

### Appendix A. Plots of System Verification

The plots for system verification are shown as follows.

## Plots of System Verification

Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab

Date: 2022/12/6

### S16 System Check\_H2450\_221206

**DUT: Dipole 2450 MHz; Type: D2450V2; SN: 737**

Communication System: UID 0, CW; Frequency: 2450 MHz; Duty Cycle: 1:1

Medium: H06T27N7\_1206 Medium parameters used:  $f = 2450$  MHz;  $\sigma = 1.812$  S/m;  $\epsilon_r = 38.418$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.0 °C ; Liquid Temperature : 20.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7696; ConvF(8.11, 8.11, 8.11) @ 2450 MHz; Calibrated: 2022/1/20
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1590; Calibrated: 2022/9/22
- Phantom: ELI Phantom\_1205; Type: QDOVA002AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

**Pin=50mW/Area Scan (81x81x1):** Interpolated grid:  $dx=1.200$  mm,  $dy=1.200$  mm

Maximum value of SAR (interpolated) = 3.82 W/kg

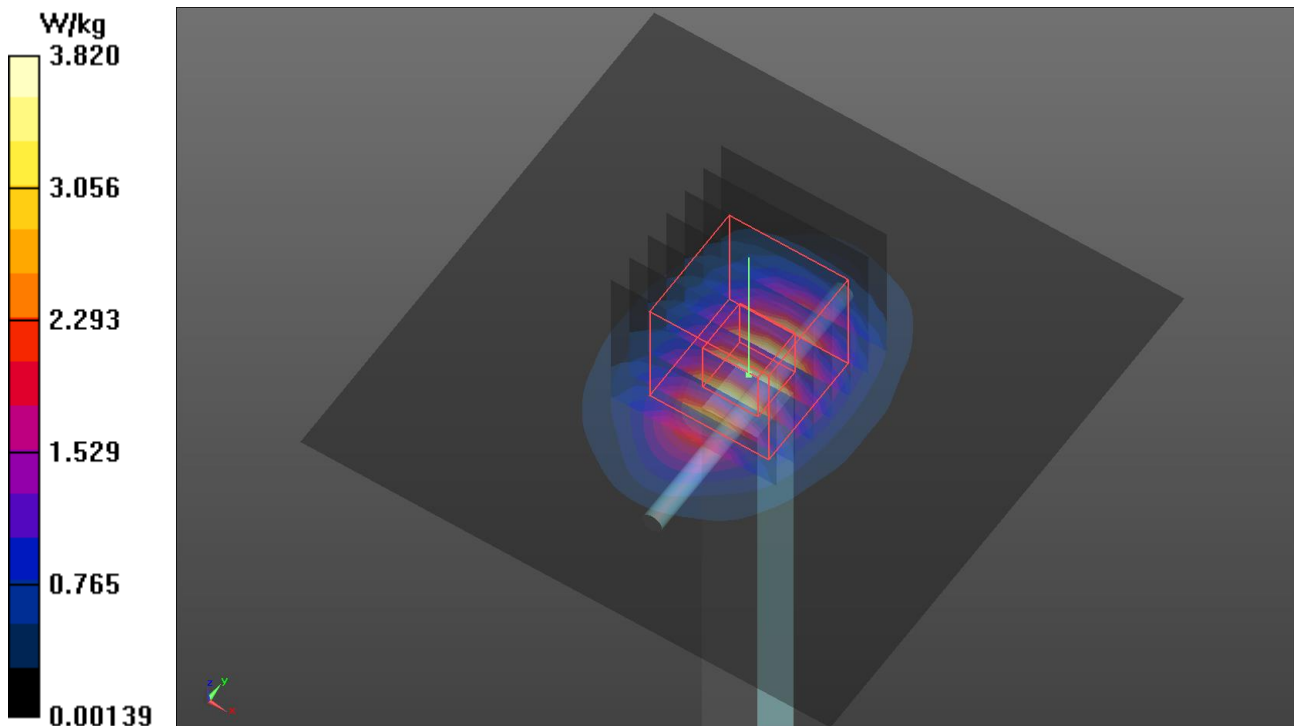
**Pin=50mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 47.17 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 4.77 W/kg

**SAR(1 g) = 2.51 W/kg; SAR(10 g) = 1.16 W/kg** (SAR corrected for target medium)

Maximum value of SAR (measured) = 3.83 W/kg



## Plots of System Verification

Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab

Date: 2022/12/6

### S17 System Check\_H5250\_221206

**DUT: Dipole 5 GHz; Type: D5GHzV2; SN: 1019**

Communication System: UID 0, CW; Frequency: 5250 MHz; Duty Cycle: 1:1

Medium: H51T72N7\_1206 Medium parameters used:  $f = 5250$  MHz;  $\sigma = 4.6$  S/m;  $\epsilon_r = 36.316$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.0 °C ; Liquid Temperature : 20.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7696; ConvF(6, 6, 6) @ 5250 MHz; Calibrated: 2022/1/20
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1590; Calibrated: 2022/9/22
- Phantom: ELI Phantom\_1205; Type: QDOVA002AA; Serial:
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

**Pin=50mW/Area Scan (91x91x1):** Interpolated grid:  $dx=1.000$  mm,  $dy=1.000$  mm

Maximum value of SAR (interpolated) = 7.51 W/kg

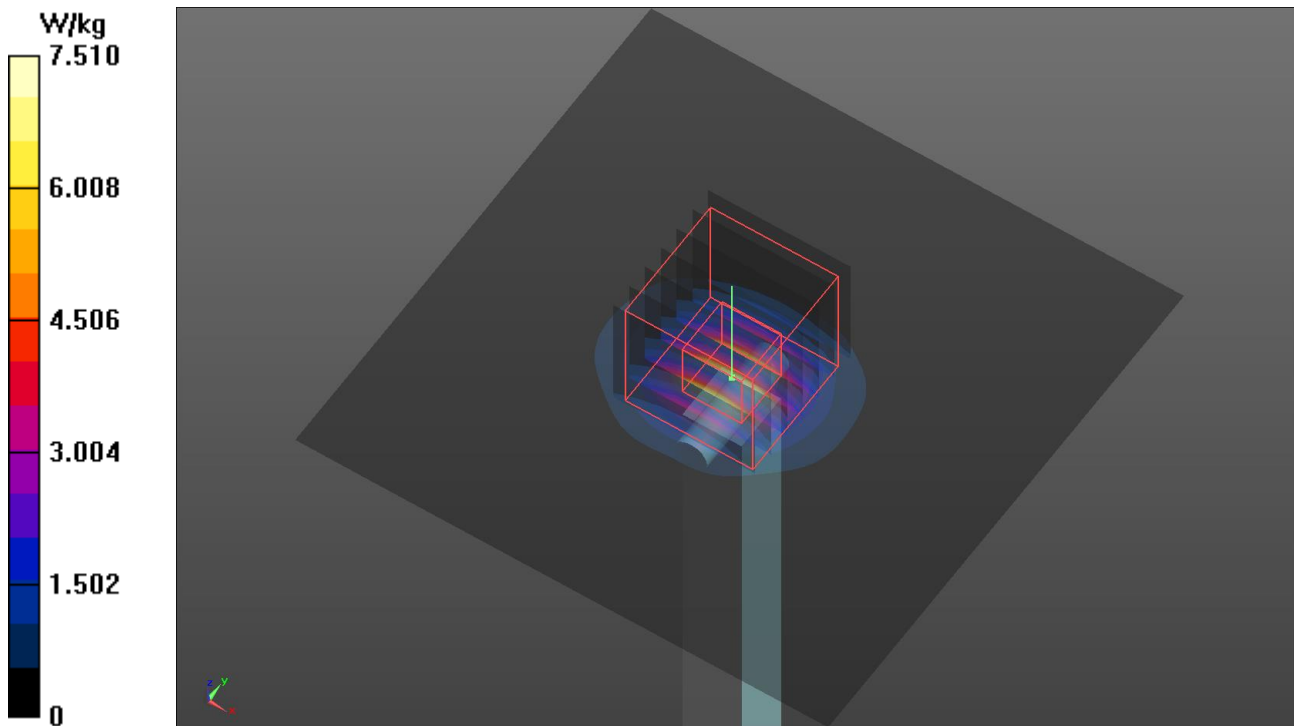
**Pin=50mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=4$ mm,  $dy=4$ mm,  $dz=1.4$ mm

Reference Value = 45.58 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 12.9 W/kg

**SAR(1 g) = 4.08 W/kg; SAR(10 g) = 1.18 W/kg** (SAR corrected for target medium)

Maximum value of SAR (measured) = 8.17 W/kg



## Plots of System Verification

Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab

Date: 2022/12/7

### S18 System Check\_H5600\_221207

**DUT: Dipole 5 GHz; Type: D5GHzV2; SN: 1019**

Communication System: UID 0, CW; Frequency: 5600 MHz; Duty Cycle: 1:1

Medium: H51T72N4\_1207 Medium parameters used:  $f = 5600$  MHz;  $\sigma = 4.909$  S/m;  $\epsilon_r = 35.423$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.4 °C ; Liquid Temperature : 21.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3971; ConvF(4.8, 4.8, 4.8) @ 5600 MHz; Calibrated: 2022/1/25
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2022/1/19
- Phantom: ELI\_Phantom\_1204; Type: QD OVA 002 Ax; Serial: 1204
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

**Pin=50mW/Area Scan (91x91x1):** Interpolated grid:  $dx=1.000$  mm,  $dy=1.000$  mm

Maximum value of SAR (interpolated) = 10.1 W/kg

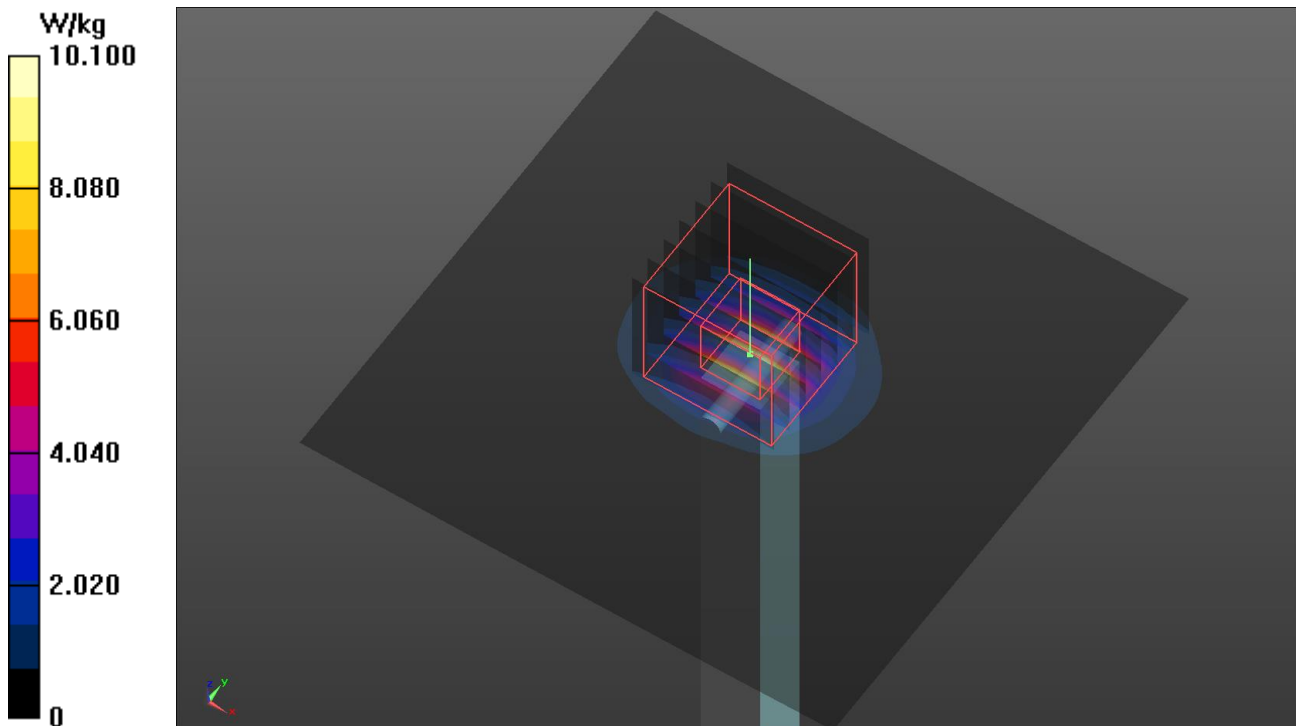
**Pin=50mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=4$ mm,  $dy=4$ mm,  $dz=1.4$ mm

Reference Value = 49.09 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 18.5 W/kg

**SAR(1 g) = 4.19 W/kg; SAR(10 g) = 1.19 W/kg** (SAR corrected for target medium)

Maximum value of SAR (measured) = 10.9 W/kg



## Plots of System Verification

Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab

Date: 2022/12/7

### S20 System Check\_H5750\_221207

**DUT: Dipole 5 GHz; Type: D5GHzV2; SN: 1019**

Communication System: UID 0, CW; Frequency: 5750 MHz; Duty Cycle: 1:1

Medium: H51T72N4\_1207 Medium parameters used:  $f = 5750$  MHz;  $\sigma = 5.083$  S/m;  $\epsilon_r = 35.175$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.4 °C ; Liquid Temperature : 21.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3971; ConvF(4.85, 4.85, 4.85) @ 5750 MHz; Calibrated: 2022/1/25
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2022/1/19
- Phantom: ELI\_Phantom\_1204; Type: QD OVA 002 Ax; Serial: 1204
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

**Pin=50mW/Area Scan (91x91x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 9.28 W/kg

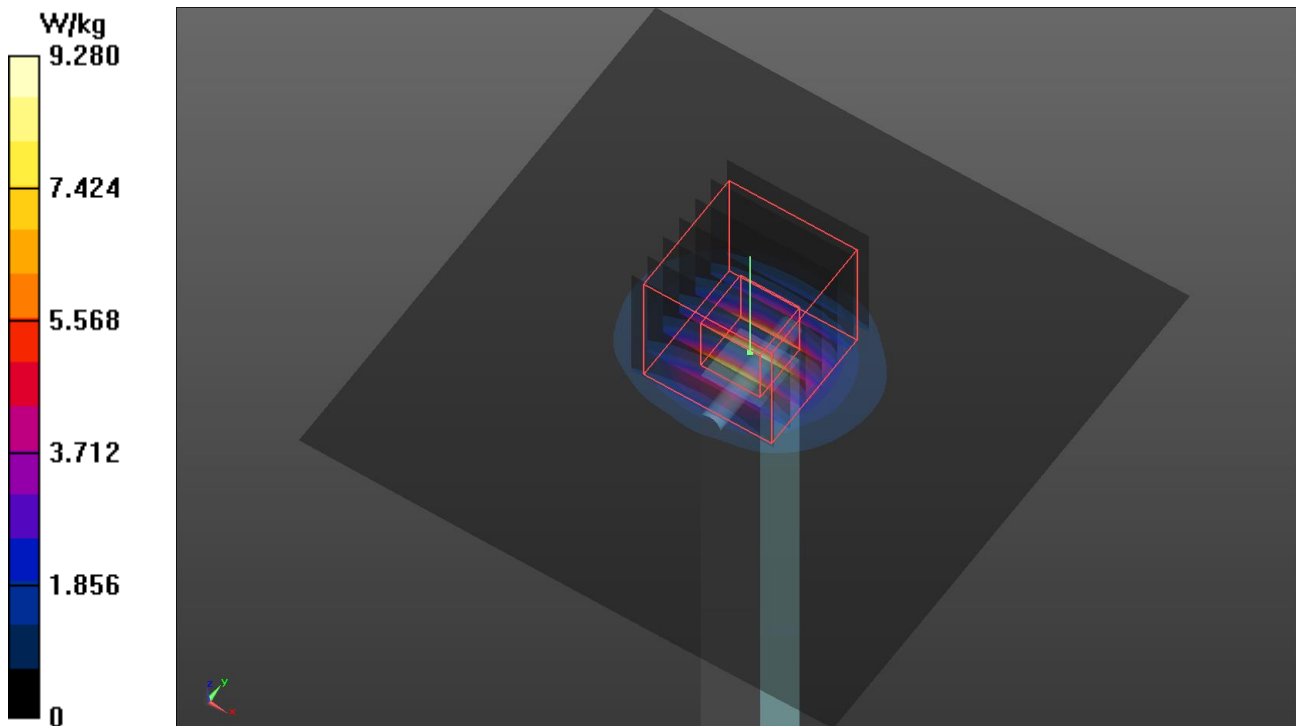
**Pin=50mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 46.39 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 17.3 W/kg

**SAR(1 g) = 3.82 W/kg; SAR(10 g) = 1.09 W/kg** (SAR corrected for target medium)

Maximum value of SAR (measured) = 10.0 W/kg



## Plots of System Verification

Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab

Date: 2022/12/6

### S21 System Check\_H2450\_221206

**DUT: Dipole 2450 MHz; Type: D2450V2; SN: 737**

Communication System: UID 0, CW; Frequency: 2450 MHz; Duty Cycle: 1:1

Medium: H06T27N7\_1206 Medium parameters used:  $f = 2450$  MHz;  $\sigma = 1.812$  S/m;  $\epsilon_r = 38.418$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.0 °C ; Liquid Temperature : 20.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7696; ConvF(8.11, 8.11, 8.11) @ 2450 MHz; Calibrated: 2022/1/20
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1590; Calibrated: 2022/9/22
- Phantom: ELI Phantom\_1205; Type: QDOVA002AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

**Pin=50mW/Area Scan (81x81x1):** Interpolated grid:  $dx=1.200$  mm,  $dy=1.200$  mm

Maximum value of SAR (interpolated) = 3.82 W/kg

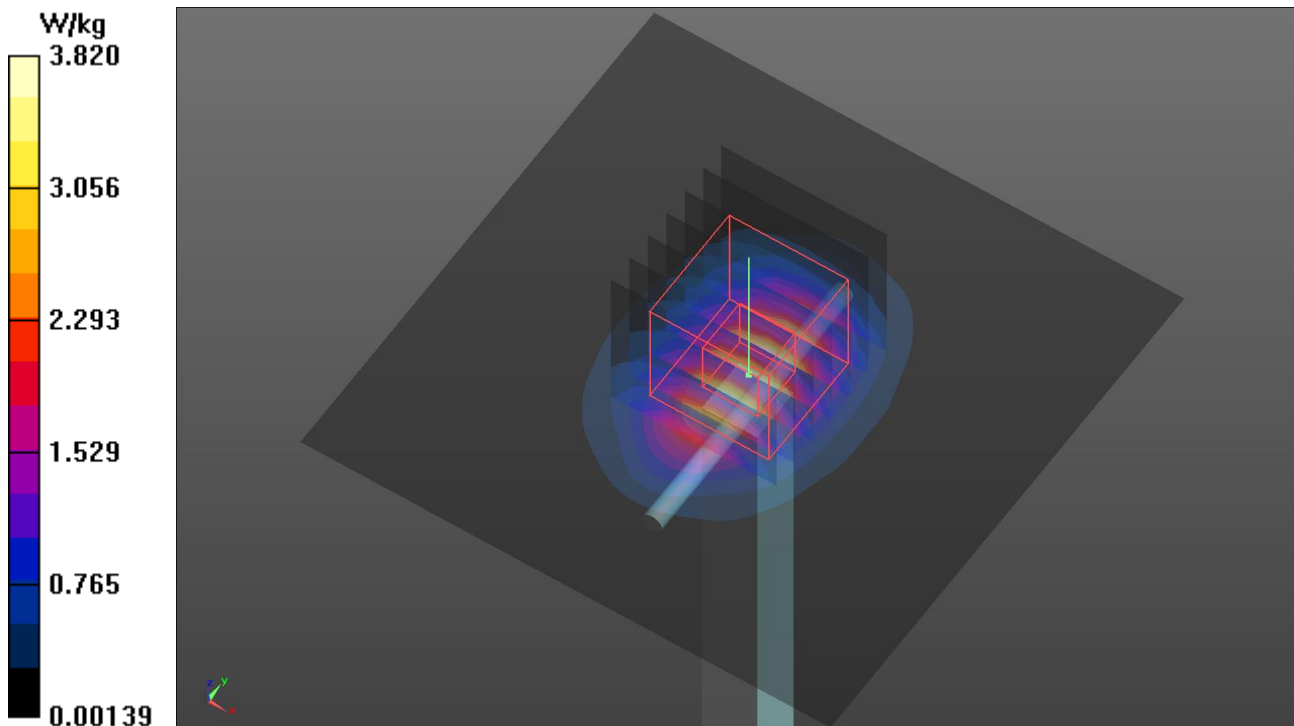
**Pin=50mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 47.17 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 4.77 W/kg

**SAR(1 g) = 2.51 W/kg; SAR(10 g) = 1.16 W/kg** (SAR corrected for target medium)

Maximum value of SAR (measured) = 3.83 W/kg



# Plots of System Verification

## Measurement Report S22 System Check H6.5GHz\_221206 Device under Test Properties

| Model, Manufacturer | Dimensions [mm]   | IMEI | DUT Type |
|---------------------|-------------------|------|----------|
| Dipole,             | 50.0 x 10.0 x 8.0 |      |          |

## Exposure Conditions

| Phantom<br>Section, TSL | Position, Test<br>Distance [mm] | Band | Group,<br>UID | Frequency<br>[MHz],<br>Channel Number | Conversion<br>Factor | TSL Conductivity<br>[S/m] | TSL Permittivity |
|-------------------------|---------------------------------|------|---------------|---------------------------------------|----------------------|---------------------------|------------------|
| Flat,<br>HSL            |                                 |      |               | 6500                                  | 5.45                 | 6.17                      | 33.8             |

## Hardware Setup

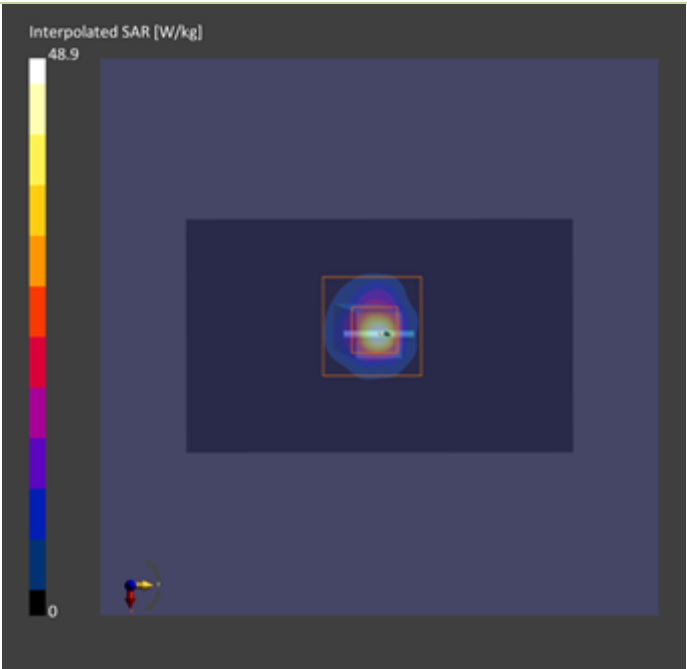
| Phantom                               | TSL, Measured Date    | Probe, Calibration Date     | DAE, Calibration Date   |
|---------------------------------------|-----------------------|-----------------------------|-------------------------|
| ELI V5.0 (20deg probe tilt) -<br>1204 | H51T72N4, 2022-Dec-06 | EX3DV4 - SN3971, 2022-01-25 | DAE4 Sn1277, 2022-01-19 |

## 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<br>[mm] | 3.0         | 1.4                |

## Measurement Results

|                               | Area Scan  | Zoom Scan  |
|-------------------------------|------------|------------|
| Date                          | 2022-12-06 | 2022-12-06 |
| psSAR1g [W/kg]                | 25.7       | 29.8       |
| psSAR10g [W/kg]               | 5.05       | 5.46       |
| psPDab (1.0cm2, sq)<br>[W/m2] |            | 298        |
| psPDab (4.0cm2, sq)<br>[W/m2] |            | 135        |
| Power Drift [dB]              | 0.02       | -0.04      |



# Plots of System Verification

## Measurement Report S22 PD\_System Check\_10 GHz\_2022.12.09 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 |          |

## Exposure Conditions

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

## Hardware Setup

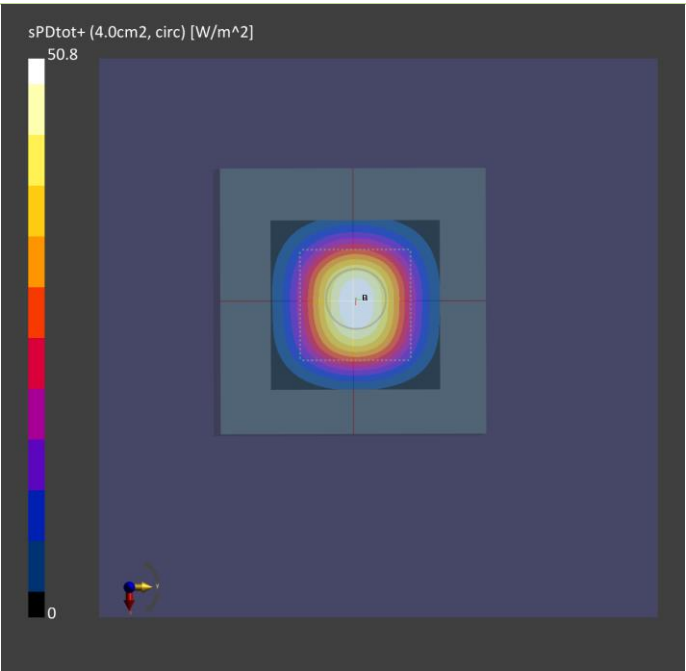
| Phantom      | Medium | Probe, Calibration Date                  | DAE, Calibration Date   |
|--------------|--------|------------------------------------------|-------------------------|
| mmWave- 1029 | Air--- | EUmmWV4 - SN9438_F1-55GHz,<br>2022-07-18 | DAE4 Sn1341, 2022-07-19 |

## 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          |

## Measurement Results

|                              | 5G Scan    |
|------------------------------|------------|
| Date                         | 2022-12-09 |
| Avg. Area [cm <sup>2</sup> ] | 4.00       |
| psPDn+ [W/m <sup>2</sup> ]   | 50.0       |
| psPDtot+ [W/m <sup>2</sup> ] | 50.8       |
| psPDmod+ [W/m <sup>2</sup> ] | 51.1       |
| E <sub>max</sub> [V/m]       | 144        |
| Power Drift [dB]             | 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

Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab

Date: 2022/12/6

**P16 WLAN2.4G\_802.11n HT40\_Bottom\_0mm\_Ch3\_Speed\_Ant 0+1**

**DUT: BEDW-WTW-P22090631**

Communication System: UID 10599 - AAC, IEEE 802.11n (HT Mixed, 40MHz, MCS0); Frequency: 2422 MHz; Duty Cycle: 1:1.01

Medium: H06T27N7\_1206 Medium parameters used:  $f = 2422$  MHz;  $\sigma = 1.793$  S/m;  $\epsilon_r = 38.461$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.0 °C ; Liquid Temperature : 20.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7696; ConvF(8.11, 8.11, 8.11) @ 2422 MHz; Calibrated: 2022/1/20
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1590; Calibrated: 2022/9/22
- Phantom: ELI Phantom\_1205; Type: QDOVA002AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

**Area Scan (71x341x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 1.42 W/kg

**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 26.24 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 1.70 W/kg

**SAR(1 g) = 0.762 W/kg; SAR(10 g) = 0.320 W/kg** (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 6.7 mm

Ratio of SAR at M2 to SAR at M1 = 48%

Maximum value of SAR (measured) = 1.24 W/kg

**Zoom Scan (7x7x7)/Cube 1:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 26.24 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 1.57 W/kg

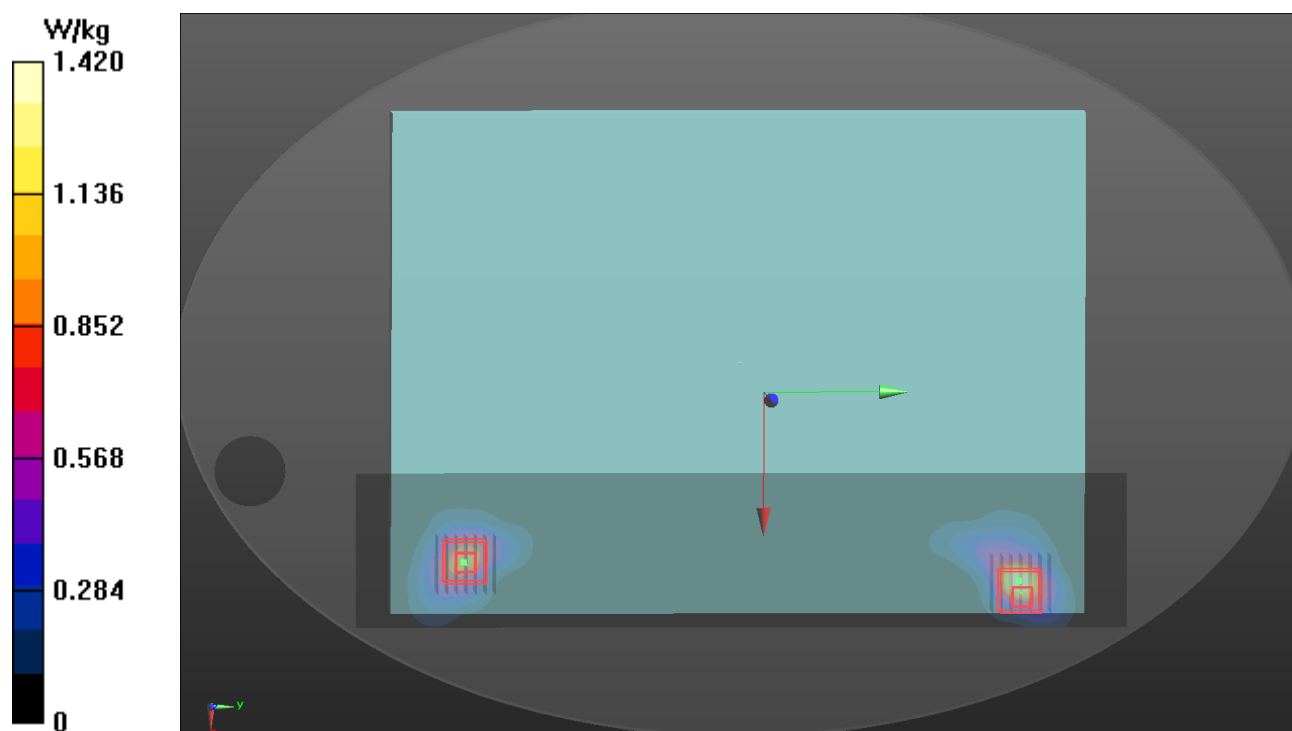
**SAR(1 g) = 0.749 W/kg; SAR(10 g) = 0.343 W/kg** (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 8.5 mm

Ratio of SAR at M2 to SAR at M1 = 52.1%

Maximum value of SAR (measured) = 1.21 W/kg

## Plots of Measurement



## Plots of Measurement

Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab

Date: 2022/12/6

**P17 WLAN5.3G\_802.11ac VHT160\_Bottom\_0mm\_Ch50\_Speed\_Ant 1**

**DUT: BEDW-WTW-P22090631**

Communication System: UID 10554 - AAD, IEEE 802.11ac WiFi (160MHz, MCS0); Frequency: 5250 MHz; Duty Cycle: 1:1.01

Medium: H51T72N7\_1206 Medium parameters used:  $f = 5250$  MHz;  $\sigma = 4.6$  S/m;  $\epsilon_r = 36.316$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.0 °C ; Liquid Temperature : 20.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7696; ConvF(6, 6, 6) @ 5250 MHz; Calibrated: 2022/01/20
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1590; Calibrated: 2022/09/22
- Phantom: ELI Phantom\_1205; Type: QDOVA002AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

**Area Scan (81x401x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 2.27 W/kg

**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 20.83 V/m; Power Drift = -0.13 dB

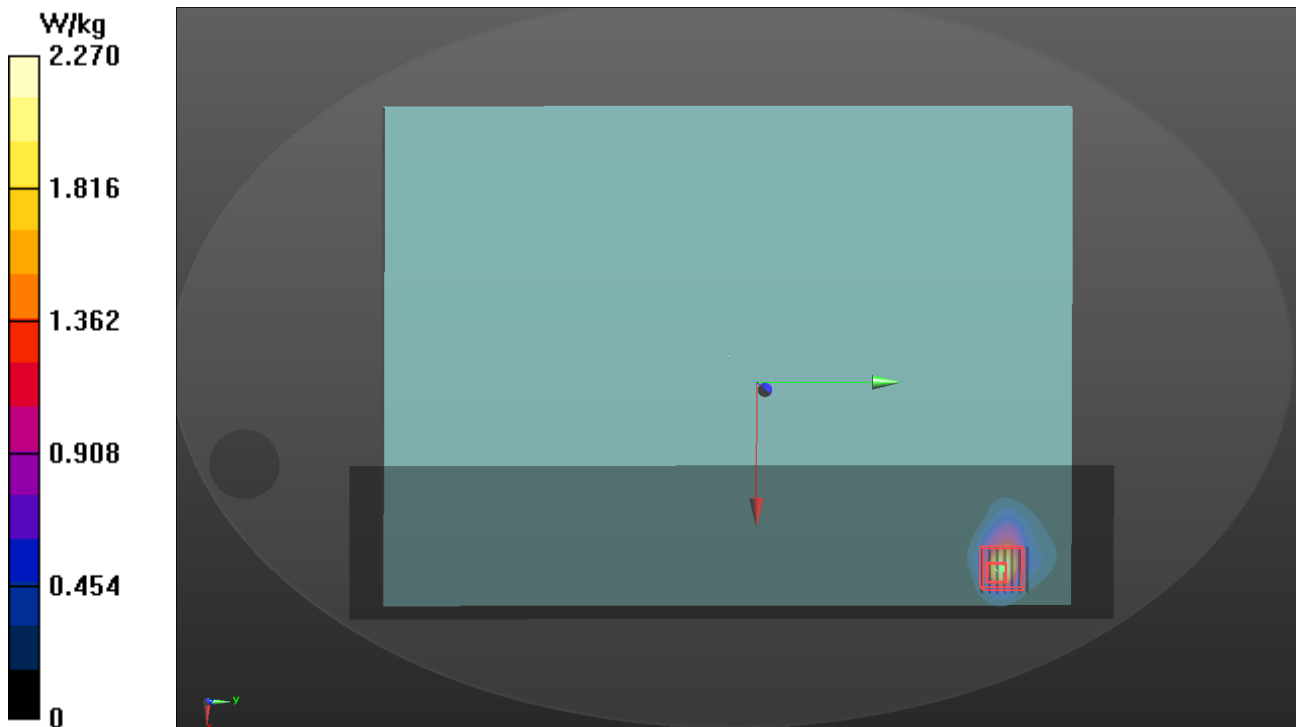
Peak SAR (extrapolated) = 2.72 W/kg

**SAR(1 g) = 0.790 W/kg; SAR(10 g) = 0.276 W/kg** (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 8.2 mm

Ratio of SAR at M2 to SAR at M1 = 66.7%

Maximum value of SAR (measured) = 1.74 W/kg



## Plots of Measurement

Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab

Date: 2022/12/7

**P18 WLAN5.6G\_802.11ac VHT160\_Bottom\_0mm\_Ch114\_Speed\_Ant 0+1**

**DUT: BEDW-WTW-P22090631**

Communication System: UID 10554 - AAD, IEEE 802.11ac WiFi (160MHz, MCS0); Frequency: 5570 MHz; Duty Cycle: 1:1.01

Medium: H51T72N4\_1207 Medium parameters used:  $f = 5570$  MHz;  $\sigma = 4.874$  S/m;  $\epsilon_r = 35.478$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.4 °C ; Liquid Temperature : 21.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3971; ConvF(4.8, 4.8, 4.8) @ 5570 MHz; Calibrated: 2022/1/25
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2022/1/19
- Phantom: ELI\_Phantom\_1204; Type: QD OVA 002 Ax; Serial: 1204
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

**Area Scan (81x401x1):** Interpolated grid:  $dx=1.000$  mm,  $dy=1.000$  mm  
Maximum value of SAR (interpolated) = 1.76 W/kg

**Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=4$ mm,  $dy=4$ mm,  $dz=1.4$ mm

Reference Value = 19.33 V/m; Power Drift = 0.01 dB

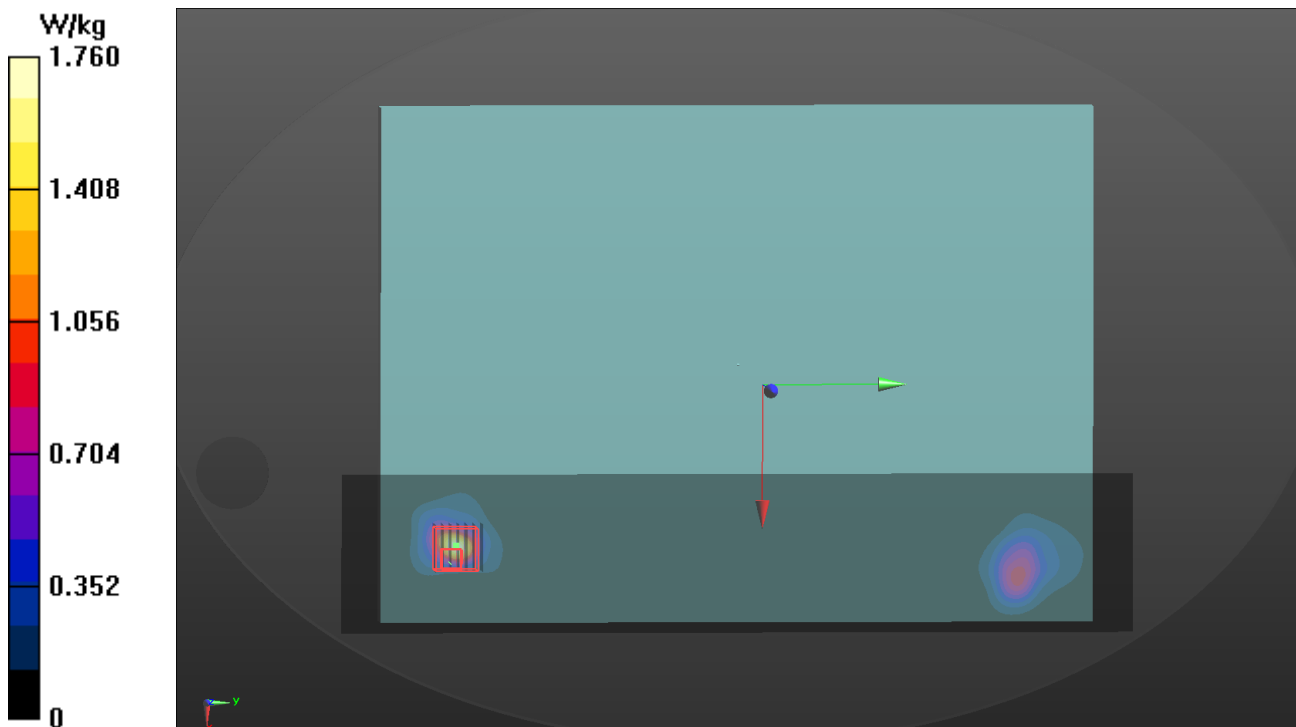
Peak SAR (extrapolated) = 3.70 W/kg

**SAR(1 g) = 0.826 W/kg; SAR(10 g) = 0.240 W/kg** (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 7.4 mm

Ratio of SAR at M2 to SAR at M1 = 62%

Maximum value of SAR (measured) = 2.07 W/kg



## Plots of Measurement

Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab

Date: 2022/12/7

**P20 WLAN5.8G\_802.11ac VHT80\_Bottom\_0mm\_Ch155\_Speed\_Ant 0+1**

**DUT: BEDW-WTW-P22090631**

Communication System: UID 10544 - AAC, IEEE 802.11ac WiFi (80MHz, MCS0); Frequency: 5775 MHz; Duty Cycle: 1:1.01

Medium: H51T72N4\_1207 Medium parameters used:  $f = 5775$  MHz;  $\sigma = 5.111$  S/m;  $\epsilon_r = 35.137$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.4 °C ; Liquid Temperature : 21.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3971; ConvF(4.85, 4.85, 4.85) @ 5775 MHz; Calibrated: 2022/1/25
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2022/1/19
- Phantom: ELI\_Phantom\_1204; Type: QD OVA 002 Ax; Serial: 1204
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

**Area Scan (81x401x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 1.50 W/kg

**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 18.60 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 3.98 W/kg

**SAR(1 g) = 0.873 W/kg; SAR(10 g) = 0.262 W/kg** (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 7.2 mm

Ratio of SAR at M2 to SAR at M1 = 61.4%

Maximum value of SAR (measured) = 2.25 W/kg

**Zoom Scan (7x7x7)/Cube 1:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 18.60 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 2.95 W/kg

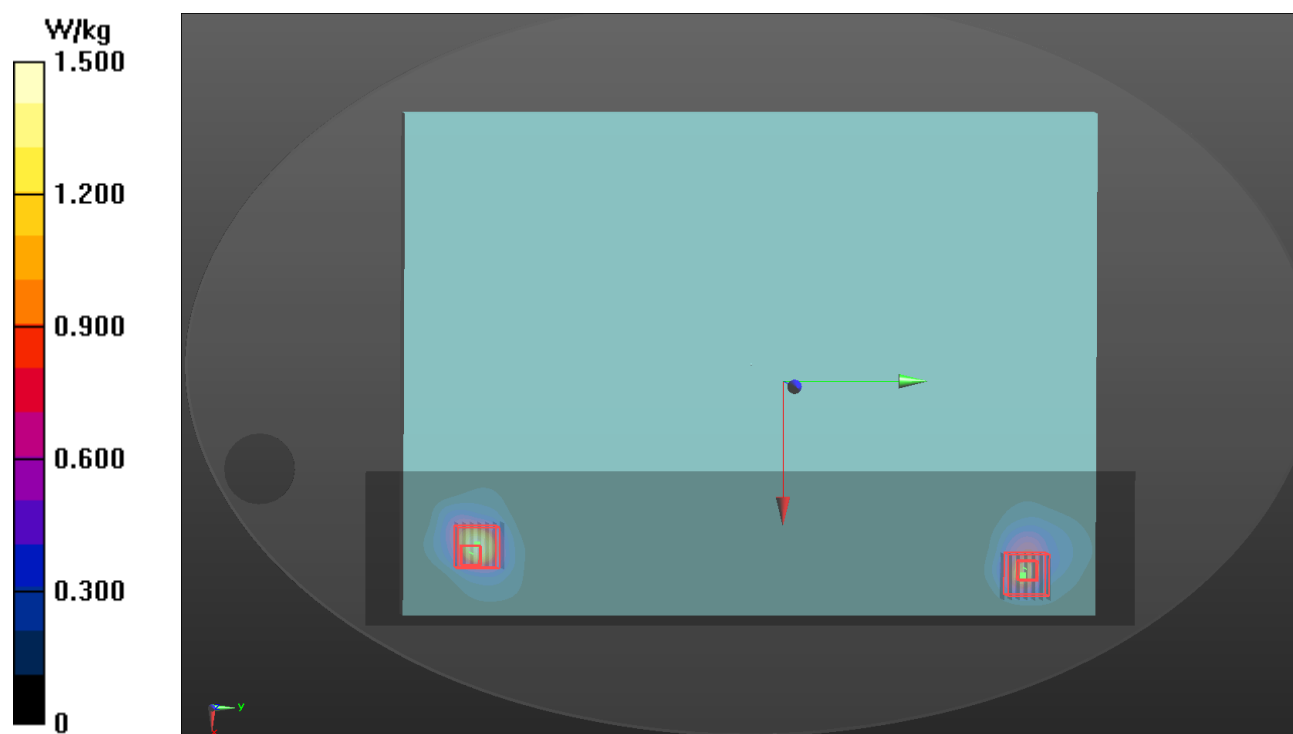
**SAR(1 g) = 0.740 W/kg; SAR(10 g) = 0.229 W/kg** (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 7.9 mm

Ratio of SAR at M2 to SAR at M1 = 63.4%

Maximum value of SAR (measured) = 1.78 W/kg

## Plots of Measurement



## Plots of Measurement

Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab

Date: 2022/12/6

**P21 BT\_BDR\_Bottom\_0mm\_Ch78\_Speed\_Ant 1**

**DUT: BEDW-WTW-P22090631**

Communication System: UID 10032 - CAA, IEEE 802.15.1 Bluetooth (GFSK, DH5); Frequency: 2480 MHz; Duty Cycle: 1:1.3

Medium: H06T27N7\_1206 Medium parameters used:  $f = 2480$  MHz;  $\sigma = 1.833$  S/m;  $\epsilon_r = 38.375$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.0 °C ; Liquid Temperature : 20.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7696; ConvF(8.11, 8.11, 8.11) @ 2480 MHz; Calibrated: 2022/01/20
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1590; Calibrated: 2022/09/22
- Phantom: ELI Phantom\_1205; Type: QDOVA002AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

**Area Scan (71x341x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.346 W/kg

**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 11.49 V/m; Power Drift = 0.01 dB

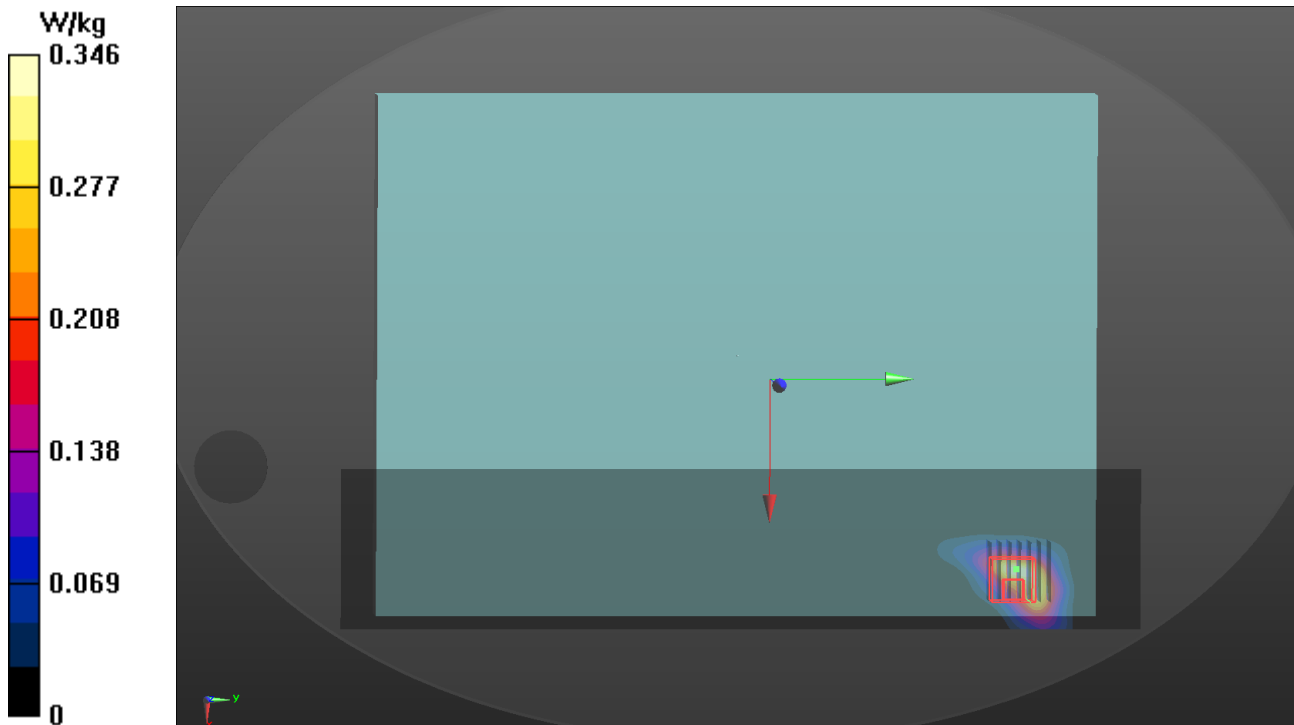
Peak SAR (extrapolated) = 0.442 W/kg

**SAR(1 g) = 0.160 W/kg; SAR(10 g) = 0.074 W/kg** (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 5.4 mm

Ratio of SAR at M2 to SAR at M1 = 45.7%

Maximum value of SAR (measured) = 0.342 W/kg



# Plots of Measurement

## Measurement Report P22 UNII-8\_802.11ax HE160\_Bottom\_0mm\_Ch207\_Speed\_Ant 0+1 Device under Test Properties

| Model, Manufacturer | Dimensions [mm]      | IMEI | DUT Type |
|---------------------|----------------------|------|----------|
| BEDW-WTW-P22090631, | 360.0 x 260.0 x 15.0 |      | Laptop   |

## Exposure Conditions

| Phantom<br>Section, TSL | Position, Test<br>Distance [mm] | Band    | Group,<br>UID      | Frequency<br>[MHz],<br>Channel Number | Conversion<br>Factor | TSL Conductivity<br>[S/m] | TSL Permittivity |
|-------------------------|---------------------------------|---------|--------------------|---------------------------------------|----------------------|---------------------------|------------------|
| Flat,<br>HSL            | Bottom,<br>0.00                 | U-NII-8 | WLAN,<br>10755-AAC | 6985.0,<br>207                        | 5.45                 | 6.61                      | 33.4             |

## Hardware Setup

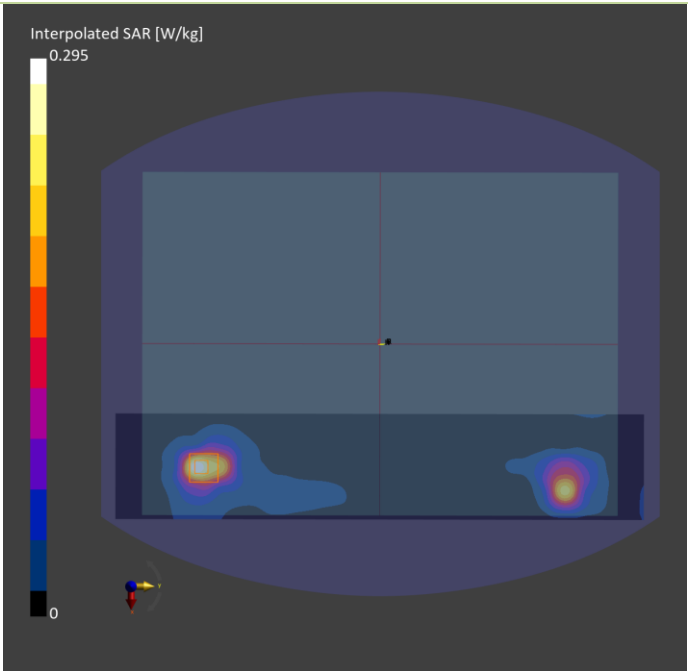
| Phantom                               | TSL, Measured Date    | Probe, Calibration Date     | DAE, Calibration Date   |
|---------------------------------------|-----------------------|-----------------------------|-------------------------|
| ELI V5.0 (20deg probe tilt) -<br>1204 | H51T72N4, 2022-Dec-06 | EX3DV4 - SN3971, 2022-01-25 | DAE4 Sn1277, 2022-01-19 |

## Scan Setup

|                     | Area Scan    | Zoom Scan          |
|---------------------|--------------|--------------------|
| Grid Extents [mm]   | 82.5 x 382.5 | 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                       | 2022-12-06 | 2022-12-06 |
| psSAR1g [W/kg]             | 0.246      | 0.658      |
| psSAR10g [W/kg]            | 0.094      | 0.178      |
| psPDab (1.0cm2, sq) [W/m2] |            | 6.58       |
| psPDab (4.0cm2, sq) [W/m2] |            | 4.15       |
| Power Drift [dB]           | 0.15       | 0.04       |
| M2/M1 [%]                  |            | 49.8       |
| Dist 3dB Peak [mm]         |            | 6.3        |



# Plots of Measurement

## Measurement Report

### P22 UNII-8\_802.11ax HE160\_Bottom\_0mm\_Ch207\_Speed\_Ant 0+1

#### Device under Test Properties

| Model, Manufacturer | Dimensions [mm]      | IMEI | DUT Type |
|---------------------|----------------------|------|----------|
| BEDW-WTW-P22090631, | 360.0 x 260.0 x 10.0 |      | Laptop   |

#### Exposure Conditions

| Phantom Section | Position, Test Distance [mm] | Band    | Group, UID      | Frequency [MHz], Channel Number | Conversion Factor |
|-----------------|------------------------------|---------|-----------------|---------------------------------|-------------------|
| 5G Air          | Bottom, 2.00                 | U-NII-8 | WLAN, 10755-AAC | 6985.0, 207                     | 1.0               |

#### Hardware Setup

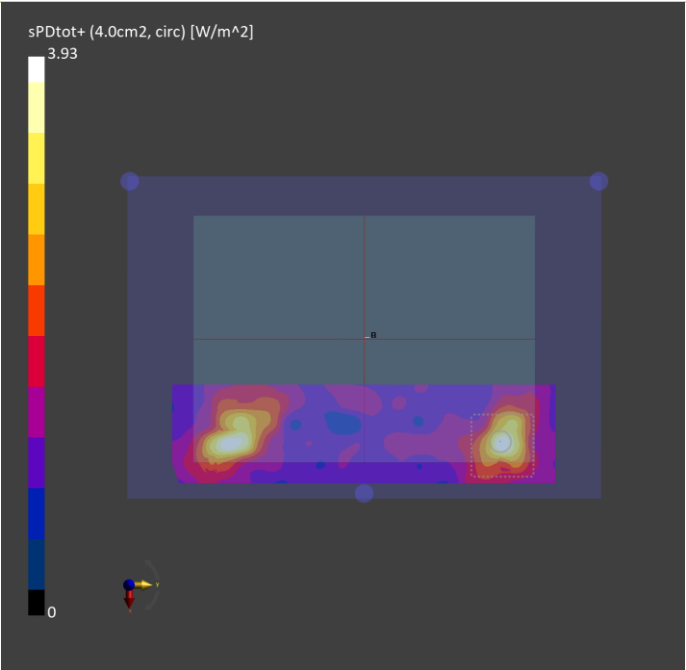
| Phantom      | Medium | Probe, Calibration Date               | DAE, Calibration Date   |
|--------------|--------|---------------------------------------|-------------------------|
| mmWave- 1029 | ---Air | EUmmWV4 - SN9438_F1-55GHz, 2022-07-18 | DAE4 Sn1341, 2022-07-19 |

#### Scan Setup

|                     | 5G Scan         |
|---------------------|-----------------|
| Grid Extents [mm]   | 86.0 x 86.0     |
| Grid Steps [lambda] | 0.0582 x 0.0582 |
| Sensor Surface [mm] | 2.0             |

#### Measurement Results

|                              | 5G Scan    |
|------------------------------|------------|
| Date                         | 2022-12-09 |
| Avg. Area [cm <sup>2</sup> ] | 4.00       |
| psPDn+ [W/m <sup>2</sup> ]   | 2.78       |
| psPDtot+ [W/m <sup>2</sup> ] | 3.93       |
| psPDmod+ [W/m <sup>2</sup> ] | 4.25       |
| E <sub>max</sub> [V/m]       | 51.0       |
| Power Drift [dB]             | -0.18      |



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

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

| WCDMA Max. Tune-up Power (Full) |                         |                            |
|---------------------------------|-------------------------|----------------------------|
| Mode                            | RMC 12.2K               | HSDPA<br>DC-HSDPA<br>HSUPA |
|                                 | Maximum<br>Target Power | Maximum<br>Target Power    |
| WCDMA Band II                   | 24.5                    | 24.5                       |
| WCDMA Band IV                   | 24.5                    | 24.5                       |
| WCDMA Band V                    | 24.5                    | 24.5                       |

| LTE Max. Tune-up Power (Full) |                      |                      |                      |
|-------------------------------|----------------------|----------------------|----------------------|
| Mode                          | QPSK                 | 16QAM                | 64QAM                |
|                               | Maximum Target Power | Maximum Target Power | Maximum Target Power |
| LTE 2                         | 24.0                 | 23.0                 | 22.0                 |
| LTE 4                         | 24.0                 | 23.0                 | 22.0                 |
| LTE 5                         | 24.0                 | 23.0                 | 22.0                 |
| LTE 7                         | 24.0                 | 23.0                 | 22.0                 |
| LTE 12                        | 24.0                 | 23.0                 | 22.0                 |
| LTE 13                        | 24.0                 | 23.0                 | 22.0                 |
| LTE 14                        | 24.0                 | 23.0                 | 22.0                 |
| LTE 17                        | 24.0                 | 23.0                 | 22.0                 |
| LTE 25                        | 24.0                 | 23.0                 | 22.0                 |
| LTE 26                        | 24.0                 | 23.0                 | 22.0                 |
| LTE 30                        | 23.0                 | 22.0                 | 21.0                 |
| LTE 38                        | 24.0                 | 23.0                 | 22.0                 |
| LTE 41                        | 24.0                 | 23.0                 | 22.0                 |
| LTE 41 - HPUE                 | 27.0                 | 26.0                 | 25.0                 |
| LTE 48                        | 22.0                 | 21.0                 | 20.0                 |
| LTE 66                        | 24.0                 | 23.0                 | 22.0                 |
| LTE 71                        | 24.0                 | 23.0                 | 22.0                 |

| Tune-up Power in dBm |         |           |                           |                           |                       |                       |                             |
|----------------------|---------|-----------|---------------------------|---------------------------|-----------------------|-----------------------|-----------------------------|
| WLAN 2.4GHz          |         |           |                           |                           |                       |                       |                             |
| Mode                 | Channel | Frequency | SISO Ant 0<br>Max Tune up | SISO Ant 1<br>Max Tune up | MIMO Ant 0<br>Tune up | MIMO Ant 1<br>Tune up | MIMO Ant 0+1<br>Max Tune up |
| 802.11b              | 1       | 2412      | 15.5                      | 15.5                      |                       |                       |                             |
|                      | 6       | 2437      | 15.5                      | 15.5                      |                       |                       |                             |
|                      | 11      | 2462      | 15.5                      | 15.5                      |                       |                       |                             |
|                      | 12      | 2467      | 15.5                      | 15.5                      |                       |                       |                             |
|                      | 13      | 2472      | 15.5                      | 15.5                      |                       |                       |                             |
| 802.11g              | 1       | 2412      | 15.5                      | 15.5                      |                       |                       |                             |
|                      | 6       | 2437      | 15.5                      | 15.5                      |                       |                       |                             |
|                      | 11      | 2462      | 15.5                      | 15.5                      |                       |                       |                             |
|                      | 12      | 2467      | 15.5                      | 15.5                      |                       |                       |                             |
|                      | 13      | 2472      | 12.5                      | 12.5                      |                       |                       |                             |
| 802.11n HT20         | 1       | 2412      | 15.5                      | 15.5                      | 15.5                  | 15.5                  | 18.5                        |
|                      | 6       | 2437      | 15.5                      | 15.5                      | 15.5                  | 15.5                  | 18.5                        |
|                      | 11      | 2462      | 15.5                      | 15.5                      | 15.5                  | 15.5                  | 18.5                        |
|                      | 12      | 2467      | 15.5                      | 15.5                      | 12.0                  | 12.0                  | 15.0                        |
|                      | 13      | 2472      | 12.5                      | 12.5                      | 9.0                   | 9.0                   | 12.0                        |
| 802.11n HT40         | 3       | 2422      | 15.5                      | 15.5                      | 15.5                  | 15.5                  | 18.5                        |
|                      | 6       | 2437      | 15.5                      | 15.5                      | 15.5                  | 15.5                  | 18.5                        |
|                      | 9       | 2452      | 15.5                      | 15.5                      | 15.5                  | 15.5                  | 18.5                        |
|                      | 10      | 2457      | 13.0                      | 13.0                      | 12.0                  | 12.0                  | 15.0                        |
|                      | 11      | 2462      | 11.5                      | 11.5                      | 9.0                   | 9.0                   | 12.0                        |
| 802.11ax HE20        | 1       | 2412      | 15.5                      | 15.5                      | 15.5                  | 15.5                  | 18.5                        |
|                      | 6       | 2437      | 15.5                      | 15.5                      | 15.5                  | 15.5                  | 18.5                        |
|                      | 11      | 2462      | 15.5                      | 15.5                      | 15.5                  | 15.5                  | 18.5                        |
|                      | 12      | 2467      | 15.5                      | 15.5                      | 12.0                  | 12.0                  | 15.0                        |
|                      | 13      | 2472      | 12.5                      | 12.5                      | 9.0                   | 9.0                   | 12.0                        |
| 802.11ax HE40        | 3       | 2422      | 15.5                      | 15.5                      | 15.5                  | 15.5                  | 18.5                        |
|                      | 6       | 2437      | 15.5                      | 15.5                      | 15.5                  | 15.5                  | 18.5                        |
|                      | 9       | 2452      | 15.5                      | 15.5                      | 15.5                  | 15.5                  | 18.5                        |
|                      | 10      | 2457      | 13.0                      | 13.0                      | 12.0                  | 12.0                  | 15.0                        |
|                      | 11      | 2462      | 11.5                      | 11.5                      | 9.0                   | 9.0                   | 12.0                        |



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

| Tune-up Power in dBm |         |           |                           |                           |                       |                       |                             |
|----------------------|---------|-----------|---------------------------|---------------------------|-----------------------|-----------------------|-----------------------------|
| WLAN 5.2GHz          |         |           |                           |                           |                       |                       |                             |
| Mode                 | Channel | Frequency | SISO Ant 0<br>Max Tune up | SISO Ant 1<br>Max Tune up | MIMO Ant 0<br>Tune up | MIMO Ant 1<br>Tune up | MIMO Ant 0+1<br>Max Tune up |
| 802.11a              | 36      | 5180      | 12.5                      | 12.5                      |                       |                       |                             |
|                      | 40      | 5200      | 12.5                      | 12.5                      |                       |                       |                             |
|                      | 44      | 5220      | 12.5                      | 12.5                      |                       |                       |                             |
|                      | 48      | 5240      | 12.5                      | 12.5                      |                       |                       |                             |
| 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                        |
|                      | 48      | 5240      | 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                        |
| 802.11ac VHT80       | 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                        |
|                      | 48      | 5240      | 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                        |
| 802.11ax HE80        | 42      | 5210      | 12.5                      | 12.5                      | 12.5                  | 12.5                  | 15.5                        |

| Tune-up Power in dBm |         |           |                           |                           |                       |                       |                             |
|----------------------|---------|-----------|---------------------------|---------------------------|-----------------------|-----------------------|-----------------------------|
| WLAN 5.3GHz          |         |           |                           |                           |                       |                       |                             |
| Mode                 | Channel | Frequency | SISO Ant 0<br>Max Tune up | SISO Ant 1<br>Max Tune up | MIMO Ant 0<br>Tune up | MIMO Ant 1<br>Tune up | MIMO Ant 0+1<br>Max Tune up |
| 802.11a              | 52      | 5260      | 12.5                      | 12.5                      |                       |                       |                             |
|                      | 56      | 5280      | 12.5                      | 12.5                      |                       |                       |                             |
|                      | 60      | 5300      | 12.5                      | 12.5                      |                       |                       |                             |
|                      | 64      | 5320      | 12.5                      | 12.5                      |                       |                       |                             |
| 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 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 in dBm |         |           |                           |                           |                       |                       |                             |
|----------------------|---------|-----------|---------------------------|---------------------------|-----------------------|-----------------------|-----------------------------|
| WLAN 5.6GHz          |         |           |                           |                           |                       |                       |                             |
| Mode                 | Channel | Frequency | SISO Ant 0<br>Max Tune up | SISO Ant 1<br>Max Tune up | MIMO Ant 0<br>Tune up | MIMO Ant 1<br>Tune up | MIMO Ant 0+1<br>Max Tune up |
| 802.11a              | 100     | 5500      | 12.5                      | 12.5                      |                       |                       |                             |
|                      | 116     | 5580      | 12.5                      | 12.5                      |                       |                       |                             |
|                      | 132     | 5660      | 12.5                      | 12.5                      |                       |                       |                             |
|                      | 140     | 5700      | 12.5                      | 12.5                      |                       |                       |                             |
|                      | 144     | 5720      | 12.5                      | 12.5                      |                       |                       |                             |
| 802.11n HT20         | 100     | 5500      | 12.5                      | 12.5                      | 12.5                  | 12.5                  | 15.5                        |
|                      | 116     | 5580      | 12.5                      | 12.5                      | 12.5                  | 12.5                  | 15.5                        |
|                      | 132     | 5660      | 12.5                      | 12.5                      | 12.5                  | 12.5                  | 15.5                        |
|                      | 140     | 5700      | 12.5                      | 12.5                      | 12.5                  | 12.5                  | 15.5                        |
|                      | 144     | 5720      | 12.5                      | 12.5                      | 12.5                  | 12.5                  | 15.5                        |
| 802.11n HT40         | 102     | 5510      | 12.5                      | 12.5                      | 12.5                  | 12.5                  | 15.5                        |
|                      | 110     | 5550      | 12.5                      | 12.5                      | 12.5                  | 12.5                  | 15.5                        |
|                      | 134     | 5670      | 12.5                      | 12.5                      | 12.5                  | 12.5                  | 15.5                        |
|                      | 142     | 5710      | 12.5                      | 12.5                      | 12.5                  | 12.5                  | 15.5                        |
| 802.11ac VHT80       | 106     | 5530      | 12.5                      | 12.5                      | 12.5                  | 12.5                  | 15.5                        |
|                      | 122     | 5610      | 12.5                      | 12.5                      | 12.5                  | 12.5                  | 15.5                        |
|                      | 138     | 5690      | 12.5                      | 12.5                      | 12.5                  | 12.5                  | 15.5                        |
| 802.11ac VHT160      | 114     | 5570      | 12.5                      | 12.5                      | 12.5                  | 12.5                  | 15.5                        |
| 802.11ax HE20        | 100     | 5500      | 12.5                      | 12.5                      | 12.5                  | 12.5                  | 15.5                        |
|                      | 116     | 5580      | 12.5                      | 12.5                      | 12.5                  | 12.5                  | 15.5                        |
|                      | 132     | 5660      | 12.5                      | 12.5                      | 12.5                  | 12.5                  | 15.5                        |
|                      | 140     | 5700      | 12.5                      | 12.5                      | 12.5                  | 12.5                  | 15.5                        |
|                      | 144     | 5720      | 12.5                      | 12.5                      | 12.5                  | 12.5                  | 15.5                        |
| 802.11ax HE40        | 102     | 5510      | 12.5                      | 12.5                      | 12.5                  | 12.5                  | 15.5                        |
|                      | 110     | 5550      | 12.5                      | 12.5                      | 12.5                  | 12.5                  | 15.5                        |
|                      | 134     | 5670      | 12.5                      | 12.5                      | 12.5                  | 12.5                  | 15.5                        |
|                      | 142     | 5710      | 12.5                      | 12.5                      | 12.5                  | 12.5                  | 15.5                        |
| 802.11ax HE80        | 106     | 5530      | 12.5                      | 12.5                      | 12.5                  | 12.5                  | 15.5                        |
|                      | 122     | 5610      | 12.5                      | 12.5                      | 12.5                  | 12.5                  | 15.5                        |
|                      | 138     | 5690      | 12.5                      | 12.5                      | 12.5                  | 12.5                  | 15.5                        |
| 802.11ax HE160       | 114     | 5570      | 12.5                      | 12.5                      | 12.5                  | 12.5                  | 15.5                        |

| Tune-up Power in dBm |         |           |                           |                           |                       |                       |                             |
|----------------------|---------|-----------|---------------------------|---------------------------|-----------------------|-----------------------|-----------------------------|
| WLAN 5.8GHz          |         |           |                           |                           |                       |                       |                             |
| Mode                 | Channel | Frequency | SISO Ant 0<br>Max Tune up | SISO Ant 1<br>Max Tune up | MIMO Ant 0<br>Tune up | MIMO Ant 1<br>Tune up | MIMO Ant 0+1<br>Max Tune up |
| 802.11a              | 149     | 5745      | 12.5                      | 12.5                      |                       |                       |                             |
|                      | 153     | 5765      | 12.5                      | 12.5                      |                       |                       |                             |
|                      | 157     | 5785      | 12.5                      | 12.5                      |                       |                       |                             |
|                      | 161     | 5805      | 12.5                      | 12.5                      |                       |                       |                             |
|                      | 165     | 5825      | 12.5                      | 12.5                      |                       |                       |                             |
| 802.11n HT20         | 149     | 5745      | 12.5                      | 12.5                      | 12.5                  | 12.5                  | 15.5                        |
|                      | 153     | 5765      | 12.5                      | 12.5                      | 12.5                  | 12.5                  | 15.5                        |
|                      | 157     | 5785      | 12.5                      | 12.5                      | 12.5                  | 12.5                  | 15.5                        |
|                      | 161     | 5805      | 12.5                      | 12.5                      | 12.5                  | 12.5                  | 15.5                        |
|                      | 165     | 5825      | 12.5                      | 12.5                      | 12.5                  | 12.5                  | 15.5                        |
| 802.11n HT40         | 151     | 5755      | 12.5                      | 12.5                      | 12.5                  | 12.5                  | 15.5                        |
|                      | 159     | 5795      | 12.5                      | 12.5                      | 12.5                  | 12.5                  | 15.5                        |
| 802.11ac VHT80       | 155     | 5775      | 12.5                      | 12.5                      | 12.5                  | 12.5                  | 15.5                        |
| 802.11ax HE20        | 149     | 5745      | 12.5                      | 12.5                      | 12.5                  | 12.5                  | 15.5                        |
|                      | 153     | 5765      | 12.5                      | 12.5                      | 12.5                  | 12.5                  | 15.5                        |
|                      | 157     | 5785      | 12.5                      | 12.5                      | 12.5                  | 12.5                  | 15.5                        |
|                      | 161     | 5805      | 12.5                      | 12.5                      | 12.5                  | 12.5                  | 15.5                        |
|                      | 165     | 5825      | 12.5                      | 12.5                      | 12.5                  | 12.5                  | 15.5                        |
| 802.11ax HE40        | 151     | 5755      | 12.5                      | 12.5                      | 12.5                  | 12.5                  | 15.5                        |
|                      | 159     | 5795      | 12.5                      | 12.5                      | 12.5                  | 12.5                  | 15.5                        |
| 802.11ax HE80        | 155     | 5775      | 12.5                      | 12.5                      | 12.5                  | 12.5                  | 15.5                        |

| Tune-up Power in dBm |         |           |                           |                           |                       |                       |                             |
|----------------------|---------|-----------|---------------------------|---------------------------|-----------------------|-----------------------|-----------------------------|
| UNII-5               |         |           |                           |                           |                       |                       |                             |
| Mode                 | Channel | Frequency | SISO Ant 0<br>Max Tune up | SISO Ant 1<br>Max Tune up | MIMO Ant 0<br>Tune up | MIMO Ant 1<br>Tune up | MIMO Ant 0+1<br>Max Tune up |
| 802.11ax HE20        | 1       | 5955      | 5.0                       | 5.0                       | 2.0                   | 2.0                   | 5.0                         |
|                      | 5       | 5975      | 5.0                       | 5.0                       | 2.0                   | 2.0                   | 5.0                         |
|                      | 9       | 5995      | 5.0                       | 5.0                       | 2.0                   | 2.0                   | 5.0                         |
|                      | 13      | 6015      | 5.0                       | 5.0                       | 2.0                   | 2.0                   | 5.0                         |
|                      | 17      | 6035      | 5.0                       | 5.0                       | 2.0                   | 2.0                   | 5.0                         |
|                      | 21      | 6055      | 5.0                       | 5.0                       | 2.0                   | 2.0                   | 5.0                         |
|                      | 25      | 6075      | 5.0                       | 5.0                       | 2.0                   | 2.0                   | 5.0                         |
|                      | 29      | 6095      | 5.0                       | 5.0                       | 2.0                   | 2.0                   | 5.0                         |
|                      | 33      | 6115      | 5.0                       | 5.0                       | 2.0                   | 2.0                   | 5.0                         |
|                      | 37      | 6135      | 5.0                       | 5.0                       | 2.0                   | 2.0                   | 5.0                         |
|                      | 41      | 6155      | 5.0                       | 5.0                       | 2.0                   | 2.0                   | 5.0                         |
|                      | 45      | 6175      | 5.0                       | 5.0                       | 2.0                   | 2.0                   | 5.0                         |
|                      | 49      | 6195      | 5.0                       | 5.0                       | 2.0                   | 2.0                   | 5.0                         |
|                      | 53      | 6215      | 5.0                       | 5.0                       | 2.0                   | 2.0                   | 5.0                         |
|                      | 57      | 6235      | 5.0                       | 5.0                       | 2.0                   | 2.0                   | 5.0                         |
|                      | 61      | 6255      | 5.0                       | 5.0                       | 2.0                   | 2.0                   | 5.0                         |
|                      | 65      | 6275      | 5.0                       | 5.0                       | 2.0                   | 2.0                   | 5.0                         |
|                      | 69      | 6295      | 5.0                       | 5.0                       | 2.0                   | 2.0                   | 5.0                         |
|                      | 73      | 6315      | 5.0                       | 5.0                       | 2.0                   | 2.0                   | 5.0                         |
|                      | 77      | 6335      | 5.0                       | 5.0                       | 2.0                   | 2.0                   | 5.0                         |
|                      | 81      | 6355      | 5.0                       | 5.0                       | 2.0                   | 2.0                   | 5.0                         |
| 802.11ax HE40        | 85      | 6375      | 5.0                       | 5.0                       | 2.0                   | 2.0                   | 5.0                         |
|                      | 89      | 6395      | 5.0                       | 5.0                       | 2.0                   | 2.0                   | 5.0                         |
|                      | 93      | 6415      | 5.0                       | 5.0                       | 2.0                   | 2.0                   | 5.0                         |
|                      | 3       | 5965      | 8.0                       | 8.0                       | 5.0                   | 5.0                   | 8.0                         |
|                      | 11      | 6005      | 8.0                       | 8.0                       | 5.0                   | 5.0                   | 8.0                         |
|                      | 19      | 6045      | 8.0                       | 8.0                       | 5.0                   | 5.0                   | 8.0                         |
|                      | 27      | 6085      | 8.0                       | 8.0                       | 5.0                   | 5.0                   | 8.0                         |
|                      | 35      | 6125      | 8.0                       | 8.0                       | 5.0                   | 5.0                   | 8.0                         |
|                      | 43      | 6165      | 8.0                       | 8.0                       | 5.0                   | 5.0                   | 8.0                         |
|                      | 51      | 6205      | 8.0                       | 8.0                       | 5.0                   | 5.0                   | 8.0                         |
| 802.11ax HE80        | 59      | 6245      | 8.0                       | 8.0                       | 5.0                   | 5.0                   | 8.0                         |
|                      | 67      | 6285      | 8.0                       | 8.0                       | 5.0                   | 5.0                   | 8.0                         |
|                      | 75      | 6325      | 8.0                       | 8.0                       | 5.0                   | 5.0                   | 8.0                         |
|                      | 83      | 6365      | 8.0                       | 8.0                       | 5.0                   | 5.0                   | 8.0                         |
|                      | 91      | 6405      | 8.0                       | 8.0                       | 5.0                   | 5.0                   | 8.0                         |
|                      | 7       | 5985      | 10.0                      | 10.0                      | 7.0                   | 7.0                   | 10.0                        |
|                      | 23      | 6065      | 10.0                      | 10.0                      | 7.0                   | 7.0                   | 10.0                        |
| 802.11ax HE160       | 39      | 6145      | 10.0                      | 10.0                      | 7.0                   | 7.0                   | 10.0                        |
|                      | 55      | 6225      | 10.0                      | 10.0                      | 7.0                   | 7.0                   | 10.0                        |
|                      | 71      | 6305      | 10.0                      | 10.0                      | 7.0                   | 7.0                   | 10.0                        |
| 802.11ax HE160       | 87      | 6385      | 10.0                      | 10.0                      | 7.0                   | 7.0                   | 10.0                        |
|                      | 15      | 6025      | 10.0                      | 10.0                      | 10.0                  | 10.0                  | 13.0                        |
|                      | 47      | 6185      | 10.0                      | 10.0                      | 10.0                  | 10.0                  | 13.0                        |
| 802.11ax HE160       | 79      | 6345      | 10.0                      | 10.0                      | 10.0                  | 10.0                  | 13.0                        |

| Tune-up Power in dBm |         |           |                           |                           |                       |                       |                             |
|----------------------|---------|-----------|---------------------------|---------------------------|-----------------------|-----------------------|-----------------------------|
| UNII-6               |         |           |                           |                           |                       |                       |                             |
| Mode                 | Channel | Frequency | SISO Ant 0<br>Max Tune up | SISO Ant 1<br>Max Tune up | MIMO Ant 0<br>Tune up | MIMO Ant 1<br>Tune up | MIMO Ant 0+1<br>Max Tune up |
| 802.11ax HE20        | 97      | 6435      | 5.0                       | 5.0                       | 2.0                   | 2.0                   | 5.0                         |
|                      | 101     | 6455      | 5.0                       | 5.0                       | 2.0                   | 2.0                   | 5.0                         |
|                      | 105     | 6475      | 5.0                       | 5.0                       | 2.0                   | 2.0                   | 5.0                         |
|                      | 109     | 6495      | 5.0                       | 5.0                       | 2.0                   | 2.0                   | 5.0                         |
|                      | 113     | 6515      | 5.0                       | 5.0                       | 2.0                   | 2.0                   | 5.0                         |
|                      | 117     | 6535      | 5.0                       | 5.0                       | 2.0                   | 2.0                   | 5.0                         |
| 802.11ax HE40        | 99      | 6445      | 8.0                       | 8.0                       | 5.0                   | 5.0                   | 8.0                         |
|                      | 107     | 6485      | 8.0                       | 8.0                       | 5.0                   | 5.0                   | 8.0                         |
|                      | 115     | 6525      | 8.0                       | 8.0                       | 5.0                   | 5.0                   | 8.0                         |
| 802.11ax HE80        | 103     | 6465      | 10.0                      | 10.0                      | 7.0                   | 7.0                   | 10.0                        |
|                      | 119     | 6545      | 10.0                      | 10.0                      | 7.0                   | 7.0                   | 10.0                        |
| 802.11ax HE160       | 111     | 6505      | 10.0                      | 10.0                      | 10.0                  | 10.0                  | 13.0                        |

| Tune-up Power in dBm |         |           |                           |                           |                       |                       |                             |
|----------------------|---------|-----------|---------------------------|---------------------------|-----------------------|-----------------------|-----------------------------|
| UNII-7               |         |           |                           |                           |                       |                       |                             |
| Mode                 | Channel | Frequency | SISO Ant 0<br>Max Tune up | SISO Ant 1<br>Max Tune up | MIMO Ant 0<br>Tune up | MIMO Ant 1<br>Tune up | MIMO Ant 0+1<br>Max Tune up |
| 802.11ax HE20        | 121     | 6555      | 5.0                       | 5.0                       | 2.0                   | 2.0                   | 5.0                         |
|                      | 125     | 6575      | 5.0                       | 5.0                       | 2.0                   | 2.0                   | 5.0                         |
|                      | 129     | 6595      | 5.0                       | 5.0                       | 2.0                   | 2.0                   | 5.0                         |
|                      | 133     | 6615      | 5.0                       | 5.0                       | 2.0                   | 2.0                   | 5.0                         |
|                      | 137     | 6635      | 5.0                       | 5.0                       | 2.0                   | 2.0                   | 5.0                         |
|                      | 141     | 6655      | 5.0                       | 5.0                       | 2.0                   | 2.0                   | 5.0                         |
|                      | 145     | 6675      | 5.0                       | 5.0                       | 2.0                   | 2.0                   | 5.0                         |
|                      | 149     | 6695      | 5.0                       | 5.0                       | 2.0                   | 2.0                   | 5.0                         |
|                      | 153     | 6715      | 5.0                       | 5.0                       | 2.0                   | 2.0                   | 5.0                         |
|                      | 157     | 6735      | 5.0                       | 5.0                       | 2.0                   | 2.0                   | 5.0                         |
|                      | 161     | 6755      | 5.0                       | 5.0                       | 2.0                   | 2.0                   | 5.0                         |
|                      | 165     | 6775      | 5.0                       | 5.0                       | 2.0                   | 2.0                   | 5.0                         |
|                      | 169     | 6795      | 5.0                       | 5.0                       | 2.0                   | 2.0                   | 5.0                         |
|                      | 173     | 6815      | 5.0                       | 5.0                       | 2.0                   | 2.0                   | 5.0                         |
|                      | 177     | 6835      | 5.0                       | 5.0                       | 2.0                   | 2.0                   | 5.0                         |
|                      | 181     | 6855      | 5.0                       | 5.0                       | 2.0                   | 2.0                   | 5.0                         |
|                      | 185     | 6875      | 5.0                       | 5.0                       | 2.0                   | 2.0                   | 5.0                         |
| 802.11ax HE40        | 123     | 6565      | 8.0                       | 8.0                       | 5.0                   | 5.0                   | 8.0                         |
|                      | 131     | 6605      | 8.0                       | 8.0                       | 5.0                   | 5.0                   | 8.0                         |
|                      | 139     | 6645      | 8.0                       | 8.0                       | 5.0                   | 5.0                   | 8.0                         |
|                      | 147     | 6685      | 8.0                       | 8.0                       | 5.0                   | 5.0                   | 8.0                         |
|                      | 155     | 6725      | 8.0                       | 8.0                       | 5.0                   | 5.0                   | 8.0                         |
|                      | 163     | 6765      | 8.0                       | 8.0                       | 5.0                   | 5.0                   | 8.0                         |
|                      | 171     | 6805      | 8.0                       | 8.0                       | 5.0                   | 5.0                   | 8.0                         |
|                      | 179     | 6845      | 8.0                       | 8.0                       | 5.0                   | 5.0                   | 8.0                         |
|                      | 187     | 6885      | 8.0                       | 8.0                       | 5.0                   | 5.0                   | 8.0                         |
| 802.11ax HE80        | 135     | 6625      | 10.0                      | 10.0                      | 7.0                   | 7.0                   | 10.0                        |
|                      | 151     | 6705      | 10.0                      | 10.0                      | 7.0                   | 7.0                   | 10.0                        |
|                      | 167     | 6785      | 10.0                      | 10.0                      | 7.0                   | 7.0                   | 10.0                        |
|                      | 183     | 6865      | 10.0                      | 10.0                      | 7.0                   | 7.0                   | 10.0                        |
| 802.11ax HE160       | 143     | 6665      | 10.0                      | 10.0                      | 10.0                  | 10.0                  | 13.0                        |
|                      | 175     | 6825      | 10.0                      | 10.0                      | 10.0                  | 10.0                  | 13.0                        |

| Tune-up Power in dBm |         |           |                           |                           |                       |                       |                             |
|----------------------|---------|-----------|---------------------------|---------------------------|-----------------------|-----------------------|-----------------------------|
| UNII-8               |         |           |                           |                           |                       |                       |                             |
| Mode                 | Channel | Frequency | SISO Ant 0<br>Max Tune up | SISO Ant 1<br>Max Tune up | MIMO Ant 0<br>Tune up | MIMO Ant 1<br>Tune up | MIMO Ant 0+1<br>Max Tune up |
| 802.11ax HE20        | 189     | 6895      | 5.0                       | 5.0                       | 2.0                   | 2.0                   | 5.0                         |
|                      | 193     | 6915      | 5.0                       | 5.0                       | 2.0                   | 2.0                   | 5.0                         |
|                      | 197     | 6935      | 5.0                       | 5.0                       | 2.0                   | 2.0                   | 5.0                         |
|                      | 201     | 6955      | 5.0                       | 5.0                       | 2.0                   | 2.0                   | 5.0                         |
|                      | 205     | 6975      | 5.0                       | 5.0                       | 2.0                   | 2.0                   | 5.0                         |
|                      | 209     | 6995      | 5.0                       | 5.0                       | 2.0                   | 2.0                   | 5.0                         |
|                      | 213     | 7015      | 5.0                       | 5.0                       | 2.0                   | 2.0                   | 5.0                         |
|                      | 217     | 7035      | 5.0                       | 5.0                       | 2.0                   | 2.0                   | 5.0                         |
|                      | 221     | 7055      | 5.0                       | 5.0                       | 2.0                   | 2.0                   | 5.0                         |
|                      | 225     | 7075      | 5.0                       | 5.0                       | 2.0                   | 2.0                   | 5.0                         |
|                      | 229     | 7095      | 5.0                       | 5.0                       | 2.0                   | 2.0                   | 5.0                         |
|                      | 233     | 7115      | 5.0                       | 5.0                       | 2.0                   | 2.0                   | 5.0                         |
|                      | 195     | 6925      | 8.0                       | 8.0                       | 5.0                   | 5.0                   | 8.0                         |
| 802.11ax HE40        | 203     | 6965      | 8.0                       | 8.0                       | 5.0                   | 5.0                   | 8.0                         |
|                      | 211     | 7005      | 8.0                       | 8.0                       | 5.0                   | 5.0                   | 8.0                         |
|                      | 219     | 7045      | 8.0                       | 8.0                       | 5.0                   | 5.0                   | 8.0                         |
|                      | 227     | 7085      | 8.0                       | 8.0                       | 5.0                   | 5.0                   | 8.0                         |
|                      | 199     | 6945      | 10.0                      | 10.0                      | 7.0                   | 7.0                   | 10.0                        |
| 802.11ax HE80        | 215     | 7025      | 10.0                      | 10.0                      | 7.0                   | 7.0                   | 10.0                        |
| 802.11ax HE160       | 207     | 6985      | 10.0                      | 10.0                      | 10.0                  | 10.0                  | 13.0                        |

## **Appendix E. Measured Conducted Power Result**

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

| WCDMA Conducted Power (Full) |          |       |        |          |        |        |         |       |       |
|------------------------------|----------|-------|--------|----------|--------|--------|---------|-------|-------|
| Band                         | WCDMA II |       |        | WCDMA IV |        |        | WCDMA V |       |       |
| TX Channel                   | 9262     | 9400  | 9538   | 1312     | 1413   | 1513   | 4132    | 4182  | 4233  |
| Rx Channel                   | 9662     | 9800  | 9938   | 1537     | 1638   | 1738   | 4357    | 4407  | 4458  |
| Frequency                    | 1852.4   | 1880  | 1907.6 | 1712.4   | 1732.6 | 1752.6 | 826.4   | 836.4 | 846.6 |
| RMC 12.2K                    | 22.53    | 24.49 | 23.11  | 23.46    | 24.44  | 23.02  | 23.31   | 24.29 | 22.92 |
| HSDPA Subtest-1              | 22.51    | 23.19 | 24.47  | 23.43    | 23.06  | 24.32  | 23.29   | 22.96 | 24.18 |
| HSDPA Subtest-2              | 22.51    | 23.13 | 23.62  | 23.33    | 23.05  | 23.55  | 23.25   | 22.96 | 23.49 |
| HSDPA Subtest-3              | 23.78    | 23.64 | 23.07  | 23.71    | 23.51  | 22.99  | 23.66   | 23.40 | 22.85 |
| HSDPA Subtest-4              | 23.54    | 23.35 | 22.85  | 23.46    | 23.28  | 22.71  | 23.37   | 23.19 | 22.59 |
| DC-HSDPA Subtest-1           | 23.45    | 23.97 | 23.45  | 23.37    | 23.90  | 23.39  | 23.31   | 23.79 | 23.24 |
| DC-HSDPA Subtest-2           | 23.15    | 23.42 | 23.56  | 23.03    | 23.27  | 23.44  | 22.92   | 23.14 | 23.39 |
| DC-HSDPA Subtest-3           | 23.10    | 23.12 | 23.06  | 23.05    | 22.97  | 22.96  | 23.00   | 22.87 | 22.81 |
| DC-HSDPA Subtest-4           | 23.07    | 23.14 | 23.08  | 22.92    | 23.08  | 23.01  | 22.77   | 23.00 | 22.96 |
| HSUPA Subtest-1              | 23.24    | 23.21 | 23.64  | 23.10    | 23.06  | 23.55  | 23.03   | 23.00 | 23.47 |
| HSUPA Subtest-2              | 20.56    | 20.89 | 21.23  | 21.47    | 20.83  | 21.13  | 21.41   | 20.74 | 21.00 |
| HSUPA Subtest-3              | 21.77    | 21.60 | 22.00  | 21.67    | 22.49  | 21.95  | 21.54   | 22.43 | 21.81 |
| HSUPA Subtest-4              | 21.31    | 21.22 | 21.48  | 21.25    | 21.17  | 21.34  | 21.18   | 21.10 | 21.25 |
| HSUPA Subtest-5              | 23.60    | 23.44 | 23.50  | 23.51    | 23.39  | 23.35  | 23.37   | 23.32 | 23.29 |

| LTE Conducted Power (Full) |           |                 |           |        |       |        |               |
|----------------------------|-----------|-----------------|-----------|--------|-------|--------|---------------|
| LTE Band 2                 |           |                 |           |        |       |        |               |
| BW                         | MCS Index | RB Size         | RB Offset | Low    | Mid   | High   | 3GPP MPR (dB) |
|                            |           | Channel         |           | 18700  | 18900 | 19100  |               |
|                            |           | Frequency (MHz) |           | 1860   | 1880  | 1900   |               |
| 20M                        | QPSK      | 1               | 0         | 22.38  | 23.20 | 22.86  | 0             |
|                            |           | 1               | 50        | 22.89  | 22.96 | 22.81  | 0             |
|                            |           | 1               | 99        | 22.18  | 22.32 | 22.09  | 0             |
|                            |           | 50              | 0         | 22.06  | 22.12 | 22.01  | 1             |
|                            |           | 50              | 25        | 21.96  | 22.09 | 21.88  | 1             |
|                            |           | 50              | 50        | 21.86  | 21.94 | 21.79  | 1             |
|                            |           | 100             | 0         | 21.83  | 21.88 | 21.70  | 1             |
| 20M                        | 16QAM     | 1               | 0         | 21.52  | 21.58 | 21.42  | 1             |
|                            |           | 1               | 50        | 21.48  | 21.54 | 21.36  | 1             |
|                            |           | 1               | 99        | 21.33  | 21.47 | 21.27  | 1             |
|                            |           | 50              | 0         | 21.28  | 21.33 | 21.15  | 2             |
|                            |           | 50              | 25        | 21.22  | 21.27 | 21.08  | 2             |
|                            |           | 50              | 50        | 21.16  | 21.27 | 21.11  | 2             |
|                            |           | 100             | 0         | 20.89  | 20.98 | 20.75  | 2             |
| 20M                        | 64QAM     | 1               | 0         | 20.79  | 20.84 | 20.65  | 2             |
|                            |           | 1               | 50        | 20.47  | 20.58 | 20.33  | 2             |
|                            |           | 1               | 99        | 20.40  | 20.55 | 20.33  | 2             |
|                            |           | 50              | 0         | 20.37  | 20.51 | 20.32  | 3             |
|                            |           | 50              | 25        | 20.32  | 20.42 | 20.19  | 3             |
|                            |           | 50              | 50        | 20.22  | 20.36 | 20.11  | 3             |
|                            |           | 100             | 0         | 20.27  | 20.32 | 20.14  | 3             |
| BW                         | MCS Index | Channel         |           | 18675  | 18900 | 19125  | 3GPP MPR      |
|                            |           | Frequency (MHz) |           | 1857.5 | 1880  | 1902.5 |               |
| 15M                        | QPSK      | 1               | 0         | 22.25  | 23.09 | 22.75  | 0             |
|                            |           | 1               | 37        | 22.80  | 22.82 | 22.70  | 0             |
|                            |           | 1               | 74        | 22.08  | 22.22 | 22.12  | 0             |
|                            |           | 36              | 0         | 21.93  | 22.07 | 21.96  | 1             |
|                            |           | 36              | 19        | 21.85  | 21.97 | 21.78  | 1             |
|                            |           | 36              | 39        | 21.73  | 21.79 | 21.68  | 1             |
|                            |           | 75              | 0         | 21.69  | 21.82 | 21.59  | 1             |
| 15M                        | 16QAM     | 1               | 0         | 21.41  | 21.46 | 21.32  | 1             |
|                            |           | 1               | 37        | 21.42  | 21.45 | 21.25  | 1             |
|                            |           | 1               | 74        | 21.25  | 21.38 | 21.12  | 1             |
|                            |           | 36              | 0         | 21.23  | 21.19 | 21.04  | 2             |
|                            |           | 36              | 19        | 21.16  | 21.19 | 20.94  | 2             |
|                            |           | 36              | 39        | 21.01  | 21.15 | 20.96  | 2             |
|                            |           | 75              | 0         | 20.84  | 20.93 | 20.61  | 2             |
| 15M                        | 64QAM     | 1               | 0         | 20.70  | 20.72 | 20.57  | 2             |
|                            |           | 1               | 37        | 20.32  | 20.43 | 20.24  | 2             |
|                            |           | 1               | 74        | 20.32  | 20.41 | 20.18  | 2             |
|                            |           | 36              | 0         | 20.27  | 20.36 | 20.26  | 3             |
|                            |           | 36              | 19        | 20.25  | 20.35 | 20.09  | 3             |
|                            |           | 36              | 39        | 20.11  | 20.29 | 19.99  | 3             |
|                            |           | 75              | 0         | 20.16  | 20.21 | 19.99  | 3             |

| LTE Conducted Power (Full) |           |                 |    |        |       |        |          |
|----------------------------|-----------|-----------------|----|--------|-------|--------|----------|
| LTE Band 2                 |           |                 |    |        |       |        |          |
| BW                         | MCS Index | Channel         |    | 18650  | 18900 | 19150  | 3GPP MPR |
|                            |           | Frequency (MHz) |    | 1855   | 1880  | 1905   |          |
| 10M                        | QPSK      | 1               | 0  | 22.26  | 23.15 | 22.78  | 0        |
|                            |           | 1               | 24 | 22.77  | 22.81 | 22.75  | 0        |
|                            |           | 1               | 49 | 22.09  | 22.25 | 22.23  | 0        |
|                            |           | 25              | 0  | 21.93  | 22.03 | 21.96  | 1        |
|                            |           | 25              | 12 | 21.91  | 22.01 | 21.79  | 1        |
|                            |           | 25              | 25 | 21.80  | 21.88 | 21.72  | 1        |
|                            |           | 50              | 0  | 21.69  | 21.73 | 21.60  | 1        |
| 10M                        | 16QAM     | 1               | 0  | 21.39  | 21.48 | 21.27  | 1        |
|                            |           | 1               | 24 | 21.37  | 21.49 | 21.22  | 1        |
|                            |           | 1               | 49 | 21.18  | 21.32 | 21.22  | 1        |
|                            |           | 25              | 0  | 21.17  | 21.28 | 21.03  | 2        |
|                            |           | 25              | 12 | 21.13  | 21.19 | 21.00  | 2        |
|                            |           | 25              | 25 | 21.08  | 21.15 | 21.01  | 2        |
|                            |           | 50              | 0  | 20.77  | 20.92 | 20.68  | 2        |
| 10M                        | 64QAM     | 1               | 0  | 20.69  | 20.78 | 20.58  | 2        |
|                            |           | 1               | 24 | 20.41  | 20.44 | 20.24  | 2        |
|                            |           | 1               | 49 | 20.31  | 20.49 | 20.25  | 2        |
|                            |           | 25              | 0  | 20.27  | 20.40 | 20.26  | 3        |
|                            |           | 25              | 12 | 20.21  | 20.35 | 20.09  | 3        |
|                            |           | 25              | 25 | 20.14  | 20.26 | 20.05  | 3        |
|                            |           | 50              | 0  | 20.20  | 20.21 | 20.08  | 3        |
| BW                         | MCS Index | Channel         |    | 18625  | 18900 | 19175  | 3GPP MPR |
|                            |           | Frequency (MHz) |    | 1852.5 | 1880  | 1907.5 |          |
| 5M                         | QPSK      | 1               | 0  | 22.32  | 23.10 | 22.80  | 0        |
|                            |           | 1               | 12 | 22.75  | 22.87 | 22.66  | 0        |
|                            |           | 1               | 24 | 22.07  | 22.19 | 22.02  | 0        |
|                            |           | 12              | 0  | 21.91  | 22.04 | 21.92  | 1        |
|                            |           | 12              | 6  | 21.89  | 21.96 | 21.77  | 1        |
|                            |           | 12              | 13 | 21.77  | 21.85 | 21.66  | 1        |
|                            |           | 25              | 0  | 21.78  | 21.79 | 21.55  | 1        |
| 5M                         | 16QAM     | 1               | 0  | 21.39  | 21.46 | 21.32  | 1        |
|                            |           | 1               | 12 | 21.37  | 21.39 | 21.28  | 1        |
|                            |           | 1               | 24 | 21.21  | 21.36 | 21.18  | 1        |
|                            |           | 12              | 0  | 21.21  | 21.20 | 21.07  | 2        |
|                            |           | 12              | 6  | 21.10  | 21.20 | 20.95  | 2        |
|                            |           | 12              | 13 | 21.09  | 21.18 | 20.97  | 2        |
|                            |           | 25              | 0  | 20.80  | 20.86 | 20.70  | 2        |
| 5M                         | 64QAM     | 1               | 0  | 20.72  | 20.69 | 20.50  | 2        |
|                            |           | 1               | 12 | 20.40  | 20.52 | 20.22  | 2        |
|                            |           | 1               | 24 | 20.26  | 20.45 | 20.23  | 2        |
|                            |           | 12              | 0  | 20.22  | 20.45 | 20.23  | 3        |
|                            |           | 12              | 6  | 20.19  | 20.35 | 20.06  | 3        |
|                            |           | 12              | 13 | 20.07  | 20.26 | 20.01  | 3        |
|                            |           | 25              | 0  | 20.16  | 20.25 | 20.00  | 3        |

| LTE Conducted Power (Full) |           |                 |    |        |       |        |          |
|----------------------------|-----------|-----------------|----|--------|-------|--------|----------|
| LTE Band 2                 |           |                 |    |        |       |        |          |
| BW                         | MCS Index | Channel         |    | 18615  | 18900 | 19185  | 3GPP MPR |
|                            |           | Frequency (MHz) |    | 1851.5 | 1880  | 1908.5 |          |
| 3M                         | QPSK      | 1               | 0  | 22.30  | 23.14 | 22.80  | 0        |
|                            |           | 1               | 7  | 22.79  | 22.87 | 22.67  | 0        |
|                            |           | 1               | 14 | 22.09  | 22.21 | 22.04  | 0        |
|                            |           | 8               | 0  | 21.94  | 22.06 | 21.94  | 1        |
|                            |           | 8               | 3  | 21.82  | 21.96 | 21.82  | 1        |
|                            |           | 8               | 7  | 21.77  | 21.89 | 21.67  | 1        |
|                            |           | 15              | 0  | 21.72  | 21.76 | 21.64  | 1        |
| 3M                         | 16QAM     | 1               | 0  | 21.42  | 21.50 | 21.28  | 1        |
|                            |           | 1               | 7  | 21.39  | 21.48 | 21.25  | 1        |
|                            |           | 1               | 14 | 21.18  | 21.34 | 21.15  | 1        |
|                            |           | 8               | 0  | 21.22  | 21.22 | 21.00  | 2        |
|                            |           | 8               | 3  | 21.10  | 21.22 | 20.94  | 2        |
|                            |           | 8               | 7  | 21.06  | 21.17 | 21.06  | 2        |
|                            |           | 15              | 0  | 20.75  | 20.85 | 20.66  | 2        |
| 3M                         | 64QAM     | 1               | 0  | 20.66  | 20.70 | 20.59  | 2        |
|                            |           | 1               | 7  | 20.34  | 20.53 | 20.25  | 2        |
|                            |           | 1               | 14 | 20.28  | 20.42 | 20.28  | 2        |
|                            |           | 8               | 0  | 20.25  | 20.43 | 20.17  | 3        |
|                            |           | 8               | 3  | 20.25  | 20.28 | 20.11  | 3        |
|                            |           | 8               | 7  | 20.15  | 20.25 | 19.96  | 3        |
|                            |           | 15              | 0  | 20.18  | 20.26 | 20.08  | 3        |
| BW                         | MCS Index | Channel         |    | 18607  | 18900 | 19193  | 3GPP MPR |
|                            |           | Frequency (MHz) |    | 1850.7 | 1880  | 1909.3 |          |
| 1.4M                       | QPSK      | 1               | 0  | 22.92  | 23.05 | 22.98  | 0        |
|                            |           | 1               | 2  | 22.89  | 22.86 | 22.85  | 0        |
|                            |           | 1               | 5  | 22.79  | 22.83 | 22.77  | 0        |
|                            |           | 3               | 0  | 22.75  | 22.97 | 22.75  | 0        |
|                            |           | 3               | 1  | 22.73  | 22.93 | 22.67  | 0        |
|                            |           | 3               | 3  | 22.75  | 22.84 | 22.60  | 0        |
|                            |           | 6               | 0  | 22.72  | 22.70 | 22.55  | 1        |
| 1.4M                       | 16QAM     | 1               | 0  | 22.41  | 22.41 | 22.23  | 1        |
|                            |           | 1               | 2  | 22.34  | 22.42 | 22.16  | 1        |
|                            |           | 1               | 5  | 22.12  | 22.32 | 22.05  | 1        |
|                            |           | 3               | 0  | 22.13  | 22.20 | 21.98  | 1        |
|                            |           | 3               | 1  | 22.10  | 22.18 | 21.87  | 1        |
|                            |           | 3               | 3  | 21.99  | 22.12 | 22.01  | 1        |
|                            |           | 6               | 0  | 20.71  | 20.77 | 20.65  | 2        |
| 1.4M                       | 64QAM     | 1               | 0  | 20.62  | 20.63 | 20.58  | 2        |
|                            |           | 1               | 2  | 20.32  | 20.46 | 20.16  | 2        |
|                            |           | 1               | 5  | 20.26  | 20.32 | 20.19  | 2        |
|                            |           | 3               | 0  | 20.18  | 20.33 | 20.09  | 2        |
|                            |           | 3               | 1  | 20.19  | 20.20 | 20.04  | 2        |
|                            |           | 3               | 3  | 20.10  | 20.22 | 20.18  | 2        |
|                            |           | 6               | 0  | 19.14  | 19.22 | 19.20  | 3        |

| LTE Conducted Power (Full) |           |                 |           |        |        |        |               |
|----------------------------|-----------|-----------------|-----------|--------|--------|--------|---------------|
| LTE Band 4                 |           |                 |           |        |        |        |               |
| BW                         | MCS Index | RB Size         | RB Offset | Low    | Mid    | High   | 3GPP MPR (dB) |
|                            |           | Channel         |           | 20050  | 20175  | 20300  |               |
|                            |           | Frequency (MHz) |           | 1720   | 1732.5 | 1745   |               |
| 20M                        | QPSK      | 1               | 0         | 22.91  | 22.94  | 22.72  | 0             |
|                            |           | 1               | 50        | 22.85  | 22.87  | 22.83  | 0             |
|                            |           | 1               | 99        | 22.17  | 22.21  | 22.15  | 0             |
|                            |           | 50              | 0         | 22.03  | 22.06  | 21.99  | 1             |
|                            |           | 50              | 25        | 21.92  | 21.96  | 21.94  | 1             |
|                            |           | 50              | 50        | 21.89  | 21.89  | 21.86  | 1             |
|                            |           | 100             | 0         | 21.70  | 21.76  | 21.69  | 1             |
| 20M                        | 16QAM     | 1               | 0         | 21.40  | 21.50  | 21.48  | 1             |
|                            |           | 1               | 50        | 21.46  | 21.48  | 21.40  | 1             |
|                            |           | 1               | 99        | 21.29  | 21.34  | 21.24  | 1             |
|                            |           | 50              | 0         | 21.15  | 21.22  | 21.14  | 2             |
|                            |           | 50              | 25        | 21.20  | 21.22  | 21.22  | 2             |
|                            |           | 50              | 50        | 21.16  | 21.17  | 21.11  | 2             |
|                            |           | 100             | 0         | 20.79  | 20.85  | 20.82  | 2             |
| 20M                        | 64QAM     | 1               | 0         | 20.69  | 20.70  | 20.62  | 2             |
|                            |           | 1               | 50        | 20.46  | 20.53  | 20.52  | 2             |
|                            |           | 1               | 99        | 20.35  | 20.42  | 20.38  | 2             |
|                            |           | 50              | 0         | 20.35  | 20.43  | 20.40  | 3             |
|                            |           | 50              | 25        | 20.24  | 20.28  | 20.28  | 3             |
|                            |           | 50              | 50        | 20.23  | 20.25  | 20.18  | 3             |
|                            |           | 100             | 0         | 20.19  | 20.26  | 20.26  | 3             |
| BW                         | MCS Index | Channel         |           | 20025  | 20175  | 20325  | 3GPP MPR      |
|                            |           | Frequency (MHz) |           | 1717.5 | 1732.5 | 1747.5 |               |
| 15M                        | QPSK      | 1               | 0         | 22.88  | 22.85  | 22.71  | 0             |
|                            |           | 1               | 37        | 22.76  | 22.82  | 22.83  | 0             |
|                            |           | 1               | 74        | 22.11  | 22.16  | 22.05  | 0             |
|                            |           | 36              | 0         | 21.97  | 21.99  | 21.91  | 1             |
|                            |           | 36              | 19        | 21.88  | 21.92  | 21.90  | 1             |
|                            |           | 36              | 39        | 21.85  | 21.88  | 21.76  | 1             |
|                            |           | 75              | 0         | 21.64  | 21.70  | 21.59  | 1             |
| 15M                        | 16QAM     | 1               | 0         | 21.30  | 21.50  | 21.41  | 1             |
|                            |           | 1               | 37        | 21.42  | 21.48  | 21.37  | 1             |
|                            |           | 1               | 74        | 21.22  | 21.27  | 21.20  | 1             |
|                            |           | 36              | 0         | 21.07  | 21.22  | 21.06  | 2             |
|                            |           | 36              | 19        | 21.15  | 21.13  | 21.19  | 2             |
|                            |           | 36              | 39        | 21.07  | 21.17  | 21.02  | 2             |
|                            |           | 75              | 0         | 20.77  | 20.79  | 20.72  | 2             |
| 15M                        | 64QAM     | 1               | 0         | 20.64  | 20.69  | 20.57  | 2             |
|                            |           | 1               | 37        | 20.37  | 20.44  | 20.45  | 2             |
|                            |           | 1               | 74        | 20.32  | 20.38  | 20.33  | 2             |
|                            |           | 36              | 0         | 20.30  | 20.36  | 20.33  | 3             |
|                            |           | 36              | 19        | 20.22  | 20.27  | 20.26  | 3             |
|                            |           | 36              | 39        | 20.19  | 20.17  | 20.15  | 3             |
|                            |           | 75              | 0         | 20.10  | 20.19  | 20.25  | 3             |

| LTE Conducted Power (Full) |           |                 |    |        |        |        |          |
|----------------------------|-----------|-----------------|----|--------|--------|--------|----------|
| LTE Band 4                 |           |                 |    |        |        |        |          |
| BW                         | MCS Index | Channel         |    | 20000  | 20175  | 20350  | 3GPP MPR |
|                            |           | Frequency (MHz) |    | 1715   | 1732.5 | 1750   |          |
| 10M                        | QPSK      | 1               | 0  | 22.81  | 22.86  | 22.63  | 0        |
|                            |           | 1               | 24 | 22.75  | 22.81  | 22.78  | 0        |
|                            |           | 1               | 49 | 22.08  | 22.19  | 22.12  | 0        |
|                            |           | 25              | 0  | 21.99  | 21.96  | 21.97  | 1        |
|                            |           | 25              | 12 | 21.92  | 21.88  | 21.91  | 1        |
|                            |           | 25              | 25 | 21.88  | 21.87  | 21.81  | 1        |
|                            |           | 50              | 0  | 21.70  | 21.66  | 21.63  | 1        |
| 10M                        | 16QAM     | 1               | 0  | 21.33  | 21.46  | 21.44  | 1        |
|                            |           | 1               | 24 | 21.40  | 21.41  | 21.40  | 1        |
|                            |           | 1               | 49 | 21.23  | 21.30  | 21.17  | 1        |
|                            |           | 25              | 0  | 21.11  | 21.16  | 21.12  | 2        |
|                            |           | 25              | 12 | 21.10  | 21.19  | 21.14  | 2        |
|                            |           | 25              | 25 | 21.08  | 21.10  | 21.01  | 2        |
|                            |           | 50              | 0  | 20.71  | 20.85  | 20.79  | 2        |
| 10M                        | 64QAM     | 1               | 0  | 20.68  | 20.68  | 20.52  | 2        |
|                            |           | 1               | 24 | 20.46  | 20.48  | 20.45  | 2        |
|                            |           | 1               | 49 | 20.26  | 20.42  | 20.35  | 2        |
|                            |           | 25              | 0  | 20.26  | 20.33  | 20.35  | 3        |
|                            |           | 25              | 12 | 20.24  | 20.18  | 20.23  | 3        |
|                            |           | 25              | 25 | 20.23  | 20.20  | 20.13  | 3        |
|                            |           | 50              | 0  | 20.09  | 20.26  | 20.26  | 3        |
| BW                         | MCS Index | Channel         |    | 19975  | 20175  | 20375  | 3GPP MPR |
|                            |           | Frequency (MHz) |    | 1712.5 | 1732.5 | 1752.5 |          |
| 5M                         | QPSK      | 1               | 0  | 22.85  | 22.69  | 22.71  | 0        |
|                            |           | 1               | 12 | 22.78  | 22.79  | 22.80  | 0        |
|                            |           | 1               | 24 | 22.10  | 22.13  | 22.13  | 0        |
|                            |           | 12              | 0  | 21.94  | 22.04  | 21.94  | 1        |
|                            |           | 12              | 6  | 21.84  | 21.86  | 21.93  | 1        |
|                            |           | 12              | 13 | 21.81  | 21.85  | 21.76  | 1        |
|                            |           | 25              | 0  | 21.61  | 21.72  | 21.65  | 1        |
| 5M                         | 16QAM     | 1               | 0  | 21.34  | 21.43  | 21.47  | 1        |
|                            |           | 1               | 12 | 21.45  | 21.45  | 21.31  | 1        |
|                            |           | 1               | 24 | 21.19  | 21.30  | 21.23  | 1        |
|                            |           | 12              | 0  | 21.05  | 21.19  | 21.08  | 2        |
|                            |           | 12              | 6  | 21.19  | 21.19  | 21.22  | 2        |
|                            |           | 12              | 13 | 21.10  | 21.14  | 21.04  | 2        |
|                            |           | 25              | 0  | 20.69  | 20.80  | 20.73  | 2        |
| 5M                         | 64QAM     | 1               | 0  | 20.63  | 20.62  | 20.56  | 2        |
|                            |           | 1               | 12 | 20.44  | 20.51  | 20.47  | 2        |
|                            |           | 1               | 24 | 20.26  | 20.39  | 20.31  | 2        |
|                            |           | 12              | 0  | 20.27  | 20.36  | 20.34  | 3        |
|                            |           | 12              | 6  | 20.22  | 20.20  | 20.27  | 3        |
|                            |           | 12              | 13 | 20.21  | 20.23  | 20.15  | 3        |
|                            |           | 25              | 0  | 20.19  | 20.20  | 20.22  | 3        |

| LTE Conducted Power (Full) |           |                 |    |        |        |        |          |
|----------------------------|-----------|-----------------|----|--------|--------|--------|----------|
| LTE Band 4                 |           |                 |    |        |        |        |          |
| BW                         | MCS Index | Channel         |    | 19965  | 20175  | 20385  | 3GPP MPR |
|                            |           | Frequency (MHz) |    | 1711.5 | 1732.5 | 1753.5 |          |
| 3M                         | QPSK      | 1               | 0  | 22.79  | 22.84  | 22.68  | 0        |
|                            |           | 1               | 7  | 22.75  | 22.85  | 22.81  | 0        |
|                            |           | 1               | 14 | 22.12  | 22.19  | 22.05  | 0        |
|                            |           | 8               | 0  | 21.98  | 22.00  | 21.89  | 1        |
|                            |           | 8               | 3  | 21.82  | 21.93  | 21.85  | 1        |
|                            |           | 8               | 7  | 21.88  | 21.89  | 21.83  | 1        |
|                            |           | 15              | 0  | 21.66  | 21.70  | 21.61  | 1        |
| 3M                         | 16QAM     | 1               | 0  | 21.37  | 21.50  | 21.42  | 1        |
|                            |           | 1               | 7  | 21.44  | 21.41  | 21.39  | 1        |
|                            |           | 1               | 14 | 21.27  | 21.25  | 21.20  | 1        |
|                            |           | 8               | 0  | 21.07  | 21.16  | 21.06  | 2        |
|                            |           | 8               | 3  | 21.11  | 21.15  | 21.18  | 2        |
|                            |           | 8               | 7  | 21.16  | 21.10  | 21.11  | 2        |
|                            |           | 15              | 0  | 20.79  | 20.82  | 20.82  | 2        |
| 3M                         | 64QAM     | 1               | 0  | 20.68  | 20.63  | 20.56  | 2        |
|                            |           | 1               | 7  | 20.41  | 20.43  | 20.44  | 2        |
|                            |           | 1               | 14 | 20.33  | 20.39  | 20.37  | 2        |
|                            |           | 8               | 0  | 20.33  | 20.36  | 20.34  | 3        |
|                            |           | 8               | 3  | 20.22  | 20.24  | 20.27  | 3        |
|                            |           | 8               | 7  | 20.20  | 20.19  | 20.13  | 3        |
|                            |           | 15              | 0  | 20.16  | 20.18  | 20.18  | 3        |
| BW                         | MCS Index | Channel         |    | 19957  | 20175  | 20393  | 3GPP MPR |
|                            |           | Frequency (MHz) |    | 1710.7 | 1732.5 | 1754.3 |          |
| 1.4M                       | QPSK      | 1               | 0  | 22.85  | 22.86  | 22.88  | 0        |
|                            |           | 1               | 2  | 22.86  | 22.86  | 22.82  | 0        |
|                            |           | 1               | 5  | 22.82  | 22.77  | 22.79  | 0        |
|                            |           | 3               | 0  | 22.78  | 22.75  | 22.67  | 0        |
|                            |           | 3               | 1  | 22.12  | 22.17  | 22.05  | 0        |
|                            |           | 3               | 3  | 22.02  | 22.02  | 22.14  | 0        |
|                            |           | 6               | 0  | 21.68  | 21.69  | 21.65  | 1        |
| 1.4M                       | 16QAM     | 1               | 0  | 21.32  | 21.40  | 21.48  | 1        |
|                            |           | 1               | 2  | 21.41  | 21.43  | 21.31  | 1        |
|                            |           | 1               | 5  | 21.22  | 21.24  | 21.21  | 1        |
|                            |           | 3               | 0  | 21.15  | 21.13  | 21.10  | 1        |
|                            |           | 3               | 1  | 21.17  | 21.13  | 21.12  | 1        |
|                            |           | 3               | 3  | 21.13  | 21.11  | 21.07  | 1        |
|                            |           | 6               | 0  | 20.75  | 20.81  | 20.78  | 2        |
| 1.4M                       | 64QAM     | 1               | 0  | 20.62  | 20.67  | 20.55  | 2        |
|                            |           | 1               | 2  | 20.36  | 20.53  | 20.47  | 2        |
|                            |           | 1               | 5  | 20.31  | 20.36  | 20.37  | 2        |
|                            |           | 3               | 0  | 20.35  | 20.40  | 20.37  | 2        |
|                            |           | 3               | 1  | 20.16  | 20.22  | 20.20  | 2        |
|                            |           | 3               | 3  | 20.20  | 20.23  | 20.12  | 2        |
|                            |           | 6               | 0  | 20.15  | 20.25  | 20.17  | 3        |

| LTE Conducted Power (Full) |           |                 |           |       |       |       |               |
|----------------------------|-----------|-----------------|-----------|-------|-------|-------|---------------|
| LTE Band 5                 |           |                 |           |       |       |       |               |
| BW                         | MCS Index | RB Size         | RB Offset | Low   | Mid   | High  | 3GPP MPR (dB) |
|                            |           | Channel         |           | 20450 | 20525 | 20600 |               |
|                            |           | Frequency (MHz) |           | 829   | 836.5 | 844   |               |
| 10M                        | QPSK      | 1               | 0         | 22.88 | 22.96 | 22.94 | 0             |
|                            |           | 1               | 24        | 22.84 | 22.92 | 22.89 | 0             |
|                            |           | 1               | 49        | 22.89 | 22.89 | 22.84 | 0             |
|                            |           | 25              | 0         | 22.34 | 22.35 | 22.27 | 1             |
|                            |           | 25              | 12        | 22.33 | 22.34 | 22.32 | 1             |
|                            |           | 25              | 25        | 22.06 | 22.12 | 22.09 | 1             |
| 10M                        | 16QAM     | 50              | 0         | 21.78 | 21.82 | 21.79 | 1             |
|                            |           | 1               | 0         | 21.77 | 21.81 | 21.77 | 1             |
|                            |           | 1               | 24        | 21.73 | 21.81 | 21.74 | 1             |
|                            |           | 1               | 49        | 21.72 | 21.79 | 21.78 | 1             |
|                            |           | 25              | 0         | 21.30 | 21.38 | 21.33 | 2             |
|                            |           | 25              | 12        | 21.13 | 21.22 | 21.22 | 2             |
| 10M                        | 64QAM     | 25              | 25        | 21.06 | 21.13 | 21.05 | 2             |
|                            |           | 50              | 0         | 20.78 | 20.84 | 20.84 | 2             |
|                            |           | 1               | 0         | 20.76 | 20.84 | 20.84 | 2             |
|                            |           | 1               | 24        | 20.81 | 20.82 | 20.76 | 2             |
|                            |           | 1               | 49        | 20.78 | 20.81 | 20.79 | 2             |
|                            |           | 25              | 0         | 19.90 | 19.94 | 19.85 | 3             |
| 10M                        | 64QAM     | 25              | 12        | 19.77 | 19.86 | 19.77 | 3             |
|                            |           | 25              | 25        | 19.80 | 19.82 | 19.73 | 3             |
|                            |           | 50              | 0         | 19.75 | 19.78 | 19.77 | 3             |
| BW                         | MCS Index | Channel         |           | 20425 | 20525 | 20625 | 3GPP MPR      |
|                            |           | Frequency (MHz) |           | 826.5 | 836.5 | 846.5 |               |
| 5M                         | QPSK      | 1               | 0         | 22.85 | 22.95 | 22.89 | 0             |
|                            |           | 1               | 12        | 22.74 | 22.86 | 22.87 | 0             |
|                            |           | 1               | 24        | 22.88 | 22.82 | 22.79 | 0             |
|                            |           | 12              | 0         | 22.28 | 22.28 | 22.21 | 1             |
|                            |           | 12              | 6         | 22.26 | 22.28 | 22.29 | 1             |
|                            |           | 12              | 13        | 21.98 | 22.05 | 22.06 | 1             |
| 5M                         | 16QAM     | 25              | 0         | 21.72 | 21.77 | 21.70 | 1             |
|                            |           | 1               | 0         | 21.74 | 21.77 | 21.73 | 1             |
|                            |           | 1               | 12        | 21.66 | 21.74 | 21.72 | 1             |
|                            |           | 1               | 24        | 21.63 | 21.70 | 21.77 | 1             |
|                            |           | 12              | 0         | 21.22 | 21.35 | 21.30 | 2             |
|                            |           | 12              | 6         | 21.05 | 21.13 | 21.22 | 2             |
| 5M                         | 64QAM     | 12              | 13        | 20.98 | 21.08 | 20.99 | 2             |
|                            |           | 25              | 0         | 20.68 | 20.78 | 20.74 | 2             |
|                            |           | 1               | 0         | 20.69 | 20.78 | 20.84 | 2             |
|                            |           | 1               | 12        | 20.75 | 20.80 | 20.75 | 2             |
|                            |           | 1               | 24        | 20.70 | 20.78 | 20.71 | 2             |
|                            |           | 12              | 0         | 19.83 | 19.92 | 19.79 | 3             |
| 5M                         | 64QAM     | 12              | 6         | 19.68 | 19.81 | 19.77 | 3             |
|                            |           | 12              | 13        | 19.70 | 19.76 | 19.70 | 3             |
|                            |           | 25              | 0         | 19.70 | 19.78 | 19.73 | 3             |

| LTE Conducted Power (Full) |           |                 |    |       |       |       |          |
|----------------------------|-----------|-----------------|----|-------|-------|-------|----------|
| LTE Band 5                 |           |                 |    |       |       |       |          |
| BW                         | MCS Index | Channel         |    | 20415 | 20525 | 20635 | 3GPP MPR |
|                            |           | Frequency (MHz) |    | 825.5 | 836.5 | 847.5 |          |
| 3M                         | QPSK      | 1               | 0  | 22.79 | 22.92 | 22.94 | 0        |
|                            |           | 1               | 7  | 22.75 | 22.89 | 22.89 | 0        |
|                            |           | 1               | 14 | 22.79 | 22.85 | 22.75 | 0        |
|                            |           | 8               | 0  | 22.33 | 22.31 | 22.27 | 1        |
|                            |           | 8               | 3  | 22.31 | 22.24 | 22.30 | 1        |
|                            |           | 8               | 7  | 21.96 | 22.02 | 22.05 | 1        |
|                            |           | 15              | 0  | 21.68 | 21.80 | 21.71 | 1        |
| 3M                         | 16QAM     | 1               | 0  | 21.74 | 21.73 | 21.77 | 1        |
|                            |           | 1               | 7  | 21.63 | 21.74 | 21.72 | 1        |
|                            |           | 1               | 14 | 21.67 | 21.77 | 21.72 | 1        |
|                            |           | 8               | 0  | 21.23 | 21.32 | 21.32 | 2        |
|                            |           | 8               | 3  | 21.05 | 21.21 | 21.16 | 2        |
|                            |           | 8               | 7  | 21.00 | 21.09 | 21.05 | 2        |
|                            |           | 15              | 0  | 20.68 | 20.78 | 20.78 | 2        |
| 3M                         | 64QAM     | 1               | 0  | 20.75 | 20.76 | 20.79 | 2        |
|                            |           | 1               | 7  | 20.77 | 20.82 | 20.76 | 2        |
|                            |           | 1               | 14 | 20.70 | 20.75 | 20.74 | 2        |
|                            |           | 8               | 0  | 19.85 | 19.88 | 19.84 | 3        |
|                            |           | 8               | 3  | 19.72 | 19.84 | 19.72 | 3        |
|                            |           | 8               | 7  | 19.79 | 19.78 | 19.69 | 3        |
|                            |           | 15              | 0  | 19.68 | 19.72 | 19.67 | 3        |
| BW                         | MCS Index | Channel         |    | 20407 | 20525 | 20643 | 3GPP MPR |
|                            |           | Frequency (MHz) |    | 824.7 | 836.5 | 848.3 |          |
| 1.4M                       | QPSK      | 1               | 0  | 22.82 | 22.94 | 22.91 | 0        |
|                            |           | 1               | 2  | 22.78 | 22.90 | 22.82 | 0        |
|                            |           | 1               | 5  | 22.88 | 22.83 | 22.81 | 0        |
|                            |           | 3               | 0  | 22.34 | 22.30 | 22.19 | 0        |
|                            |           | 3               | 1  | 22.32 | 22.25 | 22.23 | 0        |
|                            |           | 3               | 3  | 22.15 | 22.12 | 22.08 | 0        |
|                            |           | 6               | 0  | 21.73 | 21.72 | 21.70 | 1        |
| 1.4M                       | 16QAM     | 1               | 0  | 21.71 | 21.76 | 21.67 | 1        |
|                            |           | 1               | 2  | 21.63 | 21.76 | 21.73 | 1        |
|                            |           | 1               | 5  | 21.68 | 21.71 | 21.71 | 1        |
|                            |           | 3               | 0  | 21.20 | 21.33 | 21.30 | 1        |
|                            |           | 3               | 1  | 21.08 | 21.20 | 21.12 | 1        |
|                            |           | 3               | 3  | 21.09 | 21.05 | 21.03 | 1        |
|                            |           | 6               | 0  | 20.70 | 20.84 | 20.83 | 2        |
| 1.4M                       | 64QAM     | 1               | 0  | 20.72 | 20.82 | 20.79 | 2        |
|                            |           | 1               | 2  | 20.75 | 20.77 | 20.66 | 2        |
|                            |           | 1               | 5  | 20.73 | 20.80 | 20.69 | 2        |
|                            |           | 3               | 0  | 20.88 | 20.88 | 20.77 | 2        |
|                            |           | 3               | 1  | 20.69 | 20.83 | 20.72 | 2        |
|                            |           | 3               | 3  | 20.71 | 20.79 | 20.64 | 2        |
|                            |           | 6               | 0  | 19.75 | 19.72 | 19.75 | 3        |

| LTE Conducted Power (Full) |           |                 |           |        |       |        |               |
|----------------------------|-----------|-----------------|-----------|--------|-------|--------|---------------|
| LTE Band 7                 |           |                 |           |        |       |        |               |
| BW                         | MCS Index | RB Size         | RB Offset | Low    | Mid   | High   | 3GPP MPR (dB) |
|                            |           | Channel         |           | 20850  | 21100 | 21350  |               |
|                            |           | Frequency (MHz) |           | 2510   | 2535  | 2560   |               |
| 20M                        | QPSK      | 1               | 0         | 23.42  | 23.45 | 22.87  | 0             |
|                            |           | 1               | 50        | 23.34  | 23.43 | 23.36  | 0             |
|                            |           | 1               | 99        | 23.04  | 23.08 | 23.01  | 0             |
|                            |           | 50              | 0         | 22.87  | 22.90 | 22.84  | 1             |
|                            |           | 50              | 25        | 22.85  | 22.88 | 22.85  | 1             |
|                            |           | 50              | 50        | 22.61  | 22.70 | 22.64  | 1             |
|                            |           | 100             | 0         | 22.44  | 22.52 | 22.42  | 1             |
| 20M                        | 16QAM     | 1               | 0         | 22.46  | 22.50 | 22.49  | 1             |
|                            |           | 1               | 50        | 22.39  | 22.49 | 22.49  | 1             |
|                            |           | 1               | 99        | 22.34  | 22.44 | 22.44  | 1             |
|                            |           | 50              | 0         | 21.92  | 21.92 | 21.82  | 2             |
|                            |           | 50              | 25        | 21.76  | 21.83 | 21.83  | 2             |
|                            |           | 50              | 50        | 21.75  | 21.81 | 21.79  | 2             |
|                            |           | 100             | 0         | 21.49  | 21.54 | 21.46  | 2             |
| 20M                        | 64QAM     | 1               | 0         | 21.44  | 21.52 | 21.52  | 2             |
|                            |           | 1               | 50        | 21.46  | 21.50 | 21.48  | 2             |
|                            |           | 1               | 99        | 21.44  | 21.48 | 21.38  | 2             |
|                            |           | 50              | 0         | 20.93  | 20.98 | 20.97  | 3             |
|                            |           | 50              | 25        | 20.90  | 20.94 | 20.92  | 3             |
|                            |           | 50              | 50        | 20.87  | 20.87 | 20.80  | 3             |
|                            |           | 100             | 0         | 20.76  | 20.82 | 20.80  | 3             |
| BW                         | MCS Index | Channel         |           | 20825  | 21100 | 21375  | 3GPP MPR      |
|                            |           | Frequency (MHz) |           | 2507.5 | 2535  | 2562.5 |               |
| 15M                        | QPSK      | 1               | 0         | 23.42  | 23.44 | 22.82  | 0             |
|                            |           | 1               | 37        | 23.28  | 23.37 | 23.27  | 0             |
|                            |           | 1               | 74        | 22.96  | 23.07 | 22.92  | 0             |
|                            |           | 36              | 0         | 22.78  | 22.87 | 22.81  | 1             |
|                            |           | 36              | 19        | 22.80  | 22.86 | 22.80  | 1             |
|                            |           | 36              | 39        | 22.55  | 22.68 | 22.55  | 1             |
|                            |           | 75              | 0         | 22.39  | 22.43 | 22.37  | 1             |
| 15M                        | 16QAM     | 1               | 0         | 22.46  | 22.41 | 22.45  | 1             |
|                            |           | 1               | 37        | 22.30  | 22.46 | 22.42  | 1             |
|                            |           | 1               | 74        | 22.25  | 22.43 | 22.44  | 1             |
|                            |           | 36              | 0         | 21.87  | 21.91 | 21.76  | 2             |
|                            |           | 36              | 19        | 21.66  | 21.78 | 21.78  | 2             |
|                            |           | 36              | 39        | 21.73  | 21.81 | 21.70  | 2             |
|                            |           | 75              | 0         | 21.49  | 21.54 | 21.41  | 2             |
| 15M                        | 64QAM     | 1               | 0         | 21.40  | 21.48 | 21.49  | 2             |
|                            |           | 1               | 37        | 21.43  | 21.47 | 21.45  | 2             |
|                            |           | 1               | 74        | 21.37  | 21.38 | 21.30  | 2             |
|                            |           | 36              | 0         | 20.87  | 20.95 | 20.97  | 3             |
|                            |           | 36              | 19        | 20.84  | 20.89 | 20.92  | 3             |
|                            |           | 36              | 39        | 20.82  | 20.77 | 20.80  | 3             |
|                            |           | 75              | 0         | 20.69  | 20.74 | 20.74  | 3             |

| LTE Conducted Power (Full) |           |                 |    |        |       |        |          |
|----------------------------|-----------|-----------------|----|--------|-------|--------|----------|
| LTE Band 7                 |           |                 |    |        |       |        |          |
| BW                         | MCS Index | Channel         |    | 20800  | 21100 | 21400  | 3GPP MPR |
|                            |           | Frequency (MHz) |    | 2505   | 2535  | 2565   |          |
| 10M                        | QPSK      | 1               | 0  | 23.35  | 23.39 | 22.83  | 0        |
|                            |           | 1               | 24 | 23.30  | 23.36 | 23.31  | 0        |
|                            |           | 1               | 49 | 22.96  | 23.06 | 23.00  | 0        |
|                            |           | 25              | 0  | 22.80  | 22.84 | 22.80  | 1        |
|                            |           | 25              | 12 | 22.76  | 22.87 | 22.85  | 1        |
|                            |           | 25              | 25 | 22.61  | 22.67 | 22.64  | 1        |
|                            |           | 50              | 0  | 22.43  | 22.52 | 22.33  | 1        |
| 10M                        | 16QAM     | 1               | 0  | 22.41  | 22.41 | 22.40  | 1        |
|                            |           | 1               | 24 | 22.33  | 22.43 | 22.49  | 1        |
|                            |           | 1               | 49 | 22.30  | 22.39 | 22.36  | 1        |
|                            |           | 25              | 0  | 21.88  | 21.91 | 21.73  | 2        |
|                            |           | 25              | 12 | 21.72  | 21.74 | 21.74  | 2        |
|                            |           | 25              | 25 | 21.71  | 21.80 | 21.73  | 2        |
|                            |           | 50              | 0  | 21.49  | 21.49 | 21.41  | 2        |
| 10M                        | 64QAM     | 1               | 0  | 21.41  | 21.49 | 21.52  | 2        |
|                            |           | 1               | 24 | 21.38  | 21.47 | 21.39  | 2        |
|                            |           | 1               | 49 | 21.44  | 21.43 | 21.30  | 2        |
|                            |           | 25              | 0  | 20.90  | 20.95 | 20.95  | 3        |
|                            |           | 25              | 12 | 20.87  | 20.88 | 20.91  | 3        |
|                            |           | 25              | 25 | 20.80  | 20.79 | 20.78  | 3        |
|                            |           | 50              | 0  | 20.71  | 20.74 | 20.76  | 3        |
| BW                         | MCS Index | Channel         |    | 20775  | 21100 | 21425  | 3GPP MPR |
|                            |           | Frequency (MHz) |    | 2502.5 | 2535  | 2567.5 |          |
| 5M                         | QPSK      | 1               | 0  | 23.38  | 23.40 | 22.85  | 0        |
|                            |           | 1               | 12 | 23.29  | 23.37 | 23.27  | 0        |
|                            |           | 1               | 24 | 23.04  | 23.00 | 22.95  | 0        |
|                            |           | 12              | 0  | 22.87  | 22.89 | 22.81  | 1        |
|                            |           | 12              | 6  | 22.80  | 22.85 | 22.85  | 1        |
|                            |           | 12              | 13 | 22.52  | 22.67 | 22.56  | 1        |
|                            |           | 25              | 0  | 22.35  | 22.47 | 22.36  | 1        |
| 5M                         | 16QAM     | 1               | 0  | 22.42  | 22.47 | 22.44  | 1        |
|                            |           | 1               | 12 | 22.39  | 22.42 | 22.39  | 1        |
|                            |           | 1               | 24 | 22.25  | 22.37 | 22.40  | 1        |
|                            |           | 12              | 0  | 21.86  | 21.84 | 21.75  | 2        |
|                            |           | 12              | 6  | 21.69  | 21.74 | 21.75  | 2        |
|                            |           | 12              | 13 | 21.66  | 21.75 | 21.71  | 2        |
|                            |           | 25              | 0  | 21.48  | 21.53 | 21.42  | 2        |
| 5M                         | 64QAM     | 1               | 0  | 21.42  | 21.50 | 21.48  | 2        |
|                            |           | 1               | 12 | 21.43  | 21.42 | 21.47  | 2        |
|                            |           | 1               | 24 | 21.39  | 21.41 | 21.38  | 2        |
|                            |           | 12              | 0  | 20.93  | 20.90 | 20.88  | 3        |
|                            |           | 12              | 6  | 20.87  | 20.85 | 20.92  | 3        |
|                            |           | 12              | 13 | 20.81  | 20.77 | 20.80  | 3        |
|                            |           | 25              | 0  | 20.70  | 20.82 | 20.70  | 3        |

| LTE Conducted Power (Full) |           |                 |           |       |       |       |               |
|----------------------------|-----------|-----------------|-----------|-------|-------|-------|---------------|
| LTE Band 12                |           |                 |           |       |       |       |               |
| BW                         | MCS Index | RB Size         | RB Offset | Low   | Mid   | High  | 3GPP MPR (dB) |
|                            |           | Channel         |           | 23060 | 23095 | 23130 |               |
|                            |           | Frequency (MHz) |           | 704   | 707.5 | 711   |               |
| 10M                        | QPSK      | 1               | 0         | 23.30 | 23.43 | 23.34 | 0             |
|                            |           | 1               | 24        | 22.85 | 22.92 | 22.84 | 0             |
|                            |           | 1               | 49        | 22.79 | 22.89 | 22.87 | 0             |
|                            |           | 25              | 0         | 22.32 | 22.35 | 22.30 | 1             |
|                            |           | 25              | 12        | 22.28 | 22.34 | 22.29 | 1             |
|                            |           | 25              | 25        | 22.10 | 22.12 | 22.12 | 1             |
| 10M                        | 16QAM     | 50              | 0         | 21.75 | 21.82 | 21.82 | 1             |
|                            |           | 1               | 0         | 21.77 | 21.81 | 21.73 | 1             |
|                            |           | 1               | 24        | 21.72 | 21.81 | 21.77 | 1             |
|                            |           | 1               | 49        | 21.79 | 21.79 | 21.77 | 1             |
|                            |           | 25              | 0         | 21.28 | 21.38 | 21.31 | 2             |
|                            |           | 25              | 12        | 21.22 | 21.22 | 21.21 | 2             |
| 10M                        | 64QAM     | 25              | 25        | 21.03 | 21.13 | 21.06 | 2             |
|                            |           | 50              | 0         | 20.77 | 20.84 | 20.78 | 2             |
|                            |           | 1               | 0         | 20.78 | 20.84 | 20.77 | 2             |
|                            |           | 1               | 24        | 20.78 | 20.82 | 20.78 | 2             |
|                            |           | 1               | 49        | 20.80 | 20.81 | 20.80 | 2             |
|                            |           | 25              | 0         | 19.87 | 19.94 | 19.92 | 3             |
| 5M                         | QPSK      | 25              | 12        | 19.76 | 19.86 | 19.83 | 3             |
|                            |           | 25              | 25        | 19.76 | 19.82 | 19.78 | 3             |
|                            |           | 50              | 0         | 19.75 | 19.78 | 19.73 | 3             |
| BW                         | MCS Index | Channel         |           | 23035 | 23095 | 23155 | 3GPP MPR      |
|                            |           | Frequency (MHz) |           | 701.5 | 707.5 | 713.5 |               |
| 5M                         | QPSK      | 1               | 0         | 23.25 | 23.33 | 23.27 | 0             |
|                            |           | 1               | 12        | 22.80 | 22.87 | 22.80 | 0             |
|                            |           | 1               | 24        | 22.70 | 22.85 | 22.86 | 0             |
|                            |           | 12              | 0         | 22.31 | 22.32 | 22.21 | 1             |
|                            |           | 12              | 6         | 22.18 | 22.29 | 22.20 | 1             |
|                            |           | 12              | 13        | 22.08 | 22.10 | 22.12 | 1             |
| 5M                         | 16QAM     | 25              | 0         | 21.65 | 21.76 | 21.76 | 1             |
|                            |           | 1               | 0         | 21.73 | 21.72 | 21.70 | 1             |
|                            |           | 1               | 12        | 21.70 | 21.81 | 21.70 | 1             |
|                            |           | 1               | 24        | 21.73 | 21.69 | 21.67 | 1             |
|                            |           | 12              | 0         | 21.22 | 21.28 | 21.23 | 2             |
|                            |           | 12              | 6         | 21.12 | 21.14 | 21.16 | 2             |
| 5M                         | 64QAM     | 12              | 13        | 20.93 | 21.07 | 20.98 | 2             |
|                            |           | 25              | 0         | 20.68 | 20.80 | 20.76 | 2             |
|                            |           | 1               | 0         | 20.70 | 20.80 | 20.75 | 2             |
|                            |           | 1               | 12        | 20.75 | 20.80 | 20.70 | 2             |
|                            |           | 1               | 24        | 20.71 | 20.77 | 20.73 | 2             |
|                            |           | 12              | 0         | 19.84 | 19.94 | 19.90 | 3             |
| 5M                         | 64QAM     | 12              | 6         | 19.70 | 19.76 | 19.81 | 3             |
|                            |           | 12              | 13        | 19.66 | 19.81 | 19.72 | 3             |
|                            |           | 25              | 0         | 19.70 | 19.75 | 19.66 | 3             |

| LTE Conducted Power (Full) |           |                 |    |       |       |       |          |
|----------------------------|-----------|-----------------|----|-------|-------|-------|----------|
| LTE Band 12                |           |                 |    |       |       |       |          |
| BW                         | MCS Index | Channel         |    | 23025 | 23095 | 23165 | 3GPP MPR |
|                            |           | Frequency (MHz) |    | 700.5 | 707.5 | 714.5 |          |
| 3M                         | QPSK      | 1               | 0  | 23.29 | 23.38 | 23.33 | 0        |
|                            |           | 1               | 7  | 22.84 | 22.91 | 22.78 | 0        |
|                            |           | 1               | 14 | 22.75 | 22.85 | 22.78 | 0        |
|                            |           | 8               | 0  | 22.28 | 22.35 | 22.23 | 1        |
|                            |           | 8               | 3  | 22.23 | 22.29 | 22.26 | 1        |
|                            |           | 8               | 7  | 22.10 | 22.08 | 22.03 | 1        |
|                            |           | 15              | 0  | 21.72 | 21.76 | 21.78 | 1        |
| 3M                         | 16QAM     | 1               | 0  | 21.75 | 21.80 | 21.65 | 1        |
|                            |           | 1               | 7  | 21.68 | 21.71 | 21.73 | 1        |
|                            |           | 1               | 14 | 21.79 | 21.69 | 21.69 | 1        |
|                            |           | 8               | 0  | 21.25 | 21.33 | 21.24 | 2        |
|                            |           | 8               | 3  | 21.13 | 21.21 | 21.20 | 2        |
|                            |           | 8               | 7  | 21.03 | 21.13 | 21.04 | 2        |
|                            |           | 15              | 0  | 20.68 | 20.75 | 20.77 | 2        |
| 3M                         | 64QAM     | 1               | 0  | 20.71 | 20.76 | 20.76 | 2        |
|                            |           | 1               | 7  | 20.73 | 20.76 | 20.73 | 2        |
|                            |           | 1               | 14 | 20.72 | 20.81 | 20.73 | 2        |
|                            |           | 8               | 0  | 19.86 | 19.90 | 19.89 | 3        |
|                            |           | 8               | 3  | 19.70 | 19.86 | 19.76 | 3        |
|                            |           | 8               | 7  | 19.74 | 19.82 | 19.68 | 3        |
|                            |           | 15              | 0  | 19.75 | 19.74 | 19.73 | 3        |
| BW                         | MCS Index | Channel         |    | 23017 | 23095 | 23173 | 3GPP MPR |
|                            |           | Frequency (MHz) |    | 699.7 | 707.5 | 715.3 |          |
| 1.4M                       | QPSK      | 1               | 0  | 23.23 | 23.35 | 23.26 | 0        |
|                            |           | 1               | 2  | 22.78 | 22.83 | 22.76 | 0        |
|                            |           | 1               | 5  | 22.78 | 22.84 | 22.78 | 0        |
|                            |           | 3               | 0  | 22.23 | 22.26 | 22.30 | 0        |
|                            |           | 3               | 1  | 22.18 | 22.29 | 22.24 | 0        |
|                            |           | 3               | 3  | 22.09 | 22.08 | 22.09 | 0        |
|                            |           | 6               | 0  | 21.66 | 21.72 | 21.75 | 1        |
| 1.4M                       | 16QAM     | 1               | 0  | 21.76 | 21.72 | 21.63 | 1        |
|                            |           | 1               | 2  | 21.69 | 21.73 | 21.69 | 1        |
|                            |           | 1               | 5  | 21.70 | 21.72 | 21.68 | 1        |
|                            |           | 3               | 0  | 21.25 | 21.36 | 21.21 | 1        |
|                            |           | 3               | 1  | 21.12 | 21.13 | 21.15 | 1        |
|                            |           | 3               | 3  | 21.03 | 21.12 | 21.06 | 1        |
|                            |           | 6               | 0  | 20.74 | 20.81 | 20.77 | 2        |
| 1.4M                       | 64QAM     | 1               | 0  | 20.68 | 20.76 | 20.73 | 2        |
|                            |           | 1               | 2  | 20.72 | 20.75 | 20.76 | 2        |
|                            |           | 1               | 5  | 20.80 | 20.80 | 20.80 | 2        |
|                            |           | 3               | 0  | 20.82 | 20.88 | 20.84 | 2        |
|                            |           | 3               | 1  | 20.69 | 20.85 | 20.8  | 2        |
|                            |           | 3               | 3  | 20.67 | 20.74 | 20.73 | 2        |
|                            |           | 6               | 0  | 19.73 | 19.72 | 19.68 | 3        |

| LTE Conducted Power (Full) |           |                 |           |       |       |       |               |
|----------------------------|-----------|-----------------|-----------|-------|-------|-------|---------------|
| LTE Band 13                |           |                 |           |       |       |       |               |
| BW                         | MCS Index | RB Size         | RB Offset |       | Mid   |       | 3GPP MPR (dB) |
|                            |           | Channel         |           |       | 23230 |       |               |
|                            |           | Frequency (MHz) |           |       | 782   |       |               |
| 10M                        | QPSK      | 1               | 0         |       | 23.43 |       | 0             |
|                            |           | 1               | 24        |       | 22.92 |       | 0             |
|                            |           | 1               | 49        |       | 22.89 |       | 0             |
|                            |           | 25              | 0         |       | 22.35 |       | 1             |
|                            |           | 25              | 12        |       | 22.34 |       | 1             |
|                            |           | 25              | 25        |       | 22.12 |       | 1             |
| 10M                        | 16QAM     | 50              | 0         |       | 21.82 |       | 1             |
|                            |           | 1               | 0         |       | 21.81 |       | 1             |
|                            |           | 1               | 24        |       | 21.81 |       | 1             |
|                            |           | 1               | 49        |       | 21.79 |       | 1             |
|                            |           | 25              | 0         |       | 21.38 |       | 2             |
|                            |           | 25              | 12        |       | 21.22 |       | 2             |
| 10M                        | 64QAM     | 25              | 25        |       | 21.13 |       | 2             |
|                            |           | 50              | 0         |       | 20.84 |       | 2             |
|                            |           | 1               | 0         |       | 20.84 |       | 2             |
|                            |           | 1               | 24        |       | 20.82 |       | 2             |
|                            |           | 1               | 49        |       | 20.81 |       | 2             |
|                            |           | 25              | 0         |       | 19.94 |       | 3             |
| 10M                        | 64QAM     | 25              | 12        |       | 19.86 |       | 3             |
|                            |           | 25              | 25        |       | 19.82 |       | 3             |
|                            |           | 50              | 0         |       | 19.78 |       | 3             |
| BW                         | MCS Index | Channel         |           | 23205 | 23230 | 23255 | 3GPP MPR      |
|                            |           | Frequency (MHz) |           | 779.5 | 782   | 784.5 |               |
| 5M                         | QPSK      | 1               | 0         | 23.27 | 23.42 | 23.25 | 0             |
|                            |           | 1               | 12        | 22.83 | 22.91 | 22.85 | 0             |
|                            |           | 1               | 24        | 22.79 | 22.87 | 22.74 | 0             |
|                            |           | 12              | 0         | 22.23 | 22.27 | 22.20 | 1             |
|                            |           | 12              | 6         | 22.31 | 22.34 | 22.30 | 1             |
|                            |           | 12              | 13        | 22.00 | 22.07 | 21.99 | 1             |
| 5M                         | 16QAM     | 25              | 0         | 21.75 | 21.80 | 21.79 | 1             |
|                            |           | 1               | 0         | 21.77 | 21.72 | 21.67 | 1             |
|                            |           | 1               | 12        | 21.71 | 21.77 | 21.73 | 1             |
|                            |           | 1               | 24        | 21.74 | 21.71 | 21.70 | 1             |
|                            |           | 12              | 0         | 21.26 | 21.29 | 21.29 | 2             |
|                            |           | 12              | 6         | 21.12 | 21.17 | 21.09 | 2             |
| 5M                         | 64QAM     | 12              | 13        | 21.02 | 21.04 | 21.05 | 2             |
|                            |           | 25              | 0         | 20.77 | 20.79 | 20.81 | 2             |
|                            |           | 1               | 0         | 20.76 | 20.78 | 20.80 | 2             |
|                            |           | 1               | 12        | 20.79 | 20.79 | 20.75 | 2             |
|                            |           | 1               | 24        | 20.63 | 20.74 | 20.69 | 2             |
|                            |           | 12              | 0         | 19.88 | 19.91 | 19.81 | 3             |
| 5M                         | 64QAM     | 12              | 6         | 19.76 | 19.85 | 19.78 | 3             |
|                            |           | 12              | 13        | 19.65 | 19.78 | 19.69 | 3             |
|                            |           | 25              | 0         | 19.65 | 19.72 | 19.66 | 3             |

| LTE Conducted Power (Full) |           |                 |           |       |       |       |               |
|----------------------------|-----------|-----------------|-----------|-------|-------|-------|---------------|
| LTE Band 14                |           |                 |           |       |       |       |               |
| BW                         | MCS Index | RB Size         | RB Offset |       | Mid   |       | 3GPP MPR (dB) |
|                            |           | Channel         |           |       | 23330 |       |               |
|                            |           | Frequency (MHz) |           |       | 793   |       |               |
| 10M                        | QPSK      | 1               | 0         |       | 23.24 |       | 0             |
|                            |           | 1               | 24        |       | 22.92 |       | 0             |
|                            |           | 1               | 49        |       | 22.89 |       | 0             |
|                            |           | 25              | 0         |       | 22.35 |       | 1             |
|                            |           | 25              | 12        |       | 22.34 |       | 1             |
|                            |           | 25              | 25        |       | 22.12 |       | 1             |
| 10M                        | 16QAM     | 50              | 0         |       | 21.82 |       | 1             |
|                            |           | 1               | 0         |       | 21.81 |       | 1             |
|                            |           | 1               | 24        |       | 21.81 |       | 1             |
|                            |           | 1               | 49        |       | 21.79 |       | 1             |
|                            |           | 25              | 0         |       | 21.38 |       | 2             |
|                            |           | 25              | 12        |       | 21.22 |       | 2             |
| 10M                        | 64QAM     | 25              | 25        |       | 21.13 |       | 2             |
|                            |           | 50              | 0         |       | 20.84 |       | 2             |
|                            |           | 1               | 0         |       | 20.84 |       | 2             |
|                            |           | 1               | 24        |       | 20.82 |       | 2             |
|                            |           | 1               | 49        |       | 20.81 |       | 2             |
|                            |           | 25              | 0         |       | 19.94 |       | 3             |
| 10M                        | 64QAM     | 25              | 12        |       | 19.86 |       | 3             |
|                            |           | 25              | 25        |       | 19.82 |       | 3             |
|                            |           | 50              | 0         |       | 19.78 |       | 3             |
| BW                         | MCS Index | Channel         |           | 23305 | 23330 | 23355 | 3GPP MPR      |
|                            |           | Frequency (MHz) |           | 790.5 | 793   | 795.5 |               |
| 5M                         | QPSK      | 1               | 0         | 23.10 | 23.21 | 23.17 | 0             |
|                            |           | 1               | 12        | 22.87 | 22.88 | 22.81 | 0             |
|                            |           | 1               | 24        | 22.79 | 22.82 | 22.74 | 0             |
|                            |           | 12              | 0         | 22.23 | 22.32 | 22.27 | 1             |
|                            |           | 12              | 6         | 22.29 | 22.30 | 22.20 | 1             |
|                            |           | 12              | 13        | 22.01 | 22.03 | 21.99 | 1             |
|                            |           | 25              | 0         | 21.80 | 21.81 | 21.69 | 1             |
| 5M                         | 16QAM     | 1               | 0         | 21.66 | 21.75 | 21.71 | 1             |
|                            |           | 1               | 12        | 21.68 | 21.79 | 21.71 | 1             |
|                            |           | 1               | 24        | 21.63 | 21.75 | 21.64 | 1             |
|                            |           | 12              | 0         | 21.24 | 21.37 | 21.33 | 2             |
|                            |           | 12              | 6         | 21.13 | 21.16 | 21.17 | 2             |
|                            |           | 12              | 13        | 20.98 | 21.07 | 21.00 | 2             |
|                            |           | 25              | 0         | 20.81 | 20.75 | 20.76 | 2             |
| 5M                         | 64QAM     | 1               | 0         | 20.79 | 20.76 | 20.67 | 2             |
|                            |           | 1               | 12        | 20.65 | 20.79 | 20.69 | 2             |
|                            |           | 1               | 24        | 20.66 | 20.79 | 20.73 | 2             |
|                            |           | 12              | 0         | 19.77 | 19.89 | 19.81 | 3             |
|                            |           | 12              | 6         | 19.71 | 19.86 | 19.75 | 3             |
|                            |           | 12              | 13        | 19.77 | 19.76 | 19.68 | 3             |
|                            |           | 25              | 0         | 19.74 | 19.70 | 19.74 | 3             |

| LTE Conducted Power (Full) |           |                 |           |       |       |       |               |
|----------------------------|-----------|-----------------|-----------|-------|-------|-------|---------------|
| LTE Band 17                |           |                 |           |       |       |       |               |
| BW                         | MCS Index | RB Size         | RB Offset | Low   | Mid   | High  | 3GPP MPR (dB) |
|                            |           | Channel         |           | 23780 | 23790 | 23800 |               |
|                            |           | Frequency (MHz) |           | 709   | 710   | 711   |               |
| 10M                        | QPSK      | 1               | 0         | 23.40 | 23.45 | 23.34 | 0             |
|                            |           | 1               | 24        | 23.40 | 23.35 | 23.34 | 0             |
|                            |           | 1               | 49        | 22.84 | 22.84 | 22.87 | 0             |
|                            |           | 25              | 0         | 22.80 | 22.86 | 22.79 | 1             |
|                            |           | 25              | 12        | 22.27 | 22.26 | 22.26 | 1             |
|                            |           | 25              | 25        | 22.34 | 22.31 | 22.31 | 1             |
|                            |           | 50              | 0         | 22.06 | 22.04 | 22.08 | 1             |
| 10M                        | 16QAM     | 1               | 0         | 21.78 | 21.75 | 21.73 | 1             |
|                            |           | 1               | 24        | 21.74 | 21.77 | 21.78 | 1             |
|                            |           | 1               | 49        | 21.71 | 21.71 | 21.73 | 1             |
|                            |           | 25              | 0         | 21.78 | 21.71 | 21.75 | 2             |
|                            |           | 25              | 12        | 21.33 | 21.33 | 21.38 | 2             |
|                            |           | 25              | 25        | 21.17 | 21.13 | 21.19 | 2             |
|                            |           | 50              | 0         | 21.11 | 21.07 | 21.12 | 2             |
| 10M                        | 64QAM     | 1               | 0         | 20.83 | 20.78 | 20.74 | 2             |
|                            |           | 1               | 24        | 20.78 | 20.79 | 20.83 | 2             |
|                            |           | 1               | 49        | 20.75 | 20.78 | 20.79 | 2             |
|                            |           | 25              | 0         | 20.79 | 20.74 | 20.71 | 3             |
|                            |           | 25              | 12        | 19.90 | 19.85 | 19.86 | 3             |
|                            |           | 25              | 25        | 19.78 | 19.86 | 19.82 | 3             |
|                            |           | 50              | 0         | 19.82 | 19.76 | 19.78 | 3             |
| BW                         | MCS Index | Channel         |           | 23755 | 23790 | 23825 | 3GPP MPR      |
|                            |           | Frequency (MHz) |           | 706.5 | 710   | 713.5 |               |
| 5M                         | QPSK      | 1               | 0         | 23.30 | 23.43 | 23.31 | 0             |
|                            |           | 1               | 12        | 22.78 | 22.80 | 22.79 | 0             |
|                            |           | 1               | 24        | 22.78 | 22.80 | 22.70 | 0             |
|                            |           | 12              | 0         | 22.21 | 22.18 | 22.23 | 1             |
|                            |           | 12              | 6         | 22.28 | 22.26 | 22.28 | 1             |
|                            |           | 12              | 13        | 21.99 | 22.03 | 21.98 | 1             |
|                            |           | 25              | 0         | 21.69 | 21.71 | 21.71 | 1             |
| 5M                         | 16QAM     | 1               | 0         | 21.69 | 21.75 | 21.73 | 1             |
|                            |           | 1               | 12        | 21.64 | 21.65 | 21.70 | 1             |
|                            |           | 1               | 24        | 21.76 | 21.70 | 21.65 | 1             |
|                            |           | 12              | 0         | 21.28 | 21.30 | 21.29 | 2             |
|                            |           | 12              | 6         | 21.13 | 21.08 | 21.10 | 2             |
|                            |           | 12              | 13        | 21.11 | 21.07 | 21.10 | 2             |
|                            |           | 25              | 0         | 20.76 | 20.77 | 20.74 | 2             |
| 5M                         | 64QAM     | 1               | 0         | 20.76 | 20.69 | 20.80 | 2             |
|                            |           | 1               | 12        | 20.70 | 20.72 | 20.71 | 2             |
|                            |           | 1               | 24        | 20.70 | 20.72 | 20.67 | 2             |
|                            |           | 12              | 0         | 19.87 | 19.78 | 19.77 | 3             |
|                            |           | 12              | 6         | 19.77 | 19.83 | 19.79 | 3             |
|                            |           | 12              | 13        | 19.79 | 19.73 | 19.76 | 3             |
|                            |           | 25              | 0         | 19.61 | 19.73 | 19.71 | 3             |

## LTE Conducted Power (Full)

### LTE Band 25

| BW  | MCS Index | RB Size         | RB Offset | Low    | Mid    | High   | 3GPP MPR (dB) |
|-----|-----------|-----------------|-----------|--------|--------|--------|---------------|
|     |           | Channel         |           | 26140  | 26365  | 26590  |               |
|     |           | Frequency (MHz) |           | 1860   | 1882.5 | 1905   |               |
| 20M | QPSK      | 1               | 0         | 23.19  | 23.23  | 22.82  | 0             |
|     |           | 1               | 50        | 22.96  | 22.96  | 22.88  | 0             |
|     |           | 1               | 99        | 22.28  | 22.32  | 22.30  | 0             |
|     |           | 50              | 0         | 22.08  | 22.12  | 22.04  | 1             |
|     |           | 50              | 25        | 22.03  | 22.09  | 22.06  | 1             |
|     |           | 50              | 50        | 21.88  | 21.94  | 21.92  | 1             |
|     |           | 100             | 0         | 21.81  | 21.88  | 21.80  | 1             |
| 20M | 16QAM     | 1               | 0         | 21.53  | 21.58  | 21.52  | 1             |
|     |           | 1               | 50        | 21.52  | 21.54  | 21.45  | 1             |
|     |           | 1               | 99        | 21.43  | 21.47  | 21.47  | 1             |
|     |           | 50              | 0         | 21.33  | 21.33  | 21.23  | 2             |
|     |           | 50              | 25        | 21.27  | 21.27  | 21.21  | 2             |
|     |           | 50              | 50        | 21.22  | 21.27  | 21.22  | 2             |
|     |           | 100             | 0         | 20.95  | 20.98  | 20.91  | 2             |
| 20M | 64QAM     | 1               | 0         | 20.80  | 20.84  | 20.74  | 2             |
|     |           | 1               | 50        | 20.52  | 20.58  | 20.53  | 2             |
|     |           | 1               | 99        | 20.46  | 20.55  | 20.53  | 2             |
|     |           | 50              | 0         | 20.50  | 20.51  | 20.46  | 3             |
|     |           | 50              | 25        | 20.32  | 20.42  | 20.32  | 3             |
|     |           | 50              | 50        | 20.36  | 20.36  | 20.36  | 3             |
|     |           | 100             | 0         | 20.25  | 20.32  | 20.26  | 3             |
| BW  | MCS Index | Channel         |           | 26115  | 26365  | 26615  | 3GPP MPR      |
|     |           | Frequency (MHz) |           | 1857.5 | 1882.5 | 1907.5 |               |
| 15M | QPSK      | 1               | 0         | 23.10  | 23.21  | 22.79  | 0             |
|     |           | 1               | 37        | 22.87  | 22.88  | 22.79  | 0             |
|     |           | 1               | 74        | 22.19  | 22.25  | 22.25  | 0             |
|     |           | 36              | 0         | 22.06  | 22.03  | 21.98  | 1             |
|     |           | 36              | 19        | 21.96  | 22.01  | 22.01  | 1             |
|     |           | 36              | 39        | 21.83  | 21.93  | 21.83  | 1             |
|     |           | 75              | 0         | 21.71  | 21.81  | 21.73  | 1             |
| 15M | 16QAM     | 1               | 0         | 21.45  | 21.53  | 21.43  | 1             |
|     |           | 1               | 37        | 21.47  | 21.45  | 21.44  | 1             |
|     |           | 1               | 74        | 21.37  | 21.46  | 21.41  | 1             |
|     |           | 36              | 0         | 21.33  | 21.28  | 21.15  | 2             |
|     |           | 36              | 19        | 21.23  | 21.24  | 21.14  | 2             |
|     |           | 36              | 39        | 21.14  | 21.24  | 21.12  | 2             |
|     |           | 75              | 0         | 20.86  | 20.88  | 20.87  | 2             |
| 15M | 64QAM     | 1               | 0         | 20.70  | 20.75  | 20.70  | 2             |
|     |           | 1               | 37        | 20.43  | 20.52  | 20.50  | 2             |
|     |           | 1               | 74        | 20.39  | 20.49  | 20.45  | 2             |
|     |           | 36              | 0         | 20.45  | 20.43  | 20.42  | 3             |
|     |           | 36              | 19        | 20.25  | 20.38  | 20.32  | 3             |
|     |           | 36              | 39        | 20.28  | 20.32  | 20.26  | 3             |
|     |           | 75              | 0         | 20.21  | 20.23  | 20.18  | 3             |

| LTE Conducted Power (Full) |           |                 |    |        |        |        |          |
|----------------------------|-----------|-----------------|----|--------|--------|--------|----------|
| LTE Band 25                |           |                 |    |        |        |        |          |
| BW                         | MCS Index | Channel         |    | 26090  | 26365  | 26640  | 3GPP MPR |
|                            |           | Frequency (MHz) |    | 1855   | 1882.5 | 1910   |          |
| 10M                        | QPSK      | 1               | 0  | 23.09  | 23.13  | 22.75  | 0        |
|                            |           | 1               | 24 | 22.94  | 22.86  | 22.85  | 0        |
|                            |           | 1               | 49 | 22.20  | 22.27  | 22.23  | 0        |
|                            |           | 25              | 0  | 22.00  | 22.08  | 22.04  | 1        |
|                            |           | 25              | 12 | 22.00  | 22.05  | 21.96  | 1        |
|                            |           | 25              | 25 | 21.78  | 21.94  | 21.90  | 1        |
|                            |           | 50              | 0  | 21.81  | 21.88  | 21.76  | 1        |
| 10M                        | 16QAM     | 1               | 0  | 21.53  | 21.50  | 21.44  | 1        |
|                            |           | 1               | 24 | 21.48  | 21.51  | 21.42  | 1        |
|                            |           | 1               | 49 | 21.35  | 21.45  | 21.44  | 1        |
|                            |           | 25              | 0  | 21.23  | 21.33  | 21.21  | 2        |
|                            |           | 25              | 12 | 21.24  | 21.17  | 21.12  | 2        |
|                            |           | 25              | 25 | 21.12  | 21.24  | 21.21  | 2        |
|                            |           | 50              | 0  | 20.89  | 20.97  | 20.86  | 2        |
| 10M                        | 64QAM     | 1               | 0  | 20.76  | 20.81  | 20.74  | 2        |
|                            |           | 1               | 24 | 20.52  | 20.57  | 20.53  | 2        |
|                            |           | 1               | 49 | 20.36  | 20.50  | 20.47  | 2        |
|                            |           | 25              | 0  | 20.45  | 20.47  | 20.38  | 3        |
|                            |           | 25              | 12 | 20.31  | 20.35  | 20.24  | 3        |
|                            |           | 25              | 25 | 20.34  | 20.33  | 20.31  | 3        |
|                            |           | 50              | 0  | 20.20  | 20.29  | 20.25  | 3        |
| BW                         | MCS Index | Channel         |    | 26065  | 26365  | 26665  | 3GPP MPR |
|                            |           | Frequency (MHz) |    | 1852.5 | 1882.5 | 1912.5 |          |
| 5M                         | QPSK      | 1               | 0  | 23.15  | 23.23  | 22.81  | 0        |
|                            |           | 1               | 12 | 22.88  | 22.90  | 22.83  | 0        |
|                            |           | 1               | 24 | 22.22  | 22.23  | 22.24  | 0        |
|                            |           | 12              | 0  | 22.08  | 22.10  | 21.94  | 1        |
|                            |           | 12              | 6  | 21.97  | 22.02  | 22.03  | 1        |
|                            |           | 12              | 13 | 21.81  | 21.85  | 21.92  | 1        |
|                            |           | 25              | 0  | 21.80  | 21.87  | 21.79  | 1        |
| 5M                         | 16QAM     | 1               | 0  | 21.44  | 21.55  | 21.49  | 1        |
|                            |           | 1               | 12 | 21.52  | 21.54  | 21.45  | 1        |
|                            |           | 1               | 24 | 21.37  | 21.41  | 21.42  | 1        |
|                            |           | 12              | 0  | 21.24  | 21.31  | 21.23  | 2        |
|                            |           | 12              | 6  | 21.25  | 21.22  | 21.14  | 2        |
|                            |           | 12              | 13 | 21.14  | 21.25  | 21.12  | 2        |
|                            |           | 25              | 0  | 20.85  | 20.93  | 20.82  | 2        |
| 5M                         | 64QAM     | 1               | 0  | 20.73  | 20.77  | 20.67  | 2        |
|                            |           | 1               | 12 | 20.42  | 20.51  | 20.51  | 2        |
|                            |           | 1               | 24 | 20.37  | 20.51  | 20.53  | 2        |
|                            |           | 12              | 0  | 20.41  | 20.43  | 20.44  | 3        |
|                            |           | 12              | 6  | 20.29  | 20.39  | 20.32  | 3        |
|                            |           | 12              | 13 | 20.27  | 20.32  | 20.26  | 3        |
|                            |           | 25              | 0  | 20.22  | 20.26  | 20.20  | 3        |

| LTE Conducted Power (Full) |           |                 |    |        |        |        |          |
|----------------------------|-----------|-----------------|----|--------|--------|--------|----------|
| LTE Band 25                |           |                 |    |        |        |        |          |
| BW                         | MCS Index | Channel         |    | 26055  | 26365  | 26675  | 3GPP MPR |
|                            |           | Frequency (MHz) |    | 1851.5 | 1882.5 | 1913.5 |          |
| 3M                         | QPSK      | 1               | 0  | 23.09  | 23.14  | 22.76  | 0        |
|                            |           | 1               | 7  | 22.96  | 22.94  | 22.86  | 0        |
|                            |           | 1               | 14 | 22.25  | 22.22  | 22.20  | 0        |
|                            |           | 8               | 0  | 22.03  | 22.08  | 22.00  | 1        |
|                            |           | 8               | 3  | 21.97  | 22.03  | 22.01  | 1        |
|                            |           | 8               | 7  | 21.78  | 21.89  | 21.91  | 1        |
|                            |           | 15              | 0  | 21.73  | 21.86  | 21.78  | 1        |
| 3M                         | 16QAM     | 1               | 0  | 21.47  | 21.56  | 21.49  | 1        |
|                            |           | 1               | 7  | 21.42  | 21.45  | 21.41  | 1        |
|                            |           | 1               | 14 | 21.35  | 21.42  | 21.41  | 1        |
|                            |           | 8               | 0  | 21.24  | 21.24  | 21.17  | 2        |
|                            |           | 8               | 3  | 21.26  | 21.21  | 21.20  | 2        |
|                            |           | 8               | 7  | 21.14  | 21.23  | 21.17  | 2        |
|                            |           | 15              | 0  | 20.95  | 20.97  | 20.90  | 2        |
| 3M                         | 64QAM     | 1               | 0  | 20.75  | 20.75  | 20.74  | 2        |
|                            |           | 1               | 7  | 20.46  | 20.51  | 20.45  | 2        |
|                            |           | 1               | 14 | 20.45  | 20.51  | 20.45  | 2        |
|                            |           | 8               | 0  | 20.40  | 20.43  | 20.42  | 3        |
|                            |           | 8               | 3  | 20.32  | 20.35  | 20.30  | 3        |
|                            |           | 8               | 7  | 20.26  | 20.31  | 20.29  | 3        |
|                            |           | 15              | 0  | 20.25  | 20.22  | 20.23  | 3        |
| BW                         | MCS Index | Channel         |    | 26047  | 26365  | 26683  | 3GPP MPR |
|                            |           | Frequency (MHz) |    | 1850.7 | 1882.5 | 1914.3 |          |
| 1.4M                       | QPSK      | 1               | 0  | 23.13  | 23.13  | 22.75  | 0        |
|                            |           | 1               | 2  | 22.89  | 22.89  | 22.83  | 0        |
|                            |           | 1               | 5  | 22.25  | 22.29  | 22.21  | 0        |
|                            |           | 3               | 0  | 22.04  | 22.05  | 22.06  | 0        |
|                            |           | 3               | 1  | 22.07  | 22.08  | 22.02  | 0        |
|                            |           | 3               | 3  | 22.17  | 22.01  | 22.17  | 0        |
|                            |           | 6               | 0  | 21.73  | 21.86  | 21.77  | 1        |
| 1.4M                       | 16QAM     | 1               | 0  | 21.47  | 21.53  | 21.46  | 1        |
|                            |           | 1               | 2  | 21.48  | 21.44  | 21.40  | 1        |
|                            |           | 1               | 5  | 21.39  | 21.45  | 21.38  | 1        |
|                            |           | 3               | 0  | 21.32  | 21.24  | 21.23  | 1        |
|                            |           | 3               | 1  | 21.22  | 21.17  | 21.18  | 1        |
|                            |           | 3               | 3  | 21.19  | 21.23  | 21.15  | 1        |
|                            |           | 6               | 0  | 20.88  | 20.97  | 20.91  | 2        |
| 1.4M                       | 64QAM     | 1               | 0  | 20.70  | 20.82  | 20.64  | 2        |
|                            |           | 1               | 2  | 20.43  | 20.50  | 20.46  | 2        |
|                            |           | 1               | 5  | 20.43  | 20.50  | 20.45  | 2        |
|                            |           | 3               | 0  | 20.44  | 20.46  | 20.44  | 2        |
|                            |           | 3               | 1  | 20.30  | 20.40  | 20.28  | 2        |
|                            |           | 3               | 3  | 20.36  | 20.31  | 20.33  | 2        |
|                            |           | 6               | 0  | 20.25  | 20.32  | 20.19  | 3        |

| LTE Conducted Power (Full) |           |                 |           |       |       |       |               |
|----------------------------|-----------|-----------------|-----------|-------|-------|-------|---------------|
| LTE Band 26                |           |                 |           |       |       |       |               |
| BW                         | MCS Index | RB Size         | RB Offset | Low   | Mid   | High  | 3GPP MPR (dB) |
|                            |           | Channel         |           | 26865 | 26915 | 26965 |               |
|                            |           | Frequency (MHz) |           | 831.5 | 836.5 | 841.5 |               |
| 15M                        | QPSK      | 1               | 0         | 23.30 | 23.39 | 23.25 | 0             |
|                            |           | 1               | 37        | 22.71 | 22.81 | 22.71 | 0             |
|                            |           | 1               | 74        | 22.76 | 22.85 | 22.78 | 0             |
|                            |           | 36              | 0         | 22.21 | 22.24 | 22.22 | 1             |
|                            |           | 36              | 19        | 22.07 | 22.17 | 22.18 | 1             |
|                            |           | 36              | 39        | 21.96 | 21.94 | 21.96 | 1             |
|                            |           | 75              | 0         | 21.68 | 21.72 | 21.56 | 1             |
| 15M                        | 16QAM     | 1               | 0         | 21.75 | 21.76 | 21.66 | 1             |
|                            |           | 1               | 37        | 21.59 | 21.65 | 21.67 | 1             |
|                            |           | 1               | 74        | 21.64 | 21.66 | 21.58 | 1             |
|                            |           | 36              | 0         | 21.28 | 21.28 | 21.26 | 2             |
|                            |           | 36              | 19        | 20.99 | 21.04 | 21.03 | 2             |
|                            |           | 36              | 39        | 21.00 | 21.06 | 20.93 | 2             |
|                            |           | 75              | 0         | 20.72 | 20.78 | 20.75 | 2             |
| 15M                        | 64QAM     | 1               | 0         | 20.73 | 20.74 | 20.71 | 2             |
|                            |           | 1               | 37        | 20.71 | 20.70 | 20.66 | 2             |
|                            |           | 1               | 74        | 20.67 | 20.71 | 20.61 | 2             |
|                            |           | 36              | 0         | 19.77 | 19.82 | 19.79 | 3             |
|                            |           | 36              | 19        | 19.73 | 19.86 | 19.78 | 3             |
|                            |           | 36              | 39        | 19.67 | 19.67 | 19.64 | 3             |
|                            |           | 75              | 0         | 19.68 | 19.70 | 19.61 | 3             |
| BW                         | MCS Index | Channel         |           | 26840 | 26915 | 26990 | 3GPP MPR      |
|                            |           | Frequency (MHz) |           | 829   | 836.5 | 844   |               |
| 10M                        | QPSK      | 1               | 0         | 23.29 | 23.32 | 23.16 | 0             |
|                            |           | 1               | 24        | 22.68 | 22.77 | 22.78 | 0             |
|                            |           | 1               | 49        | 22.72 | 22.85 | 22.76 | 0             |
|                            |           | 25              | 0         | 22.22 | 22.28 | 22.26 | 1             |
|                            |           | 25              | 12        | 22.06 | 22.25 | 22.09 | 1             |
|                            |           | 25              | 25        | 21.94 | 21.98 | 21.95 | 1             |
|                            |           | 50              | 0         | 21.69 | 21.75 | 21.66 | 1             |
| 10M                        | 16QAM     | 1               | 0         | 21.67 | 21.70 | 21.71 | 1             |
|                            |           | 1               | 24        | 21.52 | 21.65 | 21.57 | 1             |
|                            |           | 1               | 49        | 21.59 | 21.70 | 21.54 | 1             |
|                            |           | 25              | 0         | 21.25 | 21.23 | 21.26 | 2             |
|                            |           | 25              | 12        | 21.06 | 21.04 | 20.96 | 2             |
|                            |           | 25              | 25        | 21.03 | 21.05 | 20.93 | 2             |
|                            |           | 50              | 0         | 20.77 | 20.72 | 20.74 | 2             |
| 10M                        | 64QAM     | 1               | 0         | 20.71 | 20.74 | 20.67 | 2             |
|                            |           | 1               | 24        | 20.67 | 20.73 | 20.71 | 2             |
|                            |           | 1               | 49        | 20.74 | 20.70 | 20.69 | 2             |
|                            |           | 25              | 0         | 19.80 | 19.80 | 19.76 | 3             |
|                            |           | 25              | 12        | 19.76 | 19.77 | 19.73 | 3             |
|                            |           | 25              | 25        | 19.63 | 19.70 | 19.66 | 3             |
|                            |           | 50              | 0         | 19.72 | 19.69 | 19.62 | 3             |

| LTE Conducted Power (Full) |           |                 |    |       |       |       |          |
|----------------------------|-----------|-----------------|----|-------|-------|-------|----------|
| LTE Band 26                |           |                 |    |       |       |       |          |
| BW                         | MCS Index | Channel         |    | 26815 | 26915 | 27015 | 3GPP MPR |
|                            |           | Frequency (MHz) |    | 826.5 | 836.5 | 846.5 |          |
| 5M                         | QPSK      | 1               | 0  | 23.21 | 23.34 | 23.23 | 0        |
|                            |           | 1               | 12 | 22.73 | 22.83 | 22.76 | 0        |
|                            |           | 1               | 24 | 22.71 | 22.82 | 22.77 | 0        |
|                            |           | 12              | 0  | 22.22 | 22.31 | 22.22 | 1        |
|                            |           | 12              | 6  | 22.14 | 22.23 | 22.15 | 1        |
|                            |           | 12              | 13 | 21.97 | 22.02 | 21.94 | 1        |
|                            |           | 25              | 0  | 21.73 | 21.74 | 21.61 | 1        |
| 5M                         | 16QAM     | 1               | 0  | 21.71 | 21.69 | 21.72 | 1        |
|                            |           | 1               | 12 | 21.59 | 21.70 | 21.62 | 1        |
|                            |           | 1               | 24 | 21.63 | 21.71 | 21.54 | 1        |
|                            |           | 12              | 0  | 21.30 | 21.32 | 21.22 | 2        |
|                            |           | 12              | 6  | 21.06 | 21.09 | 20.99 | 2        |
|                            |           | 12              | 13 | 20.95 | 21.06 | 20.90 | 2        |
|                            |           | 25              | 0  | 20.75 | 20.75 | 20.67 | 2        |
| 5M                         | 64QAM     | 1               | 0  | 20.75 | 20.74 | 20.66 | 2        |
|                            |           | 1               | 12 | 20.70 | 20.75 | 20.72 | 2        |
|                            |           | 1               | 24 | 20.69 | 20.67 | 20.67 | 2        |
|                            |           | 12              | 0  | 19.81 | 19.84 | 19.76 | 3        |
|                            |           | 12              | 6  | 19.81 | 19.86 | 19.79 | 3        |
|                            |           | 12              | 13 | 19.66 | 19.67 | 19.69 | 3        |
|                            |           | 25              | 0  | 19.73 | 19.69 | 19.66 | 3        |
| BW                         | MCS Index | Channel         |    | 26805 | 26915 | 27025 | 3GPP MPR |
|                            |           | Frequency (MHz) |    | 825.5 | 836.5 | 847.5 |          |
| 3M                         | QPSK      | 1               | 0  | 23.24 | 23.27 | 23.16 | 0        |
|                            |           | 1               | 7  | 22.70 | 22.74 | 22.70 | 0        |
|                            |           | 1               | 14 | 22.68 | 22.85 | 22.73 | 0        |
|                            |           | 8               | 0  | 22.22 | 22.28 | 22.24 | 1        |
|                            |           | 8               | 3  | 22.11 | 22.19 | 22.16 | 1        |
|                            |           | 8               | 7  | 21.98 | 22.01 | 21.94 | 1        |
|                            |           | 15              | 0  | 21.71 | 21.74 | 21.59 | 1        |
| 3M                         | 16QAM     | 1               | 0  | 21.73 | 21.76 | 21.72 | 1        |
|                            |           | 1               | 7  | 21.53 | 21.68 | 21.58 | 1        |
|                            |           | 1               | 14 | 21.66 | 21.67 | 21.54 | 1        |
|                            |           | 8               | 0  | 21.23 | 21.28 | 21.25 | 2        |
|                            |           | 8               | 3  | 20.96 | 21.07 | 21.02 | 2        |
|                            |           | 8               | 7  | 20.99 | 20.98 | 20.95 | 2        |
|                            |           | 15              | 0  | 20.73 | 20.76 | 20.73 | 2        |
| 3M                         | 64QAM     | 1               | 0  | 20.76 | 20.69 | 20.70 | 2        |
|                            |           | 1               | 7  | 20.73 | 20.73 | 20.68 | 2        |
|                            |           | 1               | 14 | 20.70 | 20.68 | 20.66 | 2        |
|                            |           | 8               | 0  | 19.75 | 19.79 | 19.72 | 3        |
|                            |           | 8               | 3  | 19.71 | 19.79 | 19.77 | 3        |
|                            |           | 8               | 7  | 19.63 | 19.71 | 19.66 | 3        |
|                            |           | 15              | 0  | 19.73 | 19.72 | 19.70 | 3        |

| LTE Conducted Power (Full) |           |                 |   |       |       |       |          |
|----------------------------|-----------|-----------------|---|-------|-------|-------|----------|
| LTE Band 26                |           |                 |   |       |       |       |          |
| BW                         | MCS Index | Channel         |   | 26797 | 26915 | 27033 | 3GPP MPR |
|                            |           | Frequency (MHz) |   | 824.7 | 836.5 | 848.3 |          |
| 1.4M                       | QPSK      | 1               | 0 | 23.28 | 23.37 | 23.15 | 0        |
|                            |           | 1               | 2 | 22.70 | 22.76 | 22.70 | 0        |
|                            |           | 1               | 5 | 22.78 | 22.80 | 22.73 | 0        |
|                            |           | 3               | 0 | 22.19 | 22.29 | 22.21 | 0        |
|                            |           | 3               | 1 | 22.12 | 22.16 | 22.11 | 0        |
|                            |           | 3               | 3 | 22.46 | 22.51 | 22.49 | 0        |
|                            |           | 6               | 0 | 21.63 | 21.68 | 21.66 | 1        |
| 1.4M                       | 16QAM     | 1               | 0 | 21.67 | 21.75 | 21.68 | 1        |
|                            |           | 1               | 2 | 21.55 | 21.66 | 21.62 | 1        |
|                            |           | 1               | 5 | 21.67 | 21.62 | 21.60 | 1        |
|                            |           | 3               | 0 | 21.25 | 21.32 | 21.21 | 1        |
|                            |           | 3               | 1 | 21.49 | 21.59 | 21.5  | 1        |
|                            |           | 3               | 3 | 21.49 | 21.5  | 21.48 | 1        |
|                            |           | 6               | 0 | 20.75 | 20.76 | 20.73 | 2        |
| 1.4M                       | 64QAM     | 1               | 0 | 20.77 | 20.75 | 20.74 | 2        |
|                            |           | 1               | 2 | 20.64 | 20.76 | 20.70 | 2        |
|                            |           | 1               | 5 | 20.66 | 20.65 | 20.71 | 2        |
|                            |           | 3               | 0 | 20.21 | 20.29 | 20.24 | 2        |
|                            |           | 3               | 1 | 20.23 | 20.36 | 20.23 | 2        |
|                            |           | 3               | 3 | 20.12 | 20.19 | 20.12 | 2        |
|                            |           | 6               | 0 | 19.67 | 19.77 | 19.64 | 3        |

| LTE Conducted Power (Full) |           |                 |           |        |       |        |               |
|----------------------------|-----------|-----------------|-----------|--------|-------|--------|---------------|
| LTE Band 30                |           |                 |           |        |       |        |               |
| BW                         | MCS Index | RB Size         | RB Offset |        | Mid   |        | 3GPP MPR (dB) |
|                            |           | Channel         |           |        | 27710 |        |               |
|                            |           | Frequency (MHz) |           |        | 2310  |        |               |
| 10M                        | QPSK      | 1               | 0         |        | 22.86 |        | 0             |
|                            |           | 1               | 24        |        | 22.43 |        | 0             |
|                            |           | 1               | 49        |        | 22.08 |        | 0             |
|                            |           | 25              | 0         |        | 21.90 |        | 1             |
|                            |           | 25              | 12        |        | 21.88 |        | 1             |
|                            |           | 25              | 25        |        | 21.70 |        | 1             |
| 10M                        | 16QAM     | 50              | 0         |        | 21.52 |        | 1             |
|                            |           | 1               | 0         |        | 20.50 |        | 1             |
|                            |           | 1               | 24        |        | 20.49 |        | 1             |
|                            |           | 1               | 49        |        | 20.44 |        | 1             |
|                            |           | 25              | 0         |        | 19.92 |        | 2             |
|                            |           | 25              | 12        |        | 19.83 |        | 2             |
| 10M                        | 64QAM     | 25              | 25        |        | 19.81 |        | 2             |
|                            |           | 50              | 0         |        | 19.54 |        | 2             |
|                            |           | 1               | 0         |        | 19.52 |        | 2             |
|                            |           | 1               | 24        |        | 19.50 |        | 2             |
|                            |           | 1               | 49        |        | 19.48 |        | 2             |
|                            |           | 25              | 0         |        | 18.98 |        | 3             |
| 10M                        | 64QAM     | 25              | 12        |        | 18.94 |        | 3             |
|                            |           | 25              | 25        |        | 18.87 |        | 3             |
|                            |           | 50              | 0         |        | 18.82 |        | 3             |
| BW                         | MCS Index | Channel         |           | 27685  | 27710 | 27735  | 3GPP MPR      |
|                            |           | Frequency (MHz) |           | 2307.5 | 2310  | 2312.5 |               |
| 5M                         | QPSK      | 1               | 0         | 21.35  | 21.57 | 22.81  | 0             |
|                            |           | 1               | 12        | 21.33  | 21.40 | 21.37  | 0             |
|                            |           | 1               | 24        | 21.18  | 21.04 | 21.18  | 0             |
|                            |           | 12              | 0         | 20.76  | 20.85 | 20.89  | 1             |
|                            |           | 12              | 6         | 20.77  | 20.85 | 20.79  | 1             |
|                            |           | 12              | 13        | 20.66  | 20.68 | 20.60  | 1             |
|                            |           | 25              | 0         | 20.35  | 20.51 | 20.46  | 1             |
| 5M                         | 16QAM     | 1               | 0         | 20.35  | 20.48 | 20.40  | 1             |
|                            |           | 1               | 12        | 20.31  | 20.49 | 20.30  | 1             |
|                            |           | 1               | 24        | 20.40  | 20.39 | 20.29  | 1             |
|                            |           | 12              | 0         | 19.73  | 19.85 | 19.81  | 2             |
|                            |           | 12              | 6         | 19.79  | 19.74 | 19.76  | 2             |
|                            |           | 12              | 13        | 19.69  | 19.81 | 19.71  | 2             |
|                            |           | 25              | 0         | 19.38  | 19.48 | 19.41  | 2             |
| 5M                         | 64QAM     | 1               | 0         | 19.43  | 19.49 | 19.38  | 2             |
|                            |           | 1               | 12        | 19.47  | 19.46 | 19.38  | 2             |
|                            |           | 1               | 24        | 19.33  | 19.45 | 19.36  | 2             |
|                            |           | 12              | 0         | 18.88  | 18.90 | 18.87  | 3             |
|                            |           | 12              | 6         | 18.82  | 18.85 | 18.82  | 3             |
|                            |           | 12              | 13        | 18.77  | 18.86 | 18.70  | 3             |
|                            |           | 25              | 0         | 18.77  | 18.75 | 18.72  | 3             |

| LTE Conducted Power (Full) |           |                 |           |        |       |        |               |
|----------------------------|-----------|-----------------|-----------|--------|-------|--------|---------------|
| LTE Band 38                |           |                 |           |        |       |        |               |
| BW                         | MCS Index | RB Size         | RB Offset | Low    | Mid   | High   | 3GPP MPR (dB) |
|                            |           | Channel         |           | 37850  | 38000 | 38150  |               |
|                            |           | Frequency (MHz) |           | 2580   | 2595  | 2610   |               |
| 20M                        | QPSK      | 1               | 0         | 23.97  | 23.99 | 23.94  | 0             |
|                            |           | 1               | 50        | 23.43  | 23.43 | 23.33  | 0             |
|                            |           | 1               | 99        | 23.05  | 23.08 | 23.07  | 0             |
|                            |           | 50              | 0         | 22.86  | 22.90 | 22.83  | 1             |
|                            |           | 50              | 25        | 22.85  | 22.88 | 22.81  | 1             |
|                            |           | 50              | 50        | 22.70  | 22.70 | 22.68  | 1             |
|                            |           | 100             | 0         | 22.45  | 22.52 | 22.51  | 1             |
| 20M                        | 16QAM     | 1               | 0         | 22.45  | 22.50 | 22.50  | 1             |
|                            |           | 1               | 50        | 22.48  | 22.49 | 22.44  | 1             |
|                            |           | 1               | 99        | 22.43  | 22.44 | 22.34  | 1             |
|                            |           | 50              | 0         | 21.86  | 21.92 | 21.85  | 2             |
|                            |           | 50              | 25        | 21.82  | 21.83 | 21.74  | 2             |
|                            |           | 50              | 50        | 21.73  | 21.81 | 21.75  | 2             |
|                            |           | 100             | 0         | 21.47  | 21.54 | 21.50  | 2             |
| 20M                        | 64QAM     | 1               | 0         | 21.48  | 21.52 | 21.44  | 2             |
|                            |           | 1               | 50        | 21.49  | 21.50 | 21.49  | 2             |
|                            |           | 1               | 99        | 21.46  | 21.48 | 21.43  | 2             |
|                            |           | 50              | 0         | 20.96  | 20.98 | 20.95  | 3             |
|                            |           | 50              | 25        | 20.90  | 20.94 | 20.94  | 3             |
|                            |           | 50              | 50        | 20.84  | 20.87 | 20.80  | 3             |
|                            |           | 100             | 0         | 20.75  | 20.82 | 20.78  | 3             |
| BW                         | MCS Index | Channel         |           | 37825  | 38000 | 38175  | 3GPP MPR      |
|                            |           | Frequency (MHz) |           | 2577.5 | 2595  | 2612.5 |               |
| 15M                        | QPSK      | 1               | 0         | 22.93  | 23.00 | 22.92  | 0             |
|                            |           | 1               | 37        | 23.39  | 23.34 | 23.31  | 0             |
|                            |           | 1               | 74        | 23.00  | 23.04 | 22.99  | 0             |
|                            |           | 36              | 0         | 22.77  | 22.89 | 22.80  | 1             |
|                            |           | 36              | 19        | 22.80  | 22.85 | 22.76  | 1             |
|                            |           | 36              | 39        | 22.62  | 22.63 | 22.64  | 1             |
|                            |           | 75              | 0         | 22.43  | 22.47 | 22.47  | 1             |
| 15M                        | 16QAM     | 1               | 0         | 22.35  | 22.42 | 22.44  | 1             |
|                            |           | 1               | 37        | 22.46  | 22.46 | 22.44  | 1             |
|                            |           | 1               | 74        | 22.36  | 22.37 | 22.26  | 1             |
|                            |           | 36              | 0         | 21.80  | 21.83 | 21.82  | 2             |
|                            |           | 36              | 19        | 21.74  | 21.78 | 21.66  | 2             |
|                            |           | 36              | 39        | 21.71  | 21.79 | 21.65  | 2             |
|                            |           | 75              | 0         | 21.42  | 21.54 | 21.47  | 2             |
| 15M                        | 64QAM     | 1               | 0         | 21.40  | 21.46 | 21.39  | 2             |
|                            |           | 1               | 37        | 21.46  | 21.50 | 21.44  | 2             |
|                            |           | 1               | 74        | 21.36  | 21.45 | 21.39  | 2             |
|                            |           | 36              | 0         | 20.88  | 20.91 | 20.94  | 3             |
|                            |           | 36              | 19        | 20.85  | 20.94 | 20.85  | 3             |
|                            |           | 36              | 39        | 20.74  | 20.83 | 20.75  | 3             |
|                            |           | 75              | 0         | 20.72  | 20.74 | 20.72  | 3             |

| LTE Conducted Power (Full) |           |                 |    |        |       |        |          |
|----------------------------|-----------|-----------------|----|--------|-------|--------|----------|
| LTE Band 38                |           |                 |    |        |       |        |          |
| BW                         | MCS Index | Channel         |    | 37800  | 38000 | 38200  | 3GPP MPR |
|                            |           | Frequency (MHz) |    | 2575   | 2595  | 2615   |          |
| 10M                        | QPSK      | 1               | 0  | 22.95  | 23.06 | 22.84  | 0        |
|                            |           | 1               | 24 | 23.36  | 23.40 | 23.25  | 0        |
|                            |           | 1               | 49 | 22.96  | 23.04 | 23.02  | 0        |
|                            |           | 25              | 0  | 22.77  | 22.82 | 22.77  | 1        |
|                            |           | 25              | 12 | 22.79  | 22.80 | 22.71  | 1        |
|                            |           | 25              | 25 | 22.68  | 22.62 | 22.68  | 1        |
|                            |           | 50              | 0  | 22.35  | 22.49 | 22.46  | 1        |
| 10M                        | 16QAM     | 1               | 0  | 22.37  | 22.43 | 22.45  | 1        |
|                            |           | 1               | 24 | 22.44  | 22.44 | 22.44  | 1        |
|                            |           | 1               | 49 | 22.33  | 22.40 | 22.24  | 1        |
|                            |           | 25              | 0  | 21.82  | 21.82 | 21.85  | 2        |
|                            |           | 25              | 12 | 21.72  | 21.78 | 21.64  | 2        |
|                            |           | 25              | 25 | 21.67  | 21.77 | 21.69  | 2        |
|                            |           | 50              | 0  | 21.43  | 21.54 | 21.46  | 2        |
| 10M                        | 64QAM     | 1               | 0  | 21.48  | 21.52 | 21.43  | 2        |
|                            |           | 1               | 24 | 21.39  | 21.44 | 21.45  | 2        |
|                            |           | 1               | 49 | 21.46  | 21.45 | 21.40  | 2        |
|                            |           | 25              | 0  | 20.96  | 20.92 | 20.86  | 3        |
|                            |           | 25              | 12 | 20.85  | 20.85 | 20.94  | 3        |
|                            |           | 25              | 25 | 20.78  | 20.79 | 20.77  | 3        |
|                            |           | 50              | 0  | 20.74  | 20.72 | 20.75  | 3        |
| BW                         | MCS Index | Channel         |    | 37775  | 38000 | 38225  | 3GPP MPR |
|                            |           | Frequency (MHz) |    | 2572.5 | 2595  | 2617.5 |          |
| 5M                         | QPSK      | 1               | 0  | 22.95  | 23.10 | 22.91  | 0        |
|                            |           | 1               | 12 | 23.34  | 23.42 | 23.25  | 0        |
|                            |           | 1               | 24 | 23.01  | 23.00 | 23.02  | 0        |
|                            |           | 12              | 0  | 22.86  | 22.80 | 22.73  | 1        |
|                            |           | 12              | 6  | 22.77  | 22.87 | 22.72  | 1        |
|                            |           | 12              | 13 | 22.64  | 22.67 | 22.59  | 1        |
|                            |           | 25              | 0  | 22.44  | 22.52 | 22.48  | 1        |
| 5M                         | 16QAM     | 1               | 0  | 22.35  | 22.41 | 22.46  | 1        |
|                            |           | 1               | 12 | 22.40  | 22.39 | 22.35  | 1        |
|                            |           | 1               | 24 | 22.34  | 22.44 | 22.31  | 1        |
|                            |           | 12              | 0  | 21.80  | 21.84 | 21.84  | 2        |
|                            |           | 12              | 6  | 21.79  | 21.78 | 21.67  | 2        |
|                            |           | 12              | 13 | 21.63  | 21.78 | 21.68  | 2        |
|                            |           | 25              | 0  | 21.45  | 21.50 | 21.50  | 2        |
| 5M                         | 64QAM     | 1               | 0  | 21.39  | 21.50 | 21.34  | 2        |
|                            |           | 1               | 12 | 21.46  | 21.48 | 21.48  | 2        |
|                            |           | 1               | 24 | 21.38  | 21.41 | 21.33  | 2        |
|                            |           | 12              | 0  | 20.92  | 20.92 | 20.86  | 3        |
|                            |           | 12              | 6  | 20.81  | 20.92 | 20.89  | 3        |
|                            |           | 12              | 13 | 20.80  | 20.86 | 20.77  | 3        |
|                            |           | 25              | 0  | 20.75  | 20.74 | 20.72  | 3        |

| LTE Conducted Power (Full) |           |                 |           |        |        |       |        |        |               |
|----------------------------|-----------|-----------------|-----------|--------|--------|-------|--------|--------|---------------|
| LTE Band 41                |           |                 |           |        |        |       |        |        |               |
| BW                         | MCS Index | RB Size         | RB Offset | Low    | Mid    | Mid   | Mid    | High   | 3GPP MPR (dB) |
|                            |           | Channel         |           | 39750  | 40185  | 40620 | 41055  | 41490  |               |
|                            |           | Frequency (MHz) |           | 2506   | 2549.5 | 2593  | 2636.5 | 2680   |               |
| 20M                        | QPSK      | 1               | 0         | 23.42  | 23.35  | 23.50 | 22.97  | 23.37  | 0             |
|                            |           | 1               | 50        | 23.33  | 23.36  | 23.28 | 23.36  | 23.38  | 0             |
|                            |           | 1               | 99        | 23.04  | 22.96  | 22.92 | 23.05  | 22.98  | 0             |
|                            |           | 50              | 0         | 22.86  | 22.80  | 22.87 | 22.86  | 22.81  | 1             |
|                            |           | 50              | 25        | 22.80  | 22.74  | 22.77 | 22.84  | 22.75  | 1             |
|                            |           | 50              | 50        | 22.66  | 22.56  | 22.59 | 22.61  | 22.65  | 1             |
| 20M                        | 16QAM     | 100             | 0         | 22.45  | 22.43  | 22.50 | 22.49  | 22.37  | 1             |
|                            |           | 1               | 0         | 22.46  | 22.40  | 22.37 | 22.40  | 22.44  | 1             |
|                            |           | 1               | 50        | 22.43  | 22.35  | 22.38 | 22.49  | 22.38  | 1             |
|                            |           | 1               | 99        | 22.37  | 22.35  | 22.34 | 22.35  | 22.43  | 1             |
|                            |           | 50              | 0         | 21.85  | 21.82  | 21.86 | 21.86  | 21.89  | 2             |
|                            |           | 50              | 25        | 21.76  | 21.65  | 21.74 | 21.76  | 21.69  | 2             |
| 20M                        | 64QAM     | 50              | 50        | 21.71  | 21.68  | 21.66 | 21.81  | 21.72  | 2             |
|                            |           | 100             | 0         | 21.52  | 21.48  | 21.46 | 21.48  | 21.44  | 2             |
|                            |           | 1               | 0         | 21.48  | 21.49  | 21.39 | 21.45  | 21.49  | 2             |
|                            |           | 1               | 50        | 21.50  | 21.42  | 21.48 | 21.49  | 21.43  | 2             |
|                            |           | 1               | 99        | 21.46  | 21.29  | 21.36 | 21.44  | 21.38  | 2             |
|                            |           | 50              | 0         | 20.89  | 20.87  | 20.90 | 20.90  | 20.85  | 3             |
| 20M                        | 64QAM     | 50              | 25        | 20.92  | 20.90  | 20.79 | 20.87  | 20.84  | 3             |
|                            |           | 50              | 50        | 20.82  | 20.81  | 20.77 | 20.77  | 20.77  | 3             |
|                            |           | 100             | 0         | 20.76  | 20.68  | 20.67 | 20.77  | 20.71  | 3             |
| BW                         | MCS Index | Channel         |           | 39725  | 40173  | 40620 | 41068  | 41515  | 3GPP MPR      |
|                            |           | Frequency (MHz) |           | 2503.5 | 2548.3 | 2593  | 2637.8 | 2682.5 |               |
| 15M                        | QPSK      | 1               | 0         | 23.41  | 23.26  | 23.31 | 23.40  | 23.28  | 0             |
|                            |           | 1               | 37        | 23.43  | 23.40  | 23.25 | 23.41  | 23.31  | 0             |
|                            |           | 1               | 74        | 23.08  | 22.97  | 22.97 | 23.05  | 22.95  | 0             |
|                            |           | 36              | 0         | 22.85  | 22.79  | 22.86 | 22.85  | 22.82  | 1             |
|                            |           | 36              | 19        | 22.80  | 22.74  | 22.75 | 22.85  | 22.75  | 1             |
|                            |           | 36              | 39        | 22.61  | 22.57  | 22.65 | 22.61  | 22.56  | 1             |
| 15M                        | 16QAM     | 75              | 0         | 22.45  | 22.39  | 22.51 | 22.50  | 22.46  | 1             |
|                            |           | 1               | 0         | 22.43  | 22.45  | 22.38 | 22.43  | 22.42  | 1             |
|                            |           | 1               | 37        | 22.44  | 22.37  | 22.32 | 22.44  | 22.44  | 1             |
|                            |           | 1               | 74        | 22.35  | 22.38  | 22.37 | 22.37  | 22.39  | 1             |
|                            |           | 36              | 0         | 21.88  | 21.85  | 21.81 | 21.83  | 21.85  | 2             |
|                            |           | 36              | 19        | 21.74  | 21.68  | 21.68 | 21.79  | 21.70  | 2             |
| 15M                        | 64QAM     | 36              | 39        | 21.78  | 21.70  | 21.64 | 21.72  | 21.73  | 2             |
|                            |           | 75              | 0         | 21.52  | 21.48  | 21.47 | 21.47  | 21.40  | 2             |
|                            |           | 1               | 0         | 21.48  | 21.46  | 21.45 | 21.43  | 21.43  | 2             |
|                            |           | 1               | 37        | 21.40  | 21.47  | 21.42 | 21.40  | 21.41  | 2             |
|                            |           | 1               | 74        | 21.45  | 21.33  | 21.30 | 21.46  | 21.33  | 2             |
|                            |           | 36              | 0         | 20.95  | 20.85  | 20.88 | 20.96  | 20.90  | 3             |
| 15M                        | 64QAM     | 36              | 19        | 20.92  | 20.85  | 20.82 | 20.85  | 20.85  | 3             |
|                            |           | 36              | 39        | 20.87  | 20.85  | 20.81 | 20.84  | 20.83  | 3             |
|                            |           | 75              | 0         | 20.81  | 20.64  | 20.70 | 20.81  | 20.70  | 3             |

| LTE Conducted Power (Full) |           |                 |    |        |        |       |        |        |          |
|----------------------------|-----------|-----------------|----|--------|--------|-------|--------|--------|----------|
| LTE Band 41                |           |                 |    |        |        |       |        |        |          |
| BW                         | MCS Index | Channel         |    | 39700  | 40160  | 40620 | 41080  | 41540  | 3GPP MPR |
|                            |           | Frequency (MHz) |    | 2501   | 2547   | 2593  | 2639   | 2685   |          |
| 10M                        | QPSK      | 1               | 0  | 23.32  | 23.33  | 23.33 | 23.34  | 23.25  | 0        |
|                            |           | 1               | 24 | 23.37  | 23.32  | 23.28 | 23.39  | 23.34  | 0        |
|                            |           | 1               | 49 | 23.00  | 22.99  | 22.94 | 23.06  | 22.96  | 0        |
|                            |           | 25              | 0  | 22.87  | 22.75  | 22.77 | 22.86  | 22.75  | 1        |
|                            |           | 25              | 12 | 22.78  | 22.74  | 22.81 | 22.83  | 22.76  | 1        |
|                            |           | 25              | 25 | 22.65  | 22.60  | 22.57 | 22.63  | 22.63  | 1        |
|                            |           | 50              | 0  | 22.52  | 22.38  | 22.40 | 22.44  | 22.45  | 1        |
| 10M                        | 16QAM     | 1               | 0  | 22.41  | 22.40  | 22.34 | 22.41  | 22.40  | 1        |
|                            |           | 1               | 24 | 22.48  | 22.36  | 22.36 | 22.44  | 22.39  | 1        |
|                            |           | 1               | 49 | 22.44  | 22.44  | 22.39 | 22.44  | 22.43  | 1        |
|                            |           | 25              | 0  | 21.88  | 21.79  | 21.83 | 21.83  | 21.84  | 2        |
|                            |           | 25              | 12 | 21.82  | 21.66  | 21.69 | 21.75  | 21.71  | 2        |
|                            |           | 25              | 25 | 21.73  | 21.72  | 21.66 | 21.78  | 21.69  | 2        |
|                            |           | 50              | 0  | 21.46  | 21.47  | 21.48 | 21.50  | 21.44  | 2        |
| 10M                        | 64QAM     | 1               | 0  | 21.47  | 21.40  | 21.44 | 21.46  | 21.47  | 2        |
|                            |           | 1               | 24 | 21.50  | 21.41  | 21.44 | 21.46  | 21.45  | 2        |
|                            |           | 1               | 49 | 21.40  | 21.34  | 21.35 | 21.46  | 21.38  | 2        |
|                            |           | 25              | 0  | 20.94  | 20.86  | 20.81 | 20.94  | 20.93  | 3        |
|                            |           | 25              | 12 | 20.92  | 20.83  | 20.81 | 20.84  | 20.82  | 3        |
|                            |           | 25              | 25 | 20.84  | 20.79  | 20.78 | 20.84  | 20.79  | 3        |
|                            |           | 50              | 0  | 20.75  | 20.67  | 20.71 | 20.82  | 20.64  | 3        |
| BW                         | MCS Index | Channel         |    | 39675  | 40148  | 40620 | 41093  | 41565  | 3GPP MPR |
|                            |           | Frequency (MHz) |    | 2498.5 | 2545.8 | 2593  | 2640.3 | 2687.5 |          |
| 5M                         | QPSK      | 1               | 0  | 23.34  | 23.28  | 23.25 | 23.41  | 23.32  | 0        |
|                            |           | 1               | 12 | 23.38  | 23.31  | 23.31 | 23.43  | 23.35  | 0        |
|                            |           | 1               | 24 | 22.99  | 23.03  | 22.97 | 23.06  | 22.94  | 0        |
|                            |           | 12              | 0  | 22.88  | 22.77  | 22.80 | 22.88  | 22.76  | 1        |
|                            |           | 12              | 6  | 22.80  | 22.82  | 22.72 | 22.82  | 22.75  | 1        |
|                            |           | 12              | 13 | 22.61  | 22.61  | 22.67 | 22.70  | 22.62  | 1        |
|                            |           | 25              | 0  | 22.44  | 22.40  | 22.40 | 22.49  | 22.41  | 1        |
| 5M                         | 16QAM     | 1               | 0  | 22.48  | 22.46  | 22.38 | 22.43  | 22.43  | 1        |
|                            |           | 1               | 12 | 22.48  | 22.41  | 22.39 | 22.48  | 22.34  | 1        |
|                            |           | 1               | 24 | 22.43  | 22.35  | 22.34 | 22.35  | 22.36  | 1        |
|                            |           | 12              | 0  | 21.84  | 21.81  | 21.87 | 21.83  | 21.89  | 2        |
|                            |           | 12              | 6  | 21.73  | 21.69  | 21.75 | 21.79  | 21.63  | 2        |
|                            |           | 12              | 13 | 21.74  | 21.78  | 21.65 | 21.81  | 21.68  | 2        |
|                            |           | 25              | 0  | 21.53  | 21.40  | 21.52 | 21.52  | 21.44  | 2        |
| 5M                         | 64QAM     | 1               | 0  | 21.46  | 21.40  | 21.44 | 21.48  | 21.46  | 2        |
|                            |           | 1               | 12 | 21.42  | 21.44  | 21.47 | 21.42  | 21.44  | 2        |
|                            |           | 1               | 24 | 21.48  | 21.31  | 21.29 | 21.42  | 21.39  | 2        |
|                            |           | 12              | 0  | 20.92  | 20.90  | 20.88 | 20.95  | 20.90  | 3        |
|                            |           | 12              | 6  | 20.88  | 20.89  | 20.86 | 20.86  | 20.87  | 3        |
|                            |           | 12              | 13 | 20.80  | 20.78  | 20.78 | 20.82  | 20.85  | 3        |
|                            |           | 25              | 0  | 20.79  | 20.71  | 20.74 | 20.74  | 20.66  | 3        |

| LTE Conducted Power (Full) |           |                 |           |        |        |       |        |        |               |
|----------------------------|-----------|-----------------|-----------|--------|--------|-------|--------|--------|---------------|
| LTE Band 41 - HPUE         |           |                 |           |        |        |       |        |        |               |
| BW                         | MCS Index | RB Size         | RB Offset | Low    | Mid    | Mid   | Mid    | High   | 3GPP MPR (dB) |
|                            |           | Channel         |           | 39750  | 40185  | 40620 | 41055  | 41490  |               |
|                            |           | Frequency (MHz) |           | 2506   | 2549.5 | 2593  | 2636.5 | 2680   |               |
| 20M                        | QPSK      | 1               | 0         | 25.22  | 25.28  | 25.31 | 24.93  | 25.22  | 0             |
|                            |           | 1               | 50        | 24.86  | 24.85  | 24.85 | 24.85  | 24.90  | 0             |
|                            |           | 1               | 99        | 24.58  | 24.46  | 24.49 | 24.48  | 24.45  | 0             |
|                            |           | 50              | 0         | 24.38  | 24.32  | 24.30 | 24.32  | 24.26  | 1             |
|                            |           | 50              | 25        | 24.31  | 24.33  | 24.26 | 24.30  | 24.23  | 1             |
|                            |           | 50              | 50        | 24.14  | 24.07  | 24.17 | 24.18  | 24.16  | 1             |
|                            |           | 100             | 0         | 23.97  | 23.96  | 23.97 | 23.98  | 23.95  | 1             |
| 20M                        | 16QAM     | 1               | 0         | 23.92  | 23.97  | 23.82 | 23.99  | 23.91  | 1             |
|                            |           | 1               | 50        | 23.96  | 23.86  | 23.82 | 23.91  | 23.92  | 1             |
|                            |           | 1               | 99        | 23.91  | 23.86  | 23.88 | 23.94  | 23.89  | 1             |
|                            |           | 50              | 0         | 23.32  | 23.36  | 23.37 | 23.42  | 23.36  | 2             |
|                            |           | 50              | 25        | 23.25  | 23.15  | 23.18 | 23.30  | 23.20  | 2             |
|                            |           | 50              | 50        | 23.31  | 23.26  | 23.13 | 23.24  | 23.27  | 2             |
|                            |           | 100             | 0         | 22.98  | 22.92  | 22.93 | 23.04  | 22.92  | 2             |
| 20M                        | 64QAM     | 1               | 0         | 22.97  | 22.92  | 22.96 | 22.92  | 22.99  | 2             |
|                            |           | 1               | 50        | 22.94  | 22.92  | 22.93 | 22.98  | 22.96  | 2             |
|                            |           | 1               | 99        | 22.89  | 22.80  | 22.89 | 22.91  | 22.79  | 2             |
|                            |           | 50              | 0         | 22.39  | 22.38  | 22.36 | 22.47  | 22.44  | 3             |
|                            |           | 50              | 25        | 22.41  | 22.40  | 22.28 | 22.34  | 22.32  | 3             |
|                            |           | 50              | 50        | 22.34  | 22.33  | 22.33 | 22.33  | 22.33  | 3             |
|                            |           | 100             | 0         | 22.30  | 22.21  | 22.23 | 22.27  | 22.19  | 3             |
| BW                         | MCS Index | Channel         |           | 39725  | 40173  | 40620 | 41068  | 41515  | 3GPP MPR      |
|                            |           | Frequency (MHz) |           | 2503.5 | 2548.3 | 2593  | 2637.8 | 2682.5 |               |
| 15M                        | QPSK      | 1               | 0         | 25.19  | 25.26  | 25.30 | 25.20  | 25.19  | 0             |
|                            |           | 1               | 37        | 24.85  | 24.90  | 24.85 | 24.84  | 24.84  | 0             |
|                            |           | 1               | 74        | 24.49  | 24.50  | 24.51 | 24.48  | 24.48  | 0             |
|                            |           | 36              | 0         | 24.37  | 24.26  | 24.25 | 24.34  | 24.31  | 1             |
|                            |           | 36              | 19        | 24.32  | 24.26  | 24.28 | 24.38  | 24.24  | 1             |
|                            |           | 36              | 39        | 24.20  | 24.09  | 24.14 | 24.12  | 24.06  | 1             |
|                            |           | 75              | 0         | 23.97  | 23.91  | 23.96 | 24.00  | 23.90  | 1             |
| 15M                        | 16QAM     | 1               | 0         | 23.95  | 23.88  | 23.86 | 24.00  | 23.94  | 1             |
|                            |           | 1               | 37        | 23.98  | 23.92  | 23.91 | 23.90  | 23.91  | 1             |
|                            |           | 1               | 74        | 23.90  | 23.88  | 23.90 | 23.93  | 23.88  | 1             |
|                            |           | 36              | 0         | 23.36  | 23.34  | 23.39 | 23.38  | 23.38  | 2             |
|                            |           | 36              | 19        | 23.27  | 23.14  | 23.21 | 23.32  | 23.23  | 2             |
|                            |           | 36              | 39        | 23.29  | 23.18  | 23.14 | 23.26  | 23.28  | 2             |
|                            |           | 75              | 0         | 22.97  | 22.94  | 22.96 | 23.00  | 22.93  | 2             |
| 15M                        | 64QAM     | 1               | 0         | 22.93  | 22.97  | 22.98 | 23.02  | 22.95  | 2             |
|                            |           | 1               | 37        | 22.90  | 22.92  | 22.92 | 22.98  | 22.88  | 2             |
|                            |           | 1               | 74        | 22.88  | 22.83  | 22.85 | 22.88  | 22.82  | 2             |
|                            |           | 36              | 0         | 22.44  | 22.38  | 22.41 | 22.39  | 22.39  | 3             |
|                            |           | 36              | 19        | 22.34  | 22.35  | 22.29 | 22.37  | 22.31  | 3             |
|                            |           | 36              | 39        | 22.29  | 22.26  | 22.32 | 22.37  | 22.31  | 3             |
|                            |           | 75              | 0         | 22.31  | 22.22  | 22.19 | 22.30  | 22.17  | 3             |

| LTE Conducted Power (Full) |           |                 |    |        |        |       |        |        |          |
|----------------------------|-----------|-----------------|----|--------|--------|-------|--------|--------|----------|
| LTE Band 41 - HPUE         |           |                 |    |        |        |       |        |        |          |
| BW                         | MCS Index | Channel         |    | 39700  | 40160  | 40620 | 41080  | 41540  | 3GPP MPR |
|                            |           | Frequency (MHz) |    | 2501   | 2547   | 2593  | 2639   | 2685   |          |
| 10M                        | QPSK      | 1               | 0  | 25.21  | 25.20  | 25.27 | 25.20  | 25.25  | 0        |
|                            |           | 1               | 24 | 24.93  | 24.83  | 24.75 | 24.85  | 24.89  | 0        |
|                            |           | 1               | 49 | 24.57  | 24.53  | 24.47 | 24.49  | 24.47  | 0        |
|                            |           | 25              | 0  | 24.38  | 24.33  | 24.33 | 24.36  | 24.28  | 1        |
|                            |           | 25              | 12 | 24.30  | 24.31  | 24.32 | 24.30  | 24.28  | 1        |
|                            |           | 25              | 25 | 24.10  | 24.08  | 24.13 | 24.16  | 24.09  | 1        |
|                            |           | 50              | 0  | 24.02  | 23.95  | 23.91 | 24.02  | 23.92  | 1        |
| 10M                        | 16QAM     | 1               | 0  | 23.96  | 23.89  | 23.88 | 24.00  | 23.89  | 1        |
|                            |           | 1               | 24 | 23.94  | 23.90  | 23.88 | 23.90  | 23.91  | 1        |
|                            |           | 1               | 49 | 23.89  | 23.85  | 23.83 | 23.85  | 23.89  | 1        |
|                            |           | 25              | 0  | 23.36  | 23.33  | 23.30 | 23.41  | 23.36  | 2        |
|                            |           | 25              | 12 | 23.32  | 23.15  | 23.19 | 23.27  | 23.13  | 2        |
|                            |           | 25              | 25 | 23.28  | 23.27  | 23.18 | 23.28  | 23.19  | 2        |
|                            |           | 50              | 0  | 23.00  | 22.96  | 23.00 | 22.94  | 22.93  | 2        |
| 10M                        | 64QAM     | 1               | 0  | 23.00  | 22.97  | 22.90 | 22.93  | 22.97  | 2        |
|                            |           | 1               | 24 | 22.96  | 22.89  | 22.94 | 22.96  | 22.95  | 2        |
|                            |           | 1               | 49 | 22.89  | 22.80  | 22.85 | 22.93  | 22.83  | 2        |
|                            |           | 25              | 0  | 22.38  | 22.40  | 22.31 | 22.41  | 22.37  | 3        |
|                            |           | 25              | 12 | 22.43  | 22.37  | 22.32 | 22.43  | 22.36  | 3        |
|                            |           | 25              | 25 | 22.28  | 22.30  | 22.28 | 22.29  | 22.30  | 3        |
|                            |           | 50              | 0  | 22.32  | 22.13  | 22.21 | 22.26  | 22.23  | 3        |
| BW                         | MCS Index | Channel         |    | 39675  | 40148  | 40620 | 41093  | 41565  | 3GPP MPR |
|                            |           | Frequency (MHz) |    | 2498.5 | 2545.8 | 2593  | 2640.3 | 2687.5 |          |
| 5M                         | QPSK      | 1               | 0  | 25.15  | 25.21  | 25.20 | 25.13  | 25.28  | 0        |
|                            |           | 1               | 12 | 24.89  | 24.82  | 24.82 | 24.85  | 24.87  | 0        |
|                            |           | 1               | 24 | 24.55  | 24.53  | 24.41 | 24.58  | 24.44  | 0        |
|                            |           | 12              | 0  | 24.39  | 24.23  | 24.31 | 24.33  | 24.24  | 1        |
|                            |           | 12              | 6  | 24.35  | 24.33  | 24.31 | 24.37  | 24.32  | 1        |
|                            |           | 12              | 13 | 24.20  | 24.10  | 24.15 | 24.13  | 24.15  | 1        |
|                            |           | 25              | 0  | 23.98  | 23.91  | 23.88 | 24.01  | 23.96  | 1        |
| 5M                         | 16QAM     | 1               | 0  | 24.00  | 23.89  | 23.90 | 23.91  | 23.95  | 1        |
|                            |           | 1               | 12 | 23.91  | 23.92  | 23.81 | 23.96  | 23.85  | 1        |
|                            |           | 1               | 24 | 23.90  | 23.87  | 23.84 | 23.84  | 23.93  | 1        |
|                            |           | 12              | 0  | 23.34  | 23.29  | 23.33 | 23.42  | 23.38  | 2        |
|                            |           | 12              | 6  | 23.29  | 23.23  | 23.20 | 23.30  | 23.20  | 2        |
|                            |           | 12              | 13 | 23.29  | 23.20  | 23.22 | 23.26  | 23.21  | 2        |
|                            |           | 25              | 0  | 22.99  | 22.96  | 22.97 | 22.97  | 22.91  | 2        |
| 5M                         | 64QAM     | 1               | 0  | 23.00  | 22.95  | 22.93 | 22.96  | 22.93  | 2        |
|                            |           | 1               | 12 | 22.91  | 22.92  | 22.94 | 22.93  | 22.90  | 2        |
|                            |           | 1               | 24 | 22.89  | 22.83  | 22.82 | 22.97  | 22.82  | 2        |
|                            |           | 12              | 0  | 22.40  | 22.35  | 22.38 | 22.43  | 22.35  | 3        |
|                            |           | 12              | 6  | 22.41  | 22.38  | 22.31 | 22.44  | 22.41  | 3        |
|                            |           | 12              | 13 | 22.29  | 22.33  | 22.31 | 22.34  | 22.33  | 3        |
|                            |           | 25              | 0  | 22.25  | 22.19  | 22.17 | 22.32  | 22.13  | 3        |

| LTE Conducted Power (Full) |           |                 |           |        |        |        |        |               |
|----------------------------|-----------|-----------------|-----------|--------|--------|--------|--------|---------------|
| LTE Band 48                |           |                 |           |        |        |        |        |               |
| BW                         | MCS Index | RB Size         | RB Offset | Low    | Mid    | Mid    | Mid    | 3GPP MPR (dB) |
|                            |           | Channel         |           | 55340  | 55780  | 56210  | 56640  |               |
|                            |           | Frequency (MHz) |           | 3560   | 3603   | 3647   | 3690   |               |
| 20M                        | QPSK      | 1               | 0         | 20.87  | 20.97  | 20.93  | 20.86  | 0             |
|                            |           | 1               | 50        | 20.85  | 20.93  | 20.91  | 20.83  | 0             |
|                            |           | 1               | 99        | 20.51  | 20.58  | 20.54  | 20.45  | 0             |
|                            |           | 50              | 0         | 20.34  | 20.40  | 20.33  | 20.27  | 1             |
|                            |           | 50              | 25        | 20.32  | 20.38  | 20.33  | 20.26  | 1             |
|                            |           | 50              | 50        | 20.17  | 20.20  | 20.16  | 20.16  | 1             |
|                            |           | 100             | 0         | 19.98  | 20.02  | 19.97  | 19.93  | 1             |
| 20M                        | 16QAM     | 1               | 0         | 19.90  | 20.00  | 19.98  | 19.94  | 1             |
|                            |           | 1               | 50        | 19.91  | 19.99  | 19.94  | 19.86  | 1             |
|                            |           | 1               | 99        | 19.93  | 19.94  | 19.94  | 19.91  | 1             |
|                            |           | 50              | 0         | 19.39  | 19.42  | 19.39  | 19.29  | 2             |
|                            |           | 50              | 25        | 19.28  | 19.33  | 19.23  | 19.13  | 2             |
|                            |           | 50              | 50        | 19.22  | 19.31  | 19.28  | 19.24  | 2             |
|                            |           | 100             | 0         | 19.02  | 19.04  | 18.99  | 18.95  | 2             |
| 20M                        | 64QAM     | 1               | 0         | 18.98  | 19.02  | 19.00  | 18.91  | 2             |
|                            |           | 1               | 50        | 18.99  | 19.00  | 18.98  | 18.88  | 2             |
|                            |           | 1               | 99        | 18.89  | 18.98  | 18.89  | 18.83  | 2             |
|                            |           | 50              | 0         | 18.41  | 18.48  | 18.45  | 18.43  | 3             |
|                            |           | 50              | 25        | 18.37  | 18.44  | 18.41  | 18.32  | 3             |
|                            |           | 50              | 50        | 18.36  | 18.37  | 18.36  | 18.28  | 3             |
|                            |           | 100             | 0         | 18.27  | 18.32  | 18.23  | 18.23  | 3             |
| BW                         | MCS Index | Channel         |           | 55315  | 55765  | 56215  | 56665  | 3GPP MPR      |
|                            |           | Frequency (MHz) |           | 3557.5 | 3602.5 | 3647.5 | 3692.5 |               |
| 15M                        | QPSK      | 1               | 0         | 20.76  | 20.77  | 20.73  | 20.77  | 0             |
|                            |           | 1               | 37        | 20.84  | 20.88  | 20.82  | 20.90  | 0             |
|                            |           | 1               | 74        | 20.47  | 20.55  | 20.52  | 20.49  | 0             |
|                            |           | 36              | 0         | 20.28  | 20.39  | 20.29  | 20.26  | 1             |
|                            |           | 36              | 19        | 20.29  | 20.32  | 20.25  | 20.30  | 1             |
|                            |           | 36              | 39        | 20.14  | 20.14  | 20.11  | 20.09  | 1             |
|                            |           | 75              | 0         | 19.97  | 19.97  | 19.88  | 19.87  | 1             |
| 15M                        | 16QAM     | 1               | 0         | 19.81  | 19.90  | 19.93  | 19.91  | 1             |
|                            |           | 1               | 37        | 19.87  | 19.96  | 19.91  | 19.86  | 1             |
|                            |           | 1               | 74        | 19.86  | 19.84  | 19.87  | 19.84  | 1             |
|                            |           | 36              | 0         | 19.39  | 19.35  | 19.33  | 19.36  | 2             |
|                            |           | 36              | 19        | 19.18  | 19.27  | 19.17  | 19.16  | 2             |
|                            |           | 36              | 39        | 19.22  | 19.21  | 19.20  | 19.18  | 2             |
|                            |           | 75              | 0         | 19.01  | 18.97  | 18.90  | 18.90  | 2             |
| 15M                        | 64QAM     | 1               | 0         | 18.94  | 19.01  | 18.98  | 18.94  | 2             |
|                            |           | 1               | 37        | 18.93  | 18.97  | 18.88  | 18.91  | 2             |
|                            |           | 1               | 74        | 18.79  | 18.88  | 18.81  | 18.89  | 2             |
|                            |           | 36              | 0         | 18.39  | 18.44  | 18.41  | 18.45  | 3             |
|                            |           | 36              | 19        | 18.29  | 18.39  | 18.33  | 18.33  | 3             |
|                            |           | 36              | 39        | 18.30  | 18.37  | 18.30  | 18.34  | 3             |
|                            |           | 75              | 0         | 18.19  | 18.31  | 18.14  | 18.13  | 3             |

| LTE Conducted Power (Full) |           |                 |    |        |        |        |        |          |
|----------------------------|-----------|-----------------|----|--------|--------|--------|--------|----------|
| LTE Band 48                |           |                 |    |        |        |        |        |          |
| BW                         | MCS Index | Channel         |    | 55290  | 55750  | 56220  | 56690  | 3GPP MPR |
|                            |           | Frequency (MHz) |    | 3555   | 3601   | 3648   | 3695   |          |
| 10M                        | QPSK      | 1               | 0  | 20.70  | 20.83  | 20.80  | 20.82  | 0        |
|                            |           | 1               | 24 | 20.80  | 20.84  | 20.83  | 20.86  | 0        |
|                            |           | 1               | 49 | 20.50  | 20.54  | 20.49  | 20.50  | 0        |
|                            |           | 25              | 0  | 20.34  | 20.32  | 20.30  | 20.23  | 1        |
|                            |           | 25              | 12 | 20.28  | 20.38  | 20.28  | 20.25  | 1        |
|                            |           | 25              | 25 | 20.14  | 20.15  | 20.11  | 20.11  | 1        |
|                            |           | 50              | 0  | 19.89  | 19.99  | 19.97  | 19.95  | 1        |
| 10M                        | 16QAM     | 1               | 0  | 19.89  | 19.98  | 19.98  | 19.95  | 1        |
|                            |           | 1               | 24 | 19.86  | 19.95  | 19.88  | 19.91  | 1        |
|                            |           | 1               | 49 | 19.90  | 19.89  | 19.85  | 19.87  | 1        |
|                            |           | 25              | 0  | 19.33  | 19.39  | 19.35  | 19.35  | 2        |
|                            |           | 25              | 12 | 19.26  | 19.26  | 19.16  | 19.18  | 2        |
|                            |           | 25              | 25 | 19.15  | 19.28  | 19.22  | 19.18  | 2        |
|                            |           | 50              | 0  | 18.98  | 19.03  | 18.91  | 18.92  | 2        |
| 10M                        | 64QAM     | 1               | 0  | 18.98  | 18.95  | 18.99  | 18.97  | 2        |
|                            |           | 1               | 24 | 18.93  | 18.92  | 18.94  | 18.89  | 2        |
|                            |           | 1               | 49 | 18.88  | 18.94  | 18.84  | 18.80  | 2        |
|                            |           | 25              | 0  | 18.33  | 18.38  | 18.42  | 18.36  | 3        |
|                            |           | 25              | 12 | 18.29  | 18.42  | 18.35  | 18.33  | 3        |
|                            |           | 25              | 25 | 18.26  | 18.35  | 18.27  | 18.27  | 3        |
|                            |           | 50              | 0  | 18.23  | 18.25  | 18.20  | 18.13  | 3        |
| BW                         | MCS Index | Channel         |    | 55265  | 55745  | 56235  | 56715  | 3GPP MPR |
|                            |           | Frequency (MHz) |    | 3552.5 | 3600.5 | 3649.5 | 3697.5 |          |
| 5M                         | QPSK      | 1               | 0  | 20.75  | 20.86  | 20.77  | 20.73  | 0        |
|                            |           | 1               | 12 | 20.80  | 20.90  | 20.81  | 20.89  | 0        |
|                            |           | 1               | 24 | 20.41  | 20.58  | 20.50  | 20.45  | 0        |
|                            |           | 12              | 0  | 20.29  | 20.33  | 20.33  | 20.28  | 1        |
|                            |           | 12              | 6  | 20.27  | 20.31  | 20.30  | 20.23  | 1        |
|                            |           | 12              | 13 | 20.10  | 20.18  | 20.06  | 20.09  | 1        |
|                            |           | 25              | 0  | 19.90  | 19.99  | 19.97  | 19.87  | 1        |
| 5M                         | 16QAM     | 1               | 0  | 19.81  | 19.94  | 19.96  | 19.91  | 1        |
|                            |           | 1               | 12 | 19.87  | 19.96  | 19.94  | 19.85  | 1        |
|                            |           | 1               | 24 | 19.89  | 19.90  | 19.88  | 19.86  | 1        |
|                            |           | 12              | 0  | 19.39  | 19.42  | 19.36  | 19.39  | 2        |
|                            |           | 12              | 6  | 19.23  | 19.31  | 19.22  | 19.13  | 2        |
|                            |           | 12              | 13 | 19.13  | 19.26  | 19.22  | 19.26  | 2        |
|                            |           | 25              | 0  | 19.00  | 19.01  | 18.92  | 18.99  | 2        |
| 5M                         | 64QAM     | 1               | 0  | 18.94  | 19.02  | 18.94  | 19.00  | 2        |
|                            |           | 1               | 12 | 18.96  | 18.93  | 18.92  | 18.89  | 2        |
|                            |           | 1               | 24 | 18.87  | 18.90  | 18.83  | 18.88  | 2        |
|                            |           | 12              | 0  | 18.31  | 18.39  | 18.35  | 18.45  | 3        |
|                            |           | 12              | 6  | 18.29  | 18.34  | 18.38  | 18.31  | 3        |
|                            |           | 12              | 13 | 18.34  | 18.32  | 18.31  | 18.32  | 3        |
|                            |           | 25              | 0  | 18.19  | 18.31  | 18.14  | 18.18  | 3        |

| LTE Conducted Power (Full) |           |                 |           |        |        |        |               |
|----------------------------|-----------|-----------------|-----------|--------|--------|--------|---------------|
| LTE Band 66                |           |                 |           |        |        |        |               |
| BW                         | MCS Index | RB Size         | RB Offset | Low    | Mid    | High   | 3GPP MPR (dB) |
|                            |           | Channel         |           | 132072 | 132322 | 132572 |               |
|                            |           | Frequency (MHz) |           | 1720   | 1745   | 1770   |               |
| 20M                        | QPSK      | 1               | 0         | 23.56  | 23.59  | 23.37  | 0             |
|                            |           | 1               | 50        | 22.96  | 22.96  | 22.94  | 0             |
|                            |           | 1               | 99        | 22.25  | 22.32  | 22.23  | 0             |
|                            |           | 50              | 0         | 22.04  | 22.12  | 22.04  | 1             |
|                            |           | 50              | 25        | 22.02  | 22.09  | 22.08  | 1             |
|                            |           | 50              | 50        | 21.92  | 21.94  | 21.91  | 1             |
|                            |           | 100             | 0         | 21.80  | 21.88  | 21.82  | 1             |
| 20M                        | 16QAM     | 1               | 0         | 21.53  | 21.58  | 21.56  | 1             |
|                            |           | 1               | 50        | 21.46  | 21.54  | 21.50  | 1             |
|                            |           | 1               | 99        | 21.46  | 21.47  | 21.37  | 1             |
|                            |           | 50              | 0         | 21.24  | 21.33  | 21.24  | 2             |
|                            |           | 50              | 25        | 21.19  | 21.27  | 21.27  | 2             |
|                            |           | 50              | 50        | 21.26  | 21.27  | 21.17  | 2             |
|                            |           | 100             | 0         | 20.94  | 20.98  | 20.93  | 2             |
| 20M                        | 64QAM     | 1               | 0         | 20.83  | 20.84  | 20.81  | 2             |
|                            |           | 1               | 50        | 20.51  | 20.58  | 20.50  | 2             |
|                            |           | 1               | 99        | 20.48  | 20.55  | 20.52  | 2             |
|                            |           | 50              | 0         | 20.50  | 20.51  | 20.44  | 3             |
|                            |           | 50              | 25        | 20.42  | 20.42  | 20.36  | 3             |
|                            |           | 50              | 50        | 20.36  | 20.36  | 20.28  | 3             |
|                            |           | 100             | 0         | 20.30  | 20.32  | 20.26  | 3             |
| BW                         | MCS Index | Channel         |           | 132047 | 132322 | 132597 | 3GPP MPR      |
|                            |           | Frequency (MHz) |           | 1717.5 | 1745   | 1772.5 |               |
| 15M                        | QPSK      | 1               | 0         | 23.55  | 23.50  | 23.30  | 0             |
|                            |           | 1               | 37        | 22.89  | 22.94  | 22.93  | 0             |
|                            |           | 1               | 74        | 22.21  | 22.24  | 22.14  | 0             |
|                            |           | 36              | 0         | 21.95  | 22.10  | 21.94  | 1             |
|                            |           | 36              | 19        | 21.92  | 22.05  | 22.03  | 1             |
|                            |           | 36              | 39        | 21.92  | 21.89  | 21.86  | 1             |
|                            |           | 75              | 0         | 21.75  | 21.78  | 21.79  | 1             |
| 15M                        | 16QAM     | 1               | 0         | 21.51  | 21.48  | 21.53  | 1             |
|                            |           | 1               | 37        | 21.46  | 21.52  | 21.50  | 1             |
|                            |           | 1               | 74        | 21.38  | 21.38  | 21.30  | 1             |
|                            |           | 36              | 0         | 21.20  | 21.29  | 21.16  | 2             |
|                            |           | 36              | 19        | 21.13  | 21.25  | 21.26  | 2             |
|                            |           | 36              | 39        | 21.25  | 21.20  | 21.12  | 2             |
|                            |           | 75              | 0         | 20.85  | 20.88  | 20.91  | 2             |
| 15M                        | 64QAM     | 1               | 0         | 20.76  | 20.78  | 20.71  | 2             |
|                            |           | 1               | 37        | 20.49  | 20.52  | 20.46  | 2             |
|                            |           | 1               | 74        | 20.41  | 20.48  | 20.52  | 2             |
|                            |           | 36              | 0         | 20.41  | 20.49  | 20.38  | 3             |
|                            |           | 36              | 19        | 20.42  | 20.39  | 20.28  | 3             |
|                            |           | 36              | 39        | 20.33  | 20.33  | 20.27  | 3             |
|                            |           | 75              | 0         | 20.20  | 20.25  | 20.16  | 3             |

| LTE Conducted Power (Full) |           |                 |    |        |        |        |          |
|----------------------------|-----------|-----------------|----|--------|--------|--------|----------|
| LTE Band 66                |           |                 |    |        |        |        |          |
| BW                         | MCS Index | Channel         |    | 132022 | 132322 | 132622 | 3GPP MPR |
|                            |           | Frequency (MHz) |    | 1715   | 1745   | 1775   |          |
| 10M                        | QPSK      | 1               | 0  | 23.47  | 23.57  | 23.32  | 0        |
|                            |           | 1               | 24 | 22.86  | 22.86  | 22.93  | 0        |
|                            |           | 1               | 49 | 22.19  | 22.29  | 22.22  | 0        |
|                            |           | 25              | 0  | 21.94  | 22.12  | 21.97  | 1        |
|                            |           | 25              | 12 | 22.00  | 22.01  | 22.04  | 1        |
|                            |           | 25              | 25 | 21.86  | 21.89  | 21.81  | 1        |
|                            |           | 50              | 0  | 21.77  | 21.83  | 21.76  | 1        |
| 10M                        | 16QAM     | 1               | 0  | 21.47  | 21.51  | 21.56  | 1        |
|                            |           | 1               | 24 | 21.40  | 21.46  | 21.49  | 1        |
|                            |           | 1               | 49 | 21.43  | 21.46  | 21.31  | 1        |
|                            |           | 25              | 0  | 21.17  | 21.33  | 21.17  | 2        |
|                            |           | 25              | 12 | 21.11  | 21.19  | 21.18  | 2        |
|                            |           | 25              | 25 | 21.18  | 21.26  | 21.16  | 2        |
|                            |           | 50              | 0  | 20.85  | 20.89  | 20.91  | 2        |
| 10M                        | 64QAM     | 1               | 0  | 20.75  | 20.81  | 20.79  | 2        |
|                            |           | 1               | 24 | 20.41  | 20.50  | 20.40  | 2        |
|                            |           | 1               | 49 | 20.38  | 20.52  | 20.52  | 2        |
|                            |           | 25              | 0  | 20.41  | 20.44  | 20.42  | 3        |
|                            |           | 25              | 12 | 20.38  | 20.42  | 20.32  | 3        |
|                            |           | 25              | 25 | 20.31  | 20.30  | 20.20  | 3        |
|                            |           | 50              | 0  | 20.29  | 20.29  | 20.18  | 3        |
| BW                         | MCS Index | Channel         |    | 131997 | 132322 | 132647 | 3GPP MPR |
|                            |           | Frequency (MHz) |    | 1712.5 | 1745   | 1777.5 |          |
| 5M                         | QPSK      | 1               | 0  | 23.49  | 23.55  | 23.31  | 0        |
|                            |           | 1               | 12 | 22.86  | 22.86  | 22.86  | 0        |
|                            |           | 1               | 24 | 22.20  | 22.32  | 22.13  | 0        |
|                            |           | 12              | 0  | 21.99  | 22.07  | 21.96  | 1        |
|                            |           | 12              | 6  | 22.01  | 22.02  | 22.01  | 1        |
|                            |           | 12              | 13 | 21.85  | 21.88  | 21.82  | 1        |
|                            |           | 25              | 0  | 21.76  | 21.81  | 21.82  | 1        |
| 5M                         | 16QAM     | 1               | 0  | 21.53  | 21.50  | 21.55  | 1        |
|                            |           | 1               | 12 | 21.43  | 21.47  | 21.47  | 1        |
|                            |           | 1               | 24 | 21.45  | 21.42  | 21.29  | 1        |
|                            |           | 12              | 0  | 21.19  | 21.23  | 21.23  | 2        |
|                            |           | 12              | 6  | 21.17  | 21.18  | 21.19  | 2        |
|                            |           | 12              | 13 | 21.18  | 21.21  | 21.14  | 2        |
|                            |           | 25              | 0  | 20.88  | 20.92  | 20.92  | 2        |
| 5M                         | 64QAM     | 1               | 0  | 20.75  | 20.74  | 20.81  | 2        |
|                            |           | 1               | 12 | 20.48  | 20.57  | 20.44  | 2        |
|                            |           | 1               | 24 | 20.48  | 20.49  | 20.52  | 2        |
|                            |           | 12              | 0  | 20.40  | 20.50  | 20.40  | 3        |
|                            |           | 12              | 6  | 20.42  | 20.35  | 20.35  | 3        |
|                            |           | 12              | 13 | 20.30  | 20.29  | 20.23  | 3        |
|                            |           | 25              | 0  | 20.27  | 20.32  | 20.26  | 3        |

| LTE Conducted Power (Full) |           |                 |    |        |        |        |          |
|----------------------------|-----------|-----------------|----|--------|--------|--------|----------|
| LTE Band 66                |           |                 |    |        |        |        |          |
| BW                         | MCS Index | Channel         |    | 131987 | 132322 | 132657 | 3GPP MPR |
|                            |           | Frequency (MHz) |    | 1711.5 | 1745   | 1778.5 |          |
| 3M                         | QPSK      | 1               | 0  | 23.46  | 23.51  | 23.32  | 0        |
|                            |           | 1               | 7  | 22.94  | 22.87  | 22.85  | 0        |
|                            |           | 1               | 14 | 22.24  | 22.29  | 22.21  | 0        |
|                            |           | 8               | 0  | 22.02  | 22.06  | 22.00  | 1        |
|                            |           | 8               | 3  | 21.93  | 22.06  | 22.02  | 1        |
|                            |           | 8               | 7  | 21.82  | 21.86  | 21.84  | 1        |
|                            |           | 15              | 0  | 21.79  | 21.85  | 21.77  | 1        |
| 3M                         | 16QAM     | 1               | 0  | 21.43  | 21.52  | 21.55  | 1        |
|                            |           | 1               | 7  | 21.37  | 21.54  | 21.40  | 1        |
|                            |           | 1               | 14 | 21.44  | 21.39  | 21.27  | 1        |
|                            |           | 8               | 0  | 21.17  | 21.27  | 21.23  | 2        |
|                            |           | 8               | 3  | 21.13  | 21.23  | 21.17  | 2        |
|                            |           | 8               | 7  | 21.17  | 21.23  | 21.12  | 2        |
|                            |           | 15              | 0  | 20.87  | 20.89  | 20.90  | 2        |
| 3M                         | 64QAM     | 1               | 0  | 20.78  | 20.79  | 20.81  | 2        |
|                            |           | 1               | 7  | 20.45  | 20.51  | 20.40  | 2        |
|                            |           | 1               | 14 | 20.38  | 20.54  | 20.43  | 2        |
|                            |           | 8               | 0  | 20.47  | 20.50  | 20.43  | 3        |
|                            |           | 8               | 3  | 20.32  | 20.34  | 20.32  | 3        |
|                            |           | 8               | 7  | 20.29  | 20.26  | 20.19  | 3        |
|                            |           | 15              | 0  | 20.23  | 20.22  | 20.26  | 3        |
| BW                         | MCS Index | Channel         |    | 131979 | 132322 | 132665 | 3GPP MPR |
|                            |           | Frequency (MHz) |    | 1710.7 | 1745   | 1779.3 |          |
| 1.4M                       | QPSK      | 1               | 0  | 23.46  | 23.54  | 23.33  | 0        |
|                            |           | 1               | 2  | 22.96  | 22.90  | 22.88  | 0        |
|                            |           | 1               | 5  | 22.21  | 22.27  | 22.19  | 0        |
|                            |           | 3               | 0  | 22.03  | 22.06  | 22.18  | 0        |
|                            |           | 3               | 1  | 22.01  | 22.08  | 22.05  | 0        |
|                            |           | 3               | 3  | 22.09  | 22.16  | 22.15  | 0        |
|                            |           | 6               | 0  | 21.77  | 21.84  | 21.82  | 1        |
| 1.4M                       | 16QAM     | 1               | 0  | 21.50  | 21.55  | 21.52  | 1        |
|                            |           | 1               | 2  | 21.46  | 21.50  | 21.50  | 1        |
|                            |           | 1               | 5  | 21.45  | 21.39  | 21.33  | 1        |
|                            |           | 3               | 0  | 21.20  | 21.27  | 21.16  | 1        |
|                            |           | 3               | 1  | 21.09  | 21.20  | 21.17  | 1        |
|                            |           | 3               | 3  | 21.21  | 21.22  | 21.08  | 1        |
|                            |           | 6               | 0  | 20.93  | 20.94  | 20.83  | 2        |
| 1.4M                       | 64QAM     | 1               | 0  | 20.75  | 20.84  | 20.71  | 2        |
|                            |           | 1               | 2  | 20.45  | 20.54  | 20.44  | 2        |
|                            |           | 1               | 5  | 20.38  | 20.47  | 20.42  | 2        |
|                            |           | 3               | 0  | 20.41  | 20.42  | 20.40  | 2        |
|                            |           | 3               | 1  | 20.40  | 20.35  | 20.28  | 2        |
|                            |           | 3               | 3  | 20.36  | 20.30  | 20.20  | 2        |
|                            |           | 6               | 0  | 20.23  | 20.24  | 20.19  | 3        |

## LTE Conducted Power (Full)

### LTE Band 71

| BW  | MCS Index | RB Size         | RB Offset | Low    | Mid    | Mid    | 3GPP MPR (dB) |
|-----|-----------|-----------------|-----------|--------|--------|--------|---------------|
|     |           | Channel         |           | 133222 | 133297 | 133372 |               |
|     |           | Frequency (MHz) |           | 673    | 680.5  | 688    |               |
| 20M | QPSK      | 1               | 0         | 23.20  | 23.59  | 23.26  | 0             |
|     |           | 1               | 50        | 22.78  | 22.77  | 22.75  | 0             |
|     |           | 1               | 99        | 22.78  | 22.86  | 22.81  | 0             |
|     |           | 50              | 0         | 22.09  | 22.32  | 22.14  | 1             |
|     |           | 50              | 25        | 22.16  | 22.21  | 22.19  | 1             |
|     |           | 50              | 50        | 22.01  | 21.94  | 22.03  | 1             |
|     |           | 100             | 0         | 21.69  | 21.70  | 21.65  | 1             |
| 20M | 16QAM     | 1               | 0         | 21.67  | 21.71  | 21.72  | 1             |
|     |           | 1               | 50        | 21.59  | 21.66  | 21.61  | 1             |
|     |           | 1               | 99        | 21.66  | 21.66  | 21.54  | 1             |
|     |           | 50              | 0         | 21.23  | 21.28  | 21.18  | 2             |
|     |           | 50              | 25        | 21.00  | 21.11  | 21.01  | 2             |
|     |           | 50              | 50        | 21.00  | 21.02  | 20.88  | 2             |
|     |           | 100             | 0         | 20.74  | 20.76  | 20.72  | 2             |
| 20M | 64QAM     | 1               | 0         | 20.67  | 20.72  | 20.68  | 2             |
|     |           | 1               | 50        | 20.73  | 20.78  | 20.66  | 2             |
|     |           | 1               | 99        | 20.66  | 20.73  | 20.63  | 2             |
|     |           | 50              | 0         | 19.80  | 19.84  | 19.79  | 3             |
|     |           | 50              | 25        | 19.79  | 19.83  | 19.79  | 3             |
|     |           | 50              | 50        | 19.63  | 19.71  | 19.65  | 3             |
|     |           | 100             | 0         | 19.72  | 19.74  | 19.68  | 3             |
| BW  | MCS Index | Channel         |           | 133197 | 133297 | 133397 | 3GPP MPR      |
|     |           | Frequency (MHz) |           | 670.5  | 680.5  | 690.5  |               |
| 15M | QPSK      | 1               | 0         | 23.16  | 23.53  | 23.19  | 0             |
|     |           | 1               | 37        | 22.70  | 22.77  | 22.74  | 0             |
|     |           | 1               | 74        | 22.72  | 22.79  | 22.82  | 0             |
|     |           | 36              | 0         | 22.11  | 22.30  | 22.10  | 1             |
|     |           | 36              | 19        | 22.25  | 22.23  | 22.26  | 1             |
|     |           | 36              | 39        | 21.95  | 21.95  | 21.96  | 1             |
|     |           | 75              | 0         | 21.65  | 21.73  | 21.65  | 1             |
| 15M | 16QAM     | 1               | 0         | 21.75  | 21.67  | 21.72  | 1             |
|     |           | 1               | 37        | 21.58  | 21.66  | 21.64  | 1             |
|     |           | 1               | 74        | 21.59  | 21.66  | 21.59  | 1             |
|     |           | 36              | 0         | 21.23  | 21.33  | 21.24  | 2             |
|     |           | 36              | 19        | 21.01  | 21.06  | 21.01  | 2             |
|     |           | 36              | 39        | 20.99  | 21.05  | 20.95  | 2             |
|     |           | 75              | 0         | 20.72  | 20.74  | 20.69  | 2             |
| 15M | 64QAM     | 1               | 0         | 20.69  | 20.75  | 20.68  | 2             |
|     |           | 1               | 37        | 20.71  | 20.73  | 20.74  | 2             |
|     |           | 1               | 74        | 20.73  | 20.66  | 20.69  | 2             |
|     |           | 36              | 0         | 19.81  | 19.79  | 19.79  | 3             |
|     |           | 36              | 19        | 19.81  | 19.80  | 19.74  | 3             |
|     |           | 36              | 39        | 19.63  | 19.69  | 19.65  | 3             |
|     |           | 75              | 0         | 19.69  | 19.72  | 19.61  | 3             |

| LTE Conducted Power (Full) |           |                 |    |        |        |        |          |
|----------------------------|-----------|-----------------|----|--------|--------|--------|----------|
| LTE Band 71                |           |                 |    |        |        |        |          |
| BW                         | MCS Index | Channel         |    | 133172 | 133297 | 133422 | 3GPP MPR |
|                            |           | Frequency (MHz) |    | 668    | 680.5  | 693    |          |
| 10M                        | QPSK      | 1               | 0  | 23.20  | 23.51  | 23.21  | 0        |
|                            |           | 1               | 24 | 22.73  | 22.83  | 22.72  | 0        |
|                            |           | 1               | 49 | 22.73  | 22.86  | 22.81  | 0        |
|                            |           | 25              | 0  | 22.08  | 22.23  | 22.09  | 1        |
|                            |           | 25              | 12 | 22.24  | 22.18  | 22.27  | 1        |
|                            |           | 25              | 25 | 21.97  | 21.98  | 22.00  | 1        |
|                            |           | 50              | 0  | 21.64  | 21.65  | 21.61  | 1        |
| 10M                        | 16QAM     | 1               | 0  | 21.70  | 21.68  | 21.66  | 1        |
|                            |           | 1               | 24 | 21.56  | 21.66  | 21.64  | 1        |
|                            |           | 1               | 49 | 21.62  | 21.65  | 21.54  | 1        |
|                            |           | 25              | 0  | 21.26  | 21.29  | 21.23  | 2        |
|                            |           | 25              | 12 | 20.99  | 21.09  | 20.96  | 2        |
|                            |           | 25              | 25 | 21.01  | 21.04  | 20.98  | 2        |
|                            |           | 50              | 0  | 20.70  | 20.69  | 20.66  | 2        |
| 10M                        | 64QAM     | 1               | 0  | 20.73  | 20.79  | 20.68  | 2        |
|                            |           | 1               | 24 | 20.66  | 20.70  | 20.75  | 2        |
|                            |           | 1               | 49 | 20.70  | 20.65  | 20.63  | 2        |
|                            |           | 25              | 0  | 19.80  | 19.79  | 19.73  | 3        |
|                            |           | 25              | 12 | 19.81  | 19.78  | 19.71  | 3        |
|                            |           | 25              | 25 | 19.66  | 19.70  | 19.66  | 3        |
|                            |           | 50              | 0  | 19.71  | 19.72  | 19.69  | 3        |
| BW                         | MCS Index | Channel         |    | 133147 | 133297 | 133447 | 3GPP MPR |
|                            |           | Frequency (MHz) |    | 665.5  | 680.5  | 695.5  |          |
| 5M                         | QPSK      | 1               | 0  | 23.13  | 23.58  | 23.23  | 0        |
|                            |           | 1               | 12 | 22.78  | 22.79  | 22.68  | 0        |
|                            |           | 1               | 24 | 22.75  | 22.77  | 22.82  | 0        |
|                            |           | 12              | 0  | 22.07  | 22.25  | 22.13  | 1        |
|                            |           | 12              | 6  | 22.21  | 22.22  | 22.26  | 1        |
|                            |           | 12              | 13 | 22.01  | 21.94  | 21.99  | 1        |
|                            |           | 25              | 0  | 21.65  | 21.69  | 21.56  | 1        |
| 5M                         | 16QAM     | 1               | 0  | 21.74  | 21.77  | 21.69  | 1        |
|                            |           | 1               | 12 | 21.61  | 21.68  | 21.61  | 1        |
|                            |           | 1               | 24 | 21.63  | 21.66  | 21.57  | 1        |
|                            |           | 12              | 0  | 21.29  | 21.31  | 21.26  | 2        |
|                            |           | 12              | 6  | 21.05  | 21.12  | 20.97  | 2        |
|                            |           | 12              | 13 | 21.04  | 21.00  | 20.91  | 2        |
|                            |           | 25              | 0  | 20.77  | 20.76  | 20.72  | 2        |
| 5M                         | 64QAM     | 1               | 0  | 20.74  | 20.78  | 20.65  | 2        |
|                            |           | 1               | 12 | 20.67  | 20.70  | 20.71  | 2        |
|                            |           | 1               | 24 | 20.74  | 20.67  | 20.65  | 2        |
|                            |           | 12              | 0  | 19.80  | 19.81  | 19.76  | 3        |
|                            |           | 12              | 6  | 19.78  | 19.81  | 19.72  | 3        |
|                            |           | 12              | 13 | 19.62  | 19.75  | 19.60  | 3        |
|                            |           | 25              | 0  | 19.73  | 19.68  | 19.71  | 3        |

| Conducted Power (Full) |         |           |                          |
|------------------------|---------|-----------|--------------------------|
| WLAN2.4GHz Ant 0       |         |           |                          |
| Mode                   | Channel | Frequency | SISO Ant 0<br>Avg. Power |
| 802.11b                | 1       | 2412      | 15.46                    |
|                        | 6       | 2437      | 15.48                    |
|                        | 11      | 2462      | 15.43                    |
|                        | 12      | 2467      | 15.41                    |
|                        | 13      | 2472      | 15.42                    |
| 802.11g                | 1       | 2412      | 14.89                    |
|                        | 6       | 2437      | 15.17                    |
|                        | 11      | 2462      | 14.94                    |
|                        | 12      | 2467      | 14.81                    |
|                        | 13      | 2472      | 11.85                    |
| 802.11n HT20           | 1       | 2412      | 15.2                     |
|                        | 6       | 2437      | 15.19                    |
|                        | 11      | 2462      | 14.83                    |
|                        | 12      | 2467      | 14.94                    |
|                        | 13      | 2472      | 12.11                    |
| 802.11n HT40           | 3       | 2422      | 15.16                    |
|                        | 6       | 2437      | 15.07                    |
|                        | 9       | 2452      | 15.12                    |
|                        | 10      | 2457      | 12.39                    |
|                        | 11      | 2462      | 11.09                    |
| 802.11ax HE20          | 1       | 2412      | 15.24                    |
|                        | 6       | 2437      | 14.82                    |
|                        | 11      | 2462      | 15.25                    |
|                        | 12      | 2467      | 14.86                    |
|                        | 13      | 2472      | 11.88                    |
| 802.11ax HE40          | 3       | 2422      | 14.84                    |
|                        | 6       | 2437      | 15.28                    |
|                        | 9       | 2452      | 15.19                    |
|                        | 10      | 2457      | 12.33                    |
|                        | 11      | 2462      | 11.15                    |

| Conducted Power (Full) |         |           |                          |
|------------------------|---------|-----------|--------------------------|
| WLAN2.4GHz Ant 1       |         |           |                          |
| Mode                   | Channel | Frequency | SISO Ant 1<br>Avg. Power |
| 802.11b                | 1       | 2412      | 15.47                    |
|                        | 6       | 2437      | 15.49                    |
|                        | 11      | 2462      | 15.48                    |
|                        | 12      | 2467      | 15.46                    |
|                        | 13      | 2472      | 15.4                     |
| 802.11g                | 1       | 2412      | 15.21                    |
|                        | 6       | 2437      | 14.86                    |
|                        | 11      | 2462      | 14.86                    |
|                        | 12      | 2467      | 15.09                    |
|                        | 13      | 2472      | 12.3                     |
| 802.11n HT20           | 1       | 2412      | 15.03                    |
|                        | 6       | 2437      | 15.17                    |
|                        | 11      | 2462      | 14.98                    |
|                        | 12      | 2467      | 15.23                    |
|                        | 13      | 2472      | 12.13                    |
| 802.11n HT40           | 3       | 2422      | 14.88                    |
|                        | 6       | 2437      | 14.82                    |
|                        | 9       | 2452      | 15.26                    |
|                        | 10      | 2457      | 12.35                    |
|                        | 11      | 2462      | 10.8                     |
| 802.11ax HE20          | 1       | 2412      | 15.21                    |
|                        | 6       | 2437      | 15.11                    |
|                        | 11      | 2462      | 14.91                    |
|                        | 12      | 2467      | 15.15                    |
|                        | 13      | 2472      | 11.89                    |
| 802.11ax HE40          | 3       | 2422      | 15.13                    |
|                        | 6       | 2437      | 15.15                    |
|                        | 9       | 2452      | 14.82                    |
|                        | 10      | 2457      | 12.43                    |
|                        | 11      | 2462      | 11.23                    |

| Conducted Power (Full) |         |           |                          |                          |                            |
|------------------------|---------|-----------|--------------------------|--------------------------|----------------------------|
| WLAN2.4GHz Ant 0+1     |         |           |                          |                          |                            |
| Mode                   | Channel | Frequency | MIMO Ant 0<br>Avg. Power | MIMO Ant 1<br>Avg. Power | MIMO Ant 0+1<br>Avg. Power |
| 802.11b                | 1       | 2412      |                          |                          |                            |
|                        | 6       | 2437      |                          |                          |                            |
|                        | 11      | 2462      |                          |                          |                            |
|                        | 12      | 2467      |                          |                          |                            |
|                        | 13      | 2472      |                          |                          |                            |
| 802.11g                | 1       | 2412      |                          |                          |                            |
|                        | 6       | 2437      |                          |                          |                            |
|                        | 11      | 2462      |                          |                          |                            |
|                        | 12      | 2467      |                          |                          |                            |
|                        | 13      | 2472      |                          |                          |                            |
| 802.11n HT20           | 1       | 2412      | 15.27                    | 14.95                    | 18.12                      |
|                        | 6       | 2437      | 15.08                    | 15.1                     | 18.10                      |
|                        | 11      | 2462      | 15.28                    | 14.8                     | 18.06                      |
|                        | 12      | 2467      | 11.35                    | 11.32                    | 14.35                      |
|                        | 13      | 2472      | 8.75                     | 8.76                     | 11.77                      |
| 802.11n HT40           | 3       | 2422      | 15.48                    | 15.47                    | 18.48                      |
|                        | 6       | 2437      | 15.47                    | 15.46                    | 18.49                      |
|                        | 9       | 2452      | 15.46                    | 15.43                    | 18.46                      |
|                        | 10      | 2457      | 11.94                    | 11.95                    | 14.96                      |
|                        | 11      | 2462      | 8.88                     | 8.96                     | 11.93                      |
| 802.11ax HE20          | 1       | 2412      | 15.02                    | 15.14                    | 18.09                      |
|                        | 6       | 2437      | 14.86                    | 15.1                     | 17.99                      |
|                        | 11      | 2462      | 15.16                    | 14.98                    | 18.08                      |
|                        | 12      | 2467      | 11.44                    | 11.36                    | 14.41                      |
|                        | 13      | 2472      | 8.39                     | 8.34                     | 11.38                      |
| 802.11ax HE40          | 3       | 2422      | 14.84                    | 14.91                    | 17.89                      |
|                        | 6       | 2437      | 14.99                    | 15.25                    | 18.13                      |
|                        | 9       | 2452      | 15.09                    | 15.09                    | 18.10                      |
|                        | 10      | 2457      | 11.47                    | 11.56                    | 14.53                      |
|                        | 11      | 2462      | 8.74                     | 8.39                     | 11.58                      |

| Conducted Power (Full) |         |           |                          |
|------------------------|---------|-----------|--------------------------|
| Bluetooth Ant 1        |         |           |                          |
| Mode                   | Channel | Frequency | SISO Ant 1<br>Avg. Power |
| BR / EDR               | 0       | 2402      | 10.74                    |
|                        | 39      | 2441      | 10.88                    |
|                        | 78      | 2480      | 10.85                    |
| LE                     | 0       | 2402      | 6.6                      |
|                        | 19      | 2440      | 6.71                     |
|                        | 39      | 2480      | 6.44                     |

| Conducted Power (Full) |         |           |                          |
|------------------------|---------|-----------|--------------------------|
| WLAN 5.2GHz Ant 0      |         |           |                          |
| Mode                   | Channel | Frequency | SISO Ant 0<br>Avg. Power |
| 802.11a                | 36      | 5180      | 11.94                    |
|                        | 40      | 5200      | 12.06                    |
|                        | 44      | 5220      | 11.96                    |
|                        | 48      | 5240      | 12.15                    |
| 802.11n HT20           | 36      | 5180      | 12.27                    |
|                        | 40      | 5200      | 11.84                    |
|                        | 44      | 5220      | 11.95                    |
|                        | 48      | 5240      | 12.24                    |
| 802.11n HT40           | 38      | 5190      | 11.97                    |
|                        | 46      | 5230      | 12.2                     |
| 802.11ac VHT80         | 42      | 5210      | 12.12                    |
| 802.11ax HE20          | 36      | 5180      | 11.9                     |
|                        | 40      | 5200      | 12.06                    |
|                        | 44      | 5220      | 12.1                     |
|                        | 48      | 5240      | 11.82                    |
| 802.11ax HE40          | 38      | 5190      | 11.89                    |
|                        | 46      | 5230      | 11.8                     |
| 802.11ax HE80          | 42      | 5210      | 12.09                    |

| Conducted Power (Full) |         |           |                          |
|------------------------|---------|-----------|--------------------------|
| WLAN 5.2GHz Ant 1      |         |           |                          |
| Mode                   | Channel | Frequency | SISO Ant 1<br>Avg. Power |
| 802.11a                | 36      | 5180      | 12.22                    |
|                        | 40      | 5200      | 11.9                     |
|                        | 44      | 5220      | 11.83                    |
|                        | 48      | 5240      | 12.04                    |
| 802.11n HT20           | 36      | 5180      | 12.1                     |
|                        | 40      | 5200      | 11.9                     |
|                        | 44      | 5220      | 11.97                    |
|                        | 48      | 5240      | 11.84                    |
| 802.11n HT40           | 38      | 5190      | 12.26                    |
|                        | 46      | 5230      | 12.19                    |
| 802.11ac VHT80         | 42      | 5210      | 11.92                    |
| 802.11ax HE20          | 36      | 5180      | 11.91                    |
|                        | 40      | 5200      | 11.92                    |
|                        | 44      | 5220      | 11.91                    |
|                        | 48      | 5240      | 12.07                    |
| 802.11ax HE40          | 38      | 5190      | 12.15                    |
|                        | 46      | 5230      | 11.95                    |
| 802.11ax HE80          | 42      | 5210      | 12.15                    |

| Conducted Power (Full) |         |           |                          |                          |                            |
|------------------------|---------|-----------|--------------------------|--------------------------|----------------------------|
| WLAN 5.2GHz Ant 0+1    |         |           |                          |                          |                            |
| Mode                   | Channel | Frequency | MIMO Ant 0<br>Avg. Power | MIMO Ant 1<br>Avg. Power | MIMO Ant 0+1<br>Avg. Power |
| 802.11a                | 36      | 5180      |                          |                          |                            |
|                        | 40      | 5200      |                          |                          |                            |
|                        | 44      | 5220      |                          |                          |                            |
|                        | 48      | 5240      |                          |                          |                            |
| 802.11n HT20           | 36      | 5180      | 12.24                    | 12.09                    | 15.18                      |
|                        | 40      | 5200      | 12.07                    | 11.8                     | 14.95                      |
|                        | 44      | 5220      | 11.82                    | 11.9                     | 14.87                      |
|                        | 48      | 5240      | 11.95                    | 12.04                    | 15.01                      |
| 802.11n HT40           | 38      | 5190      | 11.84                    | 12.05                    | 14.96                      |
|                        | 46      | 5230      | 11.98                    | 12.08                    | 15.04                      |
| 802.11ac VHT80         | 42      | 5210      | 11.84                    | 12.19                    | 15.03                      |
| 802.11ax HE20          | 36      | 5180      | 11.9                     | 12.19                    | 15.06                      |
|                        | 40      | 5200      | 11.82                    | 12.26                    | 15.06                      |
|                        | 44      | 5220      | 12.02                    | 12.26                    | 15.15                      |
|                        | 48      | 5240      | 12.22                    | 11.93                    | 15.09                      |
| 802.11ax HE40          | 38      | 5190      | 11.94                    | 11.96                    | 14.96                      |
|                        | 46      | 5230      | 12.29                    | 11.94                    | 15.13                      |
| 802.11ax HE80          | 42      | 5210      | 12.07                    | 12.07                    | 15.08                      |

| Conducted Power (Full) |         |           |                          |
|------------------------|---------|-----------|--------------------------|
| WLAN 5.3GHz Ant 0      |         |           |                          |
| Mode                   | Channel | Frequency | SISO Ant 0<br>Avg. Power |
| 802.11a                | 52      | 5260      | 12.03                    |
|                        | 56      | 5280      | 12.05                    |
|                        | 60      | 5300      | 12.27                    |
|                        | 64      | 5320      | 11.88                    |
| 802.11n HT20           | 52      | 5260      | 12.2                     |
|                        | 56      | 5280      | 12.23                    |
|                        | 60      | 5300      | 12.24                    |
|                        | 64      | 5320      | 11.96                    |
| 802.11n HT40           | 54      | 5270      | 12.23                    |
|                        | 62      | 5310      | 12.2                     |
| 802.11ac VHT80         | 58      | 5290      | 12.19                    |
| 802.11ac VHT160        | 50      | 5250      | 12.47                    |
| 802.11ax HE20          | 52      | 5260      | 11.9                     |
|                        | 56      | 5280      | 12.07                    |
|                        | 60      | 5300      | 11.83                    |
|                        | 64      | 5320      | 12.24                    |
| 802.11ax HE40          | 54      | 5270      | 12.05                    |
|                        | 62      | 5310      | 11.9                     |
| 802.11ax HE80          | 58      | 5290      | 12.18                    |
| 802.11ax HE160         | 50      | 5250      | 12.29                    |

| Conducted Power (Full) |         |           |                          |
|------------------------|---------|-----------|--------------------------|
| WLAN 5.3GHz Ant 1      |         |           |                          |
| Mode                   | Channel | Frequency | SISO Ant 1<br>Avg. Power |
| 802.11a                | 52      | 5260      | 12.3                     |
|                        | 56      | 5280      | 12.19                    |
|                        | 60      | 5300      | 11.97                    |
|                        | 64      | 5320      | 11.93                    |
| 802.11n HT20           | 52      | 5260      | 11.87                    |
|                        | 56      | 5280      | 12.08                    |
|                        | 60      | 5300      | 11.89                    |
|                        | 64      | 5320      | 11.86                    |
| 802.11n HT40           | 54      | 5270      | 11.91                    |
|                        | 62      | 5310      | 11.95                    |
| 802.11ac VHT80         | 58      | 5290      | 12.02                    |
| 802.11ac VHT160        | 50      | 5250      | 12.46                    |
| 802.11ax HE20          | 52      | 5260      | 12.03                    |
|                        | 56      | 5280      | 11.82                    |
|                        | 60      | 5300      | 12.12                    |
|                        | 64      | 5320      | 12.18                    |
| 802.11ax HE40          | 54      | 5270      | 12.2                     |
|                        | 62      | 5310      | 11.85                    |
| 802.11ax HE80          | 58      | 5290      | 11.86                    |
| 802.11ax HE160         | 50      | 5250      | 12.09                    |

| Conducted Power (Full) |         |           |                          |                          |                            |
|------------------------|---------|-----------|--------------------------|--------------------------|----------------------------|
| WLAN 5.3GHz Ant 0+1    |         |           |                          |                          |                            |
| Mode                   | Channel | Frequency | MIMO Ant 0<br>Avg. Power | MIMO Ant 1<br>Avg. Power | MIMO Ant 0+1<br>Avg. Power |
| 802.11a                | 52      | 5260      |                          |                          |                            |
|                        | 56      | 5280      |                          |                          |                            |
|                        | 60      | 5300      |                          |                          |                            |
|                        | 64      | 5320      |                          |                          |                            |
| 802.11n HT20           | 52      | 5260      | 11.81                    | 11.91                    | 14.87                      |
|                        | 56      | 5280      | 12.1                     | 12.07                    | 15.1                       |
|                        | 60      | 5300      | 11.93                    | 12.02                    | 14.99                      |
|                        | 64      | 5320      | 11.82                    | 11.85                    | 14.85                      |
| 802.11n HT40           | 54      | 5270      | 12.14                    | 11.8                     | 14.98                      |
|                        | 62      | 5310      | 12.08                    | 12.16                    | 15.13                      |
| 802.11ac VHT80         | 58      | 5290      | 11.99                    | 12.16                    | 15.09                      |
| 802.11ac VHT160        | 50      | 5250      | 12.4                     | 12.44                    | 15.43                      |
| 802.11ax HE20          | 52      | 5260      | 12.23                    | 12.21                    | 15.23                      |
|                        | 56      | 5280      | 12.2                     | 11.83                    | 15.03                      |
|                        | 60      | 5300      | 11.98                    | 12.05                    | 15.03                      |
|                        | 64      | 5320      | 12.03                    | 11.98                    | 15.02                      |
| 802.11ax HE40          | 54      | 5270      | 12.03                    | 11.86                    | 14.96                      |
|                        | 62      | 5310      | 11.94                    | 11.99                    | 14.98                      |
| 802.11ax HE80          | 58      | 5290      | 12.27                    | 11.8                     | 15.05                      |
| 802.11ax HE160         | 50      | 5250      | 12.3                     | 12.12                    | 15.22                      |

| Conducted Power (Full) |         |           |                          |
|------------------------|---------|-----------|--------------------------|
| WLAN 5.6GHz Ant 0      |         |           |                          |
| Mode                   | Channel | Frequency | SISO Ant 0<br>Avg. Power |
| 802.11a                | 100     | 5500      | 12.22                    |
|                        | 116     | 5580      | 11.81                    |
|                        | 120     | 5600      | 11.88                    |
|                        | 124     | 5620      | 11.88                    |
|                        | 132     | 5660      | 12.24                    |
|                        | 140     | 5700      | 12.22                    |
|                        | 144     | 5720      | 12.29                    |
| 802.11n HT20           | 100     | 5500      | 12.13                    |
|                        | 116     | 5580      | 12.02                    |
|                        | 120     | 5600      | 12.1                     |
|                        | 124     | 5620      | 11.99                    |
|                        | 132     | 5660      | 11.81                    |
|                        | 140     | 5700      | 12.21                    |
|                        | 144     | 5720      | 12.17                    |
| 802.11n HT40           | 102     | 5510      | 11.81                    |
|                        | 110     | 5550      | 12.2                     |
|                        | 118     | 5590      | 12                       |
|                        | 126     | 5630      | 11.89                    |
|                        | 134     | 5670      | 12.02                    |
|                        | 142     | 5710      | 11.92                    |
| 802.11ac VHT80         | 106     | 5530      | 12.48                    |
|                        | 122     | 5610      | 12.4                     |
|                        | 138     | 5690      | 12.41                    |
| 802.11ac VHT160        | 114     | 5570      | 12.49                    |
| 802.11ax HE20          | 100     | 5500      | 11.9                     |
|                        | 116     | 5580      | 12.23                    |
|                        | 120     | 5600      | 12.22                    |
|                        | 124     | 5620      | 12.11                    |
|                        | 132     | 5660      | 12.26                    |
|                        | 140     | 5700      | 12.11                    |
|                        | 144     | 5720      | 12.26                    |
| 802.11ax HE40          | 102     | 5510      | 12.07                    |
|                        | 110     | 5550      | 12.25                    |
|                        | 118     | 5590      | 12.24                    |
|                        | 126     | 5630      | 12.1                     |
|                        | 134     | 5670      | 11.97                    |
|                        | 142     | 5710      | 11.97                    |
| 802.11ax HE80          | 106     | 5530      | 11.83                    |
|                        | 122     | 5610      | 12.05                    |
|                        | 138     | 5690      | 11.98                    |
| 802.11ax HE160         | 114     | 5570      | 11.88                    |

| Conducted Power (Full) |         |           |                          |
|------------------------|---------|-----------|--------------------------|
| WLAN 5.6GHz Ant 1      |         |           |                          |
| Mode                   | Channel | Frequency | SISO Ant 1<br>Avg. Power |
| 802.11a                | 100     | 5500      | 11.94                    |
|                        | 116     | 5580      | 12.03                    |
|                        | 120     | 5600      | 11.97                    |
|                        | 124     | 5620      | 12.28                    |
|                        | 132     | 5660      | 12.28                    |
|                        | 140     | 5700      | 12.19                    |
|                        | 144     | 5720      | 11.87                    |
| 802.11n HT20           | 100     | 5500      | 12.24                    |
|                        | 116     | 5580      | 11.85                    |
|                        | 120     | 5600      | 12.1                     |
|                        | 124     | 5620      | 12.27                    |
|                        | 132     | 5660      | 12.25                    |
|                        | 140     | 5700      | 12.08                    |
|                        | 144     | 5720      | 12.04                    |
| 802.11n HT40           | 102     | 5510      | 12.19                    |
|                        | 110     | 5550      | 12.22                    |
|                        | 118     | 5590      | 12.03                    |
|                        | 126     | 5630      | 12.16                    |
|                        | 134     | 5670      | 12.18                    |
|                        | 142     | 5710      | 11.99                    |
| 802.11ac VHT80         | 106     | 5530      | 12.46                    |
|                        | 122     | 5610      | 12.43                    |
|                        | 138     | 5690      | 12.44                    |
| 802.11ac VHT160        | 114     | 5570      | 12.48                    |
| 802.11ax HE20          | 100     | 5500      | 12.09                    |
|                        | 116     | 5580      | 11.86                    |
|                        | 120     | 5600      | 12.24                    |
|                        | 124     | 5620      | 11.99                    |
|                        | 132     | 5660      | 11.9                     |
|                        | 140     | 5700      | 12.09                    |
|                        | 144     | 5720      | 11.94                    |
| 802.11ax HE40          | 102     | 5510      | 12.07                    |
|                        | 110     | 5550      | 12.2                     |
|                        | 118     | 5590      | 12.03                    |
|                        | 126     | 5630      | 12.3                     |
|                        | 134     | 5670      | 12.05                    |
|                        | 142     | 5710      | 12.2                     |
| 802.11ax HE80          | 106     | 5530      | 12.23                    |
|                        | 122     | 5610      | 12.16                    |
|                        | 138     | 5690      | 11.96                    |
| 802.11ax HE160         | 114     | 5570      | 11.8                     |

| Conducted Power (Full) |         |           |                          |                          |                            |
|------------------------|---------|-----------|--------------------------|--------------------------|----------------------------|
| WLAN 5.6GHz Ant 0+1    |         |           |                          |                          |                            |
| Mode                   | Channel | Frequency | MIMO Ant 0<br>Avg. Power | MIMO Ant 1<br>Avg. Power | MIMO Ant 0+1<br>Avg. Power |
| 802.11a                | 100     | 5500      |                          |                          |                            |
|                        | 116     | 5580      |                          |                          |                            |
|                        | 120     | 5600      |                          |                          |                            |
|                        | 124     | 5620      |                          |                          |                            |
|                        | 132     | 5660      |                          |                          |                            |
|                        | 140     | 5700      |                          |                          |                            |
|                        | 144     | 5720      |                          |                          |                            |
| 802.11n HT20           | 100     | 5500      | 11.87                    | 12.15                    | 15.02                      |
|                        | 116     | 5580      | 11.85                    | 12.26                    | 15.07                      |
|                        | 120     | 5600      | 11.95                    | 11.85                    | 14.91                      |
|                        | 124     | 5620      | 12.09                    | 12.19                    | 15.15                      |
|                        | 132     | 5660      | 11.84                    | 12.09                    | 14.98                      |
|                        | 140     | 5700      | 12.08                    | 12.04                    | 15.07                      |
|                        | 144     | 5720      | 11.98                    | 12.1                     | 15.05                      |
| 802.11n HT40           | 102     | 5510      | 11.86                    | 12.18                    | 15.03                      |
|                        | 110     | 5550      | 12.2                     | 11.95                    | 15.09                      |
|                        | 118     | 5590      | 12.04                    | 12                       | 15.03                      |
|                        | 126     | 5630      | 12.11                    | 11.84                    | 14.99                      |
|                        | 134     | 5670      | 11.92                    | 11.81                    | 14.88                      |
|                        | 142     | 5710      | 12.15                    | 12.06                    | 15.12                      |
| 802.11ac VHT80         | 106     | 5530      | 12.41                    | 12.45                    | 15.44                      |
|                        | 122     | 5610      | 12.39                    | 12.4                     | 15.41                      |
|                        | 138     | 5690      | 12.43                    | 12.4                     | 15.43                      |
| 802.11ac VHT160        | 114     | 5570      | 12.47                    | 12.44                    | 15.47                      |
| 802.11ax HE20          | 100     | 5500      | 11.93                    | 11.94                    | 14.95                      |
|                        | 116     | 5580      | 12.24                    | 11.82                    | 15.05                      |
|                        | 120     | 5600      | 11.91                    | 12.04                    | 14.99                      |
|                        | 124     | 5620      | 12                       | 12.06                    | 15.04                      |
|                        | 132     | 5660      | 12.02                    | 12.05                    | 15.05                      |
|                        | 140     | 5700      | 12                       | 12.2                     | 15.11                      |
|                        | 144     | 5720      | 12.28                    | 12.15                    | 15.23                      |
| 802.11ax HE40          | 102     | 5510      | 12.15                    | 12.09                    | 15.13                      |
|                        | 110     | 5550      | 12.29                    | 12.01                    | 15.16                      |
|                        | 118     | 5590      | 11.98                    | 11.84                    | 14.92                      |
|                        | 126     | 5630      | 11.87                    | 11.9                     | 14.9                       |
|                        | 134     | 5670      | 12.11                    | 12.15                    | 15.14                      |
|                        | 142     | 5710      | 12.16                    | 11.95                    | 15.07                      |
| 802.11ax HE80          | 106     | 5530      | 11.97                    | 12.04                    | 15.02                      |
|                        | 122     | 5610      | 11.97                    | 12.1                     | 15.05                      |
|                        | 138     | 5690      | 12.09                    | 12.26                    | 15.19                      |
| 802.11ax HE160         | 114     | 5570      | 12.03                    | 11.8                     | 14.93                      |

| Conducted Power (Full) |         |           |                          |
|------------------------|---------|-----------|--------------------------|
| WLAN 5.8GHz Ant 0      |         |           |                          |
| Mode                   | Channel | Frequency | SISO Ant 0<br>Avg. Power |
| 802.11a                | 149     | 5745      | 11.82                    |
|                        | 153     | 5765      | 12.07                    |
|                        | 157     | 5785      | 12.26                    |
|                        | 161     | 5805      | 12.1                     |
|                        | 165     | 5825      | 12.18                    |
| 802.11n HT20           | 149     | 5745      | 12.09                    |
|                        | 153     | 5765      | 12.16                    |
|                        | 157     | 5785      | 12.24                    |
|                        | 161     | 5805      | 12.28                    |
|                        | 165     | 5825      | 11.92                    |
| 802.11n HT40           | 151     | 5755      | 12.2                     |
|                        | 159     | 5795      | 12.06                    |
| 802.11ac VHT80         | 155     | 5775      | 12.41                    |
| 802.11ax HE20          | 149     | 5745      | 11.91                    |
|                        | 153     | 5765      | 11.83                    |
|                        | 157     | 5785      | 12.03                    |
|                        | 161     | 5805      | 11.9                     |
|                        | 165     | 5825      | 12.09                    |
| 802.11ax HE40          | 151     | 5755      | 12.17                    |
|                        | 159     | 5795      | 12.18                    |
| 802.11ax HE80          | 155     | 5775      | 12.17                    |

| Conducted Power (Full) |         |           |                          |
|------------------------|---------|-----------|--------------------------|
| WLAN 5.8GHz Ant 1      |         |           |                          |
| Mode                   | Channel | Frequency | SISO Ant 1<br>Avg. Power |
| 802.11a                | 149     | 5745      | 11.96                    |
|                        | 153     | 5765      | 12.28                    |
|                        | 157     | 5785      | 11.96                    |
|                        | 161     | 5805      | 12.21                    |
|                        | 165     | 5825      | 12                       |
| 802.11n HT20           | 149     | 5745      | 12.28                    |
|                        | 153     | 5765      | 11.8                     |
|                        | 157     | 5785      | 11.83                    |
|                        | 161     | 5805      | 11.81                    |
|                        | 165     | 5825      | 12.24                    |
| 802.11n HT40           | 151     | 5755      | 12.16                    |
|                        | 159     | 5795      | 11.92                    |
| 802.11ac VHT80         | 155     | 5775      | 12.45                    |
| 802.11ax HE20          | 149     | 5745      | 12.08                    |
|                        | 153     | 5765      | 11.96                    |
|                        | 157     | 5785      | 12                       |
|                        | 161     | 5805      | 11.81                    |
|                        | 165     | 5825      | 11.82                    |
| 802.11ax HE40          | 151     | 5755      | 11.96                    |
|                        | 159     | 5795      | 11.84                    |
| 802.11ax HE80          | 155     | 5775      | 11.88                    |

| Conducted Power (Full) |         |           |                          |                          |                            |
|------------------------|---------|-----------|--------------------------|--------------------------|----------------------------|
| WLAN 5.8GHz Ant 0+1    |         |           |                          |                          |                            |
| Mode                   | Channel | Frequency | MIMO Ant 0<br>Avg. Power | MIMO Ant 1<br>Avg. Power | MIMO Ant 0+1<br>Avg. Power |
| 802.11a                | 149     | 5745      |                          |                          |                            |
|                        | 153     | 5765      |                          |                          |                            |
|                        | 157     | 5785      |                          |                          |                            |
|                        | 161     | 5805      |                          |                          |                            |
|                        | 165     | 5825      |                          |                          |                            |
| 802.11n HT20           | 149     | 5745      | 11.85                    | 12.17                    | 15.02                      |
|                        | 153     | 5765      | 12.04                    | 12.02                    | 15.04                      |
|                        | 157     | 5785      | 12.23                    | 11.87                    | 15.06                      |
|                        | 161     | 5805      | 12.11                    | 12.15                    | 15.14                      |
|                        | 165     | 5825      | 12.13                    | 12.01                    | 15.08                      |
| 802.11n HT40           | 151     | 5755      | 11.82                    | 12.26                    | 15.06                      |
|                        | 159     | 5795      | 11.83                    | 11.99                    | 14.92                      |
| 802.11ac VHT80         | 155     | 5775      | 12.44                    | 12.48                    | 15.47                      |
| 802.11ax HE20          | 149     | 5745      | 12.07                    | 12.19                    | 15.14                      |
|                        | 153     | 5765      | 12.23                    | 12.26                    | 15.26                      |
|                        | 157     | 5785      | 11.93                    | 11.84                    | 14.9                       |
|                        | 161     | 5805      | 12.18                    | 12.04                    | 15.12                      |
|                        | 165     | 5825      | 11.84                    | 12.19                    | 15.03                      |
| 802.11ax HE40          | 151     | 5755      | 12.04                    | 12.11                    | 15.09                      |
|                        | 159     | 5795      | 11.92                    | 11.89                    | 14.92                      |
| 802.11ax HE80          | 155     | 5775      | 12.28                    | 12.3                     | 15.3                       |

| Conducted Power (Full) |         |           |                          |
|------------------------|---------|-----------|--------------------------|
| UNII-5 Ant 0           |         |           |                          |
| Mode                   | Channel | Frequency | SISO Ant 0<br>Avg. Power |
| 802.11ax HE20          | 1       | 5955      | 4.56                     |
|                        | 5       | 5975      | 4.52                     |
|                        | 9       | 5995      | 4.73                     |
|                        | 13      | 6015      | 4.8                      |
|                        | 17      | 6035      | 4.36                     |
|                        | 21      | 6055      | 4.42                     |
|                        | 25      | 6075      | 4.57                     |
|                        | 29      | 6095      | 4.34                     |
|                        | 33      | 6115      | 4.45                     |
|                        | 37      | 6135      | 4.74                     |
|                        | 41      | 6155      | 4.36                     |
|                        | 45      | 6175      | 4.65                     |
|                        | 49      | 6195      | 4.5                      |
|                        | 53      | 6215      | 4.69                     |
|                        | 57      | 6235      | 4.38                     |
|                        | 61      | 6255      | 4.68                     |
|                        | 65      | 6275      | 4.77                     |
|                        | 69      | 6295      | 4.37                     |
|                        | 73      | 6315      | 4.72                     |
|                        | 77      | 6335      | 4.67                     |
|                        | 81      | 6355      | 4.41                     |
|                        | 85      | 6375      | 4.5                      |
|                        | 89      | 6395      | 4.42                     |
|                        | 93      | 6415      | 4.39                     |
| 802.11ax HE40          | 3       | 5965      | 7.73                     |
|                        | 11      | 6005      | 7.64                     |
|                        | 19      | 6045      | 7.71                     |
|                        | 27      | 6085      | 7.49                     |
|                        | 35      | 6125      | 7.47                     |
|                        | 43      | 6165      | 7.51                     |
|                        | 51      | 6205      | 7.45                     |
|                        | 59      | 6245      | 7.71                     |
|                        | 67      | 6285      | 7.78                     |
|                        | 75      | 6325      | 7.37                     |
|                        | 83      | 6365      | 7.36                     |
|                        | 91      | 6405      | 7.3                      |
| 802.11ax HE80          | 7       | 5985      | 9.32                     |
|                        | 23      | 6065      | 9.52                     |
|                        | 39      | 6145      | 9.55                     |
|                        | 55      | 6225      | 9.43                     |
|                        | 71      | 6305      | 9.33                     |
|                        | 87      | 6385      | 9.65                     |
| 802.11ax HE160         | 15      | 6025      | 9.95                     |
|                        | 47      | 6185      | 9.91                     |
|                        | 79      | 6345      | 9.92                     |

| Conducted Power (Full) |         |           |                          |
|------------------------|---------|-----------|--------------------------|
| UNII-5 Ant 1           |         |           |                          |
| Mode                   | Channel | Frequency | SISO Ant 1<br>Avg. Power |
| 802.11ax HE20          | 1       | 5955      | 4.33                     |
|                        | 5       | 5975      | 4.57                     |
|                        | 9       | 5995      | 4.3                      |
|                        | 13      | 6015      | 4.56                     |
|                        | 17      | 6035      | 4.79                     |
|                        | 21      | 6055      | 4.71                     |
|                        | 25      | 6075      | 4.8                      |
|                        | 29      | 6095      | 4.55                     |
|                        | 33      | 6115      | 4.37                     |
|                        | 37      | 6135      | 4.73                     |
|                        | 41      | 6155      | 4.77                     |
|                        | 45      | 6175      | 4.51                     |
|                        | 49      | 6195      | 4.48                     |
|                        | 53      | 6215      | 4.77                     |
|                        | 57      | 6235      | 4.56                     |
|                        | 61      | 6255      | 4.74                     |
|                        | 65      | 6275      | 4.73                     |
|                        | 69      | 6295      | 4.32                     |
|                        | 73      | 6315      | 4.7                      |
|                        | 77      | 6335      | 4.77                     |
|                        | 81      | 6355      | 4.51                     |
|                        | 85      | 6375      | 4.77                     |
|                        | 89      | 6395      | 4.38                     |
|                        | 93      | 6415      | 4.31                     |
| 802.11ax HE40          | 3       | 5965      | 7.73                     |
|                        | 11      | 6005      | 7.7                      |
|                        | 19      | 6045      | 7.43                     |
|                        | 27      | 6085      | 7.58                     |
|                        | 35      | 6125      | 7.65                     |
|                        | 43      | 6165      | 7.5                      |
|                        | 51      | 6205      | 7.45                     |
|                        | 59      | 6245      | 7.3                      |
|                        | 67      | 6285      | 7.36                     |
|                        | 75      | 6325      | 7.64                     |
|                        | 83      | 6365      | 7.77                     |
|                        | 91      | 6405      | 7.43                     |
| 802.11ax HE80          | 7       | 5985      | 9.72                     |
|                        | 23      | 6065      | 9.51                     |
|                        | 39      | 6145      | 9.39                     |
|                        | 55      | 6225      | 9.34                     |
|                        | 71      | 6305      | 9.59                     |
|                        | 87      | 6385      | 9.6                      |
| 802.11ax HE160         | 15      | 6025      | 9.98                     |
|                        | 47      | 6185      | 9.88                     |
|                        | 79      | 6345      | 9.91                     |

| Conducted Power (Full) |         |           |                          |                          |                            |
|------------------------|---------|-----------|--------------------------|--------------------------|----------------------------|
| UNII-5 Ant 0+1         |         |           |                          |                          |                            |
| Mode                   | Channel | Frequency | MIMO Ant 0<br>Avg. Power | MIMO Ant 1<br>Avg. Power | MIMO Ant 0+1<br>Avg. Power |
| 802.11ax HE20          | 1       | 5955      | 1.72                     | 1.66                     | 4.7                        |
|                        | 5       | 5975      | 1.54                     | 1.4                      | 4.48                       |
|                        | 9       | 5995      | 1.31                     | 1.67                     | 4.5                        |
|                        | 13      | 6015      | 1.43                     | 1.36                     | 4.41                       |
|                        | 17      | 6035      | 1.54                     | 1.78                     | 4.67                       |
|                        | 21      | 6055      | 1.53                     | 1.33                     | 4.44                       |
|                        | 25      | 6075      | 1.65                     | 1.31                     | 4.49                       |
|                        | 29      | 6095      | 1.45                     | 1.42                     | 4.45                       |
|                        | 33      | 6115      | 1.51                     | 1.45                     | 4.49                       |
|                        | 37      | 6135      | 1.42                     | 1.4                      | 4.42                       |
|                        | 41      | 6155      | 1.4                      | 1.7                      | 4.56                       |
|                        | 45      | 6175      | 1.65                     | 1.33                     | 4.5                        |
|                        | 49      | 6195      | 1.38                     | 1.54                     | 4.47                       |
|                        | 53      | 6215      | 1.33                     | 1.61                     | 4.48                       |
|                        | 57      | 6235      | 1.72                     | 1.5                      | 4.62                       |
|                        | 61      | 6255      | 1.64                     | 1.49                     | 4.58                       |
|                        | 65      | 6275      | 1.58                     | 1.42                     | 4.51                       |
|                        | 69      | 6295      | 1.42                     | 1.69                     | 4.57                       |
|                        | 73      | 6315      | 1.64                     | 1.73                     | 4.7                        |
|                        | 77      | 6335      | 1.51                     | 1.33                     | 4.43                       |
|                        | 81      | 6355      | 1.37                     | 1.65                     | 4.52                       |
|                        | 85      | 6375      | 1.53                     | 1.77                     | 4.66                       |
|                        | 89      | 6395      | 1.66                     | 1.61                     | 4.65                       |
|                        | 93      | 6415      | 1.57                     | 1.71                     | 4.65                       |
| 802.11ax HE40          | 3       | 5965      | 4.65                     | 4.41                     | 7.54                       |
|                        | 11      | 6005      | 4.64                     | 4.39                     | 7.53                       |
|                        | 19      | 6045      | 4.8                      | 4.45                     | 7.64                       |
|                        | 27      | 6085      | 4.53                     | 4.75                     | 7.65                       |
|                        | 35      | 6125      | 4.51                     | 4.44                     | 7.49                       |
|                        | 43      | 6165      | 4.5                      | 4.61                     | 7.57                       |
|                        | 51      | 6205      | 4.76                     | 4.42                     | 7.6                        |
|                        | 59      | 6245      | 4.31                     | 4.61                     | 7.47                       |
|                        | 67      | 6285      | 4.55                     | 4.77                     | 7.67                       |
|                        | 75      | 6325      | 4.8                      | 4.76                     | 7.79                       |
|                        | 83      | 6365      | 4.56                     | 4.39                     | 7.49                       |
|                        | 91      | 6405      | 4.69                     | 4.69                     | 7.7                        |
| 802.11ax HE80          | 7       | 5985      | 6.79                     | 6.78                     | 9.8                        |
|                        | 23      | 6065      | 6.75                     | 6.35                     | 9.56                       |
|                        | 39      | 6145      | 6.71                     | 6.38                     | 9.56                       |
|                        | 55      | 6225      | 6.31                     | 6.51                     | 9.42                       |
|                        | 71      | 6305      | 6.35                     | 6.68                     | 9.53                       |
|                        | 87      | 6385      | 6.47                     | 6.7                      | 9.6                        |
| 802.11ax HE160         | 15      | 6025      | 9.94                     | 9.98                     | 12.97                      |
|                        | 47      | 6185      | 9.88                     | 9.91                     | 12.91                      |
|                        | 79      | 6345      | 9.91                     | 9.89                     | 12.91                      |

| Conducted Power (Full) |         |           |                          |
|------------------------|---------|-----------|--------------------------|
| UNII-6 Ant 0           |         |           |                          |
| Mode                   | Channel | Frequency | SISO Ant 0<br>Avg. Power |
| 802.11ax HE20          | 97      | 6435      | 4.33                     |
|                        | 101     | 6455      | 4.67                     |
|                        | 105     | 6475      | 4.79                     |
|                        | 109     | 6495      | 4.71                     |
|                        | 113     | 6515      | 4.58                     |
|                        | 117     | 6535      | 4.57                     |
| 802.11ax HE40          | 99      | 6445      | 7.6                      |
|                        | 107     | 6485      | 7.74                     |
|                        | 115     | 6525      | 7.75                     |
| 802.11ax HE80          | 103     | 6465      | 9.5                      |
|                        | 119     | 6545      | 9.75                     |
| 802.11ax HE160         | 111     | 6505      | 12.4                     |

| Conducted Power (Full) |         |           |                          |
|------------------------|---------|-----------|--------------------------|
| UNII-6 Ant 1           |         |           |                          |
| Mode                   | Channel | Frequency | SISO Ant 1<br>Avg. Power |
| 802.11ax HE20          | 97      | 6435      | 4.64                     |
|                        | 101     | 6455      | 4.75                     |
|                        | 105     | 6475      | 4.51                     |
|                        | 109     | 6495      | 4.47                     |
|                        | 113     | 6515      | 4.45                     |
|                        | 117     | 6535      | 4.67                     |
| 802.11ax HE40          | 99      | 6445      | 7.31                     |
|                        | 107     | 6485      | 7.77                     |
|                        | 115     | 6525      | 7.42                     |
| 802.11ax HE80          | 103     | 6465      | 9.32                     |
|                        | 119     | 6545      | 9.4                      |
| 802.11ax HE160         | 111     | 6505      | 12.41                    |

| Conducted Power (Full) |         |           |                          |                          |                            |
|------------------------|---------|-----------|--------------------------|--------------------------|----------------------------|
| UNII-6 Ant 0+1         |         |           |                          |                          |                            |
| Mode                   | Channel | Frequency | MIMO Ant 0<br>Avg. Power | MIMO Ant 1<br>Avg. Power | MIMO Ant 0+1<br>Avg. Power |
| 802.11ax HE20          | 97      | 6435      | 1.6                      | 1.3                      | 4.46                       |
|                        | 101     | 6455      | 1.34                     | 1.41                     | 4.39                       |
|                        | 105     | 6475      | 1.47                     | 1.64                     | 4.57                       |
|                        | 109     | 6495      | 1.32                     | 1.37                     | 4.36                       |
|                        | 113     | 6515      | 1.54                     | 1.48                     | 4.52                       |
|                        | 117     | 6535      | 1.37                     | 1.67                     | 4.53                       |
| 802.11ax HE40          | 99      | 6445      | 4.63                     | 4.38                     | 7.52                       |
|                        | 107     | 6485      | 4.41                     | 4.79                     | 7.61                       |
|                        | 115     | 6525      | 4.41                     | 4.75                     | 7.59                       |
| 802.11ax HE80          | 103     | 6465      | 6.5                      | 6.46                     | 9.49                       |
|                        | 119     | 6545      | 6.44                     | 6.36                     | 9.41                       |
| 802.11ax HE160         | 111     | 6505      | 9.84                     | 9.91                     | 12.89                      |

| Conducted Power (Full) |         |           |                          |
|------------------------|---------|-----------|--------------------------|
| UNII-7 Ant 0           |         |           |                          |
| Mode                   | Channel | Frequency | SISO Ant 0<br>Avg. Power |
| 802.11ax HE20          | 121     | 6555      | 4.67                     |
|                        | 125     | 6575      | 4.43                     |
|                        | 129     | 6595      | 4.59                     |
|                        | 133     | 6615      | 4.59                     |
|                        | 137     | 6635      | 4.3                      |
|                        | 141     | 6655      | 4.39                     |
|                        | 145     | 6675      | 4.44                     |
|                        | 149     | 6695      | 4.58                     |
|                        | 153     | 6715      | 4.58                     |
|                        | 157     | 6735      | 4.56                     |
|                        | 161     | 6755      | 4.8                      |
|                        | 165     | 6775      | 4.35                     |
|                        | 169     | 6795      | 4.7                      |
|                        | 173     | 6815      | 4.3                      |
|                        | 177     | 6835      | 4.76                     |
|                        | 181     | 6855      | 4.53                     |
|                        | 185     | 6875      | 4.73                     |
| 802.11ax HE40          | 123     | 6565      | 7.58                     |
|                        | 131     | 6605      | 7.77                     |
|                        | 139     | 6645      | 7.73                     |
|                        | 147     | 6685      | 7.6                      |
|                        | 155     | 6725      | 7.36                     |
|                        | 163     | 6765      | 7.79                     |
|                        | 171     | 6805      | 7.36                     |
|                        | 179     | 6845      | 7.39                     |
| 802.11ax HE80          | 187     | 6885      | 7.47                     |
|                        | 135     | 6625      | 9.78                     |
|                        | 151     | 6705      | 9.68                     |
|                        | 167     | 6785      | 9.31                     |
| 802.11ax HE160         | 183     | 6865      | 9.54                     |
|                        | 143     | 6665      | 9.89                     |
|                        | 175     | 6825      | 9.91                     |

| Conducted Power (Full) |         |           |                          |
|------------------------|---------|-----------|--------------------------|
| UNII-7 Ant 1           |         |           |                          |
| Mode                   | Channel | Frequency | SISO Ant 1<br>Avg. Power |
| 802.11ax HE20          | 121     | 6555      | 4.66                     |
|                        | 125     | 6575      | 4.73                     |
|                        | 129     | 6595      | 4.62                     |
|                        | 133     | 6615      | 4.72                     |
|                        | 137     | 6635      | 4.77                     |
|                        | 141     | 6655      | 4.49                     |
|                        | 145     | 6675      | 4.63                     |
|                        | 149     | 6695      | 4.72                     |
|                        | 153     | 6715      | 4.34                     |
|                        | 157     | 6735      | 4.35                     |
|                        | 161     | 6755      | 4.48                     |
|                        | 165     | 6775      | 4.74                     |
|                        | 169     | 6795      | 4.5                      |
|                        | 173     | 6815      | 4.62                     |
|                        | 177     | 6835      | 4.34                     |
|                        | 181     | 6855      | 4.45                     |
|                        | 185     | 6875      | 4.34                     |
| 802.11ax HE40          | 123     | 6565      | 7.45                     |
|                        | 131     | 6605      | 7.32                     |
|                        | 139     | 6645      | 7.67                     |
|                        | 147     | 6685      | 7.34                     |
|                        | 155     | 6725      | 7.8                      |
|                        | 163     | 6765      | 7.76                     |
|                        | 171     | 6805      | 7.69                     |
|                        | 179     | 6845      | 7.8                      |
| 802.11ax HE80          | 187     | 6885      | 7.56                     |
|                        | 135     | 6625      | 9.63                     |
|                        | 151     | 6705      | 9.6                      |
|                        | 167     | 6785      | 9.36                     |
| 802.11ax HE160         | 183     | 6865      | 9.57                     |
|                        | 143     | 6665      | 9.85                     |
|                        | 175     | 6825      | 9.89                     |

| Conducted Power (Full) |         |           |                          |                          |                            |
|------------------------|---------|-----------|--------------------------|--------------------------|----------------------------|
| UNII-7 Ant 0+1         |         |           |                          |                          |                            |
| Mode                   | Channel | Frequency | MIMO Ant 0<br>Avg. Power | MIMO Ant 1<br>Avg. Power | MIMO Ant 0+1<br>Avg. Power |
| 802.11ax HE20          | 121     | 6555      | 1.35                     | 1.43                     | 4.4                        |
|                        | 125     | 6575      | 1.6                      | 1.75                     | 4.69                       |
|                        | 129     | 6595      | 1.38                     | 1.31                     | 4.36                       |
|                        | 133     | 6615      | 1.58                     | 1.7                      | 4.65                       |
|                        | 137     | 6635      | 1.66                     | 1.66                     | 4.67                       |
|                        | 141     | 6655      | 1.43                     | 1.75                     | 4.6                        |
|                        | 145     | 6675      | 1.35                     | 1.77                     | 4.58                       |
|                        | 149     | 6695      | 1.42                     | 1.31                     | 4.38                       |
|                        | 153     | 6715      | 1.71                     | 1.59                     | 4.66                       |
|                        | 157     | 6735      | 1.51                     | 1.4                      | 4.47                       |
|                        | 161     | 6755      | 1.61                     | 1.34                     | 4.49                       |
|                        | 165     | 6775      | 1.56                     | 1.56                     | 4.57                       |
|                        | 169     | 6795      | 1.67                     | 1.33                     | 4.51                       |
|                        | 173     | 6815      | 1.43                     | 1.6                      | 4.53                       |
|                        | 177     | 6835      | 1.67                     | 1.35                     | 4.52                       |
|                        | 181     | 6855      | 1.49                     | 1.57                     | 4.54                       |
|                        | 185     | 6875      | 1.31                     | 1.66                     | 4.5                        |
| 802.11ax HE40          | 123     | 6565      | 4.49                     | 4.39                     | 7.45                       |
|                        | 131     | 6605      | 4.31                     | 4.39                     | 7.36                       |
|                        | 139     | 6645      | 4.33                     | 4.69                     | 7.52                       |
|                        | 147     | 6685      | 4.57                     | 4.35                     | 7.47                       |
|                        | 155     | 6725      | 4.62                     | 4.49                     | 7.57                       |
|                        | 163     | 6765      | 4.45                     | 4.36                     | 7.42                       |
|                        | 171     | 6805      | 4.62                     | 4.62                     | 7.63                       |
|                        | 179     | 6845      | 4.33                     | 4.45                     | 7.4                        |
| 802.11ax HE80          | 187     | 6885      | 4.52                     | 4.38                     | 7.46                       |
|                        | 135     | 6625      | 6.31                     | 6.7                      | 9.52                       |
|                        | 151     | 6705      | 6.53                     | 6.79                     | 9.67                       |
|                        | 167     | 6785      | 6.37                     | 6.62                     | 9.51                       |
| 802.11ax HE160         | 183     | 6865      | 6.32                     | 6.55                     | 9.45                       |
|                        | 143     | 6665      | 9.8                      | 9.88                     | 12.85                      |
|                        | 175     | 6825      | 9.89                     | 9.81                     | 12.86                      |

| Conducted Power (Full) |         |           |                          |
|------------------------|---------|-----------|--------------------------|
| UNII-8 Ant 0           |         |           |                          |
| Mode                   | Channel | Frequency | SISO Ant 0<br>Avg. Power |
| 802.11ax HE20          | 189     | 6895      | 4.75                     |
|                        | 193     | 6915      | 4.41                     |
|                        | 197     | 6935      | 4.65                     |
|                        | 201     | 6955      | 4.73                     |
|                        | 205     | 6975      | 4.32                     |
|                        | 209     | 6995      | 4.66                     |
|                        | 213     | 7015      | 4.58                     |
|                        | 217     | 7035      | 4.62                     |
|                        | 221     | 7055      | 4.62                     |
|                        | 225     | 7075      | 4.5                      |
|                        | 229     | 7095      | 4.52                     |
|                        | 233     | 7115      | 4.56                     |
| 802.11ax HE40          | 195     | 6925      | 7.51                     |
|                        | 203     | 6965      | 7.64                     |
|                        | 211     | 7005      | 7.74                     |
|                        | 219     | 7045      | 7.8                      |
|                        | 227     | 7085      | 7.6                      |
| 802.11ax HE80          | 199     | 6945      | 9.53                     |
|                        | 215     | 7025      | 9.68                     |
| 802.11ax HE160         | 207     | 6985      | 9.92                     |

| Conducted Power (Full) |         |           |                          |
|------------------------|---------|-----------|--------------------------|
| UNII-8 Ant 1           |         |           |                          |
| Mode                   | Channel | Frequency | SISO Ant 1<br>Avg. Power |
| 802.11ax HE20          | 189     | 6895      | 4.74                     |
|                        | 193     | 6915      | 4.46                     |
|                        | 197     | 6935      | 4.34                     |
|                        | 201     | 6955      | 4.73                     |
|                        | 205     | 6975      | 4.42                     |
|                        | 209     | 6995      | 4.42                     |
|                        | 213     | 7015      | 4.33                     |
|                        | 217     | 7035      | 4.6                      |
|                        | 221     | 7055      | 4.54                     |
|                        | 225     | 7075      | 4.61                     |
|                        | 229     | 7095      | 4.66                     |
|                        | 233     | 7115      | 4.39                     |
| 802.11ax HE40          | 195     | 6925      | 7.3                      |
|                        | 203     | 6965      | 7.3                      |
|                        | 211     | 7005      | 7.36                     |
|                        | 219     | 7045      | 7.33                     |
|                        | 227     | 7085      | 7.42                     |
| 802.11ax HE80          | 199     | 6945      | 9.68                     |
|                        | 215     | 7025      | 9.7                      |
| 802.11ax HE160         | 207     | 6985      | 9.9                      |

| Conducted Power (Full) |         |           |                          |                          |                            |
|------------------------|---------|-----------|--------------------------|--------------------------|----------------------------|
| UNII-8 Ant 0+1         |         |           |                          |                          |                            |
| Mode                   | Channel | Frequency | MIMO Ant 0<br>Avg. Power | MIMO Ant 1<br>Avg. Power | MIMO Ant 0+1<br>Avg. Power |
| 802.11ax HE20          | 189     | 6895      | 1.66                     | 1.37                     | 4.53                       |
|                        | 193     | 6915      | 1.68                     | 1.56                     | 4.63                       |
|                        | 197     | 6935      | 1.39                     | 1.75                     | 4.58                       |
|                        | 201     | 6955      | 1.51                     | 1.41                     | 4.47                       |
|                        | 205     | 6975      | 1.35                     | 1.62                     | 4.5                        |
|                        | 209     | 6995      | 1.56                     | 1.5                      | 4.54                       |
|                        | 213     | 7015      | 1.32                     | 1.46                     | 4.4                        |
|                        | 217     | 7035      | 1.53                     | 1.49                     | 4.52                       |
|                        | 221     | 7055      | 1.8                      | 1.52                     | 4.67                       |
|                        | 225     | 7075      | 1.59                     | 1.71                     | 4.66                       |
|                        | 229     | 7095      | 1.77                     | 1.59                     | 4.69                       |
|                        | 233     | 7115      | 1.34                     | 1.56                     | 4.46                       |
| 802.11ax HE40          | 195     | 6925      | 4.55                     | 4.46                     | 7.52                       |
|                        | 203     | 6965      | 4.4                      | 4.68                     | 7.55                       |
|                        | 211     | 7005      | 4.75                     | 4.63                     | 7.7                        |
|                        | 219     | 7045      | 4.69                     | 4.45                     | 7.58                       |
|                        | 227     | 7085      | 4.69                     | 4.44                     | 7.58                       |
| 802.11ax HE80          | 199     | 6945      | 6.56                     | 6.56                     | 9.57                       |
|                        | 215     | 7025      | 9.87                     | 9.8                      | 12.85                      |
| 802.11ax HE160         | 207     | 6985      | 9.85                     | 9.9                      | 12.89                      |

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

SAR Results for Body Exposure Condition.

Note:

1. SAR testing 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. The separation distance between WWAN transmitter and bottom of laptop is more than 20 cm, SAR are not required for that position.
4. 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 | RB# | RB offset | Antenna Manufacturer | Ant Status | 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        | 0                        | 6       |     |           | Speed                | Ant 0      | 98.90      | 1.01         | 15.50                    | 15.48                          | 1.00           | -0.13            | 0.649                  | 0.66                 |
|                   | WLAN2.4G | 802.11b         | Bottom        | 0                        | 6       |     |           | Speed                | Ant 1      | 99.00      | 1.01         | 15.50                    | 15.49                          | 1.00           | -0.14            | 0.609                  | 0.62                 |
|                   | WLAN2.4G | 802.11n HT40    | Bottom        | 0                        | 6       |     |           | Speed                | Ant 0+1    | 99.10      | 1.01         | 18.50                    | 18.49                          | 1.00           | -0.12            | 0.656                  | 0.66                 |
| 16                | WLAN2.4G | 802.11n HT40    | Bottom        | 0                        | 3       |     |           | Speed                | Ant 0+1    | 99.10      | 1.01         | 18.50                    | 18.48                          | 1.00           | 0.12             | 0.762                  | 0.77                 |
|                   | WLAN2.4G | 802.11n HT40    | Bottom        | 0                        | 9       |     |           | Speed                | Ant 0+1    | 99.10      | 1.01         | 18.50                    | 18.46                          | 1.01           | -0.11            | 0.695                  | 0.71                 |
|                   | WLAN2.4G | 802.11n HT40    | Bottom        | 0                        | 10      |     |           | Speed                | Ant 0+1    | 99.10      | 1.01         | 15.00                    | 14.96                          | 1.01           | -0.12            | 0.289                  | 0.29                 |
|                   | WLAN2.4G | 802.11n HT40    | Bottom        | 0                        | 11      |     |           | Speed                | Ant 0+1    | 99.10      | 1.01         | 12.00                    | 11.93                          | 1.02           | -0.18            | 0.136                  | 0.14                 |
|                   | WLAN2.4G | 802.11n HT40    | Bottom        | 0                        | 3       |     |           | WNC                  | Ant 0+1    | 99.10      | 1.01         | 18.50                    | 18.48                          | 1.00           | 0.12             | 0.747                  | 0.75                 |
|                   |          |                 |               |                          |         |     |           |                      |            |            |              |                          |                                |                |                  |                        |                      |
|                   | WLAN5.3G | 802.11ac VHT160 | Bottom        | 0                        | 50      |     |           | Speed                | Ant 0      | 98.00      | 1.02         | 12.50                    | 12.47                          | 1.01           | 0.19             | 0.515                  | 0.53                 |
| 17                | WLAN5.3G | 802.11ac VHT160 | Bottom        | 0                        | 50      |     |           | Speed                | Ant 1      | 98.60      | 1.01         | 12.50                    | 12.46                          | 1.01           | -0.13            | 0.79                   | 0.81                 |
|                   | WLAN5.3G | 802.11ac VHT160 | Bottom        | 0                        | 50      |     |           | Speed                | Ant 0+1    | 98.60      | 1.01         | 15.50                    | 15.43                          | 1.02           | 0.16             | 0.72                   | 0.74                 |
|                   | WLAN5.3G | 802.11ac VHT160 | Bottom        | 0                        | 50      |     |           | WNC                  | Ant 1      | 98.60      | 1.01         | 12.50                    | 12.46                          | 1.01           | -0.19            | 0.77                   | 0.79                 |
|                   |          |                 |               |                          |         |     |           |                      |            |            |              |                          |                                |                |                  |                        |                      |
|                   | WLAN5.6G | 802.11ac VHT160 | Bottom        | 0                        | 114     |     |           | Speed                | Ant 0      | 98.00      | 1.02         | 12.50                    | 12.49                          | 1.00           | -0.01            | 0.723                  | 0.74                 |
|                   | WLAN5.6G | 802.11ac VHT160 | Bottom        | 0                        | 114     |     |           | Speed                | Ant 1      | 98.60      | 1.01         | 12.50                    | 12.48                          | 1.00           | 0.03             | 0.808                  | 0.82                 |
| 18                | WLAN5.6G | 802.11ac VHT160 | Bottom        | 0                        | 114     |     |           | Speed                | Ant 0+1    | 98.60      | 1.01         | 15.50                    | 15.47                          | 1.01           | 0.01             | 0.826                  | 0.84                 |
|                   | WLAN5.6G | 802.11ac VHT160 | Bottom        | 0                        | 114     |     |           | WNC                  | Ant 0+1    | 98.60      | 1.01         | 15.50                    | 15.47                          | 1.01           | 0.15             | 0.81                   | 0.83                 |
|                   | WLAN5.6G | 802.11ac VHT160 | Bottom        | 0                        | 114     |     |           | Speed                | Ant 0+1    | 98.60      | 1.01         | 15.50                    | 15.47                          | 1.01           | 0.05             | 0.813                  | 0.83                 |
|                   |          |                 |               |                          |         |     |           |                      |            |            |              |                          |                                |                |                  |                        |                      |
|                   | WLAN5.8G | 802.11ac VHT80  | Bottom        | 0                        | 155     |     |           | Speed                | Ant 0      | 98.30      | 1.02         | 12.50                    | 12.41                          | 1.02           | 0.02             | 0.818                  | 0.85                 |
|                   | WLAN5.8G | 802.11ac VHT80  | Bottom        | 0                        | 155     |     |           | Speed                | Ant 1      | 98.60      | 1.01         | 12.50                    | 12.45                          | 1.01           | -0.07            | 0.485                  | 0.49                 |
| 20                | WLAN5.8G | 802.11ac VHT80  | Bottom        | 0                        | 155     |     |           | Speed                | Ant 0+1    | 99.10      | 1.01         | 15.50                    | 15.47                          | 1.01           | -0.03            | 0.873                  | 0.89                 |
|                   | WLAN5.8G | 802.11ac VHT80  | Bottom        | 0                        | 155     |     |           | WNC                  | Ant 0+1    | 99.10      | 1.01         | 15.50                    | 15.47                          | 1.01           | 0.13             | 0.863                  | 0.88                 |
|                   | WLAN5.8G | 802.11ac VHT80  | Bottom        | 0                        | 155     |     |           | Speed                | Ant 0+1    | 99.10      | 1.01         | 15.50                    | 15.47                          | 1.01           | 0.04             | 0.867                  | 0.88                 |
|                   |          |                 |               |                          |         |     |           |                      |            |            |              |                          |                                |                |                  |                        |                      |
|                   | BT       | BDR             | Bottom        | 0                        | 39      |     |           | Speed                | Ant 1      | 76.70      | 1.30         | 11.00                    | 10.88                          | 1.03           | 0.03             | 0.13                   | 0.17                 |
|                   | BT       | BDR             | Bottom        | 0                        | 0       |     |           | Speed                | Ant 1      | 76.70      | 1.30         | 11.00                    | 10.74                          | 1.06           | 0.05             | 0.11                   | 0.15                 |
| 21                | BT       | BDR             | Bottom        | 0                        | 78      |     |           | Speed                | Ant 1      | 76.70      | 1.30         | 11.00                    | 10.85                          | 1.04           | 0.01             | 0.16                   | 0.22                 |
|                   | BT       | BDR             | Bottom        | 0                        | 78      |     |           | WNC                  | Ant 1      | 76.70      | 1.30         | 11.00                    | 10.85                          | 1.04           | 0.06             | 0.15                   | 0.20                 |



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| SAR and Power Density Test Result |        |                |               |                          |         |                      |            |               |            |              |                          |                                |                |                  |                        |                      |                                                   |                                                 |               |                         |                                            |                                   |                  |                                 |                                        |                                |                                       |
|-----------------------------------|--------|----------------|---------------|--------------------------|---------|----------------------|------------|---------------|------------|--------------|--------------------------|--------------------------------|----------------|------------------|------------------------|----------------------|---------------------------------------------------|-------------------------------------------------|---------------|-------------------------|--------------------------------------------|-----------------------------------|------------------|---------------------------------|----------------------------------------|--------------------------------|---------------------------------------|
| System & Position                 |        |                |               |                          |         | DUT Configuration    |            |               | SAR        |              |                          |                                |                |                  |                        |                      |                                                   | Power Density                                   |               |                         |                                            |                                   |                  |                                 |                                        |                                |                                       |
| Plot No.                          | Band   | Mode           | Test Position | Separation Distance (mm) | Channel | Antenna Manufacturer | Ant Status | Power Setting | 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        | 0                        | 15      | Speed                | Ant 0      | 10            | 97.60      | 1.02         | 10.00                    | 9.95                           | 1.01           | 0.12             | 0.356                  | 0.37                 | 2.25                                              | 2.32                                            | 0.0502        |                         |                                            | 4.00                              |                  |                                 |                                        |                                |                                       |
|                                   | UNII-5 | 802.11ax HE160 | Bottom        | 0                        | 15      | Speed                | Ant 1      | 10.375        | 97.00      | 1.03         | 10.00                    | 9.98                           | 1.00           | 0.03             | 0.358                  | 0.37                 | 2.26                                              | 2.33                                            | 0.0502        |                         |                                            | 4.00                              |                  |                                 |                                        |                                |                                       |
|                                   | UNII-5 | 802.11ax HE160 | Bottom        | 0                        | 15      | Speed                | Ant 0+1    | 10.375/10     | 98.70      | 1.01         | 13.00                    | 12.97                          | 1.01           | 0.09             | 0.529                  | 0.54                 | 3.34                                              | 3.41                                            | 0.0502        | 27.65                   | 1.545                                      | 4.00                              | -0.11            | 2.15                            | 3.35                                   | 3.16                           | 4.98                                  |
|                                   | UNII-5 | 802.11ax HE160 | Bottom        | 0                        | 47      | Speed                | Ant 0+1    | 10.375/10     | 98.70      | 1.01         | 13.00                    | 12.91                          | 1.02           | -0.09            | 0.325                  | 0.33                 | 2.05                                              | 2.11                                            | 0.0515        |                         |                                            | 4.00                              |                  |                                 |                                        |                                |                                       |
|                                   | UNII-5 | 802.11ax HE160 | Bottom        | 0                        | 79      | Speed                | Ant 0+1    | 9.75/9.5      | 98.70      | 1.01         | 13.00                    | 12.91                          | 1.02           | 0.16             | 0.334                  | 0.34                 | 2.11                                              | 2.17                                            | 0.0529        | 17.93                   | 1.545                                      | 4.00                              | 0.01             | 1.38                            | 2.15                                   | 1.97                           | 3.14                                  |
|                                   | UNII-6 | 802.11ax HE160 | Bottom        | 0                        | 111     | Speed                | Ant 0+1    | 9.75/8.875    | 98.70      | 1.01         | 13.00                    | 12.89                          | 1.03           | -0.08            | 0.397                  | 0.41                 | 2.5                                               | 2.6                                             | 0.0542        |                         |                                            | 4.00                              |                  |                                 |                                        |                                |                                       |
|                                   | UNII-7 | 802.11ax HE160 | Bottom        | 0                        | 143     | Speed                | Ant 0+1    | 9.125/8.875   | 98.70      | 1.01         | 13.00                    | 12.85                          | 1.04           | -0.02            | 0.446                  | 0.47                 | 2.81                                              | 2.95                                            | 0.0555        | 24.73                   | 1.545                                      | 4.00                              | -0.15            | 1.92                            | 3                                      | 2.68                           | 4.35                                  |
|                                   | UNII-7 | 802.11ax HE160 | Bottom        | 0                        | 175     | Speed                | Ant 0+1    | 9/8.875       | 98.70      | 1.01         | 13.00                    | 12.86                          | 1.03           | -0.16            | 0.5                    | 0.52                 | 3.15                                              | 3.28                                            | 0.0569        | 27.36                   | 1.545                                      | 4.00                              | 0.07             | 2.07                            | 3.23                                   | 2.96                           | 4.76                                  |
| 22                                | UNII-8 | 802.11ax HE160 | Bottom        | 0                        | 207     | Speed                | Ant 0+1    | 9/8.5         | 98.70      | 1.01         | 13.00                    | 12.89                          | 1.03           | 0.04             | 0.658                  | 0.68                 | 4.15                                              | 4.32                                            | 0.0582        | 35.90                   | 1.545                                      | 4.00                              | -0.18            | 2.78                            | 4.34                                   | 3.93                           | 6.32                                  |
|                                   | UNII-8 | 802.11ax HE160 | Bottom        | 0                        | 207     | WNC                  | Ant 0+1    | 9/8.5         | 98.70      | 1.01         | 13.00                    | 12.89                          | 1.03           | 0.05             | 0.629                  | 0.65                 | 3.97                                              | 4.13                                            | 0.0582        |                         |                                            | 4.00                              |                  |                                 |                                        |                                |                                       |

## 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 Exposure Condition |
|-----------------------------|---------------------------------|-------------------------|
| A                           | WWAN + WLAN 2.4G + BT           | Yes                     |
| B                           | WWAN + WLAN 5G + BT             | Yes                     |
| C                           | WWAN + WLAN 6G + BT             | Yes                     |

#### Notes

1. The WLAN 2.4G, 5G and 6G cannot transmit simultaneously.
2. The transmitter of WWAN is more than 20 cm from Bottom of Laptop, there is no requirement for that position to evaluate simultaneous transmission. Only the WLAN and BT transmitters required to evaluate simultaneous transmission.

| Simultaneous Transmission SAR Evaluation |                    |                  |                  |                |                               |                               |                               |
|------------------------------------------|--------------------|------------------|------------------|----------------|-------------------------------|-------------------------------|-------------------------------|
| Position                                 | 2                  | 3                | 4                | 5              | A ( 2+5 )                     | B ( 3+5 )                     | C ( 4+5 )                     |
|                                          | Max<br>WLAN 2.4GHz | Max<br>WLAN 5GHz | Max<br>WLAN 6GHz | Max<br>BT      | Summimg result<br>1g SAR W/kg | Summimg result<br>1g SAR W/kg | Summimg result<br>1g SAR W/kg |
|                                          | 1g SAR<br>W/kg     | 1g SAR<br>W/kg   | 1g SAR<br>W/kg   | 1g SAR<br>W/kg |                               |                               |                               |
| Bottom                                   | 0.77               | 0.89             | 0.68             | 0.22           | 0.99                          | 1.11                          | 0.90                          |

| Total Exposure Ratio |                                      |                |                            |
|----------------------|--------------------------------------|----------------|----------------------------|
| Position             | 4                                    | 5              | C ( 4+5 )                  |
|                      | Max<br>WLAN 6GHz                     | Max<br>BT      | Total<br>Exposure<br>Ratio |
|                      | 4cm <sup>2</sup><br>W/m <sup>2</sup> | 1g SAR<br>W/kg |                            |
| Bottom               | 6.32                                 | 0.22           | 0.77                       |