jan-25 (No. EX3-7349_Jan25)         | Jan-26      |
| DAE4                        | SN: 1301   | 22-Jan-26 (No. DAE4-1301_Jan26)        | Jan-27      |

| Secondary Standards | ID        | Check Date (in house)                 | Sched. Check |
|---------------------|-----------|---------------------------------------|--------------|
| ACAP 2020 Setup 1   | SN: L1404 | 01-Oct-25 (No. IHCK_ACAP2020-1_Oct25) | Oct-26       |
| OCP DAK-12          | SN: 1029  | 27-Feb-25 (No. OCP-DAK12-1029_Feb25)  | Feb-26       |
| OCP DAK-3.5         | SN: 1336  | 10-Dec-25 (No. OCP-DAK3.5-1336_Dec25) | Dec-26       |

|               | Name           | Function              | Signature |
|---------------|----------------|-----------------------|-----------|
| Calibrated by | Joanna Lieshaj | Laboratory Technician |           |
| Approved by   | Sven Kühn      | Technical Manager     |           |

Issued: January 27, 2026

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Accreditation No.: SCS 0108

## Glossary

|                          |                                                                                                                                                      |
|--------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------|
| TSL                      | tissue simulating liquid                                                                                                                             |
| NORM <sub>x,y,z</sub>    | sensitivity in free space                                                                                                                            |
| ConvF                    | sensitivity in TSL / NORM <sub>x,y,z</sub>                                                                                                           |
| DCP                      | diode compression point                                                                                                                              |
| CF                       | crest factor (1/duty_cycle) of the RF signal                                                                                                         |
| A, B, C, D               | modulation dependent linearization parameters                                                                                                        |
| Polarization $\varphi$   | $\varphi$ rotation around probe axis                                                                                                                 |
| Polarization $\vartheta$ | $\vartheta$ rotation around an axis that is in the plane normal to probe axis (at measurement center), i.e., $\vartheta = 0$ is normal to probe axis |
| Connector Angle          | information used in DASY system to align probe sensor X to the robot coordinate system                                                               |

## Calibration is Performed According to the Following Standards:

- IEC/IEEE 62209-1528, "Measurement Procedure For The Assessment Of Specific Absorption Rate Of Human Exposure To Radio Frequency Fields From Hand-Held And Body-Worn Wireless Communication Devices – Part 1528: Human Models, Instrumentation And Procedures (Frequency Range of 4 MHz to 10 GHz)", October 2020.
- KDB 865664, "SAR Measurement Requirements for 100 MHz to 6 GHz"

## Methods Applied and Interpretation of Parameters:

- NORM<sub>x,y,z</sub>**: Assessed for E-field polarization  $\vartheta = 0$  ( $f \leq 900$  MHz in TEM-cell;  $f > 1800$  MHz: R22 waveguide). NORM<sub>x,y,z</sub> are only intermediate values, i.e., the uncertainties of NORM<sub>x,y,z</sub> does not affect the  $E^2$ -field uncertainty inside TSL (see below ConvF).
- NORM(f)<sub>x,y,z</sub>** = NORM<sub>x,y,z</sub> \* frequency\_response (see Frequency Response Chart). This linearization is implemented in DASY4 software versions later than 4.2. The uncertainty of the frequency response is included in the stated uncertainty of ConvF.
- DCP<sub>x,y,z</sub>**: DCP are numerical linearization parameters assessed based on the data of power sweep with CW signal. DCP does not depend on frequency nor media.
- PAR**: PAR is the Peak to Average Ratio that is not calibrated but determined based on the signal characteristics
- A<sub>x,y,z</sub>; B<sub>x,y,z</sub>; C<sub>x,y,z</sub>; D<sub>x,y,z</sub>; VR<sub>x,y,z</sub>**: A, B, C, D are numerical linearization parameters assessed based on the data of power sweep for specific modulation signal. The parameters do not depend on frequency nor media. VR is the maximum calibration range expressed in RMS voltage across the diode.
- ConvF and Boundary Effect Parameters**: Assessed in flat phantom using E-field (or Temperature Transfer Standard for  $f \leq 800$  MHz) and inside waveguide using analytical field distributions based on power measurements for  $f > 800$  MHz. The same setups are used for assessment of the parameters applied for boundary compensation (alpha, depth) of which typical uncertainty values are given. These parameters are used in DASY4 software to improve probe accuracy close to the boundary. The sensitivity in TSL corresponds to NORM<sub>x,y,z</sub> \* ConvF whereby the uncertainty corresponds to that given for ConvF. A frequency dependent ConvF is used in DASY version 4.4 and higher which allows extending the validity from  $\pm 50$  MHz to  $\pm 100$  MHz.
- Spherical isotropy (3D deviation from isotropy)**: in a field of low gradients realized using a flat phantom exposed by a patch antenna.
- Sensor Offset**: The sensor offset corresponds to the offset of virtual measurement center from the probe tip (on probe axis). No tolerance required.
- Connector Angle**: The angle is assessed using the information gained by determining the NORM<sub>x</sub> (no uncertainty required).

## Parameters of Probe: EX3DV4 - SN:3650

### Basic Calibration Parameters

|                                                           | Sensor X | Sensor Y | Sensor Z | Unc (k = 2) |
|-----------------------------------------------------------|----------|----------|----------|-------------|
| Norm ( $\mu\text{V}/(\text{V}/\text{m})^2$ ) <sup>A</sup> | 0.40     | 0.42     | 0.42     | ±10.1%      |
| DCP (mV) <sup>B</sup>                                     | 102.4    | 99.1     | 100.6    | ±4.7%       |

### 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     | Continuous Wave                | X | 0.00    | 0.00                         | 1.00  | 0.00    | 142.8    | ±1.2%       | ±4.7%                            |
|       |                                | Y | 0.00    | 0.00                         | 1.00  |         | 128.5    |             |                                  |
|       |                                | Z | 0.00    | 0.00                         | 1.00  |         | 119.3    |             |                                  |
| 10352 | Pulse (D=10%, T=5 ms)          | X | 0.69    | 63.53                        | 15.33 | 10.00   | 23.0     | ±1.6%       | ±9.6%                            |
|       |                                | Y | 0.78    | 60.23                        | 13.49 |         | 24.0     |             |                                  |
|       |                                | Z | 0.73    | 60.15                        | 13.56 |         | 24.0     |             |                                  |
| 10353 | Pulse (D=20%, T=5 ms)          | X | 0.64    | 66.54                        | 15.35 | 6.99    | 46.0     | ±1.4%       | ±9.6%                            |
|       |                                | Y | 0.71    | 63.24                        | 13.45 |         | 49.0     |             |                                  |
|       |                                | Z | 0.66    | 63.16                        | 13.53 |         | 48.0     |             |                                  |
| 10354 | Pulse (D=40%, T=5 ms)          | X | 0.60    | 69.55                        | 15.37 | 3.98    | 92.0     | ±1.3%       | ±9.6%                            |
|       |                                | Y | 0.64    | 66.25                        | 13.39 |         | 97.0     |             |                                  |
|       |                                | Z | 0.60    | 66.17                        | 13.50 |         | 97.0     |             |                                  |
| 10355 | Pulse (D=60%, T=5 ms)          | X | 0.57    | 71.31                        | 15.38 | 2.22    | 138.0    | ±1.2%       | ±9.6%                            |
|       |                                | Y | 0.60    | 68.01                        | 13.36 |         | 145.0    |             |                                  |
|       |                                | Z | 0.56    | 67.93                        | 13.48 |         | 145.0    |             |                                  |
| 10387 | Random (BW=1 MHz, MOD=QPSK)    | X | 0.38    | 68.43                        | 15.46 | 0.00    | 110.0    | ±1.2%       | ±9.6%                            |
|       |                                | Y | 0.69    | 65.13                        | 13.43 |         | 116.0    |             |                                  |
|       |                                | Z | 0.62    | 65.05                        | 13.51 |         | 115.0    |             |                                  |
| 10388 | Random (BW=10 MHz, MOD=QPSK)   | X | 1.70    | 68.32                        | 15.15 | 0.00    | 117.0    | ±1.6%       | ±9.6%                            |
|       |                                | Y | 1.61    | 65.01                        | 13.82 |         | 124.0    |             |                                  |
|       |                                | Z | 1.56    | 64.94                        | 13.77 |         | 123.0    |             |                                  |
| 10396 | Random (BW=100 kHz, MOD=64QAM) | X | 0.32    | 85.01                        | 16.19 | 1.55    | 79.0     | ±4.3%       | ±9.6%                            |
|       |                                | Y | 0.04    | 63.95                        | 11.71 |         | 83.0     |             |                                  |
|       |                                | Z | 0.02    | 63.88                        | 12.48 |         | 82.0     |             |                                  |
| 10399 | Random (BW=40 MHz, MOD=64QAM)  | X | 2.84    | 67.26                        | 15.11 | 0.00    | 108.0    | ±3.3%       | ±9.6%                            |
|       |                                | Y | 2.40    | 63.95                        | 13.89 |         | 115.0    |             |                                  |
|       |                                | Z | 2.36    | 63.88                        | 13.82 |         | 115.0    |             |                                  |
| 10414 | Random (BW=40 MHz, HIGH PAR)   | X | 4.01    | 65.00                        | 15.11 | 0.00    | 84.0     | ±0.6%       | ±9.6%                            |
|       |                                | Y | 3.63    | 61.69                        | 13.91 |         | 91.0     |             |                                  |
|       |                                | Z | 3.57    | 61.61                        | 13.83 |         | 90.0     |             |                                  |

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<sup>2</sup>-field uncertainty inside TSL (see Pages 5 and 6).

<sup>B</sup> Linearization parameter uncertainty for maximum specified field strength.

<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.

## Parameters of Probe: EX3DV4 - SN:3650

### Sensor Model Parameters

|   | C1<br>fF | C2<br>fF | $\alpha$<br>$V^{-1}$ | T1<br>$ms V^{-2}$ | T2<br>$ms V^{-1}$ | T3<br>ms | T4<br>$V^{-2}$ | T5<br>$V^{-1}$ | T6   |
|---|----------|----------|----------------------|-------------------|-------------------|----------|----------------|----------------|------|
| x | 22.9     | 168.18   | 34.42                | 8.54              | 0.00              | 4.97     | 1.29           | 0.00           | 1.00 |
| y | 41.2     | 305.61   | 34.96                | 9.96              | 0.47              | 5.00     | 0.83           | 0.34           | 1.01 |
| z | 39.8     | 293.08   | 34.49                | 15.67             | 0.00              | 5.08     | 1.54           | 0.15           | 1.01 |

### Other Probe Parameters

|                                               |            |
|-----------------------------------------------|------------|
| Sensor Arrangement                            | Triangular |
| Connector Angle                               | -21.2°     |
| Mechanical Surface Detection Mode             | enabled    |
| Optical Surface Detection Mode                | disabled   |
| Probe Overall Length                          | 337 mm     |
| Probe Body Diameter                           | 12 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     |

**Note:** Measurement distance from surface can be increased to 3–4 mm for an *Area Scan* job.

## Parameters of Probe: EX3DV4 - SN:3650

### Calibration Parameter Determined in HSL

| f (MHz) <sup>C</sup> | Relative Permittivity <sup>F</sup> | Conductivity <sup>F</sup> (S/m) | ConvF X | ConvF Y | ConvF Z | Alpha <sup>G</sup> | Depth <sup>G</sup> (mm) | Unc <sup>H</sup> (k = 2) |
|----------------------|------------------------------------|---------------------------------|---------|---------|---------|--------------------|-------------------------|--------------------------|
| 750                  | 41.9                               | 0.89                            | 9.51    | 10.10   | 9.19    | 0.37               | 1.27                    | ±11.0%                   |
| 835                  | 41.5                               | 0.90                            | 9.29    | 9.88    | 8.98    | 0.37               | 1.27                    | ±11.0%                   |
| 1750                 | 40.1                               | 1.37                            | 7.70    | 8.18    | 7.44    | 0.37               | 1.27                    | ±11.0%                   |
| 1900                 | 40.0                               | 1.40                            | 7.61    | 8.09    | 7.35    | 0.37               | 1.27                    | ±11.0%                   |
| 2000                 | 40.0                               | 1.40                            | 7.30    | 7.76    | 7.06    | 0.37               | 1.27                    | ±11.0%                   |
| 2300                 | 39.5                               | 1.67                            | 7.27    | 7.73    | 7.03    | 0.37               | 1.27                    | ±11.0%                   |
| 2450                 | 39.2                               | 1.80                            | 7.09    | 7.53    | 6.85    | 0.37               | 1.27                    | ±11.0%                   |
| 2600                 | 39.0                               | 1.96                            | 7.18    | 7.63    | 6.94    | 0.37               | 1.27                    | ±11.0%                   |
| 3300                 | 38.2                               | 2.71                            | 6.55    | 6.96    | 6.33    | 0.37               | 1.27                    | ±13.1%                   |
| 3500                 | 37.9                               | 2.91                            | 6.51    | 6.92    | 6.29    | 0.37               | 1.27                    | ±13.1%                   |
| 3700                 | 37.7                               | 3.12                            | 6.47    | 6.87    | 6.25    | 0.37               | 1.27                    | ±13.1%                   |
| 3900                 | 37.5                               | 3.32                            | 6.47    | 6.88    | 6.25    | 0.37               | 1.27                    | ±13.1%                   |
| 4100                 | 37.2                               | 3.53                            | 6.27    | 6.66    | 6.06    | 0.37               | 1.27                    | ±13.1%                   |
| 4200                 | 37.1                               | 3.63                            | 6.20    | 6.58    | 5.99    | 0.37               | 1.27                    | ±13.1%                   |
| 4400                 | 36.9                               | 3.84                            | 5.97    | 6.35    | 5.77    | 0.37               | 1.27                    | ±13.1%                   |
| 4600                 | 36.7                               | 4.04                            | 5.84    | 6.20    | 5.64    | 0.37               | 1.27                    | ±13.1%                   |
| 4800                 | 36.4                               | 4.25                            | 6.17    | 6.56    | 5.96    | 0.37               | 1.27                    | ±13.1%                   |
| 4950                 | 36.3                               | 4.40                            | 6.07    | 6.45    | 5.87    | 0.35               | 1.27                    | ±13.1%                   |
| 5250                 | 35.9                               | 4.71                            | 5.57    | 5.91    | 5.38    | 0.32               | 1.27                    | ±13.1%                   |
| 5600                 | 35.5                               | 5.07                            | 5.11    | 5.43    | 4.94    | 0.29               | 1.27                    | ±13.1%                   |
| 5800                 | 35.3                               | 5.27                            | 5.04    | 5.36    | 4.87    | 0.27               | 1.27                    | ±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> The probes are calibrated using tissue simulating liquids (TSL) that deviate for  $\epsilon$  and  $\sigma$  by less than ±5% from the target values (typically better than ±3%) and are valid for TSL with deviations of up to ±10% if SAR correction is applied.

<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.

<sup>H</sup> The stated uncertainty is the total calibration uncertainty (k = 2) of Norm-ConvF. This is equivalent to the uncertainty component with the symbol CF in Table 9 of IEC/IEEE 62209-1528:2020.

**Parameters of Probe: EX3DV4 - SN:3650****Calibration Parameter Determined in HSL**

| <b>f (MHz)<sup>C</sup></b> | <b>Relative Permittivity<sup>F</sup></b> | <b>Conductivity<sup>F</sup> (S/m)</b> | <b>ConvF X</b> | <b>ConvF Y</b> | <b>ConvF Z</b> | <b>Alpha<sup>G</sup></b> | <b>Depth<sup>G</sup> (mm)</b> | <b>Unc<sup>H</sup> (k = 2)</b> |
|----------------------------|------------------------------------------|---------------------------------------|----------------|----------------|----------------|--------------------------|-------------------------------|--------------------------------|
| 6500                       | 34.5                                     | 6.07                                  | 5.55           | 5.89           | 5.36           | 0.20                     | 1.27                          | ±18.6%                         |

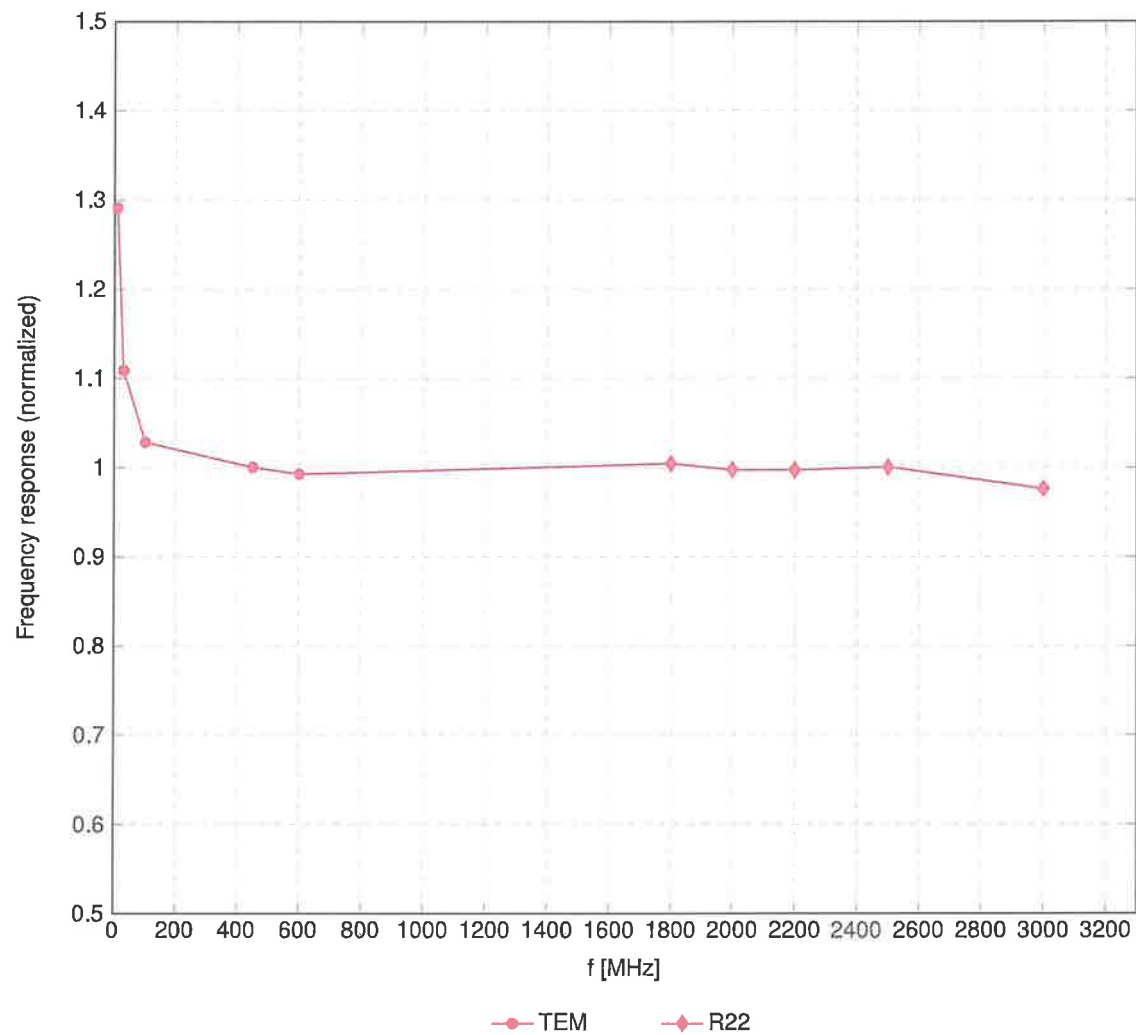
<sup>C</sup> Frequency validity is -600/+700 MHz at 6.5 GHz, ±700 MHz at or above 7 GHz, and ±150 MHz at 9.85 GHz. The uncertainty is the RSS of the ConvF uncertainty at calibration frequency and the uncertainty for the indicated frequency band.

<sup>F</sup> The probes are calibrated using tissue simulating liquids (TSL) that deviate for  $\epsilon$  and  $\sigma$  by less than ±10% from the target values (typically better than ±6%) and are valid for TSL with deviations of up to ±10%.

<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; below ±2% for frequencies between 3–6 GHz; and below ±4% for frequencies between 6–10 GHz at any distance larger than half the probe tip diameter from the boundary.

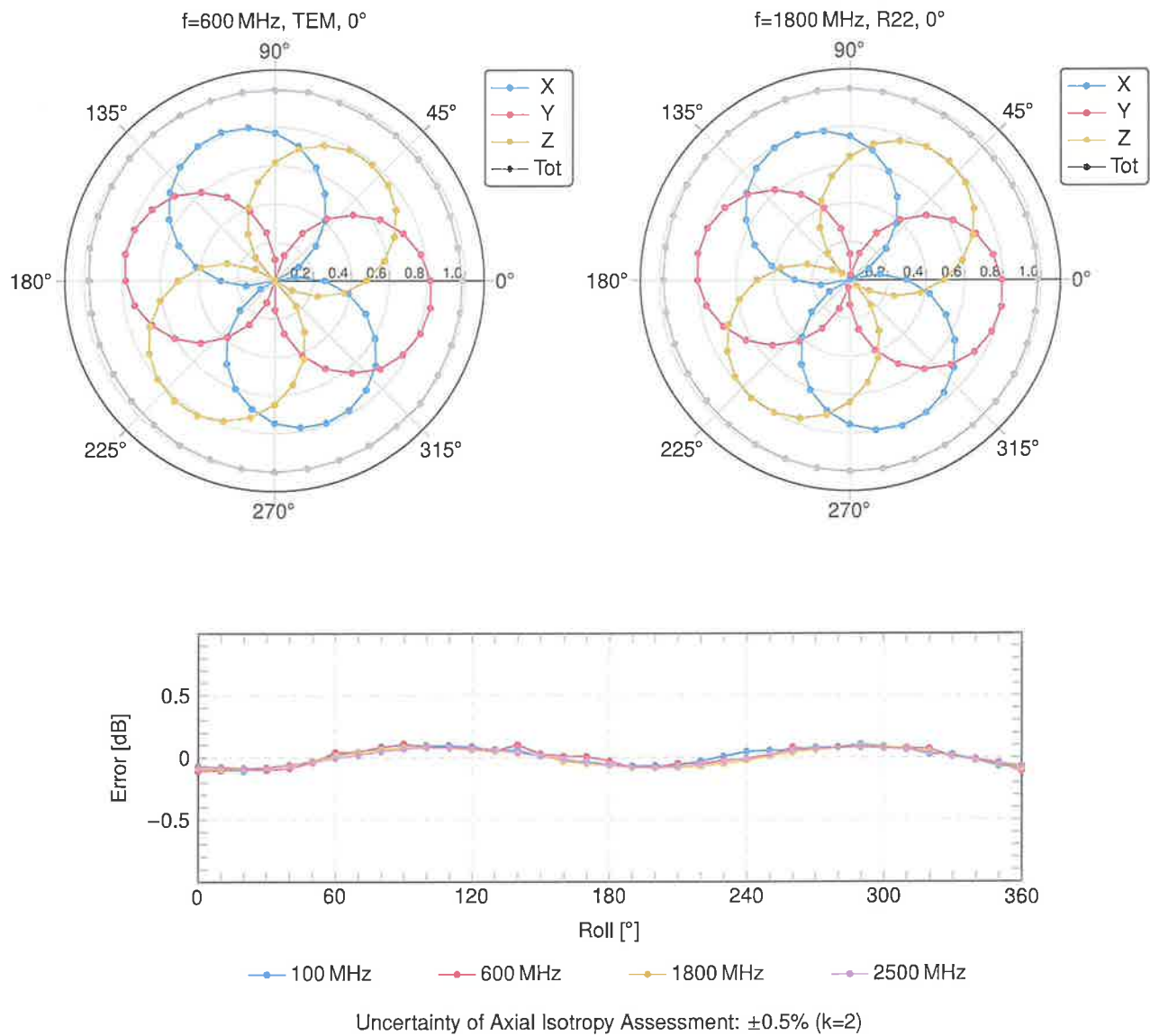
<sup>H</sup> The stated uncertainty is the total calibration uncertainty (k = 2) of Norm-ConvF. This is equivalent to the uncertainty component with the symbol CF in Table 9 of IEC/IEEE 62209-1528:2020.

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



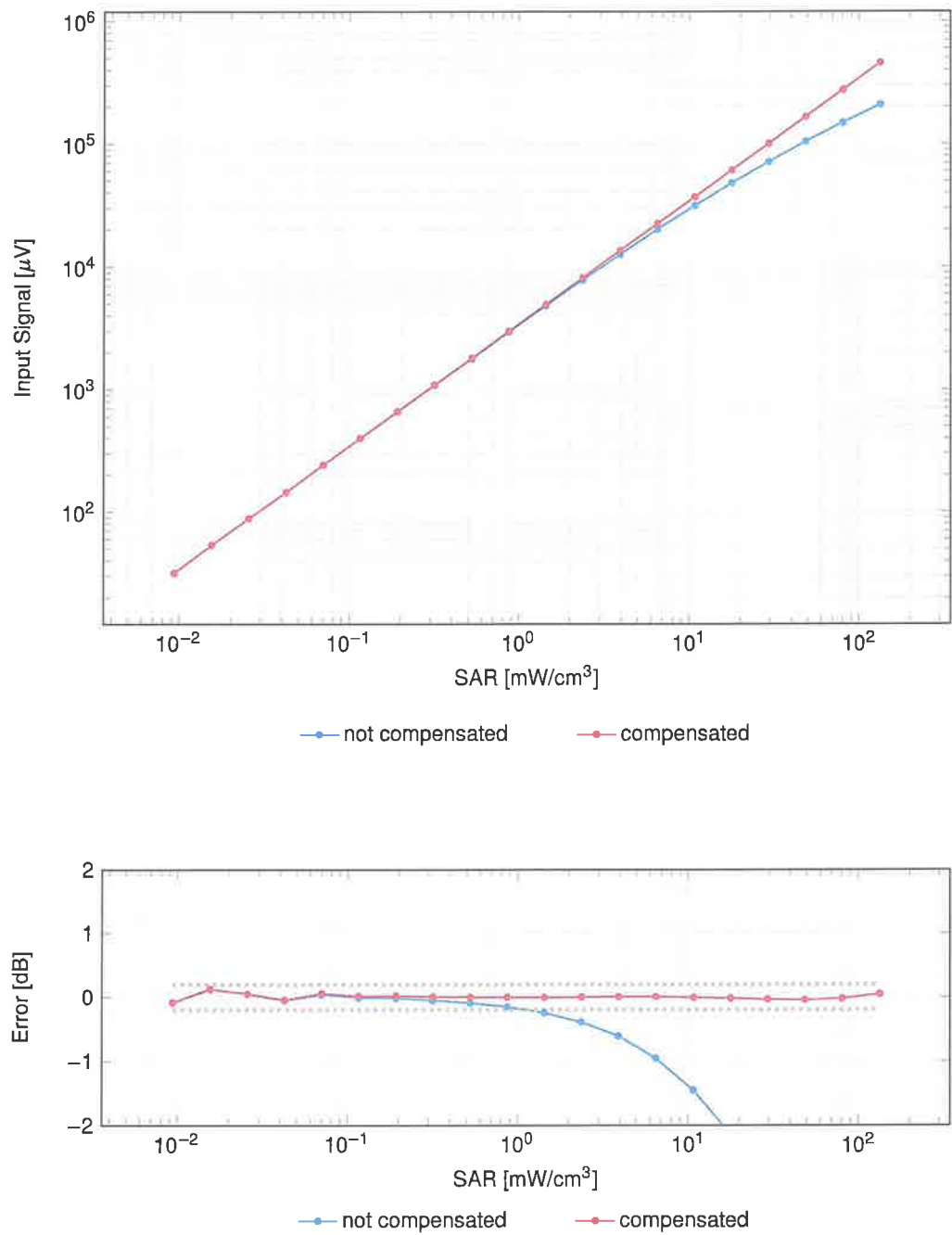
Uncertainty of Frequency Response of E-field:  $\pm 6.3\%$  ( $k=2$ )

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



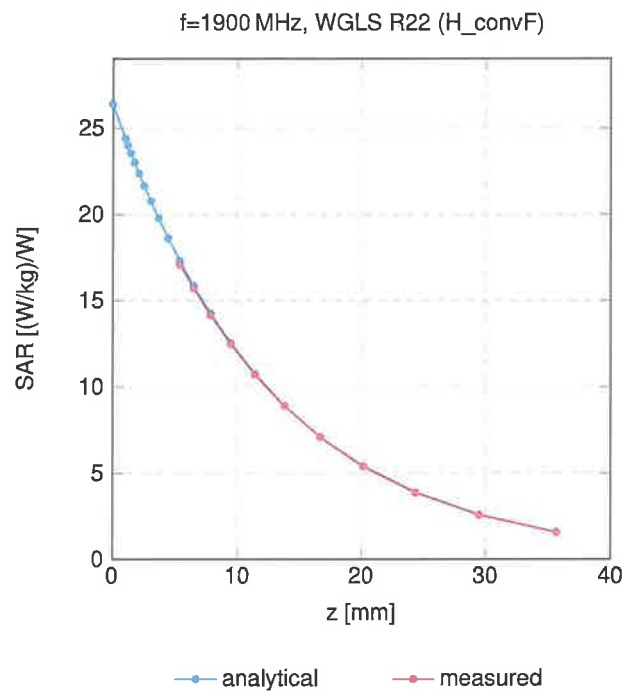
Dynamic Range f(SAR<sub>HSL</sub>)

(TEM cell, f<sub>eval</sub> = 1900MHz)



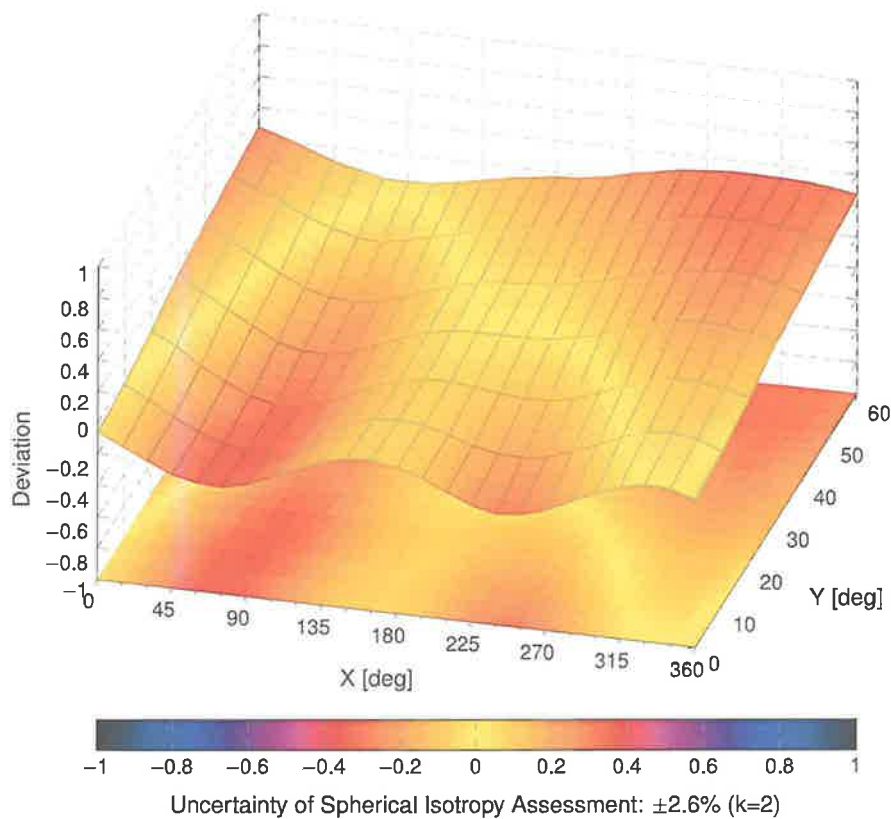
Uncertainty of Linearity Assessment: ±0.6% (k=2)

Conversion Factor Assessment



Deviation from Isotropy in Liquid

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



## Appendix: Modulation Calibration Parameters

| UID   | Rev | Communication System Name                      | Group     | PAR (dB) | Unc <sup>E</sup> k = 2 |
|-------|-----|------------------------------------------------|-----------|----------|------------------------|
| 0     |     | Continuous Wave                                | CW        | 0.00     | ±4.7                   |
| 10010 | CAB | Pulse (D=10%, T=100 ms)                        | Test      | 10.00    | ±9.6                   |
| 10011 | CAC | Rel. 99, RMC, QPSK, 5.0 MHz                    | WCDMA     | 2.91     | ±9.6                   |
| 10012 | CAB | DSSS, DBPSK, 1.0 Mbps, 92.5% DC                | WLAN      | 1.87     | ±9.6                   |
| 10013 | CAB | OFDM, BPSK, 6.0 Mbps, 72.1% DC                 | WLAN      | 9.46     | ±9.6                   |
| 10021 | DAC | Voice, GMSK, 1 slot(s)                         | GSM       | 9.39     | ±9.6                   |
| 10023 | DAC | Data, GMSK, 1 slot(s)                          | GSM       | 9.57     | ±9.6                   |
| 10024 | DAC | Data, GMSK, 2 slot(s)                          | GSM       | 6.56     | ±9.6                   |
| 10025 | DAC | Data, 8PSK, 1 slot(s)                          | GSM       | 12.62    | ±9.6                   |
| 10026 | DAC | Data, 8PSK, 2 slot(s)                          | GSM       | 9.55     | ±9.6                   |
| 10027 | DAC | Data, GMSK, 3 slot(s)                          | GSM       | 4.80     | ±9.6                   |
| 10028 | DAC | Data, GMSK, 4 slot(s)                          | GSM       | 3.55     | ±9.6                   |
| 10029 | DAC | Data, 8PSK, 3 slot(s)                          | GSM       | 7.78     | ±9.6                   |
| 10030 | CAA | BR, DH1, GFSK                                  | Bluetooth | 5.30     | ±9.6                   |
| 10031 | CAA | BR, DH3, GFSK                                  | Bluetooth | 1.87     | ±9.6                   |
| 10032 | CAA | BR, DH5, GFSK                                  | Bluetooth | 1.16     | ±9.6                   |
| 10033 | CAA | EDR, DH1, pi/4-DQPSK                           | Bluetooth | 7.74     | ±9.6                   |
| 10034 | CAA | EDR, DH3, pi/4-DQPSK                           | Bluetooth | 4.53     | ±9.6                   |
| 10035 | CAA | EDR, DH5, pi/4-DQPSK                           | Bluetooth | 3.83     | ±9.6                   |
| 10036 | CAA | EDR, DH1, 8-DPSK                               | Bluetooth | 8.01     | ±9.6                   |
| 10037 | CAA | EDR, DH3, 8-DPSK                               | Bluetooth | 4.77     | ±9.6                   |
| 10038 | CAA | EDR, DH5, 8-DPSK                               | Bluetooth | 4.10     | ±9.6                   |
| 10039 | CAB | RC1, 1xRTT                                     | CDMA2000  | 4.57     | ±9.6                   |
| 10048 | CAA | Full Slot, GFSK, 1 slot(s)                     | DECT      | 13.80    | ±9.6                   |
| 10049 | CAA | Double Slot, GFSK, 2 slot(s)                   | DECT      | 10.79    | ±9.6                   |
| 10056 | CAA | TD-SCDMA, QPSK, 1.6 MHz                        | TD-SCDMA  | 11.01    | ±9.6                   |
| 10058 | DAC | Data, 8PSK, 4 slot(s)                          | GSM       | 6.52     | ±9.6                   |
| 10059 | CAB | DSSS, DQPSK, 2.0 Mbps, 87.4% DC                | WLAN      | 2.12     | ±9.6                   |
| 10060 | CAB | HR-DSSS, DQPSK, 5.5 Mbps, 72.7% DC             | WLAN      | 2.83     | ±9.6                   |
| 10061 | CAB | HR-DSSS, DQPSK, 11.0 Mbps, 57.5% DC            | WLAN      | 3.60     | ±9.6                   |
| 10062 | CAE | OFDM, BPSK, 6.0 Mbps, 89.1% DC                 | WLAN      | 8.68     | ±9.6                   |
| 10063 | CAE | OFDM, BPSK, 9.0 Mbps, 85.3% DC                 | WLAN      | 8.63     | ±9.6                   |
| 10064 | CAE | OFDM, QPSK, 12.0 Mbps, 82.0% DC                | WLAN      | 9.09     | ±9.6                   |
| 10065 | CAE | OFDM, QPSK, 18.0 Mbps, 76.0% DC                | WLAN      | 9.00     | ±9.6                   |
| 10066 | CAE | OFDM, 16QAM, 24.0 Mbps, 70.6% DC               | WLAN      | 9.38     | ±9.6                   |
| 10067 | CAE | OFDM, 16QAM, 36.0 Mbps, 62.9% DC               | WLAN      | 10.12    | ±9.6                   |
| 10068 | CAE | OFDM, 64QAM, 48.0 Mbps, 56.6% DC               | WLAN      | 10.24    | ±9.6                   |
| 10069 | CAE | OFDM, 64QAM, 54.0 Mbps, 54.4% DC               | WLAN      | 10.56    | ±9.6                   |
| 10071 | CAB | OFDM, BPSK, 9.0 Mbps, 65.1% DC                 | WLAN      | 9.83     | ±9.6                   |
| 10072 | CAB | OFDM, QPSK, 12.0 Mbps, 60.1% DC                | WLAN      | 9.62     | ±9.6                   |
| 10073 | CAB | OFDM, QPSK, 18.0 Mbps, 53.1% DC                | WLAN      | 9.94     | ±9.6                   |
| 10074 | CAB | OFDM, 16QAM, 24.0 Mbps, 48.5% DC               | WLAN      | 10.30    | ±9.6                   |
| 10075 | CAB | OFDM, 16QAM, 36.0 Mbps, 42.9% DC               | WLAN      | 10.77    | ±9.6                   |
| 10076 | CAB | OFDM, 64QAM, 48.0 Mbps, 39.5% DC               | WLAN      | 10.94    | ±9.6                   |
| 10077 | CAB | OFDM, 64QAM, 54.0 Mbps, 38.5% DC               | WLAN      | 11.00    | ±9.6                   |
| 10081 | CAB | RC3, 1xRTT                                     | CDMA2000  | 3.97     | ±9.6                   |
| 10097 | CAC | Rel. 5 HSDPA, QPSK, 5.0 MHz                    | WCDMA     | 3.98     | ±9.6                   |
| 10098 | CAC | Rel. 6 HSUPA, Subset 2, QPSK, 5.0 MHz          | WCDMA     | 3.98     | ±9.6                   |
| 10100 | CAF | 20.0 MHz, QPSK, 100% RB                        | LTE-FDD   | 5.67     | ±9.6                   |
| 10101 | CAF | 20.0 MHz, 16QAM, 100% RB                       | LTE-FDD   | 6.42     | ±9.6                   |
| 10102 | CAF | 20.0 MHz, 64QAM, 100% RB                       | LTE-FDD   | 6.60     | ±9.6                   |
| 10103 | CAH | 20.0 MHz, QPSK, UL/DL CFG: 1, SSC: 4, 100% RB  | LTE-TDD   | 9.29     | ±9.6                   |
| 10104 | CAH | 20.0 MHz, 16QAM, UL/DL CFG: 1, SSC: 4, 100% RB | LTE-TDD   | 9.97     | ±9.6                   |
| 10105 | CAH | 20.0 MHz, 64QAM, UL/DL CFG: 1, SSC: 4, 100% RB | LTE-TDD   | 10.01    | ±9.6                   |
| 10108 | CAH | 10.0 MHz, QPSK, 100% RB                        | LTE-FDD   | 5.80     | ±9.6                   |
| 10109 | CAH | 10.0 MHz, 16QAM, 100% RB                       | LTE-FDD   | 6.43     | ±9.6                   |
| 10110 | CAH | 5.0 MHz, QPSK, 100% RB                         | LTE-FDD   | 5.75     | ±9.6                   |
| 10111 | CAH | 5.0 MHz, 16QAM, 100% RB                        | LTE-FDD   | 6.44     | ±9.6                   |
| 10112 | CAH | 10.0 MHz, 64QAM, 100% RB                       | LTE-FDD   | 6.59     | ±9.6                   |
| 10113 | CAH | 5.0 MHz, 64QAM, 100% RB                        | LTE-FDD   | 6.62     | ±9.6                   |
| 10114 | CAE | HT40 Greenfield, MCS0 (13.5 Mbps), 99.7% DC    | WLAN      | 8.10     | ±9.6                   |
| 10115 | CAE | HT40 Greenfield, MCS4 (81.0 Mbps), 99.7% DC    | WLAN      | 8.46     | ±9.6                   |
| 10116 | CAE | HT40 Greenfield, MCS7 (135.0 Mbps), 99.7% DC   | WLAN      | 8.15     | ±9.6                   |

| UID   | Rev | Communication System Name                     | Group   | PAR (dB) | Unc <sup>E</sup> k = 2 |
|-------|-----|-----------------------------------------------|---------|----------|------------------------|
| 10117 | CAE | HT40 Mixed, MCS0 (13.5 Mbps), 99.7% DC        | WLAN    | 8.07     | ±9.6                   |
| 10118 | CAE | HT40 Mixed, MCS4 (81.0 Mbps), 99.7% DC        | WLAN    | 8.59     | ±9.6                   |
| 10119 | CAE | HT40 Mixed, MCS7 (135.0 Mbps), 99.7% DC       | WLAN    | 8.13     | ±9.6                   |
| 10140 | CAF | 15.0 MHz, 16QAM, 100% RB                      | LTE-FDD | 6.49     | ±9.6                   |
| 10141 | CAF | 15.0 MHz, 64QAM, 100% RB                      | LTE-FDD | 6.53     | ±9.6                   |
| 10142 | CAF | 3.0 MHz, QPSK, 100% RB                        | LTE-FDD | 5.73     | ±9.6                   |
| 10143 | CAF | 3.0 MHz, 16QAM, 100% RB                       | LTE-FDD | 6.35     | ±9.6                   |
| 10144 | CAF | 3.0 MHz, 64QAM, 100% RB                       | LTE-FDD | 6.65     | ±9.6                   |
| 10145 | CAG | 1.4 MHz, QPSK, 100% RB                        | LTE-FDD | 5.76     | ±9.6                   |
| 10146 | CAG | 1.4 MHz, 16QAM, 100% RB                       | LTE-FDD | 6.41     | ±9.6                   |
| 10147 | CAG | 1.4 MHz, 64QAM, 100% RB                       | LTE-FDD | 6.72     | ±9.6                   |
| 10149 | CAF | 20.0 MHz, 16QAM, 50% RB                       | LTE-FDD | 6.42     | ±9.6                   |
| 10150 | CAF | 20.0 MHz, 64QAM, 50% RB                       | LTE-FDD | 6.60     | ±9.6                   |
| 10151 | CAH | 20.0 MHz, QPSK, UL/DL CFG: 1, SSC: 4, 50% RB  | LTE-TDD | 9.28     | ±9.6                   |
| 10152 | CAH | 20.0 MHz, 16QAM, UL/DL CFG: 1, SSC: 4, 50% RB | LTE-TDD | 9.92     | ±9.6                   |
| 10153 | CAH | 20.0 MHz, 64QAM, UL/DL CFG: 1, SSC: 4, 50% RB | LTE-TDD | 10.05    | ±9.6                   |
| 10154 | CAH | 10.0 MHz, QPSK, 50% RB                        | LTE-FDD | 5.75     | ±9.6                   |
| 10155 | CAH | 10.0 MHz, 16QAM, 50% RB                       | LTE-FDD | 6.43     | ±9.6                   |
| 10156 | CAH | 5.0 MHz, QPSK, 50% RB                         | LTE-FDD | 5.79     | ±9.6                   |
| 10157 | CAH | 5.0 MHz, 16QAM, 50% RB                        | LTE-FDD | 6.49     | ±9.6                   |
| 10158 | CAH | 10.0 MHz, 64QAM, 50% RB                       | LTE-FDD | 6.62     | ±9.6                   |
| 10159 | CAH | 5.0 MHz, 64QAM, 50% RB                        | LTE-FDD | 6.56     | ±9.6                   |
| 10160 | CAF | 15.0 MHz, QPSK, 50% RB                        | LTE-FDD | 5.82     | ±9.6                   |
| 10161 | CAF | 15.0 MHz, 16QAM, 50% RB                       | LTE-FDD | 6.43     | ±9.6                   |
| 10162 | CAF | 15.0 MHz, 64QAM, 50% RB                       | LTE-FDD | 6.58     | ±9.6                   |
| 10166 | CAG | 1.4 MHz, QPSK, 50% RB                         | LTE-FDD | 5.46     | ±9.6                   |
| 10167 | CAG | 1.4 MHz, 16QAM, 50% RB                        | LTE-FDD | 6.21     | ±9.6                   |
| 10168 | CAG | 1.4 MHz, 64QAM, 50% RB                        | LTE-FDD | 6.79     | ±9.6                   |
| 10169 | CAF | 20.0 MHz, QPSK, 1 RB                          | LTE-FDD | 5.73     | ±9.6                   |
| 10170 | CAF | 20.0 MHz, 16QAM, 1 RB                         | LTE-FDD | 6.52     | ±9.6                   |
| 10171 | AAF | 20.0 MHz, 64QAM, 1 RB                         | LTE-FDD | 6.49     | ±9.6                   |
| 10172 | CAH | 20.0 MHz, QPSK, UL/DL CFG: 1, SSC: 4, 1 RB    | LTE-TDD | 9.21     | ±9.6                   |
| 10173 | CAH | 20.0 MHz, 16QAM, UL/DL CFG: 1, SSC: 4, 1 RB   | LTE-TDD | 9.48     | ±9.6                   |
| 10174 | CAH | 20.0 MHz, 64QAM, UL/DL CFG: 1, SSC: 4, 1 RB   | LTE-TDD | 10.25    | ±9.6                   |
| 10175 | CAH | 10.0 MHz, QPSK, 1 RB                          | LTE-FDD | 5.72     | ±9.6                   |
| 10176 | CAH | 10.0 MHz, 16QAM, 1 RB                         | LTE-FDD | 6.52     | ±9.6                   |
| 10177 | CAJ | 5.0 MHz, QPSK, 1 RB                           | LTE-FDD | 5.73     | ±9.6                   |
| 10178 | CAH | 5.0 MHz, 16QAM, 1 RB                          | LTE-FDD | 6.52     | ±9.6                   |
| 10179 | CAH | 10.0 MHz, 64QAM, 1 RB                         | LTE-FDD | 6.50     | ±9.6                   |
| 10180 | CAH | 5.0 MHz, 64QAM, 1 RB                          | LTE-FDD | 6.50     | ±9.6                   |
| 10181 | CAF | 15.0 MHz, QPSK, 1 RB                          | LTE-FDD | 5.72     | ±9.6                   |
| 10182 | CAF | 15.0 MHz, 16QAM, 1 RB                         | LTE-FDD | 6.52     | ±9.6                   |
| 10183 | AAE | 15.0 MHz, 64QAM, 1 RB                         | LTE-FDD | 6.50     | ±9.6                   |
| 10184 | CAF | 3.0 MHz, QPSK, 1 RB                           | LTE-FDD | 5.73     | ±9.6                   |
| 10185 | CAF | 3.0 MHz, 16QAM, 1 RB                          | LTE-FDD | 6.51     | ±9.6                   |
| 10186 | AAF | 3.0 MHz, 64QAM, 1 RB                          | LTE-FDD | 6.50     | ±9.6                   |
| 10187 | CAG | 1.4 MHz, QPSK, 1 RB                           | LTE-FDD | 5.73     | ±9.6                   |
| 10188 | CAG | 1.4 MHz, 16QAM, 1 RB                          | LTE-FDD | 6.52     | ±9.6                   |
| 10189 | AAG | 1.4 MHz, 64QAM, 1 RB                          | LTE-FDD | 6.50     | ±9.6                   |
| 10193 | CAE | HT20 Greenfield, MCS0 (6.5 Mbps), 99.4% DC    | WLAN    | 8.09     | ±9.6                   |
| 10194 | CAE | HT20 Greenfield, MCS4 (39.0 Mbps), 99.5% DC   | WLAN    | 8.12     | ±9.6                   |
| 10195 | CAE | HT20 Greenfield, MCS7 (65.0 Mbps), 99.5% DC   | WLAN    | 8.21     | ±9.6                   |
| 10196 | CAE | HT20 Mixed, MCS0 (6.5 Mbps), 99.4% DC         | WLAN    | 8.10     | ±9.6                   |
| 10197 | CAE | HT20 Mixed, MCS4 (39.0 Mbps), 99.5% DC        | WLAN    | 8.13     | ±9.6                   |
| 10198 | CAE | HT20 Mixed, MCS7 (65.0 Mbps), 99.5% DC        | WLAN    | 8.27     | ±9.6                   |
| 10219 | CAE | HT20 Mixed, MCS0 (7.2 Mbps), 99.3% DC         | WLAN    | 8.03     | ±9.6                   |
| 10220 | CAE | HT20 Mixed, MCS4 (43.3 Mbps), 99.4% DC        | WLAN    | 8.13     | ±9.6                   |
| 10221 | CAE | HT20 Mixed, MCS7 (72.2 Mbps), 99.4% DC        | WLAN    | 8.27     | ±9.6                   |
| 10222 | CAE | HT40 Mixed, MCS0 (15.0 Mbps), 99.7% DC        | WLAN    | 8.06     | ±9.6                   |
| 10223 | CAE | HT40 Mixed, MCS4 (90.0 Mbps), 99.7% DC        | WLAN    | 8.48     | ±9.6                   |
| 10224 | CAE | HT40 Mixed, MCS7 (150.0 Mbps), 99.7% DC       | WLAN    | 8.08     | ±9.6                   |
| 10225 | CAC | Rel. 7 HSPA+, 16QAM, 5.0 MHz                  | WCDMA   | 5.97     | ±9.6                   |
| 10226 | CAC | 1.4 MHz, 16QAM, UL/DL CFG: 1, SSC: 4, 1 RB    | LTE-TDD | 9.49     | ±9.6                   |
| 10227 | CAC | 1.4 MHz, 64QAM, UL/DL CFG: 1, SSC: 4, 1 RB    | LTE-TDD | 10.26    | ±9.6                   |
| 10228 | CAC | 1.4 MHz, QPSK, UL/DL CFG: 1, SSC: 4, 1 RB     | LTE-TDD | 9.22     | ±9.6                   |
| 10229 | CAE | 3.0 MHz, 16QAM, UL/DL CFG: 1, SSC: 4, 1 RB    | LTE-TDD | 9.48     | ±9.6                   |

| UID   | Rev | Communication System Name                        | Group    | PAR (dB) | Unc <sup>F</sup> k = 2 |
|-------|-----|--------------------------------------------------|----------|----------|------------------------|
| 10230 | CAE | 3.0 MHz, 64QAM, UL/DL CFG: 1, SSC: 4, 1 RB       | LTE-TDD  | 10.25    | ±9.6                   |
| 10231 | CAE | 3.0 MHz, QPSK, UL/DL CFG: 1, SSC: 4, 1 RB        | LTE-TDD  | 9.19     | ±9.6                   |
| 10232 | CAH | 5.0 MHz, 16QAM, UL/DL CFG: 1, SSC: 4, 1 RB       | LTE-TDD  | 9.48     | ±9.6                   |
| 10233 | CAH | 5.0 MHz, 64QAM, UL/DL CFG: 1, SSC: 4, 1 RB       | LTE-TDD  | 10.25    | ±9.6                   |
| 10234 | CAH | 5.0 MHz, QPSK, UL/DL CFG: 1, SSC: 4, 1 RB        | LTE-TDD  | 9.21     | ±9.6                   |
| 10235 | CAH | 10.0 MHz, 16QAM, UL/DL CFG: 1, SSC: 4, 1 RB      | LTE-TDD  | 9.48     | ±9.6                   |
| 10236 | CAH | 10.0 MHz, 64QAM, UL/DL CFG: 1, SSC: 4, 1 RB      | LTE-TDD  | 10.25    | ±9.6                   |
| 10237 | CAH | 10.0 MHz, QPSK, UL/DL CFG: 1, SSC: 4, 1 RB       | LTE-TDD  | 9.21     | ±9.6                   |
| 10238 | CAG | 15.0 MHz, 16QAM, UL/DL CFG: 1, SSC: 4, 1 RB      | LTE-TDD  | 9.48     | ±9.6                   |
| 10239 | CAG | 15.0 MHz, 64QAM, UL/DL CFG: 1, SSC: 4, 1 RB      | LTE-TDD  | 10.25    | ±9.6                   |
| 10240 | CAG | 15.0 MHz, QPSK, UL/DL CFG: 1, SSC: 4, 1 RB       | LTE-TDD  | 9.21     | ±9.6                   |
| 10241 | CAC | 1.4 MHz, 16QAM, UL/DL CFG: 1, SSC: 4, 50% RB     | LTE-TDD  | 9.82     | ±9.6                   |
| 10242 | CAC | 1.4 MHz, 64QAM, UL/DL CFG: 1, SSC: 4, 50% RB     | LTE-TDD  | 9.86     | ±9.6                   |
| 10243 | CAC | 1.4 MHz, QPSK, UL/DL CFG: 1, SSC: 4, 50% RB      | LTE-TDD  | 9.46     | ±9.6                   |
| 10244 | CAE | 3.0 MHz, 16QAM, UL/DL CFG: 1, SSC: 4, 50% RB     | LTE-TDD  | 10.06    | ±9.6                   |
| 10245 | CAE | 3.0 MHz, 64QAM, UL/DL CFG: 1, SSC: 4, 50% RB     | LTE-TDD  | 10.06    | ±9.6                   |
| 10246 | CAE | 3.0 MHz, QPSK, UL/DL CFG: 1, SSC: 4, 50% RB      | LTE-TDD  | 9.30     | ±9.6                   |
| 10247 | CAH | 5.0 MHz, 16QAM, UL/DL CFG: 1, SSC: 4, 50% RB     | LTE-TDD  | 9.91     | ±9.6                   |
| 10248 | CAH | 5.0 MHz, 64QAM, UL/DL CFG: 1, SSC: 4, 50% RB     | LTE-TDD  | 10.09    | ±9.6                   |
| 10249 | CAH | 5.0 MHz, QPSK, UL/DL CFG: 1, SSC: 4, 50% RB      | LTE-TDD  | 9.29     | ±9.6                   |
| 10250 | CAH | 10.0 MHz, 16QAM, UL/DL CFG: 1, SSC: 4, 50% RB    | LTE-TDD  | 9.81     | ±9.6                   |
| 10251 | CAH | 10.0 MHz, 64QAM, UL/DL CFG: 1, SSC: 4, 50% RB    | LTE-TDD  | 10.17    | ±9.6                   |
| 10252 | CAH | 10.0 MHz, QPSK, UL/DL CFG: 1, SSC: 4, 50% RB     | LTE-TDD  | 9.24     | ±9.6                   |
| 10253 | CAG | 15.0 MHz, 16QAM, UL/DL CFG: 1, SSC: 4, 50% RB    | LTE-TDD  | 9.90     | ±9.6                   |
| 10254 | CAG | 15.0 MHz, 64QAM, UL/DL CFG: 1, SSC: 4, 50% RB    | LTE-TDD  | 10.14    | ±9.6                   |
| 10255 | CAG | 15.0 MHz, QPSK, UL/DL CFG: 1, SSC: 4, 50% RB     | LTE-TDD  | 9.20     | ±9.6                   |
| 10256 | CAC | 1.4 MHz, 16QAM, UL/DL CFG: 1, SSC: 4, 100% RB    | LTE-TDD  | 9.96     | ±9.6                   |
| 10257 | CAC | 1.4 MHz, 64QAM, UL/DL CFG: 1, SSC: 4, 100% RB    | LTE-TDD  | 10.08    | ±9.6                   |
| 10258 | CAC | 1.4 MHz, QPSK, UL/DL CFG: 1, SSC: 4, 100% RB     | LTE-TDD  | 9.34     | ±9.6                   |
| 10259 | CAE | 3.0 MHz, 16QAM, UL/DL CFG: 1, SSC: 4, 100% RB    | LTE-TDD  | 9.98     | ±9.6                   |
| 10260 | CAE | 3.0 MHz, 64QAM, UL/DL CFG: 1, SSC: 4, 100% RB    | LTE-TDD  | 9.97     | ±9.6                   |
| 10261 | CAE | 3.0 MHz, QPSK, UL/DL CFG: 1, SSC: 4, 100% RB     | LTE-TDD  | 9.24     | ±9.6                   |
| 10262 | CAH | 5.0 MHz, 16QAM, UL/DL CFG: 1, SSC: 4, 100% RB    | LTE-TDD  | 9.83     | ±9.6                   |
| 10263 | CAH | 5.0 MHz, 64QAM, UL/DL CFG: 1, SSC: 4, 100% RB    | LTE-TDD  | 10.16    | ±9.6                   |
| 10264 | CAH | 5.0 MHz, QPSK, UL/DL CFG: 1, SSC: 4, 100% RB     | LTE-TDD  | 9.23     | ±9.6                   |
| 10265 | CAH | 10.0 MHz, 16QAM, UL/DL CFG: 1, SSC: 4, 100% RB   | LTE-TDD  | 9.92     | ±9.6                   |
| 10266 | CAH | 10.0 MHz, 64QAM, UL/DL CFG: 1, SSC: 4, 100% RB   | LTE-TDD  | 10.07    | ±9.6                   |
| 10267 | CAH | 10.0 MHz, QPSK, UL/DL CFG: 1, SSC: 4, 100% RB    | LTE-TDD  | 9.30     | ±9.6                   |
| 10268 | CAG | 15.0 MHz, 16QAM, UL/DL CFG: 1, SSC: 4, 100% RB   | LTE-TDD  | 10.06    | ±9.6                   |
| 10269 | CAG | 15.0 MHz, 64QAM, UL/DL CFG: 1, SSC: 4, 100% RB   | LTE-TDD  | 10.13    | ±9.6                   |
| 10270 | CAG | 15.0 MHz, QPSK, UL/DL CFG: 1, SSC: 4, 100% RB    | LTE-TDD  | 9.58     | ±9.6                   |
| 10274 | CAC | Rel. 6 HSUPA Subset 2, beta_d 0, QPSK, 5.0 MHz   | WCDMA    | 4.87     | ±9.6                   |
| 10275 | CAC | Rel. 6 HSUPA Subset 2, beta_d 15, QPSK, 5.0 MHz  | WCDMA    | 3.96     | ±9.6                   |
| 10290 | AAB | RC1, SO55, Full frame rate, 1xRTT                | CDMA2000 | 3.91     | ±9.6                   |
| 10291 | AAB | RC3, SO55, Full frame rate, 1xRTT                | CDMA2000 | 3.46     | ±9.6                   |
| 10292 | AAB | RC3, SO32, Full frame rate, SCH0 disabled, 1xRTT | CDMA2000 | 3.39     | ±9.6                   |
| 10293 | AAB | RC3, SO3, Full frame rate, 1xRTT                 | CDMA2000 | 3.50     | ±9.6                   |
| 10295 | AAB | RC3, SO3, 1/8 frame rate, 1xRTT                  | CDMA2000 | 12.49    | ±9.6                   |
| 10297 | AAE | 20.0 MHz, QPSK, 50% RB                           | LTE-FDD  | 5.81     | ±9.6                   |
| 10298 | AAE | 3.0 MHz, QPSK, 50% RB                            | LTE-FDD  | 5.72     | ±9.6                   |
| 10299 | AAE | 3.0 MHz, 16QAM, 50% RB                           | LTE-FDD  | 6.39     | ±9.6                   |
| 10300 | AAE | 3.0 MHz, 64QAM, 50% RB                           | LTE-FDD  | 6.60     | ±9.6                   |
| 10301 | AAA | PUSC, 29:18, QPSK, 5.0 ms, 18 TRAF SYM           | WiMAX    | 12.03    | ±9.6                   |
| 10302 | AAA | PUSC, 29:18, QPSK, 5.0 ms, 15 TRAF SYM           | WiMAX    | 12.57    | ±9.6                   |
| 10303 | AAA | PUSC, 31:15, 64QAM, 5.0 ms, 15 TRAF SYM          | WiMAX    | 12.52    | ±9.6                   |
| 10304 | AAA | PUSC, 29:18, 64QAM, 5.0 ms, 18 TRAF SYM          | WiMAX    | 11.86    | ±9.6                   |
| 10305 | AAA | PUSC, 31:15, 64QAM, 10.0 ms, 15 TRAF SYM         | WiMAX    | 15.24    | ±9.6                   |
| 10306 | AAA | PUSC, 29:18, 64QAM, 10.0 ms, 18 TRAF SYM         | WiMAX    | 14.67    | ±9.6                   |
| 10307 | AAA | PUSC, 29:18, QPSK, 10.0 ms, 18 TRAF SYM          | WiMAX    | 14.49    | ±9.6                   |
| 10308 | AAA | PUSC, 29:18, 16QAM, 10.0 ms, 18 TRAF SYM         | WiMAX    | 14.46    | ±9.6                   |
| 10309 | AAA | AMC 2x3, 29:18, 16QAM, 10.0 ms, 18 TRAF SYM      | WiMAX    | 14.58    | ±9.6                   |
| 10310 | AAA | AMC 2x3, 29:18, QPSK, 10.0 ms, 18 TRAF SYM       | WiMAX    | 14.57    | ±9.6                   |
| 10311 | AAE | 15.0 MHz, QPSK, 100% RB                          | LTE-FDD  | 6.06     | ±9.6                   |
| 10315 | AAB | DSSS, DBPSK, 1.0 Mbps, 96.0% DC                  | WLAN     | 1.71     | ±9.6                   |
| 10316 | AAB | OFDM, BPSK, 6.0 Mbps, 95.9% DC                   | WLAN     | 8.36     | ±9.6                   |
| 10317 | AAE | OFDM, BPSK, 6.0 Mbps, 95.9% DC                   | WLAN     | 8.36     | ±9.6                   |

| UID   | Rev | Communication System Name                                   | Group    | PAR (dB) | Unc <sup>E</sup> k = 2 |
|-------|-----|-------------------------------------------------------------|----------|----------|------------------------|
| 10352 | AAA | Pulse (D=10%, T=5 ms)                                       | Generic  | 10.00    | ±9.6                   |
| 10353 | AAA | Pulse (D=20%, T=5 ms)                                       | Generic  | 6.99     | ±9.6                   |
| 10354 | AAA | Pulse (D=40%, T=5 ms)                                       | Generic  | 3.98     | ±9.6                   |
| 10355 | AAA | Pulse (D=60%, T=5 ms)                                       | Generic  | 2.22     | ±9.6                   |
| 10356 | AAA | Pulse (D=80%, T=5 ms)                                       | Generic  | 0.97     | ±9.6                   |
| 10387 | AAA | Random (BW=1 MHz, MOD=QPSK)                                 | Generic  | 5.10     | ±9.6                   |
| 10388 | AAA | Random (BW=10 MHz, MOD=QPSK)                                | Generic  | 5.22     | ±9.6                   |
| 10396 | AAA | Random (BW=100 kHz, MOD=64QAM)                              | Generic  | 6.27     | ±9.6                   |
| 10399 | AAA | Random (BW=40 MHz, MOD=64QAM)                               | Generic  | 6.27     | ±9.6                   |
| 10400 | AAF | VHT20, MCS5 (52.0 Mbps), 99.0% DC                           | WLAN     | 8.37     | ±9.6                   |
| 10401 | AAF | VHT40, MCS5 (108.0 Mbps), 96.7% DC                          | WLAN     | 8.60     | ±9.6                   |
| 10402 | AAF | VHT80, MCS5 (234.0 Mbps), 99.0% DC                          | WLAN     | 8.53     | ±9.6                   |
| 10403 | AAB | Rev. 0, 1xEV-DO                                             | CDMA2000 | 3.76     | ±9.6                   |
| 10404 | AAB | Rev. A, 1xEV-DO                                             | CDMA2000 | 3.77     | ±9.6                   |
| 10406 | AAB | RC3, SO32, Full frame rate, SCH0 enabled, 1xRTT             | CDMA2000 | 5.22     | ±9.6                   |
| 10410 | AAH | 10.0 MHz, QPSK, UL/DL CFG: 0, SSC: 4, 1 RB                  | LTE-TDD  | 7.82     | ±9.6                   |
| 10414 | AAA | Random (BW=40 MHz, HIGH PAR)                                | Generic  | 8.54     | ±9.6                   |
| 10415 | AAA | DSSS, DBPSK, 1.0 Mbps, 99.9% DC                             | WLAN     | 1.54     | ±9.6                   |
| 10416 | AAA | OFDM, BPSK, 6.0 Mbps, 99.9% DC                              | WLAN     | 8.23     | ±9.6                   |
| 10417 | AAD | OFDM, BPSK, 6.0 Mbps, 99.9% DC                              | WLAN     | 8.23     | ±9.6                   |
| 10418 | AAA | OFDM (LTF), BPSK, 6.0 Mbps, 99.8% DC                        | WLAN     | 8.14     | ±9.6                   |
| 10419 | AAA | OFDM (STF), BPSK, 6.0 Mbps, 99.8% DC                        | WLAN     | 8.19     | ±9.6                   |
| 10422 | AAD | HT20 Greenfield, MCS0 (7.2 Mbps), 99.3% DC                  | WLAN     | 8.32     | ±9.6                   |
| 10423 | AAD | HT20 Greenfield, MCS4 (43.3 Mbps), 99.3% DC                 | WLAN     | 8.47     | ±9.6                   |
| 10424 | AAD | HT20 Greenfield, MCS7 (72.2 Mbps), 99.3% DC                 | WLAN     | 8.40     | ±9.6                   |
| 10425 | AAD | HT40 Greenfield, MCS0 (15.0 Mbps), 99.2% DC                 | WLAN     | 8.41     | ±9.6                   |
| 10426 | AAD | HT40 Greenfield, MCS4 (90.0 Mbps), 99.2% DC                 | WLAN     | 8.45     | ±9.6                   |
| 10427 | AAD | HT40 Greenfield, MCS7 (150.0 Mbps), 99.2% DC                | WLAN     | 8.41     | ±9.6                   |
| 10430 | AAE | 5.0 MHz, 64-QAM, 100% RB                                    | LTE-FDD  | 8.28     | ±9.6                   |
| 10431 | AAE | 10.0 MHz, 64-QAM, 100% RB                                   | LTE-FDD  | 8.38     | ±9.6                   |
| 10432 | AAD | 15.0 MHz, 64-QAM, 100% RB                                   | LTE-FDD  | 8.34     | ±9.6                   |
| 10433 | AAD | 20.0 MHz, 64-QAM, 100% RB                                   | LTE-FDD  | 8.34     | ±9.6                   |
| 10434 | AAB | BS Test Model 1, 64 DPCH, 64QAM, 5.0 MHz (DL)               | WCDMA    | 8.60     | ±9.6                   |
| 10435 | AAG | 20.0 MHz, QPSK, UL/DL CFG: 0, SSC: 7, 1 RB                  | LTE-TDD  | 7.82     | ±9.6                   |
| 10447 | AAE | 5.0 MHz, 64-QAM, 100% RB                                    | LTE-FDD  | 7.56     | ±9.6                   |
| 10448 | AAE | 10.0 MHz, 64-QAM, 100% RB                                   | LTE-FDD  | 7.53     | ±9.6                   |
| 10449 | AAD | 15.0 MHz, 64-QAM, 100% RB                                   | LTE-FDD  | 7.51     | ±9.6                   |
| 10450 | AAD | 20.0 MHz, 64-QAM, 100% RB                                   | LTE-FDD  | 7.48     | ±9.6                   |
| 10451 | AAB | BS Test Model 1, 64 DPCH, Clipping 44%, 64QAM, 5.0 MHz (DL) | WCDMA    | 7.59     | ±9.6                   |
| 10456 | AAD | VHT160, MCS5 (58.5 Mbps), 99.0% DC                          | WLAN     | 8.63     | ±9.6                   |
| 10457 | AAB | Rel. 5 DC-HSDPA, QPSK, 10.0 MHz                             | WCDMA    | 6.62     | ±9.6                   |
| 10458 | AAA | Rev. B, 2 carriers, 1xEV-DO                                 | CDMA2000 | 6.55     | ±9.6                   |
| 10459 | AAA | Rev. B, 3 carriers, 1xEV-DO                                 | CDMA2000 | 8.25     | ±9.6                   |
| 10460 | AAB | Rel. 99, AMR, QPSK, 5.0 MHz                                 | WCDMA    | 2.39     | ±9.6                   |
| 10461 | AAC | 1.4 MHz, QPSK, UL/DL CFG: 0, SSC: 7, 1 RB                   | LTE-TDD  | 7.82     | ±9.6                   |
| 10462 | AAC | 1.4 MHz, 16QAM, UL/DL CFG: 0, SSC: 7, 1 RB                  | LTE-TDD  | 8.30     | ±9.6                   |
| 10463 | AAC | 1.4 MHz, 64QAM, UL/DL CFG: 0, SSC: 7, 1 RB                  | LTE-TDD  | 8.56     | ±9.6                   |
| 10464 | AAD | 3.0 MHz, QPSK, UL/DL CFG: 0, SSC: 7, 1 RB                   | LTE-TDD  | 7.82     | ±9.6                   |
| 10465 | AAD | 3.0 MHz, 16QAM, UL/DL CFG: 0, SSC: 7, 1 RB                  | LTE-TDD  | 8.32     | ±9.6                   |
| 10466 | AAD | 3.0 MHz, 64QAM, UL/DL CFG: 0, SSC: 7, 1 RB                  | LTE-TDD  | 8.57     | ±9.6                   |
| 10467 | AAG | 5.0 MHz, QPSK, UL/DL CFG: 0, SSC: 7, 1 RB                   | LTE-TDD  | 7.82     | ±9.6                   |
| 10468 | AAG | 5.0 MHz, 16QAM, UL/DL CFG: 0, SSC: 7, 1 RB                  | LTE-TDD  | 8.32     | ±9.6                   |
| 10469 | AAG | 5.0 MHz, 64QAM, UL/DL CFG: 0, SSC: 7, 1 RB                  | LTE-TDD  | 8.56     | ±9.6                   |
| 10470 | AAG | 10.0 MHz, QPSK, UL/DL CFG: 0, SSC: 7, 1 RB                  | LTE-TDD  | 7.82     | ±9.6                   |
| 10471 | AAG | 10.0 MHz, 16QAM, UL/DL CFG: 0, SSC: 7, 1 RB                 | LTE-TDD  | 8.32     | ±9.6                   |
| 10472 | AAG | 10.0 MHz, 64QAM, UL/DL CFG: 0, SSC: 7, 1 RB                 | LTE-TDD  | 8.57     | ±9.6                   |
| 10473 | AAF | 15.0 MHz, QPSK, UL/DL CFG: 0, SSC: 7, 1 RB                  | LTE-TDD  | 7.82     | ±9.6                   |
| 10474 | AAF | 15.0 MHz, 16QAM, UL/DL CFG: 0, SSC: 7, 1 RB                 | LTE-TDD  | 8.32     | ±9.6                   |
| 10475 | AAF | 15.0 MHz, 64QAM, UL/DL CFG: 0, SSC: 7, 1 RB                 | LTE-TDD  | 8.57     | ±9.6                   |
| 10477 | AAG | 20.0 MHz, 16QAM, UL/DL CFG: 0, SSC: 7, 1 RB                 | LTE-TDD  | 8.32     | ±9.6                   |
| 10478 | AAG | 20.0 MHz, 64QAM, UL/DL CFG: 0, SSC: 7, 1 RB                 | LTE-TDD  | 8.57     | ±9.6                   |
| 10479 | AAC | 1.4 MHz, QPSK, UL/DL CFG: 0, SSC: 7, 50% RB                 | LTE-TDD  | 7.74     | ±9.6                   |
| 10480 | AAC | 1.4 MHz, 16QAM, UL/DL CFG: 0, SSC: 7, 50% RB                | LTE-TDD  | 8.18     | ±9.6                   |
| 10481 | AAC | 1.4 MHz, 64QAM, UL/DL CFG: 0, SSC: 7, 50% RB                | LTE-TDD  | 8.45     | ±9.6                   |
| 10482 | AAD | 3.0 MHz, QPSK, UL/DL CFG: 0, SSC: 7, 50% RB                 | LTE-TDD  | 7.71     | ±9.6                   |
| 10483 | AAD | 3.0 MHz, 16QAM, UL/DL CFG: 0, SSC: 7, 50% RB                | LTE-TDD  | 8.39     | ±9.6                   |

| UID   | Rev | Communication System Name                      | Group   | PAR (dB) | Unc <sup>E</sup> k = 2 |
|-------|-----|------------------------------------------------|---------|----------|------------------------|
| 10484 | AAD | 3.0 MHz, 64QAM, UL/DL CFG: 0, SSC: 7, 50% RB   | LTE-TDD | 8.47     | ±9.6                   |
| 10485 | AAG | 5.0 MHz, QPSK, UL/DL CFG: 0, SSC: 7, 50% RB    | LTE-TDD | 7.59     | ±9.6                   |
| 10486 | AAG | 5.0 MHz, 16QAM, UL/DL CFG: 0, SSC: 7, 50% RB   | LTE-TDD | 8.38     | ±9.6                   |
| 10487 | AAG | 5.0 MHz, 64QAM, UL/DL CFG: 0, SSC: 7, 50% RB   | LTE-TDD | 8.60     | ±9.6                   |
| 10488 | AAG | 10.0 MHz, QPSK, UL/DL CFG: 0, SSC: 7, 50% RB   | LTE-TDD | 7.70     | ±9.6                   |
| 10489 | AAG | 10.0 MHz, 16QAM, UL/DL CFG: 0, SSC: 7, 50% RB  | LTE-TDD | 8.31     | ±9.6                   |
| 10490 | AAG | 10.0 MHz, 64QAM, UL/DL CFG: 0, SSC: 7, 50% RB  | LTE-TDD | 8.54     | ±9.6                   |
| 10491 | AAF | 15.0 MHz, QPSK, UL/DL CFG: 0, SSC: 7, 50% RB   | LTE-TDD | 7.74     | ±9.6                   |
| 10492 | AAF | 15.0 MHz, 16QAM, UL/DL CFG: 0, SSC: 7, 50% RB  | LTE-TDD | 8.41     | ±9.6                   |
| 10493 | AAF | 15.0 MHz, 64QAM, UL/DL CFG: 0, SSC: 7, 50% RB  | LTE-TDD | 8.55     | ±9.6                   |
| 10494 | AAG | 20.0 MHz, QPSK, UL/DL CFG: 0, SSC: 7, 50% RB   | LTE-TDD | 7.74     | ±9.6                   |
| 10495 | AAG | 20.0 MHz, 16QAM, UL/DL CFG: 0, SSC: 7, 50% RB  | LTE-TDD | 8.37     | ±9.6                   |
| 10496 | AAG | 20.0 MHz, 64QAM, UL/DL CFG: 0, SSC: 7, 50% RB  | LTE-TDD | 8.54     | ±9.6                   |
| 10497 | AAC | 1.4 MHz, QPSK, UL/DL CFG: 0, SSC: 7, 100% RB   | LTE-TDD | 7.67     | ±9.6                   |
| 10498 | AAC | 1.4 MHz, 16QAM, UL/DL CFG: 0, SSC: 7, 100% RB  | LTE-TDD | 8.40     | ±9.6                   |
| 10499 | AAC | 1.4 MHz, 64QAM, UL/DL CFG: 0, SSC: 7, 100% RB  | LTE-TDD | 8.68     | ±9.6                   |
| 10500 | AAD | 3.0 MHz, QPSK, UL/DL CFG: 0, SSC: 7, 100% RB   | LTE-TDD | 7.67     | ±9.6                   |
| 10501 | AAD | 3.0 MHz, 16QAM, UL/DL CFG: 0, SSC: 7, 100% RB  | LTE-TDD | 8.44     | ±9.6                   |
| 10502 | AAD | 3.0 MHz, 64QAM, UL/DL CFG: 0, SSC: 7, 100% RB  | LTE-TDD | 8.52     | ±9.6                   |
| 10503 | AAG | 5.0 MHz, QPSK, UL/DL CFG: 0, SSC: 7, 100% RB   | LTE-TDD | 7.72     | ±9.6                   |
| 10504 | AAG | 5.0 MHz, 16QAM, UL/DL CFG: 0, SSC: 7, 100% RB  | LTE-TDD | 8.31     | ±9.6                   |
| 10505 | AAG | 5.0 MHz, 64QAM, UL/DL CFG: 0, SSC: 7, 100% RB  | LTE-TDD | 8.54     | ±9.6                   |
| 10506 | AAG | 10.0 MHz, QPSK, UL/DL CFG: 0, SSC: 7, 100% RB  | LTE-TDD | 7.74     | ±9.6                   |
| 10507 | AAG | 10.0 MHz, 16QAM, UL/DL CFG: 0, SSC: 7, 100% RB | LTE-TDD | 8.36     | ±9.6                   |
| 10508 | AAG | 10.0 MHz, 64QAM, UL/DL CFG: 0, SSC: 7, 100% RB | LTE-TDD | 8.55     | ±9.6                   |
| 10509 | AAF | 15.0 MHz, QPSK, UL/DL CFG: 0, SSC: 7, 100% RB  | LTE-TDD | 7.99     | ±9.6                   |
| 10510 | AAF | 15.0 MHz, 16QAM, UL/DL CFG: 0, SSC: 7, 100% RB | LTE-TDD | 8.49     | ±9.6                   |
| 10511 | AAF | 15.0 MHz, 64QAM, UL/DL CFG: 0, SSC: 7, 100% RB | LTE-TDD | 8.51     | ±9.6                   |
| 10512 | AAG | 20.0 MHz, QPSK, UL/DL CFG: 0, SSC: 7, 100% RB  | LTE-TDD | 7.74     | ±9.6                   |
| 10513 | AAG | 20.0 MHz, 16QAM, UL/DL CFG: 0, SSC: 7, 100% RB | LTE-TDD | 8.42     | ±9.6                   |
| 10514 | AAG | 20.0 MHz, 64QAM, UL/DL CFG: 0, SSC: 7, 100% RB | LTE-TDD | 8.45     | ±9.6                   |
| 10515 | AAA | DSSS, DQPSK, 2.0 Mbps, 99.0% DC                | WLAN    | 1.58     | ±9.6                   |
| 10516 | AAA | HR-DSSS, DQPSK, 5.5 Mbps, 99.2% DC             | WLAN    | 1.57     | ±9.6                   |
| 10517 | AAA | HR-DSSS, DQPSK, 11.0 Mbps, 99.0% DC            | WLAN    | 1.58     | ±9.6                   |
| 10518 | AAD | OFDM, BPSK, 9.0 Mbps, 98.9% DC                 | WLAN    | 8.23     | ±9.6                   |
| 10519 | AAD | OFDM, QPSK, 12.0 Mbps, 99.0% DC                | WLAN    | 8.39     | ±9.6                   |
| 10520 | AAD | OFDM, QPSK, 18.0 Mbps, 99.0% DC                | WLAN    | 8.12     | ±9.6                   |
| 10521 | AAD | OFDM, 16QAM, 24.0 Mbps, 99.0% DC               | WLAN    | 7.97     | ±9.6                   |
| 10522 | AAD | OFDM, 16QAM, 36.0 Mbps, 99.0% DC               | WLAN    | 8.45     | ±9.6                   |
| 10523 | AAD | OFDM, 64QAM, 48.0 Mbps, 99.0% DC               | WLAN    | 8.08     | ±9.6                   |
| 10524 | AAD | OFDM, 64QAM, 54.0 Mbps, 99.0% DC               | WLAN    | 8.27     | ±9.6                   |
| 10525 | AAD | VHT20, MCS0 (6.5 Mbps), 98.9% DC               | WLAN    | 8.36     | ±9.6                   |
| 10526 | AAD | VHT20, MCS1 (13.0 Mbps), 99.0% DC              | WLAN    | 8.42     | ±9.6                   |
| 10527 | AAD | VHT20, MCS2 (19.5 Mbps), 99.0% DC              | WLAN    | 8.21     | ±9.6                   |
| 10528 | AAD | VHT20, MCS3 (26.0 Mbps), 99.0% DC              | WLAN    | 8.36     | ±9.6                   |
| 10529 | AAD | VHT20, MCS4 (39.0 Mbps), 99.0% DC              | WLAN    | 8.36     | ±9.6                   |
| 10531 | AAD | VHT20, MCS6 (58.5 Mbps), 99.0% DC              | WLAN    | 8.43     | ±9.6                   |
| 10532 | AAD | VHT20, MCS7 (65.0 Mbps), 99.0% DC              | WLAN    | 8.29     | ±9.6                   |
| 10533 | AAD | VHT20, MCS8 (78.0 Mbps), 99.0% DC              | WLAN    | 8.38     | ±9.6                   |
| 10534 | AAD | VHT40, MCS0 (13.5 Mbps), 98.9% DC              | WLAN    | 8.45     | ±9.6                   |
| 10535 | AAD | VHT40, MCS1 (27.0 Mbps), 98.8% DC              | WLAN    | 8.45     | ±9.6                   |
| 10536 | AAD | VHT40, MCS2 (40.5 Mbps), 98.8% DC              | WLAN    | 8.32     | ±9.6                   |
| 10537 | AAD | VHT40, MCS3 (54.0 Mbps), 98.7% DC              | WLAN    | 8.44     | ±9.6                   |
| 10538 | AAD | VHT40, MCS4 (81.0 Mbps), 98.5% DC              | WLAN    | 8.54     | ±9.6                   |
| 10540 | AAD | VHT40, MCS6 (121.5 Mbps), 98.3% DC             | WLAN    | 8.39     | ±9.6                   |
| 10541 | AAD | VHT40, MCS7 (135.0 Mbps), 98.3% DC             | WLAN    | 8.46     | ±9.6                   |
| 10542 | AAD | VHT40, MCS8 (162.0 Mbps), 98.1% DC             | WLAN    | 8.65     | ±9.6                   |
| 10543 | AAD | VHT40, MCS9 (180.0 Mbps), 98.0% DC             | WLAN    | 8.65     | ±9.6                   |
| 10544 | AAD | VHT80, MCS0 (29.3 Mbps), 99.0% DC              | WLAN    | 8.47     | ±9.6                   |
| 10545 | AAD | VHT80, MCS1 (58.5 Mbps), 99.0% DC              | WLAN    | 8.55     | ±9.6                   |
| 10546 | AAD | VHT80, MCS2 (87.8 Mbps), 99.0% DC              | WLAN    | 8.35     | ±9.6                   |
| 10547 | AAD | VHT80, MCS3 (117.0 Mbps), 99.0% DC             | WLAN    | 8.49     | ±9.6                   |
| 10548 | AAD | VHT80, MCS4 (175.5 Mbps), 99.0% DC             | WLAN    | 8.37     | ±9.6                   |
| 10550 | AAD | VHT80, MCS6 (263.3 Mbps), 99.0% DC             | WLAN    | 8.38     | ±9.6                   |
| 10551 | AAD | VHT80, MCS7 (292.5 Mbps), 99.0% DC             | WLAN    | 8.50     | ±9.6                   |
| 10552 | AAD | VHT80, MCS8 (351.0 Mbps), 99.0% DC             | WLAN    | 8.42     | ±9.6                   |

| UID   | Rev | Communication System Name               | Group | PAR (dB) | Unc <sup>E</sup> k = 2 |
|-------|-----|-----------------------------------------|-------|----------|------------------------|
| 10553 | AAD | VHT80, MCS9 (390.0 Mbps), 99.0% DC      | WLAN  | 8.45     | ±9.6                   |
| 10554 | AAE | VHT160, MCS0 (58.5 Mbps), 99.0% DC      | WLAN  | 8.48     | ±9.6                   |
| 10555 | AAE | VHT160, MCS1 (117.0 Mbps), 99.0% DC     | WLAN  | 8.47     | ±9.6                   |
| 10556 | AAE | VHT160, MCS2 (175.5 Mbps), 99.0% DC     | WLAN  | 8.50     | ±9.6                   |
| 10557 | AAE | VHT160, MCS3 (234.0 Mbps), 99.0% DC     | WLAN  | 8.52     | ±9.6                   |
| 10558 | AAE | VHT160, MCS4 (351.0 Mbps), 99.0% DC     | WLAN  | 8.61     | ±9.6                   |
| 10560 | AAE | VHT160, MCS6 (526.5 Mbps), 99.0% DC     | WLAN  | 8.73     | ±9.6                   |
| 10561 | AAE | VHT160, MCS7 (585.0 Mbps), 99.0% DC     | WLAN  | 8.56     | ±9.6                   |
| 10562 | AAE | VHT160, MCS8 (702.0 Mbps), 99.0% DC     | WLAN  | 8.69     | ±9.6                   |
| 10563 | AAE | VHT160, MCS9 (780.0 Mbps), 99.0% DC     | WLAN  | 8.77     | ±9.6                   |
| 10564 | AAA | OFDM, BPSK, 9.0 Mbps, 98.9% DC          | WLAN  | 8.25     | ±9.6                   |
| 10565 | AAA | OFDM, QPSK, 12.0 Mbps, 99.0% DC         | WLAN  | 8.45     | ±9.6                   |
| 10566 | AAA | OFDM, QPSK, 18.0 Mbps, 99.0% DC         | WLAN  | 8.13     | ±9.6                   |
| 10567 | AAA | OFDM, 16QAM, 24.0 Mbps, 99.0% DC        | WLAN  | 8.00     | ±9.6                   |
| 10568 | AAA | OFDM, 16QAM, 36.0 Mbps, 99.0% DC        | WLAN  | 8.37     | ±9.6                   |
| 10569 | AAA | OFDM, 64QAM, 48.0 Mbps, 99.0% DC        | WLAN  | 8.10     | ±9.6                   |
| 10570 | AAA | OFDM, 64QAM, 54.0 Mbps, 99.0% DC        | WLAN  | 8.30     | ±9.6                   |
| 10571 | AAA | DSSS, DQPSK, 1.0 Mbps, 90.0% DC         | WLAN  | 1.99     | ±9.6                   |
| 10572 | AAA | DSSS, DQPSK, 2.0 Mbps, 90.0% DC         | WLAN  | 1.99     | ±9.6                   |
| 10573 | AAA | HR-DSSS, DQPSK, 5.5 Mbps, 90.1% DC      | WLAN  | 1.98     | ±9.6                   |
| 10574 | AAA | HR-DSSS, DQPSK, 11.0 Mbps, 90.3% DC     | WLAN  | 1.98     | ±9.6                   |
| 10575 | AAA | OFDM, BPSK, 6.0 Mbps, 89.9% DC          | WLAN  | 8.59     | ±9.6                   |
| 10576 | AAA | OFDM, BPSK, 9.0 Mbps, 89.9% DC          | WLAN  | 8.60     | ±9.6                   |
| 10577 | AAA | OFDM, QPSK, 12.0 Mbps, 90.0% DC         | WLAN  | 8.70     | ±9.6                   |
| 10578 | AAA | OFDM, QPSK, 18.0 Mbps, 90.0% DC         | WLAN  | 8.49     | ±9.6                   |
| 10579 | AAA | OFDM, 16QAM, 24.0 Mbps, 90.0% DC        | WLAN  | 8.36     | ±9.6                   |
| 10580 | AAA | OFDM, 16QAM, 36.0 Mbps, 90.0% DC        | WLAN  | 8.76     | ±9.6                   |
| 10581 | AAA | OFDM, 64QAM, 48.0 Mbps, 90.0% DC        | WLAN  | 8.35     | ±9.6                   |
| 10582 | AAA | OFDM, 64QAM, 54.0 Mbps, 90.0% DC        | WLAN  | 8.67     | ±9.6                   |
| 10583 | AAD | OFDM, BPSK, 6.0 Mbps, 89.9% DC          | WLAN  | 8.59     | ±9.6                   |
| 10584 | AAD | OFDM, BPSK, 9.0 Mbps, 89.9% DC          | WLAN  | 8.60     | ±9.6                   |
| 10585 | AAD | OFDM, QPSK, 12.0 Mbps, 90.0% DC         | WLAN  | 8.70     | ±9.6                   |
| 10586 | AAD | OFDM, QPSK, 18.0 Mbps, 90.0% DC         | WLAN  | 8.49     | ±9.6                   |
| 10587 | AAD | OFDM, 16QAM, 24.0 Mbps, 90.0% DC        | WLAN  | 8.36     | ±9.6                   |
| 10588 | AAD | OFDM, 16QAM, 36.0 Mbps, 90.0% DC        | WLAN  | 8.76     | ±9.6                   |
| 10589 | AAD | OFDM, 64QAM, 48.0 Mbps, 90.0% DC        | WLAN  | 8.35     | ±9.6                   |
| 10590 | AAD | OFDM, 64QAM, 54.0 Mbps, 90.0% DC        | WLAN  | 8.67     | ±9.6                   |
| 10591 | AAD | HT20 Mixed, MCS0 (6.5 Mbps), 89.9% DC   | WLAN  | 8.63     | ±9.6                   |
| 10592 | AAD | HT20 Mixed, MCS1 (13.0 Mbps), 90.0% DC  | WLAN  | 8.79     | ±9.6                   |
| 10593 | AAD | HT20 Mixed, MCS2 (19.5 Mbps), 90.0% DC  | WLAN  | 8.64     | ±9.6                   |
| 10594 | AAD | HT20 Mixed, MCS3 (26.0 Mbps), 90.0% DC  | WLAN  | 8.74     | ±9.6                   |
| 10595 | AAD | HT20 Mixed, MCS4 (39.0 Mbps), 90.0% DC  | WLAN  | 8.74     | ±9.6                   |
| 10596 | AAD | HT20 Mixed, MCS5 (52.0 Mbps), 90.0% DC  | WLAN  | 8.71     | ±9.6                   |
| 10597 | AAD | HT20 Mixed, MCS6 (58.5 Mbps), 90.0% DC  | WLAN  | 8.72     | ±9.6                   |
| 10598 | AAD | HT20 Mixed, MCS7 (65.0 Mbps), 90.0% DC  | WLAN  | 8.50     | ±9.6                   |
| 10599 | AAD | HT40 Mixed, MCS0 (13.5 Mbps), 89.9% DC  | WLAN  | 8.79     | ±9.6                   |
| 10600 | AAD | HT40 Mixed, MCS1 (27.0 Mbps), 89.7% DC  | WLAN  | 8.88     | ±9.6                   |
| 10601 | AAD | HT40 Mixed, MCS2 (40.5 Mbps), 89.6% DC  | WLAN  | 8.82     | ±9.6                   |
| 10602 | AAD | HT40 Mixed, MCS3 (54.0 Mbps), 89.4% DC  | WLAN  | 8.94     | ±9.6                   |
| 10603 | AAD | HT40 Mixed, MCS4 (81.0 Mbps), 89.2% DC  | WLAN  | 9.03     | ±9.6                   |
| 10604 | AAD | HT40 Mixed, MCS5 (108.0 Mbps), 88.9% DC | WLAN  | 8.76     | ±9.6                   |
| 10605 | AAD | HT40 Mixed, MCS6 (121.5 Mbps), 88.8% DC | WLAN  | 8.97     | ±9.6                   |
| 10606 | AAD | HT40 Mixed, MCS7 (135.0 Mbps), 88.7% DC | WLAN  | 8.82     | ±9.6                   |
| 10607 | AAD | VHT20, MCS0 (6.5 Mbps), 89.9% DC        | WLAN  | 8.64     | ±9.6                   |
| 10608 | AAD | VHT20, MCS1 (13.0 Mbps), 90.0% DC       | WLAN  | 8.77     | ±9.6                   |
| 10609 | AAD | VHT20, MCS2 (19.5 Mbps), 90.0% DC       | WLAN  | 8.57     | ±9.6                   |
| 10610 | AAD | VHT20, MCS3 (26.0 Mbps), 90.0% DC       | WLAN  | 8.78     | ±9.6                   |
| 10611 | AAD | VHT20, MCS4 (39.0 Mbps), 90.0% DC       | WLAN  | 8.70     | ±9.6                   |
| 10612 | AAD | VHT20, MCS5 (52.0 Mbps), 90.0% DC       | WLAN  | 8.77     | ±9.6                   |
| 10613 | AAD | VHT20, MCS6 (58.5 Mbps), 90.0% DC       | WLAN  | 8.94     | ±9.6                   |
| 10614 | AAD | VHT20, MCS7 (65.0 Mbps), 90.0% DC       | WLAN  | 8.59     | ±9.6                   |
| 10615 | AAD | VHT20, MCS8 (78.0 Mbps), 90.0% DC       | WLAN  | 8.82     | ±9.6                   |
| 10616 | AAD | VHT40, MCS0 (13.5 Mbps), 89.9% DC       | WLAN  | 8.82     | ±9.6                   |
| 10617 | AAD | VHT40, MCS1 (27.0 Mbps), 89.7% DC       | WLAN  | 8.81     | ±9.6                   |
| 10618 | AAD | VHT40, MCS2 (40.5 Mbps), 89.6% DC       | WLAN  | 8.58     | ±9.6                   |
| 10619 | AAD | VHT40, MCS3 (54.0 Mbps), 89.4% DC       | WLAN  | 8.86     | ±9.6                   |

| UID   | Rev | Communication System Name                 | Group     | PAR (dB) | Unc <sup>E</sup> k = 2 |
|-------|-----|-------------------------------------------|-----------|----------|------------------------|
| 10620 | AAD | VHT40, MCS4 (81.0 Mbps), 89.2% DC         | WLAN      | 8.87     | ±9.6                   |
| 10621 | AAD | VHT40, MCS5 (108.0 Mbps), 88.9% DC        | WLAN      | 8.77     | ±9.6                   |
| 10622 | AAD | VHT40, MCS6 (121.5 Mbps), 88.8% DC        | WLAN      | 8.68     | ±9.6                   |
| 10623 | AAD | VHT40, MCS7 (135.0 Mbps), 88.6% DC        | WLAN      | 8.82     | ±9.6                   |
| 10624 | AAD | VHT40, MCS8 (162.0 Mbps), 88.4% DC        | WLAN      | 8.96     | ±9.6                   |
| 10625 | AAD | VHT40, MCS9 (180.0 Mbps), 88.2% DC        | WLAN      | 8.96     | ±9.6                   |
| 10626 | AAD | VHT80, MCS0 (29.3 Mbps), 90.0% DC         | WLAN      | 8.83     | ±9.6                   |
| 10627 | AAD | VHT80, MCS1 (58.5 Mbps), 90.0% DC         | WLAN      | 8.88     | ±9.6                   |
| 10628 | AAD | VHT80, MCS2 (87.8 Mbps), 90.0% DC         | WLAN      | 8.71     | ±9.6                   |
| 10629 | AAD | VHT80, MCS3 (117.0 Mbps), 90.0% DC        | WLAN      | 8.85     | ±9.6                   |
| 10630 | AAD | VHT80, MCS4 (175.5 Mbps), 90.0% DC        | WLAN      | 8.72     | ±9.6                   |
| 10631 | AAD | VHT80, MCS5 (234.0 Mbps), 90.0% DC        | WLAN      | 8.81     | ±9.6                   |
| 10632 | AAD | VHT80, MCS6 (263.3 Mbps), 90.0% DC        | WLAN      | 8.74     | ±9.6                   |
| 10633 | AAD | VHT80, MCS7 (292.5 Mbps), 90.0% DC        | WLAN      | 8.83     | ±9.6                   |
| 10634 | AAD | VHT80, MCS8 (351.0 Mbps), 90.0% DC        | WLAN      | 8.80     | ±9.6                   |
| 10635 | AAD | VHT80, MCS9 (390.0 Mbps), 90.0% DC        | WLAN      | 8.81     | ±9.6                   |
| 10636 | AAE | VHT160, MCS0 (58.5 Mbps), 90.0% DC        | WLAN      | 8.83     | ±9.6                   |
| 10637 | AAE | VHT160, MCS1 (117.0 Mbps), 90.0% DC       | WLAN      | 8.79     | ±9.6                   |
| 10638 | AAE | VHT160, MCS2 (175.5 Mbps), 90.0% DC       | WLAN      | 8.86     | ±9.6                   |
| 10639 | AAE | VHT160, MCS3 (234.0 Mbps), 90.0% DC       | WLAN      | 8.85     | ±9.6                   |
| 10640 | AAE | VHT160, MCS4 (351.0 Mbps), 90.0% DC       | WLAN      | 8.98     | ±9.6                   |
| 10641 | AAE | VHT160, MCS5 (468.0 Mbps), 90.0% DC       | WLAN      | 9.06     | ±9.6                   |
| 10642 | AAE | VHT160, MCS6 (526.5 Mbps), 90.0% DC       | WLAN      | 9.06     | ±9.6                   |
| 10643 | AAE | VHT160, MCS7 (585.0 Mbps), 90.0% DC       | WLAN      | 8.89     | ±9.6                   |
| 10644 | AAE | VHT160, MCS8 (702.0 Mbps), 90.0% DC       | WLAN      | 9.05     | ±9.6                   |
| 10645 | AAE | VHT160, MCS9 (780.0 Mbps), 90.0% DC       | WLAN      | 9.11     | ±9.6                   |
| 10646 | AAH | 5.0MHz, QPSK, UL/DL CFG: 2, SSC: 4, 1 RB  | LTE-TDD   | 11.96    | ±9.6                   |
| 10647 | AAG | 20.0MHz, QPSK, UL/DL CFG: 2, SSC: 7, 1 RB | LTE-TDD   | 11.96    | ±9.6                   |
| 10648 | AAA | RC8, SO75, 1xAdvanced                     | CDMA2000  | 3.45     | ±9.6                   |
| 10670 | AAA | LE, Test, GFSK                            | Bluetooth | 2.19     | ±9.6                   |
| 10671 | AAC | ET20, MCS0 (8.6 Mbps), 90.0% DC           | WLAN      | 9.09     | ±9.6                   |
| 10672 | AAC | ET20, MCS1 (17.0 Mbps), 90.0% DC          | WLAN      | 8.57     | ±9.6                   |
| 10673 | AAC | ET20, MCS2 (26.0 Mbps), 90.0% DC          | WLAN      | 8.78     | ±9.6                   |
| 10674 | AAC | ET20, MCS3 (34.0 Mbps), 90.0% DC          | WLAN      | 8.74     | ±9.6                   |
| 10675 | AAC | ET20, MCS4 (52.0 Mbps), 90.0% DC          | WLAN      | 8.90     | ±9.6                   |
| 10676 | AAC | ET20, MCS5 (69.0 Mbps), 90.0% DC          | WLAN      | 8.77     | ±9.6                   |
| 10677 | AAC | ET20, MCS6 (77.0 Mbps), 90.0% DC          | WLAN      | 8.73     | ±9.6                   |
| 10678 | AAC | ET20, MCS7 (86.0 Mbps), 90.0% DC          | WLAN      | 8.78     | ±9.6                   |
| 10679 | AAC | ET20, MCS8 (103.0 Mbps), 90.0% DC         | WLAN      | 8.89     | ±9.6                   |
| 10680 | AAC | ET20, MCS9 (115.0 Mbps), 90.0% DC         | WLAN      | 8.80     | ±9.6                   |
| 10681 | AAC | ET20, MCS10 (122.0 Mbps), 90.0% DC        | WLAN      | 8.62     | ±9.6                   |
| 10682 | AAC | ET20, MCS11 (135.0 Mbps), 90.0% DC        | WLAN      | 8.83     | ±9.6                   |
| 10683 | AAC | ET20, MCS0 (8.6 Mbps), 100.0% DC          | WLAN      | 8.42     | ±9.6                   |
| 10684 | AAC | ET20, MCS1 (17.0 Mbps), 100.0% DC         | WLAN      | 8.26     | ±9.6                   |
| 10685 | AAC | ET20, MCS2 (26.0 Mbps), 100.0% DC         | WLAN      | 8.33     | ±9.6                   |
| 10686 | AAC | ET20, MCS3 (34.0 Mbps), 100.0% DC         | WLAN      | 8.28     | ±9.6                   |
| 10687 | AAC | ET20, MCS4 (52.0 Mbps), 100.0% DC         | WLAN      | 8.45     | ±9.6                   |
| 10688 | AAC | ET20, MCS5 (69.0 Mbps), 100.0% DC         | WLAN      | 8.29     | ±9.6                   |
| 10689 | AAC | ET20, MCS6 (77.0 Mbps), 100.0% DC         | WLAN      | 8.55     | ±9.6                   |
| 10690 | AAC | ET20, MCS7 (86.0 Mbps), 100.0% DC         | WLAN      | 8.29     | ±9.6                   |
| 10691 | AAC | ET20, MCS8 (103.0 Mbps), 100.0% DC        | WLAN      | 8.25     | ±9.6                   |
| 10692 | AAC | ET20, MCS9 (115.0 Mbps), 100.0% DC        | WLAN      | 8.29     | ±9.6                   |
| 10693 | AAC | ET20, MCS10 (122.0 Mbps), 100.0% DC       | WLAN      | 8.25     | ±9.6                   |
| 10694 | AAC | ET20, MCS11 (135.0 Mbps), 100.0% DC       | WLAN      | 8.57     | ±9.6                   |
| 10695 | AAC | ET40, MCS0 (17.2 Mbps), 89.8% DC          | WLAN      | 8.78     | ±9.6                   |
| 10696 | AAC | ET40, MCS1 (34.0 Mbps), 89.8% DC          | WLAN      | 8.91     | ±9.6                   |
| 10697 | AAC | ET40, MCS2 (52.0 Mbps), 89.7% DC          | WLAN      | 8.61     | ±9.6                   |
| 10698 | AAC | ET40, MCS3 (69.0 Mbps), 89.7% DC          | WLAN      | 8.89     | ±9.6                   |
| 10699 | AAC | ET40, MCS4 (103.0 Mbps), 89.9% DC         | WLAN      | 8.82     | ±9.6                   |
| 10700 | AAC | ET40, MCS5 (138.0 Mbps), 89.8% DC         | WLAN      | 8.73     | ±9.6                   |
| 10701 | AAC | ET40, MCS6 (155.0 Mbps), 89.8% DC         | WLAN      | 8.86     | ±9.6                   |
| 10702 | AAC | ET40, MCS7 (172.0 Mbps), 89.8% DC         | WLAN      | 8.70     | ±9.6                   |
| 10703 | AAC | ET40, MCS8 (207.0 Mbps), 89.8% DC         | WLAN      | 8.82     | ±9.6                   |
| 10704 | AAC | ET40, MCS9 (229.0 Mbps), 89.8% DC         | WLAN      | 8.56     | ±9.6                   |
| 10705 | AAC | ET40, MCS10 (258.0 Mbps), 89.8% DC        | WLAN      | 8.69     | ±9.6                   |
| 10706 | AAC | ET40, MCS11 (267.0 Mbps), 89.8% DC        | WLAN      | 8.66     | ±9.6                   |

| UID   | Rev | Communication System Name                        | Group         | PAR (dB) | Unc <sup>E</sup> k = 2 |
|-------|-----|--------------------------------------------------|---------------|----------|------------------------|
| 10707 | AAC | ET40, MCS0 (17.2 Mbps), 99.8% DC                 | WLAN          | 8.32     | ±9.6                   |
| 10708 | AAC | ET40, MCS1 (34.0 Mbps), 99.7% DC                 | WLAN          | 8.55     | ±9.6                   |
| 10709 | AAC | ET40, MCS2 (52.0 Mbps), 99.7% DC                 | WLAN          | 8.33     | ±9.6                   |
| 10710 | AAC | ET40, MCS3 (69.0 Mbps), 99.7% DC                 | WLAN          | 8.29     | ±9.6                   |
| 10711 | AAC | ET40, MCS4 (103.0 Mbps), 99.8% DC                | WLAN          | 8.39     | ±9.6                   |
| 10712 | AAC | ET40, MCS5 (138.0 Mbps), 99.8% DC                | WLAN          | 8.67     | ±9.6                   |
| 10713 | AAC | ET40, MCS6 (155.0 Mbps), 99.8% DC                | WLAN          | 8.33     | ±9.6                   |
| 10714 | AAC | ET40, MCS7 (172.0 Mbps), 99.8% DC                | WLAN          | 8.26     | ±9.6                   |
| 10715 | AAC | ET40, MCS8 (207.0 Mbps), 99.8% DC                | WLAN          | 8.45     | ±9.6                   |
| 10716 | AAC | ET40, MCS9 (229.0 Mbps), 99.8% DC                | WLAN          | 8.30     | ±9.6                   |
| 10717 | AAC | ET40, MCS10 (258.0 Mbps), 99.8% DC               | WLAN          | 8.48     | ±9.6                   |
| 10718 | AAC | ET40, MCS11 (267.0 Mbps), 99.8% DC               | WLAN          | 8.24     | ±9.6                   |
| 10719 | AAC | ET80, MCS0 (36.0 Mbps), 90.0% DC                 | WLAN          | 8.81     | ±9.6                   |
| 10720 | AAC | ET80, MCS1 (72.1 Mbps), 90.0% DC                 | WLAN          | 8.87     | ±9.6                   |
| 10721 | AAC | ET80, MCS2 (108.1 Mbps), 90.0% DC                | WLAN          | 8.76     | ±9.6                   |
| 10722 | AAC | ET80, MCS3 (144.1 Mbps), 90.0% DC                | WLAN          | 8.55     | ±9.6                   |
| 10723 | AAC | ET80, MCS4 (216.2 Mbps), 90.0% DC                | WLAN          | 8.70     | ±9.6                   |
| 10724 | AAC | ET80, MCS5 (288.2 Mbps), 90.0% DC                | WLAN          | 8.90     | ±9.6                   |
| 10725 | AAC | ET80, MCS6 (324.4 Mbps), 90.0% DC                | WLAN          | 8.74     | ±9.6                   |
| 10726 | AAC | ET80, MCS7 (360.3 Mbps), 90.0% DC                | WLAN          | 8.72     | ±9.6                   |
| 10727 | AAC | ET80, MCS8 (432.4 Mbps), 90.0% DC                | WLAN          | 8.66     | ±9.6                   |
| 10728 | AAC | ET80, MCS9 (480.4 Mbps), 90.0% DC                | WLAN          | 8.65     | ±9.6                   |
| 10729 | AAC | ET80, MCS10 (540.4 Mbps), 90.0% DC               | WLAN          | 8.64     | ±9.6                   |
| 10730 | AAC | ET80, MCS11 (72.0 Mbps), 90.0% DC                | WLAN          | 8.67     | ±9.6                   |
| 10731 | AAC | ET80, MCS0 (36.0 Mbps), 100.0% DC                | WLAN          | 8.42     | ±9.6                   |
| 10732 | AAC | ET80, MCS1 (72.1 Mbps), 100.0% DC                | WLAN          | 8.46     | ±9.6                   |
| 10733 | AAC | ET80, MCS2 (108.1 Mbps), 100.0% DC               | WLAN          | 8.40     | ±9.6                   |
| 10734 | AAC | ET80, MCS3 (144.1 Mbps), 100.0% DC               | WLAN          | 8.25     | ±9.6                   |
| 10735 | AAC | ET80, MCS4 (216.2 Mbps), 100.0% DC               | WLAN          | 8.33     | ±9.6                   |
| 10736 | AAC | ET80, MCS5 (288.2 Mbps), 100.0% DC               | WLAN          | 8.27     | ±9.6                   |
| 10737 | AAC | ET80, MCS6 (324.4 Mbps), 100.0% DC               | WLAN          | 8.36     | ±9.6                   |
| 10738 | AAC | ET80, MCS7 (360.3 Mbps), 100.0% DC               | WLAN          | 8.42     | ±9.6                   |
| 10739 | AAC | ET80, MCS8 (432.4 Mbps), 100.0% DC               | WLAN          | 8.29     | ±9.6                   |
| 10740 | AAC | ET80, MCS9 (480.4 Mbps), 100.0% DC               | WLAN          | 8.48     | ±9.6                   |
| 10741 | AAC | ET80, MCS10 (540.4 Mbps), 100.0% DC              | WLAN          | 8.40     | ±9.6                   |
| 10742 | AAC | ET80, MCS11 (600.5 Mbps), 100.0% DC              | WLAN          | 8.43     | ±9.6                   |
| 10743 | AAC | ET160, MCS0 (72.0 Mbps), 88.2% DC                | WLAN          | 8.94     | ±9.6                   |
| 10744 | AAC | ET160, MCS1 (144.0 Mbps), 87.1% DC               | WLAN          | 9.16     | ±9.6                   |
| 10745 | AAC | ET160, MCS2 (216.0 Mbps), 87.4% DC               | WLAN          | 8.93     | ±9.6                   |
| 10746 | AAC | ET160, MCS3 (282.0 Mbps), 87.1% DC               | WLAN          | 9.11     | ±9.6                   |
| 10747 | AAC | ET160, MCS4 (432.0 Mbps), 87.4% DC               | WLAN          | 9.04     | ±9.6                   |
| 10748 | AAC | ET160, MCS5 (576.0 Mbps), 86.8% DC               | WLAN          | 8.93     | ±9.6                   |
| 10749 | AAC | ET160, MCS6 (649.0 Mbps), 86.7% DC               | WLAN          | 8.90     | ±9.6                   |
| 10750 | AAC | ET160, MCS7 (721.0 Mbps), 86.7% DC               | WLAN          | 8.79     | ±9.6                   |
| 10751 | AAC | ET160, MCS8 (865.0 Mbps), 86.3% DC               | WLAN          | 8.82     | ±9.6                   |
| 10752 | AAC | ET160, MCS9 (961.0 Mbps), 86.3% DC               | WLAN          | 8.81     | ±9.6                   |
| 10753 | AAC | ET160, MCS10 (1081.0 Mbps), 86.7% DC             | WLAN          | 9.00     | ±9.6                   |
| 10754 | AAC | ET160, MCS11 (1201.0 Mbps), 86.7% DC             | WLAN          | 8.94     | ±9.6                   |
| 10755 | AAC | ET160, MCS0 (72.0 Mbps), 98.0% DC                | WLAN          | 8.64     | ±9.6                   |
| 10756 | AAC | ET160, MCS1 (144.0 Mbps), 96.8% DC               | WLAN          | 8.77     | ±9.6                   |
| 10757 | AAC | ET160, MCS2 (216.0 Mbps), 97.1% DC               | WLAN          | 8.77     | ±9.6                   |
| 10758 | AAC | ET160, MCS3 (282.0 Mbps), 96.8% DC               | WLAN          | 8.69     | ±9.6                   |
| 10759 | AAC | ET160, MCS4 (432.0 Mbps), 97.1% DC               | WLAN          | 8.58     | ±9.6                   |
| 10760 | AAC | ET160, MCS5 (576.0 Mbps), 96.5% DC               | WLAN          | 8.49     | ±9.6                   |
| 10761 | AAC | ET160, MCS6 (649.0 Mbps), 96.3% DC               | WLAN          | 8.58     | ±9.6                   |
| 10762 | AAC | ET160, MCS7 (721.0 Mbps), 96.3% DC               | WLAN          | 8.49     | ±9.6                   |
| 10763 | AAC | ET160, MCS8 (865.0 Mbps), 95.9% DC               | WLAN          | 8.53     | ±9.6                   |
| 10764 | AAC | ET160, MCS9 (961.0 Mbps), 95.9% DC               | WLAN          | 8.54     | ±9.6                   |
| 10765 | AAC | ET160, MCS10 (1081.0 Mbps), 96.3% DC             | WLAN          | 8.54     | ±9.6                   |
| 10766 | AAC | ET160, MCS11 (1201.0 Mbps), 96.3% DC             | WLAN          | 8.51     | ±9.6                   |
| 10767 | AAG | CP-OFDM, 5.0 MHz, QPSK, 15 kHz, 99.9% DC, 1 RB   | 5G NR FR1 TDD | 7.99     | ±9.6                   |
| 10768 | AAE | CP-OFDM, 10.0 MHz, QPSK, 15 kHz, 100.0% DC, 1 RB | 5G NR FR1 TDD | 8.01     | ±9.6                   |
| 10769 | AAD | CP-OFDM, 15.0 MHz, QPSK, 15 kHz, 100.0% DC, 1 RB | 5G NR FR1 TDD | 8.01     | ±9.6                   |
| 10770 | AAE | CP-OFDM, 20.0 MHz, QPSK, 15 kHz, 100.0% DC, 1 RB | 5G NR FR1 TDD | 8.02     | ±9.6                   |
| 10771 | AAD | CP-OFDM, 25.0 MHz, QPSK, 15 kHz, 100.0% DC, 1 RB | 5G NR FR1 TDD | 8.02     | ±9.6                   |
| 10772 | AAE | CP-OFDM, 30.0 MHz, QPSK, 15 kHz, 100.0% DC, 1 RB | 5G NR FR1 TDD | 8.23     | ±9.6                   |

| UID   | Rev | Communication System Name                            | Group         | PAR (dB) | Unc <sup>F</sup> k = 2 |
|-------|-----|------------------------------------------------------|---------------|----------|------------------------|
| 10773 | AAF | CP-OFDM, 40.0 MHz, QPSK, 15 kHz, 100.0% DC, 1 RB     | 5G NR FR1 TDD | 8.03     | ±9.6                   |
| 10774 | AAE | CP-OFDM, 50.0 MHz, QPSK, 15 kHz, 100.0% DC, 1 RB     | 5G NR FR1 TDD | 8.02     | ±9.6                   |
| 10775 | AAF | CP-OFDM, 5.0 MHz, QPSK, 15 kHz, 100.0% DC, 50% RB    | 5G NR FR1 TDD | 8.31     | ±9.6                   |
| 10776 | AAE | CP-OFDM, 10.0 MHz, QPSK, 15 kHz, 100.0% DC, 50% RB   | 5G NR FR1 TDD | 8.30     | ±9.6                   |
| 10777 | AAC | CP-OFDM, 15.0 MHz, QPSK, 15 kHz, 100.0% DC, 50% RB   | 5G NR FR1 TDD | 8.30     | ±9.6                   |
| 10778 | AAE | CP-OFDM, 20.0 MHz, QPSK, 15 kHz, 100.0% DC, 50% RB   | 5G NR FR1 TDD | 8.34     | ±9.6                   |
| 10779 | AAC | CP-OFDM, 25.0 MHz, QPSK, 15 kHz, 100.0% DC, 50% RB   | 5G NR FR1 TDD | 8.42     | ±9.6                   |
| 10780 | AAE | CP-OFDM, 30.0 MHz, QPSK, 15 kHz, 100.0% DC, 50% RB   | 5G NR FR1 TDD | 8.38     | ±9.6                   |
| 10781 | AAF | CP-OFDM, 40.0 MHz, QPSK, 15 kHz, 100.0% DC, 50% RB   | 5G NR FR1 TDD | 8.38     | ±9.6                   |
| 10782 | AAE | CP-OFDM, 50.0 MHz, QPSK, 15 kHz, 100.0% DC, 50% RB   | 5G NR FR1 TDD | 8.43     | ±9.6                   |
| 10783 | AAG | CP-OFDM, 5.0 MHz, QPSK, 15 kHz, 100.0% DC, 100% RB   | 5G NR FR1 TDD | 8.31     | ±9.6                   |
| 10784 | AAE | CP-OFDM, 10.0 MHz, QPSK, 15 kHz, 100.0% DC, 100% RB  | 5G NR FR1 TDD | 8.29     | ±9.6                   |
| 10785 | AAD | CP-OFDM, 15.0 MHz, QPSK, 15 kHz, 100.0% DC, 100% RB  | 5G NR FR1 TDD | 8.40     | ±9.6                   |
| 10786 | AAE | CP-OFDM, 20.0 MHz, QPSK, 15 kHz, 100.0% DC, 100% RB  | 5G NR FR1 TDD | 8.35     | ±9.6                   |
| 10787 | AAD | CP-OFDM, 25.0 MHz, QPSK, 15 kHz, 100.0% DC, 100% RB  | 5G NR FR1 TDD | 8.44     | ±9.6                   |
| 10788 | AAE | CP-OFDM, 30.0 MHz, QPSK, 15 kHz, 100.0% DC, 100% RB  | 5G NR FR1 TDD | 8.39     | ±9.6                   |
| 10789 | AAF | CP-OFDM, 40.0 MHz, QPSK, 15 kHz, 100.0% DC, 100% RB  | 5G NR FR1 TDD | 8.37     | ±9.6                   |
| 10790 | AAE | CP-OFDM, 50.0 MHz, QPSK, 15 kHz, 100.0% DC, 100% RB  | 5G NR FR1 TDD | 8.39     | ±9.6                   |
| 10791 | AAG | CP-OFDM, 5.0 MHz, QPSK, 30 kHz, 99.9% DC, 1 RB       | 5G NR FR1 TDD | 7.83     | ±9.6                   |
| 10792 | AAE | CP-OFDM, 10.0 MHz, QPSK, 30 kHz, 99.9% DC, 1 RB      | 5G NR FR1 TDD | 7.92     | ±9.6                   |
| 10793 | AAD | CP-OFDM, 15.0 MHz, QPSK, 30 kHz, 100.0% DC, 1 RB     | 5G NR FR1 TDD | 7.95     | ±9.6                   |
| 10794 | AAE | CP-OFDM, 20.0 MHz, QPSK, 30 kHz, 100.0% DC, 1 RB     | 5G NR FR1 TDD | 7.82     | ±9.6                   |
| 10795 | AAD | CP-OFDM, 25.0 MHz, QPSK, 30 kHz, 100.0% DC, 1 RB     | 5G NR FR1 TDD | 7.84     | ±9.6                   |
| 10796 | AAE | CP-OFDM, 30.0 MHz, QPSK, 30 kHz, 100.0% DC, 1 RB     | 5G NR FR1 TDD | 7.82     | ±9.6                   |
| 10797 | AAF | CP-OFDM, 40.0 MHz, QPSK, 30 kHz, 100.0% DC, 1 RB     | 5G NR FR1 TDD | 8.01     | ±9.6                   |
| 10798 | AAE | CP-OFDM, 50.0 MHz, QPSK, 30 kHz, 100.0% DC, 1 RB     | 5G NR FR1 TDD | 7.89     | ±9.6                   |
| 10799 | AAF | CP-OFDM, 60.0 MHz, QPSK, 30 kHz, 100.0% DC, 1 RB     | 5G NR FR1 TDD | 7.93     | ±9.6                   |
| 10801 | AAF | CP-OFDM, 80.0 MHz, QPSK, 30 kHz, 100.0% DC, 1 RB     | 5G NR FR1 TDD | 7.89     | ±9.6                   |
| 10802 | AAE | CP-OFDM, 90.0 MHz, QPSK, 30 kHz, 100.0% DC, 1 RB     | 5G NR FR1 TDD | 7.87     | ±9.6                   |
| 10803 | AAF | CP-OFDM, 100.0 MHz, QPSK, 30 kHz, 100.0% DC, 1 RB    | 5G NR FR1 TDD | 7.93     | ±9.6                   |
| 10805 | AAE | CP-OFDM, 10.0 MHz, QPSK, 30 kHz, 100.0% DC, 50% RB   | 5G NR FR1 TDD | 8.34     | ±9.6                   |
| 10806 | AAD | CP-OFDM, 15.0 MHz, QPSK, 30 kHz, 100.0% DC, 50% RB   | 5G NR FR1 TDD | 8.37     | ±9.6                   |
| 10809 | AAE | CP-OFDM, 30.0 MHz, QPSK, 30 kHz, 100.0% DC, 50% RB   | 5G NR FR1 TDD | 8.34     | ±9.6                   |
| 10810 | AAF | CP-OFDM, 40.0 MHz, QPSK, 30 kHz, 100.0% DC, 50% RB   | 5G NR FR1 TDD | 8.34     | ±9.6                   |
| 10812 | AAF | CP-OFDM, 60.0 MHz, QPSK, 30 kHz, 100.0% DC, 50% RB   | 5G NR FR1 TDD | 8.35     | ±9.6                   |
| 10817 | AAG | CP-OFDM, 5.0 MHz, QPSK, 30 kHz, 100.0% DC, 100% RB   | 5G NR FR1 TDD | 8.35     | ±9.6                   |
| 10818 | AAE | CP-OFDM, 10.0 MHz, QPSK, 30 kHz, 100.0% DC, 100% RB  | 5G NR FR1 TDD | 8.34     | ±9.6                   |
| 10819 | AAD | CP-OFDM, 15.0 MHz, QPSK, 30 kHz, 100.0% DC, 100% RB  | 5G NR FR1 TDD | 8.33     | ±9.6                   |
| 10820 | AAE | CP-OFDM, 20.0 MHz, QPSK, 30 kHz, 100.0% DC, 100% RB  | 5G NR FR1 TDD | 8.30     | ±9.6                   |
| 10821 | AAD | CP-OFDM, 25.0 MHz, QPSK, 30 kHz, 100.0% DC, 100% RB  | 5G NR FR1 TDD | 8.41     | ±9.6                   |
| 10822 | AAE | CP-OFDM, 30.0 MHz, QPSK, 30 kHz, 100.0% DC, 100% RB  | 5G NR FR1 TDD | 8.41     | ±9.6                   |
| 10823 | AAF | CP-OFDM, 40.0 MHz, QPSK, 30 kHz, 100.0% DC, 100% RB  | 5G NR FR1 TDD | 8.36     | ±9.6                   |
| 10824 | AAE | CP-OFDM, 50.0 MHz, QPSK, 30 kHz, 100.0% DC, 100% RB  | 5G NR FR1 TDD | 8.39     | ±9.6                   |
| 10825 | AAF | CP-OFDM, 60.0 MHz, QPSK, 30 kHz, 100.0% DC, 100% RB  | 5G NR FR1 TDD | 8.41     | ±9.6                   |
| 10827 | AAF | CP-OFDM, 80.0 MHz, QPSK, 30 kHz, 100.0% DC, 100% RB  | 5G NR FR1 TDD | 8.42     | ±9.6                   |
| 10828 | AAE | CP-OFDM, 90.0 MHz, QPSK, 30 kHz, 100.0% DC, 100% RB  | 5G NR FR1 TDD | 8.43     | ±9.6                   |
| 10829 | AAF | CP-OFDM, 100.0 MHz, QPSK, 30 kHz, 100.0% DC, 100% RB | 5G NR FR1 TDD | 8.40     | ±9.6                   |
| 10830 | AAE | CP-OFDM, 10.0 MHz, QPSK, 60 kHz, 99.9% DC, 1 RB      | 5G NR FR1 TDD | 7.63     | ±9.6                   |
| 10831 | AAD | CP-OFDM, 15.0 MHz, QPSK, 60 kHz, 99.9% DC, 1 RB      | 5G NR FR1 TDD | 7.73     | ±9.6                   |
| 10832 | AAE | CP-OFDM, 20.0 MHz, QPSK, 60 kHz, 99.9% DC, 1 RB      | 5G NR FR1 TDD | 7.74     | ±9.6                   |
| 10833 | AAD | CP-OFDM, 25.0 MHz, QPSK, 60 kHz, 99.9% DC, 1 RB      | 5G NR FR1 TDD | 7.70     | ±9.6                   |
| 10834 | AAE | CP-OFDM, 30.0 MHz, QPSK, 60 kHz, 100.0% DC, 1 RB     | 5G NR FR1 TDD | 7.75     | ±9.6                   |
| 10835 | AAF | CP-OFDM, 40.0 MHz, QPSK, 60 kHz, 100.0% DC, 1 RB     | 5G NR FR1 TDD | 7.70     | ±9.6                   |
| 10836 | AAE | CP-OFDM, 50.0 MHz, QPSK, 60 kHz, 100.0% DC, 1 RB     | 5G NR FR1 TDD | 7.66     | ±9.6                   |
| 10837 | AAF | CP-OFDM, 60.0 MHz, QPSK, 60 kHz, 100.0% DC, 1 RB     | 5G NR FR1 TDD | 7.68     | ±9.6                   |
| 10839 | AAF | CP-OFDM, 80.0 MHz, QPSK, 60 kHz, 100.0% DC, 1 RB     | 5G NR FR1 TDD | 7.70     | ±9.6                   |
| 10840 | AAE | CP-OFDM, 90.0 MHz, QPSK, 60 kHz, 100.0% DC, 1 RB     | 5G NR FR1 TDD | 7.67     | ±9.6                   |
| 10841 | AAF | CP-OFDM, 100.0 MHz, QPSK, 60 kHz, 100.0% DC, 1 RB    | 5G NR FR1 TDD | 7.71     | ±9.6                   |
| 10843 | AAD | CP-OFDM, 15.0 MHz, QPSK, 60 kHz, 100.0% DC, 50% RB   | 5G NR FR1 TDD | 8.49     | ±9.6                   |
| 10844 | AAE | CP-OFDM, 20.0 MHz, QPSK, 60 kHz, 100.0% DC, 50% RB   | 5G NR FR1 TDD | 8.34     | ±9.6                   |
| 10846 | AAE | CP-OFDM, 30.0 MHz, QPSK, 60 kHz, 100.0% DC, 50% RB   | 5G NR FR1 TDD | 8.41     | ±9.6                   |
| 10854 | AAE | CP-OFDM, 10.0 MHz, QPSK, 60 kHz, 100.0% DC, 100% RB  | 5G NR FR1 TDD | 8.34     | ±9.6                   |
| 10855 | AAD | CP-OFDM, 15.0 MHz, QPSK, 60 kHz, 100.0% DC, 100% RB  | 5G NR FR1 TDD | 8.36     | ±9.6                   |
| 10856 | AAE | CP-OFDM, 20.0 MHz, QPSK, 60 kHz, 100.0% DC, 100% RB  | 5G NR FR1 TDD | 8.37     | ±9.6                   |
| 10857 | AAD | CP-OFDM, 25.0 MHz, QPSK, 60 kHz, 100.0% DC, 100% RB  | 5G NR FR1 TDD | 8.35     | ±9.6                   |
| 10858 | AAE | CP-OFDM, 30.0 MHz, QPSK, 60 kHz, 100.0% DC, 100% RB  | 5G NR FR1 TDD | 8.36     | ±9.6                   |

| UID   | Rev | Communication System Name                                 | Group         | PAR (dB) | Unc <sup>E</sup> k = 2 |
|-------|-----|-----------------------------------------------------------|---------------|----------|------------------------|
| 10859 | AAF | CP-OFDM, 40.0 MHz, QPSK, 60 kHz, 100.0% DC, 100% RB       | 5G NR FR1 TDD | 8.34     | ±9.6                   |
| 10860 | AAE | CP-OFDM, 50.0 MHz, QPSK, 60 kHz, 100.0% DC, 100% RB       | 5G NR FR1 TDD | 8.41     | ±9.6                   |
| 10861 | AAF | CP-OFDM, 60.0 MHz, QPSK, 60 kHz, 100.0% DC, 100% RB       | 5G NR FR1 TDD | 8.40     | ±9.6                   |
| 10863 | AAF | CP-OFDM, 80.0 MHz, QPSK, 60 kHz, 100.0% DC, 100% RB       | 5G NR FR1 TDD | 8.41     | ±9.6                   |
| 10864 | AAE | CP-OFDM, 90.0 MHz, QPSK, 60 kHz, 100.0% DC, 100% RB       | 5G NR FR1 TDD | 8.37     | ±9.6                   |
| 10865 | AAF | CP-OFDM, 100.0 MHz, QPSK, 60 kHz, 100.0% DC, 100% RB      | 5G NR FR1 TDD | 8.41     | ±9.6                   |
| 10866 | AAF | DFT-s-OFDM, 100.0 MHz, QPSK, 30 kHz, 100.0% DC, 1 RB      | 5G NR FR1 TDD | 5.68     | ±9.6                   |
| 10868 | AAF | DFT-s-OFDM, 100.0 MHz, QPSK, 30 kHz, 100.0% DC, 100% RB   | 5G NR FR1 TDD | 5.89     | ±9.6                   |
| 10869 | AAE | DFT-s-OFDM, 100.0 MHz, QPSK, 120 kHz, 100.0% DC, 1 RB     | 5G NR FR2 TDD | 5.75     | ±9.6                   |
| 10870 | AAE | DFT-s-OFDM, 100.0 MHz, QPSK, 120 kHz, 100.0% DC, 100% RB  | 5G NR FR2 TDD | 5.86     | ±9.6                   |
| 10871 | AAE | DFT-s-OFDM, 100.0 MHz, 16QAM, 120 kHz, 100.0% DC, 1 RB    | 5G NR FR2 TDD | 5.75     | ±9.6                   |
| 10872 | AAE | DFT-s-OFDM, 100.0 MHz, 16QAM, 120 kHz, 100.0% DC, 100% RB | 5G NR FR2 TDD | 6.52     | ±9.6                   |
| 10873 | AAE | DFT-s-OFDM, 100.0 MHz, 64QAM, 120 kHz, 100.0% DC, 1 RB    | 5G NR FR2 TDD | 6.61     | ±9.6                   |
| 10874 | AAE | DFT-s-OFDM, 100.0 MHz, 64QAM, 120 kHz, 100.0% DC, 100% RB | 5G NR FR2 TDD | 6.65     | ±9.6                   |
| 10875 | AAE | CP-OFDM, 100.0 MHz, QPSK, 120 kHz, 100.0% DC, 1 RB        | 5G NR FR2 TDD | 7.78     | ±9.6                   |
| 10876 | AAE | CP-OFDM, 100.0 MHz, QPSK, 120 kHz, 100.0% DC, 100% RB     | 5G NR FR2 TDD | 8.39     | ±9.6                   |
| 10877 | AAE | CP-OFDM, 100.0 MHz, 16QAM, 120 kHz, 100.0% DC, 1 RB       | 5G NR FR2 TDD | 7.95     | ±9.6                   |
| 10878 | AAE | CP-OFDM, 100.0 MHz, 16QAM, 120 kHz, 100.0% DC, 100% RB    | 5G NR FR2 TDD | 8.41     | ±9.6                   |
| 10879 | AAE | CP-OFDM, 100.0 MHz, 64QAM, 120 kHz, 100.0% DC, 1 RB       | 5G NR FR2 TDD | 8.12     | ±9.6                   |
| 10880 | AAE | CP-OFDM, 100.0 MHz, 64QAM, 120 kHz, 100.0% DC, 100% RB    | 5G NR FR2 TDD | 8.38     | ±9.6                   |
| 10881 | AAE | DFT-s-OFDM, 50.0 MHz, QPSK, 120 kHz, 100.0% DC, 1 RB      | 5G NR FR2 TDD | 5.75     | ±9.6                   |
| 10882 | AAE | DFT-s-OFDM, 50.0 MHz, QPSK, 120 kHz, 100.0% DC, 100% RB   | 5G NR FR2 TDD | 5.96     | ±9.6                   |
| 10883 | AAE | DFT-s-OFDM, 50.0 MHz, 16QAM, 120 kHz, 100.0% DC, 1 RB     | 5G NR FR2 TDD | 6.57     | ±9.6                   |
| 10884 | AAE | DFT-s-OFDM, 50.0 MHz, 16QAM, 120 kHz, 100.0% DC, 100% RB  | 5G NR FR2 TDD | 6.53     | ±9.6                   |
| 10885 | AAE | DFT-s-OFDM, 50.0 MHz, 64QAM, 120 kHz, 100.0% DC, 1 RB     | 5G NR FR2 TDD | 6.61     | ±9.6                   |
| 10886 | AAE | DFT-s-OFDM, 50.0 MHz, 64QAM, 120 kHz, 100.0% DC, 100% RB  | 5G NR FR2 TDD | 6.65     | ±9.6                   |
| 10887 | AAE | CP-OFDM, 50.0 MHz, QPSK, 120 kHz, 99.9% DC, 1 RB          | 5G NR FR2 TDD | 7.78     | ±9.6                   |
| 10888 | AAE | CP-OFDM, 50.0 MHz, QPSK, 120 kHz, 100.0% DC, 100% RB      | 5G NR FR2 TDD | 8.35     | ±9.6                   |
| 10889 | AAE | CP-OFDM, 50.0 MHz, 16QAM, 120 kHz, 100.0% DC, 1 RB        | 5G NR FR2 TDD | 8.02     | ±9.6                   |
| 10890 | AAE | CP-OFDM, 50.0 MHz, 16QAM, 120 kHz, 100.0% DC, 100% RB     | 5G NR FR2 TDD | 8.40     | ±9.6                   |
| 10891 | AAE | CP-OFDM, 50.0 MHz, 64QAM, 120 kHz, 100.0% DC, 1 RB        | 5G NR FR2 TDD | 8.13     | ±9.6                   |
| 10892 | AAE | CP-OFDM, 50.0 MHz, 64QAM, 120 kHz, 100.0% DC, 100% RB     | 5G NR FR2 TDD | 8.41     | ±9.6                   |
| 10897 | AAE | DFT-s-OFDM, 5.0 MHz, QPSK, 30 kHz, 99.9% DC, 1 RB         | 5G NR FR1 TDD | 5.66     | ±9.6                   |
| 10898 | AAC | DFT-s-OFDM, 10.0 MHz, QPSK, 30 kHz, 100.0% DC, 1 RB       | 5G NR FR1 TDD | 5.67     | ±9.6                   |
| 10899 | AAB | DFT-s-OFDM, 15.0 MHz, QPSK, 30 kHz, 100.0% DC, 1 RB       | 5G NR FR1 TDD | 5.67     | ±9.6                   |
| 10900 | AAC | DFT-s-OFDM, 20.0 MHz, QPSK, 30 kHz, 100.0% DC, 1 RB       | 5G NR FR1 TDD | 5.68     | ±9.6                   |
| 10901 | AAB | DFT-s-OFDM, 25.0 MHz, QPSK, 30 kHz, 100.0% DC, 1 RB       | 5G NR FR1 TDD | 5.68     | ±9.6                   |
| 10902 | AAC | DFT-s-OFDM, 30.0 MHz, QPSK, 30 kHz, 100.0% DC, 1 RB       | 5G NR FR1 TDD | 5.68     | ±9.6                   |
| 10903 | AAD | DFT-s-OFDM, 40.0 MHz, QPSK, 30 kHz, 100.0% DC, 1 RB       | 5G NR FR1 TDD | 5.68     | ±9.6                   |
| 10904 | AAC | DFT-s-OFDM, 50.0 MHz, QPSK, 30 kHz, 100.0% DC, 1 RB       | 5G NR FR1 TDD | 5.68     | ±9.6                   |
| 10905 | AAD | DFT-s-OFDM, 60.0 MHz, QPSK, 30 kHz, 100.0% DC, 1 RB       | 5G NR FR1 TDD | 5.68     | ±9.6                   |
| 10906 | AAD | DFT-s-OFDM, 80.0 MHz, QPSK, 30 kHz, 100.0% DC, 1 RB       | 5G NR FR1 TDD | 5.68     | ±9.6                   |
| 10907 | AAE | DFT-s-OFDM, 5.0 MHz, QPSK, 30 kHz, 100.0% DC, 50% RB      | 5G NR FR1 TDD | 5.78     | ±9.6                   |
| 10908 | AAC | DFT-s-OFDM, 10.0 MHz, QPSK, 30 kHz, 100.0% DC, 50% RB     | 5G NR FR1 TDD | 5.93     | ±9.6                   |
| 10909 | AAB | DFT-s-OFDM, 15.0 MHz, QPSK, 30 kHz, 100.0% DC, 50% RB     | 5G NR FR1 TDD | 5.96     | ±9.6                   |
| 10910 | AAC | DFT-s-OFDM, 20.0 MHz, QPSK, 30 kHz, 100.0% DC, 50% RB     | 5G NR FR1 TDD | 5.83     | ±9.6                   |
| 10911 | AAB | DFT-s-OFDM, 25.0 MHz, QPSK, 30 kHz, 100.0% DC, 50% RB     | 5G NR FR1 TDD | 5.93     | ±9.6                   |
| 10912 | AAC | DFT-s-OFDM, 30.0 MHz, QPSK, 30 kHz, 100.0% DC, 50% RB     | 5G NR FR1 TDD | 5.84     | ±9.6                   |
| 10913 | AAD | DFT-s-OFDM, 40.0 MHz, QPSK, 30 kHz, 100.0% DC, 50% RB     | 5G NR FR1 TDD | 5.84     | ±9.6                   |
| 10914 | AAC | DFT-s-OFDM, 50.0 MHz, QPSK, 30 kHz, 100.0% DC, 50% RB     | 5G NR FR1 TDD | 5.85     | ±9.6                   |
| 10915 | AAD | DFT-s-OFDM, 60.0 MHz, QPSK, 30 kHz, 100.0% DC, 50% RB     | 5G NR FR1 TDD | 5.83     | ±9.6                   |
| 10916 | AAD | DFT-s-OFDM, 80.0 MHz, QPSK, 30 kHz, 100.0% DC, 50% RB     | 5G NR FR1 TDD | 5.87     | ±9.6                   |
| 10917 | AAD | DFT-s-OFDM, 100.0 MHz, QPSK, 30 kHz, 100.0% DC, 50% RB    | 5G NR FR1 TDD | 5.94     | ±9.6                   |
| 10918 | AAE | DFT-s-OFDM, 5.0 MHz, QPSK, 30 kHz, 100.0% DC, 100% RB     | 5G NR FR1 TDD | 5.86     | ±9.6                   |
| 10919 | AAC | DFT-s-OFDM, 10.0 MHz, QPSK, 30 kHz, 100.0% DC, 100% RB    | 5G NR FR1 TDD | 5.86     | ±9.6                   |
| 10920 | AAB | DFT-s-OFDM, 15.0 MHz, QPSK, 30 kHz, 100.0% DC, 100% RB    | 5G NR FR1 TDD | 5.87     | ±9.6                   |
| 10921 | AAC | DFT-s-OFDM, 20.0 MHz, QPSK, 30 kHz, 100.0% DC, 100% RB    | 5G NR FR1 TDD | 5.84     | ±9.6                   |
| 10922 | AAB | DFT-s-OFDM, 25.0 MHz, QPSK, 30 kHz, 100.0% DC, 100% RB    | 5G NR FR1 TDD | 5.82     | ±9.6                   |
| 10923 | AAC | DFT-s-OFDM, 30.0 MHz, QPSK, 30 kHz, 100.0% DC, 100% RB    | 5G NR FR1 TDD | 5.84     | ±9.6                   |
| 10924 | AAD | DFT-s-OFDM, 40.0 MHz, QPSK, 30 kHz, 100.0% DC, 100% RB    | 5G NR FR1 TDD | 5.84     | ±9.6                   |
| 10925 | AAC | DFT-s-OFDM, 50.0 MHz, QPSK, 30 kHz, 100.0% DC, 100% RB    | 5G NR FR1 TDD | 5.95     | ±9.6                   |
| 10926 | AAD | DFT-s-OFDM, 60.0 MHz, QPSK, 30 kHz, 100.0% DC, 100% RB    | 5G NR FR1 TDD | 5.84     | ±9.6                   |
| 10927 | AAD | DFT-s-OFDM, 80.0 MHz, QPSK, 30 kHz, 100.0% DC, 100% RB    | 5G NR FR1 TDD | 5.94     | ±9.6                   |
| 10928 | AAD | DFT-s-OFDM, 5.0 MHz, QPSK, 15 kHz, 1 RB                   | 5G NR FR1 FDD | 5.52     | ±9.6                   |
| 10929 | AAD | DFT-s-OFDM, 10.0 MHz, QPSK, 15 kHz, 1 RB                  | 5G NR FR1 FDD | 5.52     | ±9.6                   |
| 10930 | AAC | DFT-s-OFDM, 15.0 MHz, QPSK, 15 kHz, 1 RB                  | 5G NR FR1 FDD | 5.52     | ±9.6                   |

| UID   | Rev | Communication System Name                   | Group         | PAR (dB) | Unc <sup>E</sup> $k = 2$ |
|-------|-----|---------------------------------------------|---------------|----------|--------------------------|
| 10931 | AAC | DFT-s-OFDM, 20.0 MHz, QPSK, 15 kHz, 1 RB    | 5G NR FR1 FDD | 5.51     | ±9.6                     |
| 10932 | AAC | DFT-s-OFDM, 25.0 MHz, QPSK, 15 kHz, 1 RB    | 5G NR FR1 FDD | 5.51     | ±9.6                     |
| 10933 | AAC | DFT-s-OFDM, 30.0 MHz, QPSK, 15 kHz, 1 RB    | 5G NR FR1 FDD | 5.51     | ±9.6                     |
| 10934 | AAC | DFT-s-OFDM, 40.0 MHz, QPSK, 15 kHz, 1 RB    | 5G NR FR1 FDD | 5.51     | ±9.6                     |
| 10935 | AAD | DFT-s-OFDM, 50.0 MHz, QPSK, 15 kHz, 1 RB    | 5G NR FR1 FDD | 5.51     | ±9.6                     |
| 10936 | AAD | DFT-s-OFDM, 5.0 MHz, QPSK, 15 kHz, 50% RB   | 5G NR FR1 FDD | 5.90     | ±9.6                     |
| 10937 | AAD | DFT-s-OFDM, 10.0 MHz, QPSK, 15 kHz, 50% RB  | 5G NR FR1 FDD | 5.77     | ±9.6                     |
| 10938 | AAC | DFT-s-OFDM, 15.0 MHz, QPSK, 15 kHz, 50% RB  | 5G NR FR1 FDD | 5.90     | ±9.6                     |
| 10939 | AAC | DFT-s-OFDM, 20.0 MHz, QPSK, 15 kHz, 50% RB  | 5G NR FR1 FDD | 5.82     | ±9.6                     |
| 10940 | AAC | DFT-s-OFDM, 25.0 MHz, QPSK, 15 kHz, 50% RB  | 5G NR FR1 FDD | 5.89     | ±9.6                     |
| 10941 | AAC | DFT-s-OFDM, 30.0 MHz, QPSK, 15 kHz, 50% RB  | 5G NR FR1 FDD | 5.83     | ±9.6                     |
| 10942 | AAC | DFT-s-OFDM, 40.0 MHz, QPSK, 15 kHz, 50% RB  | 5G NR FR1 FDD | 5.85     | ±9.6                     |
| 10943 | AAD | DFT-s-OFDM, 50.0 MHz, QPSK, 15 kHz, 50% RB  | 5G NR FR1 FDD | 5.95     | ±9.6                     |
| 10944 | AAD | DFT-s-OFDM, 5.0 MHz, QPSK, 15 kHz, 100% RB  | 5G NR FR1 FDD | 5.81     | ±9.6                     |
| 10945 | AAD | DFT-s-OFDM, 10.0 MHz, QPSK, 15 kHz, 100% RB | 5G NR FR1 FDD | 5.85     | ±9.6                     |
| 10946 | AAC | DFT-s-OFDM, 15.0 MHz, QPSK, 15 kHz, 100% RB | 5G NR FR1 FDD | 5.83     | ±9.6                     |
| 10947 | AAC | DFT-s-OFDM, 20.0 MHz, QPSK, 15 kHz, 100% RB | 5G NR FR1 FDD | 5.87     | ±9.6                     |
| 10948 | AAC | DFT-s-OFDM, 25.0 MHz, QPSK, 15 kHz, 100% RB | 5G NR FR1 FDD | 5.94     | ±9.6                     |
| 10949 | AAC | DFT-s-OFDM, 30.0 MHz, QPSK, 15 kHz, 100% RB | 5G NR FR1 FDD | 5.87     | ±9.6                     |
| 10950 | AAC | DFT-s-OFDM, 40.0 MHz, QPSK, 15 kHz, 100% RB | 5G NR FR1 FDD | 5.94     | ±9.6                     |
| 10951 | AAD | DFT-s-OFDM, 50.0 MHz, QPSK, 15 kHz, 100% RB | 5G NR FR1 FDD | 5.92     | ±9.6                     |
| 10978 | AAA | BDR, 1.0 MHz, 76.7% DC                      | ULLA          | 1.16     | ±9.6                     |
| 10979 | AAA | HDR4, 2.0 MHz, 25.1% DC                     | ULLA          | 8.58     | ±9.6                     |
| 10980 | AAA | HDR8, 4.0 MHz, 16.5% DC                     | ULLA          | 10.32    | ±9.6                     |
| 10981 | AAA | HDRp4, 2.0 MHz, 89.0% DC                    | ULLA          | 3.19     | ±9.6                     |
| 10982 | AAA | HDRp8, 4.0 MHz, 90.3% DC                    | ULLA          | 3.43     | ±9.6                     |
| 11013 | AAB | EHT320, MCS1 (272.0 Mbps), 100.0% DC        | WLAN          | 8.47     | ±9.6                     |
| 11014 | AAB | EHT320, MCS2 (408.0 Mbps), 100.0% DC        | WLAN          | 8.45     | ±9.6                     |
| 11015 | AAB | EHT320, MCS3 (544.0 Mbps), 100.0% DC        | WLAN          | 8.44     | ±9.6                     |
| 11016 | AAB | EHT320, MCS4 (817.0 Mbps), 100.0% DC        | WLAN          | 8.44     | ±9.6                     |
| 11017 | AAB | EHT320, MCS5 (1089.0 Mbps), 100.0% DC       | WLAN          | 8.41     | ±9.6                     |
| 11018 | AAB | EHT320, MCS6 (1225.0 Mbps), 100.0% DC       | WLAN          | 8.40     | ±9.6                     |
| 11019 | AAB | EHT320, MCS7 (1361.0 Mbps), 100.0% DC       | WLAN          | 8.29     | ±9.6                     |
| 11020 | AAB | EHT320, MCS8 (1633.0 Mbps), 100.0% DC       | WLAN          | 8.27     | ±9.6                     |
| 11021 | AAB | EHT320, MCS9 (1815.0 Mbps), 100.0% DC       | WLAN          | 8.46     | ±9.6                     |
| 11022 | AAB | EHT320, MCS10 (2042.0 Mbps), 100.0% DC      | WLAN          | 8.36     | ±9.6                     |
| 11023 | AAB | EHT320, MCS11 (2269.0 Mbps), 100.0% DC      | WLAN          | 8.09     | ±9.6                     |
| 11024 | AAB | EHT320, MCS12 (2450.0 Mbps), 100.0% DC      | WLAN          | 8.42     | ±9.6                     |
| 11025 | AAB | EHT320, MCS13 (2722.0 Mbps), 100.0% DC      | WLAN          | 8.37     | ±9.6                     |
| 11026 | AAB | EHT320, MCS0 (136.0 Mbps), 100.0% DC        | WLAN          | 8.39     | ±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.



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Accreditation No.: SCS 0108

Client

B.V. ADT  
Taoyuan City

Certificate No.

EX-7696\_Sep25

## CALIBRATION CERTIFICATE

Object EX3DV4 - SN:7696

Calibration procedure(s) QA CAL-01.v10, QA CAL-12.v10, QA CAL-14.v7, QA CAL-23.v6,  
QA CAL-25.v8  
Calibration procedure for dosimetric E-field probes

Calibration date September 11, 2025

This calibration certificate documents the traceability to national standards, which realize the physical units of measurements (SI).  
The measurements and the uncertainties with confidence probability are given on the following pages and are part of the certificate.

All calibrations have been conducted in the closed laboratory facility: environment temperature  $(22 \pm 3)^\circ\text{C}$  and humidity  $< 70\%$ .

Calibration Equipment used (M&TE critical for calibration)

| Primary Standards           | ID         | Calibration Date (Certificate No.)     | Sched. Cal. |
|-----------------------------|------------|----------------------------------------|-------------|
| Power Sensor R&S NRP-33T    | SN: 100967 | 30-Apr-25 (No. 1020-300791789)         | Apr-26      |
| N-type mismatch combination | SN: L1119  | 26-Mar-25 (No. 217-04292)              | Mar-26      |
| OCP DAK-12                  | SN: 1016   | 24-Sept-24 (No. OCP-DAK12-1016_Sep24)  | Sep-25      |
| OCP DAK-3.5                 | SN: 1249   | 23-Sept-24 (No. OCP-DAK3.5-1249_Sep24) | Sep-25      |
| Reference Probe EX3DV4      | SN: 7349   | 10-Jan-25 (No. EX3-7349_Jan25)         | Jan-26      |
| DAE4                        | SN: 1301   | 07-Nov-24 (No. DAE4-1301_Nov24)        | Nov-25      |

| Secondary Standards | ID        | Check Date (in house)                            | Sched. Check |
|---------------------|-----------|--------------------------------------------------|--------------|
| ACAP 2020 Setup 1   | SN: L1404 | 30-Sept-24 (No. Report_ACAP2020E-Cave_20240930s) | Sep-25       |
| OCP DAK-12          | SN: 1029  | 27-Feb-25 (No. OCP-DAK12-1029_Feb25)             | Feb-26       |
| OCP DAK-3.5         | SN: 1336  | 09-Dec-24 (No. OCP-DAK3.5-1336_Dec24)            | Dec-25       |

|               | Name            | Function              | Signature                                                                             |
|---------------|-----------------|-----------------------|---------------------------------------------------------------------------------------|
| Calibrated by | Jeffrey Katzman | Laboratory Technician |  |
| Approved by   | Sven Kühn       | Technical Manager     |  |

Issued: September 11, 2025

This calibration certificate shall not be reproduced except in full without written approval of the laboratory.

## Calibration Laboratory of

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## Glossary

|                          |                                                                                                                                                      |
|--------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------|
| TSL                      | tissue simulating liquid                                                                                                                             |
| NORM <sub>x,y,z</sub>    | sensitivity in free space                                                                                                                            |
| ConvF                    | sensitivity in TSL / NORM <sub>x,y,z</sub>                                                                                                           |
| DCP                      | diode compression point                                                                                                                              |
| CF                       | crest factor (1/duty_cycle) of the RF signal                                                                                                         |
| A, B, C, D               | modulation dependent linearization parameters                                                                                                        |
| Polarization $\varphi$   | $\varphi$ rotation around probe axis                                                                                                                 |
| Polarization $\vartheta$ | $\vartheta$ rotation around an axis that is in the plane normal to probe axis (at measurement center), i.e., $\vartheta = 0$ is normal to probe axis |
| Connector Angle          | information used in DASY system to align probe sensor X to the robot coordinate system                                                               |

## Calibration is Performed According to the Following Standards:

- IEC/IEEE 62209-1528, "Measurement Procedure For The Assessment Of Specific Absorption Rate Of Human Exposure To Radio Frequency Fields From Hand-Held And Body-Worn Wireless Communication Devices – Part 1528: Human Models, Instrumentation And Procedures (Frequency Range of 4 MHz to 10 GHz)", October 2020.
- KDB 865664, "SAR Measurement Requirements for 100 MHz to 6 GHz"

## Methods Applied and Interpretation of Parameters:

- NORM<sub>x,y,z</sub>**: Assessed for E-field polarization  $\vartheta = 0$  ( $f \leq 900$  MHz in TEM-cell;  $f > 1800$  MHz: R22 waveguide). NORM<sub>x,y,z</sub> are only intermediate values, i.e., the uncertainties of NORM<sub>x,y,z</sub> does not affect the E<sup>2</sup>-field uncertainty inside TSL (see below ConvF).
- NORM(f)<sub>x,y,z</sub>** = NORM<sub>x,y,z</sub> \* frequency\_response (see Frequency Response Chart). This linearization is implemented in DASY4 software versions later than 4.2. The uncertainty of the frequency response is included in the stated uncertainty of ConvF.
- DCP<sub>x,y,z</sub>**: DCP are numerical linearization parameters assessed based on the data of power sweep with CW signal. DCP does not depend on frequency nor media.
- PAR**: PAR is the Peak to Average Ratio that is not calibrated but determined based on the signal characteristics
- A<sub>x,y,z</sub>; B<sub>x,y,z</sub>; C<sub>x,y,z</sub>; D<sub>x,y,z</sub>; VR<sub>x,y,z</sub>**: A, B, C, D are numerical linearization parameters assessed based on the data of power sweep for specific modulation signal. The parameters do not depend on frequency nor media. VR is the maximum calibration range expressed in RMS voltage across the diode.
- ConvF and Boundary Effect Parameters**: Assessed in flat phantom using E-field (or Temperature Transfer Standard for  $f \leq 800$  MHz) and inside waveguide using analytical field distributions based on power measurements for  $f > 800$  MHz. The same setups are used for assessment of the parameters applied for boundary compensation (alpha, depth) of which typical uncertainty values are given. These parameters are used in DASY4 software to improve probe accuracy close to the boundary. The sensitivity in TSL corresponds to NORM<sub>x,y,z</sub> \* ConvF whereby the uncertainty corresponds to that given for ConvF. A frequency dependent ConvF is used in DASY version 4.4 and higher which allows extending the validity from  $\pm 50$  MHz to  $\pm 100$  MHz.
- Spherical isotropy (3D deviation from isotropy)**: in a field of low gradients realized using a flat phantom exposed by a patch antenna.
- Sensor Offset**: The sensor offset corresponds to the offset of virtual measurement center from the probe tip (on probe axis). No tolerance required.
- Connector Angle**: The angle is assessed using the information gained by determining the NORM<sub>x</sub> (no uncertainty required).

## Parameters of Probe: EX3DV4 - SN:7696

### Basic Calibration Parameters

|                                                           | Sensor X | Sensor Y | Sensor Z | Unc ( $k = 2$ ) |
|-----------------------------------------------------------|----------|----------|----------|-----------------|
| Norm ( $\mu\text{V}/(\text{V}/\text{m})^2$ ) <sup>A</sup> | 0.63     | 0.63     | 0.67     | $\pm 10.1\%$    |
| DCP (mV) <sup>B</sup>                                     | 105.6    | 105.7    | 108.1    | $\pm 4.7\%$     |

### 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     | Continuous Wave                | X | 0.00    | 0.00                         | 1.00  | 0.00    | 143.9    | $\pm 0.9\%$ | $\pm 4.7\%$                        |
|       |                                | Y | 0.00    | 0.00                         | 1.00  |         | 122.3    |             |                                    |
|       |                                | Z | 0.00    | 0.00                         | 1.00  |         | 149.3    |             |                                    |
| 10352 | Pulse (D=10%, T=5 ms)          | X | 0.20    | 70.00                        | 19.52 | 10.00   | 23.0     | $\pm 2.2\%$ | $\pm 9.6\%$                        |
|       |                                | Y | 0.47    | 70.00                        | 18.56 |         | 24.0     |             |                                    |
|       |                                | Z | 0.28    | 70.00                        | 19.11 |         | 24.0     |             |                                    |
| 10353 | Pulse (D=20%, T=5 ms)          | X | 0.18    | 73.01                        | 19.55 | 6.99    | 47.0     | $\pm 1.7\%$ | $\pm 9.6\%$                        |
|       |                                | Y | 0.44    | 73.01                        | 18.61 |         | 48.0     |             |                                    |
|       |                                | Z | 0.26    | 73.01                        | 19.16 |         | 47.0     |             |                                    |
| 10354 | Pulse (D=40%, T=5 ms)          | X | 0.17    | 76.02                        | 19.58 | 3.98    | 93.0     | $\pm 1.4\%$ | $\pm 9.6\%$                        |
|       |                                | Y | 0.41    | 76.02                        | 18.66 |         | 95.0     |             |                                    |
|       |                                | Z | 0.24    | 76.02                        | 19.21 |         | 94.0     |             |                                    |
| 10355 | Pulse (D=60%, T=5 ms)          | X | 0.17    | 77.78                        | 19.60 | 2.22    | 140.0    | $\pm 1.3\%$ | $\pm 9.6\%$                        |
|       |                                | Y | 0.39    | 77.78                        | 18.69 |         | 143.0    |             |                                    |
|       |                                | Z | 0.23    | 77.78                        | 19.23 |         | 141.0    |             |                                    |
| 10387 | Random (BW=1 MHz, MOD=QPSK)    | X | 0.00    | 74.90                        | 20.63 | 0.13    | 110.0    | $\pm 1.4\%$ | $\pm 9.6\%$                        |
|       |                                | Y | 0.00    | 74.90                        | 19.67 |         | 112.0    |             |                                    |
|       |                                | Z | 0.00    | 74.90                        | 20.34 |         | 111.0    |             |                                    |
| 10388 | Random (BW=10 MHz, MOD=QPSK)   | X | 1.72    | 74.78                        | 17.43 | 0.00    | 116.0    | $\pm 2.4\%$ | $\pm 9.6\%$                        |
|       |                                | Y | 1.81    | 74.78                        | 17.57 |         | 119.0    |             |                                    |
|       |                                | Z | 1.72    | 74.78                        | 17.38 |         | 117.0    |             |                                    |
| 10396 | Random (BW=100 kHz, MOD=64QAM) | X | 0.00    | 73.73                        | 22.80 | 1.88    | 81.0     | $\pm 5.3\%$ | $\pm 9.6\%$                        |
|       |                                | Y | 0.30    | 80.92                        | 21.30 |         | 83.0     |             |                                    |
|       |                                | Z | 0.00    | 73.73                        | 22.39 |         | 82.0     |             |                                    |
| 10399 | Random (BW=40 MHz, MOD=64QAM)  | X | 3.97    | 73.73                        | 17.26 | 0.00    | 108.0    | $\pm 3.7\%$ | $\pm 9.6\%$                        |
|       |                                | Y | 3.94    | 73.73                        | 17.47 |         | 111.0    |             |                                    |
|       |                                | Z | 3.92    | 73.73                        | 17.21 |         | 109.0    |             |                                    |
| 10414 | Random (BW=40 MHz, HIGH PAR)   | X | 5.02    | 71.46                        | 17.26 | 0.00    | 80.0     | $\pm 1.7\%$ | $\pm 9.6\%$                        |
|       |                                | Y | 4.94    | 71.46                        | 17.47 |         | 82.0     |             |                                    |
|       |                                | Z | 4.94    | 71.46                        | 17.21 |         | 81.0     |             |                                    |

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 Pages 5 and 6).

<sup>B</sup> Linearization parameter uncertainty for maximum specified field strength.

<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.

Parameters of Probe: EX3DV4 - SN:7696

Sensor Model Parameters

|   | C1<br>fF | C2<br>fF | $\alpha$<br>$V^{-1}$ | T1<br>$msV^{-2}$ | T2<br>$msV^{-1}$ | T3<br>ms | T4<br>$V^{-2}$ | T5<br>$V^{-1}$ | T6   |
|---|----------|----------|----------------------|------------------|------------------|----------|----------------|----------------|------|
| x | 12.4     | 91.72    | 35.05                | 4.02             | 0.00             | 4.90     | 0.58           | 0.00           | 1.00 |
| y | 12.0     | 88.38    | 34.67                | 2.69             | 0.00             | 4.90     | 0.00           | 0.03           | 1.01 |
| z | 11.6     | 85.13    | 34.14                | 4.41             | 0.00             | 4.90     | 0.46           | 0.00           | 1.00 |

Other Probe Parameters

|                                               |            |
|-----------------------------------------------|------------|
| Sensor Arrangement                            | Triangular |
| Connector Angle                               | -63.3°     |
| Mechanical Surface Detection Mode             | enabled    |
| Optical Surface Detection Mode                | disabled   |
| Probe Overall Length                          | 337 mm     |
| Probe Body Diameter                           | 12 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     |

Note: Measurement distance from surface can be increased to 3–4 mm for an *Area Scan* job.

## Parameters of Probe: EX3DV4 - SN:7696

### Calibration Parameter Determined in HSL

| f (MHz) <sup>C</sup> | Relative Permittivity <sup>F</sup> | Conductivity <sup>F</sup> (S/m) | ConvF X | ConvF Y | ConvF Z | Alpha <sup>G</sup> | Depth <sup>G</sup> (mm) | Unc <sup>H</sup> (k = 2) |
|----------------------|------------------------------------|---------------------------------|---------|---------|---------|--------------------|-------------------------|--------------------------|
| 750                  | 41.9                               | 0.89                            | 9.72    | 10.36   | 9.90    | 0.36               | 1.27                    | ±11.0%                   |
| 835                  | 41.5                               | 0.90                            | 9.56    | 10.19   | 9.73    | 0.35               | 1.27                    | ±11.0%                   |
| 1750                 | 40.1                               | 1.37                            | 8.00    | 8.52    | 8.14    | 0.35               | 1.27                    | ±11.0%                   |
| 1900                 | 40.0                               | 1.40                            | 7.73    | 8.24    | 7.87    | 0.35               | 1.27                    | ±11.0%                   |
| 2000                 | 40.0                               | 1.40                            | 7.64    | 8.14    | 7.78    | 0.35               | 1.27                    | ±11.0%                   |
| 2300                 | 39.5                               | 1.67                            | 7.34    | 7.82    | 7.47    | 0.35               | 1.27                    | ±11.0%                   |
| 2450                 | 39.2                               | 1.80                            | 7.14    | 7.61    | 7.27    | 0.35               | 1.27                    | ±11.0%                   |
| 2600                 | 39.0                               | 1.96                            | 6.99    | 7.44    | 7.11    | 0.35               | 1.27                    | ±11.0%                   |
| 3300                 | 38.2                               | 2.71                            | 6.68    | 7.12    | 6.80    | 0.35               | 1.27                    | ±13.1%                   |
| 3500                 | 37.9                               | 2.91                            | 6.58    | 7.01    | 6.70    | 0.35               | 1.27                    | ±13.1%                   |
| 3700                 | 37.7                               | 3.12                            | 6.51    | 6.94    | 6.63    | 0.35               | 1.27                    | ±13.1%                   |
| 4800                 | 36.4                               | 4.25                            | 5.90    | 6.29    | 6.01    | 0.35               | 1.27                    | ±13.1%                   |
| 4950                 | 36.3                               | 4.40                            | 5.79    | 6.17    | 5.89    | 0.33               | 1.27                    | ±13.1%                   |
| 5250                 | 35.9                               | 4.71                            | 5.46    | 5.81    | 5.55    | 0.31               | 1.27                    | ±13.1%                   |
| 5600                 | 35.5                               | 5.07                            | 5.10    | 5.44    | 5.19    | 0.28               | 1.27                    | ±13.1%                   |
| 5800                 | 35.3                               | 5.27                            | 4.93    | 5.25    | 5.02    | 0.26               | 1.27                    | ±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> The probes are calibrated using tissue simulating liquids (TSL) that deviate for  $\epsilon$  and  $\sigma$  by less than ±5% from the target values (typically better than ±3%) and are valid for TSL with deviations of up to ±10% if SAR correction is applied.

<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.

<sup>H</sup> The stated uncertainty is the total calibration uncertainty (k = 2) of Norm-ConvF. This is equivalent to the uncertainty component with the symbol CF in Table 9 of IEC/IEEE 62209-1528:2020.

Parameters of Probe: EX3DV4 - SN:7696

Calibration Parameter Determined in HSL

| f (MHz) <sup>C</sup> | Relative Permittivity <sup>F</sup> | Conductivity <sup>F</sup> (S/m) | ConvF X | ConvF Y | ConvF Z | Alpha <sup>G</sup> | Depth <sup>G</sup> (mm) | Unc <sup>H</sup> (k = 2) |
|----------------------|------------------------------------|---------------------------------|---------|---------|---------|--------------------|-------------------------|--------------------------|
| 6500                 | 34.5                               | 6.07                            | 5.25    | 5.59    | 5.34    | 0.20               | 1.27                    | ±18.6%                   |

<sup>C</sup> Frequency validity is -600/+700 MHz at 6.5 GHz, ±700 MHz at or above 7 GHz, and ±150 MHz at 9.85 GHz. The uncertainty is the RSS of the ConvF uncertainty at calibration frequency and the uncertainty for the indicated frequency band.

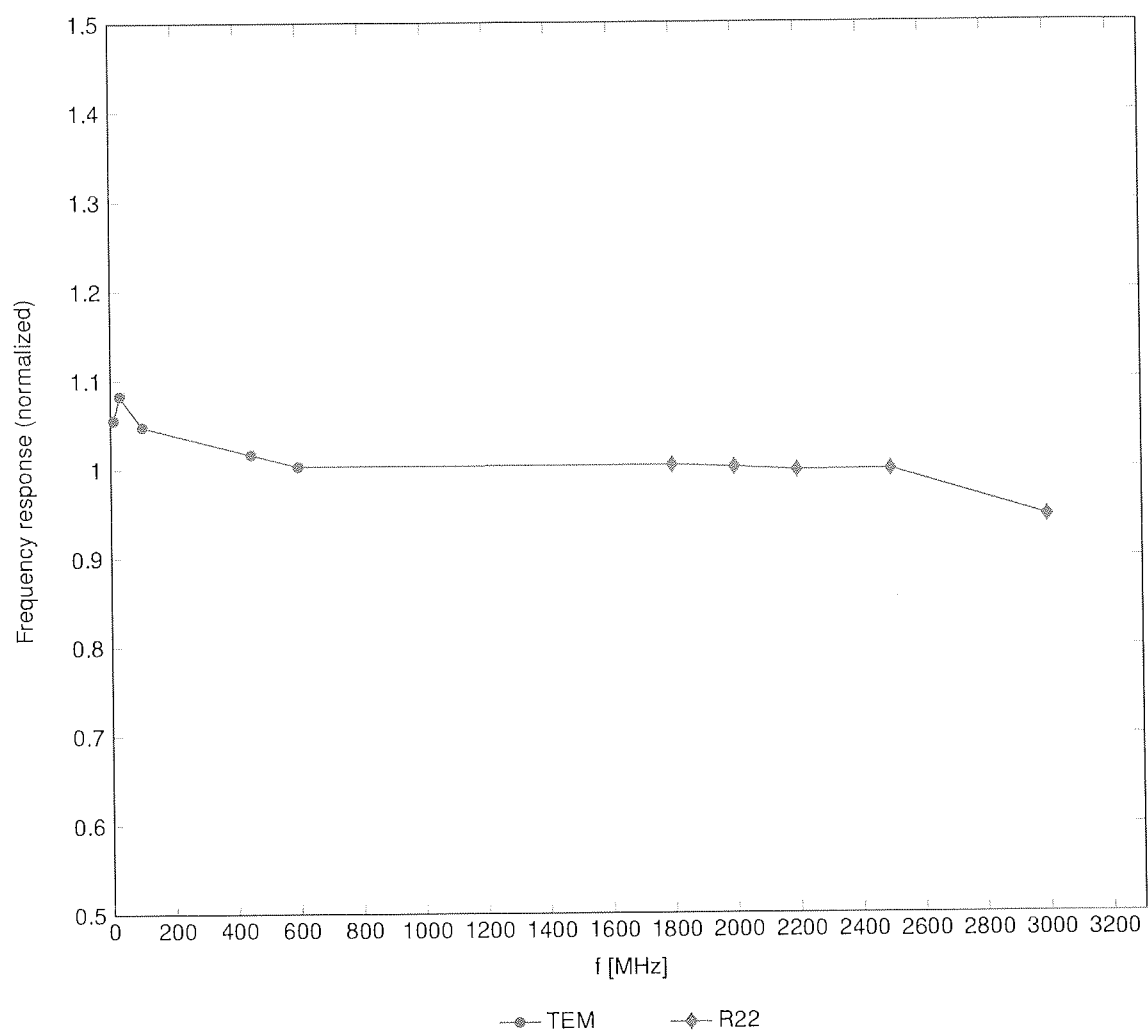
<sup>F</sup> The probes are calibrated using tissue simulating liquids (TSL) that deviate for  $\epsilon$  and  $\sigma$  by less than ±10% from the target values (typically better than ±6%) and are valid for TSL with deviations of up to ±10%.

<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; below ±2% for frequencies between 3–6 GHz; and below ±4% for frequencies between 6–10 GHz at any distance larger than half the probe tip diameter from the boundary.

<sup>H</sup> The stated uncertainty is the total calibration uncertainty (k = 2) of Norm-ConvF. This is equivalent to the uncertainty component with the symbol CF in Table 9 of IEC/IEEE 62209-1528:2020.

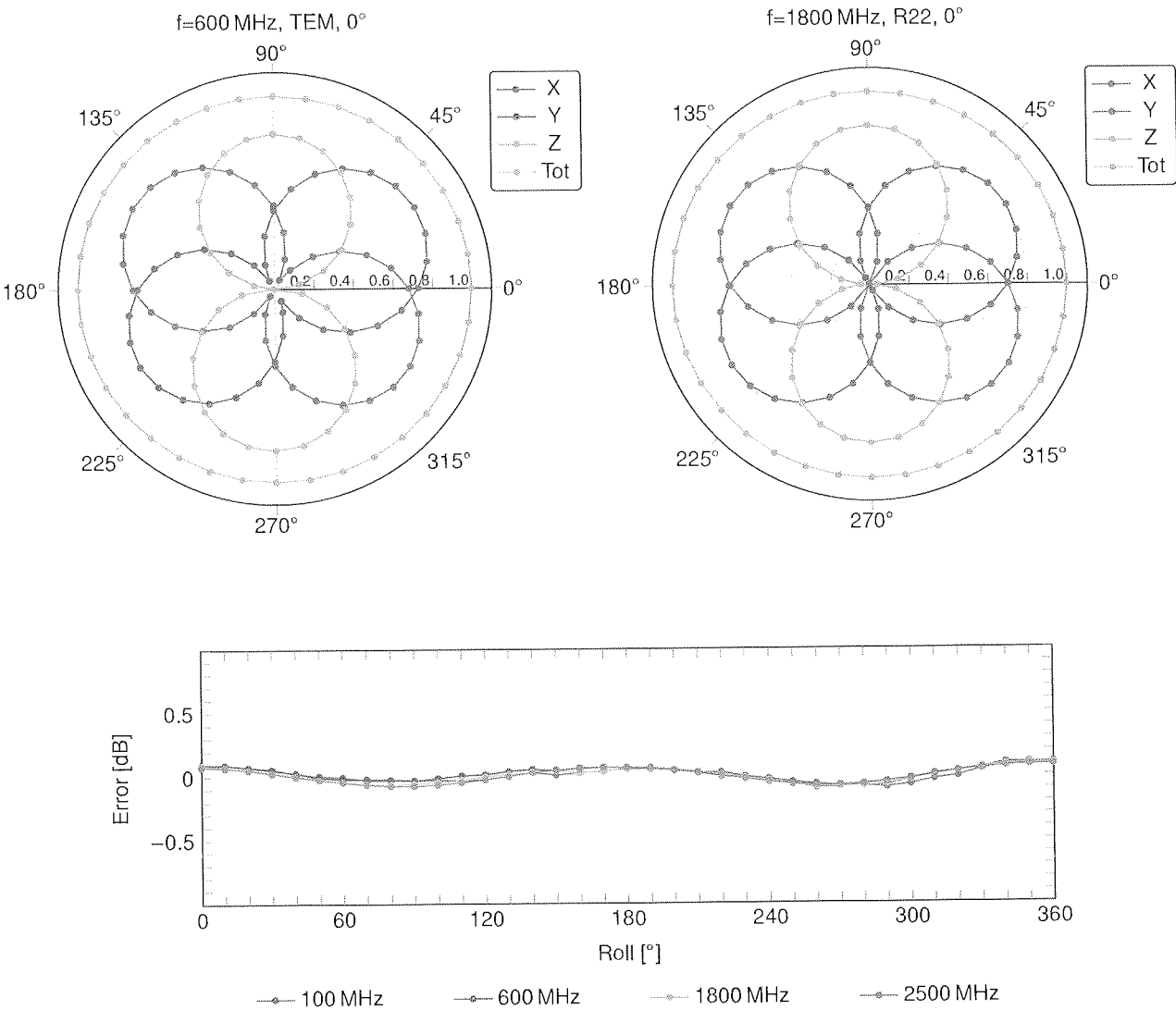
## Frequency Response of E-Field

(TEM-Cell:ifi110 EXX, Waveguide:R22)



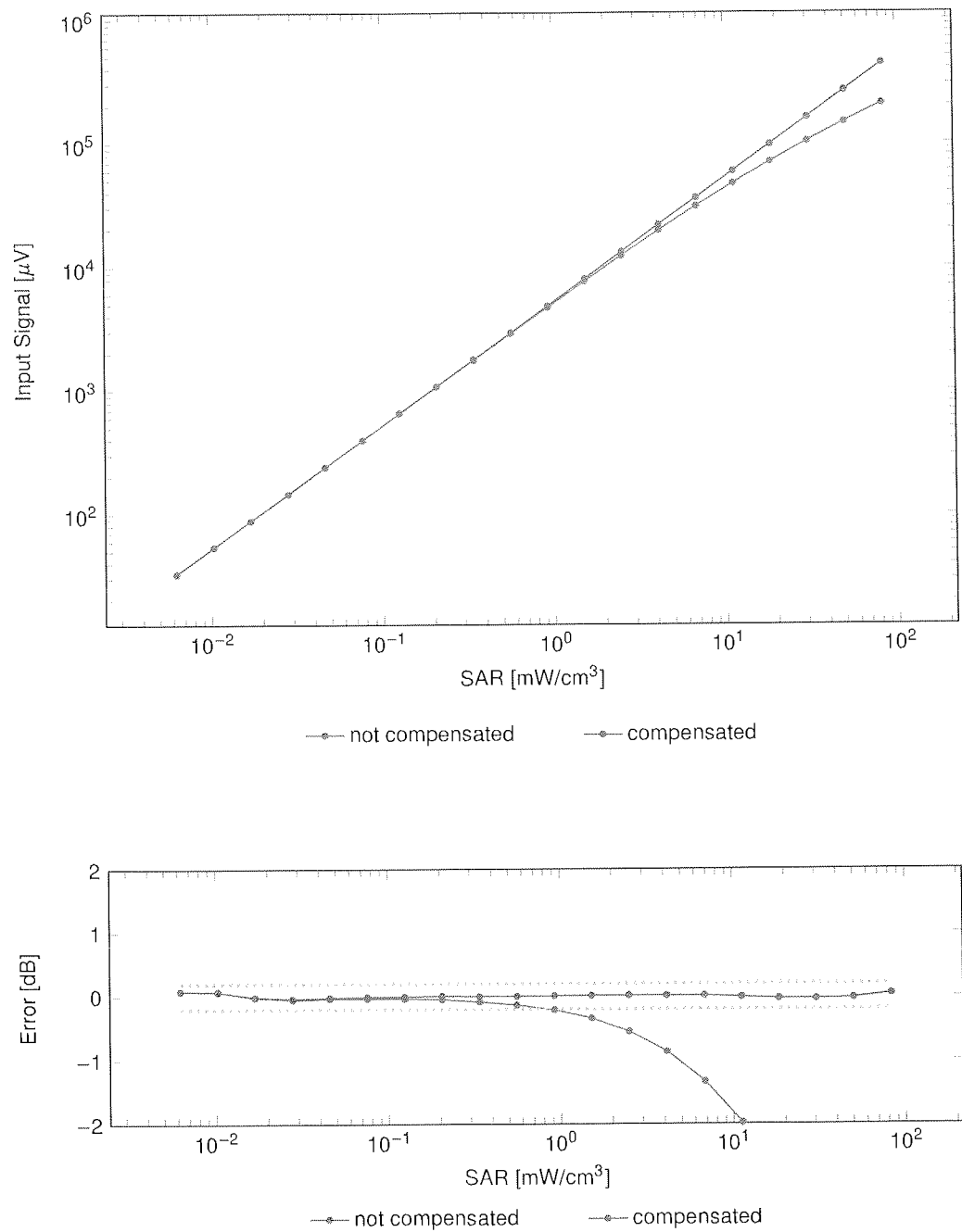
Uncertainty of Frequency Response of E-field:  $\pm 6.3\%$  ( $k=2$ )

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



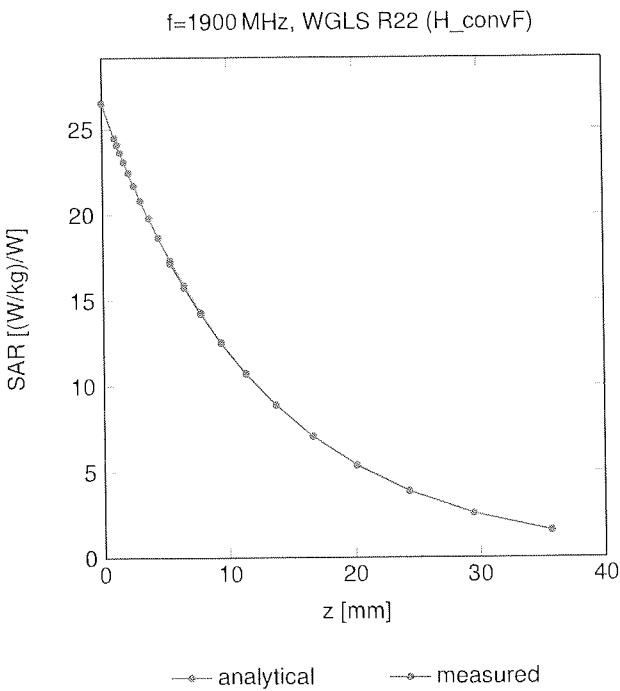
Uncertainty of Axial Isotropy Assessment:  $\pm 0.5\%$  ( $k=2$ )

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

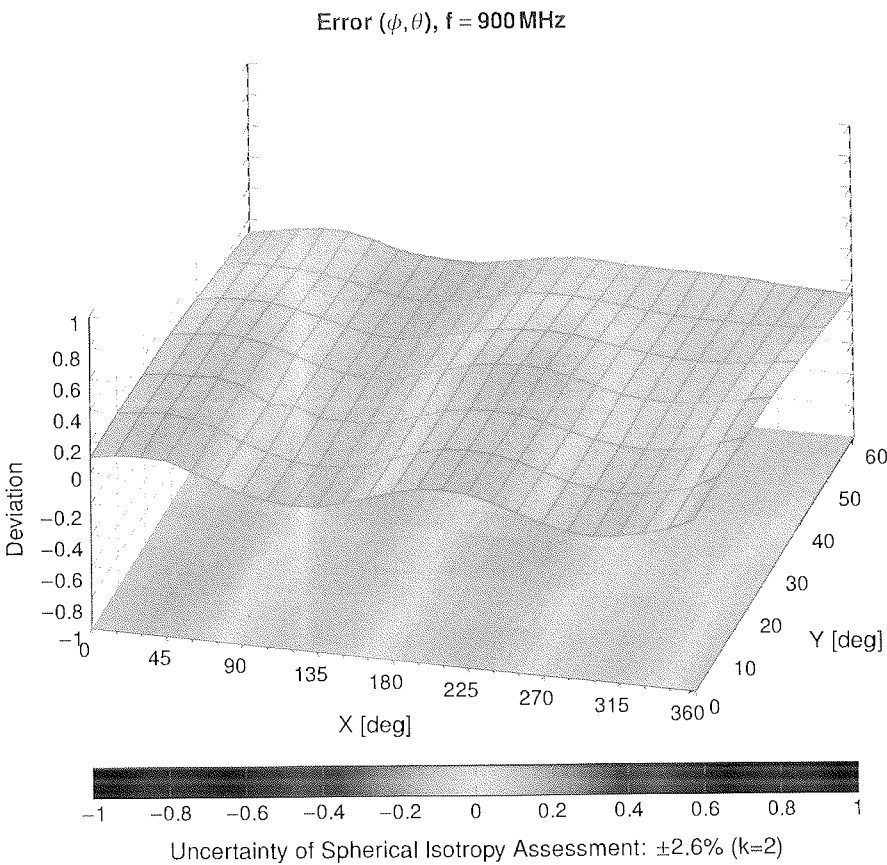


Uncertainty of Linearity Assessment:  $\pm 0.6\%$  ( $k=2$ )

Conversion Factor Assessment



Deviation from Isotropy in Liquid



## Appendix: Modulation Calibration Parameters

| UID   | Rev | Communication System Name                      | Group     | PAR (dB) | Unc <sup>E</sup> k = 2 |
|-------|-----|------------------------------------------------|-----------|----------|------------------------|
| 0     |     | Continuous Wave                                | CW        | 0.00     | ±4.7                   |
| 10010 | CAB | Pulse (D=10%, T=100 ms)                        | Test      | 10.00    | ±9.6                   |
| 10011 | CAC | Rel. 99, RMC, QPSK, 5.0 MHz                    | WCDMA     | 2.91     | ±9.6                   |
| 10012 | CAB | DSSS, DBPSK, 1.0 Mbps, 92.5% DC                | WLAN      | 1.87     | ±9.6                   |
| 10013 | CAB | OFDM, BPSK, 6.0 Mbps, 72.1% DC                 | WLAN      | 9.46     | ±9.6                   |
| 10021 | DAC | Voice, GMSK, 1 slot(s)                         | GSM       | 9.39     | ±9.6                   |
| 10023 | DAC | Data, GMSK, 1 slot(s)                          | GSM       | 9.57     | ±9.6                   |
| 10024 | DAC | Data, GMSK, 2 slot(s)                          | GSM       | 6.56     | ±9.6                   |
| 10025 | DAC | Data, 8PSK, 1 slot(s)                          | GSM       | 12.62    | ±9.6                   |
| 10026 | DAC | Data, 8PSK, 2 slot(s)                          | GSM       | 9.55     | ±9.6                   |
| 10027 | DAC | Data, GMSK, 3 slot(s)                          | GSM       | 4.80     | ±9.6                   |
| 10028 | DAC | Data, GMSK, 4 slot(s)                          | GSM       | 3.55     | ±9.6                   |
| 10029 | DAC | Data, 8PSK, 3 slot(s)                          | GSM       | 7.78     | ±9.6                   |
| 10030 | CAA | BR, DH1, GFSK                                  | Bluetooth | 5.30     | ±9.6                   |
| 10031 | CAA | BR, DH3, GFSK                                  | Bluetooth | 1.87     | ±9.6                   |
| 10032 | CAA | BR, DH5, GFSK                                  | Bluetooth | 1.16     | ±9.6                   |
| 10033 | CAA | EDR, DH1, pi/4-DQPSK                           | Bluetooth | 7.74     | ±9.6                   |
| 10034 | CAA | EDR, DH3, pi/4-DQPSK                           | Bluetooth | 4.53     | ±9.6                   |
| 10035 | CAA | EDR, DH5, pi/4-DQPSK                           | Bluetooth | 3.83     | ±9.6                   |
| 10036 | CAA | EDR, DH1, 8-DPSK                               | Bluetooth | 8.01     | ±9.6                   |
| 10037 | CAA | EDR, DH3, 8-DPSK                               | Bluetooth | 4.77     | ±9.6                   |
| 10038 | CAA | EDR, DH5, 8-DPSK                               | Bluetooth | 4.10     | ±9.6                   |
| 10039 | CAB | RC1, 1xRTT                                     | CDMA2000  | 4.57     | ±9.6                   |
| 10048 | CAA | Full Slot, GFSK, 1 slot(s)                     | DECT      | 13.80    | ±9.6                   |
| 10049 | CAA | Double Slot, GFSK, 2 slot(s)                   | DECT      | 10.79    | ±9.6                   |
| 10056 | CAA | TD-SCDMA, QPSK, 1.6 MHz                        | TD-SCDMA  | 11.01    | ±9.6                   |
| 10058 | DAC | Data, 8PSK, 4 slot(s)                          | GSM       | 6.52     | ±9.6                   |
| 10059 | CAB | DSSS, DQPSK, 2.0 Mbps, 87.4% DC                | WLAN      | 2.12     | ±9.6                   |
| 10060 | CAB | HR-DSSS, DQPSK, 5.5 Mbps, 72.7% DC             | WLAN      | 2.83     | ±9.6                   |
| 10061 | CAB | HR-DSSS, DQPSK, 11.0 Mbps, 57.5% DC            | WLAN      | 3.60     | ±9.6                   |
| 10062 | CAE | OFDM, BPSK, 6.0 Mbps, 89.1% DC                 | WLAN      | 8.68     | ±9.6                   |
| 10063 | CAE | OFDM, BPSK, 9.0 Mbps, 85.3% DC                 | WLAN      | 8.63     | ±9.6                   |
| 10064 | CAE | OFDM, QPSK, 12.0 Mbps, 82.0% DC                | WLAN      | 9.09     | ±9.6                   |
| 10065 | CAE | OFDM, QPSK, 18.0 Mbps, 76.0% DC                | WLAN      | 9.00     | ±9.6                   |
| 10066 | CAE | OFDM, 16QAM, 24.0 Mbps, 70.6% DC               | WLAN      | 9.38     | ±9.6                   |
| 10067 | CAE | OFDM, 16QAM, 36.0 Mbps, 62.9% DC               | WLAN      | 10.12    | ±9.6                   |
| 10068 | CAE | OFDM, 64QAM, 48.0 Mbps, 56.6% DC               | WLAN      | 10.24    | ±9.6                   |
| 10069 | CAE | OFDM, 64QAM, 54.0 Mbps, 54.4% DC               | WLAN      | 10.56    | ±9.6                   |
| 10071 | CAB | OFDM, BPSK, 9.0 Mbps, 65.1% DC                 | WLAN      | 9.83     | ±9.6                   |
| 10072 | CAB | OFDM, QPSK, 12.0 Mbps, 60.1% DC                | WLAN      | 9.62     | ±9.6                   |
| 10073 | CAB | OFDM, QPSK, 18.0 Mbps, 53.1% DC                | WLAN      | 9.94     | ±9.6                   |
| 10074 | CAB | OFDM, 16QAM, 24.0 Mbps, 48.5% DC               | WLAN      | 10.30    | ±9.6                   |
| 10075 | CAB | OFDM, 16QAM, 36.0 Mbps, 42.9% DC               | WLAN      | 10.77    | ±9.6                   |
| 10076 | CAB | OFDM, 64QAM, 48.0 Mbps, 39.5% DC               | WLAN      | 10.94    | ±9.6                   |
| 10077 | CAB | OFDM, 64QAM, 54.0 Mbps, 38.5% DC               | WLAN      | 11.00    | ±9.6                   |
| 10081 | CAB | RC3, 1xRTT                                     | CDMA2000  | 3.97     | ±9.6                   |
| 10097 | CAC | Rel. 5 HSDPA, QPSK, 5.0 MHz                    | WCDMA     | 3.98     | ±9.6                   |
| 10098 | CAC | Rel. 6 HSUPA, Subset 2, QPSK, 5.0 MHz          | WCDMA     | 3.98     | ±9.6                   |
| 10100 | CAF | 20.0 MHz, QPSK, 100% RB                        | LTE-FDD   | 5.67     | ±9.6                   |
| 10101 | CAF | 20.0 MHz, 16QAM, 100% RB                       | LTE-FDD   | 6.42     | ±9.6                   |
| 10102 | CAF | 20.0 MHz, 64QAM, 100% RB                       | LTE-FDD   | 6.60     | ±9.6                   |
| 10103 | CAH | 20.0 MHz, QPSK, UL/DL CFG: 1, SSC: 4, 100% RB  | LTE-TDD   | 9.29     | ±9.6                   |
| 10104 | CAH | 20.0 MHz, 16QAM, UL/DL CFG: 1, SSC: 4, 100% RB | LTE-TDD   | 9.97     | ±9.6                   |
| 10105 | CAH | 20.0 MHz, 64QAM, UL/DL CFG: 1, SSC: 4, 100% RB | LTE-TDD   | 10.01    | ±9.6                   |
| 10108 | CAH | 10.0 MHz, QPSK, 100% RB                        | LTE-FDD   | 5.80     | ±9.6                   |
| 10109 | CAH | 10.0 MHz, 16QAM, 100% RB                       | LTE-FDD   | 6.43     | ±9.6                   |
| 10110 | CAH | 5.0 MHz, QPSK, 100% RB                         | LTE-FDD   | 5.75     | ±9.6                   |
| 10111 | CAH | 5.0 MHz, 16QAM, 100% RB                        | LTE-FDD   | 6.44     | ±9.6                   |
| 10112 | CAH | 10.0 MHz, 64QAM, 100% RB                       | LTE-FDD   | 6.59     | ±9.6                   |
| 10113 | CAH | 5.0 MHz, 64QAM, 100% RB                        | LTE-FDD   | 6.62     | ±9.6                   |
| 10114 | CAE | HT40 Greenfield, MCS0 (13.5 Mbps), 99.7% DC    | WLAN      | 8.10     | ±9.6                   |
| 10115 | CAE | HT40 Greenfield, MCS4 (81.0 Mbps), 99.7% DC    | WLAN      | 8.46     | ±9.6                   |
| 10116 | CAE | HT40 Greenfield, MCS7 (135.0 Mbps), 99.7% DC   | WLAN      | 8.15     | ±9.6                   |

| UID   | Rev | Communication System Name                     | Group   | PAR (dB) | Unc <sup>E</sup> k = 2 |
|-------|-----|-----------------------------------------------|---------|----------|------------------------|
| 10117 | CAE | HT40 Mixed, MCS0 (13.5 Mbps), 99.7% DC        | WLAN    | 8.07     | ±9.6                   |
| 10118 | CAE | HT40 Mixed, MCS4 (81.0 Mbps), 99.7% DC        | WLAN    | 8.59     | ±9.6                   |
| 10119 | CAE | HT40 Mixed, MCS7 (135.0 Mbps), 99.7% DC       | WLAN    | 8.13     | ±9.6                   |
| 10140 | CAF | 15.0 MHz, 16QAM, 100% RB                      | LTE-FDD | 6.49     | ±9.6                   |
| 10141 | CAF | 15.0 MHz, 64QAM, 100% RB                      | LTE-FDD | 6.53     | ±9.6                   |
| 10142 | CAF | 3.0 MHz, QPSK, 100% RB                        | LTE-FDD | 5.73     | ±9.6                   |
| 10143 | CAF | 3.0 MHz, 16QAM, 100% RB                       | LTE-FDD | 6.35     | ±9.6                   |
| 10144 | CAF | 3.0 MHz, 64QAM, 100% RB                       | LTE-FDD | 6.65     | ±9.6                   |
| 10145 | CAG | 1.4 MHz, QPSK, 100% RB                        | LTE-FDD | 5.76     | ±9.6                   |
| 10146 | CAG | 1.4 MHz, 16QAM, 100% RB                       | LTE-FDD | 6.41     | ±9.6                   |
| 10147 | CAG | 1.4 MHz, 64QAM, 100% RB                       | LTE-FDD | 6.72     | ±9.6                   |
| 10149 | CAF | 20.0 MHz, 16QAM, 50% RB                       | LTE-FDD | 6.42     | ±9.6                   |
| 10150 | CAF | 20.0 MHz, 64QAM, 50% RB                       | LTE-FDD | 6.60     | ±9.6                   |
| 10151 | CAH | 20.0 MHz, QPSK, UL/DL CFG: 1, SSC: 4, 50% RB  | LTE-TDD | 9.28     | ±9.6                   |
| 10152 | CAH | 20.0 MHz, 16QAM, UL/DL CFG: 1, SSC: 4, 50% RB | LTE-TDD | 9.92     | ±9.6                   |
| 10153 | CAH | 20.0 MHz, 64QAM, UL/DL CFG: 1, SSC: 4, 50% RB | LTE-TDD | 10.05    | ±9.6                   |
| 10154 | CAH | 10.0 MHz, QPSK, 50% RB                        | LTE-FDD | 5.75     | ±9.6                   |
| 10155 | CAH | 10.0 MHz, 16QAM, 50% RB                       | LTE-FDD | 6.43     | ±9.6                   |
| 10156 | CAH | 5.0 MHz, QPSK, 50% RB                         | LTE-FDD | 5.79     | ±9.6                   |
| 10157 | CAH | 5.0 MHz, 16QAM, 50% RB                        | LTE-FDD | 6.49     | ±9.6                   |
| 10158 | CAH | 10.0 MHz, 64QAM, 50% RB                       | LTE-FDD | 6.62     | ±9.6                   |
| 10159 | CAH | 5.0 MHz, 64QAM, 50% RB                        | LTE-FDD | 6.56     | ±9.6                   |
| 10160 | CAF | 15.0 MHz, QPSK, 50% RB                        | LTE-FDD | 5.82     | ±9.6                   |
| 10161 | CAF | 15.0 MHz, 16QAM, 50% RB                       | LTE-FDD | 6.43     | ±9.6                   |
| 10162 | CAF | 15.0 MHz, 64QAM, 50% RB                       | LTE-FDD | 6.58     | ±9.6                   |
| 10166 | CAG | 1.4 MHz, QPSK, 50% RB                         | LTE-FDD | 5.46     | ±9.6                   |
| 10167 | CAG | 1.4 MHz, 16QAM, 50% RB                        | LTE-FDD | 6.21     | ±9.6                   |
| 10168 | CAG | 1.4 MHz, 64QAM, 50% RB                        | LTE-FDD | 6.79     | ±9.6                   |
| 10169 | CAF | 20.0 MHz, QPSK, 1 RB                          | LTE-FDD | 5.73     | ±9.6                   |
| 10170 | CAF | 20.0 MHz, 16QAM, 1 RB                         | LTE-FDD | 6.52     | ±9.6                   |
| 10171 | AAF | 20.0 MHz, 64QAM, 1 RB                         | LTE-FDD | 6.49     | ±9.6                   |
| 10172 | CAH | 20.0 MHz, QPSK, UL/DL CFG: 1, SSC: 4, 1 RB    | LTE-TDD | 9.21     | ±9.6                   |
| 10173 | CAH | 20.0 MHz, 16QAM, UL/DL CFG: 1, SSC: 4, 1 RB   | LTE-TDD | 9.48     | ±9.6                   |
| 10174 | CAH | 20.0 MHz, 64QAM, UL/DL CFG: 1, SSC: 4, 1 RB   | LTE-TDD | 10.25    | ±9.6                   |
| 10175 | CAH | 10.0 MHz, QPSK, 1 RB                          | LTE-FDD | 5.72     | ±9.6                   |
| 10176 | CAH | 10.0 MHz, 16QAM, 1 RB                         | LTE-FDD | 6.52     | ±9.6                   |
| 10177 | CAJ | 5.0 MHz, QPSK, 1 RB                           | LTE-FDD | 5.73     | ±9.6                   |
| 10178 | CAH | 5.0 MHz, 16QAM, 1 RB                          | LTE-FDD | 6.52     | ±9.6                   |
| 10179 | CAH | 10.0 MHz, 64QAM, 1 RB                         | LTE-FDD | 6.50     | ±9.6                   |
| 10180 | CAH | 5.0 MHz, 64QAM, 1 RB                          | LTE-FDD | 6.50     | ±9.6                   |
| 10181 | CAF | 15.0 MHz, QPSK, 1 RB                          | LTE-FDD | 5.72     | ±9.6                   |
| 10182 | CAF | 15.0 MHz, 16QAM, 1 RB                         | LTE-FDD | 6.52     | ±9.6                   |
| 10183 | AAE | 15.0 MHz, 64QAM, 1 RB                         | LTE-FDD | 6.50     | ±9.6                   |
| 10184 | CAF | 3.0 MHz, QPSK, 1 RB                           | LTE-FDD | 5.73     | ±9.6                   |
| 10185 | CAF | 3.0 MHz, 16QAM, 1 RB                          | LTE-FDD | 6.51     | ±9.6                   |
| 10186 | AAF | 3.0 MHz, 64QAM, 1 RB                          | LTE-FDD | 6.50     | ±9.6                   |
| 10187 | CAG | 1.4 MHz, QPSK, 1 RB                           | LTE-FDD | 5.73     | ±9.6                   |
| 10188 | CAG | 1.4 MHz, 16QAM, 1 RB                          | LTE-FDD | 6.52     | ±9.6                   |
| 10189 | AAG | 1.4 MHz, 64QAM, 1 RB                          | LTE-FDD | 6.50     | ±9.6                   |
| 10193 | CAE | HT20 Greenfield, MCS0 (6.5 Mbps), 99.4% DC    | WLAN    | 8.09     | ±9.6                   |
| 10194 | CAE | HT20 Greenfield, MCS4 (39.0 Mbps), 99.5% DC   | WLAN    | 8.12     | ±9.6                   |
| 10195 | CAE | HT20 Greenfield, MCS7 (65.0 Mbps), 99.5% DC   | WLAN    | 8.21     | ±9.6                   |
| 10196 | CAE | HT20 Mixed, MCS0 (6.5 Mbps), 99.4% DC         | WLAN    | 8.10     | ±9.6                   |
| 10197 | CAE | HT20 Mixed, MCS4 (39.0 Mbps), 99.5% DC        | WLAN    | 8.13     | ±9.6                   |
| 10198 | CAE | HT20 Mixed, MCS7 (65.0 Mbps), 99.5% DC        | WLAN    | 8.27     | ±9.6                   |
| 10219 | CAE | HT20 Mixed, MCS0 (7.2 Mbps), 99.3% DC         | WLAN    | 8.03     | ±9.6                   |
| 10220 | CAE | HT20 Mixed, MCS4 (43.3 Mbps), 99.4% DC        | WLAN    | 8.13     | ±9.6                   |
| 10221 | CAE | HT20 Mixed, MCS7 (72.2 Mbps), 99.4% DC        | WLAN    | 8.27     | ±9.6                   |
| 10222 | CAE | HT40 Mixed, MCS0 (15.0 Mbps), 99.7% DC        | WLAN    | 8.06     | ±9.6                   |
| 10223 | CAE | HT40 Mixed, MCS4 (90.0 Mbps), 99.7% DC        | WLAN    | 8.48     | ±9.6                   |
| 10224 | CAE | HT40 Mixed, MCS7 (150.0 Mbps), 99.7% DC       | WLAN    | 8.08     | ±9.6                   |
| 10225 | CAC | Rel. 7 HSPA+, 16QAM, 5.0 MHz                  | WCDMA   | 5.97     | ±9.6                   |
| 10226 | CAC | 1.4 MHz, 16QAM, UL/DL CFG: 1, SSC: 4, 1 RB    | LTE-TDD | 9.49     | ±9.6                   |
| 10227 | CAC | 1.4 MHz, 64QAM, UL/DL CFG: 1, SSC: 4, 1 RB    | LTE-TDD | 10.26    | ±9.6                   |
| 10228 | CAC | 1.4 MHz, QPSK, UL/DL CFG: 1, SSC: 4, 1 RB     | LTE-TDD | 9.22     | ±9.6                   |
| 10229 | CAE | 3.0 MHz, 16QAM, UL/DL CFG: 1, SSC: 4, 1 RB    | LTE-TDD | 9.48     | ±9.6                   |

| UID   | Rev | Communication System Name                        | Group    | PAR (dB) | Unc <sup>E</sup> k = 2 |
|-------|-----|--------------------------------------------------|----------|----------|------------------------|
| 10230 | CAE | 3.0 MHz, 64QAM, UL/DL CFG: 1, SSC: 4, 1 RB       | LTE-TDD  | 10.25    | ±9.6                   |
| 10231 | CAE | 3.0 MHz, QPSK, UL/DL CFG: 1, SSC: 4, 1 RB        | LTE-TDD  | 9.19     | ±9.6                   |
| 10232 | CAH | 5.0 MHz, 16QAM, UL/DL CFG: 1, SSC: 4, 1 RB       | LTE-TDD  | 9.48     | ±9.6                   |
| 10233 | CAH | 5.0 MHz, 64QAM, UL/DL CFG: 1, SSC: 4, 1 RB       | LTE-TDD  | 10.25    | ±9.6                   |
| 10234 | CAH | 5.0 MHz, QPSK, UL/DL CFG: 1, SSC: 4, 1 RB        | LTE-TDD  | 9.21     | ±9.6                   |
| 10235 | CAH | 10.0 MHz, 16QAM, UL/DL CFG: 1, SSC: 4, 1 RB      | LTE-TDD  | 9.48     | ±9.6                   |
| 10236 | CAH | 10.0 MHz, 64QAM, UL/DL CFG: 1, SSC: 4, 1 RB      | LTE-TDD  | 10.25    | ±9.6                   |
| 10237 | CAH | 10.0 MHz, QPSK, UL/DL CFG: 1, SSC: 4, 1 RB       | LTE-TDD  | 9.21     | ±9.6                   |
| 10238 | CAG | 15.0 MHz, 16QAM, UL/DL CFG: 1, SSC: 4, 1 RB      | LTE-TDD  | 9.48     | ±9.6                   |
| 10239 | CAG | 15.0 MHz, 64QAM, UL/DL CFG: 1, SSC: 4, 1 RB      | LTE-TDD  | 10.25    | ±9.6                   |
| 10240 | CAG | 15.0 MHz, QPSK, UL/DL CFG: 1, SSC: 4, 1 RB       | LTE-TDD  | 9.21     | ±9.6                   |
| 10241 | CAC | 1.4 MHz, 16QAM, UL/DL CFG: 1, SSC: 4, 50% RB     | LTE-TDD  | 9.82     | ±9.6                   |
| 10242 | CAC | 1.4 MHz, 64QAM, UL/DL CFG: 1, SSC: 4, 50% RB     | LTE-TDD  | 9.86     | ±9.6                   |
| 10243 | CAC | 1.4 MHz, QPSK, UL/DL CFG: 1, SSC: 4, 50% RB      | LTE-TDD  | 9.46     | ±9.6                   |
| 10244 | CAE | 3.0 MHz, 16QAM, UL/DL CFG: 1, SSC: 4, 50% RB     | LTE-TDD  | 10.06    | ±9.6                   |
| 10245 | CAE | 3.0 MHz, 64QAM, UL/DL CFG: 1, SSC: 4, 50% RB     | LTE-TDD  | 10.06    | ±9.6                   |
| 10246 | CAE | 3.0 MHz, QPSK, UL/DL CFG: 1, SSC: 4, 50% RB      | LTE-TDD  | 9.30     | ±9.6                   |
| 10247 | CAH | 5.0 MHz, 16QAM, UL/DL CFG: 1, SSC: 4, 50% RB     | LTE-TDD  | 9.91     | ±9.6                   |
| 10248 | CAH | 5.0 MHz, 64QAM, UL/DL CFG: 1, SSC: 4, 50% RB     | LTE-TDD  | 10.09    | ±9.6                   |
| 10249 | CAH | 5.0 MHz, QPSK, UL/DL CFG: 1, SSC: 4, 50% RB      | LTE-TDD  | 9.29     | ±9.6                   |
| 10250 | CAH | 10.0 MHz, 16QAM, UL/DL CFG: 1, SSC: 4, 50% RB    | LTE-TDD  | 9.81     | ±9.6                   |
| 10251 | CAH | 10.0 MHz, 64QAM, UL/DL CFG: 1, SSC: 4, 50% RB    | LTE-TDD  | 10.17    | ±9.6                   |
| 10252 | CAH | 10.0 MHz, QPSK, UL/DL CFG: 1, SSC: 4, 50% RB     | LTE-TDD  | 9.24     | ±9.6                   |
| 10253 | CAG | 15.0 MHz, 16QAM, UL/DL CFG: 1, SSC: 4, 50% RB    | LTE-TDD  | 9.90     | ±9.6                   |
| 10254 | CAG | 15.0 MHz, 64QAM, UL/DL CFG: 1, SSC: 4, 50% RB    | LTE-TDD  | 10.14    | ±9.6                   |
| 10255 | CAG | 15.0 MHz, QPSK, UL/DL CFG: 1, SSC: 4, 50% RB     | LTE-TDD  | 9.20     | ±9.6                   |
| 10256 | CAC | 1.4 MHz, 16QAM, UL/DL CFG: 1, SSC: 4, 100% RB    | LTE-TDD  | 9.96     | ±9.6                   |
| 10257 | CAC | 1.4 MHz, 64QAM, UL/DL CFG: 1, SSC: 4, 100% RB    | LTE-TDD  | 10.08    | ±9.6                   |
| 10258 | CAC | 1.4 MHz, QPSK, UL/DL CFG: 1, SSC: 4, 100% RB     | LTE-TDD  | 9.34     | ±9.6                   |
| 10259 | CAE | 3.0 MHz, 16QAM, UL/DL CFG: 1, SSC: 4, 100% RB    | LTE-TDD  | 9.98     | ±9.6                   |
| 10260 | CAE | 3.0 MHz, 64QAM, UL/DL CFG: 1, SSC: 4, 100% RB    | LTE-TDD  | 9.97     | ±9.6                   |
| 10261 | CAE | 3.0 MHz, QPSK, UL/DL CFG: 1, SSC: 4, 100% RB     | LTE-TDD  | 9.24     | ±9.6                   |
| 10262 | CAH | 5.0 MHz, 16QAM, UL/DL CFG: 1, SSC: 4, 100% RB    | LTE-TDD  | 9.83     | ±9.6                   |
| 10263 | CAH | 5.0 MHz, 64QAM, UL/DL CFG: 1, SSC: 4, 100% RB    | LTE-TDD  | 10.16    | ±9.6                   |
| 10264 | CAH | 5.0 MHz, QPSK, UL/DL CFG: 1, SSC: 4, 100% RB     | LTE-TDD  | 9.23     | ±9.6                   |
| 10265 | CAH | 10.0 MHz, 16QAM, UL/DL CFG: 1, SSC: 4, 100% RB   | LTE-TDD  | 9.92     | ±9.6                   |
| 10266 | CAH | 10.0 MHz, 64QAM, UL/DL CFG: 1, SSC: 4, 100% RB   | LTE-TDD  | 10.07    | ±9.6                   |
| 10267 | CAH | 10.0 MHz, QPSK, UL/DL CFG: 1, SSC: 4, 100% RB    | LTE-TDD  | 9.30     | ±9.6                   |
| 10268 | CAG | 15.0 MHz, 16QAM, UL/DL CFG: 1, SSC: 4, 100% RB   | LTE-TDD  | 10.06    | ±9.6                   |
| 10269 | CAG | 15.0 MHz, 64QAM, UL/DL CFG: 1, SSC: 4, 100% RB   | LTE-TDD  | 10.13    | ±9.6                   |
| 10270 | CAG | 15.0 MHz, QPSK, UL/DL CFG: 1, SSC: 4, 100% RB    | LTE-TDD  | 9.58     | ±9.6                   |
| 10274 | CAC | Rel. 6 HSUPA Subset 2, beta_d 0, QPSK, 5.0 MHz   | WCDMA    | 4.87     | ±9.6                   |
| 10275 | CAC | Rel. 6 HSUPA Subset 2, beta_d 15, QPSK, 5.0 MHz  | WCDMA    | 3.96     | ±9.6                   |
| 10290 | AAB | RC1, SO55, Full frame rate, 1xRTT                | CDMA2000 | 3.91     | ±9.6                   |
| 10291 | AAB | RC3, SO55, Full frame rate, 1xRTT                | CDMA2000 | 3.46     | ±9.6                   |
| 10292 | AAB | RC3, SO32, Full frame rate, SCH0 disabled, 1xRTT | CDMA2000 | 3.39     | ±9.6                   |
| 10293 | AAB | RC3, SO3, Full frame rate, 1xRTT                 | CDMA2000 | 3.50     | ±9.6                   |
| 10295 | AAB | RC3, SO3, 1/8 frame rate, 1xRTT                  | CDMA2000 | 12.49    | ±9.6                   |
| 10297 | AAE | 20.0 MHz, QPSK, 50% RB                           | LTE-FDD  | 5.81     | ±9.6                   |
| 10298 | AAE | 3.0 MHz, QPSK, 50% RB                            | LTE-FDD  | 5.72     | ±9.6                   |
| 10299 | AAE | 3.0 MHz, 16QAM, 50% RB                           | LTE-FDD  | 6.39     | ±9.6                   |
| 10300 | AAE | 3.0 MHz, 64QAM, 50% RB                           | LTE-FDD  | 6.60     | ±9.6                   |
| 10301 | AAA | PUSC, 29:18, QPSK, 5.0 ms, 18 TRAF SYM           | WiMAX    | 12.03    | ±9.6                   |
| 10302 | AAA | PUSC, 29:18, QPSK, 5.0 ms, 15 TRAF SYM           | WiMAX    | 12.57    | ±9.6                   |
| 10303 | AAA | PUSC, 31:15, 64QAM, 5.0 ms, 15 TRAF SYM          | WiMAX    | 12.52    | ±9.6                   |
| 10304 | AAA | PUSC, 29:18, 64QAM, 5.0 ms, 18 TRAF SYM          | WiMAX    | 11.86    | ±9.6                   |
| 10305 | AAA | PUSC, 31:15, 64QAM, 10.0 ms, 15 TRAF SYM         | WiMAX    | 15.24    | ±9.6                   |
| 10306 | AAA | PUSC, 29:18, 64QAM, 10.0 ms, 18 TRAF SYM         | WiMAX    | 14.67    | ±9.6                   |
| 10307 | AAA | PUSC, 29:18, QPSK, 10.0 ms, 18 TRAF SYM          | WiMAX    | 14.49    | ±9.6                   |
| 10308 | AAA | PUSC, 29:18, 16QAM, 10.0 ms, 18 TRAF SYM         | WiMAX    | 14.46    | ±9.6                   |
| 10309 | AAA | AMC 2x3, 29:18, 16QAM, 10.0 ms, 18 TRAF SYM      | WiMAX    | 14.58    | ±9.6                   |
| 10310 | AAA | AMC 2x3, 29:18, QPSK, 10.0 ms, 18 TRAF SYM       | WiMAX    | 14.57    | ±9.6                   |
| 10311 | AAE | 15.0 MHz, QPSK, 100% RB                          | LTE-FDD  | 6.06     | ±9.6                   |
| 10315 | AAB | DSSS, DBPSK, 1.0 Mbps, 96.0% DC                  | WLAN     | 1.71     | ±9.6                   |
| 10316 | AAB | OFDM, BPSK, 6.0 Mbps, 95.9% DC                   | WLAN     | 8.36     | ±9.6                   |
| 10317 | AAE | OFDM, BPSK, 6.0 Mbps, 95.9% DC                   | WLAN     | 8.36     | ±9.6                   |

| UID   | Rev | Communication System Name                                   | Group    | PAR (dB) | Unc <sup>E</sup> k = 2 |
|-------|-----|-------------------------------------------------------------|----------|----------|------------------------|
| 10352 | AAA | Pulse (D=10%, T=5 ms)                                       | Generic  | 10.00    | ±9.6                   |
| 10353 | AAA | Pulse (D=20%, T=5 ms)                                       | Generic  | 6.99     | ±9.6                   |
| 10354 | AAA | Pulse (D=40%, T=5 ms)                                       | Generic  | 3.98     | ±9.6                   |
| 10355 | AAA | Pulse (D=60%, T=5 ms)                                       | Generic  | 2.22     | ±9.6                   |
| 10356 | AAA | Pulse (D=80%, T=5 ms)                                       | Generic  | 0.97     | ±9.6                   |
| 10387 | AAA | Random (BW=1 MHz, MOD=QPSK)                                 | Generic  | 5.10     | ±9.6                   |
| 10388 | AAA | Random (BW=10 MHz, MOD=QPSK)                                | Generic  | 5.22     | ±9.6                   |
| 10396 | AAA | Random (BW=100 kHz, MOD=64QAM)                              | Generic  | 6.27     | ±9.6                   |
| 10399 | AAA | Random (BW=40 MHz, MOD=64QAM)                               | Generic  | 6.27     | ±9.6                   |
| 10400 | AAF | VHT20, MCS5 (52.0 Mbps), 99.0% DC                           | WLAN     | 8.37     | ±9.6                   |
| 10401 | AAF | VHT40, MCS5 (108.0 Mbps), 96.7% DC                          | WLAN     | 8.60     | ±9.6                   |
| 10402 | AAF | VHT80, MCS5 (234.0 Mbps), 99.0% DC                          | WLAN     | 8.53     | ±9.6                   |
| 10403 | AAB | Rev. 0, 1xEV-DO                                             | CDMA2000 | 3.76     | ±9.6                   |
| 10404 | AAB | Rev. A, 1xEV-DO                                             | CDMA2000 | 3.77     | ±9.6                   |
| 10406 | AAB | RC3, SO32, Full frame rate, SCH0 enabled, 1xRTT             | CDMA2000 | 5.22     | ±9.6                   |
| 10410 | AAH | 10.0 MHz, QPSK, UL/DL CFG: 0, SSC: 4, 1 RB                  | LTE-TDD  | 7.82     | ±9.6                   |
| 10414 | AAA | Random (BW=40 MHz, HIGH PAR)                                | Generic  | 8.54     | ±9.6                   |
| 10415 | AAA | DSSS, DBPSK, 1.0 Mbps, 99.9% DC                             | WLAN     | 1.54     | ±9.6                   |
| 10416 | AAA | OFDM, BPSK, 6.0 Mbps, 99.9% DC                              | WLAN     | 8.23     | ±9.6                   |
| 10417 | AAD | OFDM, BPSK, 6.0 Mbps, 99.9% DC                              | WLAN     | 8.23     | ±9.6                   |
| 10418 | AAA | OFDM (LTF), BPSK, 6.0 Mbps, 99.8% DC                        | WLAN     | 8.14     | ±9.6                   |
| 10419 | AAA | OFDM (STF), BPSK, 6.0 Mbps, 99.8% DC                        | WLAN     | 8.19     | ±9.6                   |
| 10422 | AAD | HT20 Greenfield, MCS0 (7.2 Mbps), 99.3% DC                  | WLAN     | 8.32     | ±9.6                   |
| 10423 | AAD | HT20 Greenfield, MCS4 (43.3 Mbps), 99.3% DC                 | WLAN     | 8.47     | ±9.6                   |
| 10424 | AAD | HT20 Greenfield, MCS7 (72.2 Mbps), 99.3% DC                 | WLAN     | 8.40     | ±9.6                   |
| 10425 | AAD | HT40 Greenfield, MCS0 (15.0 Mbps), 99.2% DC                 | WLAN     | 8.41     | ±9.6                   |
| 10426 | AAD | HT40 Greenfield, MCS4 (90.0 Mbps), 99.2% DC                 | WLAN     | 8.45     | ±9.6                   |
| 10427 | AAD | HT40 Greenfield, MCS7 (150.0 Mbps), 99.2% DC                | WLAN     | 8.41     | ±9.6                   |
| 10430 | AAE | 5.0 MHz, 64-QAM, 100% RB                                    | LTE-FDD  | 8.28     | ±9.6                   |
| 10431 | AAE | 10.0 MHz, 64-QAM, 100% RB                                   | LTE-FDD  | 8.38     | ±9.6                   |
| 10432 | AAD | 15.0 MHz, 64-QAM, 100% RB                                   | LTE-FDD  | 8.34     | ±9.6                   |
| 10433 | AAD | 20.0 MHz, 64-QAM, 100% RB                                   | LTE-FDD  | 8.34     | ±9.6                   |
| 10434 | AAB | BS Test Model 1, 64 DPCH, 64QAM, 5.0 MHz (DL)               | WCDMA    | 8.60     | ±9.6                   |
| 10435 | AAG | 20.0 MHz, QPSK, UL/DL CFG: 0, SSC: 7, 1 RB                  | LTE-TDD  | 7.82     | ±9.6                   |
| 10447 | AAE | 5.0 MHz, 64-QAM, 100% RB                                    | LTE-FDD  | 7.56     | ±9.6                   |
| 10448 | AAE | 10.0 MHz, 64-QAM, 100% RB                                   | LTE-FDD  | 7.53     | ±9.6                   |
| 10449 | AAD | 15.0 MHz, 64-QAM, 100% RB                                   | LTE-FDD  | 7.51     | ±9.6                   |
| 10450 | AAD | 20.0 MHz, 64-QAM, 100% RB                                   | LTE-FDD  | 7.48     | ±9.6                   |
| 10451 | AAB | BS Test Model 1, 64 DPCH, Clipping 44%, 64QAM, 5.0 MHz (DL) | WCDMA    | 7.59     | ±9.6                   |
| 10456 | AAD | VHT160, MCS5 (58.5 Mbps), 99.0% DC                          | WLAN     | 8.63     | ±9.6                   |
| 10457 | AAB | Rel. 5 DC-HSDPA, QPSK, 10.0 MHz                             | WCDMA    | 6.62     | ±9.6                   |
| 10458 | AAA | Rev. B, 2 carriers, 1xEV-DO                                 | CDMA2000 | 6.55     | ±9.6                   |
| 10459 | AAA | Rev. B, 3 carriers, 1xEV-DO                                 | CDMA2000 | 8.25     | ±9.6                   |
| 10460 | AAB | Rel. 99, AMR, QPSK, 5.0 MHz                                 | WCDMA    | 2.39     | ±9.6                   |
| 10461 | AAC | 1.4 MHz, QPSK, UL/DL CFG: 0, SSC: 7, 1 RB                   | LTE-TDD  | 7.82     | ±9.6                   |
| 10462 | AAC | 1.4 MHz, 16QAM, UL/DL CFG: 0, SSC: 7, 1 RB                  | LTE-TDD  | 8.30     | ±9.6                   |
| 10463 | AAC | 1.4 MHz, 64QAM, UL/DL CFG: 0, SSC: 7, 1 RB                  | LTE-TDD  | 8.56     | ±9.6                   |
| 10464 | AAD | 3.0 MHz, QPSK, UL/DL CFG: 0, SSC: 7, 1 RB                   | LTE-TDD  | 7.82     | ±9.6                   |
| 10465 | AAD | 3.0 MHz, 16QAM, UL/DL CFG: 0, SSC: 7, 1 RB                  | LTE-TDD  | 8.32     | ±9.6                   |
| 10466 | AAD | 3.0 MHz, 64QAM, UL/DL CFG: 0, SSC: 7, 1 RB                  | LTE-TDD  | 8.57     | ±9.6                   |
| 10467 | AAG | 5.0 MHz, QPSK, UL/DL CFG: 0, SSC: 7, 1 RB                   | LTE-TDD  | 7.82     | ±9.6                   |
| 10468 | AAG | 5.0 MHz, 16QAM, UL/DL CFG: 0, SSC: 7, 1 RB                  | LTE-TDD  | 8.32     | ±9.6                   |
| 10469 | AAG | 5.0 MHz, 64QAM, UL/DL CFG: 0, SSC: 7, 1 RB                  | LTE-TDD  | 8.56     | ±9.6                   |
| 10470 | AAG | 10.0 MHz, QPSK, UL/DL CFG: 0, SSC: 7, 1 RB                  | LTE-TDD  | 7.82     | ±9.6                   |
| 10471 | AAG | 10.0 MHz, 16QAM, UL/DL CFG: 0, SSC: 7, 1 RB                 | LTE-TDD  | 8.32     | ±9.6                   |
| 10472 | AAG | 10.0 MHz, 64QAM, UL/DL CFG: 0, SSC: 7, 1 RB                 | LTE-TDD  | 8.57     | ±9.6                   |
| 10473 | AAF | 15.0 MHz, QPSK, UL/DL CFG: 0, SSC: 7, 1 RB                  | LTE-TDD  | 7.82     | ±9.6                   |
| 10474 | AAF | 15.0 MHz, 16QAM, UL/DL CFG: 0, SSC: 7, 1 RB                 | LTE-TDD  | 8.32     | ±9.6                   |
| 10475 | AAF | 15.0 MHz, 64QAM, UL/DL CFG: 0, SSC: 7, 1 RB                 | LTE-TDD  | 8.57     | ±9.6                   |
| 10477 | AAG | 20.0 MHz, 16QAM, UL/DL CFG: 0, SSC: 7, 1 RB                 | LTE-TDD  | 8.32     | ±9.6                   |
| 10478 | AAG | 20.0 MHz, 64QAM, UL/DL CFG: 0, SSC: 7, 1 RB                 | LTE-TDD  | 8.57     | ±9.6                   |
| 10479 | AAC | 1.4 MHz, QPSK, UL/DL CFG: 0, SSC: 7, 50% RB                 | LTE-TDD  | 7.74     | ±9.6                   |
| 10480 | AAC | 1.4 MHz, 16QAM, UL/DL CFG: 0, SSC: 7, 50% RB                | LTE-TDD  | 8.18     | ±9.6                   |
| 10481 | AAC | 1.4 MHz, 64QAM, UL/DL CFG: 0, SSC: 7, 50% RB                | LTE-TDD  | 8.45     | ±9.6                   |
| 10482 | AAD | 3.0 MHz, QPSK, UL/DL CFG: 0, SSC: 7, 50% RB                 | LTE-TDD  | 7.71     | ±9.6                   |
| 10483 | AAD | 3.0 MHz, 16QAM, UL/DL CFG: 0, SSC: 7, 50% RB                | LTE-TDD  | 8.39     | ±9.6                   |

| UID   | Rev | Communication System Name                      | Group   | PAR (dB) | Unc <sup>E</sup> k = 2 |
|-------|-----|------------------------------------------------|---------|----------|------------------------|
| 10484 | AAD | 3.0 MHz, 64QAM, UL/DL CFG: 0, SSC: 7, 50% RB   | LTE-TDD | 8.47     | ±9.6                   |
| 10485 | AAG | 5.0 MHz, QPSK, UL/DL CFG: 0, SSC: 7, 50% RB    | LTE-TDD | 7.59     | ±9.6                   |
| 10486 | AAG | 5.0 MHz, 16QAM, UL/DL CFG: 0, SSC: 7, 50% RB   | LTE-TDD | 8.38     | ±9.6                   |
| 10487 | AAG | 5.0 MHz, 64QAM, UL/DL CFG: 0, SSC: 7, 50% RB   | LTE-TDD | 8.60     | ±9.6                   |
| 10488 | AAG | 10.0 MHz, QPSK, UL/DL CFG: 0, SSC: 7, 50% RB   | LTE-TDD | 7.70     | ±9.6                   |
| 10489 | AAG | 10.0 MHz, 16QAM, UL/DL CFG: 0, SSC: 7, 50% RB  | LTE-TDD | 8.31     | ±9.6                   |
| 10490 | AAG | 10.0 MHz, 64QAM, UL/DL CFG: 0, SSC: 7, 50% RB  | LTE-TDD | 8.54     | ±9.6                   |
| 10491 | AAF | 15.0 MHz, QPSK, UL/DL CFG: 0, SSC: 7, 50% RB   | LTE-TDD | 7.74     | ±9.6                   |
| 10492 | AAF | 15.0 MHz, 16QAM, UL/DL CFG: 0, SSC: 7, 50% RB  | LTE-TDD | 8.41     | ±9.6                   |
| 10493 | AAF | 15.0 MHz, 64QAM, UL/DL CFG: 0, SSC: 7, 50% RB  | LTE-TDD | 8.55     | ±9.6                   |
| 10494 | AAG | 20.0 MHz, QPSK, UL/DL CFG: 0, SSC: 7, 50% RB   | LTE-TDD | 7.74     | ±9.6                   |
| 10495 | AAG | 20.0 MHz, 16QAM, UL/DL CFG: 0, SSC: 7, 50% RB  | LTE-TDD | 8.37     | ±9.6                   |
| 10496 | AAG | 20.0 MHz, 64QAM, UL/DL CFG: 0, SSC: 7, 50% RB  | LTE-TDD | 8.54     | ±9.6                   |
| 10497 | AAC | 1.4 MHz, QPSK, UL/DL CFG: 0, SSC: 7, 100% RB   | LTE-TDD | 7.67     | ±9.6                   |
| 10498 | AAC | 1.4 MHz, 16QAM, UL/DL CFG: 0, SSC: 7, 100% RB  | LTE-TDD | 8.40     | ±9.6                   |
| 10499 | AAC | 1.4 MHz, 64QAM, UL/DL CFG: 0, SSC: 7, 100% RB  | LTE-TDD | 8.68     | ±9.6                   |
| 10500 | AAD | 3.0 MHz, QPSK, UL/DL CFG: 0, SSC: 7, 100% RB   | LTE-TDD | 7.67     | ±9.6                   |
| 10501 | AAD | 3.0 MHz, 16QAM, UL/DL CFG: 0, SSC: 7, 100% RB  | LTE-TDD | 8.44     | ±9.6                   |
| 10502 | AAD | 3.0 MHz, 64QAM, UL/DL CFG: 0, SSC: 7, 100% RB  | LTE-TDD | 8.52     | ±9.6                   |
| 10503 | AAG | 5.0 MHz, QPSK, UL/DL CFG: 0, SSC: 7, 100% RB   | LTE-TDD | 7.72     | ±9.6                   |
| 10504 | AAG | 5.0 MHz, 16QAM, UL/DL CFG: 0, SSC: 7, 100% RB  | LTE-TDD | 8.31     | ±9.6                   |
| 10505 | AAG | 5.0 MHz, 64QAM, UL/DL CFG: 0, SSC: 7, 100% RB  | LTE-TDD | 8.54     | ±9.6                   |
| 10506 | AAG | 10.0 MHz, QPSK, UL/DL CFG: 0, SSC: 7, 100% RB  | LTE-TDD | 7.74     | ±9.6                   |
| 10507 | AAG | 10.0 MHz, 16QAM, UL/DL CFG: 0, SSC: 7, 100% RB | LTE-TDD | 8.36     | ±9.6                   |
| 10508 | AAG | 10.0 MHz, 64QAM, UL/DL CFG: 0, SSC: 7, 100% RB | LTE-TDD | 8.55     | ±9.6                   |
| 10509 | AAF | 15.0 MHz, QPSK, UL/DL CFG: 0, SSC: 7, 100% RB  | LTE-TDD | 7.99     | ±9.6                   |
| 10510 | AAF | 15.0 MHz, 16QAM, UL/DL CFG: 0, SSC: 7, 100% RB | LTE-TDD | 8.49     | ±9.6                   |
| 10511 | AAF | 15.0 MHz, 64QAM, UL/DL CFG: 0, SSC: 7, 100% RB | LTE-TDD | 8.51     | ±9.6                   |
| 10512 | AAG | 20.0 MHz, QPSK, UL/DL CFG: 0, SSC: 7, 100% RB  | LTE-TDD | 7.74     | ±9.6                   |
| 10513 | AAG | 20.0 MHz, 16QAM, UL/DL CFG: 0, SSC: 7, 100% RB | LTE-TDD | 8.42     | ±9.6                   |
| 10514 | AAG | 20.0 MHz, 64QAM, UL/DL CFG: 0, SSC: 7, 100% RB | LTE-TDD | 8.45     | ±9.6                   |
| 10515 | AAA | DSSS, DQPSK, 2.0 Mbps, 99.0% DC                | WLAN    | 1.58     | ±9.6                   |
| 10516 | AAA | HR-DSSS, DQPSK, 5.5 Mbps, 99.2% DC             | WLAN    | 1.57     | ±9.6                   |
| 10517 | AAA | HR-DSSS, DQPSK, 11.0 Mbps, 99.0% DC            | WLAN    | 1.58     | ±9.6                   |
| 10518 | AAD | OFDM, BPSK, 9.0 Mbps, 98.9% DC                 | WLAN    | 8.23     | ±9.6                   |
| 10519 | AAD | OFDM, QPSK, 12.0 Mbps, 99.0% DC                | WLAN    | 8.39     | ±9.6                   |
| 10520 | AAD | OFDM, QPSK, 18.0 Mbps, 99.0% DC                | WLAN    | 8.12     | ±9.6                   |
| 10521 | AAD | OFDM, 16QAM, 24.0 Mbps, 99.0% DC               | WLAN    | 7.97     | ±9.6                   |
| 10522 | AAD | OFDM, 16QAM, 36.0 Mbps, 99.0% DC               | WLAN    | 8.45     | ±9.6                   |
| 10523 | AAD | OFDM, 64QAM, 48.0 Mbps, 99.0% DC               | WLAN    | 8.08     | ±9.6                   |
| 10524 | AAD | OFDM, 64QAM, 54.0 Mbps, 99.0% DC               | WLAN    | 8.27     | ±9.6                   |
| 10525 | AAD | VHT20, MCS0 (6.5 Mbps), 98.9% DC               | WLAN    | 8.36     | ±9.6                   |
| 10526 | AAD | VHT20, MCS1 (13.0 Mbps), 99.0% DC              | WLAN    | 8.42     | ±9.6                   |
| 10527 | AAD | VHT20, MCS2 (19.5 Mbps), 99.0% DC              | WLAN    | 8.21     | ±9.6                   |
| 10528 | AAD | VHT20, MCS3 (26.0 Mbps), 99.0% DC              | WLAN    | 8.36     | ±9.6                   |
| 10529 | AAD | VHT20, MCS4 (39.0 Mbps), 99.0% DC              | WLAN    | 8.36     | ±9.6                   |
| 10531 | AAD | VHT20, MCS6 (58.5 Mbps), 99.0% DC              | WLAN    | 8.43     | ±9.6                   |
| 10532 | AAD | VHT20, MCS7 (65.0 Mbps), 99.0% DC              | WLAN    | 8.29     | ±9.6                   |
| 10533 | AAD | VHT20, MCS8 (78.0 Mbps), 99.0% DC              | WLAN    | 8.38     | ±9.6                   |
| 10534 | AAD | VHT40, MCS0 (13.5 Mbps), 98.9% DC              | WLAN    | 8.45     | ±9.6                   |
| 10535 | AAD | VHT40, MCS1 (27.0 Mbps), 98.8% DC              | WLAN    | 8.45     | ±9.6                   |
| 10536 | AAD | VHT40, MCS2 (40.5 Mbps), 98.8% DC              | WLAN    | 8.32     | ±9.6                   |
| 10537 | AAD | VHT40, MCS3 (54.0 Mbps), 98.7% DC              | WLAN    | 8.44     | ±9.6                   |
| 10538 | AAD | VHT40, MCS4 (81.0 Mbps), 98.5% DC              | WLAN    | 8.54     | ±9.6                   |
| 10540 | AAD | VHT40, MCS6 (121.5 Mbps), 98.3% DC             | WLAN    | 8.39     | ±9.6                   |
| 10541 | AAD | VHT40, MCS7 (135.0 Mbps), 98.3% DC             | WLAN    | 8.46     | ±9.6                   |
| 10542 | AAD | VHT40, MCS8 (162.0 Mbps), 98.1% DC             | WLAN    | 8.65     | ±9.6                   |
| 10543 | AAD | VHT40, MCS9 (180.0 Mbps), 98.0% DC             | WLAN    | 8.65     | ±9.6                   |
| 10544 | AAD | VHT80, MCS0 (29.3 Mbps), 99.0% DC              | WLAN    | 8.47     | ±9.6                   |
| 10545 | AAD | VHT80, MCS1 (58.5 Mbps), 99.0% DC              | WLAN    | 8.55     | ±9.6                   |
| 10546 | AAD | VHT80, MCS2 (87.8 Mbps), 99.0% DC              | WLAN    | 8.35     | ±9.6                   |
| 10547 | AAD | VHT80, MCS3 (117.0 Mbps), 99.0% DC             | WLAN    | 8.49     | ±9.6                   |
| 10548 | AAD | VHT80, MCS4 (175.5 Mbps), 99.0% DC             | WLAN    | 8.37     | ±9.6                   |
| 10550 | AAD | VHT80, MCS6 (263.3 Mbps), 99.0% DC             | WLAN    | 8.38     | ±9.6                   |
| 10551 | AAD | VHT80, MCS7 (292.5 Mbps), 99.0% DC             | WLAN    | 8.50     | ±9.6                   |
| 10552 | AAD | VHT80, MCS8 (351.0 Mbps), 99.0% DC             | WLAN    | 8.42     | ±9.6                   |

| UID   | Rev | Communication System Name               | Group | PAR (dB) | Unc <sup>E</sup> k = 2 |
|-------|-----|-----------------------------------------|-------|----------|------------------------|
| 10553 | AAD | VHT80, MCS9 (390.0 Mbps), 99.0% DC      | WLAN  | 8.45     | ±9.6                   |
| 10554 | AAE | VHT160, MCS0 (58.5 Mbps), 99.0% DC      | WLAN  | 8.48     | ±9.6                   |
| 10555 | AAE | VHT160, MCS1 (117.0 Mbps), 99.0% DC     | WLAN  | 8.47     | ±9.6                   |
| 10556 | AAE | VHT160, MCS2 (175.5 Mbps), 99.0% DC     | WLAN  | 8.50     | ±9.6                   |
| 10557 | AAE | VHT160, MCS3 (234.0 Mbps), 99.0% DC     | WLAN  | 8.52     | ±9.6                   |
| 10558 | AAE | VHT160, MCS4 (351.0 Mbps), 99.0% DC     | WLAN  | 8.61     | ±9.6                   |
| 10560 | AAE | VHT160, MCS6 (526.5 Mbps), 99.0% DC     | WLAN  | 8.73     | ±9.6                   |
| 10561 | AAE | VHT160, MCS7 (585.0 Mbps), 99.0% DC     | WLAN  | 8.56     | ±9.6                   |
| 10562 | AAE | VHT160, MCS8 (702.0 Mbps), 99.0% DC     | WLAN  | 8.69     | ±9.6                   |
| 10563 | AAE | VHT160, MCS9 (780.0 Mbps), 99.0% DC     | WLAN  | 8.77     | ±9.6                   |
| 10564 | AAA | OFDM, BPSK, 9.0 Mbps, 98.9% DC          | WLAN  | 8.25     | ±9.6                   |
| 10565 | AAA | OFDM, QPSK, 12.0 Mbps, 99.0% DC         | WLAN  | 8.45     | ±9.6                   |
| 10566 | AAA | OFDM, QPSK, 18.0 Mbps, 99.0% DC         | WLAN  | 8.13     | ±9.6                   |
| 10567 | AAA | OFDM, 16QAM, 24.0 Mbps, 99.0% DC        | WLAN  | 8.00     | ±9.6                   |
| 10568 | AAA | OFDM, 16QAM, 36.0 Mbps, 99.0% DC        | WLAN  | 8.37     | ±9.6                   |
| 10569 | AAA | OFDM, 64QAM, 48.0 Mbps, 99.0% DC        | WLAN  | 8.10     | ±9.6                   |
| 10570 | AAA | OFDM, 64QAM, 54.0 Mbps, 99.0% DC        | WLAN  | 8.30     | ±9.6                   |
| 10571 | AAA | DSSS, DQPSK, 1.0 Mbps, 90.0% DC         | WLAN  | 1.99     | ±9.6                   |
| 10572 | AAA | DSSS, DQPSK, 2.0 Mbps, 90.0% DC         | WLAN  | 1.99     | ±9.6                   |
| 10573 | AAA | HR-DSSS, DQPSK, 5.5 Mbps, 90.1% DC      | WLAN  | 1.98     | ±9.6                   |
| 10574 | AAA | HR-DSSS, DQPSK, 11.0 Mbps, 90.3% DC     | WLAN  | 1.98     | ±9.6                   |
| 10575 | AAA | OFDM, BPSK, 6.0 Mbps, 89.9% DC          | WLAN  | 8.59     | ±9.6                   |
| 10576 | AAA | OFDM, BPSK, 9.0 Mbps, 89.9% DC          | WLAN  | 8.60     | ±9.6                   |
| 10577 | AAA | OFDM, QPSK, 12.0 Mbps, 90.0% DC         | WLAN  | 8.70     | ±9.6                   |
| 10578 | AAA | OFDM, QPSK, 18.0 Mbps, 90.0% DC         | WLAN  | 8.49     | ±9.6                   |
| 10579 | AAA | OFDM, 16QAM, 24.0 Mbps, 90.0% DC        | WLAN  | 8.36     | ±9.6                   |
| 10580 | AAA | OFDM, 16QAM, 36.0 Mbps, 90.0% DC        | WLAN  | 8.76     | ±9.6                   |
| 10581 | AAA | OFDM, 64QAM, 48.0 Mbps, 90.0% DC        | WLAN  | 8.35     | ±9.6                   |
| 10582 | AAA | OFDM, 64QAM, 54.0 Mbps, 90.0% DC        | WLAN  | 8.67     | ±9.6                   |
| 10583 | AAD | OFDM, BPSK, 6.0 Mbps, 89.9% DC          | WLAN  | 8.59     | ±9.6                   |
| 10584 | AAD | OFDM, BPSK, 9.0 Mbps, 89.9% DC          | WLAN  | 8.60     | ±9.6                   |
| 10585 | AAD | OFDM, QPSK, 12.0 Mbps, 90.0% DC         | WLAN  | 8.70     | ±9.6                   |
| 10586 | AAD | OFDM, QPSK, 18.0 Mbps, 90.0% DC         | WLAN  | 8.49     | ±9.6                   |
| 10587 | AAD | OFDM, 16QAM, 24.0 Mbps, 90.0% DC        | WLAN  | 8.36     | ±9.6                   |
| 10588 | AAD | OFDM, 16QAM, 36.0 Mbps, 90.0% DC        | WLAN  | 8.76     | ±9.6                   |
| 10589 | AAD | OFDM, 64QAM, 48.0 Mbps, 90.0% DC        | WLAN  | 8.35     | ±9.6                   |
| 10590 | AAD | OFDM, 64QAM, 54.0 Mbps, 90.0% DC        | WLAN  | 8.67     | ±9.6                   |
| 10591 | AAD | HT20 Mixed, MCS0 (6.5 Mbps), 89.9% DC   | WLAN  | 8.63     | ±9.6                   |
| 10592 | AAD | HT20 Mixed, MCS1 (13.0 Mbps), 90.0% DC  | WLAN  | 8.79     | ±9.6                   |
| 10593 | AAD | HT20 Mixed, MCS2 (19.5 Mbps), 90.0% DC  | WLAN  | 8.64     | ±9.6                   |
| 10594 | AAD | HT20 Mixed, MCS3 (26.0 Mbps), 90.0% DC  | WLAN  | 8.74     | ±9.6                   |
| 10595 | AAD | HT20 Mixed, MCS4 (39.0 Mbps), 90.0% DC  | WLAN  | 8.74     | ±9.6                   |
| 10596 | AAD | HT20 Mixed, MCS5 (52.0 Mbps), 90.0% DC  | WLAN  | 8.71     | ±9.6                   |
| 10597 | AAD | HT20 Mixed, MCS6 (58.5 Mbps), 90.0% DC  | WLAN  | 8.72     | ±9.6                   |
| 10598 | AAD | HT20 Mixed, MCS7 (65.0 Mbps), 90.0% DC  | WLAN  | 8.50     | ±9.6                   |
| 10599 | AAD | HT40 Mixed, MCS0 (13.5 Mbps), 89.9% DC  | WLAN  | 8.79     | ±9.6                   |
| 10600 | AAD | HT40 Mixed, MCS1 (27.0 Mbps), 89.7% DC  | WLAN  | 8.88     | ±9.6                   |
| 10601 | AAD | HT40 Mixed, MCS2 (40.5 Mbps), 89.6% DC  | WLAN  | 8.82     | ±9.6                   |
| 10602 | AAD | HT40 Mixed, MCS3 (54.0 Mbps), 89.4% DC  | WLAN  | 8.94     | ±9.6                   |
| 10603 | AAD | HT40 Mixed, MCS4 (81.0 Mbps), 89.2% DC  | WLAN  | 9.03     | ±9.6                   |
| 10604 | AAD | HT40 Mixed, MCS5 (108.0 Mbps), 88.9% DC | WLAN  | 8.76     | ±9.6                   |
| 10605 | AAD | HT40 Mixed, MCS6 (121.5 Mbps), 88.8% DC | WLAN  | 8.97     | ±9.6                   |
| 10606 | AAD | HT40 Mixed, MCS7 (135.0 Mbps), 88.7% DC | WLAN  | 8.82     | ±9.6                   |
| 10607 | AAD | VHT20, MCS0 (6.5 Mbps), 89.9% DC        | WLAN  | 8.64     | ±9.6                   |
| 10608 | AAD | VHT20, MCS1 (13.0 Mbps), 90.0% DC       | WLAN  | 8.77     | ±9.6                   |
| 10609 | AAD | VHT20, MCS2 (19.5 Mbps), 90.0% DC       | WLAN  | 8.57     | ±9.6                   |
| 10610 | AAD | VHT20, MCS3 (26.0 Mbps), 90.0% DC       | WLAN  | 8.78     | ±9.6                   |
| 10611 | AAD | VHT20, MCS4 (39.0 Mbps), 90.0% DC       | WLAN  | 8.70     | ±9.6                   |
| 10612 | AAD | VHT20, MCS5 (52.0 Mbps), 90.0% DC       | WLAN  | 8.77     | ±9.6                   |
| 10613 | AAD | VHT20, MCS6 (58.5 Mbps), 90.0% DC       | WLAN  | 8.94     | ±9.6                   |
| 10614 | AAD | VHT20, MCS7 (65.0 Mbps), 90.0% DC       | WLAN  | 8.59     | ±9.6                   |
| 10615 | AAD | VHT20, MCS8 (78.0 Mbps), 90.0% DC       | WLAN  | 8.82     | ±9.6                   |
| 10616 | AAD | VHT40, MCS0 (13.5 Mbps), 89.9% DC       | WLAN  | 8.82     | ±9.6                   |
| 10617 | AAD | VHT40, MCS1 (27.0 Mbps), 89.7% DC       | WLAN  | 8.81     | ±9.6                   |
| 10618 | AAD | VHT40, MCS2 (40.5 Mbps), 89.6% DC       | WLAN  | 8.58     | ±9.6                   |
| 10619 | AAD | VHT40, MCS3 (54.0 Mbps), 89.4% DC       | WLAN  | 8.86     | ±9.6                   |

| UID   | Rev | Communication System Name                  | Group     | PAR (dB) | Unc <sup>E</sup> k = 2 |
|-------|-----|--------------------------------------------|-----------|----------|------------------------|
| 10620 | AAD | VHT40, MCS4 (81.0 Mbps), 89.2% DC          | WLAN      | 8.87     | ±9.6                   |
| 10621 | AAD | VHT40, MCS5 (108.0 Mbps), 88.9% DC         | WLAN      | 8.77     | ±9.6                   |
| 10622 | AAD | VHT40, MCS6 (121.5 Mbps), 88.8% DC         | WLAN      | 8.68     | ±9.6                   |
| 10623 | AAD | VHT40, MCS7 (135.0 Mbps), 88.6% DC         | WLAN      | 8.82     | ±9.6                   |
| 10624 | AAD | VHT40, MCS8 (162.0 Mbps), 88.4% DC         | WLAN      | 8.96     | ±9.6                   |
| 10625 | AAD | VHT40, MCS9 (180.0 Mbps), 88.2% DC         | WLAN      | 8.96     | ±9.6                   |
| 10626 | AAD | VHT80, MCS0 (29.3 Mbps), 90.0% DC          | WLAN      | 8.83     | ±9.6                   |
| 10627 | AAD | VHT80, MCS1 (58.5 Mbps), 90.0% DC          | WLAN      | 8.88     | ±9.6                   |
| 10628 | AAD | VHT80, MCS2 (87.8 Mbps), 90.0% DC          | WLAN      | 8.71     | ±9.6                   |
| 10629 | AAD | VHT80, MCS3 (117.0 Mbps), 90.0% DC         | WLAN      | 8.85     | ±9.6                   |
| 10630 | AAD | VHT80, MCS4 (175.5 Mbps), 90.0% DC         | WLAN      | 8.72     | ±9.6                   |
| 10631 | AAD | VHT80, MCS5 (234.0 Mbps), 90.0% DC         | WLAN      | 8.81     | ±9.6                   |
| 10632 | AAD | VHT80, MCS6 (263.3 Mbps), 90.0% DC         | WLAN      | 8.74     | ±9.6                   |
| 10633 | AAD | VHT80, MCS7 (292.5 Mbps), 90.0% DC         | WLAN      | 8.83     | ±9.6                   |
| 10634 | AAD | VHT80, MCS8 (351.0 Mbps), 90.0% DC         | WLAN      | 8.80     | ±9.6                   |
| 10635 | AAD | VHT80, MCS9 (390.0 Mbps), 90.0% DC         | WLAN      | 8.81     | ±9.6                   |
| 10636 | AAE | VHT160, MCS0 (58.5 Mbps), 90.0% DC         | WLAN      | 8.83     | ±9.6                   |
| 10637 | AAE | VHT160, MCS1 (117.0 Mbps), 90.0% DC        | WLAN      | 8.79     | ±9.6                   |
| 10638 | AAE | VHT160, MCS2 (175.5 Mbps), 90.0% DC        | WLAN      | 8.86     | ±9.6                   |
| 10639 | AAE | VHT160, MCS3 (234.0 Mbps), 90.0% DC        | WLAN      | 8.85     | ±9.6                   |
| 10640 | AAE | VHT160, MCS4 (351.0 Mbps), 90.0% DC        | WLAN      | 8.98     | ±9.6                   |
| 10641 | AAE | VHT160, MCS5 (468.0 Mbps), 90.0% DC        | WLAN      | 9.06     | ±9.6                   |
| 10642 | AAE | VHT160, MCS6 (526.5 Mbps), 90.0% DC        | WLAN      | 9.06     | ±9.6                   |
| 10643 | AAE | VHT160, MCS7 (585.0 Mbps), 90.0% DC        | WLAN      | 8.89     | ±9.6                   |
| 10644 | AAE | VHT160, MCS8 (702.0 Mbps), 90.0% DC        | WLAN      | 9.05     | ±9.6                   |
| 10645 | AAE | VHT160, MCS9 (780.0 Mbps), 90.0% DC        | WLAN      | 9.11     | ±9.6                   |
| 10646 | AAH | 5.0 MHz, QPSK, UL/DL CFG: 2, SSC: 4, 1 RB  | LTE-TDD   | 11.96    | ±9.6                   |
| 10647 | AAG | 20.0 MHz, QPSK, UL/DL CFG: 2, SSC: 7, 1 RB | LTE-TDD   | 11.96    | ±9.6                   |
| 10648 | AAA | RC8, SO75, 1xAdvanced                      | CDMA2000  | 3.45     | ±9.6                   |
| 10670 | AAA | LE, Test, GFSK                             | Bluetooth | 2.19     | ±9.6                   |
| 10671 | AAC | ET20, MCS0 (8.6 Mbps), 90.0% DC            | WLAN      | 9.09     | ±9.6                   |
| 10672 | AAC | ET20, MCS1 (17.0 Mbps), 90.0% DC           | WLAN      | 8.57     | ±9.6                   |
| 10673 | AAC | ET20, MCS2 (26.0 Mbps), 90.0% DC           | WLAN      | 8.78     | ±9.6                   |
| 10674 | AAC | ET20, MCS3 (34.0 Mbps), 90.0% DC           | WLAN      | 8.74     | ±9.6                   |
| 10675 | AAC | ET20, MCS4 (52.0 Mbps), 90.0% DC           | WLAN      | 8.90     | ±9.6                   |
| 10676 | AAC | ET20, MCS5 (69.0 Mbps), 90.0% DC           | WLAN      | 8.77     | ±9.6                   |
| 10677 | AAC | ET20, MCS6 (77.0 Mbps), 90.0% DC           | WLAN      | 8.73     | ±9.6                   |
| 10678 | AAC | ET20, MCS7 (86.0 Mbps), 90.0% DC           | WLAN      | 8.78     | ±9.6                   |
| 10679 | AAC | ET20, MCS8 (103.0 Mbps), 90.0% DC          | WLAN      | 8.89     | ±9.6                   |
| 10680 | AAC | ET20, MCS9 (115.0 Mbps), 90.0% DC          | WLAN      | 8.80     | ±9.6                   |
| 10681 | AAC | ET20, MCS10 (122.0 Mbps), 90.0% DC         | WLAN      | 8.62     | ±9.6                   |
| 10682 | AAC | ET20, MCS11 (135.0 Mbps), 90.0% DC         | WLAN      | 8.83     | ±9.6                   |
| 10683 | AAC | ET20, MCS0 (8.6 Mbps), 100.0% DC           | WLAN      | 8.42     | ±9.6                   |
| 10684 | AAC | ET20, MCS1 (17.0 Mbps), 100.0% DC          | WLAN      | 8.26     | ±9.6                   |
| 10685 | AAC | ET20, MCS2 (26.0 Mbps), 100.0% DC          | WLAN      | 8.33     | ±9.6                   |
| 10686 | AAC | ET20, MCS3 (34.0 Mbps), 100.0% DC          | WLAN      | 8.28     | ±9.6                   |
| 10687 | AAC | ET20, MCS4 (52.0 Mbps), 100.0% DC          | WLAN      | 8.45     | ±9.6                   |
| 10688 | AAC | ET20, MCS5 (69.0 Mbps), 100.0% DC          | WLAN      | 8.29     | ±9.6                   |
| 10689 | AAC | ET20, MCS6 (77.0 Mbps), 100.0% DC          | WLAN      | 8.55     | ±9.6                   |
| 10690 | AAC | ET20, MCS7 (86.0 Mbps), 100.0% DC          | WLAN      | 8.29     | ±9.6                   |
| 10691 | AAC | ET20, MCS8 (103.0 Mbps), 100.0% DC         | WLAN      | 8.25     | ±9.6                   |
| 10692 | AAC | ET20, MCS9 (115.0 Mbps), 100.0% DC         | WLAN      | 8.29     | ±9.6                   |
| 10693 | AAC | ET20, MCS10 (122.0 Mbps), 100.0% DC        | WLAN      | 8.25     | ±9.6                   |
| 10694 | AAC | ET20, MCS11 (135.0 Mbps), 100.0% DC        | WLAN      | 8.57     | ±9.6                   |
| 10695 | AAC | ET40, MCS0 (17.2 Mbps), 89.8% DC           | WLAN      | 8.78     | ±9.6                   |
| 10696 | AAC | ET40, MCS1 (34.0 Mbps), 89.8% DC           | WLAN      | 8.91     | ±9.6                   |
| 10697 | AAC | ET40, MCS2 (52.0 Mbps), 89.7% DC           | WLAN      | 8.61     | ±9.6                   |
| 10698 | AAC | ET40, MCS3 (69.0 Mbps), 89.7% DC           | WLAN      | 8.89     | ±9.6                   |
| 10699 | AAC | ET40, MCS4 (103.0 Mbps), 89.9% DC          | WLAN      | 8.82     | ±9.6                   |
| 10700 | AAC | ET40, MCS5 (138.0 Mbps), 89.8% DC          | WLAN      | 8.73     | ±9.6                   |
| 10701 | AAC | ET40, MCS6 (155.0 Mbps), 89.8% DC          | WLAN      | 8.86     | ±9.6                   |
| 10702 | AAC | ET40, MCS7 (172.0 Mbps), 89.8% DC          | WLAN      | 8.70     | ±9.6                   |
| 10703 | AAC | ET40, MCS8 (207.0 Mbps), 89.8% DC          | WLAN      | 8.82     | ±9.6                   |
| 10704 | AAC | ET40, MCS9 (229.0 Mbps), 89.8% DC          | WLAN      | 8.56     | ±9.6                   |
| 10705 | AAC | ET40, MCS10 (258.0 Mbps), 89.8% DC         | WLAN      | 8.69     | ±9.6                   |
| 10706 | AAC | ET40, MCS11 (267.0 Mbps), 89.8% DC         | WLAN      | 8.66     | ±9.6                   |

| UID   | Rev | Communication System Name                        | Group         | PAR (dB) | Unc <sup>E</sup> $k = 2$ |
|-------|-----|--------------------------------------------------|---------------|----------|--------------------------|
| 10707 | AAC | ET40, MCS0 (17.2 Mbps), 99.8% DC                 | WLAN          | 8.32     | ±9.6                     |
| 10708 | AAC | ET40, MCS1 (34.0 Mbps), 99.7% DC                 | WLAN          | 8.55     | ±9.6                     |
| 10709 | AAC | ET40, MCS2 (52.0 Mbps), 99.7% DC                 | WLAN          | 8.33     | ±9.6                     |
| 10710 | AAC | ET40, MCS3 (69.0 Mbps), 99.7% DC                 | WLAN          | 8.29     | ±9.6                     |
| 10711 | AAC | ET40, MCS4 (103.0 Mbps), 99.8% DC                | WLAN          | 8.39     | ±9.6                     |
| 10712 | AAC | ET40, MCS5 (138.0 Mbps), 99.8% DC                | WLAN          | 8.67     | ±9.6                     |
| 10713 | AAC | ET40, MCS6 (155.0 Mbps), 99.8% DC                | WLAN          | 8.33     | ±9.6                     |
| 10714 | AAC | ET40, MCS7 (172.0 Mbps), 99.8% DC                | WLAN          | 8.26     | ±9.6                     |
| 10715 | AAC | ET40, MCS8 (207.0 Mbps), 99.8% DC                | WLAN          | 8.45     | ±9.6                     |
| 10716 | AAC | ET40, MCS9 (229.0 Mbps), 99.8% DC                | WLAN          | 8.30     | ±9.6                     |
| 10717 | AAC | ET40, MCS10 (258.0 Mbps), 99.8% DC               | WLAN          | 8.48     | ±9.6                     |
| 10718 | AAC | ET40, MCS11 (267.0 Mbps), 99.8% DC               | WLAN          | 8.24     | ±9.6                     |
| 10719 | AAC | ET80, MCS0 (36.0 Mbps), 90.0% DC                 | WLAN          | 8.81     | ±9.6                     |
| 10720 | AAC | ET80, MCS1 (72.1 Mbps), 90.0% DC                 | WLAN          | 8.87     | ±9.6                     |
| 10721 | AAC | ET80, MCS2 (108.1 Mbps), 90.0% DC                | WLAN          | 8.76     | ±9.6                     |
| 10722 | AAC | ET80, MCS3 (144.1 Mbps), 90.0% DC                | WLAN          | 8.55     | ±9.6                     |
| 10723 | AAC | ET80, MCS4 (216.2 Mbps), 90.0% DC                | WLAN          | 8.70     | ±9.6                     |
| 10724 | AAC | ET80, MCS5 (288.2 Mbps), 90.0% DC                | WLAN          | 8.90     | ±9.6                     |
| 10725 | AAC | ET80, MCS6 (324.4 Mbps), 90.0% DC                | WLAN          | 8.74     | ±9.6                     |
| 10726 | AAC | ET80, MCS7 (360.3 Mbps), 90.0% DC                | WLAN          | 8.72     | ±9.6                     |
| 10727 | AAC | ET80, MCS8 (432.4 Mbps), 90.0% DC                | WLAN          | 8.66     | ±9.6                     |
| 10728 | AAC | ET80, MCS9 (480.4 Mbps), 90.0% DC                | WLAN          | 8.65     | ±9.6                     |
| 10729 | AAC | ET80, MCS10 (540.4 Mbps), 90.0% DC               | WLAN          | 8.64     | ±9.6                     |
| 10730 | AAC | ET80, MCS11 (72.0 Mbps), 90.0% DC                | WLAN          | 8.67     | ±9.6                     |
| 10731 | AAC | ET80, MCS0 (36.0 Mbps), 100.0% DC                | WLAN          | 8.42     | ±9.6                     |
| 10732 | AAC | ET80, MCS1 (72.1 Mbps), 100.0% DC                | WLAN          | 8.46     | ±9.6                     |
| 10733 | AAC | ET80, MCS2 (108.1 Mbps), 100.0% DC               | WLAN          | 8.40     | ±9.6                     |
| 10734 | AAC | ET80, MCS3 (144.1 Mbps), 100.0% DC               | WLAN          | 8.25     | ±9.6                     |
| 10735 | AAC | ET80, MCS4 (216.2 Mbps), 100.0% DC               | WLAN          | 8.33     | ±9.6                     |
| 10736 | AAC | ET80, MCS5 (288.2 Mbps), 100.0% DC               | WLAN          | 8.27     | ±9.6                     |
| 10737 | AAC | ET80, MCS6 (324.4 Mbps), 100.0% DC               | WLAN          | 8.36     | ±9.6                     |
| 10738 | AAC | ET80, MCS7 (360.3 Mbps), 100.0% DC               | WLAN          | 8.42     | ±9.6                     |
| 10739 | AAC | ET80, MCS8 (432.4 Mbps), 100.0% DC               | WLAN          | 8.29     | ±9.6                     |
| 10740 | AAC | ET80, MCS9 (480.4 Mbps), 100.0% DC               | WLAN          | 8.48     | ±9.6                     |
| 10741 | AAC | ET80, MCS10 (540.4 Mbps), 100.0% DC              | WLAN          | 8.40     | ±9.6                     |
| 10742 | AAC | ET80, MCS11 (600.5 Mbps), 100.0% DC              | WLAN          | 8.43     | ±9.6                     |
| 10743 | AAC | ET160, MCS0 (72.0 Mbps), 88.2% DC                | WLAN          | 8.94     | ±9.6                     |
| 10744 | AAC | ET160, MCS1 (144.0 Mbps), 87.1% DC               | WLAN          | 9.16     | ±9.6                     |
| 10745 | AAC | ET160, MCS2 (216.0 Mbps), 87.4% DC               | WLAN          | 8.93     | ±9.6                     |
| 10746 | AAC | ET160, MCS3 (282.0 Mbps), 87.1% DC               | WLAN          | 9.11     | ±9.6                     |
| 10747 | AAC | ET160, MCS4 (432.0 Mbps), 87.4% DC               | WLAN          | 9.04     | ±9.6                     |
| 10748 | AAC | ET160, MCS5 (576.0 Mbps), 86.8% DC               | WLAN          | 8.93     | ±9.6                     |
| 10749 | AAC | ET160, MCS6 (649.0 Mbps), 86.7% DC               | WLAN          | 8.90     | ±9.6                     |
| 10750 | AAC | ET160, MCS7 (721.0 Mbps), 86.7% DC               | WLAN          | 8.79     | ±9.6                     |
| 10751 | AAC | ET160, MCS8 (865.0 Mbps), 86.3% DC               | WLAN          | 8.82     | ±9.6                     |
| 10752 | AAC | ET160, MCS9 (961.0 Mbps), 86.3% DC               | WLAN          | 8.81     | ±9.6                     |
| 10753 | AAC | ET160, MCS10 (1081.0 Mbps), 86.7% DC             | WLAN          | 9.00     | ±9.6                     |
| 10754 | AAC | ET160, MCS11 (1201.0 Mbps), 86.7% DC             | WLAN          | 8.94     | ±9.6                     |
| 10755 | AAC | ET160, MCS0 (72.0 Mbps), 98.0% DC                | WLAN          | 8.64     | ±9.6                     |
| 10756 | AAC | ET160, MCS1 (144.0 Mbps), 96.8% DC               | WLAN          | 8.77     | ±9.6                     |
| 10757 | AAC | ET160, MCS2 (216.0 Mbps), 97.1% DC               | WLAN          | 8.77     | ±9.6                     |
| 10758 | AAC | ET160, MCS3 (282.0 Mbps), 96.8% DC               | WLAN          | 8.69     | ±9.6                     |
| 10759 | AAC | ET160, MCS4 (432.0 Mbps), 97.1% DC               | WLAN          | 8.58     | ±9.6                     |
| 10760 | AAC | ET160, MCS5 (576.0 Mbps), 96.5% DC               | WLAN          | 8.49     | ±9.6                     |
| 10761 | AAC | ET160, MCS6 (649.0 Mbps), 96.3% DC               | WLAN          | 8.58     | ±9.6                     |
| 10762 | AAC | ET160, MCS7 (721.0 Mbps), 96.3% DC               | WLAN          | 8.49     | ±9.6                     |
| 10763 | AAC | ET160, MCS8 (865.0 Mbps), 95.9% DC               | WLAN          | 8.53     | ±9.6                     |
| 10764 | AAC | ET160, MCS9 (961.0 Mbps), 95.9% DC               | WLAN          | 8.54     | ±9.6                     |
| 10765 | AAC | ET160, MCS10 (1081.0 Mbps), 96.3% DC             | WLAN          | 8.54     | ±9.6                     |
| 10766 | AAC | ET160, MCS11 (1201.0 Mbps), 96.3% DC             | WLAN          | 8.51     | ±9.6                     |
| 10767 | AAG | CP-OFDM, 5.0 MHz, QPSK, 15 kHz, 99.9% DC, 1 RB   | 5G NR FR1 TDD | 7.99     | ±9.6                     |
| 10768 | AAE | CP-OFDM, 10.0 MHz, QPSK, 15 kHz, 100.0% DC, 1 RB | 5G NR FR1 TDD | 8.01     | ±9.6                     |
| 10769 | AAD | CP-OFDM, 15.0 MHz, QPSK, 15 kHz, 100.0% DC, 1 RB | 5G NR FR1 TDD | 8.01     | ±9.6                     |
| 10770 | AAE | CP-OFDM, 20.0 MHz, QPSK, 15 kHz, 100.0% DC, 1 RB | 5G NR FR1 TDD | 8.02     | ±9.6                     |
| 10771 | AAD | CP-OFDM, 25.0 MHz, QPSK, 15 kHz, 100.0% DC, 1 RB | 5G NR FR1 TDD | 8.02     | ±9.6                     |
| 10772 | AAE | CP-OFDM, 30.0 MHz, QPSK, 15 kHz, 100.0% DC, 1 RB | 5G NR FR1 TDD | 8.23     | ±9.6                     |

| UID   | Rev | Communication System Name                            | Group         | PAR (dB) | Unc <sup>E</sup> k = 2 |
|-------|-----|------------------------------------------------------|---------------|----------|------------------------|
| 10773 | AAF | CP-OFDM, 40.0 MHz, QPSK, 15 kHz, 100.0% DC, 1 RB     | 5G NR FR1 TDD | 8.03     | ±9.6                   |
| 10774 | AAE | CP-OFDM, 50.0 MHz, QPSK, 15 kHz, 100.0% DC, 1 RB     | 5G NR FR1 TDD | 8.02     | ±9.6                   |
| 10775 | AAF | CP-OFDM, 5.0 MHz, QPSK, 15 kHz, 100.0% DC, 50% RB    | 5G NR FR1 TDD | 8.31     | ±9.6                   |
| 10776 | AAE | CP-OFDM, 10.0 MHz, QPSK, 15 kHz, 100.0% DC, 50% RB   | 5G NR FR1 TDD | 8.30     | ±9.6                   |
| 10777 | AAC | CP-OFDM, 15.0 MHz, QPSK, 15 kHz, 100.0% DC, 50% RB   | 5G NR FR1 TDD | 8.30     | ±9.6                   |
| 10778 | AAE | CP-OFDM, 20.0 MHz, QPSK, 15 kHz, 100.0% DC, 50% RB   | 5G NR FR1 TDD | 8.34     | ±9.6                   |
| 10779 | AAC | CP-OFDM, 25.0 MHz, QPSK, 15 kHz, 100.0% DC, 50% RB   | 5G NR FR1 TDD | 8.42     | ±9.6                   |
| 10780 | AAE | CP-OFDM, 30.0 MHz, QPSK, 15 kHz, 100.0% DC, 50% RB   | 5G NR FR1 TDD | 8.38     | ±9.6                   |
| 10781 | AAF | CP-OFDM, 40.0 MHz, QPSK, 15 kHz, 100.0% DC, 50% RB   | 5G NR FR1 TDD | 8.38     | ±9.6                   |
| 10782 | AAE | CP-OFDM, 50.0 MHz, QPSK, 15 kHz, 100.0% DC, 50% RB   | 5G NR FR1 TDD | 8.43     | ±9.6                   |
| 10783 | AAG | CP-OFDM, 5.0 MHz, QPSK, 15 kHz, 100.0% DC, 100% RB   | 5G NR FR1 TDD | 8.31     | ±9.6                   |
| 10784 | AAE | CP-OFDM, 10.0 MHz, QPSK, 15 kHz, 100.0% DC, 100% RB  | 5G NR FR1 TDD | 8.29     | ±9.6                   |
| 10785 | AAD | CP-OFDM, 15.0 MHz, QPSK, 15 kHz, 100.0% DC, 100% RB  | 5G NR FR1 TDD | 8.40     | ±9.6                   |
| 10786 | AAE | CP-OFDM, 20.0 MHz, QPSK, 15 kHz, 100.0% DC, 100% RB  | 5G NR FR1 TDD | 8.35     | ±9.6                   |
| 10787 | AAD | CP-OFDM, 25.0 MHz, QPSK, 15 kHz, 100.0% DC, 100% RB  | 5G NR FR1 TDD | 8.44     | ±9.6                   |
| 10788 | AAE | CP-OFDM, 30.0 MHz, QPSK, 15 kHz, 100.0% DC, 100% RB  | 5G NR FR1 TDD | 8.39     | ±9.6                   |
| 10789 | AAF | CP-OFDM, 40.0 MHz, QPSK, 15 kHz, 100.0% DC, 100% RB  | 5G NR FR1 TDD | 8.37     | ±9.6                   |
| 10790 | AAE | CP-OFDM, 50.0 MHz, QPSK, 15 kHz, 100.0% DC, 100% RB  | 5G NR FR1 TDD | 8.39     | ±9.6                   |
| 10791 | AAG | CP-OFDM, 5.0 MHz, QPSK, 30 kHz, 99.9% DC, 1 RB       | 5G NR FR1 TDD | 7.83     | ±9.6                   |
| 10792 | AAE | CP-OFDM, 10.0 MHz, QPSK, 30 kHz, 99.9% DC, 1 RB      | 5G NR FR1 TDD | 7.92     | ±9.6                   |
| 10793 | AAD | CP-OFDM, 15.0 MHz, QPSK, 30 kHz, 100.0% DC, 1 RB     | 5G NR FR1 TDD | 7.95     | ±9.6                   |
| 10794 | AAE | CP-OFDM, 20.0 MHz, QPSK, 30 kHz, 100.0% DC, 1 RB     | 5G NR FR1 TDD | 7.82     | ±9.6                   |
| 10795 | AAD | CP-OFDM, 25.0 MHz, QPSK, 30 kHz, 100.0% DC, 1 RB     | 5G NR FR1 TDD | 7.84     | ±9.6                   |
| 10796 | AAE | CP-OFDM, 30.0 MHz, QPSK, 30 kHz, 100.0% DC, 1 RB     | 5G NR FR1 TDD | 7.82     | ±9.6                   |
| 10797 | AAF | CP-OFDM, 40.0 MHz, QPSK, 30 kHz, 100.0% DC, 1 RB     | 5G NR FR1 TDD | 8.01     | ±9.6                   |
| 10798 | AAE | CP-OFDM, 50.0 MHz, QPSK, 30 kHz, 100.0% DC, 1 RB     | 5G NR FR1 TDD | 7.89     | ±9.6                   |
| 10799 | AAF | CP-OFDM, 60.0 MHz, QPSK, 30 kHz, 100.0% DC, 1 RB     | 5G NR FR1 TDD | 7.93     | ±9.6                   |
| 10801 | AAF | CP-OFDM, 80.0 MHz, QPSK, 30 kHz, 100.0% DC, 1 RB     | 5G NR FR1 TDD | 7.89     | ±9.6                   |
| 10802 | AAE | CP-OFDM, 90.0 MHz, QPSK, 30 kHz, 100.0% DC, 1 RB     | 5G NR FR1 TDD | 7.87     | ±9.6                   |
| 10803 | AAF | CP-OFDM, 100.0 MHz, QPSK, 30 kHz, 100.0% DC, 1 RB    | 5G NR FR1 TDD | 7.93     | ±9.6                   |
| 10805 | AAE | CP-OFDM, 10.0 MHz, QPSK, 30 kHz, 100.0% DC, 50% RB   | 5G NR FR1 TDD | 8.34     | ±9.6                   |
| 10806 | AAD | CP-OFDM, 15.0 MHz, QPSK, 30 kHz, 100.0% DC, 50% RB   | 5G NR FR1 TDD | 8.37     | ±9.6                   |
| 10809 | AAE | CP-OFDM, 30.0 MHz, QPSK, 30 kHz, 100.0% DC, 50% RB   | 5G NR FR1 TDD | 8.34     | ±9.6                   |
| 10810 | AAF | CP-OFDM, 40.0 MHz, QPSK, 30 kHz, 100.0% DC, 50% RB   | 5G NR FR1 TDD | 8.34     | ±9.6                   |
| 10812 | AAF | CP-OFDM, 60.0 MHz, QPSK, 30 kHz, 100.0% DC, 50% RB   | 5G NR FR1 TDD | 8.35     | ±9.6                   |
| 10817 | AAG | CP-OFDM, 5.0 MHz, QPSK, 30 kHz, 100.0% DC, 100% RB   | 5G NR FR1 TDD | 8.35     | ±9.6                   |
| 10818 | AAE | CP-OFDM, 10.0 MHz, QPSK, 30 kHz, 100.0% DC, 100% RB  | 5G NR FR1 TDD | 8.34     | ±9.6                   |
| 10819 | AAD | CP-OFDM, 15.0 MHz, QPSK, 30 kHz, 100.0% DC, 100% RB  | 5G NR FR1 TDD | 8.33     | ±9.6                   |
| 10820 | AAE | CP-OFDM, 20.0 MHz, QPSK, 30 kHz, 100.0% DC, 100% RB  | 5G NR FR1 TDD | 8.30     | ±9.6                   |
| 10821 | AAD | CP-OFDM, 25.0 MHz, QPSK, 30 kHz, 100.0% DC, 100% RB  | 5G NR FR1 TDD | 8.41     | ±9.6                   |
| 10822 | AAE | CP-OFDM, 30.0 MHz, QPSK, 30 kHz, 100.0% DC, 100% RB  | 5G NR FR1 TDD | 8.41     | ±9.6                   |
| 10823 | AAF | CP-OFDM, 40.0 MHz, QPSK, 30 kHz, 100.0% DC, 100% RB  | 5G NR FR1 TDD | 8.36     | ±9.6                   |
| 10824 | AAE | CP-OFDM, 50.0 MHz, QPSK, 30 kHz, 100.0% DC, 100% RB  | 5G NR FR1 TDD | 8.39     | ±9.6                   |
| 10825 | AAF | CP-OFDM, 60.0 MHz, QPSK, 30 kHz, 100.0% DC, 100% RB  | 5G NR FR1 TDD | 8.41     | ±9.6                   |
| 10827 | AAF | CP-OFDM, 80.0 MHz, QPSK, 30 kHz, 100.0% DC, 100% RB  | 5G NR FR1 TDD | 8.42     | ±9.6                   |
| 10828 | AAE | CP-OFDM, 90.0 MHz, QPSK, 30 kHz, 100.0% DC, 100% RB  | 5G NR FR1 TDD | 8.43     | ±9.6                   |
| 10829 | AAF | CP-OFDM, 100.0 MHz, QPSK, 30 kHz, 100.0% DC, 100% RB | 5G NR FR1 TDD | 8.40     | ±9.6                   |
| 10830 | AAE | CP-OFDM, 10.0 MHz, QPSK, 60 kHz, 99.9% DC, 1 RB      | 5G NR FR1 TDD | 7.63     | ±9.6                   |
| 10831 | AAD | CP-OFDM, 15.0 MHz, QPSK, 60 kHz, 99.9% DC, 1 RB      | 5G NR FR1 TDD | 7.73     | ±9.6                   |
| 10832 | AAE | CP-OFDM, 20.0 MHz, QPSK, 60 kHz, 99.9% DC, 1 RB      | 5G NR FR1 TDD | 7.74     | ±9.6                   |
| 10833 | AAD | CP-OFDM, 25.0 MHz, QPSK, 60 kHz, 99.9% DC, 1 RB      | 5G NR FR1 TDD | 7.70     | ±9.6                   |
| 10834 | AAE | CP-OFDM, 30.0 MHz, QPSK, 60 kHz, 100.0% DC, 1 RB     | 5G NR FR1 TDD | 7.75     | ±9.6                   |
| 10835 | AAF | CP-OFDM, 40.0 MHz, QPSK, 60 kHz, 100.0% DC, 1 RB     | 5G NR FR1 TDD | 7.70     | ±9.6                   |
| 10836 | AAE | CP-OFDM, 50.0 MHz, QPSK, 60 kHz, 100.0% DC, 1 RB     | 5G NR FR1 TDD | 7.66     | ±9.6                   |
| 10837 | AAF | CP-OFDM, 60.0 MHz, QPSK, 60 kHz, 100.0% DC, 1 RB     | 5G NR FR1 TDD | 7.68     | ±9.6                   |
| 10839 | AAF | CP-OFDM, 80.0 MHz, QPSK, 60 kHz, 100.0% DC, 1 RB     | 5G NR FR1 TDD | 7.70     | ±9.6                   |
| 10840 | AAE | CP-OFDM, 90.0 MHz, QPSK, 60 kHz, 100.0% DC, 1 RB     | 5G NR FR1 TDD | 7.67     | ±9.6                   |
| 10841 | AAF | CP-OFDM, 100.0 MHz, QPSK, 60 kHz, 100.0% DC, 1 RB    | 5G NR FR1 TDD | 7.71     | ±9.6                   |
| 10843 | AAD | CP-OFDM, 15.0 MHz, QPSK, 60 kHz, 100.0% DC, 50% RB   | 5G NR FR1 TDD | 8.49     | ±9.6                   |
| 10844 | AAE | CP-OFDM, 20.0 MHz, QPSK, 60 kHz, 100.0% DC, 50% RB   | 5G NR FR1 TDD | 8.34     | ±9.6                   |
| 10846 | AAE | CP-OFDM, 30.0 MHz, QPSK, 60 kHz, 100.0% DC, 50% RB   | 5G NR FR1 TDD | 8.41     | ±9.6                   |
| 10854 | AAE | CP-OFDM, 10.0 MHz, QPSK, 60 kHz, 100.0% DC, 100% RB  | 5G NR FR1 TDD | 8.34     | ±9.6                   |
| 10855 | AAD | CP-OFDM, 15.0 MHz, QPSK, 60 kHz, 100.0% DC, 100% RB  | 5G NR FR1 TDD | 8.36     | ±9.6                   |
| 10856 | AAE | CP-OFDM, 20.0 MHz, QPSK, 60 kHz, 100.0% DC, 100% RB  | 5G NR FR1 TDD | 8.37     | ±9.6                   |
| 10857 | AAD | CP-OFDM, 25.0 MHz, QPSK, 60 kHz, 100.0% DC, 100% RB  | 5G NR FR1 TDD | 8.35     | ±9.6                   |
| 10858 | AAE | CP-OFDM, 30.0 MHz, QPSK, 60 kHz, 100.0% DC, 100% RB  | 5G NR FR1 TDD | 8.36     | ±9.6                   |

| UID   | Rev | Communication System Name                                 | Group         | PAR (dB) | Unc <sup>E</sup> k = 2 |
|-------|-----|-----------------------------------------------------------|---------------|----------|------------------------|
| 10859 | AAF | CP-OFDM, 40.0 MHz, QPSK, 60 kHz, 100.0% DC, 100% RB       | 5G NR FR1 TDD | 8.34     | ±9.6                   |
| 10860 | AAE | CP-OFDM, 50.0 MHz, QPSK, 60 kHz, 100.0% DC, 100% RB       | 5G NR FR1 TDD | 8.41     | ±9.6                   |
| 10861 | AAF | CP-OFDM, 60.0 MHz, QPSK, 60 kHz, 100.0% DC, 100% RB       | 5G NR FR1 TDD | 8.40     | ±9.6                   |
| 10863 | AAF | CP-OFDM, 80.0 MHz, QPSK, 60 kHz, 100.0% DC, 100% RB       | 5G NR FR1 TDD | 8.41     | ±9.6                   |
| 10864 | AAE | CP-OFDM, 90.0 MHz, QPSK, 60 kHz, 100.0% DC, 100% RB       | 5G NR FR1 TDD | 8.37     | ±9.6                   |
| 10865 | AAF | CP-OFDM, 100.0 MHz, QPSK, 60 kHz, 100.0% DC, 100% RB      | 5G NR FR1 TDD | 8.41     | ±9.6                   |
| 10866 | AAF | DFT-s-OFDM, 100.0 MHz, QPSK, 30 kHz, 100.0% DC, 1 RB      | 5G NR FR1 TDD | 5.68     | ±9.6                   |
| 10868 | AAF | DFT-s-OFDM, 100.0 MHz, QPSK, 30 kHz, 100.0% DC, 100% RB   | 5G NR FR1 TDD | 5.89     | ±9.6                   |
| 10869 | AAE | DFT-s-OFDM, 100.0 MHz, QPSK, 120 kHz, 100.0% DC, 1 RB     | 5G NR FR2 TDD | 5.75     | ±9.6                   |
| 10870 | AAE | DFT-s-OFDM, 100.0 MHz, QPSK, 120 kHz, 100.0% DC, 100% RB  | 5G NR FR2 TDD | 5.86     | ±9.6                   |
| 10871 | AAE | DFT-s-OFDM, 100.0 MHz, 16QAM, 120 kHz, 100.0% DC, 1 RB    | 5G NR FR2 TDD | 5.75     | ±9.6                   |
| 10872 | AAE | DFT-s-OFDM, 100.0 MHz, 16QAM, 120 kHz, 100.0% DC, 100% RB | 5G NR FR2 TDD | 6.52     | ±9.6                   |
| 10873 | AAE | DFT-s-OFDM, 100.0 MHz, 64QAM, 120 kHz, 100.0% DC, 1 RB    | 5G NR FR2 TDD | 6.61     | ±9.6                   |
| 10874 | AAE | DFT-s-OFDM, 100.0 MHz, 64QAM, 120 kHz, 100.0% DC, 100% RB | 5G NR FR2 TDD | 6.65     | ±9.6                   |
| 10875 | AAE | CP-OFDM, 100.0 MHz, QPSK, 120 kHz, 100.0% DC, 1 RB        | 5G NR FR2 TDD | 7.78     | ±9.6                   |
| 10876 | AAE | CP-OFDM, 100.0 MHz, QPSK, 120 kHz, 100.0% DC, 100% RB     | 5G NR FR2 TDD | 8.39     | ±9.6                   |
| 10877 | AAE | CP-OFDM, 100.0 MHz, 16QAM, 120 kHz, 100.0% DC, 1 RB       | 5G NR FR2 TDD | 7.95     | ±9.6                   |
| 10878 | AAE | CP-OFDM, 100.0 MHz, 16QAM, 120 kHz, 100.0% DC, 100% RB    | 5G NR FR2 TDD | 8.41     | ±9.6                   |
| 10879 | AAE | CP-OFDM, 100.0 MHz, 64QAM, 120 kHz, 100.0% DC, 1 RB       | 5G NR FR2 TDD | 8.12     | ±9.6                   |
| 10880 | AAE | CP-OFDM, 100.0 MHz, 64QAM, 120 kHz, 100.0% DC, 100% RB    | 5G NR FR2 TDD | 8.38     | ±9.6                   |
| 10881 | AAE | DFT-s-OFDM, 50.0 MHz, QPSK, 120 kHz, 100.0% DC, 1 RB      | 5G NR FR2 TDD | 5.75     | ±9.6                   |
| 10882 | AAE | DFT-s-OFDM, 50.0 MHz, QPSK, 120 kHz, 100.0% DC, 100% RB   | 5G NR FR2 TDD | 5.96     | ±9.6                   |
| 10883 | AAE | DFT-s-OFDM, 50.0 MHz, 16QAM, 120 kHz, 100.0% DC, 1 RB     | 5G NR FR2 TDD | 6.57     | ±9.6                   |
| 10884 | AAE | DFT-s-OFDM, 50.0 MHz, 16QAM, 120 kHz, 100.0% DC, 100% RB  | 5G NR FR2 TDD | 6.53     | ±9.6                   |
| 10885 | AAE | DFT-s-OFDM, 50.0 MHz, 64QAM, 120 kHz, 100.0% DC, 1 RB     | 5G NR FR2 TDD | 6.61     | ±9.6                   |
| 10886 | AAE | DFT-s-OFDM, 50.0 MHz, 64QAM, 120 kHz, 100.0% DC, 100% RB  | 5G NR FR2 TDD | 6.65     | ±9.6                   |
| 10887 | AAE | CP-OFDM, 50.0 MHz, QPSK, 120 kHz, 99.9% DC, 1 RB          | 5G NR FR2 TDD | 7.78     | ±9.6                   |
| 10888 | AAE | CP-OFDM, 50.0 MHz, QPSK, 120 kHz, 100.0% DC, 100% RB      | 5G NR FR2 TDD | 8.35     | ±9.6                   |
| 10889 | AAE | CP-OFDM, 50.0 MHz, 16QAM, 120 kHz, 100.0% DC, 1 RB        | 5G NR FR2 TDD | 8.02     | ±9.6                   |
| 10890 | AAE | CP-OFDM, 50.0 MHz, 16QAM, 120 kHz, 100.0% DC, 100% RB     | 5G NR FR2 TDD | 8.40     | ±9.6                   |
| 10891 | AAE | CP-OFDM, 50.0 MHz, 64QAM, 120 kHz, 100.0% DC, 1 RB        | 5G NR FR2 TDD | 8.13     | ±9.6                   |
| 10892 | AAE | CP-OFDM, 50.0 MHz, 64QAM, 120 kHz, 100.0% DC, 100% RB     | 5G NR FR2 TDD | 8.41     | ±9.6                   |
| 10897 | AAE | DFT-s-OFDM, 5.0 MHz, QPSK, 30 kHz, 99.9% DC, 1 RB         | 5G NR FR1 TDD | 5.66     | ±9.6                   |
| 10898 | AAC | DFT-s-OFDM, 10.0 MHz, QPSK, 30 kHz, 100.0% DC, 1 RB       | 5G NR FR1 TDD | 5.67     | ±9.6                   |
| 10899 | AAB | DFT-s-OFDM, 15.0 MHz, QPSK, 30 kHz, 100.0% DC, 1 RB       | 5G NR FR1 TDD | 5.67     | ±9.6                   |
| 10900 | AAC | DFT-s-OFDM, 20.0 MHz, QPSK, 30 kHz, 100.0% DC, 1 RB       | 5G NR FR1 TDD | 5.68     | ±9.6                   |
| 10901 | AAB | DFT-s-OFDM, 25.0 MHz, QPSK, 30 kHz, 100.0% DC, 1 RB       | 5G NR FR1 TDD | 5.68     | ±9.6                   |
| 10902 | AAC | DFT-s-OFDM, 30.0 MHz, QPSK, 30 kHz, 100.0% DC, 1 RB       | 5G NR FR1 TDD | 5.68     | ±9.6                   |
| 10903 | AAD | DFT-s-OFDM, 40.0 MHz, QPSK, 30 kHz, 100.0% DC, 1 RB       | 5G NR FR1 TDD | 5.68     | ±9.6                   |
| 10904 | AAC | DFT-s-OFDM, 50.0 MHz, QPSK, 30 kHz, 100.0% DC, 1 RB       | 5G NR FR1 TDD | 5.68     | ±9.6                   |
| 10905 | AAD | DFT-s-OFDM, 60.0 MHz, QPSK, 30 kHz, 100.0% DC, 1 RB       | 5G NR FR1 TDD | 5.68     | ±9.6                   |
| 10906 | AAD | DFT-s-OFDM, 80.0 MHz, QPSK, 30 kHz, 100.0% DC, 1 RB       | 5G NR FR1 TDD | 5.68     | ±9.6                   |
| 10907 | AAE | DFT-s-OFDM, 5.0 MHz, QPSK, 30 kHz, 100.0% DC, 50% RB      | 5G NR FR1 TDD | 5.78     | ±9.6                   |
| 10908 | AAC | DFT-s-OFDM, 10.0 MHz, QPSK, 30 kHz, 100.0% DC, 50% RB     | 5G NR FR1 TDD | 5.93     | ±9.6                   |
| 10909 | AAB | DFT-s-OFDM, 15.0 MHz, QPSK, 30 kHz, 100.0% DC, 50% RB     | 5G NR FR1 TDD | 5.96     | ±9.6                   |
| 10910 | AAC | DFT-s-OFDM, 20.0 MHz, QPSK, 30 kHz, 100.0% DC, 50% RB     | 5G NR FR1 TDD | 5.83     | ±9.6                   |
| 10911 | AAB | DFT-s-OFDM, 25.0 MHz, QPSK, 30 kHz, 100.0% DC, 50% RB     | 5G NR FR1 TDD | 5.93     | ±9.6                   |
| 10912 | AAC | DFT-s-OFDM, 30.0 MHz, QPSK, 30 kHz, 100.0% DC, 50% RB     | 5G NR FR1 TDD | 5.84     | ±9.6                   |
| 10913 | AAD | DFT-s-OFDM, 40.0 MHz, QPSK, 30 kHz, 100.0% DC, 50% RB     | 5G NR FR1 TDD | 5.84     | ±9.6                   |
| 10914 | AAC | DFT-s-OFDM, 50.0 MHz, QPSK, 30 kHz, 100.0% DC, 50% RB     | 5G NR FR1 TDD | 5.85     | ±9.6                   |
| 10915 | AAD | DFT-s-OFDM, 60.0 MHz, QPSK, 30 kHz, 100.0% DC, 50% RB     | 5G NR FR1 TDD | 5.83     | ±9.6                   |
| 10916 | AAD | DFT-s-OFDM, 80.0 MHz, QPSK, 30 kHz, 100.0% DC, 50% RB     | 5G NR FR1 TDD | 5.87     | ±9.6                   |
| 10917 | AAD | DFT-s-OFDM, 100.0 MHz, QPSK, 30 kHz, 100.0% DC, 50% RB    | 5G NR FR1 TDD | 5.94     | ±9.6                   |
| 10918 | AAE | DFT-s-OFDM, 5.0 MHz, QPSK, 30 kHz, 100.0% DC, 100% RB     | 5G NR FR1 TDD | 5.86     | ±9.6                   |
| 10919 | AAC | DFT-s-OFDM, 10.0 MHz, QPSK, 30 kHz, 100.0% DC, 100% RB    | 5G NR FR1 TDD | 5.86     | ±9.6                   |
| 10920 | AAB | DFT-s-OFDM, 15.0 MHz, QPSK, 30 kHz, 100.0% DC, 100% RB    | 5G NR FR1 TDD | 5.87     | ±9.6                   |
| 10921 | AAC | DFT-s-OFDM, 20.0 MHz, QPSK, 30 kHz, 100.0% DC, 100% RB    | 5G NR FR1 TDD | 5.84     | ±9.6                   |
| 10922 | AAB | DFT-s-OFDM, 25.0 MHz, QPSK, 30 kHz, 100.0% DC, 100% RB    | 5G NR FR1 TDD | 5.82     | ±9.6                   |
| 10923 | AAC | DFT-s-OFDM, 30.0 MHz, QPSK, 30 kHz, 100.0% DC, 100% RB    | 5G NR FR1 TDD | 5.84     | ±9.6                   |
| 10924 | AAD | DFT-s-OFDM, 40.0 MHz, QPSK, 30 kHz, 100.0% DC, 100% RB    | 5G NR FR1 TDD | 5.84     | ±9.6                   |
| 10925 | AAC | DFT-s-OFDM, 50.0 MHz, QPSK, 30 kHz, 100.0% DC, 100% RB    | 5G NR FR1 TDD | 5.95     | ±9.6                   |
| 10926 | AAD | DFT-s-OFDM, 60.0 MHz, QPSK, 30 kHz, 100.0% DC, 100% RB    | 5G NR FR1 TDD | 5.84     | ±9.6                   |
| 10927 | AAD | DFT-s-OFDM, 80.0 MHz, QPSK, 30 kHz, 100.0% DC, 100% RB    | 5G NR FR1 TDD | 5.94     | ±9.6                   |
| 10928 | AAD | DFT-s-OFDM, 5.0 MHz, QPSK, 15 kHz, 1 RB                   | 5G NR FR1 FDD | 5.52     | ±9.6                   |
| 10929 | AAD | DFT-s-OFDM, 10.0 MHz, QPSK, 15 kHz, 1 RB                  | 5G NR FR1 FDD | 5.52     | ±9.6                   |
| 10930 | AAC | DFT-s-OFDM, 15.0 MHz, QPSK, 15 kHz, 1 RB                  | 5G NR FR1 FDD | 5.52     | ±9.6                   |