

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: 2022/12/04

S14 System Check_H2450_221204

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

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

Medium: H06T27N4_1204 Medium parameters used: $f = 2450$ MHz; $\sigma = 1.75$ S/m; $\epsilon_r = 41.623$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.2 °C ; Liquid Temperature : 21.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3971; ConvF(7.98, 7.98, 7.98) @ 2450 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 (81x81x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 4.15 W/kg

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

Reference Value = 47.84 V/m; Power Drift = -0.02 dB

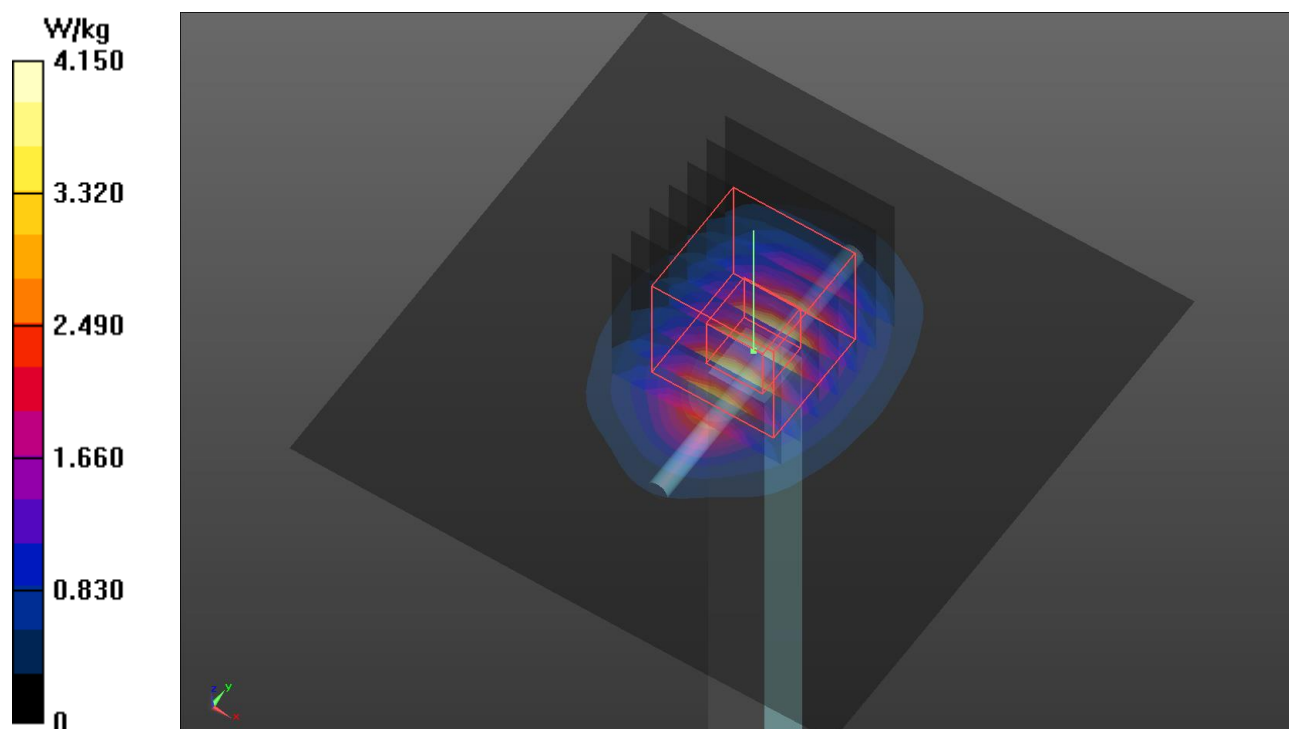
Peak SAR (extrapolated) = 5.19 W/kg

SAR(1 g) = 2.46 W/kg; SAR(10 g) = 1.13 W/kg (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 9 mm

Ratio of SAR at M2 to SAR at M1 = 46.4%

Maximum value of SAR (measured) = 4.08 W/kg



Plots of System Verification

Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab

Date: 2022/12/04

S15 System Check_H5250_221204

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

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

Medium: H51T72N4_1204 Medium parameters used: $f = 5250$ MHz; $\sigma = 4.566$ S/m; $\epsilon_r = 36.543$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.2 °C ; Liquid Temperature : 21.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3971; ConvF(5.1, 5.1, 5.1) @ 5250 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) = 9.19 W/kg

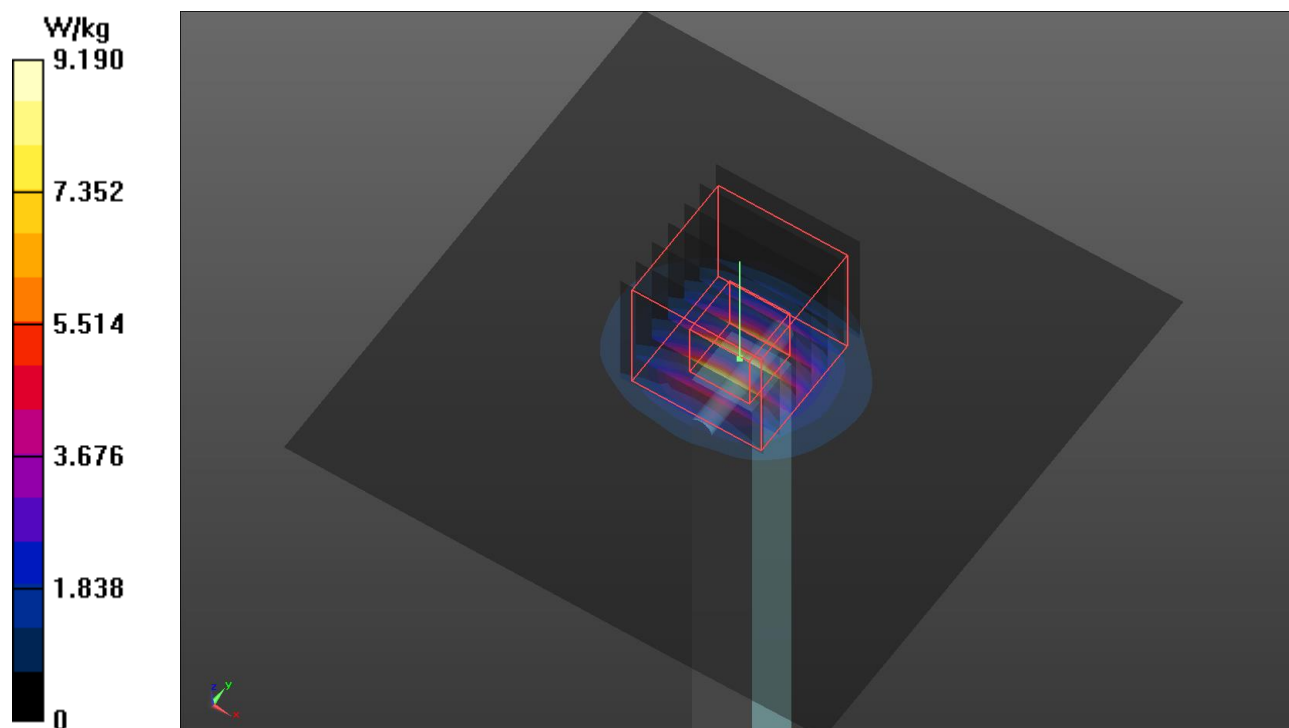
Pin=50mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=1.4$ mm

Reference Value = 49.58 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 16.2 W/kg

SAR(1 g) = 4.02 W/kg; SAR(10 g) = 1.16 W/kg (SAR corrected for target medium)

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



Plots of System Verification

Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab

Date: 2022/12/05

S16 System Check_H5600_221205

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

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

Medium: H51T72N6_1205 Medium parameters used: $f = 5600$ MHz; $\sigma = 4.799$ S/m; $\epsilon_r = 33.884$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.5 °C ; Liquid Temperature : 21.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7554; ConvF(4.61, 4.61, 4.61) @ 5600 MHz; Calibrated: 2022/7/28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1341; Calibrated: 2022/7/19
- Phantom: ELI Phantom_2105; Type: QD OVA 004 Ax; Serial: 2105
- 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) = 10.4 W/kg

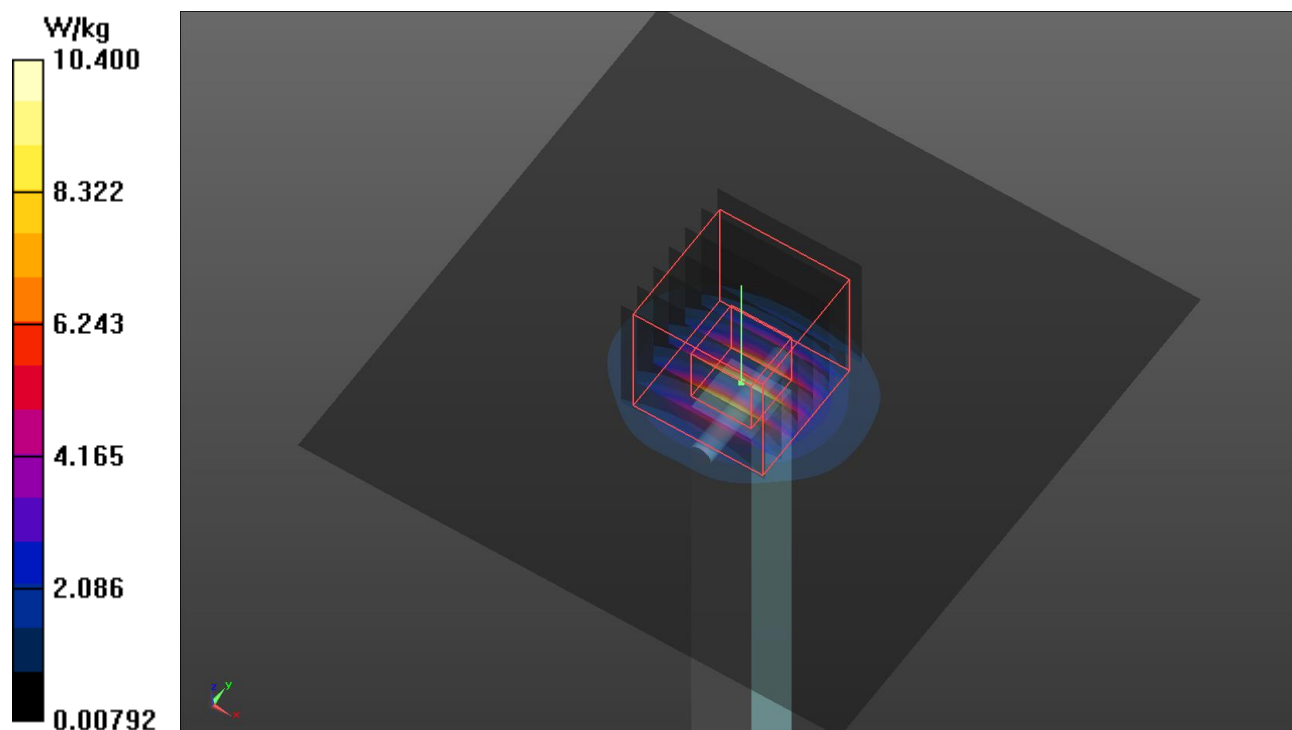
Pin=50mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 51.90 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 18.9 W/kg

SAR(1 g) = 4.28 W/kg; SAR(10 g) = 1.22 W/kg (SAR corrected for target medium)

Maximum value of SAR (measured) = 11.2 W/kg



Plots of System Verification

Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab

Date: 2022/12/05

S18 System Check_H5750_221205

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

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

Medium: H51T72N6_1205 Medium parameters used: $f = 5750$ MHz; $\sigma = 4.963$ S/m; $\epsilon_r = 33.644$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.5 °C ; Liquid Temperature : 21.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7554; ConvF(4.79, 4.79, 4.79) @ 5750 MHz; Calibrated: 2022/7/28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1341; Calibrated: 2022/7/19
- Phantom: ELI Phantom_2105; Type: QD OVA 004 Ax; Serial: 2105
- 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) = 8.74 W/kg

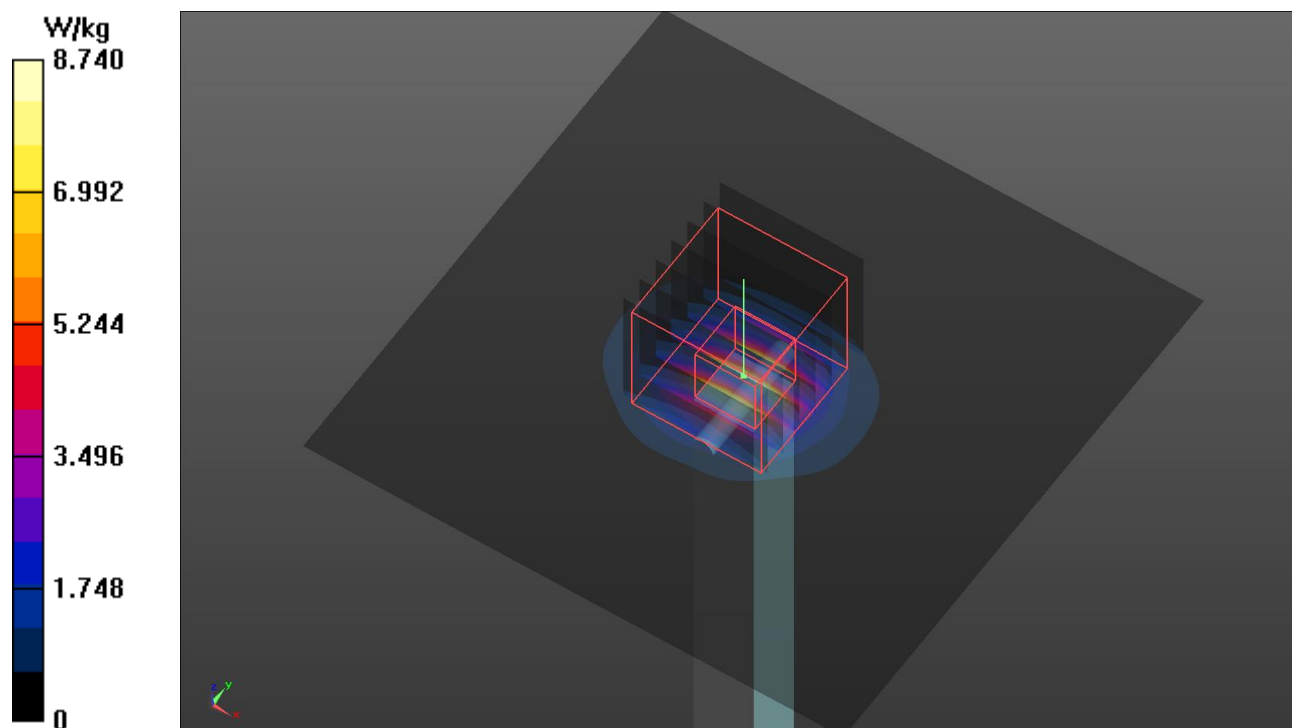
Pin=50mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=1.4$ mm

Reference Value = 47.27 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 16.4 W/kg

SAR(1 g) = 3.64 W/kg; SAR(10 g) = 1.05 W/kg (SAR corrected for target medium)

Maximum value of SAR (measured) = 9.47 W/kg



Plots of System Verification

Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab

Date: 2022/12/05

S19 System Check_H2450_221205

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

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

Medium: H06T27N6_1205 Medium parameters used: $f = 2450$ MHz; $\sigma = 1.805$ S/m; $\epsilon_r = 39.094$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.5 °C ; Liquid Temperature : 21.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7554; ConvF(7.5, 7.5, 7.5) @ 2450 MHz; Calibrated: 2022/7/28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1341; Calibrated: 2022/7/19
- Phantom: ELI Phantom_2105; Type: QD OVA 004 Ax; Serial: 2105
- 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) = 4.02 W/kg

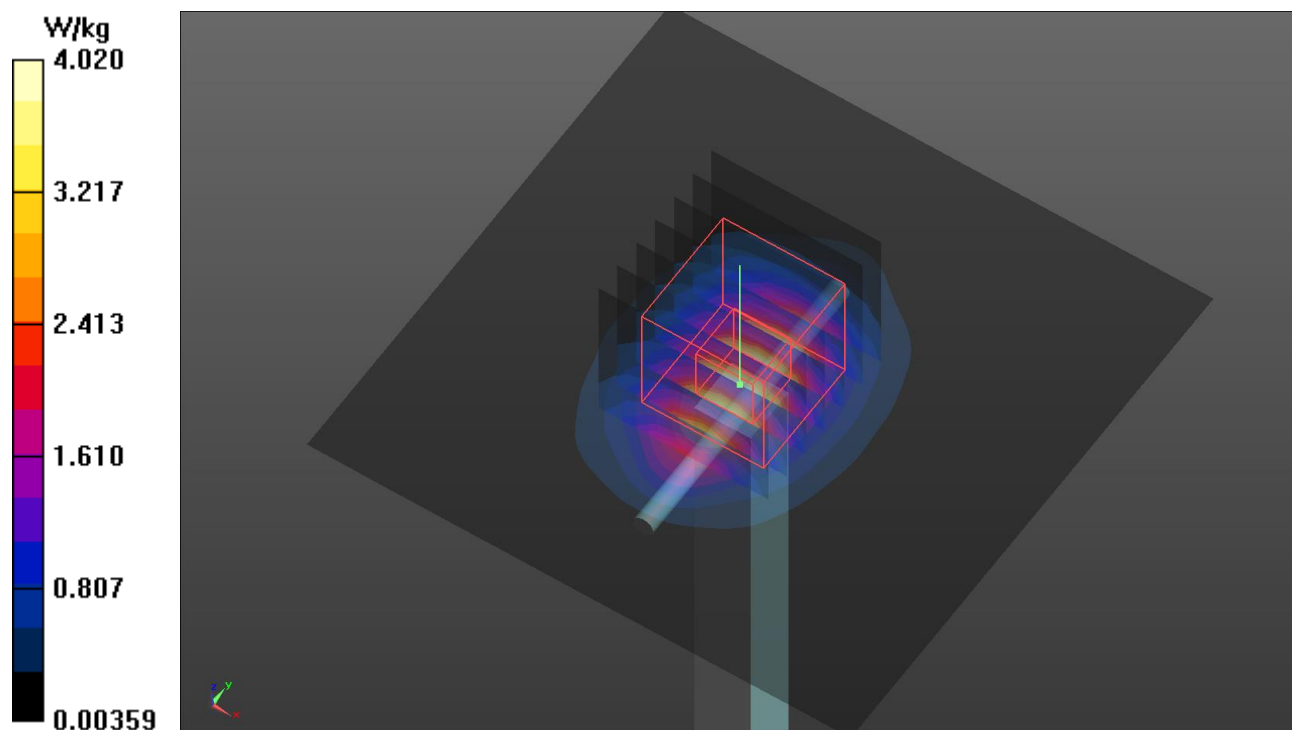
Pin=50mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 48.26 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 4.99 W/kg

SAR(1 g) = 2.41 W/kg; SAR(10 g) = 1.13 W/kg (SAR corrected for target medium)

Maximum value of SAR (measured) = 4.05 W/kg



Plots of System Verification

Measurement Report

S20 System Check_H6500_221205

Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
Dipole,	50.0 x 10.0 x 8.0		6500

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat,				6500.0	5.65	5.8	32.4

Hardware Setup

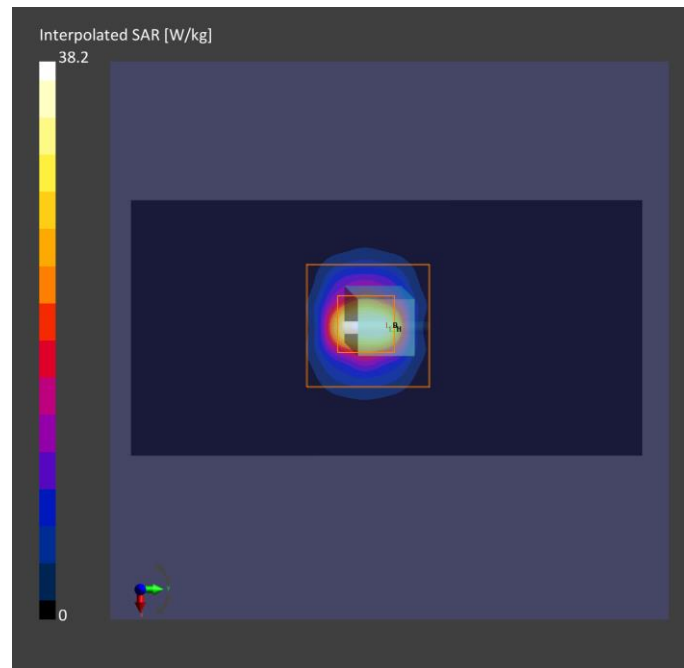
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V5.0 (20deg probe tilt) - 2105	H51T72N6, 2022-Dec-05	EX3DV4 - SN7554, 2022-07-28	DAE4 Sn1341, 2022-07-19

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 [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2022-12-05	2022-12-05
psSAR1g [W/kg]	25.5	29.4
psSAR10g [W/kg]	5.06	5.39
psAPD (1.0cm2, sq) [W/m2]		295
psAPD (4.0cm2, sq) [W/m2]		133
Power Drift [dB]	0.05	0.01
M2/M1 [%]		57.2
Dist 3dB Peak [mm]		8.1



Plots of System Verification

Measurement Report

S20 PD_System Check_10 GHz_2022.12.08

Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
5G Verification Source 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, 10	Validation band	CW, 0--	10000.0, 10000	1.0

Hardware Setup

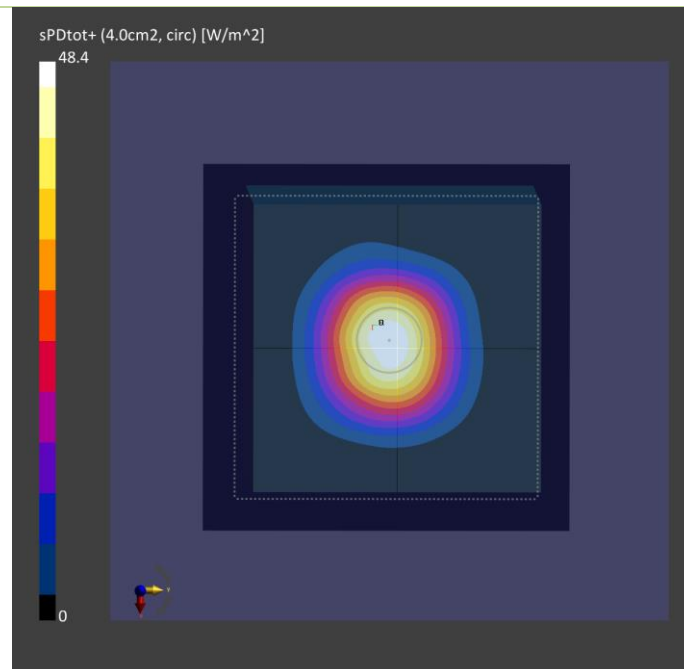
Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
mmWave- 1030	--Air--	EUmmWV4 - SN9438_F1-55GHz, 2022-07-18	DAE4 Sn1585, 2022-04-21

Scan Setup

	5G Scan
Grid Extents [mm]	120.0 x 120.0
Grid Steps [lambda]	0.25 x 0.25
Sensor Surface [mm]	5.55

Measurement Results

	5G Scan
Date	2022-12-08
Avg. Area [cm ²]	4.00
psPDn+ [W/m ²]	48.1
psPDtot+ [W/m ²]	48.4
psPDmod+ [W/m ²]	48.6
E _{max} [V/m]	141
Power Drift [dB]	-0.03



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: 2022/12/04

P14 WLAN2.4G_802.11n HT40_Bottom_0mm_Ch3_Antenna Manufacturer Speed_Ant 0+1

DUT: P22090620

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

Medium: H06T27N4_1204 Medium parameters used: $f = 2422$ MHz; $\sigma = 1.73$ S/m; $\epsilon_r = 41.665$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.2 °C ; Liquid Temperature : 21.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3971; ConvF(7.98, 7.98, 7.98) @ 2422 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 (71x291x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.510 W/kg

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

Reference Value = 17.40 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.942 W/kg

SAR(1 g) = 0.454 W/kg; SAR(10 g) = 0.202 W/kg (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 8.1 mm

Ratio of SAR at M2 to SAR at M1 = 47.8%

Maximum value of SAR (measured) = 0.731 W/kg

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

Reference Value = 17.40 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.701 W/kg

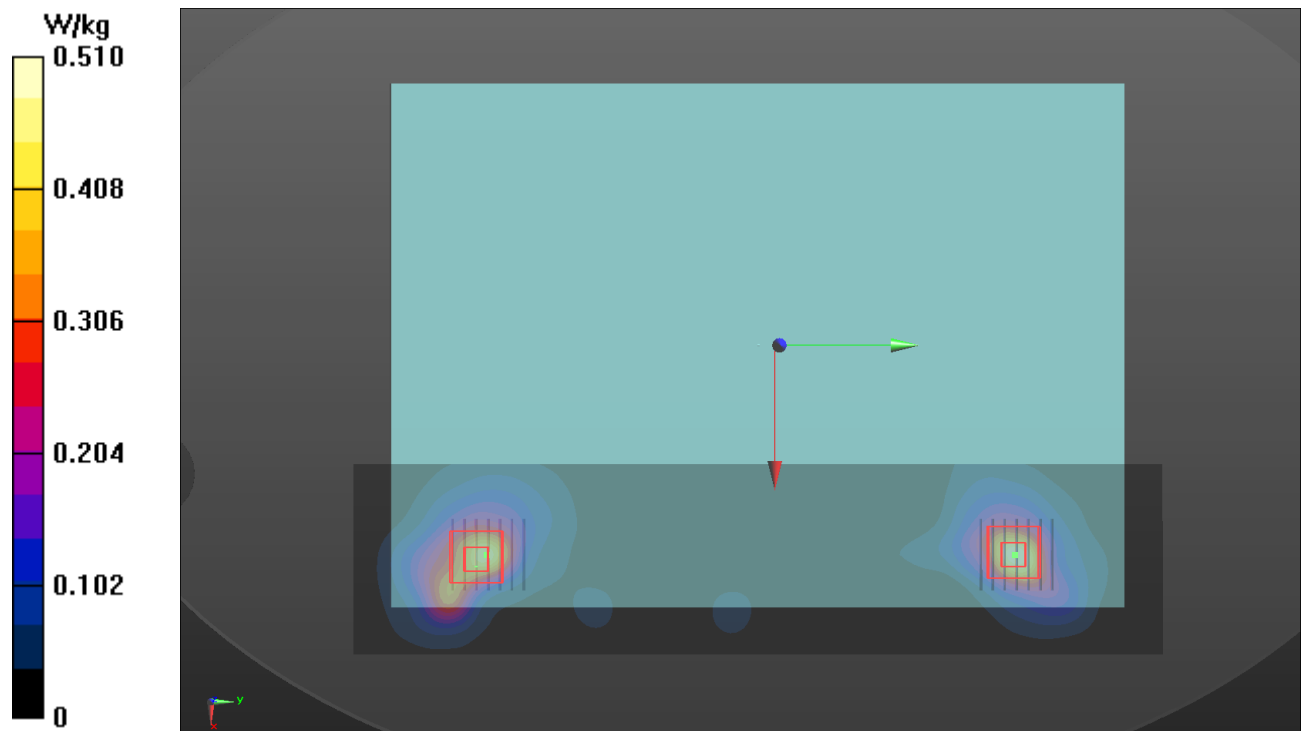
SAR(1 g) = 0.339 W/kg; SAR(10 g) = 0.158 W/kg (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 9.9 mm

Ratio of SAR at M2 to SAR at M1 = 48.3%

Maximum value of SAR (measured) = 0.551 W/kg

Plots of Measurement



Plots of Measurement

Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab

Date: 2022/12/04

P15 WLAN5.3G_802.11ac VHT160_Bottom_0mm_Ch50_Antenna Manufacturer Speed_Ant 0+1

DUT: P22090620

Communication System: UID 10554 - AAD, IEEE 802.11ac WiFi (160MHz, MCS0); Frequency: 5250 MHz; Duty Cycle: 1:1.02

Medium: H51T72N4_1204 Medium parameters used: $f = 5250$ MHz; $\sigma = 4.566$ S/m; $\epsilon_r = 36.543$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.2 °C ; Liquid Temperature : 21.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3971; ConvF(5.1, 5.1, 5.1) @ 5250 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 (81x341x1): Interpolated grid: $dx=1.000$ mm, $dy=1.000$ mm

Maximum value of SAR (interpolated) = 1.40 W/kg

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

Reference Value = 16.86 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 2.75 W/kg

SAR(1 g) = 0.758 W/kg; SAR(10 g) = 0.254 W/kg (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 8.4 mm

Ratio of SAR at M2 to SAR at M1 = 66.2%

Maximum value of SAR (measured) = 1.68 W/kg

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

Reference Value = 16.86 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 2.96 W/kg

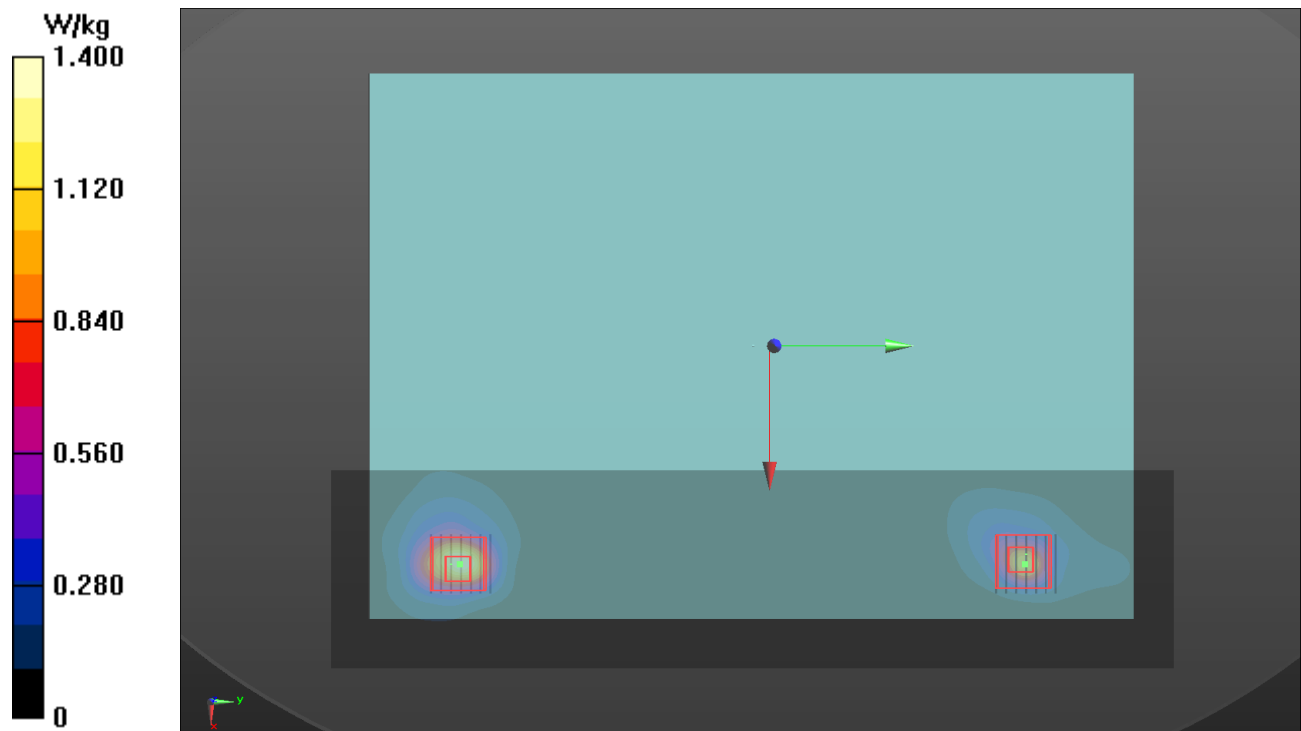
SAR(1 g) = 0.546 W/kg; SAR(10 g) = 0.161 W/kg (SAR corrected for target medium)

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

Ratio of SAR at M2 to SAR at M1 = 66.9%

Maximum value of SAR (measured) = 1.19 W/kg

Plots of Measurement



Plots of Measurement

Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab

Date: 2022/12/05

P16 WLAN5.6G_802.11ac VHT160_Bottom_0mm_Ch114_Antenna Manufacturer Speed_Ant 0+1

DUT: P22090620

Communication System: UID 10554 - AAD, IEEE 802.11ac WiFi (160MHz, MCS0); Frequency: 5570 MHz; Duty Cycle: 1:1.02

Medium: H51T72N6_1205 Medium parameters used: $f = 5570$ MHz; $\sigma = 4.766$ S/m; $\epsilon_r = 33.936$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.5 °C ; Liquid Temperature : 21.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7554; ConvF(4.61, 4.61, 4.61) @ 5570 MHz; Calibrated: 2022/7/28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1341; Calibrated: 2022/7/19
- Phantom: ELI Phantom_2105; Type: QD OVA 004 Ax; Serial: 2105
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Area Scan (81x341x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 2.17 W/kg

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

Reference Value = 23.73 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 4.76 W/kg

SAR(1 g) = 1.15 W/kg; SAR(10 g) = 0.377 W/kg (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 6.8 mm

Ratio of SAR at M2 to SAR at M1 = 63.7%

Maximum value of SAR (measured) = 2.84 W/kg

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

Reference Value = 23.73 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 4.17 W/kg

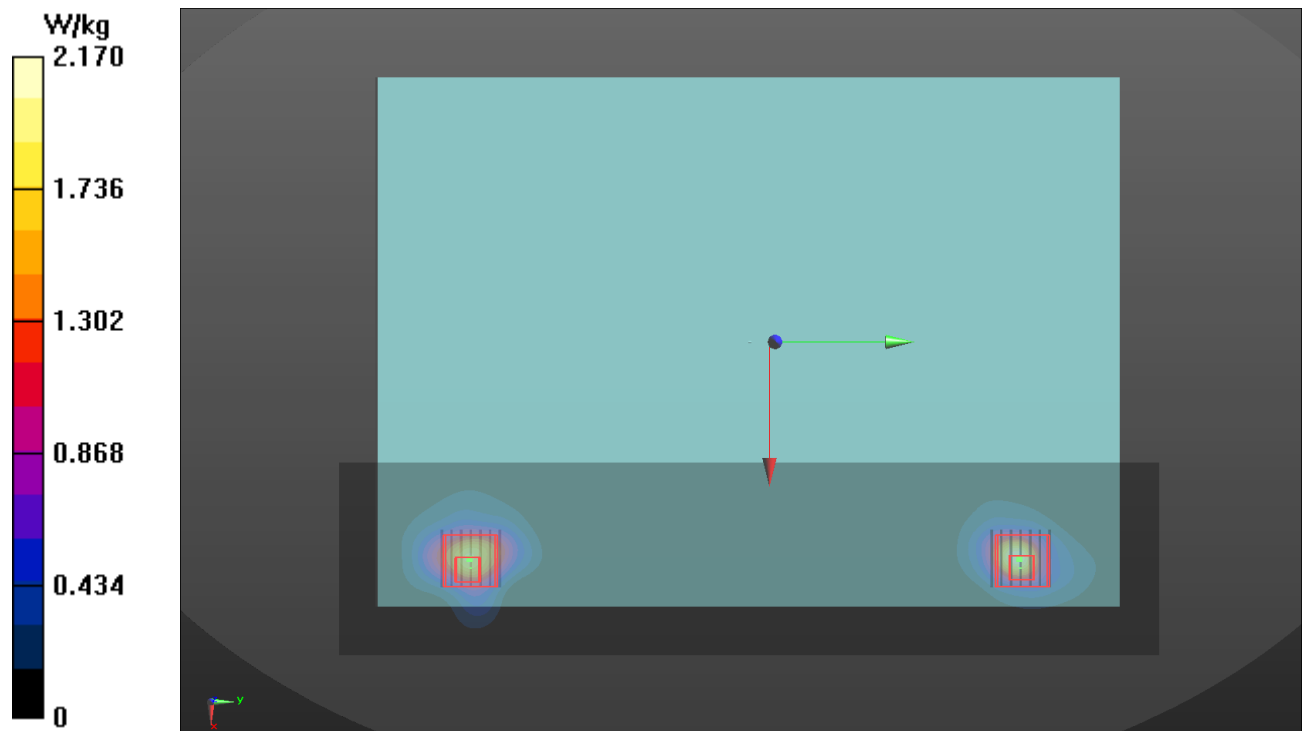
SAR(1 g) = 1.06 W/kg; SAR(10 g) = 0.346 W/kg (SAR corrected for target medium)

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

Ratio of SAR at M2 to SAR at M1 = 64.3%

Maximum value of SAR (measured) = 2.57 W/kg

Plots of Measurement



Plots of Measurement

Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab

Date: 2022/12/05

P18 WLAN5.8G_802.11ac VHT80_Bottom_0mm_Ch155_Antenna Manufacturer Speed_Ant 0+1

DUT: P22090620

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

Medium: H51T72N6_1205 Medium parameters used: $f = 5775$ MHz; $\sigma = 4.99$ S/m; $\epsilon_r = 33.605$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.5 °C ; Liquid Temperature : 21.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7554; ConvF(4.79, 4.79, 4.79) @ 5775 MHz; Calibrated: 2022/7/28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1341; Calibrated: 2022/7/19
- Phantom: ELI Phantom_2105; Type: QD OVA 004 Ax; Serial: 2105
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Area Scan (81x341x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 3.10 W/kg

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

Reference Value = 26.50 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 4.82 W/kg

SAR(1 g) = 1.17 W/kg; SAR(10 g) = 0.422 W/kg (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 8.4 mm

Ratio of SAR at M2 to SAR at M1 = 61.5%

Maximum value of SAR (measured) = 2.86 W/kg

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

Reference Value = 26.50 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 4.31 W/kg

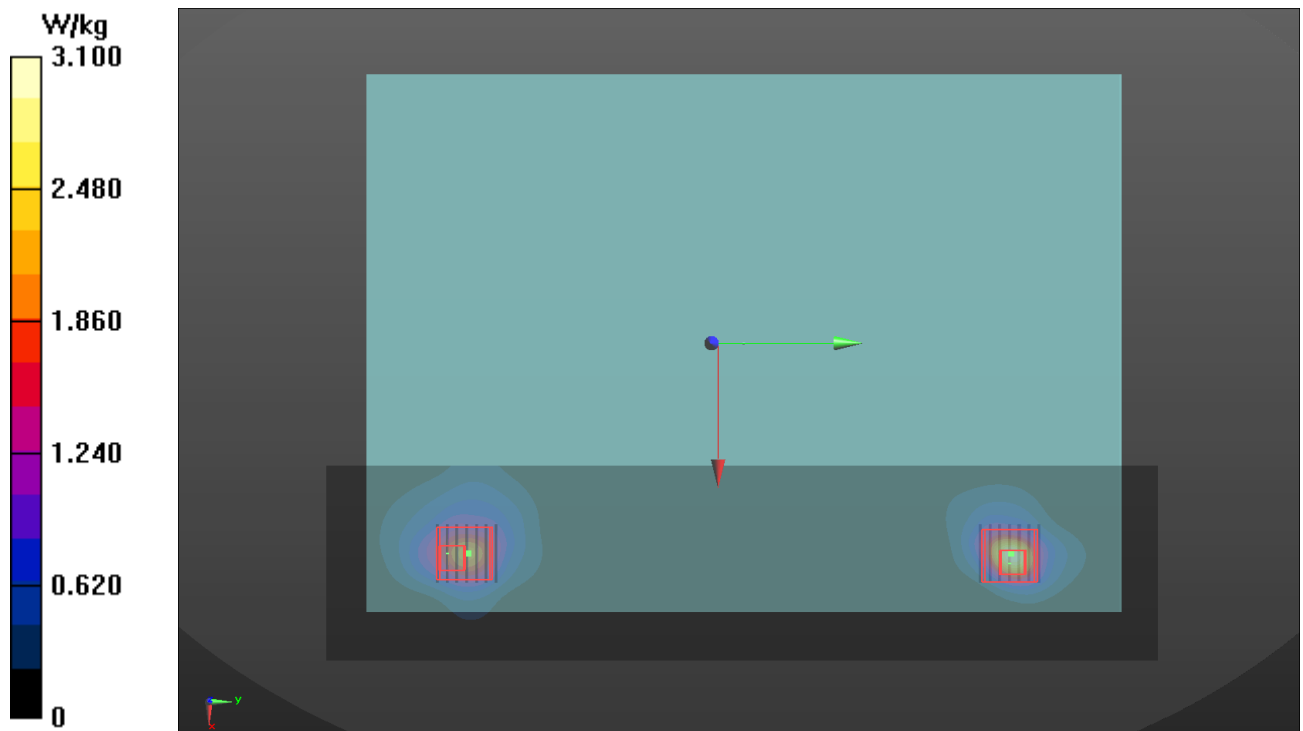
SAR(1 g) = 1.03 W/kg; SAR(10 g) = 0.359 W/kg (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 8.6 mm

Ratio of SAR at M2 to SAR at M1 = 62.2%

Maximum value of SAR (measured) = 2.44 W/kg

Plots of Measurement



Plots of Measurement

Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab

Date: 2022/12/05

P19 BT_BDR_Bottom_0mm_Ch78_Antenna Manufacturer Speed_Ant 1

DUT: P22090620

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

Medium: H06T27N6_1205 Medium parameters used: $f = 2480$ MHz; $\sigma = 1.828$ S/m; $\epsilon_r = 39.058$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.5 °C ; Liquid Temperature : 21.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7554; ConvF(7.5, 7.5, 7.5) @ 2480 MHz; Calibrated: 2022/7/28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1341; Calibrated: 2022/7/19
- Phantom: ELI Phantom_2105; Type: QD OVA 004 Ax; Serial: 2105
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Area Scan (71x291x1): Interpolated grid: $dx=1.200$ mm, $dy=1.200$ mm

Maximum value of SAR (interpolated) = 0.353 W/kg

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

Reference Value = 14.18 V/m; Power Drift = -0.04 dB

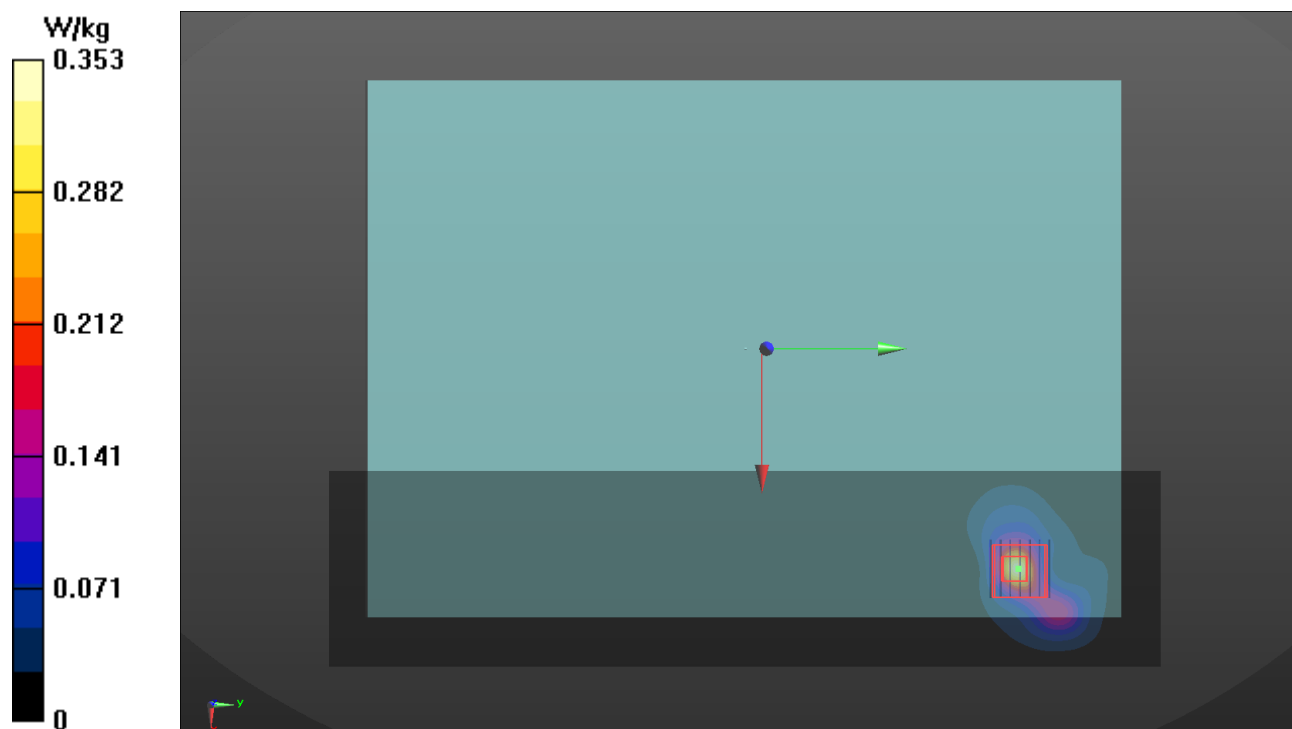
Peak SAR (extrapolated) = 0.427 W/kg

SAR(1 g) = 0.205 W/kg; SAR(10 g) = 0.092 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 = 82.3%

Maximum value of SAR (measured) = 0.336 W/kg



Plots of Measurement

Measurement Report

P20 WLAN6G_802.11HE ax160_Bottom_0mm_Ch79_Speed_Ant 0

Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
P22090620,	308.0 x 220.0 x 19.0		Laptop

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, HSL	Bottom, 0.00	U-NII-5	WLAN, 10755-AAC	6345.0, 79	5.65	5.63	32.7

Hardware Setup

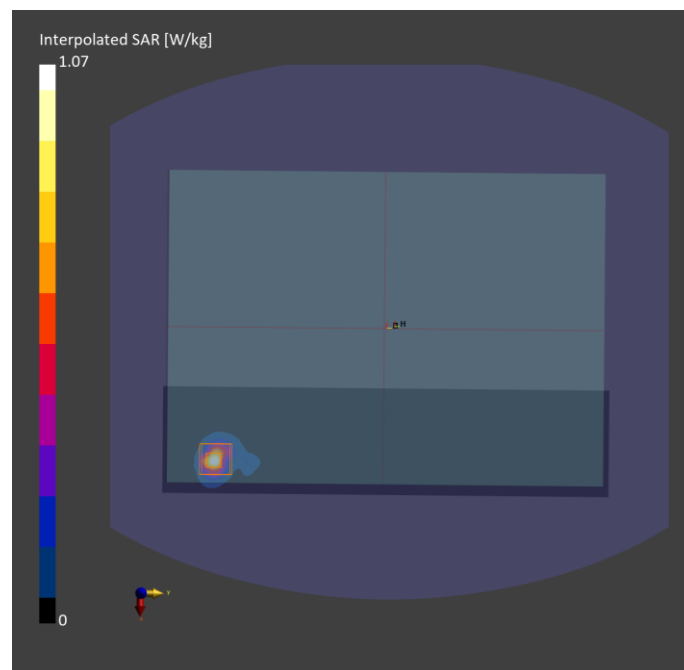
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V8.0 (20deg probe tilt) - 2105	H51T72N6, 2022-Dec-05	EX3DV4 - SN7554, 2022-07-28	DAE4 Sn1341, 2022-07-19

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	75.0 x 315.0	22.0 x 22.0 x 22.0
Grid Steps [mm]	7.5 x 7.5	3.4 x 3.4 x 1.4
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2022-12-05	2022-12-05
psSAR1g [W/kg]	0.702	0.856
psSAR10g [W/kg]	0.194	0.227
psAPD (1.0cm2, sq) [W/m2]		8.56
psAPD (4.0cm2, sq) [W/m2]		5.34
Power Drift [dB]	0.02	0.02
M2/M1 [%]		54.5
Dist 3dB Peak [mm]		5.8



Plots of Measurement

Measurement Report

P20 WLAN6G_802.11ax HE160_Bottom_0mm_Ch79_Antenna Manufacturer Speed_Ant 0

Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
P22090620	312.0 x 220.0 x 13.0		Laptop

Exposure Conditions

Phantom Section	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor
5G Air	Bottom, 0	U-NII-5	WLAN, 10755-AAC	6345.0, 79	1.0

Hardware Setup

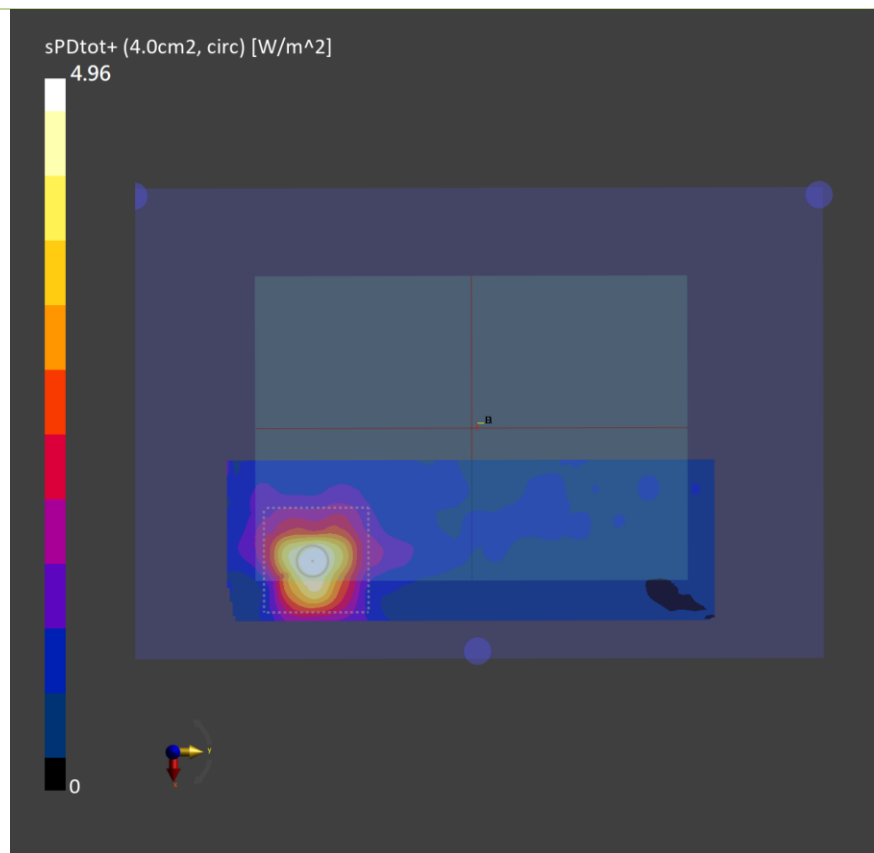
Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
mmWave- 1030	---Air	EUmmWV4 - SN9438_F1-55GHz, 2022-07-18	DAE4 Sn1585, 2022-04-21

Scan Setup

	5G Scan
Grid Extents [mm]	95.0 x 95.0
Grid Steps [lambda]	0.0529 x 0.0529
Sensor Surface [mm]	2.0
MAIA	Y

Measurement Results

	5G Scan
Date	2022-12-08
Avg. Area [cm ²]	4.00
psPDn+ [W/m ²]	3.25
psPDtot+ [W/m ²]	4.96
psPDmod+ [W/m ²]	5.81
E _{max} [V/m]	42.5
Power Drift [dB]	0.17



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 DC-HSDPA HSUPA
	Maximum Target Power	Maximum 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 Max Tune up	SISO Ant 1 Max Tune up	MIMO Ant 0 Tune up	MIMO Ant 1 Tune up	MIMO Ant 0+1 Max Tune up
802.11b	1	2412	14.0	14.0			
	6	2437	14.0	14.0			
	11	2462	14.0	14.0			
	12	2467	14.0	14.0			
	13	2472	14.0	14.0			
802.11g	1	2412	14.0	14.0			
	6	2437	14.0	14.0			
	11	2462	14.0	14.0			
	12	2467	14.0	14.0			
	13	2472	12.5	12.5			
802.11n HT20	1	2412	14.0	14.0	14.0	14.0	17.0
	6	2437	14.0	14.0	14.0	14.0	17.0
	11	2462	14.0	14.0	14.0	14.0	17.0
	12	2467	14.0	14.0	12.0	12.0	15.0
	13	2472	12.5	12.5	9.0	9.0	12.0
802.11n HT40	3	2422	14.0	14.0	14.0	14.0	17.0
	6	2437	14.0	14.0	14.0	14.0	17.0
	9	2452	14.0	14.0	14.0	14.0	17.0
	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	14.0	14.0	14.0	14.0	17.0
	6	2437	14.0	14.0	14.0	14.0	17.0
	11	2462	14.0	14.0	14.0	14.0	17.0
	12	2467	14.0	14.0	12.0	12.0	15.0
	13	2472	12.5	12.5	9.0	9.0	12.0
802.11ax HE40	3	2422	14.0	14.0	14.0	14.0	17.0
	6	2437	14.0	14.0	14.0	14.0	17.0
	9	2452	14.0	14.0	14.0	14.0	17.0
	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 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 Max Tune up	SISO Ant 1 Max Tune up	MIMO Ant 0 Tune up	MIMO Ant 1 Tune up	MIMO Ant 0+1 Max Tune up
802.11a	36	5180	12.0	12.0			
	40	5200	12.0	12.0			
	44	5220	12.0	12.0			
	48	5240	12.0	12.0			
802.11n HT20	36	5180	12.0	12.0	12.0	12.0	15.0
	40	5200	12.0	12.0	12.0	12.0	15.0
	44	5220	12.0	12.0	12.0	12.0	15.0
	48	5240	12.0	12.0	12.0	12.0	15.0
802.11n HT40	38	5190	12.0	12.0	12.0	12.0	15.0
	46	5230	12.0	12.0	12.0	12.0	15.0
802.11ac VHT80	42	5210	12.0	12.0	12.0	12.0	15.0
802.11ax HE20	36	5180	12.0	12.0	12.0	12.0	15.0
	40	5200	12.0	12.0	12.0	12.0	15.0
	44	5220	12.0	12.0	12.0	12.0	15.0
	48	5240	12.0	12.0	12.0	12.0	15.0
802.11ax HE40	38	5190	12.0	12.0	12.0	12.0	15.0
	46	5230	12.0	12.0	12.0	12.0	15.0
802.11ax HE80	42	5210	12.0	12.0	12.0	12.0	15.0

Tune-up Power in dBm							
WLAN 5.3GHz							
Mode	Channel	Frequency	SISO Ant 0 Max Tune up	SISO Ant 1 Max Tune up	MIMO Ant 0 Tune up	MIMO Ant 1 Tune up	MIMO Ant 0+1 Max Tune up
802.11a	52	5260	12.0	12.0			
	56	5280	12.0	12.0			
	60	5300	12.0	12.0			
	64	5320	12.0	12.0			
802.11n HT20	52	5260	12.0	12.0	12.0	12.0	15.0
	56	5280	12.0	12.0	12.0	12.0	15.0
	60	5300	12.0	12.0	12.0	12.0	15.0
	64	5320	12.0	12.0	12.0	12.0	15.0
802.11n HT40	54	5270	12.0	12.0	12.0	12.0	15.0
	62	5310	12.0	12.0	12.0	12.0	15.0
802.11ac VHT80	58	5290	12.0	12.0	12.0	12.0	15.0
802.11ac VHT160	50	5250	12.0	12.0	12.0	12.0	15.0
802.11ax HE20	52	5260	12.0	12.0	12.0	12.0	15.0
	56	5280	12.0	12.0	12.0	12.0	15.0
	60	5300	12.0	12.0	12.0	12.0	15.0
	64	5320	12.0	12.0	12.0	12.0	15.0
802.11ax HE40	54	5270	12.0	12.0	12.0	12.0	15.0
	62	5310	12.0	12.0	12.0	12.0	15.0
802.11ax HE80	58	5290	12.0	12.0	12.0	12.0	15.0
802.11ax HE160	50	5250	12.0	12.0	12.0	12.0	15.0

Tune-up Power in dBm							
WLAN 5.6GHz							
Mode	Channel	Frequency	SISO Ant 0 Max Tune up	SISO Ant 1 Max Tune up	MIMO Ant 0 Tune up	MIMO Ant 1 Tune up	MIMO Ant 0+1 Max Tune up
802.11a	100	5500	13.5	13.5			
	116	5580	13.5	13.5			
	120	5600	13.5	13.5			
	124	5620	13.5	13.5			
	132	5660	13.5	13.5			
	140	5700	13.5	13.5			
	144	5720	13.5	13.5			
802.11n HT20	100	5500	13.5	13.5	13.5	13.5	16.5
	116	5580	13.5	13.5	13.5	13.5	16.5
	120	5600	13.5	13.5	13.5	13.5	16.5
	124	5620	13.5	13.5	13.5	13.5	16.5
	132	5660	13.5	13.5	13.5	13.5	16.5
	140	5700	13.5	13.5	13.5	13.5	16.5
	144	5720	13.5	13.5	13.5	13.5	16.5
802.11n HT40	102	5510	13.5	13.5	13.5	13.5	16.5
	110	5550	13.5	13.5	13.5	13.5	16.5
	118	5590	13.5	13.5	13.5	13.5	16.5
	126	5630	13.5	13.5	13.5	13.5	16.5
	134	5670	13.5	13.5	13.5	13.5	16.5
	142	5710	13.5	13.5	13.5	13.5	16.5
802.11ac VHT80	106	5530	13.5	13.5	13.5	13.5	16.5
	122	5610	13.5	13.5	13.5	13.5	16.5
	138	5690	13.5	13.5	13.5	13.5	16.5
802.11ac VHT160	114	5570	13.5	13.5	13.5	13.5	16.5
802.11ax HE20	100	5500	13.5	13.5	13.5	13.5	16.5
	116	5580	13.5	13.5	13.5	13.5	16.5
	120	5600	13.5	13.5	13.5	13.5	16.5
	124	5620	13.5	13.5	13.5	13.5	16.5
	132	5660	13.5	13.5	13.5	13.5	16.5
	140	5700	13.5	13.5	13.5	13.5	16.5
	144	5720	13.5	13.5	13.5	13.5	16.5
802.11ax HE40	102	5510	13.5	13.5	13.5	13.5	16.5
	110	5550	13.5	13.5	13.5	13.5	16.5
	118	5590	13.5	13.5	13.5	13.5	16.5
	126	5630	13.5	13.5	13.5	13.5	16.5
	134	5670	13.5	13.5	13.5	13.5	16.5
	142	5710	13.5	13.5	13.5	13.5	16.5
802.11ax HE80	106	5530	13.5	13.5	13.5	13.5	16.5
	122	5610	13.5	13.5	13.5	13.5	16.5
	138	5690	13.5	13.5	13.5	13.5	16.5
802.11ax HE160	114	5570	13.5	13.5	13.5	13.5	16.5

Tune-up Power in dBm							
WLAN 5.8GHz							
Mode	Channel	Frequency	SISO Ant 0 Max Tune up	SISO Ant 1 Max Tune up	MIMO Ant 0 Tune up	MIMO Ant 1 Tune up	MIMO Ant 0+1 Max Tune up
802.11a	149	5745	14.0	14.0			
	153	5765	14.0	14.0			
	157	5785	14.0	14.0			
	161	5805	14.0	14.0			
	165	5825	14.0	14.0			
802.11n HT20	149	5745	14.0	14.0	14.0	14.0	17.0
	153	5765	14.0	14.0	14.0	14.0	17.0
	157	5785	14.0	14.0	14.0	14.0	17.0
	161	5805	14.0	14.0	14.0	14.0	17.0
	165	5825	14.0	14.0	14.0	14.0	17.0
802.11n HT40	151	5755	14.0	14.0	14.0	14.0	17.0
	159	5795	14.0	14.0	14.0	14.0	17.0
802.11ac VHT80	155	5775	14.0	14.0	14.0	14.0	17.0
802.11ax HE20	149	5745	14.0	14.0	14.0	14.0	17.0
	153	5765	14.0	14.0	14.0	14.0	17.0
	157	5785	14.0	14.0	14.0	14.0	17.0
	161	5805	14.0	14.0	14.0	14.0	17.0
	165	5825	14.0	14.0	14.0	14.0	17.0
802.11ax HE40	151	5755	14.0	14.0	14.0	14.0	17.0
	159	5795	14.0	14.0	14.0	14.0	17.0
802.11ax HE80	155	5775	14.0	14.0	14.0	14.0	17.0

Tune-up Power in dBm							
UNII-5							
Mode	Channel	Frequency	SISO Ant 0 Max Tune up	SISO Ant 1 Max Tune up	MIMO Ant 0 Tune up	MIMO Ant 1 Tune up	MIMO Ant 0+1 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
	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
802.11ax HE40	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
	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
802.11ax HE80	7	5985	10.0	10.0	7.0	7.0	10.0
	23	6065	10.0	10.0	7.0	7.0	10.0
	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
	87	6385	10.0	10.0	7.0	7.0	10.0
802.11ax HE160	15	6025	12.0	12.0	10.0	10.0	13.0
	47	6185	12.0	12.0	10.0	10.0	13.0
	79	6345	12.0	12.0	10.0	10.0	13.0

Tune-up Power in dBm							
UNII-6							
Mode	Channel	Frequency	SISO Ant 0 Max Tune up	SISO Ant 1 Max Tune up	MIMO Ant 0 Tune up	MIMO Ant 1 Tune up	MIMO Ant 0+1 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	12.0	12.0	10.0	10.0	13.0

Tune-up Power in dBm							
UNII-7							
Mode	Channel	Frequency	SISO Ant 0 Max Tune up	SISO Ant 1 Max Tune up	MIMO Ant 0 Tune up	MIMO Ant 1 Tune up	MIMO Ant 0+1 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	12.0	12.0	10.0	10.0	13.0
	175	6825	12.0	12.0	10.0	10.0	13.0

Tune-up Power in dBm							
UNII-8							
Mode	Channel	Frequency	SISO Ant 0 Max Tune up	SISO Ant 1 Max Tune up	MIMO Ant 0 Tune up	MIMO Ant 1 Tune up	MIMO Ant 0+1 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
802.11ax HE40	195	6925	8.0	8.0	5.0	5.0	8.0
	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
802.11ax HE80	199	6945	10.0	10.0	7.0	7.0	10.0
	215	7025	10.0	10.0	7.0	7.0	10.0
802.11ax HE160	207	6985	12.0	12.0	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	22.62	22.65	22.56	23.94	24.09	23.97	24.06	24.10	24.03
HSDPA Subtest-1	22.56	22.52	22.53	23.21	23.18	23.19	22.96	22.92	22.75
HSDPA Subtest-2	22.58	22.53	22.51	23.18	23.11	23.15	22.98	22.88	22.74
HSDPA Subtest-3	22.51	22.55	22.34	22.67	22.71	22.63	22.87	22.95	22.75
HSDPA Subtest-4	22.58	22.51	22.41	22.65	22.68	22.66	22.98	22.91	22.67
DC-HSDPA Subtest-1	22.55	22.60	22.53	22.67	22.56	22.53	22.71	22.65	22.61
DC-HSDPA Subtest-2	22.61	22.55	22.51	22.51	22.55	22.53	22.61	22.55	22.51
DC-HSDPA Subtest-3	22.01	22.36	22.20	23.21	23.22	23.17	23.40	23.36	23.20
DC-HSDPA Subtest-4	22.17	22.08	22.02	22.18	22.12	22.08	22.17	22.08	22.02
HSUPA Subtest-1	22.58	22.55	22.54	22.58	22.51	22.52	22.58	22.55	22.54
HSUPA Subtest-2	20.61	20.55	20.51	20.59	20.51	20.53	20.61	20.55	20.51
HSUPA Subtest-3	21.62	21.58	21.54	21.59	21.51	21.52	21.62	21.58	21.54
HSUPA Subtest-4	20.61	20.57	20.55	20.57	20.51	20.54	20.61	20.57	20.55
HSUPA Subtest-5	22.59	22.55	22.51	22.61	22.55	22.59	22.59	22.55	22.51
HSPA+ Subtest-1	20.12	20.09	20.05	20.07	20.01	20.03	20.12	20.09	20.05

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	22.09	22.22	22.07	0
		1	50	22.06	22.19	22.04	0
		1	99	22.03	22.16	22.01	0
		50	0	21.12	21.25	21.10	1
		50	25	21.09	21.22	21.07	1
		50	50	21.06	21.19	21.04	1
		100	0	21.14	21.27	21.12	1
20M	16QAM	1	0	21.39	21.52	21.37	1
		1	50	21.36	21.49	21.34	1
		1	99	21.30	21.43	21.28	1
		50	0	20.13	20.26	20.11	2
		50	25	20.06	20.19	20.04	2
		50	50	20.04	20.17	20.02	2
		100	0	20.17	20.30	20.15	2
20M	64QAM	1	0	20.38	20.51	20.36	2
		1	50	20.27	20.40	20.25	2
		1	99	20.24	20.37	20.22	2
		50	0	19.15	19.28	19.13	3
		50	25	19.10	19.23	19.08	3
		50	50	19.06	19.19	19.04	3
		100	0	19.17	19.30	19.15	3
		Channel		18675	18900	19125	3GPP MPR
		Frequency (MHz)		1857.5	1880	1902.5	
15M	QPSK	1	0	22.09	22.18	22.03	0
		1	37	22.07	22.11	22.08	0
		1	74	22.01	22.14	22.10	0
		36	0	21.06	21.23	21.03	1
		36	19	21.06	21.21	21.06	1
		36	39	21.06	21.11	21.05	1
		75	0	21.13	21.18	21.10	1
15M	16QAM	1	0	21.33	21.51	21.29	1
		1	37	21.36	21.41	21.33	1
		1	74	21.27	21.36	21.28	1
		36	0	20.11	20.24	20.02	2
		36	19	20.02	20.15	20.07	2
		36	39	20.01	20.15	20.09	2
		75	0	20.15	20.21	20.15	2
15M	64QAM	1	0	20.37	20.51	20.29	2
		1	37	20.22	20.31	20.25	2
		1	74	20.15	20.37	20.15	2
		36	0	19.14	19.25	19.13	3
		36	19	19.02	19.15	19.01	3
		36	39	19.10	19.15	19.09	3
		75	0	19.13	19.27	19.06	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	22.10	22.21	22.09	0
		1	24	22.03	22.11	22.07	0
		1	49	22.03	22.08	22.07	0
		25	0	21.08	21.15	21.06	1
		25	12	21.06	21.14	21.07	1
		25	25	21.04	21.16	21.04	1
		50	0	21.07	21.26	21.02	1
10M	16QAM	1	0	21.34	21.51	21.29	1
		1	24	21.36	21.48	21.34	1
		1	49	21.21	21.39	21.25	1
		25	0	20.07	20.17	20.04	2
		25	12	20.09	20.15	20.19	2
		25	25	20.06	20.08	20.16	2
		50	0	20.16	20.30	20.10	2
10M	64QAM	1	0	20.31	20.48	20.35	2
		1	24	20.22	20.33	20.16	2
		1	49	20.16	20.33	20.20	2
		25	0	19.06	19.26	19.12	3
		25	12	19.07	19.20	19.01	3
		25	25	19.10	19.17	19.04	3
		50	0	19.14	19.30	19.10	3
BW	MCS Index	Channel		18625	18900	19175	3GPP MPR
		Frequency (MHz)		1852.5	1880	1907.5	
5M	QPSK	1	0	22.06	22.17	22.05	0
		1	12	22.05	22.12	22.03	0
		1	24	22.10	22.08	22.06	0
		12	0	21.03	21.21	21.06	1
		12	6	21.07	21.21	21.07	1
		12	13	21.08	21.18	21.05	1
		25	0	21.13	21.24	21.06	1
5M	16QAM	1	0	21.29	21.52	21.30	1
		1	12	21.31	21.48	21.30	1
		1	24	21.21	21.40	21.26	1
		12	0	20.11	20.17	20.06	2
		12	6	20.09	20.18	20.02	2
		12	13	20.02	20.14	20.01	2
		25	0	20.14	20.22	20.10	2
5M	64QAM	1	0	20.32	20.43	20.36	2
		1	12	20.22	20.37	20.21	2
		1	24	20.18	20.37	20.16	2
		12	0	19.09	19.20	19.07	3
		12	6	19.01	19.16	19.09	3
		12	13	19.05	19.15	19.02	3
		25	0	19.16	19.20	19.06	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	22.02	22.14	22.02	0
		1	7	22.01	22.12	22.02	0
		1	14	22.03	22.13	22.06	0
		8	0	21.12	21.15	21.01	1
		8	3	21.03	21.20	21.07	1
		8	7	21.10	21.16	21.08	1
		15	0	21.13	21.25	21.10	1
3M	16QAM	1	0	21.31	21.46	21.27	1
		1	7	21.27	21.40	21.32	1
		1	14	21.26	21.42	21.21	1
		8	0	20.05	20.25	20.10	2
		8	3	20.06	20.19	20.08	2
		8	7	20.03	20.14	20.04	2
		15	0	20.09	20.29	20.08	2
3M	64QAM	1	0	20.36	20.42	20.32	2
		1	7	20.23	20.37	20.22	2
		1	14	20.20	20.29	20.20	2
		8	0	19.08	19.19	19.13	3
		8	3	19.04	19.13	19.06	3
		8	7	19.08	19.13	19.04	3
		15	0	19.08	19.23	19.08	3
BW	MCS Index	Channel		18607	18900	19193	3GPP MPR
		Frequency (MHz)		1850.7	1880	1909.3	
1.4M	QPSK	1	0	22.07	22.08	22.10	0
		1	2	22.01	22.01	22.09	0
		1	5	22.04	22.01	22.08	0
		3	0	22.04	22.14	22.02	0
		3	1	22.09	22.07	22.07	0
		3	3	22.03	22.05	22.03	0
		6	0	21.07	21.20	21.04	1
1.4M	16QAM	1	0	21.30	21.29	21.29	1
		1	2	21.16	21.42	21.22	1
		1	5	21.07	21.32	21.11	1
		3	0	21.06	21.10	21.01	1
		3	1	21.06	21.01	21.10	1
		3	3	21.09	21.06	21.05	1
		6	0	20.04	20.21	20.07	2
1.4M	64QAM	1	0	20.25	20.33	20.28	2
		1	2	20.10	20.30	20.07	2
		1	5	20.05	20.20	20.12	2
		3	0	20.04	20.25	20.05	2
		3	1	20.09	20.21	20.05	2
		3	3	20.07	20.03	20.10	2
		6	0	19.05	19.27	19.06	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	23.58	23.60	23.49	0
		1	50	23.55	23.57	23.46	0
		1	99	23.52	23.54	23.43	0
		50	0	22.61	22.63	22.52	1
		50	25	22.58	22.60	22.49	1
		50	50	22.55	22.57	22.46	1
		100	0	22.63	22.65	22.54	1
20M	16QAM	1	0	22.88	22.90	22.79	1
		1	50	22.85	22.87	22.76	1
		1	99	22.79	22.81	22.70	1
		50	0	21.62	21.64	21.53	2
		50	25	21.55	21.57	21.46	2
		50	50	21.53	21.55	21.44	2
		100	0	21.66	21.68	21.57	2
20M	64QAM	1	0	21.87	21.89	21.78	2
		1	50	21.76	21.78	21.67	2
		1	99	21.73	21.75	21.64	2
		50	0	20.64	20.66	20.55	3
		50	25	20.59	20.61	20.50	3
		50	50	20.55	20.57	20.46	3
		100	0	20.66	20.68	20.57	3
BW	MCS Index	Channel		20025	20175	20325	3GPP MPR
		Frequency (MHz)		1717.5	1732.5	1747.5	
15M	QPSK	1	0	23.54	23.56	23.47	0
		1	37	23.48	23.55	23.41	0
		1	74	23.44	23.52	23.38	0
		36	0	22.52	22.61	22.43	1
		36	19	22.50	22.51	22.45	1
		36	39	22.51	22.54	22.37	1
		75	0	22.55	22.56	22.48	1
15M	16QAM	1	0	22.87	22.85	22.79	1
		1	37	22.80	22.87	22.75	1
		1	74	22.69	22.71	22.67	1
		36	0	21.61	21.57	21.47	2
		36	19	21.52	21.54	21.37	2
		36	39	21.47	21.49	21.43	2
		75	0	21.65	21.65	21.56	2
15M	64QAM	1	0	21.82	21.81	21.75	2
		1	37	21.72	21.72	21.58	2
		1	74	21.73	21.65	21.54	2
		36	0	20.63	20.59	20.54	3
		36	19	20.57	20.58	20.45	3
		36	39	20.52	20.54	20.46	3
		75	0	20.62	20.59	20.53	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	23.56	23.50	23.42	0
		1	24	23.53	23.48	23.45	0
		1	49	23.44	23.53	23.36	0
		25	0	22.51	22.55	22.52	1
		25	12	22.58	22.50	22.39	1
		25	25	22.53	22.57	22.46	1
		50	0	22.55	22.61	22.51	1
10M	16QAM	1	0	22.87	22.82	22.78	1
		1	24	22.84	22.78	22.75	1
		1	49	22.74	22.75	22.70	1
		25	0	21.55	21.57	21.50	2
		25	12	21.53	21.50	21.46	2
		25	25	21.47	21.54	21.42	2
		50	0	21.57	21.67	21.54	2
10M	64QAM	1	0	21.77	21.89	21.76	2
		1	24	21.69	21.78	21.57	2
		1	49	21.72	21.73	21.56	2
		25	0	20.60	20.58	20.52	3
		25	12	20.56	20.59	20.47	3
		25	25	20.48	20.49	20.40	3
		50	0	20.60	20.63	20.50	3
BW	MCS Index	Channel		19975	20175	20375	3GPP MPR
		Frequency (MHz)		1712.5	1732.5	1752.5	
5M	QPSK	1	0	23.58	23.51	23.42	0
		1	12	23.53	23.52	23.39	0
		1	24	23.42	23.51	23.35	0
		12	0	22.58	22.60	22.49	1
		12	6	22.52	22.52	22.47	1
		12	13	22.54	22.55	22.36	1
		25	0	22.55	22.63	22.46	1
5M	16QAM	1	0	22.82	22.81	22.79	1
		1	12	22.76	22.83	22.76	1
		1	24	22.77	22.81	22.67	1
		12	0	21.60	21.59	21.48	2
		12	6	21.54	21.52	21.38	2
		12	13	21.53	21.45	21.42	2
		25	0	21.57	21.59	21.51	2
5M	64QAM	1	0	21.82	21.86	21.73	2
		1	12	21.68	21.77	21.61	2
		1	24	21.72	21.68	21.55	2
		12	0	20.64	20.62	20.54	3
		12	6	20.50	20.51	20.46	3
		12	13	20.49	20.49	20.42	3
		25	0	20.66	20.60	20.54	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	23.48	23.58	23.44	0
		1	7	23.51	23.55	23.41	0
		1	14	23.52	23.54	23.33	0
		8	0	22.51	22.55	22.51	1
		8	3	22.53	22.56	22.42	1
		8	7	22.54	22.51	22.42	1
		15	0	22.61	22.61	22.45	1
3M	16QAM	1	0	22.79	22.80	22.69	1
		1	7	22.84	22.82	22.75	1
		1	14	22.74	22.76	22.69	1
		8	0	21.57	21.59	21.47	2
		8	3	21.46	21.56	21.44	2
		8	7	21.51	21.49	21.42	2
		15	0	21.63	21.66	21.50	2
3M	64QAM	1	0	21.81	21.82	21.71	2
		1	7	21.74	21.76	21.65	2
		1	14	21.69	21.70	21.54	2
		8	0	20.56	20.60	20.48	3
		8	3	20.53	20.53	20.50	3
		8	7	20.55	20.50	20.46	3
		15	0	20.56	20.61	20.49	3
BW	MCS Index	Channel		19957	20175	20393	3GPP MPR
		Frequency (MHz)		1710.7	1732.5	1754.3	
1.4M	QPSK	1	0	23.58	23.59	23.46	0
		1	2	23.55	23.51	23.37	0
		1	5	23.52	23.52	23.33	0
		3	0	22.57	22.55	22.44	0
		3	1	22.52	22.50	22.47	0
		3	3	22.45	22.51	22.37	0
		6	0	22.63	22.65	22.50	1
1.4M	16QAM	1	0	22.83	22.87	22.73	1
		1	2	22.80	22.83	22.69	1
		1	5	22.69	22.71	22.68	1
		3	0	21.54	21.57	21.47	1
		3	1	21.50	21.57	21.38	1
		3	3	21.44	21.46	21.34	1
		6	0	21.58	21.65	21.55	2
1.4M	64QAM	1	0	21.82	21.88	21.73	2
		1	2	21.71	21.74	21.64	2
		1	5	21.68	21.70	21.60	2
		3	0	20.63	20.64	20.50	2
		3	1	20.57	20.52	20.44	2
		3	3	20.53	20.51	20.42	2
		6	0	20.56	20.59	20.48	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	23.32	23.46	23.29	0
		1	24	23.17	23.31	23.14	0
		1	49	23.11	23.25	23.08	0
		25	0	22.19	22.33	22.16	1
		25	12	22.11	22.25	22.08	1
		25	25	22.10	22.24	22.07	1
		50	0	22.12	22.26	22.09	1
10M	16QAM	1	0	22.44	22.58	22.41	1
		1	24	22.42	22.56	22.39	1
		1	49	22.35	22.49	22.32	1
		25	0	21.19	21.33	21.16	2
		25	12	21.11	21.25	21.08	2
		25	25	21.09	21.23	21.06	2
		50	0	21.10	21.24	21.07	2
10M	64QAM	1	0	21.40	21.54	21.37	2
		1	24	21.25	21.39	21.22	2
		1	49	21.17	21.31	21.14	2
		25	0	20.19	20.33	20.16	3
		25	12	20.12	20.26	20.09	3
		25	25	20.11	20.25	20.08	3
		50	0	20.15	20.29	20.12	3
BW	MCS Index	Channel		20425	20525	20625	3GPP MPR
		Frequency (MHz)		826.5	836.5	846.5	
5M	QPSK	1	0	23.26	23.41	23.21	0
		1	12	23.10	23.26	23.08	0
		1	24	23.05	23.15	23.08	0
		12	0	22.19	22.26	22.11	1
		12	6	22.05	22.18	22.08	1
		12	13	22.04	22.21	22.02	1
		25	0	22.10	22.24	22.06	1
5M	16QAM	1	0	22.35	22.48	22.33	1
		1	12	22.40	22.47	22.32	1
		1	24	22.27	22.46	22.25	1
		12	0	21.11	21.25	21.11	2
		12	6	21.06	21.17	21.00	2
		12	13	21.06	21.23	20.96	2
		25	0	21.04	21.14	21.00	2
5M	64QAM	1	0	21.36	21.45	21.30	2
		1	12	21.17	21.35	21.21	2
		1	24	21.13	21.22	21.09	2
		12	0	20.18	20.28	20.09	3
		12	6	20.06	20.19	20.00	3
		12	13	20.06	20.25	20.02	3
		25	0	20.06	20.25	20.06	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	23.29	23.38	23.19	0
		1	7	23.09	23.27	23.10	0
		1	14	23.05	23.21	23.08	0
		8	0	22.18	22.31	22.10	1
		8	3	22.10	22.22	22.06	1
		8	7	22.06	22.19	22.04	1
		15	0	22.06	22.24	21.99	1
3M	16QAM	1	0	22.39	22.52	22.34	1
		1	7	22.40	22.54	22.30	1
		1	14	22.26	22.49	22.22	1
		8	0	21.16	21.30	21.10	2
		8	3	21.04	21.18	21.01	2
		8	7	21.00	21.23	21.01	2
		15	0	21.08	21.21	20.97	2
3M	64QAM	1	0	21.38	21.51	21.29	2
		1	7	21.21	21.37	21.21	2
		1	14	21.15	21.29	21.09	2
		8	0	20.13	20.31	20.10	3
		8	3	20.04	20.25	20.06	3
		8	7	20.11	20.20	20.07	3
		15	0	20.07	20.21	20.08	3
BW	MCS Index	Channel		20407	20525	20643	3GPP MPR
		Frequency (MHz)		824.7	836.5	848.3	
1.4M	QPSK	1	0	23.23	23.40	23.26	0
		1	2	23.12	23.23	23.13	0
		1	5	23.09	23.19	23.06	0
		3	0	22.18	22.23	22.15	0
		3	1	22.01	22.16	22.01	0
		3	3	22.08	22.16	22.06	0
		6	0	22.07	22.23	22.04	1
1.4M	16QAM	1	0	22.43	22.56	22.40	1
		1	2	22.32	22.48	22.36	1
		1	5	22.34	22.47	22.32	1
		3	0	21.17	21.28	21.14	1
		3	1	21.09	21.25	21.02	1
		3	3	21.01	21.16	21.05	1
		6	0	21.08	21.15	21.01	2
1.4M	64QAM	1	0	21.39	21.53	21.36	2
		1	2	21.24	21.37	21.13	2
		1	5	21.12	21.22	21.13	2
		3	0	20.13	20.30	20.06	2
		3	1	20.10	20.22	20.07	2
		3	3	20.11	20.18	20.04	2
		6	0	20.09	20.28	20.11	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	23.36	23.41	23.32	0
		1	50	23.28	23.33	23.24	0
		1	99	23.13	23.18	23.09	0
		50	0	22.42	22.47	22.38	1
		50	25	22.28	22.33	22.24	1
		50	50	22.25	22.30	22.21	1
		100	0	22.27	22.32	22.23	1
20M	16QAM	1	0	22.88	22.93	22.84	1
		1	50	22.64	22.69	22.60	1
		1	99	22.43	22.48	22.39	1
		50	0	21.49	21.54	21.45	2
		50	25	21.33	21.38	21.29	2
		50	50	21.30	21.35	21.26	2
		100	0	21.32	21.37	21.28	2
20M	64QAM	1	0	21.68	21.73	21.64	2
		1	50	21.62	21.67	21.58	2
		1	99	21.48	21.53	21.44	2
		50	0	20.45	20.50	20.41	3
		50	25	20.32	20.37	20.28	3
		50	50	20.27	20.32	20.23	3
		100	0	20.33	20.38	20.29	3
BW	MCS Index	Channel		20825	21100	21375	3GPP MPR
		Frequency (MHz)		2507.5	2535	2562.5	
15M	QPSK	1	0	23.27	23.40	23.28	0
		1	37	23.19	23.27	23.24	0
		1	74	23.10	23.09	22.99	0
		36	0	22.41	22.45	22.32	1
		36	19	22.25	22.26	22.14	1
		36	39	22.17	22.29	22.21	1
		75	0	22.25	22.28	22.19	1
15M	16QAM	1	0	22.87	22.93	22.76	1
		1	37	22.56	22.65	22.55	1
		1	74	22.42	22.41	22.36	1
		36	0	21.47	21.46	21.39	2
		36	19	21.29	21.34	21.29	2
		36	39	21.28	21.34	21.22	2
		75	0	21.31	21.34	21.25	2
15M	64QAM	1	0	21.60	21.72	21.64	2
		1	37	21.62	21.62	21.58	2
		1	74	21.40	21.49	21.37	2
		36	0	20.45	20.49	20.38	3
		36	19	20.26	20.35	20.27	3
		36	39	20.24	20.23	20.17	3
		75	0	20.33	20.33	20.23	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	23.26	23.33	23.24	0
		1	24	23.27	23.33	23.17	0
		1	49	23.11	23.08	23.04	0
		25	0	22.40	22.45	22.28	1
		25	12	22.18	22.26	22.16	1
		25	25	22.15	22.26	22.16	1
		50	0	22.18	22.23	22.16	1
10M	16QAM	1	0	22.80	22.92	22.84	1
		1	24	22.56	22.67	22.54	1
		1	49	22.34	22.40	22.29	1
		25	0	21.45	21.54	21.40	2
		25	12	21.32	21.34	21.27	2
		25	25	21.27	21.31	21.23	2
		50	0	21.23	21.28	21.28	2
10M	64QAM	1	0	21.63	21.64	21.55	2
		1	24	21.61	21.67	21.51	2
		1	49	21.45	21.44	21.38	2
		25	0	20.39	20.43	20.39	3
		25	12	20.27	20.30	20.21	3
		25	25	20.20	20.32	20.14	3
		50	0	20.23	20.29	20.23	3
BW	MCS Index	Channel		20775	21100	21425	3GPP MPR
		Frequency (MHz)		2502.5	2535	2567.5	
5M	QPSK	1	0	23.27	23.34	23.29	0
		1	12	23.26	23.25	23.18	0
		1	24	23.05	23.13	23.06	0
		12	0	22.41	22.45	22.30	1
		12	6	22.27	22.30	22.16	1
		12	13	22.19	22.26	22.17	1
		25	0	22.18	22.22	22.13	1
5M	16QAM	1	0	22.83	22.87	22.76	1
		1	12	22.62	22.69	22.50	1
		1	24	22.43	22.48	22.32	1
		12	0	21.43	21.49	21.38	2
		12	6	21.25	21.33	21.22	2
		12	13	21.29	21.26	21.26	2
		25	0	21.29	21.33	21.18	2
5M	64QAM	1	0	21.62	21.64	21.56	2
		1	12	21.57	21.58	21.52	2
		1	24	21.40	21.43	21.43	2
		12	0	20.41	20.40	20.32	3
		12	6	20.32	20.37	20.25	3
		12	13	20.26	20.30	20.18	3
		25	0	20.26	20.29	20.23	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	23.27	23.44	23.39	0
		1	24	23.12	23.29	23.24	0
		1	49	23.06	23.23	23.18	0
		25	0	22.14	22.31	22.26	1
		25	12	22.06	22.23	22.18	1
		25	25	22.05	22.22	22.17	1
		50	0	22.07	22.24	22.19	1
10M	16QAM	1	0	22.39	22.56	22.51	1
		1	24	22.37	22.54	22.49	1
		1	49	22.30	22.47	22.42	1
		25	0	21.14	21.31	21.26	2
		25	12	21.06	21.23	21.18	2
		25	25	21.04	21.21	21.16	2
		50	0	21.05	21.22	21.17	2
10M	64QAM	1	0	21.35	21.52	21.47	2
		1	24	21.20	21.37	21.32	2
		1	49	21.12	21.29	21.24	2
		25	0	20.14	20.31	20.26	3
		25	12	20.07	20.24	20.19	3
		25	25	20.06	20.23	20.18	3
		50	0	20.10	20.27	20.22	3
BW	MCS Index	Channel		23035	23095	23155	3GPP MPR
		Frequency (MHz)		701.5	707.5	713.5	
5M	QPSK	1	0	23.21	23.38	23.33	0
		1	12	23.05	23.24	23.23	0
		1	24	23.04	23.21	23.09	0
		12	0	22.08	22.25	22.23	1
		12	6	22.02	22.17	22.11	1
		12	13	22.03	22.12	22.07	1
		25	0	22.03	22.19	22.16	1
5M	16QAM	1	0	22.34	22.56	22.48	1
		1	12	22.32	22.48	22.47	1
		1	24	22.22	22.43	22.34	1
		12	0	21.10	21.21	21.19	2
		12	6	20.97	21.19	21.08	2
		12	13	21.03	21.19	21.16	2
		25	0	21.05	21.19	21.09	2
5M	64QAM	1	0	21.35	21.51	21.39	2
		1	12	21.10	21.33	21.32	2
		1	24	21.03	21.20	21.22	2
		12	0	20.13	20.30	20.23	3
		12	6	20.03	20.24	20.18	3
		12	13	19.99	20.14	20.16	3
		25	0	20.04	20.25	20.13	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	23.27	23.41	23.34	0
		1	7	23.05	23.21	23.20	0
		1	14	23.04	23.20	23.13	0
		8	0	22.09	22.28	22.16	1
		8	3	21.99	22.23	22.18	1
		8	7	21.95	22.22	22.17	1
		15	0	21.99	22.14	22.19	1
3M	16QAM	1	0	22.36	22.47	22.41	1
		1	7	22.27	22.54	22.45	1
		1	14	22.21	22.47	22.36	1
		8	0	21.07	21.28	21.16	2
		8	3	21.02	21.22	21.10	2
		8	7	21.03	21.15	21.15	2
		15	0	20.95	21.14	21.12	2
3M	64QAM	1	0	21.28	21.49	21.42	2
		1	7	21.12	21.36	21.31	2
		1	14	21.05	21.28	21.18	2
		8	0	20.11	20.29	20.17	3
		8	3	20.02	20.20	20.11	3
		8	7	19.98	20.23	20.11	3
		15	0	20.07	20.25	20.18	3
BW	MCS Index	Channel		23017	23095	23173	3GPP MPR
		Frequency (MHz)		699.7	707.5	715.3	
1.4M	QPSK	1	0	23.22	23.30	23.20	0
		1	2	22.96	23.10	23.06	0
		1	5	22.90	23.06	23.02	0
		3	0	22.97	23.22	23.15	0
		3	1	22.89	23.07	23.10	0
		3	3	22.88	23.00	23.12	0
		6	0	21.99	22.05	22.08	1
1.4M	16QAM	1	0	22.21	22.42	22.38	1
		1	2	22.23	22.37	22.42	1
		1	5	22.19	22.31	22.33	1
		3	0	22.11	22.15	22.17	1
		3	1	21.94	22.07	22.14	1
		3	3	21.90	22.01	22.01	1
		6	0	20.91	21.10	21.02	2
1.4M	64QAM	1	0	21.19	21.40	21.32	2
		1	2	21.16	21.26	21.26	2
		1	5	20.89	21.28	21.16	2
		3	0	20.94	21.24	21.05	2
		3	1	21.02	21.08	21.09	2
		3	3	20.90	21.03	20.99	2
		6	0	19.95	20.07	20.07	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		23.39		0
		1	24		23.24		0
		1	49		23.18		0
		25	0		22.26		1
		25	12		22.18		1
		25	25		22.17		1
		50	0		22.19		1
10M	16QAM	1	0		22.51		1
		1	24		22.49		1
		1	49		22.42		1
		25	0		21.26		2
		25	12		21.18		2
		25	25		21.16		2
		50	0		21.17		2
10M	64QAM	1	0		21.47		2
		1	24		21.32		2
		1	49		21.24		2
		25	0		20.26		3
		25	12		20.19		3
		25	25		20.18		3
		50	0		20.22		3
BW	MCS Index	Channel		23205	23230	23255	3GPP MPR
		Frequency (MHz)		779.5	782	784.5	
5M	QPSK	1	0	23.36	23.35	23.38	0
		1	12	23.19	23.20	23.16	0
		1	24	23.13	23.15	23.15	0
		12	0	22.25	22.25	22.22	1
		12	6	22.16	22.16	22.10	1
		12	13	22.16	22.14	22.09	1
		25	0	22.16	22.14	22.17	1
5M	16QAM	1	0	22.41	22.45	22.48	1
		1	12	22.46	22.46	22.43	1
		1	24	22.39	22.39	22.39	1
		12	0	21.21	21.17	21.16	2
		12	6	21.14	21.16	21.18	2
		12	13	21.08	21.13	21.07	2
		25	0	21.07	21.15	21.17	2
5M	64QAM	1	0	21.39	21.47	21.37	2
		1	12	21.31	21.31	21.22	2
		1	24	21.22	21.19	21.18	2
		12	0	20.21	20.24	20.24	3
		12	6	20.12	20.13	20.19	3
		12	13	20.11	20.17	20.15	3
		25	0	20.20	20.21	20.14	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		23.36		0
		1	24		23.21		0
		1	49		23.15		0
		25	0		22.23		1
		25	12		22.15		1
		25	25		22.14		1
		50	0		22.16		1
10M	16QAM	1	0		22.48		1
		1	24		22.46		1
		1	49		22.39		1
		25	0		21.23		2
		25	12		21.15		2
		25	25		21.13		2
		50	0		21.14		2
10M	64QAM	1	0		21.44		2
		1	24		21.29		2
		1	49		21.21		2
		25	0		20.23		3
		25	12		20.16		3
		25	25		20.15		3
		50	0		20.19		3
BW	MCS Index	Channel		23305	23330	23355	3GPP MPR
		Frequency (MHz)		790.5	793	795.5	
5M	QPSK	1	0	23.35	23.35	23.34	0
		1	12	23.12	23.19	23.11	0
		1	24	23.13	23.12	23.14	0
		12	0	22.15	22.21	22.20	1
		12	6	22.05	22.14	22.05	1
		12	13	22.09	22.05	22.10	1
		25	0	22.06	22.10	22.10	1
5M	16QAM	1	0	22.46	22.43	22.44	1
		1	12	22.36	22.41	22.40	1
		1	24	22.29	22.32	22.35	1
		12	0	21.14	21.14	21.13	2
		12	6	21.05	21.06	21.06	2
		12	13	21.11	21.12	21.06	2
		25	0	21.13	21.05	21.14	2
5M	64QAM	1	0	21.37	21.44	21.41	2
		1	12	21.19	21.20	21.21	2
		1	24	21.13	21.12	21.20	2
		12	0	20.15	20.21	20.19	3
		12	6	20.16	20.12	20.06	3
		12	13	20.05	20.10	20.10	3
		25	0	20.14	20.14	20.19	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	23.46	23.50	23.39	0
		1	24	23.31	23.35	23.24	0
		1	49	23.25	23.29	23.18	0
		25	0	22.33	22.37	22.26	1
		25	12	22.25	22.29	22.18	1
		25	25	22.24	22.28	22.17	1
		50	0	22.26	22.30	22.19	1
10M	16QAM	1	0	22.58	22.62	22.51	1
		1	24	22.56	22.60	22.49	1
		1	49	22.49	22.53	22.42	1
		25	0	21.33	21.37	21.26	2
		25	12	21.25	21.29	21.18	2
		25	25	21.23	21.27	21.16	2
		50	0	21.24	21.28	21.17	2
10M	64QAM	1	0	21.54	21.58	21.47	2
		1	24	21.39	21.43	21.32	2
		1	49	21.31	21.35	21.24	2
		25	0	20.33	20.37	20.26	3
		25	12	20.26	20.30	20.19	3
		25	25	20.25	20.29	20.18	3
		50	0	20.29	20.33	20.22	3
BW	MCS Index	Channel		23755	23790	23825	3GPP MPR
		Frequency (MHz)		706.5	710	713.5	
5M	QPSK	1	0	23.37	23.41	23.29	0
		1	12	23.23	23.29	23.18	0
		1	24	23.17	23.25	23.12	0
		12	0	22.32	22.36	22.25	1
		12	6	22.15	22.20	22.09	1
		12	13	22.22	22.27	22.16	1
		25	0	22.24	22.28	22.11	1
5M	16QAM	1	0	22.53	22.59	22.47	1
		1	12	22.56	22.60	22.47	1
		1	24	22.39	22.47	22.36	1
		12	0	21.29	21.35	21.18	2
		12	6	21.21	21.29	21.11	2
		12	13	21.13	21.27	21.09	2
		25	0	21.19	21.25	21.17	2
5M	64QAM	1	0	21.47	21.56	21.39	2
		1	12	21.39	21.43	21.29	2
		1	24	21.26	21.34	21.18	2
		12	0	20.31	20.36	20.16	3
		12	6	20.20	20.27	20.18	3
		12	13	20.16	20.22	20.08	3
		25	0	20.23	20.33	20.20	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	22.09	22.32	22.17	0
		1	50	22.06	22.29	22.03	0
		1	99	22.03	22.26	22.01	0
		50	0	21.12	21.35	21.09	1
		50	25	21.09	21.32	21.06	1
		50	50	21.06	21.29	21.03	1
		100	0	21.14	21.37	21.11	1
20M	16QAM	1	0	21.39	21.62	21.36	1
		1	50	21.36	21.59	21.33	1
		1	99	21.30	21.53	21.27	1
		50	0	20.13	20.36	20.10	2
		50	25	20.06	20.29	20.03	2
		50	50	20.04	20.27	20.01	2
		100	0	20.17	20.40	20.14	2
20M	64QAM	1	0	20.38	20.61	20.35	2
		1	50	20.27	20.50	20.24	2
		1	99	20.24	20.47	20.21	2
		50	0	19.15	19.38	19.12	3
		50	25	19.10	19.33	19.07	3
		50	50	19.06	19.29	19.03	3
		100	0	19.17	19.40	19.14	3
BW	MCS Index	Channel		26115	26365	26615	3GPP MPR
		Frequency (MHz)		1857.5	1882.5	1907.5	
15M	QPSK	1	0	22.04	22.28	22.16	0
		1	37	22.12	22.29	22.15	0
		1	74	22.13	22.24	22.11	0
		36	0	21.06	21.30	21.06	1
		36	19	21.04	21.30	21.15	1
		36	39	21.02	21.22	21.10	1
		75	0	21.11	21.29	21.08	1
15M	16QAM	1	0	21.29	21.54	21.35	1
		1	37	21.31	21.50	21.33	1
		1	74	21.25	21.48	21.27	1
		36	0	20.12	20.28	20.03	2
		36	19	20.15	20.21	20.03	2
		36	39	20.10	20.26	20.09	2
		75	0	20.16	20.35	20.05	2
15M	64QAM	1	0	20.29	20.57	20.25	2
		1	37	20.24	20.44	20.23	2
		1	74	20.16	20.37	20.18	2
		36	0	19.08	19.33	19.07	3
		36	19	19.07	19.30	19.01	3
		36	39	19.15	19.24	19.08	3
		75	0	19.14	19.30	19.04	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	22.04	22.28	22.13	0
		1	24	22.14	22.28	22.03	0
		1	49	22.08	22.17	22.06	0
		25	0	21.08	21.31	21.02	1
		25	12	21.03	21.32	21.11	1
		25	25	21.03	21.28	21.03	1
		50	0	21.05	21.33	21.04	1
10M	16QAM	1	0	21.31	21.52	21.29	1
		1	24	21.31	21.54	21.25	1
		1	49	21.22	21.43	21.17	1
		25	0	20.13	20.30	20.01	2
		25	12	20.15	20.23	20.15	2
		25	25	20.01	20.27	20.06	2
		50	0	20.17	20.35	20.10	2
10M	64QAM	1	0	20.31	20.52	20.35	2
		1	24	20.23	20.49	20.22	2
		1	49	20.24	20.42	20.16	2
		25	0	19.06	19.28	19.11	3
		25	12	19.01	19.26	19.05	3
		25	25	19.03	19.21	19.15	3
		50	0	19.15	19.36	19.07	3
BW	MCS Index	Channel		26065	26365	26665	3GPP MPR
		Frequency (MHz)		1852.5	1882.5	1912.5	
5M	QPSK	1	0	22.04	22.28	22.10	0
		1	12	22.12	22.20	22.01	0
		1	24	22.15	22.25	22.10	0
		12	0	21.04	21.29	21.08	1
		12	6	21.09	21.29	21.05	1
		12	13	21.04	21.27	21.15	1
		25	0	21.07	21.36	21.03	1
5M	16QAM	1	0	21.30	21.56	21.32	1
		1	12	21.36	21.51	21.27	1
		1	24	21.22	21.48	21.21	1
		12	0	20.04	20.31	20.09	2
		12	6	20.12	20.24	20.01	2
		12	13	20.04	20.20	20.10	2
		25	0	20.11	20.40	20.12	2
5M	64QAM	1	0	20.32	20.53	20.33	2
		1	12	20.21	20.43	20.16	2
		1	24	20.20	20.45	20.19	2
		12	0	19.13	19.37	19.12	3
		12	6	19.07	19.30	19.12	3
		12	13	19.01	19.23	19.13	3
		25	0	19.13	19.39	19.07	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	22.08	22.30	22.17	0
		1	7	22.03	22.21	22.08	0
		1	14	22.11	22.19	22.08	0
		8	0	21.12	21.30	21.09	1
		8	3	21.14	21.32	21.04	1
		8	7	21.12	21.28	21.11	1
		15	0	21.06	21.33	21.04	1
3M	16QAM	1	0	21.32	21.56	21.33	1
		1	7	21.29	21.53	21.30	1
		1	14	21.22	21.49	21.25	1
		8	0	20.05	20.31	20.03	2
		8	3	20.04	20.28	20.09	2
		8	7	20.11	20.19	20.10	2
		15	0	20.17	20.40	20.08	2
3M	64QAM	1	0	20.33	20.52	20.27	2
		1	7	20.27	20.47	20.18	2
		1	14	20.18	20.38	20.21	2
		8	0	19.08	19.33	19.12	3
		8	3	19.04	19.26	19.04	3
		8	7	19.04	19.25	19.12	3
		15	0	19.16	19.35	19.08	3
BW	MCS Index	Channel		26047	26365	26683	3GPP MPR
		Frequency (MHz)		1850.7	1882.5	1914.3	
1.4M	QPSK	1	0	22.04	22.21	22.15	0
		1	2	22.03	22.14	22.10	0
		1	5	22.01	22.18	22.03	0
		3	0	22.04	22.21	22.08	0
		3	1	22.10	22.11	22.11	0
		3	3	22.03	22.19	22.01	0
		6	0	21.13	21.23	21.06	1
1.4M	16QAM	1	0	21.26	21.59	21.26	1
		1	2	21.24	21.40	21.23	1
		1	5	21.17	21.47	21.14	1
		3	0	21.07	21.19	21.09	1
		3	1	21.05	21.13	21.02	1
		3	3	21.05	21.25	21.06	1
		6	0	20.11	20.23	20.03	2
1.4M	64QAM	1	0	20.26	20.46	20.22	2
		1	2	20.06	20.33	20.07	2
		1	5	20.15	20.33	20.10	2
		3	0	20.08	20.30	20.01	2
		3	1	20.03	20.20	20.07	2
		3	3	20.07	20.18	20.07	2
		6	0	19.06	19.32	19.04	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	23.31	23.44	23.29	0
		1	37	23.16	23.29	23.13	0
		1	74	23.10	23.23	23.07	0
		36	0	22.18	22.31	22.15	1
		36	19	22.10	22.23	22.07	1
		36	39	22.09	22.22	22.06	1
		75	0	22.11	22.24	22.08	1
15M	16QAM	1	0	22.43	22.56	22.40	1
		1	37	22.41	22.54	22.38	1
		1	74	22.34	22.47	22.31	1
		36	0	21.18	21.31	21.15	2
		36	19	21.10	21.23	21.07	2
		36	39	21.08	21.21	21.05	2
		75	0	21.09	21.22	21.06	2
15M	64QAM	1	0	21.39	21.52	21.36	2
		1	37	21.24	21.37	21.21	2
		1	74	21.16	21.29	21.13	2
		36	0	20.18	20.31	20.15	3
		36	19	20.11	20.24	20.08	3
		36	39	20.10	20.23	20.07	3
		75	0	20.14	20.27	20.11	3
BW	MCS Index	Channel		26840	26915	26990	3GPP MPR
		Frequency (MHz)		829	836.5	844	
10M	QPSK	1	0	23.24	23.36	23.25	0
		1	24	23.09	23.27	23.11	0
		1	49	23.07	23.16	23.07	0
		25	0	22.18	22.22	22.12	1
		25	12	22.03	22.20	21.99	1
		25	25	22.04	22.18	22.05	1
		50	0	22.04	22.14	22.02	1
10M	16QAM	1	0	22.43	22.56	22.33	1
		1	24	22.34	22.48	22.30	1
		1	49	22.32	22.43	22.28	1
		25	0	21.16	21.28	21.12	2
		25	12	21.03	21.15	21.00	2
		25	25	21.04	21.11	21.02	2
		50	0	21.08	21.22	21.04	2
10M	64QAM	1	0	21.39	21.46	21.28	2
		1	24	21.16	21.31	21.16	2
		1	49	21.11	21.28	21.09	2
		25	0	20.08	20.29	20.08	3
		25	12	20.02	20.21	20.05	3
		25	25	20.07	20.14	19.98	3
		50	0	20.04	20.25	20.01	3

LTE Conducted Power (Full)							
LTE Band 26							
BW	MCS Index	Channel		21.96	22.08	22.05	3GPP MPR
		Frequency (MHz)		21.98	22.03	22.02	
5M	QPSK	1	0	23.24	23.41	23.26	0
		1	12	23.08	23.22	23.09	0
		1	24	23.08	23.22	23.06	0
		12	0	22.11	22.29	22.09	1
		12	6	22.05	22.19	22.03	1
		12	13	22.08	22.14	21.99	1
		25	0	22.05	22.15	22.07	1
5M	16QAM	1	0	22.41	22.56	22.30	1
		1	12	22.38	22.54	22.37	1
		1	24	22.33	22.45	22.22	1
		12	0	21.08	21.27	21.11	2
		12	6	21.09	21.23	21.00	2
		12	13	21.02	21.16	21.05	2
		25	0	21.02	21.22	21.05	2
5M	64QAM	1	0	21.33	21.50	21.26	2
		1	12	21.18	21.28	21.14	2
		1	24	21.10	21.27	21.11	2
		12	0	20.08	20.28	20.07	3
		12	6	20.01	20.18	20.06	3
		12	13	20.01	20.14	19.97	3
		25	0	20.14	20.21	20.02	3
BW	MCS Index	Channel		20.99	21.09	20.96	3GPP MPR
		Frequency (MHz)		21.08	21.17	21.01	
3M	QPSK	1	0	23.21	23.34	23.21	0
		1	7	23.13	23.22	23.05	0
		1	14	23.01	23.23	23.04	0
		8	0	22.08	22.23	22.06	1
		8	3	22.05	22.13	22.05	1
		8	7	22.04	22.20	21.99	1
		15	0	22.09	22.14	22.00	1
3M	16QAM	1	0	22.38	22.50	22.40	1
		1	7	22.31	22.52	22.37	1
		1	14	22.31	22.38	22.24	1
		8	0	21.10	21.23	21.14	2
		8	3	21.03	21.15	20.97	2
		8	7	21.07	21.11	21.05	2
		15	0	21.09	21.13	21.04	2
3M	64QAM	1	0	21.30	21.45	21.33	2
		1	7	21.18	21.28	21.16	2
		1	14	21.09	21.21	21.13	2
		8	0	20.14	20.31	20.14	3
		8	3	20.03	20.14	20.01	3
		8	7	20.06	20.13	20.04	3
		15	0	20.12	20.20	20.09	3

LTE Conducted Power (Full)							
LTE Band 26							
BW	MCS Index	Channel		20.03	20.02	19.91	3GPP MPR
		Frequency (MHz)		19.92	20.24	20.01	
1.4M	QPSK	1	0	23.16	23.28	23.22	0
		1	2	22.94	23.16	23.06	0
		1	5	22.89	23.05	22.96	0
		3	0	23.16	23.19	23.01	0
		3	1	22.96	23.16	22.99	0
		3	3	22.98	23.17	23.02	0
		6	0	21.96	22.16	21.94	1
1.4M	16QAM	1	0	22.26	22.41	22.37	1
		1	2	22.26	22.38	22.30	1
		1	5	22.17	22.38	22.21	1
		3	0	22.09	22.14	22.02	1
		3	1	22.00	22.02	22.05	1
		3	3	21.89	21.99	21.90	1
		6	0	20.93	21.20	20.97	2
1.4M	64QAM	1	0	21.32	21.40	21.28	2
		1	2	21.16	21.32	21.10	2
		1	5	21.05	21.12	21.06	2
		3	0	21.03	21.25	20.96	2
		3	1	20.98	21.10	20.93	2
		3	3	21.00	21.12	20.98	2
		6	0	20.10	20.13	19.97	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		21.65		0
		1	24		21.57		0
		1	49		21.42		0
		25	0		21.16		1
		25	12		21.02		1
		25	25		21.01		1
		50	0		20.56		1
10M	16QAM	1	0		21.17		1
		1	24		20.93		1
		1	49		20.72		1
		25	0		19.78		2
		25	12		19.62		2
		25	25		19.59		2
		50	0		19.61		2
10M	64QAM	1	0		19.97		2
		1	24		19.91		2
		1	49		19.77		2
		25	0		18.74		3
		25	12		18.61		3
		25	25		18.56		3
		50	0		18.62		3
BW	MCS Index	Channel		27685	27710	27735	3GPP MPR
		Frequency (MHz)		2307.5	2310	2312.5	
5M	QPSK	1	0	21.55	21.55	21.64	0
		1	12	21.57	21.49	21.49	0
		1	24	21.38	21.39	21.38	0
		12	0	21.06	21.09	21.12	1
		12	6	20.95	20.97	21.02	1
		12	13	20.91	20.92	20.94	1
		25	0	20.48	20.48	20.55	1
5M	16QAM	1	0	21.16	21.14	21.08	1
		1	12	20.86	20.91	20.85	1
		1	24	20.66	20.66	20.68	1
		12	0	19.76	19.73	19.70	2
		12	6	19.59	19.52	19.56	2
		12	13	19.52	19.54	19.54	2
		25	0	19.53	19.59	19.52	2
5M	64QAM	1	0	19.94	19.96	19.93	2
		1	12	19.89	19.82	19.88	2
		1	24	19.73	19.73	19.69	2
		12	0	18.65	18.64	18.65	3
		12	6	18.58	18.56	18.57	3
		12	13	18.54	18.47	18.54	3
		25	0	18.61	18.58	18.61	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	23.20	23.38	23.26	0
		1	50	23.12	23.30	23.18	0
		1	99	22.97	23.15	23.03	0
		50	0	22.26	22.44	22.32	1
		50	25	22.12	22.30	22.18	1
		50	50	22.09	22.27	22.15	1
		100	0	22.11	22.29	22.17	1
20M	16QAM	1	0	22.72	22.90	22.78	1
		1	50	22.48	22.66	22.54	1
		1	99	22.27	22.45	22.33	1
		50	0	21.33	21.51	21.39	2
		50	25	21.17	21.35	21.23	2
		50	50	21.14	21.32	21.20	2
		100	0	21.16	21.34	21.22	2
20M	64QAM	1	0	21.52	21.70	21.58	2
		1	50	21.46	21.64	21.52	2
		1	99	21.32	21.50	21.38	2
		50	0	20.29	20.47	20.35	3
		50	25	20.16	20.34	20.22	3
		50	50	20.11	20.29	20.17	3
		100	0	20.17	20.35	20.23	3
BW	MCS Index	Channel		37825	38000	38175	3GPP MPR
		Frequency (MHz)		2577.5	2595	2612.5	
15M	QPSK	1	0	23.18	23.35	23.25	0
		1	37	23.12	23.27	23.12	0
		1	74	22.90	23.11	22.93	0
		36	0	22.23	22.41	22.26	1
		36	19	22.11	22.21	22.08	1
		36	39	21.99	22.22	22.08	1
		75	0	22.04	22.19	22.08	1
15M	16QAM	1	0	22.69	22.80	22.73	1
		1	37	22.40	22.57	22.46	1
		1	74	22.27	22.42	22.28	1
		36	0	21.24	21.44	21.32	2
		36	19	21.10	21.26	21.19	2
		36	39	21.09	21.31	21.19	2
		75	0	21.16	21.33	21.15	2
15M	64QAM	1	0	21.47	21.68	21.48	2
		1	37	21.43	21.63	21.48	2
		1	74	21.29	21.46	21.34	2
		36	0	20.27	20.42	20.32	3
		36	19	20.10	20.27	20.15	3
		36	39	20.07	20.29	20.15	3
		75	0	20.09	20.32	20.23	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	23.10	23.30	23.20	0
		1	24	23.10	23.26	23.16	0
		1	49	22.97	23.09	22.93	0
		25	0	22.26	22.40	22.24	1
		25	12	22.04	22.29	22.18	1
		25	25	21.99	22.18	22.10	1
		50	0	22.06	22.22	22.17	1
10M	16QAM	1	0	22.63	22.88	22.73	1
		1	24	22.46	22.58	22.46	1
		1	49	22.25	22.40	22.31	1
		25	0	21.24	21.44	21.32	2
		25	12	21.13	21.35	21.21	2
		25	25	21.12	21.31	21.14	2
		50	0	21.15	21.33	21.13	2
10M	64QAM	1	0	21.43	21.69	21.48	2
		1	24	21.41	21.64	21.45	2
		1	49	21.22	21.49	21.31	2
		25	0	20.25	20.39	20.34	3
		25	12	20.09	20.25	20.14	3
		25	25	20.08	20.29	20.15	3
		50	0	20.15	20.30	20.18	3
BW	MCS Index	Channel		37775	38000	38225	3GPP MPR
		Frequency (MHz)		2572.5	2595	2617.5	
5M	QPSK	1	0	23.10	23.37	23.25	0
		1	12	23.08	23.23	23.16	0
		1	24	22.95	23.15	23.02	0
		12	0	22.23	22.39	22.30	1
		12	6	22.10	22.29	22.12	1
		12	13	22.01	22.21	22.07	1
		25	0	22.08	22.22	22.08	1
5M	16QAM	1	0	22.72	22.90	22.73	1
		1	12	22.38	22.65	22.47	1
		1	24	22.19	22.38	22.30	1
		12	0	21.24	21.46	21.34	2
		12	6	21.13	21.35	21.19	2
		12	13	21.07	21.26	21.10	2
		25	0	21.08	21.32	21.16	2
5M	64QAM	1	0	21.48	21.68	21.51	2
		1	12	21.38	21.58	21.48	2
		1	24	21.24	21.42	21.38	2
		12	0	20.19	20.43	20.33	3
		12	6	20.16	20.27	20.19	3
		12	13	20.04	20.20	20.10	3
		25	0	20.09	20.26	20.18	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	23.24	23.33	23.40	23.37	23.36	0
		1	50	23.16	23.25	23.32	23.31	23.28	0
		1	99	23.01	23.10	23.17	23.16	23.13	0
		50	0	22.30	22.39	22.46	22.45	22.42	1
		50	25	22.16	22.25	22.32	22.31	22.28	1
		50	50	22.13	22.22	22.29	22.28	22.25	1
		100	0	22.15	22.24	22.31	22.30	22.27	1
20M	16QAM	1	0	22.76	22.85	22.92	22.91	22.88	1
		1	50	22.52	22.61	22.68	22.67	22.64	1
		1	99	22.31	22.40	22.47	22.46	22.43	1
		50	0	21.37	21.46	21.53	21.52	21.49	2
		50	25	21.21	21.30	21.37	21.36	21.33	2
		50	50	21.18	21.27	21.34	21.33	21.30	2
		100	0	21.20	21.29	21.36	21.35	21.32	2
20M	64QAM	1	0	21.56	21.65	21.72	21.71	21.68	2
		1	50	21.50	21.59	21.66	21.65	21.62	2
		1	99	21.36	21.45	21.52	21.51	21.48	2
		50	0	20.33	20.42	20.49	20.48	20.45	3
		50	25	20.20	20.29	20.36	20.35	20.32	3
		50	50	20.15	20.24	20.31	20.30	20.27	3
		100	0	20.21	20.30	20.37	20.36	20.33	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	23.24	23.33	23.39	23.36	23.30	0
		1	37	23.16	23.25	23.23	23.29	23.18	0
		1	74	23.01	23.10	23.11	23.13	23.10	0
		36	0	22.30	22.39	22.40	22.42	22.38	1
		36	19	22.16	22.25	22.23	22.23	22.18	1
		36	39	22.13	22.22	22.28	22.26	22.22	1
		75	0	22.15	22.24	22.26	22.26	22.25	1
15M	16QAM	1	0	22.76	22.85	22.87	22.86	22.87	1
		1	37	22.52	22.61	22.63	22.65	22.64	1
		1	74	22.31	22.40	22.43	22.39	22.40	1
		36	0	21.37	21.46	21.51	21.50	21.45	2
		36	19	21.21	21.30	21.27	21.30	21.24	2
		36	39	21.18	21.27	21.29	21.28	21.23	2
		75	0	21.20	21.29	21.36	21.35	21.23	2
15M	64QAM	1	0	21.56	21.65	21.70	21.69	21.66	2
		1	37	21.50	21.59	21.57	21.62	21.52	2
		1	74	21.36	21.45	21.48	21.50	21.39	2
		36	0	20.33	20.42	20.49	20.43	20.35	3
		36	19	20.20	20.29	20.30	20.28	20.32	3
		36	39	20.15	20.24	20.23	20.22	20.17	3
		75	0	20.21	20.30	20.34	20.33	20.27	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	23.24	23.33	23.30	23.36	23.33	0
		1	24	23.16	23.25	23.28	23.27	23.18	0
		1	49	23.01	23.10	23.16	23.14	23.07	0
		25	0	22.30	22.39	22.40	22.38	22.38	1
		25	12	22.16	22.25	22.27	22.29	22.25	1
		25	25	22.13	22.22	22.22	22.23	22.23	1
		50	0	22.15	22.24	22.22	22.29	22.23	1
10M	16QAM	1	0	22.76	22.85	22.90	22.89	22.81	1
		1	24	22.52	22.61	22.62	22.64	22.63	1
		1	49	22.31	22.40	22.41	22.37	22.36	1
		25	0	21.37	21.46	21.50	21.42	21.42	2
		25	12	21.21	21.30	21.29	21.29	21.30	2
		25	25	21.18	21.27	21.33	21.31	21.29	2
		50	0	21.20	21.29	21.30	21.35	21.25	2
10M	64QAM	1	0	21.56	21.65	21.65	21.62	21.68	2
		1	24	21.50	21.59	21.58	21.61	21.52	2
		1	49	21.36	21.45	21.47	21.50	21.46	2
		25	0	20.33	20.42	20.45	20.42	20.39	3
		25	12	20.20	20.29	20.29	20.30	20.30	3
		25	25	20.15	20.24	20.23	20.30	20.27	3
		50	0	20.21	20.30	20.33	20.26	20.26	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	23.24	23.33	23.39	23.31	23.34	0
		1	12	23.16	23.25	23.26	23.27	23.26	0
		1	24	23.01	23.10	23.12	23.07	23.09	0
		12	0	22.30	22.39	22.46	22.38	22.42	1
		12	6	22.16	22.25	22.24	22.21	22.19	1
		12	13	22.13	22.22	22.22	22.21	22.15	1
		25	0	22.15	22.24	22.25	22.24	22.21	1
5M	16QAM	1	0	22.76	22.85	22.87	22.90	22.83	1
		1	12	22.52	22.61	22.63	22.62	22.57	1
		1	24	22.31	22.40	22.37	22.45	22.36	1
		12	0	21.37	21.46	21.45	21.51	21.47	2
		12	6	21.21	21.30	21.31	21.31	21.29	2
		12	13	21.18	21.27	21.29	21.26	21.22	2
		25	0	21.20	21.29	21.26	21.32	21.32	2
5M	64QAM	1	0	21.56	21.65	21.65	21.62	21.62	2
		1	12	21.50	21.59	21.60	21.62	21.62	2
		1	24	21.36	21.45	21.44	21.45	21.42	2
		12	0	20.33	20.42	20.40	20.38	20.45	3
		12	6	20.20	20.29	20.31	20.30	20.25	3
		12	13	20.15	20.24	20.27	20.26	20.18	3
		25	0	20.21	20.30	20.33	20.28	20.29	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	25.16	25.25	25.30	25.11	25.25	0
		1	50	25.08	25.17	25.22	25.05	25.17	0
		1	99	25.05	25.11	25.20	25.03	25.17	0
		50	0	24.37	24.46	24.51	24.34	24.46	1
		50	25	24.23	24.32	24.37	24.20	24.32	1
		50	50	24.20	24.29	24.34	24.17	24.29	1
		100	0	24.22	24.31	24.36	24.19	24.31	1
20M	16QAM	1	0	24.68	24.77	24.82	24.65	24.77	1
		1	50	24.44	24.53	24.58	24.41	24.53	1
		1	99	24.23	24.32	24.37	24.20	24.32	1
		50	0	23.29	23.38	23.43	23.26	23.38	2
		50	25	23.13	23.22	23.27	23.10	23.22	2
		50	50	23.10	23.19	23.24	23.07	23.19	2
		100	0	23.12	23.21	23.26	23.09	23.21	2
20M	64QAM	1	0	23.48	23.57	23.62	23.45	23.57	2
		1	50	23.42	23.51	23.56	23.39	23.51	2
		1	99	23.28	23.37	23.42	23.25	23.37	2
		50	0	22.25	22.34	22.39	22.22	22.34	3
		50	25	22.12	22.21	22.26	22.09	22.21	3
		50	50	22.07	22.16	22.21	22.04	22.16	3
		100	0	22.13	22.22	22.27	22.10	22.22	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	25.10	25.25	25.29	25.09	25.25	0
		1	37	25.03	25.11	25.19	25.01	25.11	0
		1	74	25.02	25.06	25.19	25.03	25.16	0
		36	0	24.31	24.42	24.48	24.26	24.36	1
		36	19	24.13	24.31	24.37	24.13	24.24	1
		36	39	24.19	24.26	24.24	24.07	24.24	1
		75	0	24.21	24.25	24.30	24.14	24.28	1
15M	16QAM	1	0	24.68	24.71	24.77	24.65	24.74	1
		1	37	24.36	24.51	24.55	24.36	24.51	1
		1	74	24.17	24.25	24.34	24.11	24.32	1
		36	0	23.19	23.38	23.35	23.24	23.33	2
		36	19	23.10	23.15	23.23	23.01	23.16	2
		36	39	23.07	23.12	23.23	23.07	23.12	2
		75	0	23.07	23.18	23.24	23.10	23.16	2
15M	64QAM	1	0	23.48	23.47	23.60	23.36	23.51	2
		1	37	23.38	23.44	23.51	23.39	23.50	2
		1	74	23.24	23.27	23.37	23.22	23.36	2
		36	0	22.21	22.30	22.34	22.12	22.31	3
		36	19	22.04	22.19	22.25	22.04	22.20	3
		36	39	22.07	22.12	22.19	22.10	22.14	3
		75	0	22.08	22.22	22.21	22.01	22.22	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	25.11	25.23	25.21	25.08	25.17	0
		1	24	25.01	25.09	25.16	25.07	25.12	0
		1	49	25.10	25.03	25.12	25.09	25.10	0
		25	0	24.36	24.43	24.47	24.24	24.42	1
		25	12	24.17	24.26	24.37	24.18	24.25	1
		25	25	24.20	24.20	24.27	24.14	24.29	1
		50	0	24.13	24.31	24.27	24.18	24.30	1
10M	16QAM	1	0	24.66	24.77	24.82	24.65	24.72	1
		1	24	24.40	24.49	24.54	24.35	24.47	1
		1	49	24.23	24.31	24.36	24.15	24.26	1
		25	0	23.29	23.38	23.33	23.24	23.38	2
		25	12	23.07	23.13	23.23	23.03	23.19	2
		25	25	23.03	23.15	23.23	23.06	23.18	2
		50	0	23.04	23.16	23.19	23.04	23.17	2
10M	64QAM	1	0	23.40	23.52	23.59	23.44	23.53	2
		1	24	23.32	23.46	23.53	23.38	23.49	2
		1	49	23.22	23.31	23.33	23.17	23.32	2
		25	0	22.23	22.28	22.32	22.22	22.25	3
		25	12	22.12	22.13	22.19	22.04	22.21	3
		25	25	22.06	22.16	22.16	22.09	22.09	3
		50	0	22.05	22.18	22.27	22.04	22.16	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	25.16	25.17	25.26	25.06	25.25	0
		1	12	25.08	25.14	25.15	25.05	25.07	0
		1	24	25.10	25.06	25.10	25.01	25.11	0
		12	0	24.33	24.43	24.48	24.31	24.37	1
		12	6	24.17	24.32	24.27	24.11	24.32	1
		12	13	24.14	24.25	24.34	24.12	24.26	1
		25	0	24.19	24.21	24.26	24.17	24.24	1
5M	16QAM	1	0	24.63	24.72	24.77	24.55	24.67	1
		1	12	24.34	24.46	24.55	24.34	24.49	1
		1	24	24.17	24.32	24.28	24.16	24.31	1
		12	0	23.21	23.38	23.39	23.22	23.35	2
		12	6	23.11	23.22	23.22	23.06	23.17	2
		12	13	23.10	23.17	23.15	23.01	23.17	2
		25	0	23.07	23.17	23.20	23.06	23.17	2
5M	64QAM	1	0	23.40	23.52	23.55	23.36	23.52	2
		1	12	23.40	23.49	23.47	23.39	23.50	2
		1	24	23.18	23.30	23.33	23.21	23.30	2
		12	0	22.20	22.24	22.30	22.21	22.34	3
		12	6	22.03	22.13	22.17	22.09	22.21	3
		12	13	22.09	22.13	22.15	22.01	22.07	3
		25	0	22.08	22.20	22.20	22.10	22.19	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	20.48	20.59	20.82	20.31	0
		1	50	20.40	20.51	20.74	20.23	0
		1	99	20.25	20.36	20.59	20.08	0
		50	0	19.54	19.65	19.88	19.37	1
		50	25	19.40	19.51	19.74	19.23	1
		50	50	19.37	19.48	19.71	19.20	1
		100	0	19.39	19.50	19.73	19.22	1
20M	16QAM	1	0	20.00	20.11	20.34	19.83	1
		1	50	19.76	19.87	20.10	19.59	1
		1	99	19.55	19.66	19.89	19.38	1
		50	0	18.61	18.72	18.95	18.44	2
		50	25	18.45	18.56	18.79	18.28	2
		50	50	18.42	18.53	18.76	18.25	2
		100	0	18.44	18.55	18.78	18.27	2
20M	64QAM	1	0	18.80	18.91	19.14	18.63	2
		1	50	18.74	18.85	19.08	18.57	2
		1	99	18.60	18.71	18.94	18.43	2
		50	0	17.57	17.68	17.91	17.40	3
		50	25	17.44	17.55	17.78	17.27	3
		50	50	17.39	17.50	17.73	17.22	3
		100	0	17.45	17.56	17.79	17.28	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	20.44	20.50	20.73	20.28	0
		1	37	20.40	20.41	20.68	20.18	0
		1	74	20.25	20.36	20.53	20.03	0
		36	0	19.49	19.62	19.83	19.27	1
		36	19	19.32	19.45	19.64	19.18	1
		36	39	19.34	19.47	19.64	19.11	1
		75	0	19.36	19.41	19.66	19.18	1
15M	16QAM	1	0	19.99	20.07	20.25	19.75	1
		1	37	19.68	19.77	20.01	19.52	1
		1	74	19.48	19.63	19.89	19.33	1
		36	0	18.53	18.62	18.89	18.43	2
		36	19	18.43	18.51	18.69	18.22	2
		36	39	18.37	18.47	18.73	18.15	2
		75	0	18.35	18.53	18.71	18.20	2
15M	64QAM	1	0	18.79	18.89	19.10	18.56	2
		1	37	18.73	18.80	19.00	18.53	2
		1	74	18.55	18.63	18.84	18.42	2
		36	0	17.47	17.68	17.82	17.39	3
		36	19	17.42	17.48	17.68	17.25	3
		36	39	17.39	17.43	17.72	17.13	3
		75	0	17.37	17.56	17.69	17.18	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	20.43	20.57	20.81	20.21	0
		1	24	20.33	20.42	20.69	20.15	0
		1	49	20.21	20.31	20.49	20.06	0
		25	0	19.54	19.62	19.79	19.32	1
		25	12	19.40	19.47	19.74	19.17	1
		25	25	19.35	19.42	19.70	19.16	1
		50	0	19.34	19.42	19.73	19.22	1
10M	16QAM	1	0	20.00	20.09	20.26	19.74	1
		1	24	19.68	19.78	20.01	19.54	1
		1	49	19.46	19.56	19.88	19.38	1
		25	0	18.57	18.67	18.94	18.40	2
		25	12	18.45	18.50	18.79	18.21	2
		25	25	18.36	18.48	18.72	18.16	2
		50	0	18.43	18.50	18.78	18.18	2
10M	64QAM	1	0	18.70	18.86	19.11	18.53	2
		1	24	18.65	18.81	18.98	18.57	2
		1	49	18.52	18.63	18.92	18.38	2
		25	0	17.48	17.65	17.90	17.37	3
		25	12	17.39	17.47	17.70	17.27	3
		25	25	17.34	17.40	17.63	17.19	3
		50	0	17.38	17.52	17.72	17.22	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	20.39	20.54	20.80	20.21	0
		1	12	20.32	20.41	20.71	20.16	0
		1	24	20.23	20.31	20.56	20.08	0
		12	0	19.52	19.62	19.81	19.37	1
		12	6	19.40	19.43	19.66	19.17	1
		12	13	19.28	19.47	19.67	19.15	1
		25	0	19.33	19.44	19.71	19.15	1
5M	16QAM	1	0	19.90	20.09	20.29	19.81	1
		1	12	19.75	19.83	20.07	19.52	1
		1	24	19.51	19.65	19.87	19.29	1
		12	0	18.60	18.69	18.87	18.35	2
		12	6	18.38	18.52	18.72	18.20	2
		12	13	18.38	18.50	18.72	18.21	2
		25	0	18.34	18.45	18.76	18.19	2
5M	64QAM	1	0	18.70	18.85	19.07	18.63	2
		1	12	18.71	18.77	19.05	18.49	2
		1	24	18.53	18.61	18.89	18.33	2
		12	0	17.53	17.65	17.87	17.35	3
		12	6	17.44	17.54	17.70	17.23	3
		12	13	17.34	17.42	17.70	17.15	3
		25	0	17.35	17.53	17.78	17.25	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	23.57	23.66	23.43	0
		1	50	23.54	23.63	23.40	0
		1	99	23.51	23.60	23.37	0
		50	0	22.60	22.69	22.46	1
		50	25	22.57	22.66	22.43	1
		50	50	22.54	22.63	22.40	1
		100	0	22.62	22.71	22.48	1
20M	16QAM	1	0	22.87	22.96	22.73	1
		1	50	22.84	22.93	22.70	1
		1	99	22.78	22.87	22.64	1
		50	0	21.61	21.70	21.47	2
		50	25	21.54	21.63	21.40	2
		50	50	21.52	21.61	21.38	2
		100	0	21.65	21.74	21.51	2
20M	64QAM	1	0	21.86	21.95	21.72	2
		1	50	21.75	21.84	21.61	2
		1	99	21.72	21.81	21.58	2
		50	0	20.63	20.72	20.49	3
		50	25	20.58	20.67	20.44	3
		50	50	20.54	20.63	20.40	3
		100	0	20.65	20.74	20.51	3
BW	MCS Index	Channel		132047	132322	132597	3GPP MPR
		Frequency (MHz)		1717.5	1745	1772.5	
15M	QPSK	1	0	23.51	23.65	23.43	0
		1	37	23.51	23.55	23.33	0
		1	74	23.48	23.51	23.27	0
		36	0	22.51	22.65	22.44	1
		36	19	22.54	22.59	22.40	1
		36	39	22.48	22.55	22.38	1
		75	0	22.60	22.63	22.47	1
15M	16QAM	1	0	22.84	22.91	22.71	1
		1	37	22.74	22.93	22.61	1
		1	74	22.78	22.77	22.57	1
		36	0	21.61	21.62	21.42	2
		36	19	21.48	21.61	21.40	2
		36	39	21.45	21.57	21.37	2
		75	0	21.57	21.74	21.44	2
15M	64QAM	1	0	21.78	21.92	21.67	2
		1	37	21.69	21.75	21.53	2
		1	74	21.69	21.77	21.54	2
		36	0	20.63	20.64	20.41	3
		36	19	20.49	20.58	20.38	3
		36	39	20.49	20.55	20.38	3
		75	0	20.60	20.74	20.46	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	23.57	23.62	23.33	0
		1	24	23.52	23.62	23.35	0
		1	49	23.42	23.50	23.30	0
		25	0	22.56	22.68	22.36	1
		25	12	22.57	22.65	22.36	1
		25	25	22.44	22.57	22.38	1
		50	0	22.61	22.62	22.47	1
10M	16QAM	1	0	22.85	22.86	22.64	1
		1	24	22.75	22.89	22.68	1
		1	49	22.77	22.79	22.54	1
		25	0	21.56	21.61	21.47	2
		25	12	21.46	21.62	21.37	2
		25	25	21.43	21.59	21.29	2
		50	0	21.65	21.67	21.51	2
10M	64QAM	1	0	21.76	21.93	21.65	2
		1	24	21.67	21.76	21.58	2
		1	49	21.70	21.78	21.58	2
		25	0	20.54	20.70	20.48	3
		25	12	20.48	20.67	20.35	3
		25	25	20.53	20.56	20.36	3
		50	0	20.59	20.64	20.44	3
BW	MCS Index	Channel		131997	132322	132647	3GPP MPR
		Frequency (MHz)		1712.5	1745	1777.5	
5M	QPSK	1	0	23.57	23.60	23.35	0
		1	12	23.50	23.53	23.40	0
		1	24	23.51	23.53	23.29	0
		12	0	22.52	22.62	22.36	1
		12	6	22.55	22.58	22.41	1
		12	13	22.53	22.58	22.35	1
		25	0	22.62	22.67	22.48	1
5M	16QAM	1	0	22.83	22.95	22.66	1
		1	12	22.74	22.87	22.64	1
		1	24	22.74	22.80	22.64	1
		12	0	21.51	21.63	21.45	2
		12	6	21.54	21.63	21.34	2
		12	13	21.42	21.56	21.33	2
		25	0	21.55	21.74	21.49	2
5M	64QAM	1	0	21.82	21.87	21.64	2
		1	12	21.73	21.78	21.54	2
		1	24	21.67	21.79	21.53	2
		12	0	20.62	20.70	20.45	3
		12	6	20.55	20.64	20.41	3
		12	13	20.51	20.63	20.35	3
		25	0	20.56	20.64	20.50	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	23.50	23.57	23.42	0
		1	7	23.44	23.60	23.31	0
		1	14	23.51	23.53	23.27	0
		8	0	22.59	22.66	22.45	1
		8	3	22.51	22.62	22.34	1
		8	7	22.48	22.58	22.30	1
		15	0	22.59	22.67	22.39	1
3M	16QAM	1	0	22.78	22.89	22.70	1
		1	7	22.83	22.91	22.63	1
		1	14	22.76	22.77	22.62	1
		8	0	21.58	21.62	21.39	2
		8	3	21.48	21.55	21.36	2
		8	7	21.52	21.61	21.31	2
		15	0	21.63	21.70	21.49	2
3M	64QAM	1	0	21.80	21.92	21.72	2
		1	7	21.68	21.80	21.57	2
		1	14	21.66	21.78	21.54	2
		8	0	20.59	20.66	20.46	3
		8	3	20.55	20.63	20.43	3
		8	7	20.44	20.54	20.38	3
		15	0	20.65	20.64	20.43	3
BW	MCS Index	Channel		131979	132322	132665	3GPP MPR
		Frequency (MHz)		1710.7	1745	1779.3	
1.4M	QPSK	1	0	23.47	23.54	23.37	0
		1	2	23.31	23.61	23.25	0
		1	5	23.38	23.59	23.29	0
		3	0	23.42	23.54	23.28	0
		3	1	23.35	23.49	23.35	0
		3	3	23.46	23.47	23.26	0
		6	0	22.55	22.48	22.41	1
1.4M	16QAM	1	0	22.77	22.83	22.65	1
		1	2	22.70	22.73	22.59	1
		1	5	22.58	22.73	22.56	1
		3	0	22.57	22.60	22.37	1
		3	1	22.45	22.49	22.30	1
		3	3	22.42	22.40	22.27	1
		6	0	21.54	21.58	21.42	2
1.4M	64QAM	1	0	21.67	21.75	21.51	2
		1	2	21.53	21.65	21.56	2
		1	5	21.49	21.72	21.45	2
		3	0	21.44	21.55	21.38	2
		3	1	21.42	21.47	21.22	2
		3	3	21.41	21.53	21.26	2
		6	0	20.53	20.68	20.28	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	23.24	23.42	23.35	0
		1	50	23.09	23.31	23.20	0
		1	99	23.03	23.25	23.14	0
		50	0	22.11	22.33	22.22	1
		50	25	22.03	22.25	22.14	1
		50	50	22.02	22.24	22.13	1
		100	0	22.04	22.26	22.15	1
20M	16QAM	1	0	22.36	22.58	22.47	1
		1	50	22.34	22.56	22.45	1
		1	99	22.27	22.49	22.38	1
		50	0	21.11	21.33	21.22	2
		50	25	21.03	21.25	21.14	2
		50	50	21.01	21.23	21.12	2
		100	0	21.02	21.24	21.13	2
20M	64QAM	1	0	21.32	21.54	21.43	2
		1	50	21.17	21.39	21.28	2
		1	99	21.09	21.31	21.20	2
		50	0	20.11	20.33	20.22	3
		50	25	20.04	20.26	20.15	3
		50	50	20.03	20.25	20.14	3
		100	0	20.07	20.29	20.18	3
BW	MCS Index	Channel		133197	133297	133397	3GPP MPR
		Frequency (MHz)		670.5	680.5	690.5	
15M	QPSK	1	0	23.14	23.35	23.35	0
		1	37	23.00	23.31	23.14	0
		1	74	22.96	23.25	23.06	0
		36	0	22.11	22.31	22.16	1
		36	19	22.00	22.25	22.05	1
		36	39	22.00	22.17	22.10	1
		75	0	22.00	22.18	22.10	1
15M	16QAM	1	0	22.35	22.58	22.39	1
		1	37	22.29	22.55	22.45	1
		1	74	22.23	22.39	22.38	1
		36	0	21.08	21.29	21.16	2
		36	19	20.96	21.21	21.07	2
		36	39	20.94	21.19	21.04	2
		75	0	20.92	21.19	21.11	2
15M	64QAM	1	0	21.22	21.49	21.41	2
		1	37	21.16	21.39	21.28	2
		1	74	21.04	21.30	21.11	2
		36	0	20.03	20.29	20.18	3
		36	19	19.99	20.19	20.07	3
		36	39	20.02	20.24	20.09	3
		75	0	20.06	20.26	20.08	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	23.15	23.37	23.31	0
		1	24	23.03	23.22	23.17	0
		1	49	22.96	23.25	23.11	0
		25	0	22.03	22.24	22.22	1
		25	12	22.02	22.22	22.07	1
		25	25	22.01	22.15	22.07	1
		50	0	22.03	22.25	22.06	1
10M	16QAM	1	0	22.28	22.52	22.37	1
		1	24	22.29	22.48	22.42	1
		1	49	22.23	22.47	22.33	1
		25	0	21.03	21.33	21.21	2
		25	12	21.00	21.21	21.10	2
		25	25	20.94	21.20	21.07	2
		50	0	20.99	21.19	21.06	2
10M	64QAM	1	0	21.28	21.50	21.43	2
		1	24	21.15	21.30	21.25	2
		1	49	21.03	21.25	21.18	2
		25	0	20.03	20.27	20.19	3
		25	12	20.02	20.22	20.08	3
		25	25	19.94	20.20	20.09	3
		50	0	20.00	20.25	20.17	3
BW	MCS Index	Channel		133147	133297	133447	3GPP MPR
		Frequency (MHz)		665.5	680.5	695.5	
5M	QPSK	1	0	23.24	23.40	23.30	0
		1	12	23.01	23.25	23.12	0
		1	24	22.93	23.17	23.11	0
		12	0	22.04	22.30	22.15	1
		12	6	21.95	22.18	22.11	1
		12	13	21.93	22.15	22.06	1
		25	0	21.94	22.19	22.10	1
5M	16QAM	1	0	22.32	22.52	22.39	1
		1	12	22.34	22.50	22.44	1
		1	24	22.19	22.39	22.33	1
		12	0	21.03	21.26	21.19	2
		12	6	20.96	21.17	21.08	2
		12	13	20.92	21.23	21.04	2
		25	0	20.97	21.17	21.07	2
5M	64QAM	1	0	21.30	21.47	21.40	2
		1	12	21.17	21.29	21.23	2
		1	24	21.07	21.25	21.14	2
		12	0	20.10	20.32	20.18	3
		12	6	20.01	20.20	20.07	3
		12	13	20.01	20.19	20.14	3
		25	0	20.03	20.26	20.08	3

Conducted Power (Full)			
WLAN2.4GHz Ant 0			
Mode	Channel	Frequency	SISO Ant 0 Avg. Power
802.11b	1	2412	13.91
	6	2437	13.98
	11	2462	13.92
	12	2467	13.9
	13	2472	13.89
802.11g	1	2412	13.63
	6	2437	13.69
	11	2462	13.47
	12	2467	13.77
	13	2472	12.13
802.11n HT20	1	2412	13.54
	6	2437	13.8
	11	2462	13.39
	12	2467	13.32
	13	2472	11.81
802.11n HT40	3	2422	13.68
	6	2437	13.49
	9	2452	13.72
	10	2457	12.75
	11	2462	10.84
802.11ax HE20	1	2412	13.37
	6	2437	13.79
	11	2462	13.48
	12	2467	13.35
	13	2472	12.03
802.11ax HE40	3	2422	13.65
	6	2437	13.36
	9	2452	13.31
	10	2457	12.67
	11	2462	10.91

Conducted Power (Full)			
WLAN2.4GHz Ant 1			
Mode	Channel	Frequency	SISO Ant 1 Avg. Power
802.11b	1	2412	13.95
	6	2437	13.97
	11	2462	13.88
	12	2467	13.87
	13	2472	13.93
802.11g	1	2412	13.46
	6	2437	13.57
	11	2462	13.39
	12	2467	13.78
	13	2472	12.24
802.11n HT20	1	2412	13.56
	6	2437	13.35
	11	2462	13.4
	12	2467	13.55
	13	2472	11.89
802.11n HT40	3	2422	13.6
	6	2437	13.64
	9	2452	13.78
	10	2457	12.62
	11	2462	11.1
802.11ax HE20	1	2412	13.71
	6	2437	13.4
	11	2462	13.42
	12	2467	13.63
	13	2472	11.85
802.11ax HE40	3	2422	13.74
	6	2437	13.73
	9	2452	13.63
	10	2457	12.55
	11	2462	11.24

Conducted Power (Full)					
WLAN2.4GHz Ant 0+1					
Mode	Channel	Frequency	MIMO Ant 0 Avg. Power	MIMO Ant 1 Avg. Power	MIMO Ant 0+1 Avg. Power
802.11n HT20	1	2412	13.47	13.31	16.40
	6	2437	13.62	13.31	16.48
	11	2462	13.62	13.79	16.72
	12	2467	11.48	11.54	14.52
	13	2472	8.67	8.39	11.54
802.11n HT40	3	2422	13.9	13.91	16.92
	6	2437	13.95	13.96	16.97
	9	2452	13.92	13.88	16.91
	10	2457	11.88	11.9	14.90
	11	2462	8.89	8.96	11.94
802.11ax HE20	1	2412	13.54	13.73	16.65
	6	2437	13.66	13.58	16.63
	11	2462	13.46	13.72	16.60
	12	2467	11.71	11.59	14.66
	13	2472	8.63	8.54	11.60
802.11ax HE40	3	2422	13.36	13.6	16.49
	6	2437	13.7	13.45	16.59
	9	2452	13.67	13.55	16.62
	10	2457	11.69	11.62	14.67
	11	2462	8.38	8.66	11.53

Conducted Power (Full)			
Bluetooth Ant 1			
Mode	Channel	Frequency	SISO Ant 1 Avg. Power
BR / EDR	0	2402	10.86
	39	2441	10.92
	78	2480	10.84
LE	0	2402	6.77
	19	2440	6.8
	39	2480	6.76

Conducted Power (Full)			
WLAN 5.2GHz Ant 0			
Mode	Channel	Frequency	SISO Ant 0 Avg. Power
802.11a	36	5180	11.38
	40	5200	11.31
	44	5220	11.68
	48	5240	11.34
802.11n HT20	36	5180	11.62
	40	5200	11.36
	44	5220	11.76
	48	5240	11.74
802.11n HT40	38	5190	11.38
	46	5230	11.42
802.11ac VHT80	42	5210	11.42
802.11ax HE20	36	5180	11.78
	40	5200	11.39
	44	5220	11.54
	48	5240	11.73
802.11ax HE40	38	5190	11.79
	46	5230	11.43
802.11ax HE80	42	5210	11.72

Conducted Power (Full)			
WLAN 5.2GHz Ant 1			
Mode	Channel	Frequency	SISO Ant 1 Avg. Power
802.11a	36	5180	11.49
	40	5200	11.3
	44	5220	11.77
	48	5240	11.66
802.11n HT20	36	5180	11.35
	40	5200	11.54
	44	5220	11.77
	48	5240	11.34
802.11n HT40	38	5190	11.69
	46	5230	11.59
802.11ac VHT80	42	5210	11.64
802.11ax HE20	36	5180	11.39
	40	5200	11.48
	44	5220	11.36
	48	5240	11.45
802.11ax HE40	38	5190	11.78
	46	5230	11.34
802.11ax HE80	42	5210	11.64

Conducted Power (Full)					
WLAN 5.2GHz Ant 0+1					
Mode	Channel	Frequency	MIMO Ant 0 Avg. Power	MIMO Ant 1 Avg. Power	MIMO Ant 0+1 Avg. Power
802.11n HT20	36	5180	11.64	11.35	14.51
	40	5200	11.53	11.79	14.67
	44	5220	11.52	11.4	14.47
	48	5240	11.49	11.45	14.48
802.11n HT40	38	5190	11.53	11.39	14.47
	46	5230	11.63	11.72	14.69
802.11ac VHT80	42	5210	11.47	11.3	14.4
802.11ax HE20	36	5180	11.48	11.62	14.56
	40	5200	11.54	11.42	14.49
	44	5220	11.39	11.69	14.55
	48	5240	11.44	11.38	14.42
802.11ax HE40	38	5190	11.74	11.62	14.69
	46	5230	11.52	11.39	14.47
802.11ax HE80	42	5210	11.37	11.58	14.49

Conducted Power (Full)			
WLAN 5.3GHz Ant 0			
Mode	Channel	Frequency	SISO Ant 0 Avg. Power
802.11a	52	5260	11.7
	56	5280	11.35
	60	5300	11.61
	64	5320	11.53
802.11n HT20	52	5260	11.58
	56	5280	11.6
	60	5300	11.66
	64	5320	11.68
802.11n HT40	54	5270	11.57
	62	5310	11.37
802.11ac VHT80	58	5290	11.47
802.11ac VHT160	50	5250	11.97
802.11ax HE20	52	5260	11.6
	56	5280	11.33
	60	5300	11.4
	64	5320	11.8
802.11ax HE40	54	5270	11.8
	62	5310	11.62
802.11ax HE80	58	5290	11.44
802.11ax HE160	50	5250	11.79

Conducted Power (Full)			
WLAN 5.3GHz Ant 1			
Mode	Channel	Frequency	SISO Ant 1 Avg. Power
802.11a	52	5260	11.69
	56	5280	11.65
	60	5300	11.6
	64	5320	11.52
802.11n HT20	52	5260	11.5
	56	5280	11.32
	60	5300	11.44
	64	5320	11.54
802.11n HT40	54	5270	11.53
	62	5310	11.34
802.11ac VHT80	58	5290	11.35
802.11ac VHT160	50	5250	11.96
802.11ax HE20	52	5260	11.57
	56	5280	11.45
	60	5300	11.52
	64	5320	11.35
802.11ax HE40	54	5270	11.33
	62	5310	11.72
802.11ax HE80	58	5290	11.52
802.11ax HE160	50	5250	11.73

Conducted Power (Full)					
WLAN 5.3GHz Ant 0+1					
Mode	Channel	Frequency	MIMO Ant 0 Avg. Power	MIMO Ant 1 Avg. Power	MIMO Ant 0+1 Avg. Power
802.11n HT20	52	5260	11.36	11.63	14.51
	56	5280	11.69	11.61	14.66
	60	5300	11.52	11.47	14.51
	64	5320	11.34	11.64	14.5
802.11n HT40	54	5270	11.66	11.58	14.63
	62	5310	11.41	11.44	14.44
802.11ac VHT80	58	5290	11.7	11.68	14.7
802.11ac VHT160	50	5250	11.94	11.95	14.96
802.11ax HE20	52	5260	11.78	11.42	14.61
	56	5280	11.4	11.5	14.46
	60	5300	11.6	11.47	14.55
	64	5320	11.42	11.54	14.49
802.11ax HE40	54	5270	11.63	11.77	14.71
	62	5310	11.39	11.38	14.4
802.11ax HE80	58	5290	11.41	11.45	14.44
802.11ax HE160	50	5250	11.36	11.34	14.36

Conducted Power (Full)			
WLAN 5.6GHz Ant 0			
Mode	Channel	Frequency	SISO Ant 0 Avg. Power
802.11a	100	5500	12.9
	116	5580	13.01
	120	5600	12.89
	124	5620	13.09
	132	5660	13.17
	140	5700	13.23
	144	5720	13.17
802.11n HT20	100	5500	13.07
	116	5580	12.97
	120	5600	13.08
	124	5620	13
	132	5660	12.8
	140	5700	13.04
	144	5720	13.03
802.11n HT40	102	5510	13.15
	110	5550	13.05
	118	5590	12.86
	126	5630	13.06
	134	5670	12.9
	142	5710	13.3
802.11ac VHT80	106	5530	13.49
	122	5610	13.36
	138	5690	13.41
802.11ac VHT160	114	5570	13.47
802.11ax HE20	100	5500	13.26
	116	5580	13.22
	120	5600	13.22
	124	5620	12.95
	132	5660	13.26
	140	5700	12.87
	144	5720	13.02
802.11ax HE40	102	5510	12.96
	110	5550	13.15
	118	5590	12.95
	126	5630	13.15
	134	5670	13.17
	142	5710	12.94
802.11ax HE80	106	5530	13.01
	122	5610	13.24
	138	5690	13.02
802.11ax HE160	114	5570	13.07

Conducted Power (Full)			
WLAN 5.6GHz Ant 1			
Mode	Channel	Frequency	SISO Ant 1 Avg. Power
802.11a	100	5500	13.25
	116	5580	13.12
	120	5600	12.96
	124	5620	13.22
	132	5660	13.05
	140	5700	13.27
	144	5720	13.17
802.11n HT20	100	5500	13.19
	116	5580	12.94
	120	5600	13.3
	124	5620	13.19
	132	5660	12.95
	140	5700	13.26
	144	5720	13.28
802.11n HT40	102	5510	13.16
	110	5550	13.12
	118	5590	13.05
	126	5630	12.91
	134	5670	13.22
	142	5710	13.17
802.11ac VHT80	106	5530	13.47
	122	5610	13.42
	138	5690	13.43
802.11ac VHT160	114	5570	13.48
802.11ax HE20	100	5500	13.16
	116	5580	13.3
	120	5600	13.29
	124	5620	13.22
	132	5660	12.99
	140	5700	13.3
	144	5720	12.97
802.11ax HE40	102	5510	12.92
	110	5550	13.06
	118	5590	12.99
	126	5630	13.13
	134	5670	13.15
	142	5710	13.25
802.11ax HE80	106	5530	13.03
	122	5610	12.86
	138	5690	12.99
802.11ax HE160	114	5570	13.01

Conducted Power (Full)					
WLAN 5.6GHz Ant 0+1					
Mode	Channel	Frequency	MIMO Ant 0 Avg. Power	MIMO Ant 1 Avg. Power	MIMO Ant 0+1 Avg. Power
802.11n HT20	100	5500	13.08	13.18	16.14
	116	5580	13.13	13.05	16.1
	120	5600	12.95	13	15.99
	124	5620	13.13	12.93	16.04
	132	5660	12.84	12.98	15.92
	140	5700	12.84	12.84	15.85
	144	5720	13.13	13.03	16.09
802.11n HT40	102	5510	12.97	13.18	16.09
	110	5550	12.98	13.11	16.06
	118	5590	12.81	13.25	16.05
	126	5630	13.22	13	16.12
	134	5670	13.14	12.88	16.02
	142	5710	13	13.19	16.11
802.11ac VHT80	106	5530	13.44	13.48	16.47
	122	5610	13.37	13.41	16.4
	138	5690	13.43	13.4	16.43
802.11ac VHT160	114	5570	13.46	13.44	16.46
802.11ax HE20	100	5500	12.87	13.03	15.96
	116	5580	13.15	13.15	16.16
	120	5600	12.82	13.09	15.97
	124	5620	12.87	13.06	15.98
	132	5660	13.15	12.94	16.06
	140	5700	13.27	12.94	16.12
	144	5720	13.06	12.87	15.98
802.11ax HE40	102	5510	13.13	13.06	16.11
	110	5550	13.22	12.94	16.09
	118	5590	12.82	13.28	16.07
	126	5630	13.14	13.12	16.14
	134	5670	13.09	12.82	15.97
	142	5710	13.11	12.82	15.98
802.11ax HE80	106	5530	13.07	12.97	16.03
	122	5610	13.08	13.1	16.1
	138	5690	13.06	13.21	16.15
802.11ax HE160	114	5570	13.06	12.87	15.98

Conducted Power (Full)			
WLAN 5.8GHz Ant 0			
Mode	Channel	Frequency	SISO Ant 0 Avg. Power
802.11a	149	5745	13.31
	153	5765	13.67
	157	5785	13.63
	161	5805	13.61
	165	5825	13.78
802.11n HT20	149	5745	13.8
	153	5765	13.73
	157	5785	13.71
	161	5805	13.74
	165	5825	13.74
802.11n HT40	151	5755	13.66
	159	5795	13.41
802.11ac VHT80	155	5775	13.94
802.11ax HE20	149	5745	13.38
	153	5765	13.56
	157	5785	13.31
	161	5805	13.72
	165	5825	13.63
802.11ax HE40	151	5755	13.33
	159	5795	13.3
802.11ax HE80	155	5775	13.7

Conducted Power (Full)			
WLAN 5.8GHz Ant 1			
Mode	Channel	Frequency	SISO Ant 1 Avg. Power
802.11a	149	5745	13.7
	153	5765	13.69
	157	5785	13.77
	161	5805	13.63
	165	5825	13.43
802.11n HT20	149	5745	13.48
	153	5765	13.52
	157	5785	13.63
	161	5805	13.66
	165	5825	13.47
802.11n HT40	151	5755	13.58
	159	5795	13.43
802.11ac VHT80	155	5775	13.9
802.11ax HE20	149	5745	13.34
	153	5765	13.56
	157	5785	13.66
	161	5805	13.34
	165	5825	13.42
802.11ax HE40	151	5755	13.53
	159	5795	13.7
802.11ax HE80	155	5775	13.78

Conducted Power (Full)					
WLAN 5.8GHz Ant 0+1					
Mode	Channel	Frequency	MIMO Ant 0 Avg. Power	MIMO Ant 1 Avg. Power	MIMO Ant 0+1 Avg. Power
802.11n HT20	149	5745	13.54	13.79	16.68
	153	5765	13.61	13.75	16.69
	157	5785	13.75	13.38	16.58
	161	5805	13.67	13.78	16.74
	165	5825	13.66	13.78	16.73
802.11n HT40	151	5755	13.6	13.62	16.62
	159	5795	13.45	13.44	16.46
802.11ac VHT80	155	5775	13.95	13.97	16.97
802.11ax HE20	149	5745	13.76	13.72	16.75
	153	5765	13.54	13.62	16.59
	157	5785	13.74	13.64	16.7
	161	5805	13.43	13.64	16.55
	165	5825	13.74	13.39	16.58
802.11ax HE40	151	5755	13.3	13.39	16.36
	159	5795	13.32	13.36	16.35
802.11ax HE80	155	5775	13.44	13.39	16.43

Conducted Power (Full)			
UNII-5 Ant 0			
Mode	Channel	Frequency	SISO Ant 0 Avg. Power
802.11ax HE20	1	5955	4.72
	5	5975	4.66
	9	5995	4.69
	13	6015	4.71
	17	6035	4.46
	21	6055	4.66
	25	6075	4.51
	29	6095	4.36
	33	6115	4.32
	37	6135	4.69
	41	6155	4.76
	45	6175	4.55
	49	6195	4.5
	53	6215	4.42
	57	6235	4.58
	61	6255	4.42
	65	6275	4.31
	69	6295	4.68
	73	6315	4.63
	77	6335	4.61
	81	6355	4.51
	85	6375	4.58
	89	6395	4.72
	93	6415	4.4
802.11ax HE40	3	5965	7.38
	11	6005	7.71
	19	6045	7.8
	27	6085	7.66
	35	6125	7.77
	43	6165	7.71
	51	6205	7.39
	59	6245	7.38
	67	6285	7.3
	75	6325	7.44
802.11ax HE80	7	5985	9.62
	23	6065	9.78
	39	6145	9.64
	55	6225	9.65
	71	6305	9.34
	87	6385	9.76
802.11ax HE160	15	6025	11.96
	47	6185	11.94
	79	6345	11.92

Conducted Power (Full)			
UNII-5 Ant 1			
Mode	Channel	Frequency	SISO Ant 1 Avg. Power
802.11ax HE20	1	5955	4.37
	5	5975	4.79
	9	5995	4.49
	13	6015	4.65
	17	6035	4.48
	21	6055	4.68
	25	6075	4.46
	29	6095	4.57
	33	6115	4.63
	37	6135	4.55
	41	6155	4.63
	45	6175	4.5
	49	6195	4.77
	53	6215	4.75
	57	6235	4.37
	61	6255	4.58
	65	6275	4.7
	69	6295	4.72
	73	6315	4.7
	77	6335	4.49
	81	6355	4.57
	85	6375	4.58
	89	6395	4.4
	93	6415	4.65
802.11ax HE40	3	5965	7.57
	11	6005	7.57
	19	6045	7.53
	27	6085	7.78
	35	6125	7.41
	43	6165	7.59
	51	6205	7.35
	59	6245	7.46
	67	6285	7.69
	75	6325	7.74
802.11ax HE80	7	5985	9.69
	23	6065	9.36
	39	6145	9.67
	55	6225	9.32
	71	6305	9.54
	87	6385	9.62
802.11ax HE160	15	6025	11.95
	47	6185	11.9
	79	6345	11.88

Conducted Power (Full)					
UNII-5 Ant 0+1					
Mode	Channel	Frequency	MIMO Ant 0 Avg. Power	MIMO Ant 1 Avg. Power	MIMO Ant 0+1 Avg. Power
802.11ax HE20	1	5955	1.32	1.45	4.4
	5	5975	1.78	1.57	4.69
	9	5995	1.66	1.34	4.51
	13	6015	1.34	1.78	4.58
	17	6035	1.67	1.57	4.63
	21	6055	1.34	1.71	4.54
	25	6075	1.41	1.46	4.45
	29	6095	1.71	1.56	4.65
	33	6115	1.68	1.7	4.7
	37	6135	1.32	1.8	4.58
	41	6155	1.68	1.67	4.69
	45	6175	1.32	1.76	4.56
	49	6195	1.71	1.68	4.71
	53	6215	1.41	1.45	4.44
	57	6235	1.62	1.36	4.5
	61	6255	1.64	1.31	4.49
	65	6275	1.77	1.48	4.64
	69	6295	1.67	1.6	4.65
	73	6315	1.7	1.61	4.67
	77	6335	1.46	1.64	4.56
	81	6355	1.37	1.66	4.53
	85	6375	1.75	1.41	4.59
	89	6395	1.58	1.56	4.58
	93	6415	1.57	1.6	4.6
802.11ax HE40	3	5965	4.59	4.79	7.7
	11	6005	4.75	4.68	7.73
	19	6045	4.64	4.57	7.62
	27	6085	4.7	4.78	7.75
	35	6125	4.67	4.37	7.53
	43	6165	4.54	4.6	7.58
	51	6205	4.58	4.63	7.62
	59	6245	4.8	4.8	7.81
	67	6285	4.39	4.71	7.56
	75	6325	4.4	4.35	7.39
	83	6365	4.52	4.55	7.55
	91	6405	4.33	4.42	7.39
802.11ax HE80	7	5985	6.75	6.52	9.65
	23	6065	6.78	6.35	9.58
	39	6145	6.7	6.46	9.59
	55	6225	6.63	6.4	9.53
	71	6305	6.55	6.46	9.52
	87	6385	6.47	6.5	9.5
802.11ax HE160	15	6025	9.95	9.97	12.97
	47	6185	9.88	9.89	12.9
	79	6345	9.91	9.9	12.92

Conducted Power (Full)			
UNII-6 Ant 0			
Mode	Channel	Frequency	SISO Ant 0 Avg. Power
802.11ax HE20	97	6435	4.76
	101	6455	4.35
	105	6475	4.72
	109	6495	4.69
	113	6515	4.38
	117	6535	4.78
802.11ax HE40	99	6445	7.59
	107	6485	7.43
	115	6525	7.63
802.11ax HE80	103	6465	9.64
	119	6545	9.52
802.11ax HE160	111	6505	11.88

Conducted Power (Full)			
UNII-6 Ant 1			
Mode	Channel	Frequency	SISO Ant 1 Avg. Power
802.11ax HE20	97	6435	4.39
	101	6455	4.72
	105	6475	4.46
	109	6495	4.75
	113	6515	4.66
	117	6535	4.72
802.11ax HE40	99	6445	7.62
	107	6485	7.51
	115	6525	7.41
802.11ax HE80	103	6465	9.46
	119	6545	9.67
802.11ax HE160	111	6505	11.9

Conducted Power (Full)					
UNII-6 Ant 0+1					
Mode	Channel	Frequency	MIMO Ant 0 Avg. Power	MIMO Ant 1 Avg. Power	MIMO Ant 0+1 Avg. Power
802.11ax HE20	97	6435	1.56	1.35	4.47
	101	6455	1.8	1.73	4.78
	105	6475	1.48	1.35	4.43
	109	6495	1.3	1.8	4.57
	113	6515	1.75	1.76	4.77
	117	6535	1.62	1.55	4.6
802.11ax HE40	99	6445	4.69	4.78	7.75
	107	6485	4.34	4.78	7.58
	115	6525	4.8	4.54	7.68
802.11ax HE80	103	6465	6.47	6.58	9.54
	119	6545	6.49	6.77	9.64
802.11ax HE160	111	6505	9.88	9.84	12.87

Conducted Power (Full)			
UNII-7 Ant 0			
Mode	Channel	Frequency	SISO Ant 0 Avg. Power
802.11ax HE20	121	6555	4.53
	125	6575	4.69
	129	6595	4.35
	133	6615	4.31
	137	6635	4.68
	141	6655	4.53
	145	6675	4.61
	149	6695	4.42
	153	6715	4.56
	157	6735	4.45
	161	6755	4.54
	165	6775	4.63
	169	6795	4.65
	173	6815	4.56
	177	6835	4.38
	181	6855	4.42
	185	6875	4.76
802.11ax HE40	123	6565	7.35
	131	6605	7.75
	139	6645	7.56
	147	6685	7.56
	155	6725	7.47
	163	6765	7.33
	171	6805	7.33
	179	6845	7.39
802.11ax HE80	187	6885	7.37
	135	6625	9.74
	151	6705	9.74
	167	6785	9.72
802.11ax HE160	183	6865	9.8
	143	6665	11.87
	175	6825	11.92

Conducted Power (Full)			
UNII-7 Ant 1			
Mode	Channel	Frequency	SISO Ant 1 Avg. Power
802.11ax HE20	121	6555	4.6
	125	6575	4.69
	129	6595	4.64
	133	6615	4.56
	137	6635	4.47
	141	6655	4.65
	145	6675	4.77
	149	6695	4.72
	153	6715	4.54
	157	6735	4.54
	161	6755	4.59
	165	6775	4.51
	169	6795	4.49
	173	6815	4.48
	177	6835	4.8
	181	6855	4.76
	185	6875	4.78
802.11ax HE40	123	6565	7.58
	131	6605	7.47
	139	6645	7.37
	147	6685	7.36
	155	6725	7.44
	163	6765	7.72
	171	6805	7.45
	179	6845	7.47
802.11ax HE80	187	6885	7.51
	135	6625	9.67
	151	6705	9.78
	167	6785	9.76
802.11ax HE160	183	6865	9.8
	143	6665	11.89
	175	6825	11.93

Conducted Power (Full)					
UNII-7 Ant 0+1					
Mode	Channel	Frequency	MIMO Ant 0 Avg. Power	MIMO Ant 1 Avg. Power	MIMO Ant 0+1 Avg. Power
802.11ax HE20	121	6555	1.69	1.71	4.71
	125	6575	1.8	1.7	4.76
	129	6595	1.69	1.5	4.61
	133	6615	1.61	1.43	4.53
	137	6635	1.68	1.79	4.75
	141	6655	1.3	1.43	4.38
	145	6675	1.51	1.42	4.48
	149	6695	1.55	1.68	4.63
	153	6715	1.32	1.38	4.36
	157	6735	1.76	1.44	4.61
	161	6755	1.47	1.66	4.58
	165	6775	1.57	1.56	4.58
	169	6795	1.79	1.33	4.58
	173	6815	1.31	1.44	4.39
	177	6835	1.37	1.34	4.37
	181	6855	1.69	1.44	4.58
	185	6875	1.45	1.48	4.48
802.11ax HE40	123	6565	4.8	4.69	7.76
	131	6605	4.43	4.52	7.49
	139	6645	4.39	4.55	7.48
	147	6685	4.42	4.77	7.61
	155	6725	4.62	4.52	7.58
	163	6765	4.79	4.52	7.67
	171	6805	4.36	4.56	7.47
	179	6845	4.6	4.78	7.7
802.11ax HE80	187	6885	4.64	4.52	7.59
	135	6625	6.8	6.35	9.59
	151	6705	6.35	6.51	9.44
	167	6785	6.79	6.41	9.61
802.11ax HE160	183	6865	6.76	6.77	9.78
	143	6665	9.86	9.88	12.88
	175	6825	9.84	9.91	12.89

Conducted Power (Full)			
UNII-8 Ant 0			
Mode	Channel	Frequency	SISO Ant 0 Avg. Power
802.11ax HE20	189	6895	4.36
	193	6915	4.39
	197	6935	4.7
	201	6955	4.57
	205	6975	4.65
	209	6995	4.76
	213	7015	4.67
	217	7035	4.77
	221	7055	4.79
	225	7075	4.42
	229	7095	4.61
	233	7115	4.49
802.11ax HE40	195	6925	7.49
	203	6965	7.67
	211	7005	7.4
	219	7045	7.74
	227	7085	7.7
802.11ax HE80	199	6945	9.61
	215	7025	9.54
802.11ax HE160	207	6985	11.89

Conducted Power (Full)			
UNII-8 Ant 1			
Mode	Channel	Frequency	SISO Ant 1 Avg. Power
802.11ax HE20	189	6895	4.49
	193	6915	4.32
	197	6935	4.34
	201	6955	4.72
	205	6975	4.37
	209	6995	4.64
	213	7015	4.8
	217	7035	4.33
	221	7055	4.7
	225	7075	4.33
	229	7095	4.37
	233	7115	4.39
802.11ax HE40	195	6925	7.53
	203	6965	7.76
	211	7005	7.45
	219	7045	7.79
	227	7085	7.73
802.11ax HE80	199	6945	9.38
	215	7025	9.61
802.11ax HE160	207	6985	11.88

Conducted Power (Full)					
UNII-8 Ant 0+1					
Mode	Channel	Frequency	MIMO Ant 0 Avg. Power	MIMO Ant 1 Avg. Power	MIMO Ant 0+1 Avg. Power
802.11ax HE20	189	6895	1.48	1.73	4.62
	193	6915	1.72	1.73	4.74
	197	6935	1.74	1.67	4.72
	201	6955	1.74	1.79	4.78
	205	6975	1.52	1.74	4.64
	209	6995	1.67	1.63	4.66
	213	7015	1.46	1.46	4.47
	217	7035	1.71	1.39	4.56
	221	7055	1.8	1.5	4.66
	225	7075	1.69	1.65	4.68
	229	7095	1.72	1.5	4.62
	233	7115	1.63	1.45	4.55
802.11ax HE40	195	6925	4.32	4.38	7.36
	203	6965	4.69	4.49	7.6
	211	7005	4.72	4.42	7.58
	219	7045	4.62	4.57	7.61
	227	7085	4.67	4.74	7.72
802.11ax HE80	199	6945	6.55	6.33	9.45
	215	7025	9.85	9.87	12.87
802.11ax HE160	207	6985	9.88	9.91	12.91

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 separation distance between WWAN transmitter and bottom of laptop is more than 20 cm, SAR are not required for that position.
3. Per KDB 388624 APPENDIX OVER6G, the minimum of 5 channels to perform IPD across U-NII 5,6,7 and 8. and measured results were scaled by factor 1.545 to reported power density when measurement uncertainty exceed 30%.

Body SAR Test Result

Body SAR Test Result															
System & Position						DUT Configuration		SAR							
Plot No.	Band	Mode	Test Position	Separation Distance (mm)	Channel	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	98.50	1.02	14.00	13.98	1.00	0.12	0.406	0.41
	WLAN2.4G	802.11b	Bottom	0	6	Speed	Ant 1	98.50	1.02	14.00	13.97	1.01	0.06	0.292	0.30
	WLAN2.4G	802.11n HT40	Bottom	0	6	Speed	Ant 0+1	98.70	1.01	17.00	16.97	1.01	0.04	0.428	0.44
14	WLAN2.4G	802.11n HT40	Bottom	0	3	Speed	Ant 0+1	98.70	1.01	17.00	16.92	1.02	0.07	0.454	0.47
	WLAN2.4G	802.11n HT40	Bottom	0	9	Speed	Ant 0+1	98.70	1.01	17.00	16.91	1.02	0.11	0.424	0.44
	WLAN2.4G	802.11n HT40	Bottom	0	10	Speed	Ant 0+1	98.70	1.01	15.00	14.90	1.02	-0.17	0.242	0.25
	WLAN2.4G	802.11n HT40	Bottom	0	11	Speed	Ant 0+1	98.70	1.01	12.00	11.94	1.01	0.01	0.16	0.16
	WLAN2.4G	802.11n HT40	Bottom	0	3	HB	Ant 0+1	98.70	1.01	17.00	16.92	1.02	0.02	0.449	0.46
	WLAN2.4G	802.11n HT40	Bottom	0	3	Auden	Ant 0+1	98.70	1.01	17.00	16.92	1.02	0.07	0.443	0.46
	WLAN5.3G	802.11ac VHT160	Bottom	0	50	Speed	Ant 0	98.40	1.02	12.00	11.97	1.01	-0.02	0.662	0.68
	WLAN5.3G	802.11ac VHT160	Bottom	0	50	Speed	Ant 1	98.60	1.01	12.00	11.96	1.01	0.08	0.601	0.61
15	WLAN5.3G	802.11ac VHT160	Bottom	0	50	Speed	Ant 0+1	98.20	1.02	15.00	14.96	1.01	-0.11	0.758	0.78
	WLAN5.3G	802.11ac VHT160	Bottom	0	50	HB	Ant 0+1	98.20	1.02	15.00	14.96	1.01	0.11	0.726	0.75
	WLAN5.3G	802.11ac VHT160	Bottom	0	50	Auden	Ant 0+1	98.20	1.02	15.00	14.96	1.01	0.02	0.675	0.70
	WLAN5.6G	802.11ac VHT160	Bottom	0	114	Speed	Ant 0	98.40	1.02	13.50	13.47	1.01	0.19	1.09	1.12
	WLAN5.6G	802.11ac VHT160	Bottom	0	114	Speed	Ant 1	98.60	1.01	13.50	13.48	1.00	0.07	0.918	0.93
16	WLAN5.6G	802.11ac VHT160	Bottom	0	114	Speed	Ant 0+1	98.20	1.02	16.50	16.46	1.01	-0.12	1.15	1.18
	WLAN5.6G	802.11ac VHT160	Bottom	0	114	HB	Ant 0+1	98.20	1.02	16.50	16.46	1.01	-0.06	1.04	1.07
	WLAN5.6G	802.11ac VHT160	Bottom	0	114	Auden	Ant 0+1	98.20	1.02	16.50	16.46	1.01	0.17	1.01	1.04
	WLAN5.6G	802.11ac VHT160	Bottom	0	114	Speed	Ant 0+1	98.20	1.02	16.50	16.46	1.01	-0.12	1.11	1.14
	WLAN5.8G	802.11ac VHT80	Bottom	0	155	Speed	Ant 0	98.20	1.02	14.00	13.94	1.01	0.15	0.559	0.58
	WLAN5.8G	802.11ac VHT80	Bottom	0	155	Speed	Ant 1	98.20	1.02	14.00	13.90	1.02	0.16	0.486	0.51
18	WLAN5.8G	802.11ac VHT80	Bottom	0	155	Speed	Ant 0+1	99.00	1.01	17.00	16.97	1.01	-0.07	1.17	1.19
	WLAN5.8G	802.11ac VHT80	Bottom	0	155	HB	Ant 0+1	99.00	1.01	17.00	16.97	1.01	0.13	1.11	1.13
	WLAN5.8G	802.11ac VHT80	Bottom	0	155	Auden	Ant 0+1	99.00	1.01	17.00	16.97	1.01	0.1	1.04	1.06
	WLAN5.8G	802.11ac VHT80	Bottom	0	155	Speed	Ant 0+1	99.00	1.01	17.00	16.97	1.01	-0.07	1.11	1.13
	BT	BDR	Bottom	0	39	Speed	Ant 1	76.90	1.30	11.00	10.92	1.02	0.19	0.16	0.21
	BT	BDR	Bottom	0	0	Speed	Ant 1	76.90	1.30	11.00	10.86	1.03	-0.13	0.116	0.16
19	BT	BDR	Bottom	0	78	Speed	Ant 1	76.90	1.30	11.00	10.84	1.04	-0.04	0.205	0.28
	BT	BDR	Bottom	0	78	HB	Ant 1	76.90	1.30	11.00	10.84	1.04	-0.03	0.194	0.26
	BT	BDR	Bottom	0	78	Auden	Ant 1	76.90	1.30	11.00	10.84	1.04	0.06	0.181	0.24



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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	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 ² (4cm ²)	Scaled APD W/m ² (4cm ²)	Grid Step [λ]	iPD [W/m2]	Scaling Factor for Measurement Uncertainty	Averaging Area [cm2]	Power Drift [dB]	Normal psPD [W/m2]	Scaled Normal psPD [W/m2]	Total psPD [W/m2]	Scaled Total psPD [W/m2]	
	WLAN6G	802.11ax HE160	Bottom	0	15	Speed	Ant 0	98.00	1.02	12.00	11.96	1.01	-0.05	0.548	0.56	4.54	4.68	0.0502	15.68	1.545	4.00	-0.08	2.08	3.28	3.15	5.01	
	WLAN6G	802.11ax HE160	Bottom	0	15	Speed	Ant 1	97.80	1.02	12.00	11.95	1.01	0	0.446	0.46	3.47	3.57										
	WLAN6G	802.11ax HE160	Bottom	0	15	Speed	Ant 0+1	97.80	1.02	13.00	12.97	1.01	-0.09	0.341	0.35	2.83	2.92										
	WLAN6G	802.11ax HE160	Bottom	0	47	Speed	Ant 0	98.00	1.02	12.00	11.94	1.01	0.13	0.625	0.64	4.33	4.46										
20	WLAN6G	802.11ax HE160	Bottom	0	79	Speed	Ant 0	98.00	1.02	12.00	11.92	1.02	0.02	0.856	0.89	5.34	5.56	0.0529	24.50	1.545	4.00	0.17	3.25	5.12	4.96	7.97	
	WLAN6G	802.11ax HE160	Bottom	0	111	Speed	Ant 0	98.00	1.02	12.00	11.88	1.03	0.12	0.827	0.87	5.06	5.32	0.0542	23.66	1.545	4.00	0.12	3.13	4.93	4.81	7.81	
	WLAN6G	802.11ax HE160	Bottom	0	143	Speed	Ant 0	98.00	1.02	12.00	11.87	1.03	0.04	0.559	0.59	3.64	3.82	0.0555	15.99	1.545	4.00	0.05	2.16	3.4	3.21	5.21	
	WLAN6G	802.11ax HE160	Bottom	0	175	Speed	Ant 0	98.00	1.02	12.00	11.92	1.02	0.13	0.318	0.33	2.22	2.31	0.0569	9.12	1.545	4.00	-0.6	1.17	1.84	1.86	2.99	
	WLAN6G	802.11ax HE160	Bottom	0	207	Speed	Ant 0	98.00	1.02	12.00	11.89	1.03	-0.17	0.181	0.19	1.39	1.46										
	WLAN6G	802.11ax HE160	Bottom	0	79	HB	Ant 0	98.00	1.02	12.00	11.92	1.02	0.06	0.842	0.88	5.21	5.42										
	WLAN6G	802.11ax HE160	Bottom	0	79	Auden	Ant 0	98.00	1.02	12.00	11.92	1.02	0.12	0.844	0.88	5.25	5.46										
	WLAN6G	802.11ax HE160	Bottom	0	15	HB	Ant 0	98.00	1.02	12.00	11.96	1.01	-0.18	0.531	0.55	4.40	4.54										
	WLAN6G	802.11ax HE160	Bottom	0	47	HB	Ant 0	98.00	1.02	12.00	11.94	1.01	0.15	0.606	0.62	4.20	4.33										
	WLAN6G	802.11ax HE160	Bottom	0	111	HB	Ant 0	98.00	1.02	12.00	11.88	1.03	-0.02	0.802	0.84	4.91	5.16										
	WLAN6G	802.11ax HE160	Bottom	0	143	HB	Ant 0	98.00	1.02	12.00	11.87	1.03	0.18	0.542	0.57	3.53	3.71										
	WLAN6G	802.11ax HE160	Bottom	0	175	HB	Ant 0	98.00	1.02	12.00	11.92	1.02	-0.19	0.308	0.32	2.15	2.24										
	WLAN6G	802.11ax HE160	Bottom	0	207	HB	Ant 0	98.00	1.02	12.00	11.89	1.03	-0.18	0.176	0.18	1.35	1.42										
	WLAN6G	802.11ax HE160	Bottom	0	15	Auden	Ant 0	98.00	1.02	12.00	11.96	1.01	0.09	0.537	0.55	4.45	4.58										
	WLAN6G	802.11ax HE160	Bottom	0	47	Auden	Ant 0	98.00	1.02	12.00	11.94	1.01	0.02	0.613	0.63	4.24	4.37										
	WLAN6G	802.11ax HE160	Bottom	0	111	Auden	Ant 0	98.00	1.02	12.00	11.88	1.03	0.03	0.810	0.85	4.96	5.21										
	WLAN6G	802.11ax HE160	Bottom	0	143	Auden	Ant 0	98.00	1.02	12.00	11.87	1.03	-0.08	0.548	0.58	3.57	3.75										
	WLAN6G	802.11ax HE160	Bottom	0	175	Auden	Ant 0	98.00	1.02	12.00	11.92	1.02	-0.19	0.312	0.32	2.18	2.26										
	WLAN6G	802.11ax HE160	Bottom	0	207	Auden	Ant 0	98.00	1.02	12.00	11.89	1.03	0.16	0.177	0.19	1.36	1.43										
	WLAN6G	802.11ax HE160	Bottom	0	79	Speed	Ant 0	98.00	1.02	12.00	11.92	1.02	0.02	0.831	0.86	5.21	5.42										

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	1	2	3	4	A (1 + 4)	B (2 + 4)	C (3 + 4)
	Max WLAN 2.4GHz	Max WLAN 5GHz	Max WLAN 6GHz	Max BT	Summimg result 1g SAR W/kg	Summimg result 1g SAR W/kg	Summimg result 1g SAR W/kg
	1g SAR W/kg	1g SAR W/kg	1g SAR W/kg	1g SAR W/kg			
Bottom	0.47	1.19	0.89	0.28	0.75	1.47	1.17

Total Exposure Ratio			
Position	1	2	C (1 + 2)
	Max WLAN 6GHz	Max BT	Total Exposure Ratio
	4cm ² W/m ²	1g SAR W/kg	
Bottom	7.97	0.28	0.97