

Annex 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: 2022/08/16

S01 System Check_H2450_220816

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

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

Medium: H19T27N1_0816 Medium parameters used (interpolated): $f = 2450$ MHz; $\sigma = 1.876$ S/m; $\epsilon_r = 38.596$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 23.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7472; ConvF(7.89, 7.89, 7.89) @ 2450 MHz; Calibrated: 2022/05/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1431; Calibrated: 2022/02/23
- Phantom: ELI Phantom_2105; Type: QD OVA 004 Ax;
- 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) = 4.29 W/kg

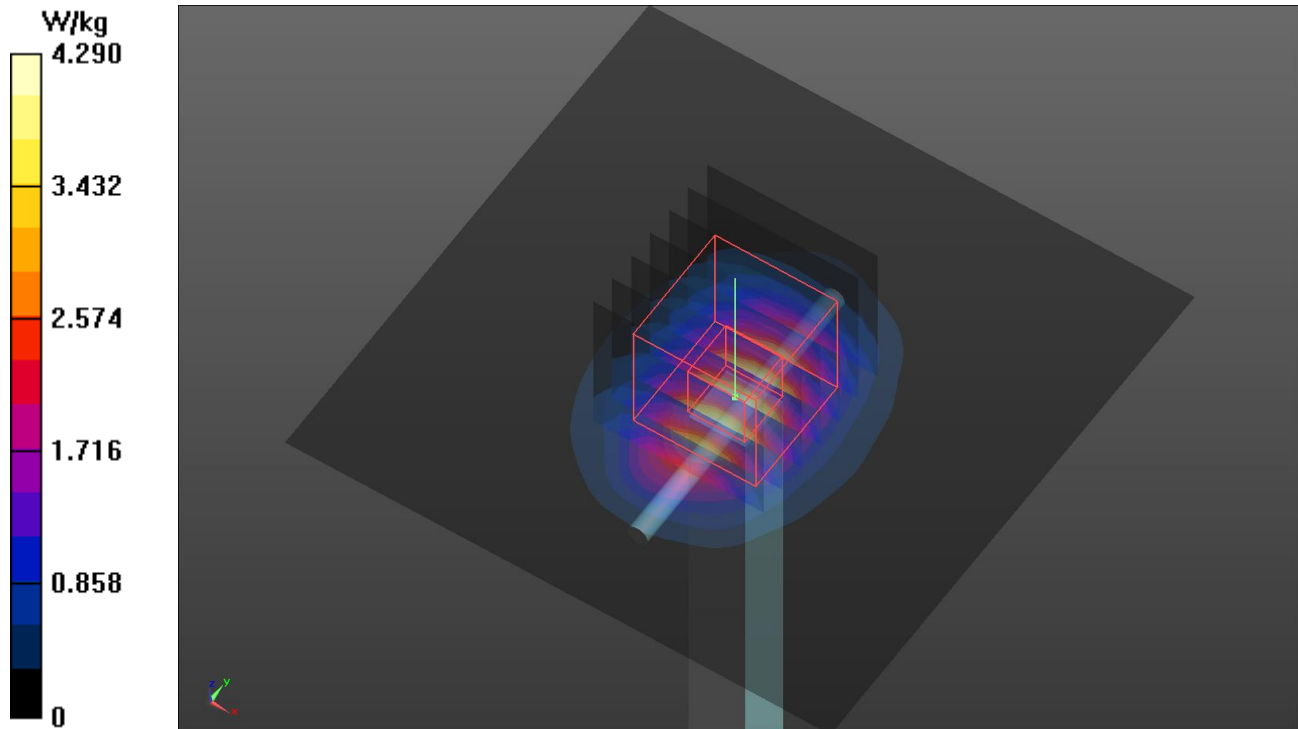
Pin=50mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 46.55 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 5.39 W/kg

SAR(1 g) = 2.51 W/kg; SAR(10 g) = 1.19 W/kg (SAR corrected for target medium)

Maximum value of SAR (measured) = 4.34 W/kg



Plots of System Verification

Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab

Date: 2022/08/17

S02 System Check_H5250_220817

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

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

Medium: H34T60N1_0817 Medium parameters used: $f = 5250$ MHz; $\sigma = 4.704$ S/m; $\epsilon_r = 36.205$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C ; Liquid Temperature : 23.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7472; ConvF(5.89, 5.89, 5.89) @ 5250 MHz; Calibrated: 2022/05/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1431; Calibrated: 2022/02/23
- Phantom: ELI Phantom_2105; Type: QD OVA 004 Ax;
- 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) = 10.0 W/kg

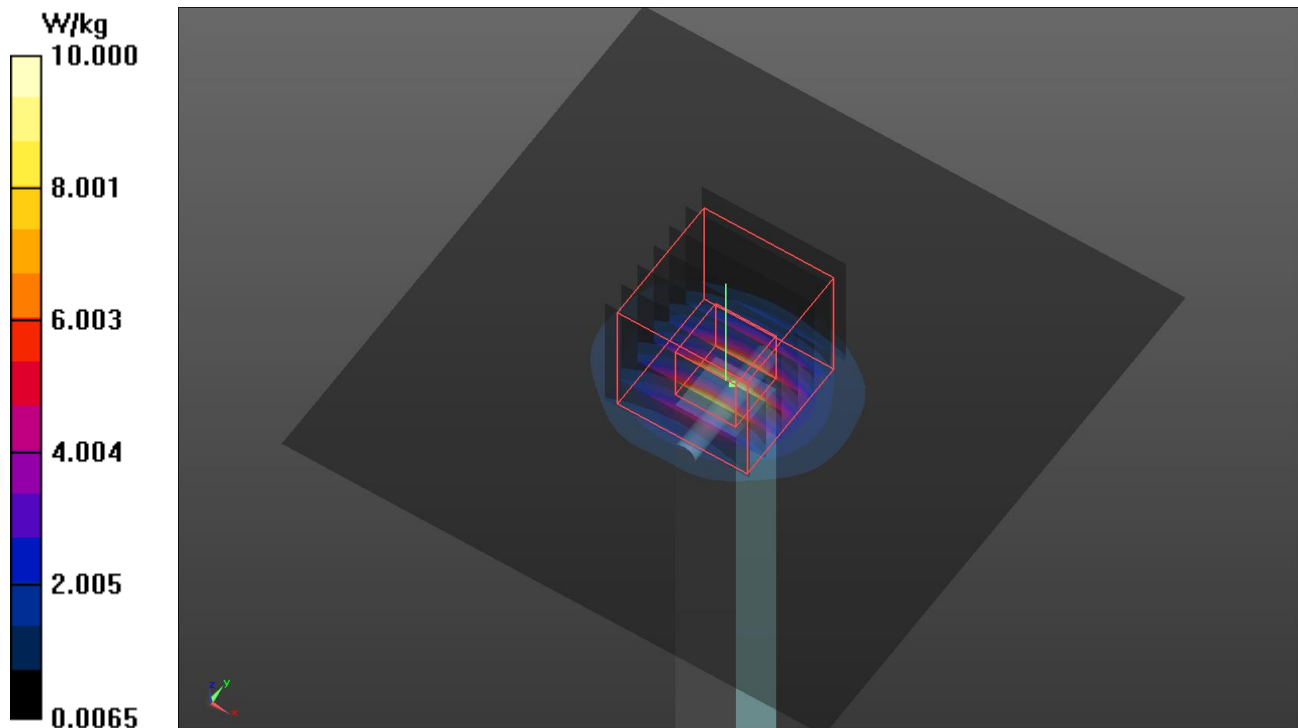
Pin=50mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=1.4$ mm

Reference Value = 51.94 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 17.1 W/kg

SAR(1 g) = 4.35 W/kg; SAR(10 g) = 1.26 W/kg (SAR corrected for target medium)

Maximum value of SAR (measured) = 10.8 W/kg



Plots of System Verification

Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab

Date: 2022/08/17

S03 System Check_H5600_220817

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

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

Medium: H34T60N1_0817 Medium parameters used: $f = 5600$ MHz; $\sigma = 4.997$ S/m; $\epsilon_r = 35.803$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C ; Liquid Temperature : 23.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7472; ConvF(5.04, 5.04, 5.04) @ 5600 MHz; Calibrated: 2022/05/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1431; Calibrated: 2022/02/23
- Phantom: ELI Phantom_2105; Type: QD OVA 004 Ax;
- 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) = 11.8 W/kg

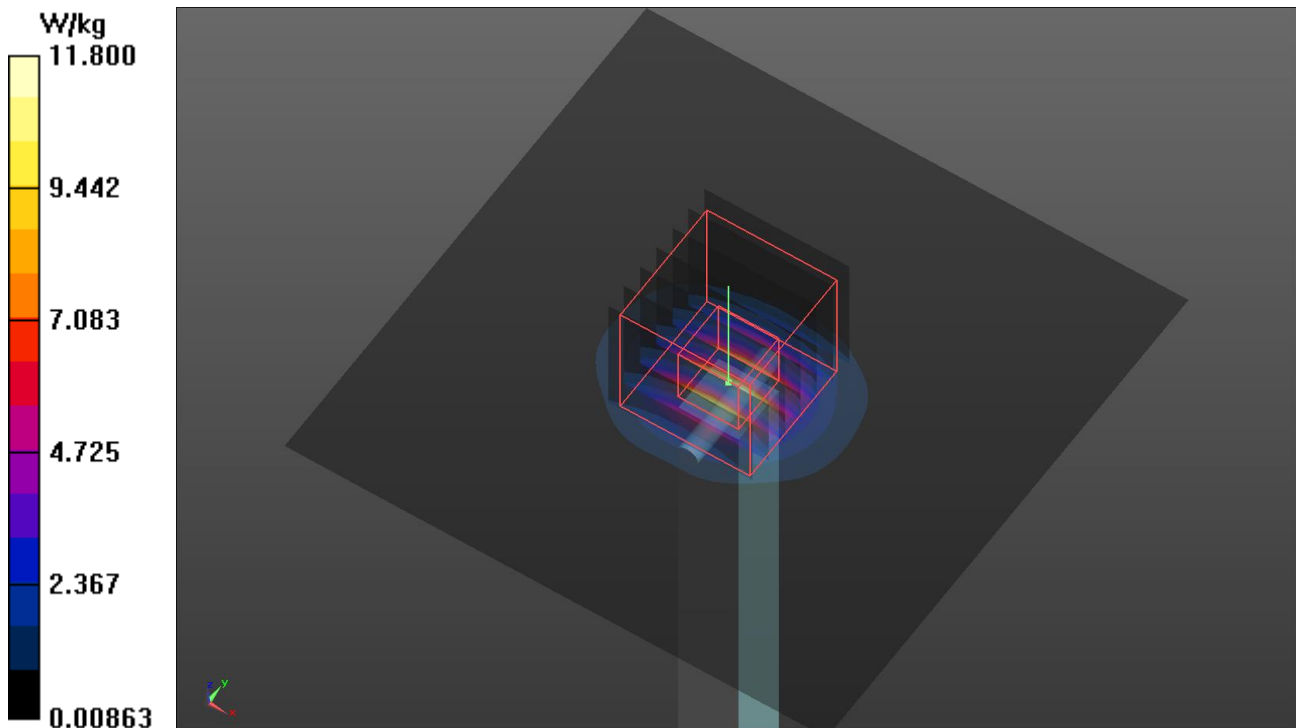
Pin=50mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 54.38 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 21.4 W/kg

SAR(1 g) = 4.45 W/kg; SAR(10 g) = 1.18 W/kg (SAR corrected for target medium)

Maximum value of SAR (measured) = 12.7 W/kg



Plots of System Verification

Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab

Date: 2022/08/18

S04 System Check_H5750_220818

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

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

Medium: H34T60N1_0818 Medium parameters used: $f = 5750$ MHz; $\sigma = 5.255$ S/m; $\epsilon_r = 35.49$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C ; Liquid Temperature : 23.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7472; ConvF(5.28, 5.28, 5.28) @ 5750 MHz; Calibrated: 2022/05/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1431; Calibrated: 2022/02/23
- Phantom: ELI Phantom_2105; Type: QD OVA 004 Ax;
- 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) = 10.8 W/kg

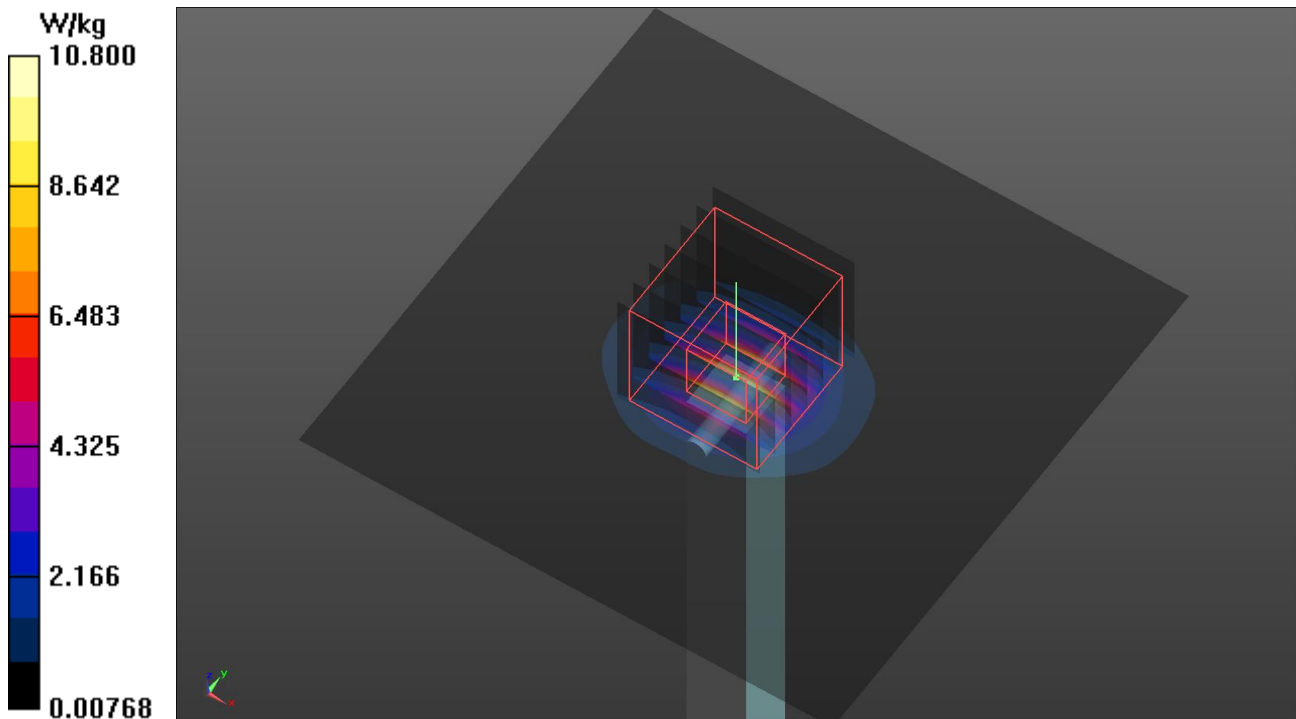
Pin=50mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 51.06 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 20.0 W/kg

SAR(1 g) = 4.37 W/kg; SAR(10 g) = 1.24 W/kg (SAR corrected for target medium)

Maximum value of SAR (measured) = 11.6 W/kg



Plots of System Verification

Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab

Date: 2022/08/16

S05 System Check_H2450_220816

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

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

Medium: H19T27N1_0816 Medium parameters used (interpolated): $f = 2450$ MHz; $\sigma = 1.876$ S/m; $\epsilon_r = 38.596$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 23.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7472; ConvF(7.89, 7.89, 7.89) @ 2450 MHz; Calibrated: 2022/05/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1431; Calibrated: 2022/02/23
- Phantom: ELI Phantom_2105; Type: QD OVA 004 Ax;
- 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) = 4.29 W/kg

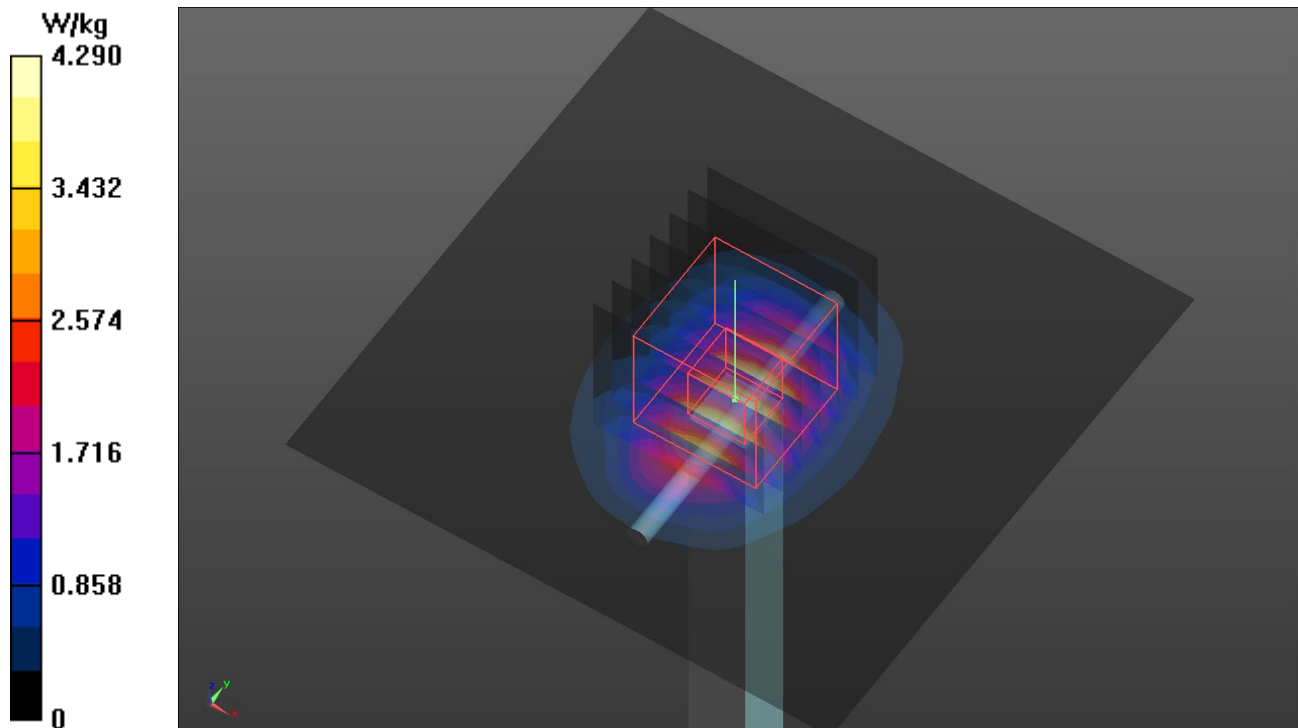
Pin=50mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 46.55 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 5.39 W/kg

SAR(1 g) = 2.51 W/kg; SAR(10 g) = 1.19 W/kg (SAR corrected for target medium)

Maximum value of SAR (measured) = 4.34 W/kg



Plots of System Verification

Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab

Date: 2022/08/12

S06 System Check_H13_220812

DUT: Dipole 13 MHz; Type: CLA13; SN: 1018

Communication System: UID 0, CW (0); Frequency: 13 MHz; Duty Cycle: 1:1

Medium: H06_0812 Medium parameters used (interpolated): $f = 13$ MHz; $\sigma = 0.727$ S/m; $\epsilon_r = 55.95$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C ; Liquid Temperature : 23.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7720; ConvF(16.69, 16.69, 16.69) @ 13 MHz; Calibrated: 2022/03/21
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1698; Calibrated: 2021/11/09
- Phantom: ELI Phantom_2105; Type: QD OVA 004 Ax;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Area Scan (241x241x1): Interpolated grid: $dx=1.000$ mm, $dy=1.000$ mm

Maximum value of SAR (interpolated) = 0.0218 W/kg

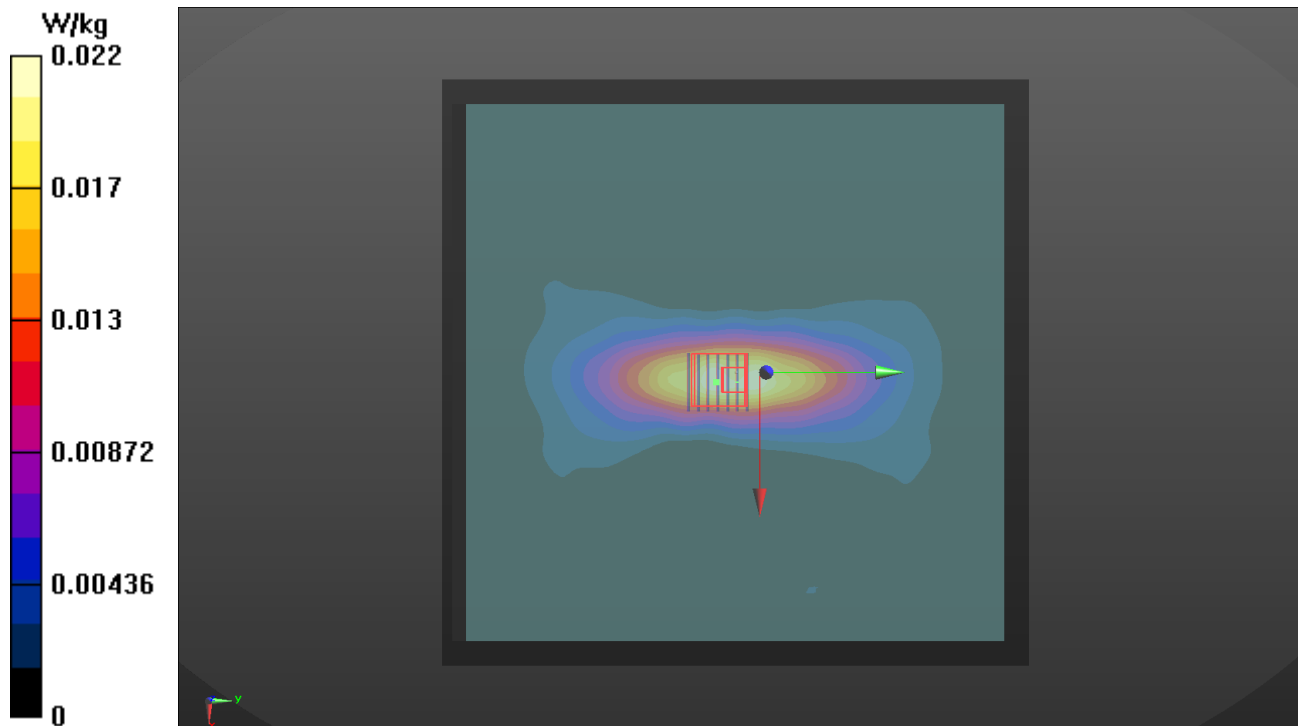
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=1.4$ mm

Reference Value = 5.200 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.0300 W/kg

SAR(1 g) = 0.014 W/kg; SAR(10 g) = 0.00822 W/kg (SAR corrected for target medium)

Maximum value of SAR (measured) = 0.0201 W/kg



Plots of System Verification

Measurement Report S07 System Check_H6500_220818 Device under Test Properties

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

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, HSL				6500.0	5.6	6.17	33.8

Hardware Setup

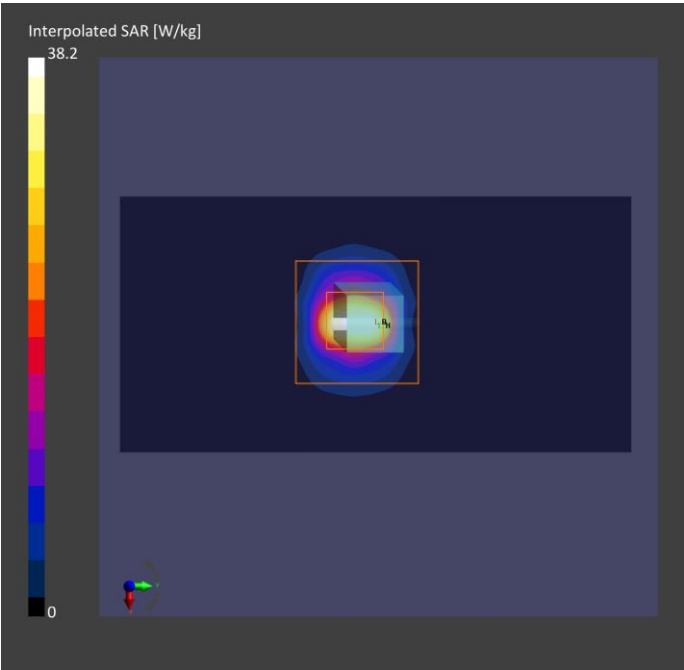
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V8.0 (20deg probe tilt) - 2105	H50T72N1 , 2022-Aug-18	EX3DV4 - SN7472, 2022-05-27	DAE4 Sn1431, 2022-02-23

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	2022-08-18	2022-08-18
psSAR1g [W/Kg]	25.0	29.1
psSAR10g [W/Kg]	5.04	5.39
psPDab (1.0cm2, sq) [W/m2]		305
psPDab (4.0cm2, sq) [W/m2]		142
Power Drift [dB]	0.02	-0.03
M2/M1 [%]		51.9
Dist 3dB Peak [mm]		4.8



Plots of System Verification

Measurement Report S07 PD_System Check_10 GHz_2022.08.18 Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
SPEAG, 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

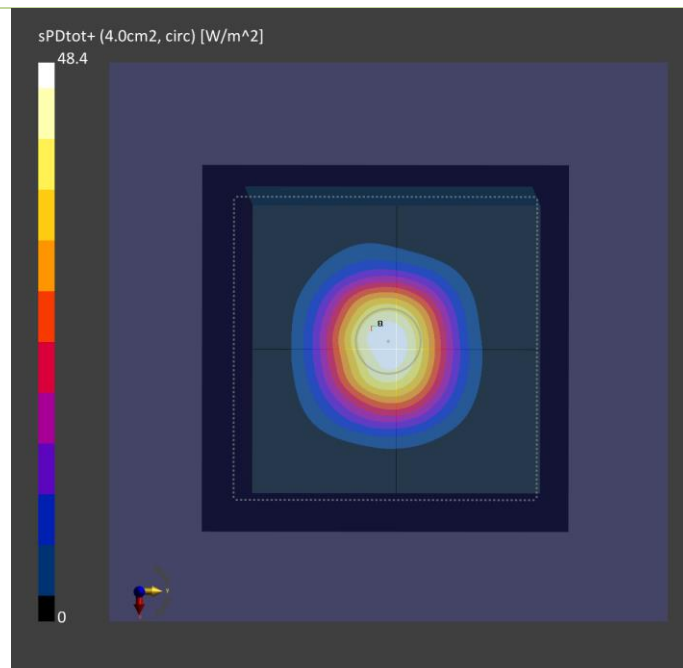
Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
mmWave- 1035	Air---	EUmmWV4 - SN9438_F1-55GHz, 2022-07-18	DAE4 Sn1431, 2022-02-23

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	2022-08-18
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



Annex 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: 2022/08/16

P01 WLAN2.4G_802.11n HT40_Top Side_0mm_Ch6_Sample 1_Ant 0+1_P-Sensor w_o_HandHeld w_o

DUT: BEDW-WTW-P22050059

Communication System: UID 10599 - AAC, IEEE 802.11n (HT Mixed, 40MHz, MCS0); Frequency: 2437 MHz; Duty Cycle: 1:1.01

Medium: H19T27N1_0816 Medium parameters used: $f = 2437$ MHz; $\sigma = 1.861$ S/m; $\epsilon_r = 38.646$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 23.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7472; ConvF(7.89, 7.89, 7.89) @ 2437 MHz; Calibrated: 2022/05/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1431; Calibrated: 2022/02/23
- Phantom: ELI Phantom_2105; Type: QD OVA 004 Ax;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Area Scan (51x271x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 1.08 W/kg

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

Reference Value = 24.05 V/m; Power Drift = -0.15 dB

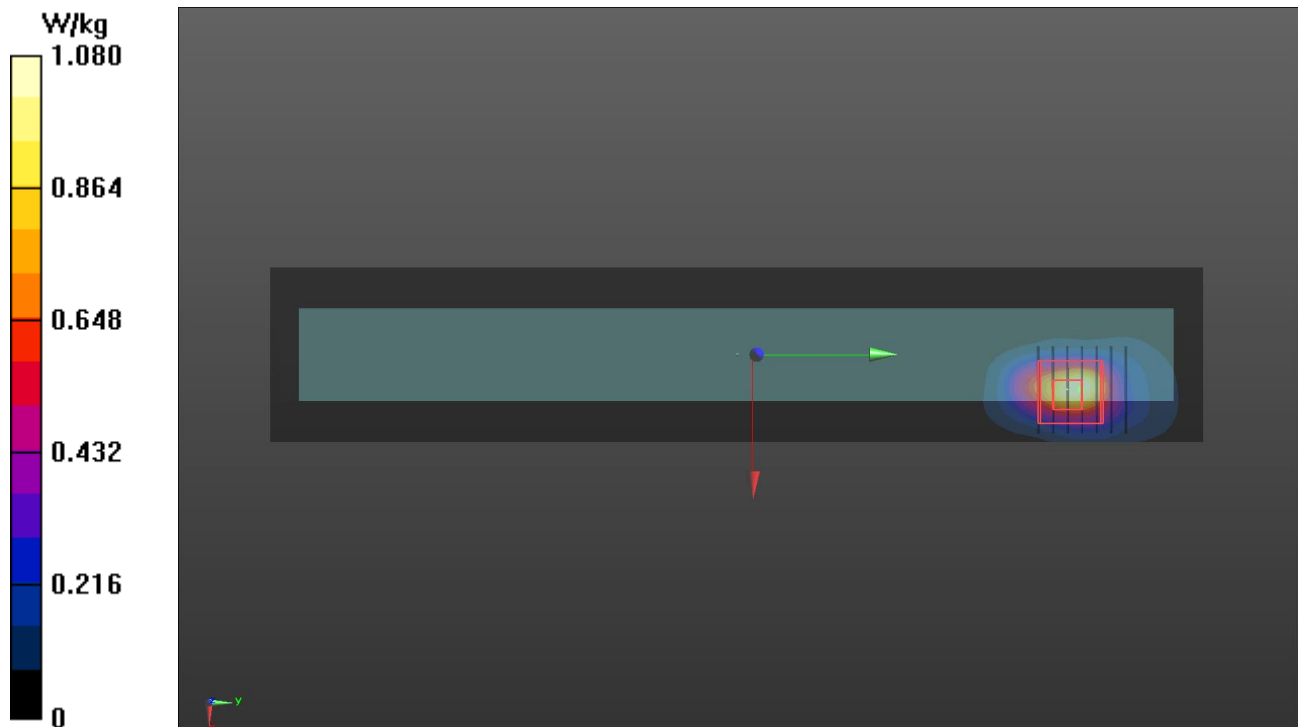
Peak SAR (extrapolated) = 1.79 W/kg

SAR(1 g) = 0.705 W/kg; SAR(10 g) = 0.296 W/kg (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 6.3 mm

Ratio of SAR at M2 to SAR at M1 = 41.3%

Maximum value of SAR (measured) = 1.32 W/kg



Plots of Measurement

Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab

Date: 2022/08/17

P02 WLAN5.3G_802.11ac VHT160_Top Side_0mm_Ch50_Sample 1_Ant 0+1_P-Sensor w_o_HandHeld w_o

DUT: BEDW-WTW-P22050059

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

Medium: H34T60N1_0817 Medium parameters used: $f = 5250$ MHz; $\sigma = 4.704$ S/m; $\epsilon_r = 36.205$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C ; Liquid Temperature : 23.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7472; ConvF(5.89, 5.89, 5.89) @ 5250 MHz; Calibrated: 2022/05/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1431; Calibrated: 2022/02/23
- Phantom: ELI Phantom_2105; Type: QD OVA 004 Ax;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Area Scan (61x321x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 1.84 W/kg

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

Reference Value = 21.25 V/m; Power Drift = -0.19 dB

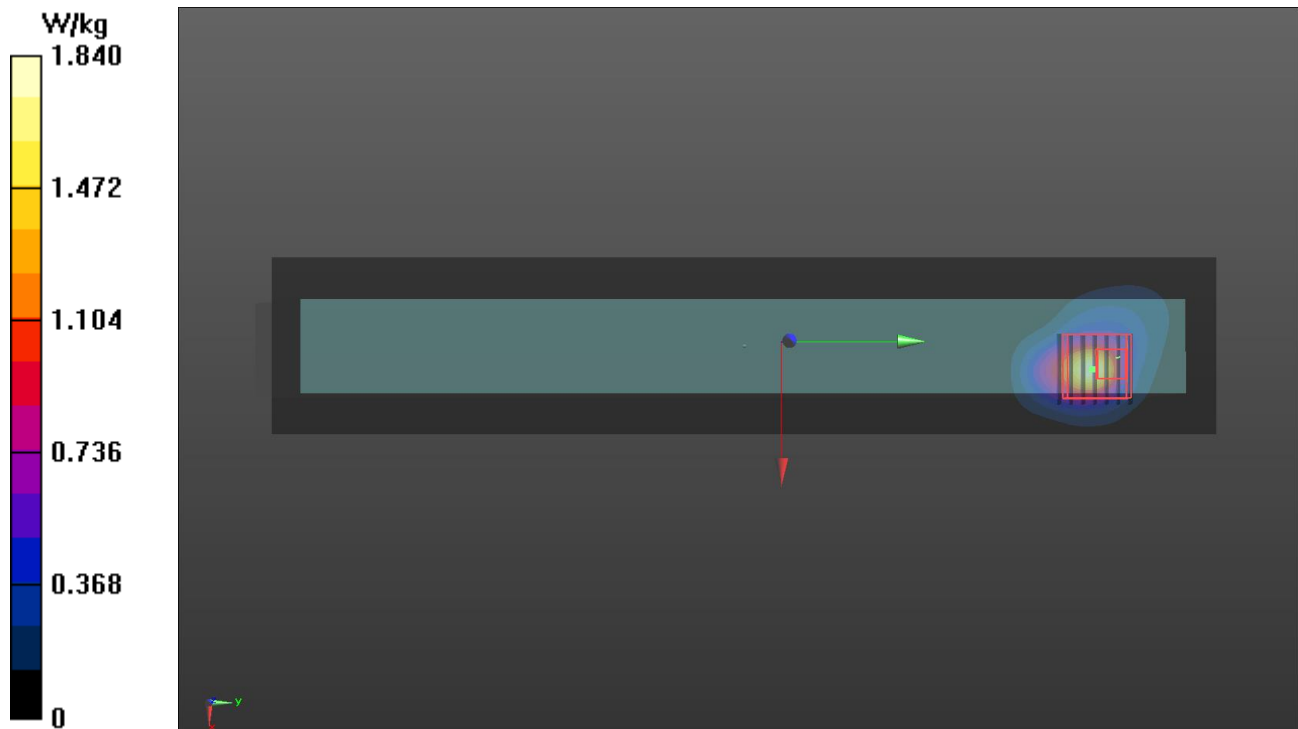
Peak SAR (extrapolated) = 2.76 W/kg

SAR(1 g) = 0.871 W/kg; SAR(10 g) = 0.343 W/kg (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 9.1 mm

Ratio of SAR at M2 to SAR at M1 = 70%

Maximum value of SAR (measured) = 1.80 W/kg



Plots of Measurement

Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab

Date: 2022/08/17

P03 WLAN5.6G_802.11ac VHT80_Top Side_0mm_Ch106_Sample 1_Ant 0+1_P-Sensor w_o_HandHeld w_o

DUT: BEDW-WTW-P22050059

Communication System: UID 10544 - AAC, IEEE 802.11ac WiFi (80MHz, MCS0); Frequency: 5530 MHz; Duty Cycle: 1:1.02

Medium: H34T60N1_0817 Medium parameters used: $f = 5530$ MHz; $\sigma = 4.95$ S/m; $\epsilon_r = 36.053$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C ; Liquid Temperature : 23.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7472; ConvF(5.04, 5.04, 5.04) @ 5530 MHz; Calibrated: 2022/05/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1431; Calibrated: 2022/02/23
- Phantom: ELI Phantom_2105; Type: QD OVA 004 Ax;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Area Scan (61x321x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 1.65 W/kg

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

Reference Value = 19.68 V/m; Power Drift = -0.09 dB

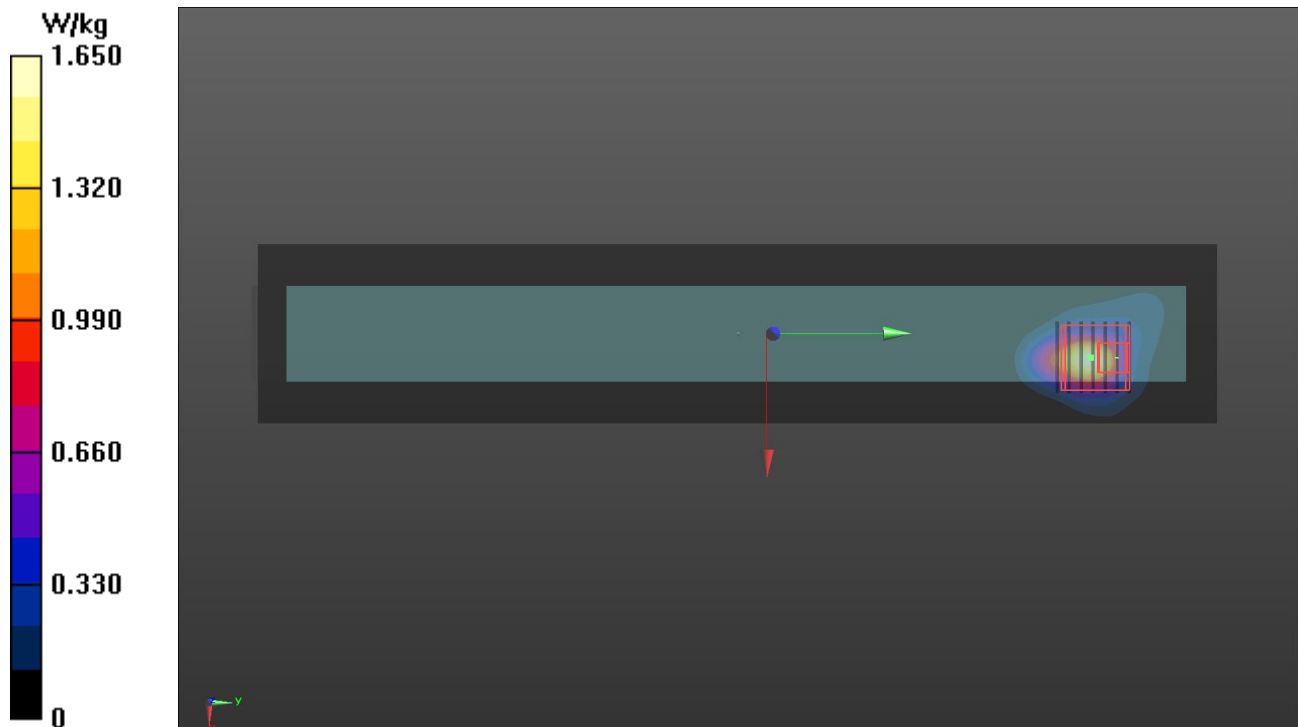
Peak SAR (extrapolated) = 3.00 W/kg

SAR(1 g) = 0.839 W/kg; SAR(10 g) = 0.305 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 = 69.9%

Maximum value of SAR (measured) = 1.85 W/kg



Plots of Measurement

Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab

Date: 2022/08/18

P04 WLAN5.8G_802.11ac VHT80_Top Side_0mm_Ch155_Sample 1_Ant 0+1_P-Sensor w_o_HandHeld w_o

DUT: BEDW-WTW-P22050059

Communication System: UID 10544 - AAC, IEEE 802.11ac WiFi (80MHz, MCS0); Frequency: 5775 MHz; Duty Cycle: 1:1.02

Medium: H34T60N1_0818 Medium parameters used: $f = 5775$ MHz; $\sigma = 5.227$ S/m; $\epsilon_r = 35.434$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C ; Liquid Temperature : 23.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7472; ConvF(5.28, 5.28, 5.28) @ 5775 MHz; Calibrated: 2022/05/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1431; Calibrated: 2022/02/23
- Phantom: ELI Phantom_2105; Type: QD OVA 004 Ax;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Area Scan (61x321x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.927 W/kg

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

Reference Value = 14.61 V/m; Power Drift = -0.10 dB

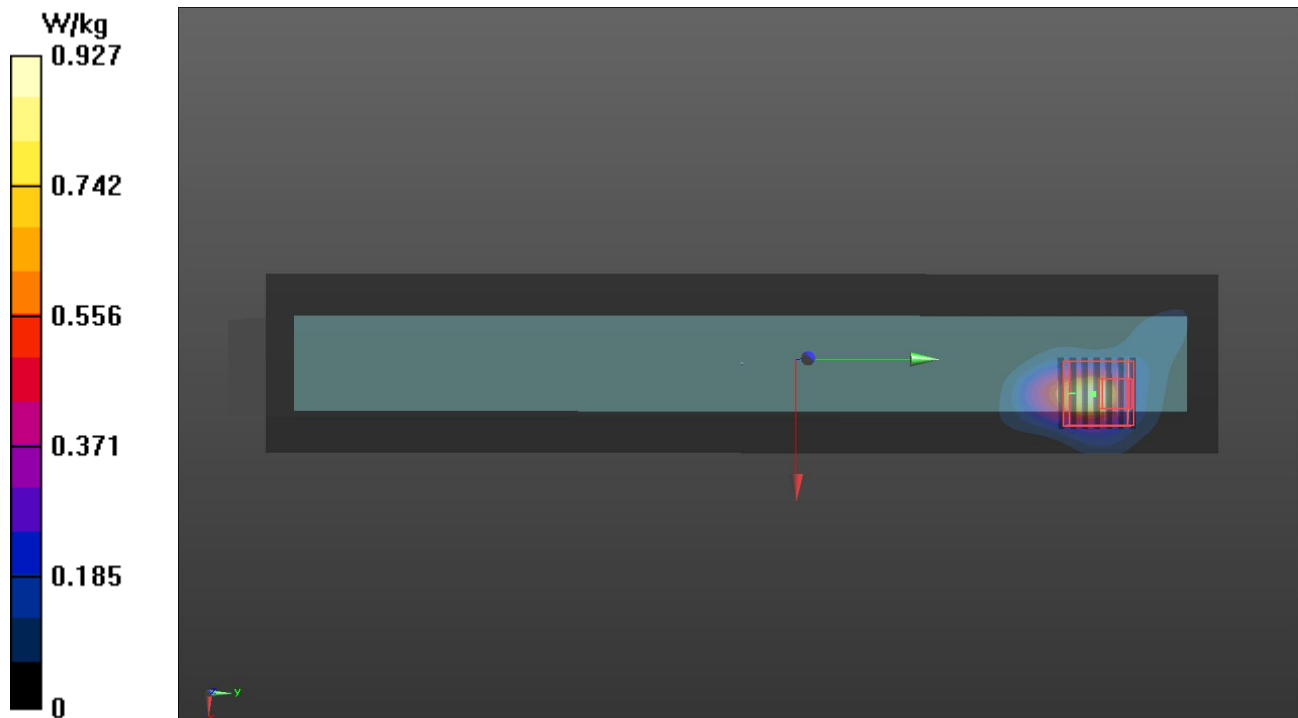
Peak SAR (extrapolated) = 2.53 W/kg

SAR(1 g) = 0.588 W/kg; SAR(10 g) = 0.212 W/kg (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 6.6 mm

Ratio of SAR at M2 to SAR at M1 = 64.1%

Maximum value of SAR (measured) = 1.48 W/kg



Plots of Measurement

Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab

Date: 2022/08/16

P05 BT_BDR_Left Side_0mm_Ch78_Sample 1_Ant 1_P-Sensor w_o_HandHeld w_o

DUT: BEDW-WTW-P22050059

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

Medium: H19T27N1_0816 Medium parameters used: $f = 2480$ MHz; $\sigma = 1.906$ S/m; $\epsilon_r = 38.489$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 23.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7472; ConvF(7.89, 7.89, 7.89) @ 2480 MHz; Calibrated: 2022/05/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1431; Calibrated: 2022/02/23
- Phantom: ELI Phantom_2105; Type: QD OVA 004 Ax;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Area Scan (51x191x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.172 W/kg

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

Reference Value = 8.191 V/m; Power Drift = -0.05 dB

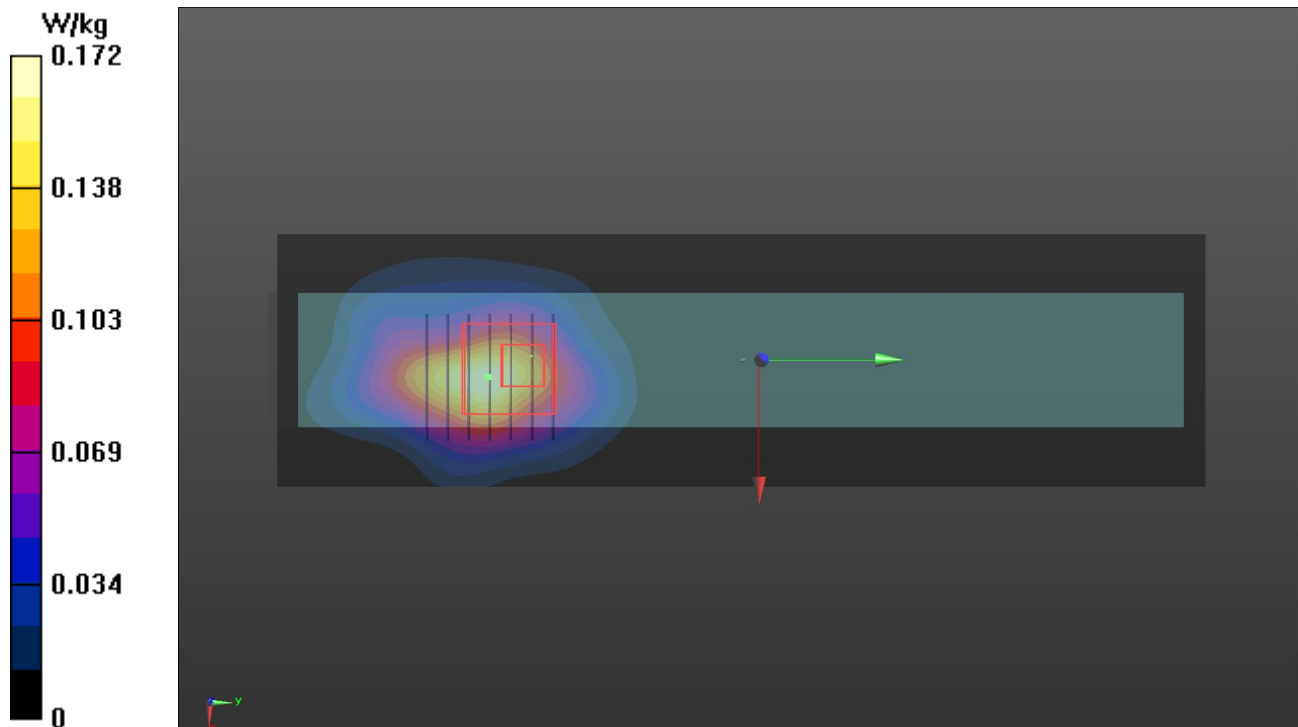
Peak SAR (extrapolated) = 0.261 W/kg

SAR(1 g) = 0.125 W/kg; SAR(10 g) = 0.060 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 = 50.2%

Maximum value of SAR (measured) = 0.202 W/kg



Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab

Date: 2022/08/12

P06 RFID_ASK_Rear Face_0mm_Frequency13.56

DUT: BEDW-WTW-P22050059

Communication System: UID 0, CW (0); Frequency: 13.56 MHz; Duty Cycle: 1:1

Medium: H06_0812 Medium parameters used (interpolated): $f = 13.56$ MHz; $\sigma = 0.727$ S/m; $\epsilon_r = 55.81$; $\rho = 1000$ kg/m³

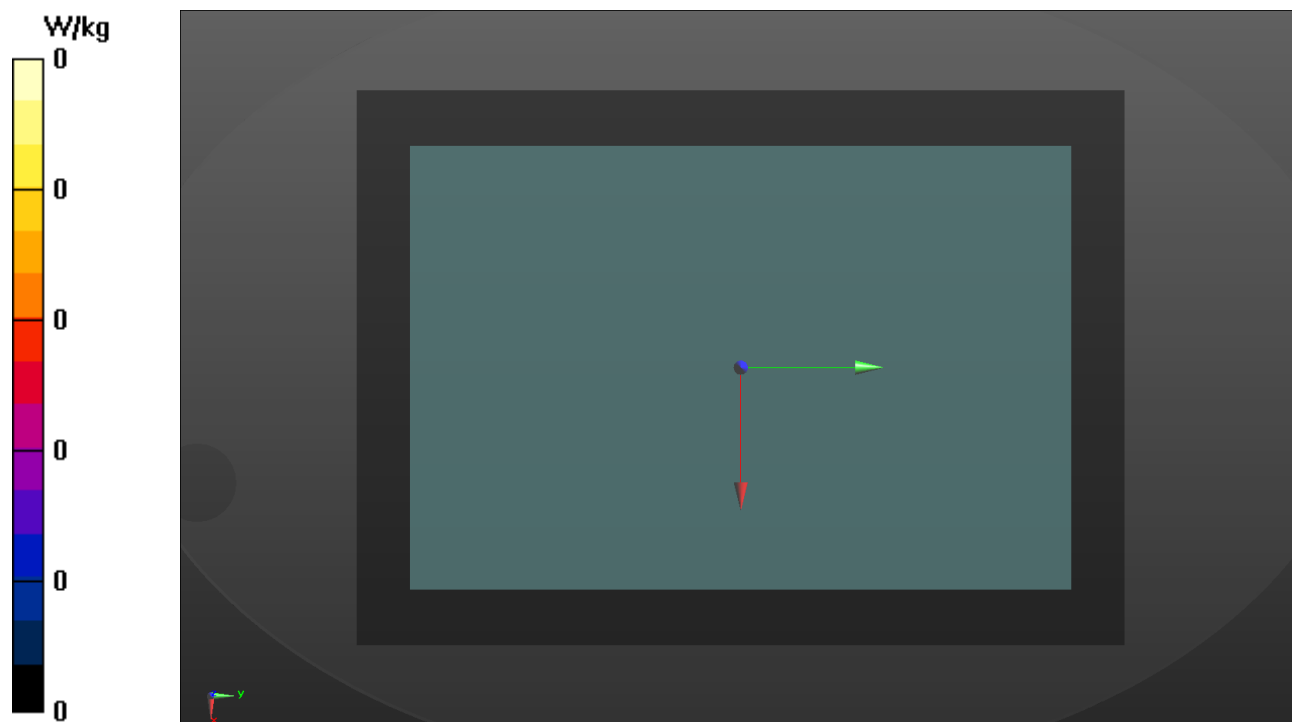
Ambient Temperature : 23.6 °C ; Liquid Temperature : 23.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7720; ConvF(16.69, 16.69, 16.69) @ 13.56 MHz; Calibrated: 2022/03/21
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1698; Calibrated: 2021/11/09
- Phantom: ELI Phantom_2105; Type: QD OVA 004 Ax;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Area Scan (261x361x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0 W/kg



Plots of Measurement

Measurement Report

P07 UNII-8_802.11ax HE160_Top Side_0mm_Ch207_Sample 1_Ant 0_P-Sensor_w_o_Handheld_w_o

Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
BEDW-WTW-P22050059	300.0 x 210.0 x 32.0		Tablet

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	EDGE Top, 0.00	U-NII-8	WLAN, 10755-AAC	6985.0, 207	5.6	6.54	32.9

Hardware Setup

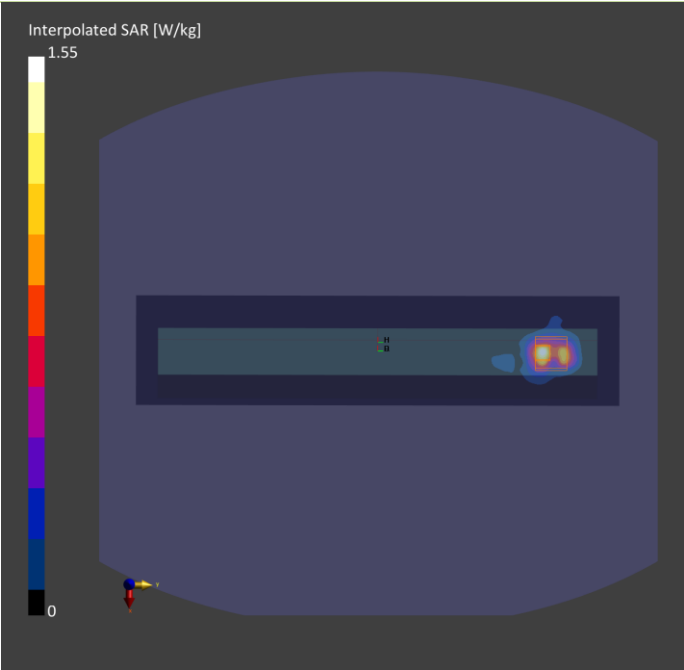
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V8.0 (20deg probe tilt) - 2105	H50T72N1, 2022-Aug-18	EX3DV4 - SN7472, 2022-05-27	DAE4 Sn1431, 2022-02-23

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	75.0 x 330.0	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	2022-08-18	2022-08-18
psSAR1g [W/kg]	1.08	0.96
psSAR10g [W/kg]	0.343	0.314
psPDab (1.0cm2, sq)[W/m2]		10.5
psPDab (4.0cm2, sq)[W/m2]		7.04
Power Drift [dB]	-0.10	0.01
M2/M1 [%]		49.7
Dist 3dB Peak [mm]		5.8



Plots of Measurement

Measurement Report

P07 UNII-8_802.11ax HE160_Top Side_0mm_Ch207_Sample 1_Ant 0_P-Sensor_w_o_Handheld_w_o

Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
BEDW-WTW-P22050059	300.0 x 210.0 x 21.0		Tablet

Exposure Conditions

Phantom Section	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor
5G Air	Top Side, 0.00	U-NII-8	WLAN, 10755-AAC	6985.0, 207	1.0

Hardware Setup

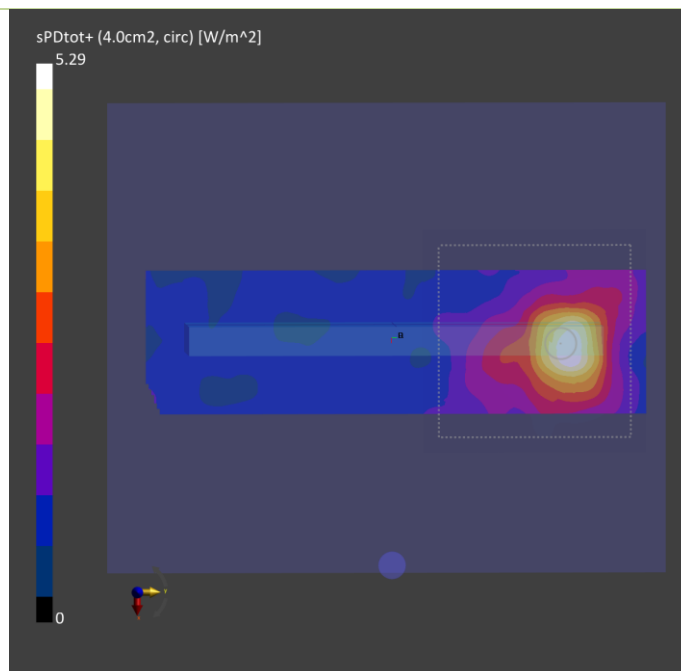
Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
mmWave- 1035	Air---	EUmmWV4 - SN9438_F1-55GHz, 2022-07-18	DAE4 Sn1431, 2022-02-23

Scan Setup

	5G Scan
Grid Extents [mm]	120.0 x 120.0
Grid Steps [lambda]	0.25 x 0.25
Sensor Surface [mm]	2.0

Measurement Results

	5G Scan
Date	2022-08-18
Avg. Area [cm ²]	4.00
psPDn+ [W/m ²]	4.53
psPDtot+ [W/m ²]	5.29
psPDmod+ [W/m ²]	5.38
E _{max} [V/m]	58.1
Power Drift [dB]	-0.05



Annex C. Tissue & System Verification

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

Note:

1. For Section 4.3, the dielectric properties of the tissue simulating liquid have been measured within 24 hours before the SAR testing and within ± 10 % of the target values. Liquid temperature during the SAR testing has kept within ± 2 °C.
2. For Section 4.4, The SAR measurement system was validated according to procedures in KDB 865664 D01 . The validation status in tabulated summary is as below.
3. For Section 4.5, Comparing to the reference SAR value provided by SPEAG in dipole calibration certificate, the deviation of system check results is within its specification of 10 %. The result indicates the system check can meet the variation criterion and the plots please refer to Annex A of this report.

Tissue Verification									Validation for CW			Validation for Modulation				System Validation					Note			
Plot No.	Frequency (MHz)	Liquid Temp. (°C)	Conductivity (σ)	Permittivity (ε _r)	Targeted Conductivity (σ)	Targeted Permittivity (ε _r)	Deviation Conductivity (σ)	Deviation Permittivity (ε _r)	Sensitivity Range	Probe Linearity	Probe Isotropy	Modulation Type	Duty Factor	PAR	Date	Frequency (MHz)	Targeted 1g SAR (W/kg)	Measured 1g SAR (W/kg)	Normalized 1g SAR (W/kg)	Deviation (%)	Dipole S/N	Probe S/N	DAE S/N	Output Power (dB)
S01	2450	23.3	1.876	38.596	1.8	39.2	4.22	-1.54	Pass	Pass	Pass	OFDM	N/A	Pass	Aug. 16, 2022	2450	52.60	2.51	50.08	-4.79	737	7472	1431	17
S02	5250	23.1	4.704	36.205	4.71	35.9	-0.13	0.85	Pass	Pass	Pass	OFDM	N/A	Pass	Aug. 17, 2022	5250	80.60	4.35	86.79	7.68	1019	7472	1431	17
S03	5600	23.1	4.997	35.803	5.07	35.5	-1.44	0.85	Pass	Pass	Pass	OFDM	N/A	Pass	Aug. 17, 2022	5600	82.40	4.45	88.79	7.75	1019	7472	1431	17
S04	5750	23.5	5.255	35.49	5.22	35.4	0.67	0.25	Pass	Pass	Pass	OFDM	N/A	Pass	Aug. 18, 2022	5750	79.40	4.37	87.19	9.81	1019	7472	1431	17
S05	2450	23.3	1.876	38.596	1.8	39.2	4.22	-1.54	Pass	Pass	Pass	OFDM	N/A	Pass	Aug. 16, 2022	2450	52.60	2.51	50.08	-4.79	737	7472	1431	17
S06	13	23.2	0.727	55.95	0.75	55	-3.07	1.73	Pass	Pass	Pass	N/A	N/A	N/A	Aug. 12, 2022	13	0.56	0.014	0.56	-1.00	1018	7720	1698	14
S07	6500	23.5	6.17	33.8	6.07	34.5	1.65	-2.03	Pass	Pass	Pass	OFDM	N/A	Pass	Aug. 18, 2022	6500	289.00	29.1	291.00	0.69	1008	7472	1431	20

Plot No.	Test Date	Frequency [GHz]	mmWave Probe S/N	Verification Source S/N	Averaging Area [cm ²]	Distance [mm]	Target Power Density [W/m ²]	Measured Power Density [W/m ²]	Deviation [%]	Averaging
S07	Aug. 18, 2022	10	9438	1025	4	10.0	51.3	48.4	-5.65%	Circular

Annex D. Maximum Target Conducted Power

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

WLAN Tune-up Power (Full)							
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	16.5	16.5			
	6	2437	16.5	16.5			
	11	2462	16.5	16.5			
	12	2467	16.5	16.5			
	13	2472	16.5	16.5			
802.11g	1	2412	16.5	16.5			
	6	2437	16.5	16.5			
	11	2462	16.5	16.5			
	12	2467	16.5	16.5			
	13	2472	16.5	16.5			
802.11n HT20	1	2412	16.5	16.5	16.5	16.5	19.5
	6	2437	16.5	16.5	16.5	16.5	19.5
	11	2462	16.5	16.5	16.5	16.5	19.5
	12	2467	16.5	16.5	16.5	16.5	19.5
	13	2472	16.5	16.5	16.5	16.5	19.5
802.11n HT40	3	2422	16.5	16.5	16.5	16.5	19.5
	6	2437	16.5	16.5	16.5	16.5	19.5
	9	2452	16.5	16.5	16.5	16.5	19.5
	10	2457	16.5	16.5	16.5	16.5	19.5
	11	2462	16.5	16.5	16.5	16.5	19.5
802.11ax HE20	1	2412	16.5	16.5	16.5	16.5	19.5
	6	2437	16.5	16.5	16.5	16.5	19.5
	11	2462	16.5	16.5	16.5	16.5	19.5
	12	2467	16.5	16.5	16.5	16.5	19.5
	13	2472	16.5	16.5	16.5	16.5	19.5
802.11ax HE40	3	2422	16.5	16.5	16.5	16.5	19.5
	6	2437	16.5	16.5	16.5	16.5	19.5
	9	2452	16.5	16.5	16.5	16.5	19.5
	10	2457	16.5	16.5	16.5	16.5	19.5
	11	2462	16.5	16.5	16.5	16.5	19.5

WLAN Tune-up Power (Full)					
Bluetooth					
Mode	Channel	Frequency	Ant 0 Max Tune-up	Ant 1 Max Tune-up	
BR / EDR	0	2402		10.0	
	39	2441		10.0	
	78	2480		10.0	
LE	0	2402		8.0	
	19	2440		8.0	
	39	2480		8.0	

WLAN Tune-up Power (Full)							
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	14.0	14.0			
	40	5200	14.0	14.0			
	44	5220	14.0	14.0			
	48	5240	14.0	14.0			
802.11n HT20	36	5180	14.0	14.0	14.0	14.0	17.0
	40	5200	14.0	14.0	14.0	14.0	17.0
	44	5220	14.0	14.0	14.0	14.0	17.0
	48	5240	14.0	14.0	14.0	14.0	17.0
802.11n HT40	38	5190	14.0	14.0	14.0	14.0	17.0
	46	5230	14.0	14.0	14.0	14.0	17.0
802.11ac VHT80	42	5210	14.0	14.0	14.0	14.0	17.0
802.11ax HE20	36	5180	14.0	14.0	14.0	14.0	17.0
	40	5200	14.0	14.0	14.0	14.0	17.0
	44	5220	14.0	14.0	14.0	14.0	17.0
	48	5240	14.0	14.0	14.0	14.0	17.0
802.11ax HE40	38	5190	14.0	14.0	14.0	14.0	17.0
	46	5230	14.0	14.0	14.0	14.0	17.0
802.11ax HE80	42	5210	14.0	14.0	14.0	14.0	17.0

WLAN Tune-up Power (Full)							
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	16.5	14.0			
	56	5280	16.5	14.0			
	60	5300	16.5	14.0			
	64	5320	16.5	14.0			
802.11n HT20	52	5260	16.5	14.0	14.0	14.0	17.0
	56	5280	16.5	14.0	14.0	14.0	17.0
	60	5300	16.5	14.0	14.0	14.0	17.0
	64	5320	16.5	14.0	14.0	14.0	17.0
802.11n HT40	54	5270	16.5	14.0	14.0	14.0	17.0
	62	5310	16.5	14.0	14.0	14.0	17.0
802.11ac VHT80	58	5290	16.5	14.0	14.0	14.0	17.0
802.11ac VHT160	50	5250	16.5	14.0	14.0	14.0	17.0
802.11ax HE20	52	5260	16.5	14.0	14.0	14.0	17.0
	56	5280	16.5	14.0	14.0	14.0	17.0
	60	5300	16.5	14.0	14.0	14.0	17.0
	64	5320	16.5	14.0	14.0	14.0	17.0
802.11ax HE40	54	5270	16.5	14.0	14.0	14.0	17.0
	62	5310	16.5	14.0	14.0	14.0	17.0
802.11ax HE80	58	5290	16.5	14.0	14.0	14.0	17.0
802.11ax HE160	50	5250	16.5	14.0	14.0	14.0	17.0

WLAN Tune-up Power (Full)							
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	16.5	12.0			
	116	5580	16.5	12.0			
	120	5600	16.5	12.0			
	124	5620	16.5	12.0			
	132	5660	16.5	12.0			
	140	5700	16.5	12.0			
	144	5720	16.5	12.0			
802.11n HT20	100	5500	16.5	12.0	12.0	12.0	15.0
	116	5580	16.5	12.0	12.0	12.0	15.0
	120	5600	16.5	12.0	12.0	12.0	15.0
	124	5620	16.5	12.0	12.0	12.0	15.0
	132	5660	16.5	12.0	12.0	12.0	15.0
	140	5700	16.5	12.0	12.0	12.0	15.0
	144	5720	16.5	12.0	12.0	12.0	15.0
802.11n HT40	102	5510	16.5	12.0	12.0	12.0	15.0
	110	5550	16.5	12.0	12.0	12.0	15.0
	118	5590	16.5	12.0	12.0	12.0	15.0
	126	5630	16.5	12.0	12.0	12.0	15.0
	134	5670	16.5	12.0	12.0	12.0	15.0
	142	5710	16.5	12.0	12.0	12.0	15.0
802.11ac VHT80	106	5530	16.5	12.0	12.0	12.0	15.0
	122	5610	16.5	12.0	12.0	12.0	15.0
	138	5690	16.5	12.0	12.0	12.0	15.0
802.11ac VHT160	114	5570	16.5	11.5	12.0	12.0	15.0
802.11ax HE20	100	5500	16.5	12.0	12.0	12.0	15.0
	116	5580	16.5	12.0	12.0	12.0	15.0
	120	5600	16.5	12.0	12.0	12.0	15.0
	124	5620	16.5	12.0	12.0	12.0	15.0
	132	5660	16.5	12.0	12.0	12.0	15.0
	140	5700	16.5	12.0	12.0	12.0	15.0
	144	5720	16.5	12.0	12.0	12.0	15.0
802.11ax HE40	102	5510	16.5	12.0	12.0	12.0	15.0
	110	5550	16.5	12.0	12.0	12.0	15.0
	118	5590	16.5	12.0	12.0	12.0	15.0
	126	5630	16.5	12.0	12.0	12.0	15.0
	134	5670	16.5	12.0	12.0	12.0	15.0
	142	5710	16.5	12.0	12.0	12.0	15.0
802.11ax HE80	106	5530	16.5	12.0	12.0	12.0	15.0
	122	5610	16.5	12.0	12.0	12.0	15.0
	138	5690	16.5	12.0	12.0	12.0	15.0
802.11ax HE160	114	5570	16.5	11.5	12.0	12.0	15.0

WLAN Tune-up Power (Full)							
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	20.0	12.0			
	153	5765	20.0	12.0			
	157	5785	20.0	12.0			
	161	5805	20.0	12.0			
	165	5825	20.0	12.0			
802.11n HT20	149	5745	20.0	12.0	12.0	12.0	15.0
	153	5765	20.0	12.0	12.0	12.0	15.0
	157	5785	20.0	12.0	12.0	12.0	15.0
	161	5805	20.0	12.0	12.0	12.0	15.0
	165	5825	20.0	12.0	12.0	12.0	15.0
802.11n HT40	151	5755	20.0	12.0	12.0	12.0	15.0
	159	5795	20.0	12.0	12.0	12.0	15.0
802.11ac VHT80	155	5775	20.0	12.0	12.0	12.0	15.0
802.11ax HE20	149	5745	20.0	12.0	12.0	12.0	15.0
	153	5765	20.0	12.0	12.0	12.0	15.0
	157	5785	20.0	12.0	12.0	12.0	15.0
	161	5805	20.0	12.0	12.0	12.0	15.0
	165	5825	20.0	12.0	12.0	12.0	15.0
802.11ax HE40	151	5755	20.0	12.0	12.0	12.0	15.0
	159	5795	20.0	12.0	12.0	12.0	15.0
802.11ax HE80	155	5775	20.0	12.0	12.0	12.0	15.0

WLAN Tune-up Power (Full)							
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	13.5	12.5	12.5	12.5	15.5
	5	5975	13.5	12.5	12.5	12.5	15.5
	9	5995	13.5	12.5	12.5	12.5	15.5
	13	6015	13.5	12.5	12.5	12.5	15.5
	17	6035	13.5	12.5	12.5	12.5	15.5
	21	6055	13.5	12.5	12.5	12.5	15.5
	25	6075	13.5	12.5	12.5	12.5	15.5
	29	6095	13.5	12.5	12.5	12.5	15.5
	33	6115	13.5	12.5	12.5	12.5	15.5
	37	6135	13.5	12.5	12.5	12.5	15.5
	41	6155	13.5	12.5	12.5	12.5	15.5
	45	6175	13.5	12.5	12.5	12.5	15.5
	49	6195	13.5	12.5	12.5	12.5	15.5
	53	6215	13.5	12.5	12.5	12.5	15.5
	57	6235	13.5	12.5	12.5	12.5	15.5
	61	6255	13.5	12.5	12.5	12.5	15.5
	65	6275	13.5	12.5	12.5	12.5	15.5
	69	6295	13.5	12.5	12.5	12.5	15.5
	73	6315	13.5	12.5	12.5	12.5	15.5
	77	6335	13.5	12.5	12.5	12.5	15.5
	81	6355	13.5	12.5	12.5	12.5	15.5
	85	6375	13.5	12.5	12.5	12.5	15.5
	89	6395	13.5	12.5	12.5	12.5	15.5
	93	6415	13.5	12.5	12.5	12.5	15.5
802.11ax HE40	3	5965	13.5	12.5	12.5	12.5	15.5
	11	6005	13.5	12.5	12.5	12.5	15.5
	19	6045	13.5	12.5	12.5	12.5	15.5
	27	6085	13.5	12.5	12.5	12.5	15.5
	35	6125	13.5	12.5	12.5	12.5	15.5
	43	6165	13.5	12.5	12.5	12.5	15.5
	51	6205	13.5	12.5	12.5	12.5	15.5
	59	6245	13.5	12.5	12.5	12.5	15.5
	67	6285	13.5	12.5	12.5	12.5	15.5
	75	6325	13.5	12.5	12.5	12.5	15.5
	83	6365	13.5	12.5	12.5	12.5	15.5
	91	6405	13.5	12.5	12.5	12.5	15.5
802.11ax HE80	7	5985	13.5	12.5	12.5	12.5	15.5
	23	6065	13.5	12.5	12.5	12.5	15.5
	39	6145	13.5	12.5	12.5	12.5	15.5
	55	6225	13.5	12.5	12.5	12.5	15.5
	71	6305	13.5	12.5	12.5	12.5	15.5
	87	6385	13.5	12.5	12.5	12.5	15.5
802.11ax HE160	15	6025	13.5	12.5	12.5	12.5	15.5
	47	6185	13.5	12.5	12.5	12.5	15.5
	79	6345	13.5	12.5	12.5	12.5	15.5

WLAN Tune-up Power (Full)							
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	13.5	12.5	12.5	12.5	15.5
	101	6455	13.5	12.5	12.5	12.5	15.5
	105	6475	13.5	12.5	12.5	12.5	15.5
	109	6495	13.5	12.5	12.5	12.5	15.5
	113	6515	13.5	12.5	12.5	12.5	15.5
	117	6535	13.5	12.5	12.5	12.5	15.5
802.11ax HE40	99	6445	13.5	12.5	12.5	12.5	15.5
	107	6485	13.5	12.5	12.5	12.5	15.5
	115	6525	13.5	12.5	12.5	12.5	15.5
802.11ax HE80	103	6465	13.5	12.5	12.5	12.5	15.5
	119	6545	13.5	12.5	12.5	12.5	15.5
802.11ax HE160	111	6505	13.5	12.5	12.5	12.5	15.5

WLAN Tune-up Power (Full)							
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	13.5	12.5	12.5	12.5	15.5
	125	6575	13.5	12.5	12.5	12.5	15.5
	129	6595	13.5	12.5	12.5	12.5	15.5
	133	6615	13.5	12.5	12.5	12.5	15.5
	137	6635	13.5	12.5	12.5	12.5	15.5
	141	6655	13.5	12.5	12.5	12.5	15.5
	145	6675	13.5	12.5	12.5	12.5	15.5
	149	6695	13.5	12.5	12.5	12.5	15.5
	153	6715	13.5	12.5	12.5	12.5	15.5
	157	6735	13.5	12.5	12.5	12.5	15.5
	161	6755	13.5	12.5	12.5	12.5	15.5
	165	6775	13.5	12.5	12.5	12.5	15.5
	169	6795	13.5	12.5	12.5	12.5	15.5
	173	6815	13.5	12.5	12.5	12.5	15.5
	177	6835	13.5	12.5	12.5	12.5	15.5
	181	6855	13.5	12.5	12.5	12.5	15.5
	185	6875	13.5	12.5	12.5	12.5	15.5
802.11ax HE40	123	6565	13.5	12.5	12.5	12.5	15.5
	131	6605	13.5	12.5	12.5	12.5	15.5
	139	6645	13.5	12.5	12.5	12.5	15.5
	147	6685	13.5	12.5	12.5	12.5	15.5
	155	6725	13.5	12.5	12.5	12.5	15.5
	163	6765	13.5	12.5	12.5	12.5	15.5
	171	6805	13.5	12.5	12.5	12.5	15.5
	179	6845	13.5	12.5	12.5	12.5	15.5
802.11ax HE80	187	6885	13.5	12.5	12.5	12.5	15.5
	135	6625	13.5	12.5	12.5	12.5	15.5
	151	6705	13.5	12.5	12.5	12.5	15.5
	167	6785	13.5	12.5	12.5	12.5	15.5
802.11ax HE160	183	6865	13.5	12.5	12.5	12.5	15.5
	143	6665	13.5	12.5	12.5	12.5	15.5
	175	6825	13.5	12.5	12.5	12.5	15.5

WLAN Tune-up Power (Full)							
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	13.5	12.5	12.5	12.5	15.5
	193	6915	13.5	12.5	12.5	12.5	15.5
	197	6935	13.5	12.5	12.5	12.5	15.5
	201	6955	13.5	12.5	12.5	12.5	15.5
	205	6975	13.5	12.5	12.5	12.5	15.5
	209	6995	13.5	12.5	12.5	12.5	15.5
	213	7015	13.5	12.5	12.5	12.5	15.5
	217	7035	13.5	12.5	12.5	12.5	15.5
	221	7055	13.5	12.5	12.5	12.5	15.5
	225	7075	13.5	12.5	12.5	12.5	15.5
	229	7095	13.5	12.5	12.5	12.5	15.5
	233	7115	13.5	12.5	12.5	12.5	15.5
802.11ax HE40	195	6925	13.5	12.5	12.5	12.5	15.5
	203	6965	13.5	12.5	12.5	12.5	15.5
	211	7005	13.5	12.5	12.5	12.5	15.5
	219	7045	13.5	12.5	12.5	12.5	15.5
	227	7085	13.5	12.5	12.5	12.5	15.5
802.11ax HE80	199	6945	13.5	12.5	12.5	12.5	15.5
	215	7025	13.5	12.5	12.5	12.5	15.5
802.11ax HE160	207	6985	13.5	12.5	12.5	12.5	15.5

WLAN Tune-up Power (Reduction)							
WLAN2.4GHz							
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	16.5	16.5			
	6	2437	16.5	16.5			
	11	2462	16.5	16.5			
	12	2467	16.5	16.5			
	13	2472	16.5	16.5			
802.11g	1	2412	16.5	16.5			
	6	2437	16.5	16.5			
	11	2462	16.5	16.5			
	12	2467	16.5	16.5			
	13	2472	16.5	16.5			
802.11n HT20	1	2412	16.5	16.5	16.5	16.5	19.5
	6	2437	16.5	16.5	16.5	16.5	19.5
	11	2462	16.5	16.5	16.5	16.5	19.5
	12	2467	16.5	16.5	16.5	16.5	19.5
	13	2472	16.5	16.5	16.5	16.5	19.5
802.11n HT40	3	2422	16.5	16.5	16.5	16.5	19.5
	6	2437	16.5	16.5	16.5	16.5	19.5
	9	2452	16.5	16.5	16.5	16.5	19.5
	10	2457	16.5	16.5	16.5	16.5	19.5
	11	2462	16.5	16.5	16.5	16.5	19.5
802.11ax HE20	1	2412	16.5	16.5	16.5	16.5	19.5
	6	2437	16.5	16.5	16.5	16.5	19.5
	11	2462	16.5	16.5	16.5	16.5	19.5
	12	2467	16.5	16.5	16.5	16.5	19.5
	13	2472	16.5	16.5	16.5	16.5	19.5
802.11ax HE40	3	2422	16.5	16.5	16.5	16.5	19.5
	6	2437	16.5	16.5	16.5	16.5	19.5
	9	2452	16.5	16.5	16.5	16.5	19.5
	10	2457	16.5	16.5	16.5	16.5	19.5
	11	2462	16.5	16.5	16.5	16.5	19.5

WLAN Tune-up Power (Reduction)					
Bluetooth					
Mode	Channel	Frequency	Ant 0 Max Tune-up	Ant 1 Max Tune-up	
BR / EDR	0	2402		10.0	
	39	2441		10.0	
	78	2480		10.0	
LE	0	2402		8.0	
	19	2440		8.0	
	39	2480		8.0	

WLAN Tune-up Power (Reduction)							
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	14.0	14.0			
	40	5200	14.0	14.0			
	44	5220	14.0	14.0			
	48	5240	14.0	14.0			
802.11n HT20	36	5180	14.0	14.0	14.0	14.0	17.0
	40	5200	14.0	14.0	14.0	14.0	17.0
	44	5220	14.0	14.0	14.0	14.0	17.0
	48	5240	14.0	14.0	14.0	14.0	17.0
802.11n HT40	38	5190	14.0	14.0	14.0	14.0	17.0
	46	5230	14.0	14.0	14.0	14.0	17.0
802.11ac VHT80	42	5210	14.0	14.0	14.0	14.0	17.0
802.11ax HE20	36	5180	14.0	14.0	14.0	14.0	17.0
	40	5200	14.0	14.0	14.0	14.0	17.0
	44	5220	14.0	14.0	14.0	14.0	17.0
	48	5240	14.0	14.0	14.0	14.0	17.0
802.11ax HE40	38	5190	14.0	14.0	14.0	14.0	17.0
	46	5230	14.0	14.0	14.0	14.0	17.0
802.11ax HE80	42	5210	14.0	14.0	14.0	14.0	17.0

WLAN Tune-up Power (Reduction)							
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	14.0	14.0			
	56	5280	14.0	14.0			
	60	5300	14.0	14.0			
	64	5320	14.0	14.0			
802.11n HT20	52	5260	14.0	14.0	14.0	14.0	17.0
	56	5280	14.0	14.0	14.0	14.0	17.0
	60	5300	14.0	14.0	14.0	14.0	17.0
	64	5320	14.0	14.0	14.0	14.0	17.0
802.11n HT40	54	5270	14.0	14.0	14.0	14.0	17.0
	62	5310	14.0	14.0	14.0	14.0	17.0
802.11ac VHT80	58	5290	14.0	14.0	14.0	14.0	17.0
802.11ac VHT160	50	5250	14.0	14.0	14.0	14.0	17.0
802.11ax HE20	52	5260	14.0	14.0	14.0	14.0	17.0
	56	5280	14.0	14.0	14.0	14.0	17.0
	60	5300	14.0	14.0	14.0	14.0	17.0
	64	5320	14.0	14.0	14.0	14.0	17.0
802.11ax HE40	54	5270	14.0	14.0	14.0	14.0	17.0
	62	5310	14.0	14.0	14.0	14.0	17.0
802.11ax HE80	58	5290	14.0	14.0	14.0	14.0	17.0
802.11ax HE160	50	5250	14.0	14.0	14.0	14.0	17.0

WLAN Tune-up Power (Reduction)							
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	12.0	12.0			
	116	5580	12.0	12.0			
	120	5600	12.0	12.0			
	124	5620	12.0	12.0			
	132	5660	12.0	12.0			
	140	5700	12.0	12.0			
	144	5720	12.0	12.0			
802.11n HT20	100	5500	12.0	12.0	12.0	12.0	15.0
	116	5580	12.0	12.0	12.0	12.0	15.0
	120	5600	12.0	12.0	12.0	12.0	15.0
	124	5620	12.0	12.0	12.0	12.0	15.0
	132	5660	12.0	12.0	12.0	12.0	15.0
	140	5700	12.0	12.0	12.0	12.0	15.0
	144	5720	12.0	12.0	12.0	12.0	15.0
802.11n HT40	102	5510	12.0	12.0	12.0	12.0	15.0
	110	5550	12.0	12.0	12.0	12.0	15.0
	118	5590	12.0	12.0	12.0	12.0	15.0
	126	5630	12.0	12.0	12.0	12.0	15.0
	134	5670	12.0	12.0	12.0	12.0	15.0
	142	5710	12.0	12.0	12.0	12.0	15.0
802.11ac VHT80	106	5530	12.0	12.0	12.0	12.0	15.0
	122	5610	12.0	12.0	12.0	12.0	15.0
	138	5690	12.0	12.0	12.0	12.0	15.0
802.11ac VHT160	114	5570	11.5	11.5	11.5	11.5	14.5
802.11ax HE20	100	5500	12.0	12.0	12.0	12.0	15.0
	116	5580	12.0	12.0	12.0	12.0	15.0
	120	5600	12.0	12.0	12.0	12.0	15.0
	124	5620	12.0	12.0	12.0	12.0	15.0
	132	5660	12.0	12.0	12.0	12.0	15.0
	140	5700	12.0	12.0	12.0	12.0	15.0
	144	5720	12.0	12.0	12.0	12.0	15.0
802.11ax HE40	102	5510	12.0	12.0	12.0	12.0	15.0
	110	5550	12.0	12.0	12.0	12.0	15.0
	118	5590	12.0	12.0	12.0	12.0	15.0
	126	5630	12.0	12.0	12.0	12.0	15.0
	134	5670	12.0	12.0	12.0	12.0	15.0
	142	5710	12.0	12.0	12.0	12.0	15.0
802.11ax HE80	106	5530	12.0	12.0	12.0	12.0	15.0
	122	5610	12.0	12.0	12.0	12.0	15.0
	138	5690	12.0	12.0	12.0	12.0	15.0
802.11ax HE160	114	5570	11.5	11.5	11.5	11.5	14.5

WLAN Tune-up Power (Reduction)							
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	12.0			
	153	5765	14.0	12.0			
	157	5785	14.0	12.0			
	161	5805	14.0	12.0			
	165	5825	14.0	12.0			
802.11n HT20	149	5745	14.0	12.0	12.0	12.0	15.0
	153	5765	14.0	12.0	12.0	12.0	15.0
	157	5785	14.0	12.0	12.0	12.0	15.0
	161	5805	14.0	12.0	12.0	12.0	15.0
	165	5825	14.0	12.0	12.0	12.0	15.0
802.11n HT40	151	5755	14.0	12.0	12.0	12.0	15.0
	159	5795	14.0	12.0	12.0	12.0	15.0
802.11ac VHT80	155	5775	14.0	12.0	12.0	12.0	15.0
802.11ax HE20	149	5745	14.0	12.0	12.0	12.0	15.0
	153	5765	14.0	12.0	12.0	12.0	15.0
	157	5785	14.0	12.0	12.0	12.0	15.0
	161	5805	14.0	12.0	12.0	12.0	15.0
	165	5825	14.0	12.0	12.0	12.0	15.0
802.11ax HE40	151	5755	14.0	12.0	12.0	12.0	15.0
	159	5795	14.0	12.0	12.0	12.0	15.0
802.11ax HE80	155	5775	14.0	12.0	12.0	12.0	15.0

WLAN Tune-up Power (Reduction)							
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	13.5	12.5	12.5	12.5	15.5
	5	5975	13.5	12.5	12.5	12.5	15.5
	9	5995	13.5	12.5	12.5	12.5	15.5
	13	6015	13.5	12.5	12.5	12.5	15.5
	17	6035	13.5	12.5	12.5	12.5	15.5
	21	6055	13.5	12.5	12.5	12.5	15.5
	25	6075	13.5	12.5	12.5	12.5	15.5
	29	6095	13.5	12.5	12.5	12.5	15.5
	33	6115	13.5	12.5	12.5	12.5	15.5
	37	6135	13.5	12.5	12.5	12.5	15.5
	41	6155	13.5	12.5	12.5	12.5	15.5
	45	6175	13.5	12.5	12.5	12.5	15.5
	49	6195	13.5	12.5	12.5	12.5	15.5
	53	6215	13.5	12.5	12.5	12.5	15.5
	57	6235	13.5	12.5	12.5	12.5	15.5
	61	6255	13.5	12.5	12.5	12.5	15.5
	65	6275	13.5	12.5	12.5	12.5	15.5
	69	6295	13.5	12.5	12.5	12.5	15.5
	73	6315	13.5	12.5	12.5	12.5	15.5
	77	6335	13.5	12.5	12.5	12.5	15.5
	81	6355	13.5	12.5	12.5	12.5	15.5
	85	6375	13.5	12.5	12.5	12.5	15.5
	89	6395	13.5	12.5	12.5	12.5	15.5
	93	6415	13.5	12.5	12.5	12.5	15.5
802.11ax HE40	3	5965	13.5	12.5	12.5	12.5	15.5
	11	6005	13.5	12.5	12.5	12.5	15.5
	19	6045	13.5	12.5	12.5	12.5	15.5
	27	6085	13.5	12.5	12.5	12.5	15.5
	35	6125	13.5	12.5	12.5	12.5	15.5
	43	6165	13.5	12.5	12.5	12.5	15.5
	51	6205	13.5	12.5	12.5	12.5	15.5
	59	6245	13.5	12.5	12.5	12.5	15.5
	67	6285	13.5	12.5	12.5	12.5	15.5
	75	6325	13.5	12.5	12.5	12.5	15.5
	83	6365	13.5	12.5	12.5	12.5	15.5
	91	6405	13.5	12.5	12.5	12.5	15.5
802.11ax HE80	7	5985	13.5	12.5	12.5	12.5	15.5
	23	6065	13.5	12.5	12.5	12.5	15.5
	39	6145	13.5	12.5	12.5	12.5	15.5
	55	6225	13.5	12.5	12.5	12.5	15.5
	71	6305	13.5	12.5	12.5	12.5	15.5
	87	6385	13.5	12.5	12.5	12.5	15.5
802.11ax HE160	15	6025	13.5	12.5	12.5	12.5	15.5
	47	6185	13.5	12.5	12.5	12.5	15.5
	79	6345	13.5	12.5	12.5	12.5	15.5

WLAN Tune-up Power (Reduction)							
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	13.5	12.5	12.5	12.5	15.5
	101	6455	13.5	12.5	12.5	12.5	15.5
	105	6475	13.5	12.5	12.5	12.5	15.5
	109	6495	13.5	12.5	12.5	12.5	15.5
	113	6515	13.5	12.5	12.5	12.5	15.5
	117	6535	13.5	12.5	12.5	12.5	15.5
802.11ax HE40	99	6445	13.5	12.5	12.5	12.5	15.5
	107	6485	13.5	12.5	12.5	12.5	15.5
	115	6525	13.5	12.5	12.5	12.5	15.5
802.11ax HE80	103	6465	13.5	12.5	12.5	12.5	15.5
	119	6545	13.5	12.5	12.5	12.5	15.5
802.11ax HE160	111	6505	13.5	12.5	12.5	12.5	15.5

WLAN Tune-up Power (Reduction)							
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	13.5	12.5	12.5	12.5	15.5
	125	6575	13.5	12.5	12.5	12.5	15.5
	129	6595	13.5	12.5	12.5	12.5	15.5
	133	6615	13.5	12.5	12.5	12.5	15.5
	137	6635	13.5	12.5	12.5	12.5	15.5
	141	6655	13.5	12.5	12.5	12.5	15.5
	145	6675	13.5	12.5	12.5	12.5	15.5
	149	6695	13.5	12.5	12.5	12.5	15.5
	153	6715	13.5	12.5	12.5	12.5	15.5
	157	6735	13.5	12.5	12.5	12.5	15.5
	161	6755	13.5	12.5	12.5	12.5	15.5
	165	6775	13.5	12.5	12.5	12.5	15.5
	169	6795	13.5	12.5	12.5	12.5	15.5
	173	6815	13.5	12.5	12.5	12.5	15.5
	177	6835	13.5	12.5	12.5	12.5	15.5
	181	6855	13.5	12.5	12.5	12.5	15.5
	185	6875	13.5	12.5	12.5	12.5	15.5
802.11ax HE40	123	6565	13.5	12.5	12.5	12.5	15.5
	131	6605	13.5	12.5	12.5	12.5	15.5
	139	6645	13.5	12.5	12.5	12.5	15.5
	147	6685	13.5	12.5	12.5	12.5	15.5
	155	6725	13.5	12.5	12.5	12.5	15.5
	163	6765	13.5	12.5	12.5	12.5	15.5
	171	6805	13.5	12.5	12.5	12.5	15.5
	179	6845	13.5	12.5	12.5	12.5	15.5
802.11ax HE80	187	6885	13.5	12.5	12.5	12.5	15.5
	135	6625	13.5	12.5	12.5	12.5	15.5
	151	6705	13.5	12.5	12.5	12.5	15.5
	167	6785	13.5	12.5	12.5	12.5	15.5
802.11ax HE160	183	6865	13.5	12.5	12.5	12.5	15.5
	143	6665	13.5	12.5	12.5	12.5	15.5
	175	6825	13.5	12.5	12.5	12.5	15.5

WLAN Tune-up Power (Reduction)							
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	13.5	12.5	12.5	12.5	15.5
	193	6915	13.5	12.5	12.5	12.5	15.5
	197	6935	13.5	12.5	12.5	12.5	15.5
	201	6955	13.5	12.5	12.5	12.5	15.5
	205	6975	13.5	12.5	12.5	12.5	15.5
	209	6995	13.5	12.5	12.5	12.5	15.5
	213	7015	13.5	12.5	12.5	12.5	15.5
	217	7035	13.5	12.5	12.5	12.5	15.5
	221	7055	13.5	12.5	12.5	12.5	15.5
	225	7075	13.5	12.5	12.5	12.5	15.5
	229	7095	13.5	12.5	12.5	12.5	15.5
	233	7115	13.5	12.5	12.5	12.5	15.5
802.11ax HE40	195	6925	13.5	12.5	12.5	12.5	15.5
	203	6965	13.5	12.5	12.5	12.5	15.5
	211	7005	13.5	12.5	12.5	12.5	15.5
	219	7045	13.5	12.5	12.5	12.5	15.5
	227	7085	13.5	12.5	12.5	12.5	15.5
802.11ax HE80	199	6945	13.5	12.5	12.5	12.5	15.5
	215	7025	13.5	12.5	12.5	12.5	15.5
802.11ax HE160	207	6985	13.5	12.5	12.5	12.5	15.5

Annex E. Measured Conducted Power Result

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

WLAN Conducted Power (Full)			
WLAN2.4GHz Ant 0			
Mode	Channel	Frequency	SISO Ant 0 Avg. Power
802.11b	1	2412	16.43
	6	2437	16.45
	11	2462	16.39
	12	2467	16.41
	13	2472	16.38
802.11g	1	2412	16.42
	6	2437	16.32
	11	2462	16.33
	12	2467	16.37
	13	2472	16.36
802.11n HT20	1	2412	16.39
	6	2437	16.32
	11	2462	16.36
	12	2467	16.33
	13	2472	16.34
802.11n HT40	3	2422	16.35
	6	2437	16.38
	9	2452	16.36
	10	2457	16.38
	11	2462	16.41
802.11ax HE20	1	2412	16.37
	6	2437	16.34
	11	2462	16.37
	12	2467	16.33
	13	2472	16.31
802.11ax HE40	3	2422	16.31
	6	2437	16.39
	9	2452	16.38
	10	2457	16.35
	11	2462	16.36

WLAN Conducted Power (Full)			
WLAN2.4GHz Ant 1			
Mode	Channel	Frequency	SISO Ant 1 Avg. Power
802.11b	1	2412	16.42
	6	2437	16.45
	11	2462	16.4
	12	2467	16.41
	13	2472	16.39
802.11g	1	2412	16.32
	6	2437	16.31
	11	2462	16.36
	12	2467	16.41
	13	2472	16.38
802.11n HT20	1	2412	16.34
	6	2437	16.37
	11	2462	16.42
	12	2467	16.34
	13	2472	16.37
802.11n HT40	3	2422	16.39
	6	2437	16.34
	9	2452	16.36
	10	2457	16.35
	11	2462	16.31
802.11ax HE20	1	2412	16.38
	6	2437	16.31
	11	2462	16.34
	12	2467	16.32
	13	2472	16.37
802.11ax HE40	3	2422	16.31
	6	2437	16.32
	9	2452	16.36
	10	2457	16.39
	11	2462	16.37

WLAN 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	16.32	16.38	19.36
	6	2437	16.32	16.43	19.39
	11	2462	16.35	16.42	19.40
	12	2467	16.37	16.32	19.36
	13	2472	16.38	16.38	19.39
802.11n HT40	3	2422	16.18	16.47	19.34
	6	2437	16.47	16.43	19.46
	9	2452	15.58	15.64	18.62
	10	2457	14.81	15.03	17.93
	11	2462	14.82	15.14	17.99
802.11ax HE20	1	2412	16.36	16.37	19.38
	6	2437	16.39	16.34	19.38
	11	2462	16.34	16.44	19.40
	12	2467	16.33	16.42	19.39
	13	2472	16.35	16.35	19.36
802.11ax HE40	3	2422	16.32	16.39	19.37
	6	2437	16.38	16.43	19.42
	9	2452	16.42	16.34	19.39
	10	2457	16.31	16.33	19.33
	11	2462	16.36	16.36	19.37

WLAN Conducted Power (Full)			
Bluetooth Ant 1			
Mode	Channel	Frequency	SISO Ant 1 Avg. Power
BR / EDR	0	2402	8.77
	39	2441	8.83
	78	2480	9.17
LE	0	2402	7.84
	19	2440	7.82
	39	2480	7.86

WLAN Conducted Power (Full)			
WLAN 5.2GHz Ant 0			
Mode	Channel	Frequency	SISO Ant 0 Avg. Power
802.11a	36	5180	13.85
	40	5200	13.89
	44	5220	13.86
	48	5240	13.84
802.11n HT20	36	5180	13.86
	40	5200	13.92
	44	5220	13.87
	48	5240	13.84
802.11n HT40	38	5190	13.82
	46	5230	13.83
802.11ac VHT80	42	5210	13.94
802.11ax HE20	36	5180	13.86
	40	5200	13.87
	44	5220	13.86
	48	5240	13.91
802.11ax HE40	38	5190	13.81
	46	5230	13.89
802.11ax HE80	42	5210	13.82

WLAN Conducted Power (Full)			
WLAN 5.2GHz Ant 1			
Mode	Channel	Frequency	SISO Ant 1 Avg. Power
802.11a	36	5180	13.84
	40	5200	13.87
	44	5220	13.88
	48	5240	13.82
802.11n HT20	36	5180	13.89
	40	5200	13.83
	44	5220	13.92
	48	5240	13.89
802.11n HT40	38	5190	13.83
	46	5230	13.92
802.11ac VHT80	42	5210	13.95
802.11ax HE20	36	5180	13.81
	40	5200	13.88
	44	5220	13.84
	48	5240	13.86
802.11ax HE40	38	5190	13.84
	46	5230	13.82
802.11ax HE80	42	5210	13.85

WLAN 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	13.84	13.83	16.85
	40	5200	13.84	13.87	16.87
	44	5220	13.85	13.89	16.88
	48	5240	13.87	13.81	16.85
802.11n HT40	38	5190	13.89	13.83	16.87
	46	5230	13.87	13.86	16.88
802.11ac VHT80	42	5210	13.99	13.95	16.98
802.11ax HE20	36	5180	13.84	13.89	16.88
	40	5200	13.86	13.88	16.88
	44	5220	13.87	13.82	16.86
	48	5240	13.87	13.85	16.87
802.11ax HE40	38	5190	13.81	13.84	16.84
	46	5230	13.9	13.89	16.91
802.11ax HE80	42	5210	13.87	13.84	16.87

WLAN Conducted Power (Full)			
WLAN 5.3GHz Ant 0			
Mode	Channel	Frequency	SISO Ant 0 Avg. Power
802.11a	52	5260	16.31
	56	5280	16.35
	60	5300	16.32
	64	5320	16.38
802.11n HT20	52	5260	16.37
	56	5280	16.34
	60	5300	16.35
	64	5320	16.36
802.11n HT40	54	5270	16.31
	62	5310	16.35
802.11ac VHT80	58	5290	16.37
802.11ac VHT160	50	5250	16.4
802.11ax HE20	52	5260	16.34
	56	5280	16.37
	60	5300	16.28
	64	5320	16.36
802.11ax HE40	54	5270	16.33
	62	5310	16.34
802.11ax HE80	58	5290	16.32
802.11ax HE160	50	5250	16.37

WLAN Conducted Power (Full)			
WLAN 5.3GHz Ant 1			
Mode	Channel	Frequency	SISO Ant 1 Avg. Power
802.11a	52	5260	13.84
	56	5280	13.78
	60	5300	13.74
	64	5320	13.87
802.11n HT20	52	5260	13.79
	56	5280	13.84
	60	5300	13.88
	64	5320	13.83
802.11n HT40	54	5270	13.86
	62	5310	13.78
802.11ac VHT80	58	5290	13.92
802.11ac VHT160	50	5250	13.95
802.11ax HE20	52	5260	13.84
	56	5280	13.82
	60	5300	13.88
	64	5320	13.85
802.11ax HE40	54	5270	13.89
	62	5310	13.84
802.11ax HE80	58	5290	13.82
802.11ax HE160	50	5250	13.78

WLAN 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	13.87	13.87	16.88
	56	5280	13.88	13.81	16.86
	60	5300	13.85	13.88	16.88
	64	5320	13.81	13.85	16.84
802.11n HT40	54	5270	13.82	13.87	16.86
	62	5310	13.86	13.83	16.86
802.11ac VHT80	58	5290	13.92	13.91	16.93
802.11ac VHT160	50	5250	13.99	13.97	16.99
802.11ax HE20	52	5260	13.84	13.86	16.86
	56	5280	13.86	13.81	16.85
	60	5300	13.89	13.84	16.88
	64	5320	13.85	13.81	16.84
802.11ax HE40	54	5270	13.82	13.83	16.84
	62	5310	13.83	13.85	16.85
802.11ax HE80	58	5290	13.81	13.89	16.86
802.11ax HE160	50	5250	13.86	13.88	16.88

WLAN Conducted Power (Full)			
WLAN 5.6GHz Ant 0			
Mode	Channel	Frequency	SISO Ant 0 Avg. Power
802.11a	100	5500	16.39
	116	5580	16.34
	120	5600	16.33
	124	5620	16.39
	132	5660	16.36
	140	5700	16.38
	144	5720	16.41
802.11n HT20	100	5500	16.32
	116	5580	16.31
	120	5600	16.35
	124	5620	16.37
	132	5660	16.34
	140	5700	16.39
	144	5720	16.37
802.11n HT40	102	5510	16.34
	110	5550	16.38
	118	5590	16.37
	126	5630	16.35
	134	5670	16.33
	142	5710	16.36
802.11ac VHT80	106	5530	16.38
	122	5610	16.4
	138	5690	16.49
802.11ac VHT160	114	5570	15.9
802.11ax HE20	100	5500	16.38
	116	5580	16.35
	120	5600	16.38
	124	5620	16.34
	132	5660	16.33
	140	5700	16.39
	144	5720	16.34
802.11ax HE40	102	5510	16.39
	110	5550	16.37
	118	5590	16.35
	126	5630	16.36
	134	5670	16.34
	142	5710	16.35
802.11ax HE80	106	5530	16.36
	122	5610	16.34
	138	5690	16.39
802.11ax HE160	114	5570	15.81

WLAN Conducted Power (Full)			
WLAN 5.6GHz Ant 1			
Mode	Channel	Frequency	SISO Ant 1 Avg. Power
802.11a	100	5500	11.87
	116	5580	11.83
	120	5600	11.81
	124	5620	11.87
	132	5660	11.85
	140	5700	11.89
	144	5720	11.92
802.11n HT20	100	5500	11.83
	116	5580	11.91
	120	5600	11.87
	124	5620	11.84
	132	5660	11.89
	140	5700	11.86
	144	5720	11.82
802.11n HT40	102	5510	11.92
	110	5550	11.84
	118	5590	11.83
	126	5630	11.89
	134	5670	11.82
	142	5710	11.85
802.11ac VHT80	106	5530	11.95
	122	5610	11.89
	138	5690	11.96
802.11ac VHT160	114	5570	11.42
802.11ax HE20	100	5500	11.89
	116	5580	11.91
	120	5600	11.89
	124	5620	11.88
	132	5660	11.85
	140	5700	11.81
	144	5720	11.82
802.11ax HE40	102	5510	11.86
	110	5550	11.85
	118	5590	11.87
	126	5630	11.92
	134	5670	11.83
	142	5710	11.93
802.11ax HE80	106	5530	11.86
	122	5610	11.89
	138	5690	11.91
802.11ax HE160	114	5570	11.37

WLAN 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	11.81	11.86	14.85
	116	5580	11.84	11.83	14.85
	120	5600	11.86	11.89	14.89
	124	5620	11.82	11.85	14.85
	132	5660	11.83	11.89	14.87
	140	5700	11.85	11.84	14.86
	144	5720	11.86	11.85	14.87
802.11n HT40	102	5510	11.81	11.83	14.83
	110	5550	11.85	11.89	14.88
	118	5590	11.89	11.86	14.89
	126	5630	11.83	11.83	14.84
	134	5670	11.92	11.82	14.88
	142	5710	11.83	11.85	14.85
802.11ac VHT80	106	5530	11.95	11.94	14.96
	122	5610	11.96	11.92	14.95
	138	5690	11.98	11.95	14.98
802.11ac VHT160	114	5570	10.98	10.95	13.98
802.11ax HE20	100	5500	11.84	11.86	14.86
	116	5580	11.89	11.92	14.92
	120	5600	11.81	11.88	14.86
	124	5620	11.85	11.85	14.86
	132	5660	11.91	11.82	14.88
	140	5700	11.84	11.85	14.86
	144	5720	11.93	11.87	14.91
802.11ax HE40	102	5510	11.82	11.89	14.87
	110	5550	11.86	11.87	14.88
	118	5590	11.88	11.83	14.87
	126	5630	11.91	11.86	14.9
	134	5670	11.88	11.89	14.9
	142	5710	11.85	11.81	14.84
802.11ax HE80	106	5530	11.83	11.82	14.84
	122	5610	11.85	11.92	14.9
	138	5690	11.89	11.89	14.9
802.11ax HE160	114	5570	11.34	11.36	14.36

WLAN Conducted Power (Full)			
WLAN 5.8GHz Ant 0			
Mode	Channel	Frequency	SISO Ant 0 Avg. Power
802.11a	149	5745	19.91
	153	5765	19.85
	157	5785	19.84
	161	5805	19.92
	165	5825	19.86
802.11n HT20	149	5745	19.83
	153	5765	19.92
	157	5785	19.93
	161	5805	19.86
	165	5825	19.91
802.11n HT40	151	5755	19.83
	159	5795	19.85
802.11ac VHT80	155	5775	19.99
802.11ax HE20	149	5745	19.88
	153	5765	19.86
	157	5785	19.89
	161	5805	19.85
	165	5825	19.85
802.11ax HE40	151	5755	19.83
	159	5795	19.88
802.11ax HE80	155	5775	19.87

WLAN Conducted Power (Full)			
WLAN 5.8GHz Ant 1			
Mode	Channel	Frequency	SISO Ant 1 Avg. Power
802.11a	149	5745	11.81
	153	5765	11.85
	157	5785	11.83
	161	5805	11.82
	165	5825	11.88
802.11n HT20	149	5745	11.85
	153	5765	11.84
	157	5785	11.86
	161	5805	11.89
	165	5825	11.84
802.11n HT40	151	5755	11.86
	159	5795	11.88
802.11ac VHT80	155	5775	11.94
802.11ax HE20	149	5745	11.87
	153	5765	11.92
	157	5785	11.85
	161	5805	11.86
	165	5825	11.85
802.11ax HE40	151	5755	11.83
	159	5795	11.87
802.11ax HE80	155	5775	11.89

WLAN 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	11.86	11.84	14.86
	153	5765	11.82	11.86	14.85
	157	5785	11.85	11.89	14.88
	161	5805	11.81	11.81	14.82
	165	5825	11.82	11.88	14.86
802.11n HT40	151	5755	11.86	11.83	14.86
	159	5795	11.82	11.85	14.85
802.11ac VHT80	155	5775	11.98	11.98	14.99
802.11ax HE20	149	5745	11.83	11.83	14.84
	153	5765	11.87	11.87	14.88
	157	5785	11.83	11.85	14.85
	161	5805	11.86	11.83	14.86
	165	5825	11.88	11.86	14.88
802.11ax HE40	151	5755	11.83	11.83	14.84
	159	5795	11.85	11.86	14.87
802.11ax HE80	155	5775	11.87	11.89	14.89

WLAN Conducted Power (Full)			
UNII-5 Ant 0			
Mode	Channel	Frequency	SISO Ant 0 Avg. Power
802.11ax HE20	1	5955	13.35
	5	5975	13.39
	9	5995	13.31
	13	6015	13.37
	17	6035	13.34
	21	6055	13.32
	25	6075	13.37
	29	6095	13.38
	33	6115	13.36
	37	6135	13.32
	41	6155	13.35
	45	6175	13.36
	49	6195	13.32
	53	6215	13.34
	57	6235	13.37
	61	6255	13.42
	65	6275	13.44
	69	6295	13.32
	73	6315	13.39
	77	6335	13.37
	81	6355	13.35
	85	6375	13.32
	89	6395	13.31
	93	6415	13.38
802.11ax HE40	3	5965	13.32
	11	6005	13.36
	19	6045	13.31
	27	6085	13.38
	35	6125	13.35
	43	6165	13.32
	51	6205	13.39
	59	6245	13.33
	67	6285	13.37
	75	6325	13.34
	83	6365	13.35
	91	6405	13.38
802.11ax HE80	7	5985	13.34
	23	6065	13.35
	39	6145	13.37
	55	6225	13.39
	71	6305	13.34
	87	6385	13.36
802.11ax HE160	15	6025	13.43
	47	6185	13.49
	79	6345	13.47

WLAN Conducted Power (Full)			
UNII-5 Ant 1			
Mode	Channel	Frequency	SISO Ant 1 Avg. Power
802.11ax HE20	1	5955	12.46
	5	5975	12.38
	9	5995	12.31
	13	6015	12.35
	17	6035	12.38
	21	6055	12.39
	25	6075	12.33
	29	6095	12.42
	33	6115	12.34
	37	6135	12.32
	41	6155	12.38
	45	6175	12.33
	49	6195	12.36
	53	6215	12.38
	57	6235	12.34
	61	6255	12.37
	65	6275	12.31
	69	6295	12.36
	73	6315	12.32
	77	6335	12.36
	81	6355	12.38
	85	6375	12.34
	89	6395	12.36
	93	6415	12.37
802.11ax HE40	3	5965	12.39
	11	6005	12.33
	19	6045	12.41
	27	6085	12.39
	35	6125	12.33
	43	6165	12.31
	51	6205	12.34
	59	6245	12.37
	67	6285	12.33
	75	6325	12.31
	83	6365	12.34
	91	6405	12.35
802.11ax HE80	7	5985	12.42
	23	6065	12.45
	39	6145	12.37
	55	6225	12.33
	71	6305	12.37
	87	6385	12.35
802.11ax HE160	15	6025	12.46
	47	6185	12.49
	79	6345	12.48

WLAN 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	12.32	12.39	15.37
	5	5975	12.37	12.31	15.35
	9	5995	12.38	12.36	15.38
	13	6015	12.36	12.32	15.35
	17	6035	12.38	12.37	15.39
	21	6055	12.35	12.31	15.34
	25	6075	12.31	12.42	15.38
	29	6095	12.39	12.32	15.37
	33	6115	12.37	12.37	15.38
	37	6135	12.36	12.34	15.36
	41	6155	12.39	12.36	15.39
	45	6175	12.35	12.33	15.35
	49	6195	12.39	12.32	15.37
	53	6215	12.36	12.35	15.37
	57	6235	12.34	12.38	15.37
	61	6255	12.31	12.35	15.34
	65	6275	12.36	12.34	15.36
	69	6295	12.38	12.38	15.39
	73	6315	12.34	12.36	15.36
	77	6335	12.37	12.32	15.36
802.11ax HE40	81	6355	12.33	12.36	15.36
	85	6375	12.38	12.33	15.37
	89	6395	12.32	12.31	15.33
	93	6415	12.38	12.33	15.37
	3	5965	12.35	12.32	15.35
	11	6005	12.34	12.34	15.35
	19	6045	12.39	12.37	15.39
	27	6085	12.37	12.39	15.39
	35	6125	12.38	12.33	15.37
	43	6165	12.32	12.37	15.36
	51	6205	12.37	12.31	15.35
	59	6245	12.33	12.33	15.34
802.11ax HE80	67	6285	12.34	12.35	15.36
	75	6325	12.32	12.34	15.34
	83	6365	12.39	12.33	15.37
	91	6405	12.35	12.38	15.38
	7	5985	12.33	12.42	15.39
	23	6065	12.38	12.34	15.37
802.11ax HE160	39	6145	12.37	12.36	15.38
	55	6225	12.33	12.38	15.37
	71	6305	12.37	12.34	15.37
	87	6385	12.31	12.32	15.33
	15	6025	12.46	12.48	15.48
	47	6185	12.48	12.49	15.5
	79	6345	12.47	12.45	15.47

WLAN Conducted Power (Full)			
UNII-6 Ant 0			
Mode	Channel	Frequency	SISO Ant 0 Avg. Power
802.11ax HE20	97	6435	13.34
	101	6455	13.39
	105	6475	13.33
	109	6495	13.35
	113	6515	13.37
	117	6535	13.35
802.11ax HE40	99	6445	13.37
	107	6485	13.32
	115	6525	13.42
802.11ax HE80	103	6465	13.41
	119	6545	13.36
802.11ax HE160	111	6505	13.38

WLAN Conducted Power (Full)			
UNII-6 Ant 1			
Mode	Channel	Frequency	SISO Ant 1 Avg. Power
802.11ax HE20	97	6435	12.34
	101	6455	12.37
	105	6475	12.35
	109	6495	12.32
	113	6515	12.33
	117	6535	12.34
802.11ax HE40	99	6445	12.36
	107	6485	12.33
	115	6525	12.31
802.11ax HE80	103	6465	12.42
	119	6545	12.31
802.11ax HE160	111	6505	12.34

WLAN 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	12.38	12.32	15.36
	101	6455	12.42	12.31	15.38
	105	6475	12.33	12.37	15.36
	109	6495	12.35	12.44	15.41
	113	6515	12.37	12.39	15.39
	117	6535	12.31	12.32	15.33
802.11ax HE40	99	6445	12.33	12.33	15.34
	107	6485	12.36	12.35	15.37
	115	6525	12.32	12.33	15.34
802.11ax HE80	103	6465	12.37	12.34	15.37
	119	6545	12.31	12.31	15.32
802.11ax HE160	111	6505	12.38	12.32	15.36

WLAN Conducted Power (Full)			
UNII-7 Ant 0			
Mode	Channel	Frequency	SISO Ant 0 Avg. Power
802.11ax HE20	121	6555	13.35
	125	6575	13.41
	129	6595	13.32
	133	6615	13.35
	137	6635	13.42
	141	6655	13.33
	145	6675	13.44
	149	6695	13.32
	153	6715	13.36
	157	6735	13.38
	161	6755	13.35
	165	6775	13.39
	169	6795	13.34
	173	6815	13.39
	177	6835	13.33
	181	6855	13.38
	185	6875	13.35
802.11ax HE40	123	6565	13.39
	131	6605	13.43
	139	6645	13.35
	147	6685	13.39
	155	6725	13.37
	163	6765	13.42
	171	6805	13.32
	179	6845	13.41
	187	6885	13.35
802.11ax HE80	135	6625	13.38
	151	6705	13.33
	167	6785	13.37
	183	6865	13.32
802.11ax HE160	143	6665	13.39
	175	6825	13.34

WLAN Conducted Power (Full)			
UNII-7 Ant 1			
Mode	Channel	Frequency	SISO Ant 1 Avg. Power
802.11ax HE20	121	6555	12.31
	125	6575	12.42
	129	6595	12.33
	133	6615	12.31
	137	6635	12.34
	141	6655	12.43
	145	6675	12.32
	149	6695	12.39
	153	6715	12.42
	157	6735	12.38
	161	6755	12.35
	165	6775	12.37
	169	6795	12.39
	173	6815	12.34
	177	6835	12.31
	181	6855	12.34
	185	6875	12.32
802.11ax HE40	123	6565	12.35
	131	6605	12.33
	139	6645	12.37
	147	6685	12.31
	155	6725	12.39
	163	6765	12.33
	171	6805	12.35
	179	6845	12.32
	187	6885	12.36
802.11ax HE80	135	6625	12.32
	151	6705	12.36
	167	6785	12.38
	183	6865	12.33
802.11ax HE160	143	6665	12.35
	175	6825	12.34

WLAN 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	12.43	12.33	15.39
	125	6575	12.41	12.32	15.38
	129	6595	12.31	12.37	15.35
	133	6615	12.33	12.41	15.38
	137	6635	12.39	12.32	15.37
	141	6655	12.45	12.31	15.39
	145	6675	12.33	12.38	15.37
	149	6695	12.42	12.39	15.42
	153	6715	12.38	12.35	15.38
	157	6735	12.31	12.37	15.35
	161	6755	12.35	12.38	15.38
	165	6775	12.37	12.34	15.37
	169	6795	12.35	12.31	15.34
	173	6815	12.34	12.37	15.37
	177	6835	12.32	12.35	15.35
	181	6855	12.37	12.37	15.38
	185	6875	12.33	12.33	15.34
802.11ax HE40	123	6565	12.36	12.31	15.35
	131	6605	12.35	12.39	15.38
	139	6645	12.32	12.34	15.34
	147	6685	12.38	12.33	15.37
	155	6725	12.32	12.35	15.35
	163	6765	12.34	12.39	15.38
	171	6805	12.31	12.38	15.36
	179	6845	12.32	12.31	15.33
	187	6885	12.36	12.37	15.38
802.11ax HE80	135	6625	12.34	12.33	15.35
	151	6705	12.36	12.34	15.36
	167	6785	12.39	12.36	15.39
	183	6865	12.33	12.35	15.35
802.11ax HE160	143	6665	12.36	12.39	15.39
	175	6825	12.38	12.37	15.39

WLAN Conducted Power (Full)			
UNII-8 Ant 0			
Mode	Channel	Frequency	SISO Ant 0 Avg. Power
802.11ax HE20	189	6895	13.39
	193	6915	13.37
	197	6935	13.34
	201	6955	13.36
	205	6975	13.31
	209	6995	13.42
	213	7015	13.38
	217	7035	13.43
	221	7055	13.37
	225	7075	13.32
	229	7095	13.34
	233	7115	13.37
802.11ax HE40	195	6925	13.33
	203	6965	13.31
	211	7005	13.36
	219	7045	13.34
	227	7085	13.35
802.11ax HE80	199	6945	13.38
	215	7025	13.34
802.11ax HE160	207	6985	13.37

WLAN Conducted Power (Full)			
UNII-8 Ant 1			
Mode	Channel	Frequency	SISO Ant 1 Avg. Power
802.11ax HE20	189	6895	12.37
	193	6915	12.39
	197	6935	12.31
	201	6955	12.42
	205	6975	12.35
	209	6995	12.31
	213	7015	12.33
	217	7035	12.34
	221	7055	12.39
	225	7075	12.38
	229	7095	12.31
	233	7115	12.38
802.11ax HE40	195	6925	12.43
	203	6965	12.35
	211	7005	12.37
	219	7045	12.32
	227	7085	12.39
802.11ax HE80	199	6945	12.31
	215	7025	12.44
802.11ax HE160	207	6985	12.37

WLAN Conducted Power (Reduction)			
WLAN2.4GHz Ant 0			
Mode	Channel	Frequency	SISO Ant 0 Avg. Power
802.11b	1	2412	16.43
	6	2437	16.45
	11	2462	16.39
	12	2467	16.41
	13	2472	16.38
802.11g	1	2412	16.42
	6	2437	16.32
	11	2462	16.33
	12	2467	16.37
	13	2472	16.36
802.11n HT20	1	2412	16.39
	6	2437	16.32
	11	2462	16.36
	12	2467	16.33
	13	2472	16.34
802.11n HT40	3	2422	16.35
	6	2437	16.38
	9	2452	16.36
	10	2457	16.38
	11	2462	16.41
802.11ax HE20	1	2412	16.37
	6	2437	16.34
	11	2462	16.37
	12	2467	16.33
	13	2472	16.31
802.11ax HE40	3	2422	16.31
	6	2437	16.39
	9	2452	16.38
	10	2457	16.35
	11	2462	16.36

WLAN Conducted Power (Reduction)			
WLAN2.4GHz Ant 1			
Mode	Channel	Frequency	SISO Ant 1 Avg. Power
802.11b	1	2412	16.42
	6	2437	16.43
	11	2462	16.4
	12	2467	16.41
	13	2472	16.39
802.11g	1	2412	16.32
	6	2437	16.31
	11	2462	16.36
	12	2467	16.41
	13	2472	16.38
802.11n HT20	1	2412	16.34
	6	2437	16.37
	11	2462	16.42
	12	2467	16.34
	13	2472	16.37
802.11n HT40	3	2422	16.39
	6	2437	16.34
	9	2452	16.36
	10	2457	16.35
	11	2462	16.31
802.11ax HE20	1	2412	16.38
	6	2437	16.31
	11	2462	16.34
	12	2467	16.32
	13	2472	16.37
802.11ax HE40	3	2422	16.31
	6	2437	16.32
	9	2452	16.36
	10	2457	16.39
	11	2462	16.37

WLAN Conducted Power (Reduction)					
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	16.32	16.38	19.36
	6	2437	16.32	16.43	19.39
	11	2462	16.35	16.42	19.4
	12	2467	16.37	16.32	19.36
	13	2472	16.38	16.38	19.39
802.11n HT40	3	2422	16.18	16.47	19.34
	6	2437	16.47	16.43	19.46
	9	2452	15.58	15.64	18.62
	10	2457	14.81	15.03	17.93
	11	2462	14.82	15.14	17.99
802.11ax HE20	1	2412	16.36	16.37	19.38
	6	2437	16.39	16.34	19.38
	11	2462	16.34	16.44	19.4
	12	2467	16.33	16.42	19.39
	13	2472	16.35	16.35	19.36
802.11ax HE40	3	2422	16.32	16.39	19.37
	6	2437	16.38	16.43	19.42
	9	2452	16.42	16.34	19.39
	10	2457	16.31	16.33	19.33
	11	2462	16.36	16.36	19.37

WLAN Conducted Power (Reduction)			
Bluetooth Ant 1			
Mode	Channel	Frequency	SISO Ant 1 Avg. Power
BR / EDR	0	2402	8.77
	39	2441	8.83
	78	2480	9.17
LE	0	2402	7.84
	19	2440	7.82
	39	2480	7.86

WLAN Conducted Power (Reduction)			
WLAN 5.2GHz Ant 0			
Mode	Channel	Frequency	SISO Ant 0 Avg. Power
802.11a	36	5180	13.85
	40	5200	13.89
	44	5220	13.86
	48	5240	13.84
802.11n HT20	36	5180	13.86
	40	5200	13.92
	44	5220	13.87
	48	5240	13.84
802.11n HT40	38	5190	13.82
	46	5230	13.83
802.11ac VHT80	42	5210	13.94
802.11ax HE20	36	5180	13.86
	40	5200	13.87
	44	5220	13.86
	48	5240	13.91
802.11ax HE40	38	5190	13.81
	46	5230	13.89
802.11ax HE80	42	5210	13.82

WLAN Conducted Power (Reduction)			
WLAN 5.2GHz Ant 1			
Mode	Channel	Frequency	SISO Ant 1 Avg. Power
802.11a	36	5180	13.84
	40	5200	13.87
	44	5220	13.88
	48	5240	13.82
802.11n HT20	36	5180	13.89
	40	5200	13.83
	44	5220	13.92
	48	5240	13.89
802.11n HT40	38	5190	13.83
	46	5230	13.92
802.11ac VHT80	42	5210	13.95
802.11ax HE20	36	5180	13.81
	40	5200	13.88
	44	5220	13.84
	48	5240	13.86
802.11ax HE40	38	5190	13.84
	46	5230	13.82
802.11ax HE80	42	5210	13.85

WLAN Conducted Power (Reduction)					
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	13.86	13.82	16.85
	40	5200	13.81	13.9	16.87
	44	5220	13.86	13.83	16.88
	48	5240	13.8	13.86	16.85
802.11n HT40	38	5190	13.89	13.86	16.87
	46	5230	13.83	13.92	16.88
802.11ac VHT80	42	5210	13.97	13.96	16.98
802.11ax HE20	36	5180	13.89	13.81	16.88
	40	5200	13.83	13.82	16.88
	44	5220	13.89	13.86	16.86
	48	5240	13.84	13.86	16.87
802.11ax HE40	38	5190	13.88	13.82	16.84
	46	5230	13.84	13.86	16.91
802.11ax HE80	42	5210	13.83	13.84	16.87

WLAN Conducted Power (Reduction)			
WLAN 5.3GHz Ant 0			
Mode	Channel	Frequency	SISO Ant 0 Avg. Power
802.11a	52	5260	13.88
	56	5280	13.83
	60	5300	13.82
	64	5320	13.89
802.11n HT20	52	5260	13.86
	56	5280	13.84
	60	5300	13.82
	64	5320	13.93
802.11n HT40	54	5270	13.82
	62	5310	13.85
802.11ac VHT80	58	5290	13.91
802.11ac VHT160	50	5250	13.97
802.11ax HE20	52	5260	13.84
	56	5280	13.87
	60	5300	13.86
	64	5320	13.84
802.11ax HE40	54	5270	13.82
	62	5310	13.87
802.11ax HE80	58	5290	13.86
802.11ax HE160	50	5250	13.82

WLAN Conducted Power (Reduction)			
WLAN 5.3GHz Ant 1			
Mode	Channel	Frequency	SISO Ant 1 Avg. Power
802.11a	52	5260	13.84
	56	5280	13.78
	60	5300	13.74
	64	5320	13.87
802.11n HT20	52	5260	13.79
	56	5280	13.84
	60	5300	13.88
	64	5320	13.83
802.11n HT40	54	5270	13.86
	62	5310	13.78
802.11ac VHT80	58	5290	13.92
802.11ac VHT160	50	5250	13.95
802.11ax HE20	52	5260	13.84
	56	5280	13.82
	60	5300	13.88
	64	5320	13.85
802.11ax HE40	54	5270	13.89
	62	5310	13.84
802.11ax HE80	58	5290	13.82
802.11ax HE160	50	5250	13.78

WLAN Conducted Power (Reduction)					
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	13.87	13.87	16.88
	56	5280	13.88	13.81	16.86
	60	5300	13.85	13.88	16.88
	64	5320	13.81	13.85	16.84
802.11n HT40	54	5270	13.82	13.87	16.86
	62	5310	13.86	13.83	16.86
802.11ac VHT80	58	5290	13.92	13.91	16.93
802.11ac VHT160	50	5250	13.99	13.97	16.99
802.11ax HE20	52	5260	13.84	13.86	16.86
	56	5280	13.86	13.81	16.85
	60	5300	13.89	13.84	16.88
	64	5320	13.85	13.81	16.84
802.11ax HE40	54	5270	13.82	13.83	16.84
	62	5310	13.83	13.85	16.85
802.11ax HE80	58	5290	13.81	13.89	16.86
802.11ax HE160	50	5250	13.86	13.88	16.88

WLAN Conducted Power (Reduction)			
WLAN 5.6GHz Ant 0			
Mode	Channel	Frequency	SISO Ant 0 Avg. Power
802.11a	100	5500	11.02
	116	5580	11.01
	120	5600	10.99
	124	5620	11.04
	132	5660	11.01
	140	5700	11.04
	144	5720	11.03
802.11n HT20	100	5500	10.97
	116	5580	11.03
	120	5600	11.01
	124	5620	11.03
	132	5660	11.01
	140	5700	10.98
	144	5720	11.03
802.11n HT40	102	5510	10.99
	110	5550	11
	118	5590	11.07
	126	5630	11.09
	134	5670	11.02
	142	5710	10.98
802.11ac VHT80	106	5530	11.51
	122	5610	11.63
	138	5690	11.64
802.11ac VHT160	114	5570	11.37
802.11ax HE20	100	5500	11.04
	116	5580	10.97
	120	5600	11.03
	124	5620	11.02
	132	5660	10.97
	140	5700	11.04
	144	5720	10.99
802.11ax HE40	102	5510	10.98
	110	5550	11.03
	118	5590	11.05
	126	5630	11.03
	134	5670	11
	142	5710	11.04
802.11ax HE80	106	5530	10.97
	122	5610	11.05
	138	5690	11.02
802.11ax HE160	114	5570	11.04

WLAN Conducted Power (Reduction)			
WLAN 5.6GHz Ant 1			
Mode	Channel	Frequency	SISO Ant 1 Avg. Power
802.11a	100	5500	11.87
	116	5580	11.83
	120	5600	11.81
	124	5620	11.87
	132	5660	11.85
	140	5700	11.89
	144	5720	11.92
802.11n HT20	100	5500	11.83
	116	5580	11.91
	120	5600	11.87
	124	5620	11.84
	132	5660	11.89
	140	5700	11.86
	144	5720	11.82
802.11n HT40	102	5510	11.92
	110	5550	11.84
	118	5590	11.83
	126	5630	11.89
	134	5670	11.82
	142	5710	11.85
802.11ac VHT80	106	5530	11.95
	122	5610	11.89
	138	5690	11.96
802.11ac VHT160	114	5570	11.42
802.11ax HE20	100	5500	11.89
	116	5580	11.91
	120	5600	11.89
	124	5620	11.88
	132	5660	11.85
	140	5700	11.81
	144	5720	11.82
802.11ax HE40	102	5510	11.86
	110	5550	11.85
	118	5590	11.87
	126	5630	11.92
	134	5670	11.83
	142	5710	11.93
802.11ax HE80	106	5530	11.86
	122	5610	11.89
	138	5690	11.91
802.11ax HE160	114	5570	11.37

WLAN Conducted Power (Reduction)					
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	11.81	11.86	14.85
	116	5580	11.84	11.83	14.85
	120	5600	11.86	11.89	14.89
	124	5620	11.82	11.85	14.85
	132	5660	11.83	11.89	14.87
	140	5700	11.85	11.84	14.86
	144	5720	11.86	11.85	14.87
802.11n HT40	102	5510	11.81	11.83	14.83
	110	5550	11.85	11.89	14.88
	118	5590	11.89	11.86	14.89
	126	5630	11.83	11.83	14.84
	134	5670	11.92	11.82	14.88
	142	5710	11.83	11.85	14.85
802.11ac VHT80	106	5530	11.95	11.94	14.96
	122	5610	11.96	11.92	14.95
	138	5690	11.99	11.97	14.99
802.11ac VHT160	114	5570	11.48	11.45	14.48
802.11ax HE20	100	5500	11.84	11.86	14.86
	116	5580	11.89	11.92	14.92
	120	5600	11.81	11.88	14.86
	124	5620	11.85	11.85	14.86
	132	5660	11.91	11.82	14.88
	140	5700	11.84	11.85	14.86
	144	5720	11.93	11.87	14.91
802.11ax HE40	102	5510	11.82	11.89	14.87
	110	5550	11.86	11.87	14.88
	118	5590	11.88	11.83	14.87
	126	5630	11.91	11.86	14.9
	134	5670	11.88	11.89	14.9
	142	5710	11.85	11.81	14.84
802.11ax HE80	106	5530	11.83	11.82	14.84
	122	5610	11.85	11.92	14.9
	138	5690	11.89	11.89	14.9
802.11ax HE160	114	5570	11.34	11.36	14.36

WLAN Conducted Power (Reduction)			
WLAN 5.8GHz Ant 0			
Mode	Channel	Frequency	SISO Ant 0 Avg. Power
802.11a	149	5745	13.86
	153	5765	13.88
	157	5785	13.83
	161	5805	13.81
	165	5825	13.84
802.11n HT20	149	5745	13.88
	153	5765	13.85
	157	5785	13.87
	161	5805	13.89
	165	5825	13.85
802.11n HT40	151	5755	13.88
	159	5795	13.92
802.11ac VHT80	155	5775	13.94
802.11ax HE20	149	5745	13.91
	153	5765	13.92
	157	5785	13.86
	161	5805	13.92
	165	5825	13.81
802.11ax HE40	151	5755	13.89
	159	5795	13.89
802.11ax HE80	155	5775	13.86

WLAN Conducted Power (Reduction)			
WLAN 5.8GHz Ant 1			
Mode	Channel	Frequency	SISO Ant 1 Avg. Power
802.11a	149	5745	11.81
	153	5765	11.85
	157	5785	11.83
	161	5805	11.82
	165	5825	11.88
802.11n HT20	149	5745	11.85
	153	5765	11.84
	157	5785	11.86
	161	5805	11.89
	165	5825	11.84
802.11n HT40	151	5755	11.86
	159	5795	11.88
802.11ac VHT80	155	5775	11.94
802.11ax HE20	149	5745	11.87
	153	5765	11.92
	157	5785	11.85
	161	5805	11.86
	165	5825	11.85
802.11ax HE40	151	5755	11.83
	159	5795	11.87
802.11ax HE80	155	5775	11.89

WLAN Conducted Power (Reduction)					
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	11.86	11.84	14.86
	153	5765	11.82	11.86	14.85
	157	5785	11.85	11.89	14.88
	161	5805	11.81	11.81	14.82
	165	5825	11.82	11.88	14.86
802.11n HT40	151	5755	11.86	11.83	14.86
	159	5795	11.82	11.85	14.85
802.11ac VHT80	155	5775	11.96	11.98	14.98
802.11ax HE20	149	5745	11.83	11.83	14.84
	153	5765	11.87	11.87	14.88
	157	5785	11.83	11.85	14.85
	161	5805	11.86	11.83	14.86
	165	5825	11.88	11.86	14.88
802.11ax HE40	151	5755	11.83	11.83	14.84
	159	5795	11.85	11.86	14.87
802.11ax HE80	155	5775	11.87	11.89	14.89

WLAN 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	12.34	12.42	15.39
	193	6915	12.35	12.34	15.36
	197	6935	12.36	12.36	15.37
	201	6955	12.44	12.34	15.4
	205	6975	12.41	12.35	15.39
	209	6995	12.37	12.38	15.39
	213	7015	12.32	12.34	15.34
	217	7035	12.35	12.35	15.36
	221	7055	12.33	12.32	15.34
	225	7075	12.37	12.37	15.38
	229	7095	12.42	12.35	15.4
	233	7115	12.39	12.33	15.37
802.11ax HE40	195	6925	12.37	12.35	15.37
	203	6965	12.36	12.36	15.37
	211	7005	12.32	12.32	15.33
	219	7045	12.35	12.39	15.38
	227	7085	12.31	12.35	15.34
802.11ax HE80	199	6945	12.36	12.37	15.38
	215	7025	12.37	12.33	15.36
802.11ax HE160	207	6985	12.33	12.35	15.35

Annex F. SAR and Power Density Test Result

SAR Results for Body Exposure Condition.

Note:

1. SAR testing for WLAN was performed on the maximum power mode.
2. The "< 0.001" means there is no SAR value or the SAR is too low to be measured.

Body SAR Test Result

Body SAR Test Result																	
System & Position						DUT & Accessory				SAR							
Plot No.	Band	Mode	Test Position	Separation Distance (mm)	Channel	Sample	Ant Status	P-Sensor	Handheld	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 for Laptop	0	6	1	Ant 0	w/o	w/o	99.30	1.01	16.50	16.45	1.01	0	<0.001	0.00
	WLAN2.4G	802.11b	Bottom for Laptop	0	6	1	Ant 1	w/o	w/o	100.00	1.00	16.50	16.45	1.01	0	<0.001	0.00
	WLAN2.4G	802.11n HT40	Bottom for Laptop	0	6	1	Ant 0+1	w/o	w/o	98.60	1.01	19.50	19.46	1.01	0	<0.001	0.00
	WLAN2.4G	802.11b	Rear Face	10	6	1	Ant 0	w/o	w/o	99.30	1.01	16.50	16.45	1.01	-0.14	0.085	0.09
	WLAN2.4G	802.11b	Left Side	0	6	1	Ant 0	w/o	w/o	99.30	1.01	16.50	16.45	1.01	0	<0.001	0.00
	WLAN2.4G	802.11b	Right Side	0	6	1	Ant 0	w/o	w/o	99.30	1.01	16.50	16.45	1.01	-0.01	0.162	0.17
	WLAN2.4G	802.11b	Top Side	15	6	1	Ant 0	w/o	w/o	99.30	1.01	16.50	16.45	1.01	0.04	0.105	0.11
	WLAN2.4G	802.11b	Bottom Side	0	6	1	Ant 0	w/o	w/o	99.30	1.01	16.50	16.45	1.01	0	<0.001	0.00
	WLAN2.4G	802.11b	Rear Face	0	6	1	Ant 1	w/o	w/o	100.00	1.00	16.50	16.45	1.01	0.12	0.303	0.31
	WLAN2.4G	802.11b	Left Side	0	6	1	Ant 1	w/o	w/o	100.00	1.00	16.50	16.45	1.01	-0.02	0.472	0.48
	WLAN2.4G	802.11b	Right Side	0	6	1	Ant 1	w/o	w/o	100.00	1.00	16.50	16.45	1.01	0	<0.001	0.00
	WLAN2.4G	802.11b	Top Side	0	6	1	Ant 1	w/o	w/o	100.00	1.00	16.50	16.45	1.01	0	<0.001	0.00
	WLAN2.4G	802.11b	Bottom Side	0	6	1	Ant 1	w/o	w/o	100.00	1.00	16.50	16.45	1.01	-0.14	0.075	0.08
	WLAN2.4G	802.11n HT40	Rear Face	0	6	1	Ant 0+1	w/o	w/o	98.60	1.01	19.50	19.46	1.01	-0.02	0.224	0.23
	WLAN2.4G	802.11n HT40	Left Side	0	6	1	Ant 0+1	w/o	w/o	98.60	1.01	19.50	19.46	1.01	0.14	0.345	0.35
	WLAN2.4G	802.11n HT40	Right Side	0	6	1	Ant 0+1	w/o	w/o	98.60	1.01	19.50	19.46	1.01	-0.02	0.15	0.15
1	WLAN2.4G	802.11n HT40	Top Side	0	6	1	Ant 0+1	w/o	w/o	98.60	1.01	19.50	19.46	1.01	-0.15	0.705	0.72
	WLAN2.4G	802.11n HT40	Bottom Side	0	6	1	Ant 0+1	w/o	w/o	98.60	1.01	19.50	19.46	1.01	0.02	0.047	0.05
	WLAN2.4G	802.11b	Rear Face	0	6	1	Ant 0	w/	w/o	99.30	1.01	16.50	16.45	1.01	0.14	0.237	0.24
	WLAN2.4G	802.11b	Top Side	0	6	1	Ant 0	w/	w/o	99.30	1.01	16.50	16.45	1.01	-0.11	0.672	0.69
	WLAN2.4G	802.11n HT40	Top Side	0	3	1	Ant 0+1	w/o	w/o	98.60	1.01	19.50	19.34	1.04	-0.01	0.593	0.62
	WLAN2.4G	802.11n HT40	Top Side	0	9	1	Ant 0+1	w/o	w/o	98.60	1.01	19.50	18.62	1.22	0.02	0.552	0.68
	WLAN2.4G	802.11n HT40	Top Side	0	10	1	Ant 0+1	w/o	w/o	98.60	1.01	19.50	17.93	1.44	-0.08	0.452	0.66
	WLAN2.4G	802.11n HT40	Top Side	0	11	1	Ant 0+1	w/o	w/o	98.60	1.01	19.50	17.99	1.42	-0.04	0.445	0.64
	WLAN2.4G	802.11n HT40	Top Side	0	6	1	Ant 0+1	w/o	w/	98.60	1.01	19.50	19.46	1.01	-0.01	0.033	0.03
	WLAN2.4G	802.11n HT40	Top Side	0	6	2	Ant 0+1	w/o	w/o	98.60	1.01	19.50	19.46	1.01	-0.12	0.682	0.70
	WLAN5.3G	802.11ac VHT160	Bottom for Laptop	0	50	1	Ant 0	w/o	w/o	98.00	1.02	16.50	16.40	1.02	0	<0.001	0.00
	WLAN5.3G	802.11ac VHT160	Bottom for Laptop	0	50	1	Ant 1	w/o	w/o	98.50	1.02	14.00	13.95	1.01	0	<0.001	0.00
	WLAN5.3G	802.11ac VHT160	Bottom for Laptop	0	50	1	Ant 0+1	w/o	w/o	99.10	1.01	17.00	16.99	1.00	0	<0.001	0.00
	WLAN5.3G	802.11ac VHT160	Rear Face	10	50	1	Ant 0	w/o	w/o	98.00	1.02	16.50	16.40	1.02	0.12	0.326	0.34
	WLAN5.3G	802.11ac VHT160	Left Side	0	50	1	Ant 0	w/o	w/o	98.00	1.02	16.50	16.40	1.02	0	<0.001	0.00
	WLAN5.3G	802.11ac VHT160	Right Side	0	50	1	Ant 0	w/o	w/o	98.00	1.02	16.50	16.40	1.02	0.06	0.092	0.10
	WLAN5.3G	802.11ac VHT160	Top Side	15	50	1	Ant 0	w/o	w/o	98.00	1.02	16.50	16.40	1.02	0.04	0.242	0.25
	WLAN5.3G	802.11ac VHT160	Bottom Side	0	50	1	Ant 0	w/o	w/o	98.00	1.02	16.50	16.40	1.02	0	<0.001	0.00
	WLAN5.3G	802.11ac VHT160	Rear Face	0	50	1	Ant 1	w/o	w/o	98.50	1.02	14.00	13.95	1.01	0.18	0.192	0.20
	WLAN5.3G	802.11ac VHT160	Left Side	0	50	1	Ant 1	w/o	w/o	98.50	1.02	14.00	13.95	1.01	-0.08	0.662	0.68
	WLAN5.3G	802.11ac VHT160	Right Side	0	50	1	Ant 1	w/o	w/o	98.50	1.02	14.00	13.95	1.01	0	<0.001	0.00
	WLAN5.3G	802.11ac VHT160	Top Side	0	50	1	Ant 1	w/o	w/o	98.50	1.02	14.00	13.95	1.01	0	<0.001	0.00
	WLAN5.3G	802.11ac VHT160	Bottom Side	0	50	1	Ant 1	w/o	w/o	98.50	1.02	14.00	13.95	1.01	0.07	0.026	0.03

Body SAR Test Result

System & Position																	
System & Position						DUT & Accessory				SAR							
Plot No.	Band	Mode	Test Position	Separation Distance (mm)	Channel	Sample	Ant Status	P-Sensor	Handheld	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)
2	WLAN5.3G	802.11ac VHT160	Rear Face	0	50	1	Ant 0+1	w/o	w/o	99.10	1.01	17.00	16.99	1.00	-0.11	0.378	0.38
	WLAN5.3G	802.11ac VHT160	Left Side	0	50	1	Ant 0+1	w/o	w/o	99.10	1.01	17.00	16.99	1.00	-0.06	0.631	0.64
	WLAN5.3G	802.11ac VHT160	Right Side	0	50	1	Ant 0+1	w/o	w/o	99.10	1.01	17.00	16.99	1.00	-0.04	0.058	0.06
	WLAN5.3G	802.11ac VHT160	Top Side	0	50	1	Ant 0+1	w/o	w/o	99.10	1.01	17.00	16.99	1.00	-0.19	0.871	0.88
	WLAN5.3G	802.11ac VHT160	Bottom Side	0	50	1	Ant 0+1	w/o	w/o	99.10	1.01	17.00	16.99	1.00	0	<0.001	0.00
	WLAN5.3G	802.11ac VHT160	Rear Face	0	50	1	Ant 0	w/	w/o	98.00	1.02	14.00	13.97	1.01	0.12	0.384	0.40
	WLAN5.3G	802.11ac VHT160	Top Side	0	50	1	Ant 0	w/	w/o	98.00	1.02	14.00	13.97	1.01	-0.08	0.847	0.87
	WLAN5.3G	802.11ac VHT160	Top Side	0	50	1	Ant 0+1	w/o	w/	99.10	1.01	17.00	16.99	1.00	0.03	0.072	0.07
	WLAN5.3G	802.11ac VHT160	Top Side	0	50	2	Ant 0+1	w/o	w/o	99.10	1.01	17.00	16.99	1.00	0.17	0.852	0.86
	WLAN5.3G	802.11ac VHT160	Top Side	0	50	1	Ant 0+1	w/o	w/o	99.10	1.01	17.00	16.99	1.00	-0.19	0.862	0.87
3	WLAN5.6G	802.11ac VHT80	Bottom for Laptop	0	138	1	Ant 0	w/o	w/o	98.00	1.02	16.50	16.49	1.00	0	<0.001	0.00
	WLAN5.6G	802.11ac VHT80	Bottom for Laptop	0	138	1	Ant 1	w/o	w/o	97.30	1.03	12.00	11.96	1.01	-0.12	0.033	0.03
	WLAN5.6G	802.11ac VHT80	Bottom for Laptop	0	138	1	Ant 0+1	w/o	w/o	98.50	1.02	15.00	14.98	1.00	-0.11	0.016	0.02
	WLAN5.6G	802.11ac VHT80	Rear Face	10	138	1	Ant 0	w/o	w/o	98.00	1.02	16.50	16.49	1.00	0.03	0.113	0.12
	WLAN5.6G	802.11ac VHT80	Left Side	0	138	1	Ant 0	w/o	w/o	98.00	1.02	16.50	16.49	1.00	0	<0.001	0.00
	WLAN5.6G	802.11ac VHT80	Right Side	0	138	1	Ant 0	w/o	w/o	98.00	1.02	16.50	16.49	1.00	0.01	0.095	0.10
	WLAN5.6G	802.11ac VHT80	Top Side	15	138	1	Ant 0	w/o	w/o	98.00	1.02	16.50	16.49	1.00	0.12	0.211	0.22
	WLAN5.6G	802.11ac VHT80	Bottom Side	0	138	1	Ant 0	w/o	w/o	98.00	1.02	16.50	16.49	1.00	0	<0.001	0.00
	WLAN5.6G	802.11ac VHT80	Rear Face	0	138	1	Ant 1	w/o	w/o	97.30	1.03	12.00	11.96	1.01	0.17	0.191	0.20
	WLAN5.6G	802.11ac VHT80	Left Side	0	138	1	Ant 1	w/o	w/o	97.30	1.03	12.00	11.96	1.01	-0.15	0.504	0.52
	WLAN5.6G	802.11ac VHT80	Right Side	0	138	1	Ant 1	w/o	w/o	97.30	1.03	12.00	11.96	1.01	0	<0.001	0.00
	WLAN5.6G	802.11ac VHT80	Top Side	0	138	1	Ant 1	w/o	w/o	97.30	1.03	12.00	11.96	1.01	0	<0.001	0.00
	WLAN5.6G	802.11ac VHT80	Bottom Side	0	138	1	Ant 1	w/o	w/o	97.30	1.03	12.00	11.96	1.01	-0.1	0.041	0.04
	WLAN5.6G	802.11ac VHT80	Rear Face	0	138	1	Ant 0+1	w/o	w/o	98.50	1.02	15.00	14.98	1.00	-0.07	0.171	0.17
	WLAN5.6G	802.11ac VHT80	Left Side	0	138	1	Ant 0+1	w/o	w/o	98.50	1.02	15.00	14.98	1.00	0.11	0.374	0.38
	WLAN5.6G	802.11ac VHT80	Right Side	0	138	1	Ant 0+1	w/o	w/o	98.50	1.02	15.00	14.98	1.00	0.06	0.065	0.07
	WLAN5.6G	802.11ac VHT80	Top Side	0	138	1	Ant 0+1	w/o	w/o	98.50	1.02	15.00	14.98	1.00	0.08	0.674	0.69
	WLAN5.6G	802.11ac VHT80	Bottom Side	0	138	1	Ant 0+1	w/o	w/o	98.50	1.02	15.00	14.98	1.00	0.19	0.029	0.03
	WLAN5.6G	802.11ac VHT80	Rear Face	0	138	1	Ant 0	w/	w/o	98.00	1.02	12.00	11.64	1.09	0.11	0.13	0.14
	WLAN5.6G	802.11ac VHT80	Top Side	0	138	1	Ant 0	w/	w/o	98.00	1.02	12.00	11.64	1.09	-0.14	0.563	0.63
	WLAN5.6G	802.11ac VHT80	Top Side	0	106	1	Ant 0+1	w/o	w/o	98.50	1.02	15.00	14.96	1.01	-0.09	0.839	0.86
	WLAN5.6G	802.11ac VHT80	Top Side	0	122	1	Ant 0+1	w/o	w/o	98.50	1.02	15.00	14.95	1.01	0.06	0.718	0.74
	WLAN5.6G	802.11ac VHT80	Top Side	0	106	1	Ant 0+1	w/o	w/	98.50	1.02	15.00	14.96	1.01	0.12	0.068	0.07
	WLAN5.6G	802.11ac VHT80	Top Side	0	106	2	Ant 0+1	w/o	w/o	98.50	1.02	15.00	14.96	1.01	0.14	0.812	0.84
	WLAN5.6G	802.11ac VHT80	Top Side	0	106	1	Ant 0+1	w/o	w/o	98.50	1.02	15.00	14.96	1.01	-0.09	0.821	0.85
4	WLAN5.8G	802.11ac VHT80	Bottom for Laptop	0	155	1	Ant 0	w/o	w/o	98.00	1.02	20.00	19.99	1.00	0	<0.001	0.00
	WLAN5.8G	802.11ac VHT80	Bottom for Laptop	0	155	1	Ant 1	w/o	w/o	97.30	1.03	12.00	11.94	1.01	0.14	0.022	0.02
	WLAN5.8G	802.11ac VHT80	Bottom for Laptop	0	155	1	Ant 0+1	w/o	w/o	98.50	1.02	15.00	14.99	1.00	0.06	0.018	0.02
	WLAN5.8G	802.11ac VHT80	Rear Face	10	155	1	Ant 0	w/o	w/o	98.00	1.02	20.00	19.99	1.00	0.03	0.185	0.19
	WLAN5.8G	802.11ac VHT80	Left Side	0	155	1	Ant 0	w/o	w/o	98.00	1.02	20.00	19.99	1.00	0	<0.001	0.00
	WLAN5.8G	802.11ac VHT80	Right Side	0	155	1	Ant 0	w/o	w/o	98.00	1.02	20.00	19.99	1.00	0.01	0.257	0.26
	WLAN5.8G	802.11ac VHT80	Top Side	15	155	1	Ant 0	w/o	w/o	98.00	1.02	20.00	19.99	1.00	-0.06	0.412	0.42
	WLAN5.8G	802.11ac VHT80	Bottom Side	0	155	1	Ant 0	w/o	w/o	98.00	1.02	20.00	19.99	1.00	0	<0.001	0.00

Body SAR Test Result

System & Position																	
System & Position						DUT & Accessory				SAR							
Plot No.	Band	Mode	Test Position	Separation Distance (mm)	Channel	Sample	Ant Status	P-Sensor	Handheld	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)
	WLAN5.8G	802.11ac VHT80	Rear Face	0	155	1	Ant 1	w/o	w/o	97.30	1.03	12.00	11.94	1.01	0.07	0.188	0.20
	WLAN5.8G	802.11ac VHT80	Left Side	0	155	1	Ant 1	w/o	w/o	97.30	1.03	12.00	11.94	1.01	-0.11	0.502	0.52
	WLAN5.8G	802.11ac VHT80	Right Side	0	155	1	Ant 1	w/o	w/o	97.30	1.03	12.00	11.94	1.01	0	<0.001	0.00
	WLAN5.8G	802.11ac VHT80	Top Side	0	155	1	Ant 1	w/o	w/o	97.30	1.03	12.00	11.94	1.01	0	<0.001	0.00
	WLAN5.8G	802.11ac VHT80	Bottom Side	0	155	1	Ant 1	w/o	w/o	97.30	1.03	12.00	11.94	1.01	0.02	0.045	0.05
	WLAN5.8G	802.11ac VHT80	Rear Face	0	155	1	Ant 0+1	w/o	w/o	98.50	1.02	15.00	14.99	1.00	0.04	0.128	0.13
	WLAN5.8G	802.11ac VHT80	Left Side	0	155	1	Ant 0+1	w/o	w/o	98.50	1.02	15.00	14.99	1.00	-0.1	0.269	0.27
	WLAN5.8G	802.11ac VHT80	Right Side	0	155	1	Ant 0+1	w/o	w/o	98.50	1.02	15.00	14.99	1.00	-0.03	0.074	0.08
4	WLAN5.8G	802.11ac VHT80	Top Side	0	155	1	Ant 0+1	w/o	w/o	98.50	1.02	15.00	14.99	1.00	-0.1	0.588	0.60
	WLAN5.8G	802.11ac VHT80	Bottom Side	0	155	1	Ant 0+1	w/o	w/o	98.50	1.02	15.00	14.99	1.00	-0.12	0.023	0.02
	WLAN5.8G	802.11ac VHT80	Rear Face	0	155	1	Ant 0	w/	w/o	98.00	1.02	14.00	13.94	1.01	-0.16	0.074	0.08
	WLAN5.8G	802.11ac VHT80	Top Side	0	155	1	Ant 0	w/	w/o	98.00	1.02	14.00	13.94	1.01	-0.03	0.329	0.34
	WLAN5.8G	802.11ac VHT80	Top Side	0	155	1	Ant 0+1	w/o	w/	98.50	1.02	15.00	14.99	1.00	-0.17	0.046	0.05
	WLAN5.8G	802.11ac VHT80	Top Side	0	155	2	Ant 0+1	w/o	w/o	98.50	1.02	15.00	14.99	1.00	-0.11	0.552	0.56
	BT	BDR	Bottom for Laptop	0	78	1	Ant 1	w/o	w/o	76.86	1.30	10.00	9.17	1.21	0	<0.001	0.00
	BT	BDR	Rear Face	0	78	1	Ant 1	w/o	w/o	76.86	1.30	10.00	9.17	1.21	0	<0.001	0.00
5	BT	BDR	Left Side	0	78	1	Ant 1	w/o	w/o	76.86	1.30	10.00	9.17	1.21	-0.05	0.125	0.20
	BT	BDR	Right Side	0	78	1	Ant 1	w/o	w/o	76.86	1.30	10.00	9.17	1.21	0	<0.001	0.00
	BT	BDR	Top Side	0	78	1	Ant 1	w/o	w/o	76.86	1.30	10.00	9.17	1.21	0	<0.001	0.00
	BT	BDR	Bottom Side	0	78	1	Ant 1	w/o	w/o	76.86	1.30	10.00	9.17	1.21	0	<0.001	0.00
	BT	BDR	Left Side	0	0	1	Ant 1	w/o	w/o	76.86	1.30	10.00	8.77	1.33	0.12	0.102	0.18
	BT	BDR	Left Side	0	39	1	Ant 1	w/o	w/o	76.86	1.30	10.00	8.83	1.31	0.06	0.11	0.19
	BT	BDR	Left Side	0	78	1	Ant 1	w/o	w/	76.86	1.30	10.00	9.17	1.21	0	0.081	0.13
	BT	BDR	Left Side	0	78	2	Ant 1	w/o	w/o	76.86	1.30	10.00	9.17	1.21	0.14	0.112	0.18
6	RFID	ASK	Rear Face	0	13.56	1	-	-	-	-	1.00	-	-	1	0	<0.001	0.00
	RFID	ASK	Left Side	0	13.56	1	-	-	-	-	1.00	-	-	1	0	<0.001	0.00
	RFID	ASK	Right Side	0	13.56	1	-	-	-	-	1.00	-	-	1	0	<0.001	0.00
	RFID	ASK	Top Side	0	13.56	1	-	-	-	-	1.00	-	-	1	0	<0.001	0.00
	RFID	ASK	Bottom Side	0	13.56	1	-	-	-	-	1.00	-	-	1	0	<0.001	0.00
	RFID	ASK	Rear Face	0	13.56	2	-	-	-	-	1.00	-	-	1	0	<0.001	0.00

SAR and Power Density Test Result																												
System & Position						DUT & Accessory				SAR										Power Density								
Plot No.	Band	Mode	Test Position	Separation Distance (mm)	Channel	Sample	Ant Status	P-Sensor	Handheld	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/m² (4cm²)	Scaled APD W/m² (4cm²)	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]
	UNII-S	802.11ax HE160	Bottom for Laptop	0	47	1	Ant 0	w/o	w/o	97.80	1.02	13.50	13.49	1.00	0	<0.001	0.00	0	0									
	UNII-S	802.11ax HE160	Bottom for Laptop	0	47	1	Ant 1	w/o	w/o	98.80	1.01	12.50	12.49	1.00	0	<0.001	0.00	0	0									
	UNII-S	802.11ax HE160	Bottom for Laptop	0	47	1	Ant 0+1	w/o	w/o	99.10	1.01	15.50	15.50	1.00	0	<0.001	0.00	0	0									
	UNII-S	802.11ax HE160	Rear Face	0	47	1	Ant 0	w/o	w/o	97.80	1.02	13.50	13.49	1.00	0.12	0.455	0.46	2.93	2.99									
	UNII-S	802.11ax HE160	Left Side	0	47	1	Ant 0	w/o	w/o	97.80	1.02	13.50	13.49	1.00	0	<0.001	0.00	0	0									
	UNII-S	802.11ax HE160	Right Side	0	47	1	Ant 0	w/o	w/o	97.80	1.02	13.50	13.49	1.00	0.16	0.243	0.25	1.61	1.64									
	UNII-S	802.11ax HE160	Top Side	0	47	1	Ant 0	w/o	w/o	97.80	1.02	13.50	13.49	1.00	0.11	0.767	0.78	5.15	5.25									
	UNII-S	802.11ax HE160	Bottom Side	0	47	1	Ant 0	w/o	w/o	97.80	1.02	13.50	13.49	1.00	0	<0.001	0.00	0	0									
	UNII-S	802.11ax HE160	Rear Face	0	47	1	Ant 1	w/o	w/o	98.80	1.01	12.50	12.49	1.00	0.07	0.102	0.10	1.65	1.67									
	UNII-S	802.11ax HE160	Left Side	0	47	1	Ant 1	w/o	w/o	98.80	1.01	12.50	12.49	1.00	-0.04	0.369	0.37	2.06	2.08									
	UNII-S	802.11ax HE160	Right Side	0	47	1	Ant 1	w/o	w/o	98.80	1.01	12.50	12.49	1.00	0	<0.001	0.00	0	0									
	UNII-S	802.11ax HE160	Top Side	0	47	1	Ant 1	w/o	w/o	98.80	1.01	12.50	12.49	1.00	0	<0.001	0.00	0	0									
	UNII-S	802.11ax HE160	Bottom Side	0	47	1	Ant 1	w/o	w/o	98.80	1.01	12.50	12.49	1.00	0.07	0.094	0.09	0.705	0.71									
	UNII-S	802.11ax HE160	Rear Face	0	47	1	Ant 0+1	w/o	w/o	99.10	1.00	15.50	15.50	1.00	0.15	0.319	0.32	2.08	2.08									
	UNII-S	802.11ax HE160	Left Side	0	47	1	Ant 0+1	w/o	w/o	99.10	1.00	15.50	15.50	1.00	0.1	0.518	0.52	3.31	3.31									
	UNII-S	802.11ax HE160	Right Side	0	47	1	Ant 0+1	w/o	w/o	99.10	1.00	15.50	15.50	1.00	0.03	0.155	0.16	1.11	1.11									
	UNII-S	802.11ax HE160	Top Side	0	47	1	Ant 0+1	w/o	w/o	99.10	1.00	15.50	15.50	1.00	-0.02	0.629	0.63	4.07	4.07									
	UNII-S	802.11ax HE160	Bottom Side	0	47	1	Ant 0+1	w/o	w/o	99.10	1.00	15.50	15.50	1.00	0.01	0.074	0.07	0.574	0.57									
	UNII-6	802.11ax HE160	Top Side	0	111	1	Ant 0	w/o	w/o	97.80	1.02	13.50	13.38	1.03	-0.1	0.732	0.77	4.62	4.85									
	UNII-7	802.11ax HE160	Top Side	0	143	1	Ant 0	w/o	w/o	97.80	1.02	13.50	13.39	1.03	-0.12	0.728	0.76	4.58	4.81									
	UNII-7	802.11ax HE160	Top Side	0	175	1	Ant 0	w/o	w/o	97.80	1.02	13.50	13.34	1.04	0.1	0.765	0.81	4.85	5.14									
7	UNII-8	802.11ax HE160	Top Side	0	207	1	Ant 0	w/o	w/o	97.80	1.02	13.50	13.37	1.03	0.01	0.96	1.01	7.04	7.4	0.25	5.89	1.545	4.00	-0.05	4.53	7.14	5.29	8.34
	UNII-8	802.11ax HE160	Top Side	0	207	1	Ant 0	w/o	w/	97.80	1.02	13.50	13.37	1.03	0	<0.001	0.00	0	0									
	UNII-8	802.11ax HE160	Top Side	0	207	2	Ant 0	w/o	w/o	97.80	1.02	13.50	13.37	1.03	0.06	0.882	0.93	6.42	6.74									
	UNII-8	802.11ax HE160	Top Side	0	207	1	Ant 0	w/o	w/o	97.80	1.02	13.50	13.37	1.03	0.01	0.92	0.97	6.94	7.29									

Annex G. SAR Measurement Variability

SAR repeated measurement are shown as below.

Repeat SAR							
Plot	Band	Mode	Test Position	Ch.	Original Measured SAR-1g (W/kg)	1st Repeated SAR-1g (W/kg)	L/S Ratio
R02	WLAN5.3G	802.11ac VHT160	Top Side	50	0.871	0.862	1.01
R03	WLAN5.6G	802.11ac VHT80	Top Side	106	0.839	0.821	1.02
R04	WLAN5.8G	802.11ac VHT80	Top Side	155	1.12	1.06	1.06
R06	UNII-8	802.11ax HE160	Top Side	207	0.96	0.92	1.04

Annex H. Analysis of Simultaneous Transmission SAR.

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	WLAN 2.4G_Ant 0+RFID	Yes
B	WLAN 2.4G_Ant 1+RFID	Yes
C	WLAN 2.4G_Ant 0+1+RFID	Yes
D	WLAN 5G_Ant 0+RFID	Yes
E	WLAN 5G_Ant 1+RFID	Yes
F	WLAN 5G_Ant 0+1+RFID	Yes
G	BT+RFID	Yes
H	WLAN 2.4G_Ant 0+BT_Ant1+RFID	Yes
I	WLAN 5G_Ant 0+BT_Ant1+RFID	Yes
J	WLAN 5G_Ant 0+1+BT_Ant1+RFID	Yes
K	WLAN 6G_Ant 0+RFID	Yes
L	WLAN 6G_Ant 1+RFID	Yes
M	WLAN 6G_Ant 0+1+RFID	Yes
N	WLAN 6G_Ant 0+BT_Ant1+RFID	Yes
O	WLAN 6G_Ant 0+1+BT+RFID	Yes

Notes

- 1. The WLAN 2.4G and WLAN 5G cannot transmit simultaneously.
- 2. Simultaneous TX Combination A can be covered by H
- 3. Simultaneous TX Combination D can be covered by I
- 4. Simultaneous TX Combination F and G can be covered by J
- 5. Simultaneous TX Combination K can be covered by N
- 6. Simultaneous TX Combination M can be covered by O

Simultaneous Transmission SAR Evaluation (Body)																				
Position	2	3	4	5	6	7	8	9	10	11	12	B(3+12)	C(4+12)	E(6+12)	H(2+11+12)	I(5+11+12)	J(7+11+12)	L(9+12)	N(8+11+12)	O(10+11+12)
	WLAN 2.4GHz Ant 0	WLAN 2.4GHz Ant 1	WLAN 2.4GHz Ant 0+1	Max WLAN 5GHz Ant 0	Max WLAN 5GHz Ant 1	Max WLAN 5GHz Ant 0+1	Max WLAN 6GHz Ant 0	Max WLAN 6GHz Ant 1	Max WLAN 6GHz Ant	Max BT Ant 1	Max RFID	Summing result 1g SAR W/kg	Summing result 1g SAR W/kg	Summing result 1g SAR W/kg	Summing result 1g SAR W/kg	Summing result 1g SAR W/kg	Summing result 1g SAR W/kg	Summing result 1g SAR W/kg	Summing result 1g SAR W/kg	Summing result 1g SAR W/kg
	1g SAR W/kg	1g SAR W/kg	1g SAR W/kg	1g SAR W/kg	1g SAR W/kg	1g SAR W/kg	1g SAR W/kg	1g SAR W/kg	1g SAR W/kg	1g SAR W/kg	1g SAR W/kg									
Bottom for Laptop	0.00	0.00	0.00	0.00	0.03	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.00	0.00	0.02	0.00	0.00	0.00
Rear Face	0.24	0.31	0.23	0.40	0.20	0.38	0.46	0.10	0.32	0.00	0.00	0.31	0.23	0.20	0.24	0.40	0.38	0.10	0.46	0.32
Left Side	0.00	0.48	0.35	0.00	0.68	0.64	0.00	0.37	0.52	0.20	0.00	0.48	0.35	0.68	0.20	0.20	0.84	0.37	0.20	0.72
Right Side	0.17	0.00	0.15	0.26	0.00	0.08	0.25	0.00	0.16	0.00	0.00	0.00	0.15	0.00	0.17	0.26	0.08	0.00	0.25	0.16
Top Side	0.69	0.00	0.72	0.87	0.05	0.88	1.01	0.00	0.63	0.00	0.00	0.00	0.72	0.05	0.69	0.87	0.88	0.00	1.01	0.63
Bottom Side	0.00	0.08	0.05	0.00	0.05	0.03	0.00	0.09	0.07	0.00	0.00	0.08	0.05	0.05	0.00	0.00	0.03	0.09	0.00	0.07

Annex I. SAR to Peak Location Separation Ratio Analysis.

Since sum of simultaneous transmission SAR is less than the SAR limit for Body : SAR_{1g} 1.6 W/kg. There is no requirement for SAR to Peak Location Separation Ratio Analysis.

Annex J.Calibration of Test Equipment List

Calibration of Test Equipment List are shown as below.

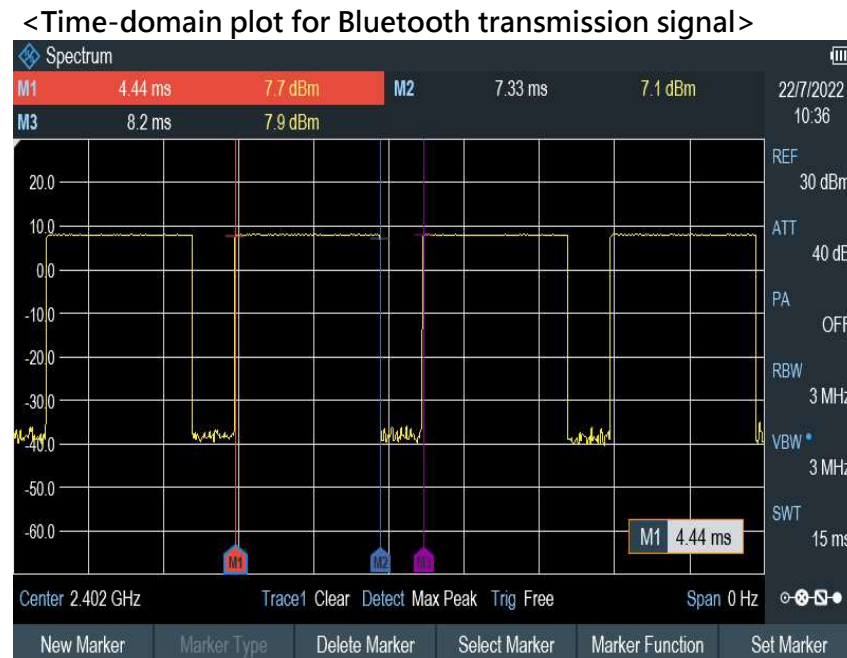
Equipment for SAR Test					
Equipment	Manufacturer	Model	SN	Cal. Date	Cal. Interval
System Validation Dipole	SPEAG	CLA13	1018	Mar. 22, 2022	1 Year
System Validation Dipole	SPEAG	D2450V2	737	Aug. 26, 2021	1 Year
System Validation Dipole	SPEAG	D5GHzV2	1019	Mar. 19, 2021	2 Years
System Validation Dipole	SPEAG	D6.5GHzV2	1008	Sep. 24, 2021	1 Year
System Verification Source	SPEAG	5G Verification Source 10 GHz	1025	Jan. 17, 2022	1 Year
Dosimetric E-Field Probe	SPEAG	EX3DV4	7472	May. 27, 2022	1 Year
Dosimetric E-Field Probe	SPEAG	EX3DV4	7720	Mar. 21, 2022	1 Year
E-Field Probe	SPEAG	EUmmWV4	9438	Jul. 14, 2022	1 Year
Data Acquisition Electronics	SPEAG	DAE4	1431	Feb. 23, 2022	1 Year
Data Acquisition Electronics	SPEAG	DAE4	1698	Nov. 09, 2021	1 Year
Spectrum Analyzer	R&S	FSL6	102006	Apr. 13, 2022	1 Year
Analog Signal Generator	R&S	SMA100B	104417	Oct. 22, 2021	1 Year
Mini-Circuits Wideband Amplifier	Mini-Circuits	ZVA-183-S+	434502031A	Aug. 20, 2021	1 Year
Power Meter	Anritsu	ML2495A	1218009	Jul. 04, 2022	1 Year
Power Sensor	Anritsu	MA2411B	1207252	Jul. 05, 2022	1 Year
Thermometer	YFE	YF-160A	150601220	May. 26, 2022	1 Year
Dielectric Assessment Kit	SPEAG	DAKS-3.5	1092	May. 23, 2022	1 Year
Dielectric Assessment Kit	SPEAG	DAKS_VNA R140	0010917	May. 23, 2022	1 Year
Dielectric Assessment Kit	SPEAG	DAK-12	1164	Mar. 21, 2022	1 Year
Powersource1	SPEAG	SE_UMS_160 BA	4260	Jan. 13, 2022	1 Year

Annex K. Considerations Related to Bluetooth for Setup and Testing

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

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

The duty factor of Bluetooth signal are shown as below.



Time-domain plot for Bluetooth transmission signal

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

$$\text{Duty Factor} = \text{Pulse Width} / \text{Total Period} = (7.33 - 4.44) / (8.2 - 4.44) = 76.86\%$$