

Annex A. SAR Plots of System Verification

The plots for system verification are shown as follows.

S01 System Check_H2450_211006

DUT: Dipole 2450 MHz; Type: D2450V2; SN: 835

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

Medium: H19T27N1_1006 Medium parameters used (interpolated): $f = 2450$ MHz; $\sigma = 1.87$ S/m; $\epsilon_r = 37.896$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C ; Liquid Temperature : 23.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3887; ConvF(7.33, 7.33, 7.33) @ 2450 MHz; Calibrated: 2020/10/22
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2021/04/14
- Phantom: ELI Phantom_2105; Type: QD OVA 004 Ax;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

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

Maximum value of SAR (interpolated) = 4.79 W/kg

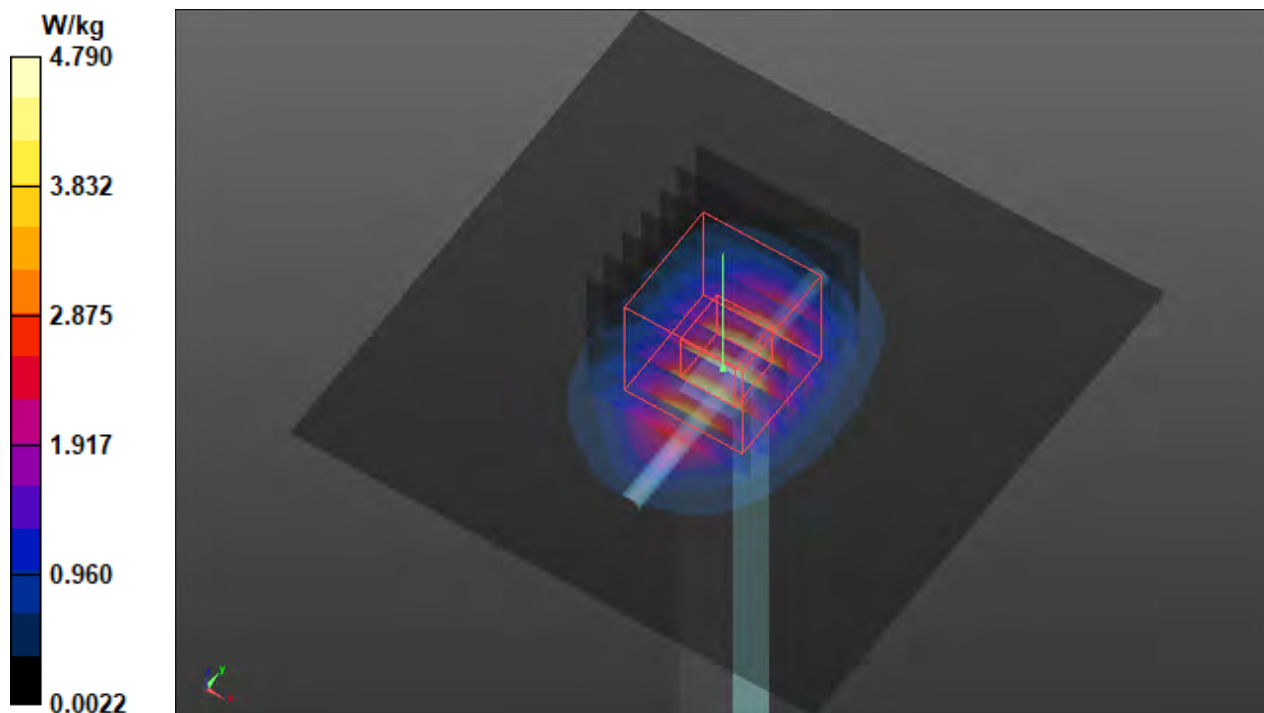
Pin=50mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 52.76 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 5.95 W/kg

SAR(1 g) = 2.85 W/kg; SAR(10 g) = 1.36 W/kg (SAR corrected for target medium)

Maximum value of SAR (measured) = 4.83 W/kg



S02 System Check_H5250_211006

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

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

Medium: H34T60N1_1006 Medium parameters used: $f = 5250$ MHz; $\sigma = 4.818$ S/m; $\epsilon_r = 35.611$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C ; Liquid Temperature : 23.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3887; ConvF(4.71, 4.71, 4.71) @ 5250 MHz; Calibrated: 2020/10/22
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2021/04/14
- Phantom: ELI Phantom_2105; Type: QD OVA 004 Ax;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

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

Maximum value of SAR (interpolated) = 9.65 W/kg

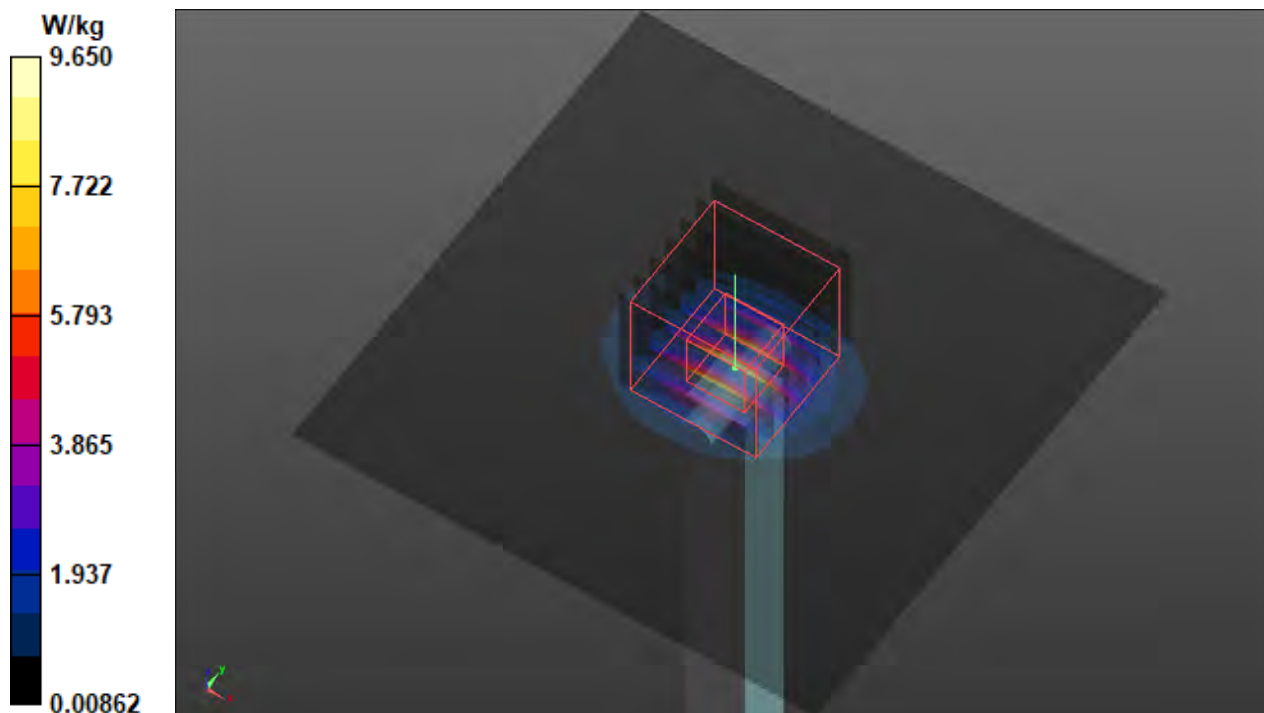
Pin=50mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 50.77 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 16.5 W/kg

SAR(1 g) = 4.11 W/kg; SAR(10 g) = 1.18 W/kg (SAR corrected for target medium)

Maximum value of SAR (measured) = 10.4 W/kg



S03 System Check_H5600_211005

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

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

Medium: H34T60N1_1005 Medium parameters used: $f = 5600$ MHz; $\sigma = 5.029$ S/m; $\epsilon_r = 37.237$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.8 °C ; Liquid Temperature : 23.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3650; ConvF(4.8, 4.8, 4.8) @ 5600 MHz; Calibrated: 2021/03/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2021/01/19
- Phantom: ELI Phantom_1245; Type: QDOVA002AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

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

Maximum value of SAR (interpolated) = 9.34 W/kg

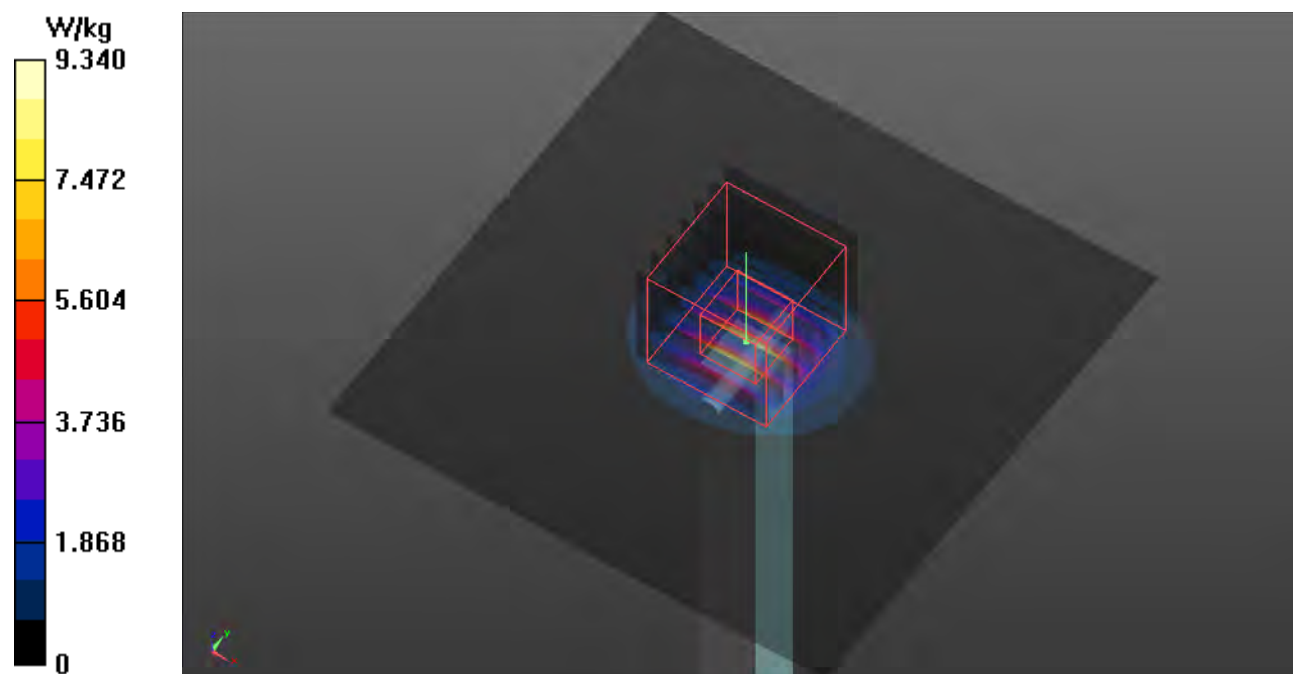
Pin=50mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 48.18 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 15.5 W/kg

SAR(1 g) = 3.9 W/kg; SAR(10 g) = 1.12 W/kg (SAR corrected for target medium)

Maximum value of SAR (measured) = 9.80 W/kg



S04 System Check_H5750_211005**DUT: Dipole 5 GHz; Type: D5GHzV2; SN: 1019**

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

Medium: H34T60N1_1005 Medium parameters used: $f = 5750$ MHz; $\sigma = 5.164$ S/m; $\epsilon_r = 37.001$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.7 °C ; Liquid Temperature : 23.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3650; ConvF(5.1, 5.1, 5.1) @ 5750 MHz; Calibrated: 2021/03/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2021/01/19
- Phantom: ELI Phantom_1245; Type: QDOVA002AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

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

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

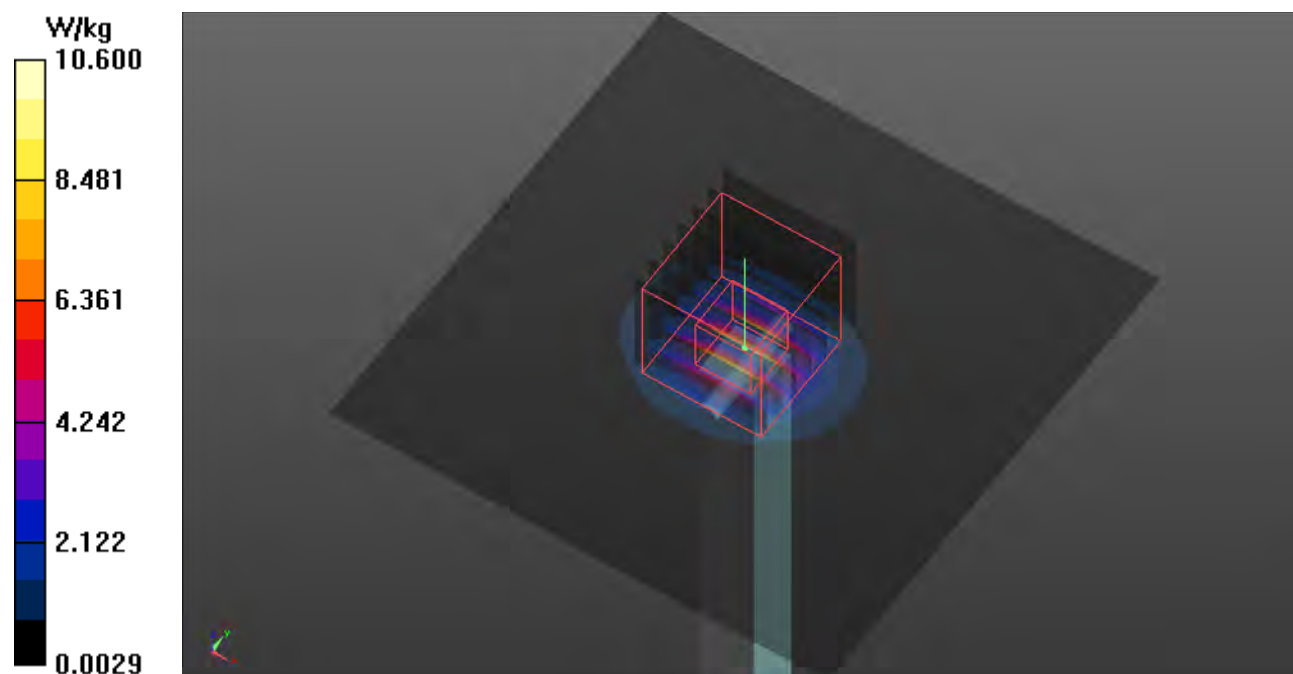
Pin=50mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 49.29 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 17.5 W/kg

SAR(1 g) = 4.1 W/kg; SAR(10 g) = 1.18 W/kg (SAR corrected for target medium)

Maximum value of SAR (measured) = 10.6 W/kg



S05 System Check_H2450_211005

DUT: Dipole 2450 MHz; Type: D2450V2; SN: 835

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

Medium: H19T27N1_1005 Medium parameters used (interpolated): $f = 2450$ MHz; $\sigma = 1.884$ S/m; $\epsilon_r = 38.37$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C ; Liquid Temperature : 23.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3887; ConvF(7.33, 7.33, 7.33) @ 2450 MHz; Calibrated: 2020/10/22
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2021/04/14
- Phantom: ELI Phantom_2105; Type: QD OVA 004 Ax;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

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

Maximum value of SAR (interpolated) = 4.33 W/kg

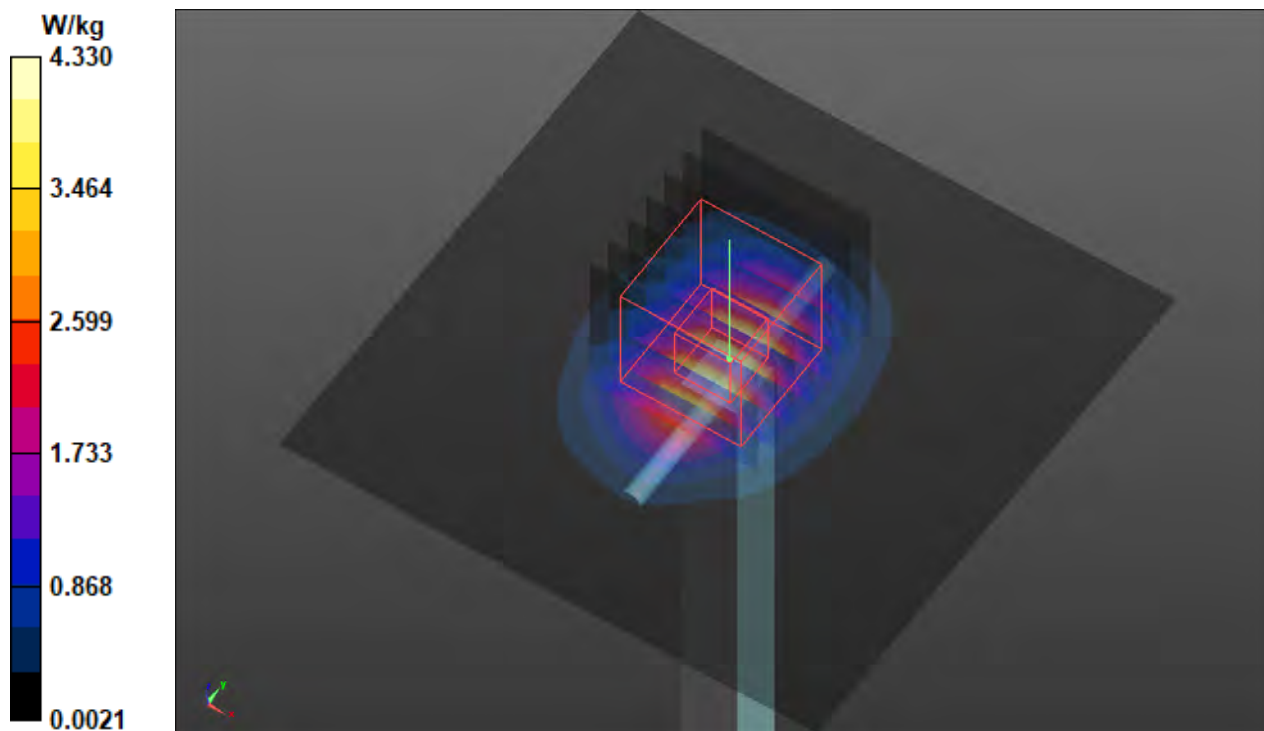
Pin=50mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 48.90 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 5.33 W/kg

SAR(1 g) = 2.54 W/kg; SAR(10 g) = 1.2 W/kg (SAR corrected for target medium)

Maximum value of SAR (measured) = 4.33 W/kg



Annex B. SAR Plots of SAR Measurement

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

P01 WLAN 2.4G_802.11n HT40_Bottom_0mm_Ch3_Sample WNC_Ant 0+1**DUT: BEDW-WTW-P21090361**

Communication System: UID 10599 - AAC, IEEE 802.11n (HT Mixed, 40MHz, MCS0);

Frequency: 2422 MHz; Duty Cycle: 1:1.01

Medium: H19T27N1_1006 Medium parameters used: $f = 2422$ MHz; $\sigma = 1.839$ S/m; $\epsilon_r = 38.001$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C ; Liquid Temperature : 23.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3887; ConvF(7.33, 7.33, 7.33) @ 2422 MHz; Calibrated: 2020/10/22
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2021/04/14
- Phantom: ELI Phantom_2105; Type: QD OVA 004 Ax;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (71x221x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

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

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

Reference Value = 28.30 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 2.27 W/kg

SAR(1 g) = 1.12 W/kg; SAR(10 g) = 0.549 W/kg (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 10.2 mm

Ratio of SAR at M2 to SAR at M1 = 52.7%

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

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

Reference Value = 28.30 V/m; Power Drift = -0.11 dB

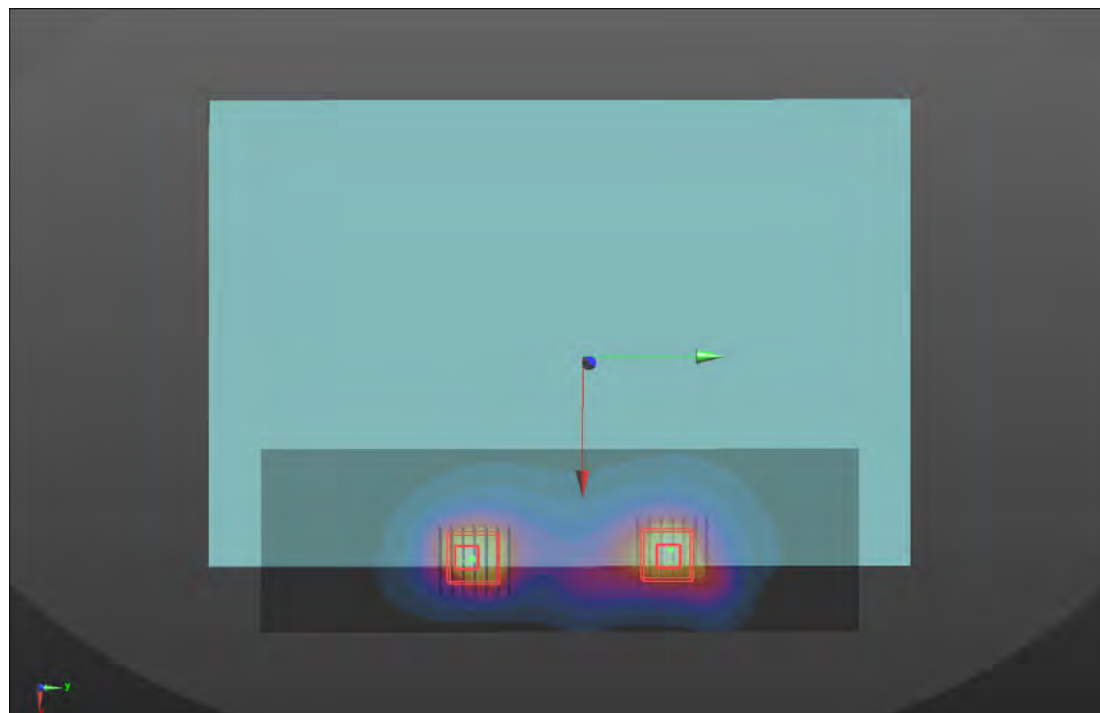
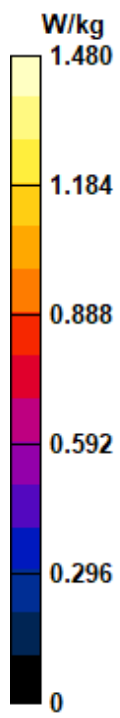
Peak SAR (extrapolated) = 2.35 W/kg

SAR(1 g) = 1.04 W/kg; SAR(10 g) = 0.513 W/kg (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 9.8 mm

Ratio of SAR at M2 to SAR at M1 = 44.7%

Maximum value of SAR (measured) = 1.81 W/kg



P02 WLAN 5.3G_802.11ac VHT160_Bottom_0mm_Ch50_Sample WNC_Ant 0+1**DUT: BEDW-WTW-P21090361**

Communication System: UID 10554 - AAD, IEEE 802.11ac WiFi (160MHz, MCS0); Frequency: 5250 MHz; Duty Cycle: 1:1.05

Medium: H34T60N1_1006 Medium parameters used: $f = 5250$ MHz; $\sigma = 4.818$ S/m; $\epsilon_r = 35.611$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C ; Liquid Temperature : 23.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3887; ConvF(4.71, 4.71, 4.71) @ 5250 MHz; Calibrated: 2020/10/22
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2021/04/14
- Phantom: ELI Phantom_2105; Type: QD OVA 004 Ax;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (81x261x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 2.13 W/kg

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

Reference Value = 19.16 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 4.52 W/kg

SAR(1 g) = 1.12 W/kg; SAR(10 g) = 0.390 W/kg (SAR corrected for target medium)

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

Ratio of SAR at M2 to SAR at M1 = 65%

Maximum value of SAR (measured) = 2.73 W/kg

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

Reference Value = 19.16 V/m; Power Drift = -0.09 dB

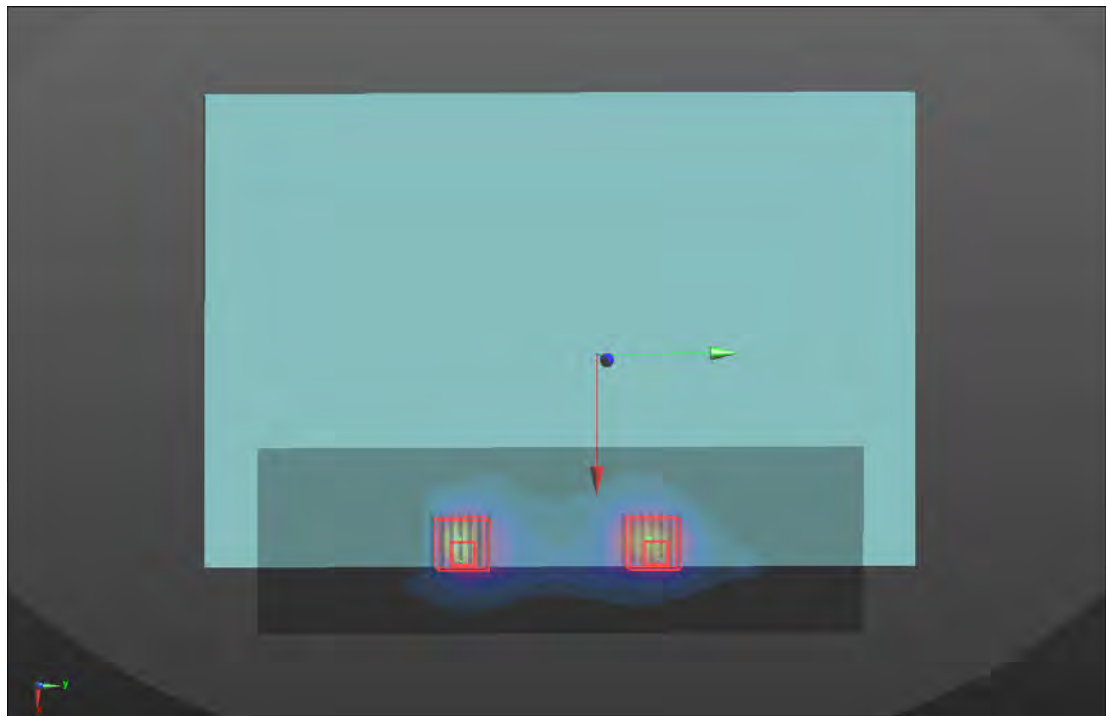
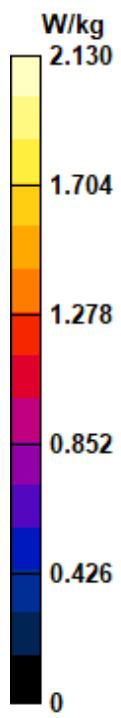
Peak SAR (extrapolated) = 3.87 W/kg

SAR(1 g) = 1 W/kg; SAR(10 g) = 0.347 W/kg (SAR corrected for target medium)

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

Ratio of SAR at M2 to SAR at M1 = 65.4%

Maximum value of SAR (measured) = 2.28 W/kg



**P03 WLAN 5.6G_802.11ac VHT160_Bottom_0mm_Ch114_Sample
WNC_Ant 0+1****DUT: BEDW-WTW-P21090361**

Communication System: UID 10554 - AAD, IEEE 802.11ac WiFi (160MHz, MCS0); Frequency: 5570 MHz; Duty Cycle: 1:1.05

Medium: H34T60N1_1005 Medium parameters used (interpolated): $f = 5570$ MHz; $\sigma = 5.013$ S/m; $\epsilon_r = 37.191$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.8 °C ; Liquid Temperature : 23.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3650; ConvF(4.8, 4.8, 4.8) @ 5570 MHz; Calibrated: 2021/03/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2021/01/19
- Phantom: ELI Phantom_1245; Type: QDOVA002AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (81x261x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 1.20 W/kg

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

Reference Value = 16.63 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 3.57 W/kg

SAR(1 g) = 0.917 W/kg; SAR(10 g) = 0.319 W/kg (SAR corrected for target medium)

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

Ratio of SAR at M2 to SAR at M1 = 63.2%

Maximum value of SAR (measured) = 2.10 W/kg

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

Reference Value = 16.63 V/m; Power Drift = -0.09 dB

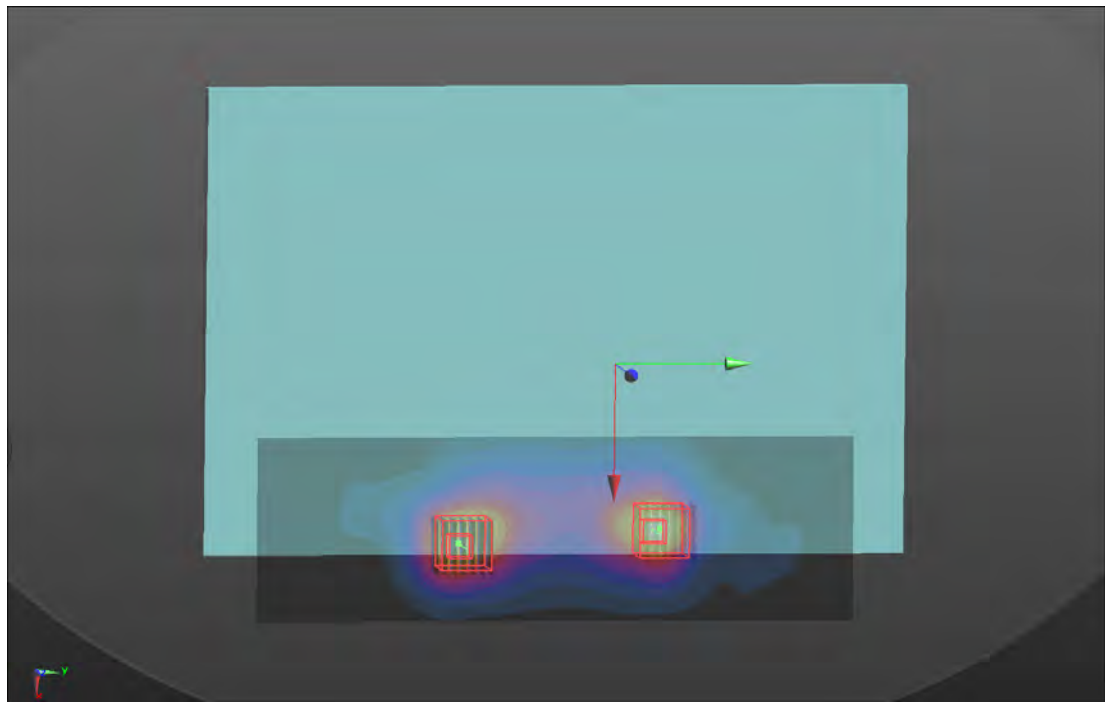
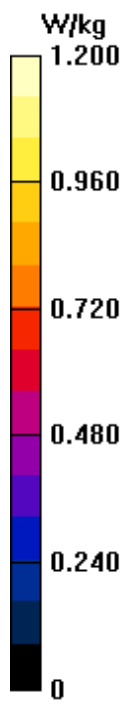
Peak SAR (extrapolated) = 2.71 W/kg

SAR(1 g) = 0.742 W/kg; SAR(10 g) = 0.299 W/kg (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 9.4 mm

Ratio of SAR at M2 to SAR at M1 = 64.4%

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



P04 WLAN 5.8G_802.11ac VHT80_Bottom_0mm_Ch155_Sample WNC_Ant 0+1**DUT: BEDW-WTW-P21090361**

Communication System: UID 10544 - AAC, IEEE 802.11ac WiFi (80MHz, MCS0); Frequency: 5775 MHz; Duty Cycle: 1:1.06

Medium: H34T60N1_1005 Medium parameters used: $f = 5775$ MHz; $\sigma = 5.21$ S/m; $\epsilon_r = 36.899$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.8 °C ; Liquid Temperature : 23.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3650; ConvF(5.1, 5.1, 5.1) @ 5775 MHz; Calibrated: 2021/03/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2021/01/19
- Phantom: ELI Phantom_1245; Type: QDOVA002AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (81x261x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 1.82 W/kg

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

Reference Value = 20.54 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 4.15 W/kg

SAR(1 g) = 1.1 W/kg; SAR(10 g) = 0.415 W/kg (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 9.8 mm

Ratio of SAR at M2 to SAR at M1 = 62.9%

Maximum value of SAR (measured) = 2.45 W/kg

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

Reference Value = 20.54 V/m; Power Drift = -0.14 dB

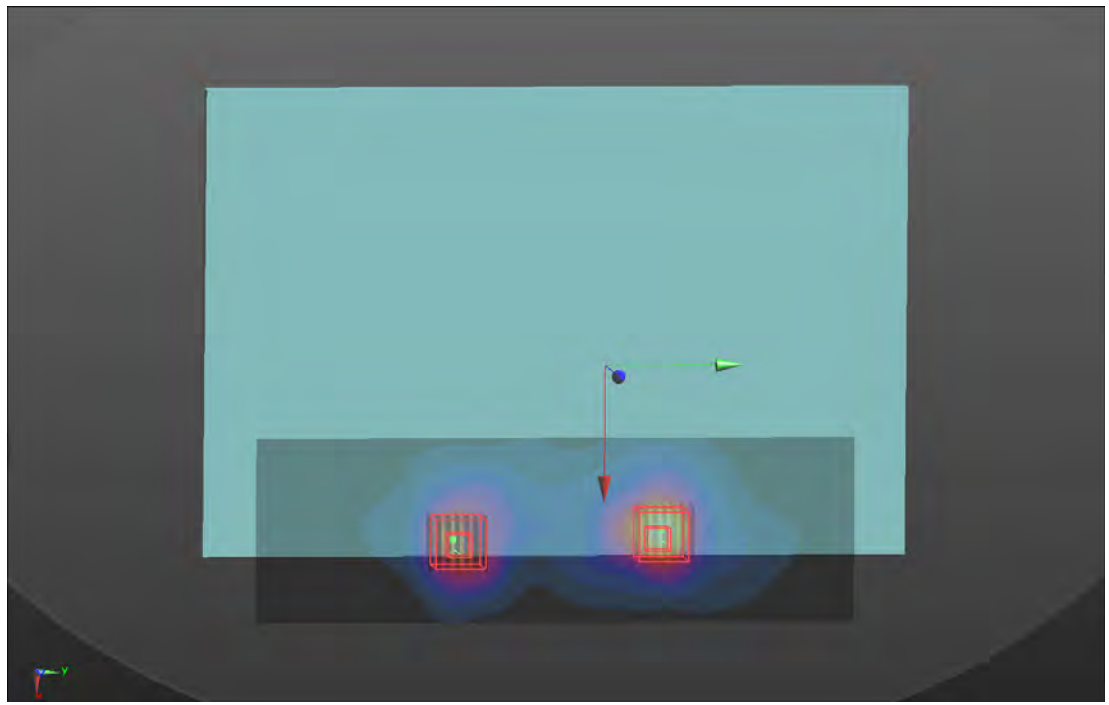
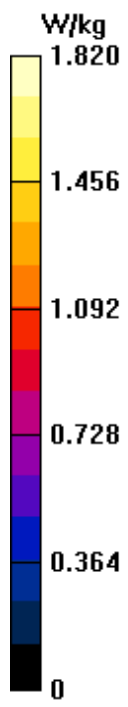
Peak SAR (extrapolated) = 3.43 W/kg

SAR(1 g) = 0.902 W/kg; SAR(10 g) = 0.356 W/kg (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 10 mm

Ratio of SAR at M2 to SAR at M1 = 63.9%

Maximum value of SAR (measured) = 1.99 W/kg



P05 BT_BR_EDR_Rear Face_0mm_Ch0_WNC_Ant 1**DUT: BEDW-WTW-P21090373**

Communication System: UID 10032 - CAA, IEEE 802.15.1 Bluetooth (GFSK, DH5); Frequency: 2402 MHz; Duty Cycle: 1:1.3

Medium: H19T27N1_1005 Medium parameters used (interpolated): $f = 2402$ MHz; $\sigma = 1.835$ S/m; $\epsilon_r = 38.581$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C ; Liquid Temperature : 23.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3887; ConvF(7.33, 7.33, 7.33) @ 2402 MHz; Calibrated: 2020/10/22
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2021/04/14
- Phantom: ELI Phantom_2105; Type: QD OVA 004 Ax;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

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

Maximum value of SAR (interpolated) = 0.744 W/kg

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

Reference Value = 13.30 V/m; Power Drift = -0.07 dB

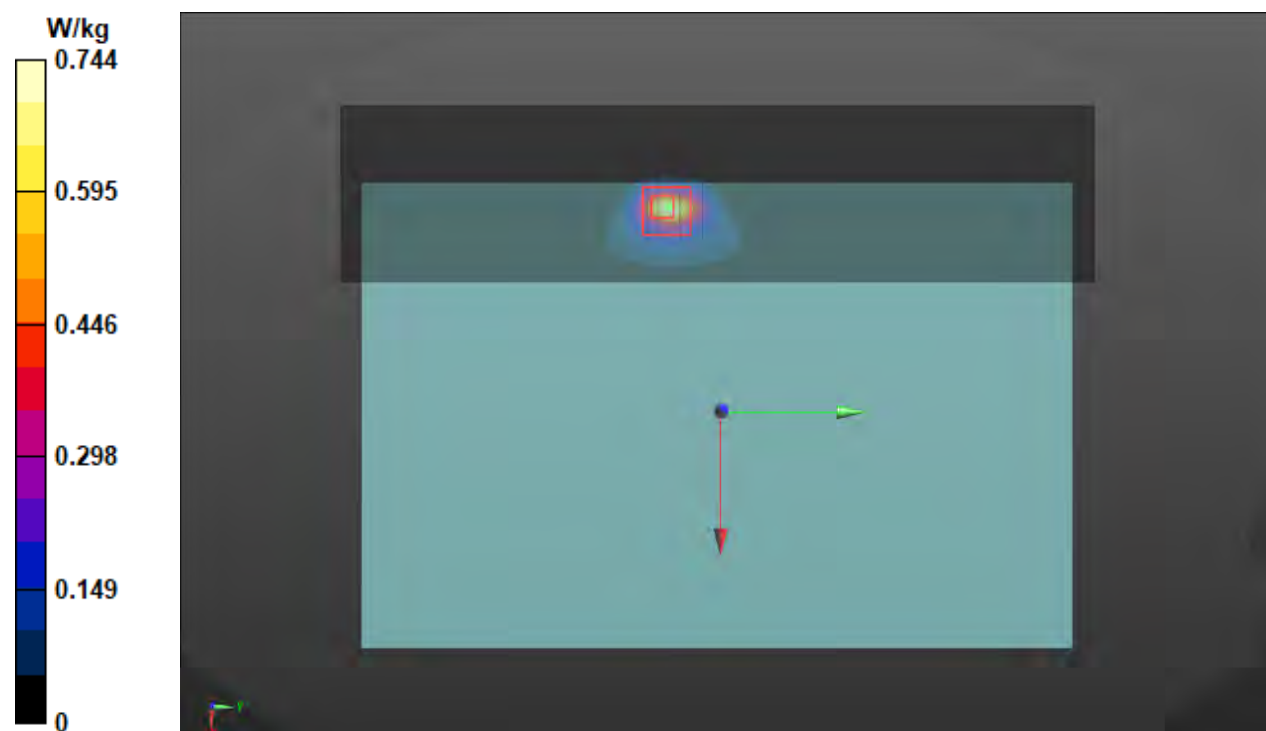
Peak SAR (extrapolated) = 0.986 W/kg

SAR(1 g) = 0.301 W/kg; SAR(10 g) = 0.149 W/kg (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 6.4 mm

Ratio of SAR at M2 to SAR at M1 = 37.3%

Maximum value of SAR (measured) = 0.717 W/kg



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			Date	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		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	1.87	37.896	1.8	39.2	3.89	-3.33	Pass	Pass	Pass	OFDM	N/A	Pass	Oct. 06, 2021	2450	52.70	2.85	56.86	7.90	835	3887	861	17
S02	5250	23.3	4.818	35.611	4.71	35.9	2.29	-0.81	Pass	Pass	Pass	OFDM	N/A	Pass	Oct. 06, 2021	5250	80.60	4.11	82.01	1.74	1019	3887	861	17
S03	5600	23.5	5.029	37.237	5.07	35.5	-0.81	4.89	Pass	Pass	Pass	OFDM	N/A	Pass	Oct. 05, 2021	5600	82.40	3.9	77.82	-5.56	1019	3650	1277	17
S04	5750	23.5	5.164	37.001	5.22	35.4	-1.07	4.52	Pass	Pass	Pass	OFDM	N/A	Pass	Oct. 05, 2021	5750	79.40	4.1	81.81	3.03	1019	3650	1277	17
S05	2450	23.3	1.884	38.37	1.8	39.2	4.67	-2.12	Pass	Pass	Pass	OFDM	N/A	Pass	Oct. 05, 2021	2450	52.70	2.54	50.68	-3.83	835	3887	861	17

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 (Laptop Mode)							
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	17.0	17.0	-	-	-
	6	2437	17.0	17.0	-	-	-
	11	2462	17.0	17.0	-	-	-
	12	2467	17.0	17.0	-	-	-
	13	2472	17.0	17.0	-	-	-
802.11g	1	2412	17.0	17.0	-	-	-
	6	2437	17.0	17.0	-	-	-
	11	2462	17.0	17.0	-	-	-
	12	2467	16.0	16.0	-	-	-
	13	2472	12.5	12.5	-	-	-
802.11n HT20	1	2412	17.0	17.0	17.0	17.0	20.0
	6	2437	17.0	17.0	17.0	17.0	20.0
	11	2462	17.0	17.0	17.0	17.0	20.0
	12	2467	16.0	16.0	13.0	13.0	16.0
	13	2472	12.5	12.5	10.0	10.0	13.0
802.11n HT40	3	2422	17.0	17.0	17.0	17.0	20.0
	6	2437	17.0	17.0	17.0	17.0	20.0
	9	2452	17.0	17.0	16.0	16.0	19.0
	10	2457	14.0	14.0	13.0	13.0	16.0
	11	2462	12.0	12.0	9.0	9.0	12.0
802.11ax HE20	1	2412	17.0	17.0	17.0	17.0	20.0
	6	2437	17.0	17.0	17.0	17.0	20.0
	11	2462	17.0	17.0	17.0	17.0	20.0
	12	2467	17.0	17.0	13.0	13.0	16.0
	13	2472	14.0	14.0	10.0	10.0	13.0
802.11ax HE40	3	2422	17.0	17.0	17.0	17.0	20.0
	6	2437	17.0	17.0	17.0	17.0	20.0
	9	2452	17.0	17.0	16.0	16.0	19.0
	10	2457	14.0	14.0	13.0	13.0	16.0
	11	2462	11.5	11.5	10.0	10.0	13.0

WLAN Tune-up Power (Laptop Mode)					
Bluetooth					
Mode	Channel	Frequency		Ant 1 Max Tune-up	
BR / EDR	0	2402		10.5	
	39	2441		10.5	
	78	2480		10.5	
LE	0	2402		9.0	
	19	2440		9.0	
	39	2480		9.0	

WLAN Tune-up Power (Laptop Mode)							
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	13.5	15.0	-	-	-
	40	5200	13.5	15.0	-	-	-
	44	5220	13.5	15.0	-	-	-
	48	5240	13.5	15.0	13.5	13.5	16.5
802.11n HT20	36	5180	13.5	15.0	13.5	13.5	16.5
	40	5200	13.5	15.0	13.5	13.5	16.5
	44	5220	13.5	15.0	13.5	13.5	16.5
	48	5240	13.5	15.0	13.5	13.5	16.5
802.11n HT40	38	5190	13.5	15.0	13.5	13.5	16.5
	46	5230	13.5	15.0	13.5	13.5	16.5
802.11ac VHT80	42	5210	13.5	15.0	13.5	13.5	16.5
802.11ax HE20	36	5180	13.5	15.0	13.5	13.5	16.5
	40	5200	13.5	15.0	13.5	13.5	16.5
	44	5220	13.5	15.0	13.5	13.5	16.5
	48	5240	13.5	15.0	13.5	13.5	16.5
802.11ax HE40	38	5190	13.5	15.0	13.5	13.5	16.5
	46	5230	13.5	15.0	13.5	13.5	16.5
802.11ax HE80	42	5210	13.5	15.0	13.5	13.5	16.5

WLAN Tune-up Power (Laptop Mode)							
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	13.5	15.0	-	-	-
	56	5280	13.5	15.0	-	-	-
	60	5300	13.5	15.0	-	-	-
	64	5320	13.5	15.0	-	-	-
802.11n HT20	52	5260	13.5	15.0	13.5	13.5	16.5
	56	5280	13.5	15.0	13.5	13.5	16.5
	60	5300	13.5	15.0	13.5	13.5	16.5
	64	5320	13.5	15.0	13.5	13.5	16.5
802.11n HT40	54	5270	13.5	15.0	13.5	13.5	16.5
	62	5310	13.5	15.0	13.5	13.5	16.5
802.11ac VHT80	58	5290	13.5	15.0	13.5	13.5	16.5
802.11ac VHT160	50	5250	13.5	15.0	13.5	13.5	16.5
802.11ax HE20	52	5260	13.5	15.0	13.5	13.5	16.5
	56	5280	13.5	15.0	13.5	13.5	16.5
	60	5300	13.5	15.0	13.5	13.5	16.5
	64	5320	13.5	15.0	13.5	13.5	16.5
802.11ax HE40	54	5270	13.5	15.0	13.5	13.5	16.5
	62	5310	13.5	15.0	13.5	13.5	16.5
802.11ax HE80	58	5290	13.5	15.0	13.5	13.5	16.5
802.11ax HE160	50	5250	13.5	15.0	13.5	13.5	16.5

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

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

WLAN Tune-up Power (Tablet Mode)							
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	12.0	12.0	-	-	-
	6	2437	12.0	12.0	-	-	-
	11	2462	12.0	12.0	-	-	-
	12	2467	12.0	12.0	-	-	-
	13	2472	12.0	12.0	-	-	-
802.11g	1	2412	12.0	12.0	-	-	-
	6	2437	12.0	12.0	-	-	-
	11	2462	12.0	12.0	-	-	-
	12	2467	12.0	12.0	-	-	-
	13	2472	12.0	12.0	-	-	-
802.11n HT20	1	2412	12.0	12.0	12.0	12.0	15.0
	6	2437	12.0	12.0	12.0	12.0	15.0
	11	2462	12.0	12.0	12.0	12.0	15.0
	12	2467	12.0	12.0	12.0	12.0	15.0
	13	2472	12.0	12.0	10.0	10.0	13.0
802.11n HT40	3	2422	12.0	12.0	12.0	12.0	15.0
	6	2437	12.0	12.0	12.0	12.0	15.0
	9	2452	12.0	12.0	12.0	12.0	15.0
	10	2457	12.0	12.0	12.0	12.0	15.0
	11	2462	12.0	12.0	9.0	9.0	12.0
802.11ax HE20	1	2412	12.0	12.0	12.0	12.0	15.0
	6	2437	12.0	12.0	12.0	12.0	15.0
	11	2462	12.0	12.0	12.0	12.0	15.0
	12	2467	12.0	12.0	12.0	12.0	15.0
	13	2472	12.0	12.0	10.0	10.0	13.0
802.11ax HE40	3	2422	12.0	12.0	12.0	12.0	15.0
	6	2437	12.0	12.0	12.0	12.0	15.0
	9	2452	12.0	12.0	12.0	12.0	15.0
	10	2457	12.0	12.0	12.0	12.0	15.0
	11	2462	11.5	11.5	10.0	10.0	13.0

WLAN Tune-up Power (Tablet Mode)					
Bluetooth					
Mode	Channel	Frequency		Ant 1 Max Tune-up	
BR / EDR	0	2402		10.5	
	39	2441		10.5	
	78	2480		10.5	
LE	0	2402		9.0	
	19	2440		9.0	
	39	2480		9.0	

WLAN Tune-up Power (Tablet Mode)							
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	8.5	8.5	-	-	-
	40	5200	8.5	8.5	-	-	-
	44	5220	8.5	8.5	-	-	-
	48	5240	8.5	8.5	-	-	-
802.11n HT20	36	5180	8.5	8.5	8.5	8.5	11.5
	40	5200	8.5	8.5	8.5	8.5	11.5
	44	5220	8.5	8.5	8.5	8.5	11.5
	48	5240	8.5	8.5	8.5	8.5	11.5
802.11n HT40	38	5190	8.5	8.5	8.5	8.5	11.5
	46	5230	8.5	8.5	8.5	8.5	11.5
802.11ac VHT80	42	5210	8.5	8.5	8.5	8.5	11.5
802.11ax HE20	36	5180	8.5	8.5	8.5	8.5	11.5
	40	5200	8.5	8.5	8.5	8.5	11.5
	44	5220	8.5	8.5	8.5	8.5	11.5
	48	5240	8.5	8.5	8.5	8.5	11.5
802.11ax HE40	38	5190	8.5	8.5	8.5	8.5	11.5
	46	5230	8.5	8.5	8.5	8.5	11.5
802.11ax HE80	42	5210	8.5	8.5	8.5	8.5	11.5

WLAN Tune-up Power (Tablet Mode)							
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	8.5	8.5	-	-	-
	56	5280	8.5	8.5	-	-	-
	60	5300	8.5	8.5	-	-	-
	64	5320	8.5	8.5	-	-	-
802.11n HT20	52	5260	8.5	8.5	8.5	8.5	11.5
	56	5280	8.5	8.5	8.5	8.5	11.5
	60	5300	8.5	8.5	8.5	8.5	11.5
	64	5320	8.5	8.5	8.5	8.5	11.5
802.11n HT40	54	5270	8.5	8.5	8.5	8.5	11.5
	62	5310	8.5	8.5	8.5	8.5	11.5
802.11ac VHT80	58	5290	8.5	8.5	8.5	8.5	11.5
802.11ac VHT160	50	5250	8.5	8.5	8.5	8.5	11.5
802.11ax HE20	52	5260	8.5	8.5	8.5	8.5	11.5
	56	5280	8.5	8.5	8.5	8.5	11.5
	60	5300	8.5	8.5	8.5	8.5	11.5
	64	5320	8.5	8.5	8.5	8.5	11.5
802.11ax HE40	54	5270	8.5	8.5	8.5	8.5	11.5
	62	5310	8.5	8.5	8.5	8.5	11.5
802.11ax HE80	58	5290	8.5	8.5	8.5	8.5	11.5
802.11ax HE160	50	5250	8.5	8.5	8.5	8.5	11.5

WLAN Tune-up Power (Tablet Mode)							
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	8.5	8.5	-	-	-
	116	5580	8.5	8.5	-	-	-
	120	5600	8.5	8.5	-	-	-
	124	5620	8.5	8.5	-	-	-
	132	5660	8.5	8.5	-	-	-
	140	5700	8.5	8.5	-	-	-
802.11n HT20	100	5500	8.5	8.5	8.5	8.5	11.5
	116	5580	8.5	8.5	8.5	8.5	11.5
	120	5600	8.5	8.5	8.5	8.5	11.5
	124	5620	8.5	8.5	8.5	8.5	11.5
	132	5660	8.5	8.5	8.5	8.5	11.5
	140	5700	8.5	8.5	8.5	8.5	11.5
	144	5720	8.5	8.5	8.5	8.5	11.5
802.11n HT40	102	5510	8.5	8.5	8.5	8.5	11.5
	110	5550	8.5	8.5	8.5	8.5	11.5
	118	5590	8.5	8.5	8.5	8.5	11.5
	126	5630	8.5	8.5	8.5	8.5	11.5
	134	5670	8.5	8.5	8.5	8.5	11.5
	142	5710	8.5	8.5	8.5	8.5	11.5
802.11ac VHT80	106	5530	8.5	8.5	8.5	8.5	11.5
	122	5610	8.5	8.5	8.5	8.5	11.5
	138	5690	8.5	8.5	8.5	8.5	11.5
802.11ac VHT160	114	5570	8.5	8.5	8.5	8.5	11.5
802.11ax HE20	100	5500	8.5	8.5	8.5	8.5	11.5
	116	5580	8.5	8.5	8.5	8.5	11.5
	120	5600	8.5	8.5	8.5	8.5	11.5
	124	5620	8.5	8.5	8.5	8.5	11.5
	132	5660	8.5	8.5	8.5	8.5	11.5
	140	5700	8.5	8.5	8.5	8.5	11.5
	144	5720	8.5	8.5	8.5	8.5	11.5
802.11ax HE40	102	5510	8.5	8.5	8.5	8.5	11.5
	110	5550	8.5	8.5	8.5	8.5	11.5
	118	5590	8.5	8.5	8.5	8.5	11.5
	126	5630	8.5	8.5	8.5	8.5	11.5
	134	5670	8.5	8.5	8.5	8.5	11.5
	142	5710	8.5	8.5	8.5	8.5	11.5
802.11ax HE80	106	5530	8.5	8.5	8.5	8.5	11.5
	122	5610	8.5	8.5	8.5	8.5	11.5
	138	5690	8.5	8.5	8.5	8.5	11.5
802.11ax HE160	114	5570	8.5	8.5	8.5	8.5	11.5

WLAN Tune-up Power (Tablet Mode)							
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	9.0	10.5	-	-	-
	153	5765	9.0	10.5	-	-	-
	157	5785	9.0	10.5	-	-	-
	161	5805	9.0	10.5	-	-	-
	165	5825	9.0	10.5	-	-	-
802.11n HT20	149	5745	9.0	10.5	9.0	9.0	12.0
	153	5765	9.0	10.5	9.0	9.0	12.0
	157	5785	9.0	10.5	9.0	9.0	12.0
	161	5805	9.0	10.5	9.0	9.0	12.0
	165	5825	9.0	10.5	9.0	9.0	12.0
802.11n HT40	151	5755	9.0	10.5	9.0	9.0	12.0
	159	5795	9.0	10.5	9.0	9.0	12.0
802.11ac VHT80	155	5775	9.0	10.5	9.0	9.0	12.0
802.11ax HE20	149	5745	9.0	10.5	9.0	9.0	12.0
	153	5765	9.0	10.5	9.0	9.0	12.0
	157	5785	9.0	10.5	9.0	9.0	12.0
	161	5805	9.0	10.5	9.0	9.0	12.0
	165	5825	9.0	10.5	9.0	9.0	12.0
802.11ax HE40	151	5755	9.0	10.5	9.0	9.0	12.0
	159	5795	9.0	10.5	9.0	9.0	12.0
802.11ax HE80	155	5775	9.0	10.5	9.0	9.0	12.0

Annex E. Measured Conducted Power Result

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

WLAN Conducted Power (Laptop Mode)			
WLAN2.4GHz Ant 0			
Mode	Channel	Frequency	SISO Ant 0 Avg. Power
802.11b	1	2412	16.89
	6	2437	16.97
	11	2462	16.99
	12	2467	16.98
	13	2472	16.96
802.11g	1	2412	16.82
	6	2437	16.84
	11	2462	16.83
	12	2467	15.87
	13	2472	12.44
802.11n HT20	1	2412	16.95
	6	2437	16.91
	11	2462	16.96
	12	2467	15.96
	13	2472	12.48
802.11n HT40	3	2422	16.83
	6	2437	16.86
	9	2452	16.83
	10	2457	13.8
	11	2462	11.92
802.11ax HE20	1	2412	16.95
	6	2437	16.91
	11	2462	16.96
	12	2467	16.92
	13	2472	13.76
802.11ax HE40	3	2422	16.88
	6	2437	16.74
	9	2452	16.79
	10	2457	13.77
	11	2462	11.47

WLAN Conducted Power (Laptop Mode)			
WLAN2.4GHz Ant 1			
Mode	Channel	Frequency	SISO Ant 1 Avg. Power
802.11b	1	2412	16.93
	6	2437	16.89
	11	2462	16.94
	12	2467	16.97
	13	2472	16.98
802.11g	1	2412	16.81
	6	2437	16.92
	11	2462	16.75
	12	2467	15.9
	13	2472	12.48
802.11n HT20	1	2412	16.89
	6	2437	16.95
	11	2462	16.83
	12	2467	15.89
	13	2472	12.41
802.11n HT40	3	2422	16.15
	6	2437	16.1
	9	2452	16.09
	10	2457	13.98
	11	2462	11.78
802.11ax HE20	1	2412	16.85
	6	2437	16.89
	11	2462	16.9
	12	2467	16.87
	13	2472	13.87
802.11ax HE40	3	2422	16.87
	6	2437	16.87
	9	2452	16.73
	10	2457	13.88
	11	2462	11.41

WLAN Conducted Power (Laptop Mode)					
WLAN2.4GHz Ant 0+1					
Mode	Channel	Frequency	MIMO Ant 0 Avg. Power	MIMO Ant 1 Avg. Power	MIMO Ant 0+1 Avg. Power
802.11b	1	2412	-	-	-
	6	2437	-	-	-
	11	2462	-	-	-
	12	2467	-	-	-
	13	2472	-	-	-
802.11g	1	2412	-	-	-
	6	2437	-	-	-
	11	2462	-	-	-
	12	2467	-	-	-
	13	2472	-	-	-
802.11n HT20	1	2412	16.68	16.82	19.76
	6	2437	16.72	16.74	19.74
	11	2462	16.79	16.82	19.82
	12	2467	12.81	12.78	15.81
	13	2472	9.77	9.71	12.75
802.11n HT40	3	2422	16.98	16.88	19.94
	6	2437	16.92	16.91	19.93
	9	2452	15.88	15.99	18.95
	10	2457	12.98	12.97	15.99
	11	2462	8.88	8.99	11.95
802.11ax HE20	1	2412	16.94	16.79	19.88
	6	2437	16.74	16.65	19.71
	11	2462	16.65	16.79	19.73
	12	2467	12.79	12.78	15.8
	13	2472	9.72	9.69	12.72
802.11ax HE40	3	2422	16.61	16.74	19.69
	6	2437	16.7	16.67	19.7
	9	2452	15.73	15.88	18.82
	10	2457	12.72	12.75	15.75
	11	2462	9.7	9.65	12.69

WLAN Conducted Power (Laptop Mode)			
Bluetooth Ant 1			
Mode	Channel	Frequency	SISO Ant 1 Avg. Power
BR / EDR	0	2402	10.41
	39	2441	10.38
	78	2480	10.44
LE	0	2402	8.88
	19	2440	8.71
	39	2480	8.69

WLAN Conducted Power (Laptop Mode)			
WLAN 5.2GHz Ant 0			
Mode	Channel	Frequency	SISO Ant 0 Avg. Power
802.11a	36	5180	13.18
	40	5200	13.24
	44	5220	13.38
	48	5240	13.27
802.11n HT20	36	5180	13.32
	40	5200	13.3
	44	5220	13.34
	48	5240	13.34
802.11n HT40	38	5190	13.3
	46	5230	13.32
802.11ac VHT80	42	5210	13.41
802.11ax HE20	36	5180	13.25
	40	5200	13.32
	44	5220	13.22
	48	5240	13.28
802.11ax HE40	38	5190	13.25
	46	5230	13.21
802.11ax HE80	42	5210	13.2

WLAN Conducted Power (Laptop Mode)			
WLAN 5.2GHz Ant 1			
Mode	Channel	Frequency	SISO Ant 1 Avg. Power
802.11a	36	5180	14.82
	40	5200	14.84
	44	5220	14.8
	48	5240	14.83
802.11n HT20	36	5180	14.77
	40	5200	14.74
	44	5220	14.72
	48	5240	14.63
802.11n HT40	38	5190	14.52
	46	5230	14.84
802.11ac VHT80	42	5210	14.88
802.11ax HE20	36	5180	14.81
	40	5200	14.73
	44	5220	14.54
	48	5240	14.69
802.11ax HE40	38	5190	14.79
	46	5230	14.74
802.11ax HE80	42	5210	14.71

WLAN Conducted Power (Laptop Mode)					
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
802.11a	36	5180	-	-	-
	40	5200	-	-	-
	44	5220	-	-	-
	48	5240	-	-	-
802.11n HT20	36	5180	13.26	13.22	16.25
	40	5200	13.23	13.16	16.21
	44	5220	13.31	13.38	16.36
	48	5240	13.33	13.26	16.31
802.11n HT40	38	5190	13.25	13.25	16.26
	46	5230	13.18	13.14	16.17
802.11ac VHT80	42	5210	13.49	13.48	16.5
802.11ax HE20	36	5180	13.36	13.29	16.34
	40	5200	13.41	13.42	16.43
	44	5220	13.44	13.36	16.41
	48	5240	13.32	13.34	16.34
802.11ax HE40	38	5190	13.29	13.28	16.3
	46	5230	13.38	13.41	16.41
802.11ax HE80	42	5210	13.46	13.44	16.46

WLAN Conducted Power (Laptop Mode)			
WLAN 5.3GHz Ant 0			
Mode	Channel	Frequency	SISO Ant 0 Avg. Power
802.11a	52	5260	13.24
	56	5280	13.28
	60	5300	13.39
	64	5320	13.33
802.11n HT20	52	5260	13.3
	56	5280	13.23
	60	5300	13.32
	64	5320	13.29
802.11n HT40	54	5270	13.33
	62	5310	13.24
802.11ac VHT80	58	5290	13.41
802.11ac VHT160	50	5250	13.43
802.11ax HE20	52	5260	13.22
	56	5280	13.25
	60	5300	13.27
	64	5320	13.25
802.11ax HE40	54	5270	13.2
	62	5310	13.38
802.11ax HE80	58	5290	13.3
802.11ax HE160	50	5250	13.25

WLAN Conducted Power (Laptop Mode)			
WLAN 5.3GHz Ant 1			
Mode	Channel	Frequency	SISO Ant 1 Avg. Power
802.11a	52	5260	14.79
	56	5280	14.77
	60	5300	14.71
	64	5320	14.78
802.11n HT20	52	5260	14.67
	56	5280	14.66
	60	5300	14.64
	64	5320	14.57
802.11n HT40	54	5270	14.46
	62	5310	14.78
802.11ac VHT80	58	5290	14.64
802.11ac VHT160	50	5250	14.88
802.11ax HE20	52	5260	14.75
	56	5280	14.7
	60	5300	14.44
	64	5320	14.59
802.11ax HE40	54	5270	14.78
	62	5310	14.69
802.11ax HE80	58	5290	14.66
802.11ax HE160	50	5250	14.77

WLAN Conducted Power (Laptop Mode)					
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
802.11a	52	5260	-	-	-
	56	5280	-	-	-
	60	5300	-	-	-
	64	5320	-	-	-
802.11n HT20	52	5260	13.21	13.18	16.21
	56	5280	13.12	13.14	16.14
	60	5300	13.27	13.3	16.3
	64	5320	13.21	13.16	16.2
802.11n HT40	54	5270	13.19	13.2	16.21
	62	5310	13.19	13.19	16.2
802.11ac VHT80	58	5290	13.33	13.41	16.38
802.11ac VHT160	50	5250	13.49	13.49	16.5
802.11ax HE20	52	5260	13.19	13.22	16.22
	56	5280	13.28	13.21	16.26
	60	5300	13.23	13.17	16.21
	64	5320	13.36	13.33	16.36
802.11ax HE40	54	5270	13.26	13.32	16.3
	62	5310	13.26	13.31	16.3
802.11ax HE80	58	5290	13.12	13.17	16.16
802.11ax HE160	50	5250	13.26	13.31	16.3

WLAN Conducted Power (Laptop Mode)			
WLAN 5.6GHz Ant 0			
Mode	Channel	Frequency	SISO Ant 0 Avg. Power
802.11a	100	5500	13.25
	116	5580	13.18
	120	5600	13.37
	124	5620	13.21
	132	5660	13.2
	140	5700	13.23
802.11n HT20	100	5500	13.22
	116	5580	13.22
	120	5600	13.34
	124	5620	13.29
	132	5660	13.3
	140	5700	13.26
802.11n HT40	144	5720	13.39
	102	5510	13.36
	110	5550	13.32
	118	5590	13.22
	126	5630	13.32
	134	5670	13.23
802.11ac VHT80	142	5710	13.32
	106	5530	13.49
	122	5610	13.42
802.11ac VHT160	138	5690	13.47
	114	5570	13.41
802.11ax HE20	100	5500	13.43
	116	5580	13.34
	120	5600	13.26
	124	5620	13.25
	132	5660	13.25
	140	5700	13.35
802.11ax HE40	144	5720	13.24
	102	5510	13.26
	110	5550	13.19
	118	5590	13.33
	126	5630	13.13
	134	5670	13.32
802.11ax HE80	142	5710	13.33
	106	5530	13.36
	122	5610	13.33
802.11ax HE160	138	5690	13.4
	114	5570	13.3

WLAN Conducted Power (Laptop Mode)			
WLAN 5.6GHz Ant 1			
Mode	Channel	Frequency	SISO Ant 1 Avg. Power
802.11a	100	5500	13.19
	116	5580	13.12
	120	5600	13.36
	124	5620	13.16
	132	5660	13.17
	140	5700	13.22
802.11n HT20	100	5500	13.15
	116	5580	13.21
	120	5600	13.33
	124	5620	13.22
	132	5660	13.29
	140	5700	13.16
802.11n HT40	144	5720	13.39
	102	5510	13.31
	110	5550	13.27
	118	5590	13.13
	126	5630	13.27
	134	5670	13.17
802.11ac VHT80	142	5710	13.24
	106	5530	13.48
	122	5610	13.46
802.11ac VHT160	138	5690	13.43
	114	5570	13.44
802.11ax HE20	100	5500	13.18
	116	5580	13.19
	120	5600	13.27
	124	5620	13.16
	132	5660	13.25
	140	5700	13.11
802.11ax HE40	144	5720	13.29
	102	5510	13.11
	110	5550	13.27
	118	5590	13.29
	126	5630	13.36
	134	5670	13.28
802.11ax HE80	142	5710	13.32
	106	5530	13.21
	122	5610	13.33
802.11ax HE160	138	5690	13.25
	114	5570	13.22

WLAN Conducted Power (Laptop Mode)					
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
802.11a	100	5500	-	-	-
	116	5580	-	-	-
	120	5600	-	-	-
	124	5620	-	-	-
	132	5660	-	-	-
	140	5700	-	-	-
802.11n HT20	100	5500	13.23	13.3	16.28
	116	5580	13.08	13.16	16.13
	120	5600	13.27	13.17	16.23
	124	5620	13.18	13.14	16.17
	132	5660	13.14	13.39	16.28
	140	5700	13.18	13.17	16.19
	144	5720	13.41	13.13	16.28
802.11n HT40	102	5510	13.13	13.28	16.22
	110	5550	13.19	13.23	16.22
	118	5590	13.27	13.22	16.26
	126	5630	13.27	13.19	16.24
	134	5670	13.2	13.3	16.26
	142	5710	13.17	13.33	16.26
802.11ac VHT80	106	5530	13.44	13.48	16.47
	122	5610	13.47	13.41	16.45
	138	5690	13.48	13.46	16.48
802.11ac VHT160	114	5570	13.49	13.49	16.5
802.11ax HE20	100	5500	13.2	13.4	16.31
	116	5580	13.28	13.41	16.36
	120	5600	13.16	13.46	16.32
	124	5620	13.26	13.4	16.34
	132	5660	13.41	13.33	16.38
	140	5700	13.34	13.31	16.34
	144	5720	13.41	13.19	16.31
802.11ax HE40	102	5510	13.37	13.15	16.27
	110	5550	13.4	13.25	16.34
	118	5590	13.28	13.27	16.29
	126	5630	13.18	13.14	16.17
	134	5670	13.17	13.16	16.18
	142	5710	13.15	13.15	16.16
802.11ax HE80	106	5530	13.3	13.35	16.34
	122	5610	13.14	13.29	16.23
	138	5690	13.18	13.32	16.26
802.11ax HE160	114	5570	13.24	13.04	16.15

WLAN Conducted Power (Laptop Mode)			
WLAN 5.8GHz Ant 0			
Mode	Channel	Frequency	SISO Ant 0 Avg. Power
802.11a	149	5745	13.94
	153	5765	13.92
	157	5785	13.87
	161	5805	13.88
	165	5825	13.91
802.11n HT20	149	5745	13.8
	153	5765	13.7
	157	5785	13.84
	161	5805	13.7
	165	5825	13.77
802.11n HT40	151	5755	13.81
	159	5795	13.74
802.11ac VHT80	155	5775	13.99
802.11ax HE20	149	5745	13.88
	153	5765	13.76
	157	5785	13.73
	161	5805	13.62
	165	5825	13.8
802.11ax HE40	151	5755	13.69
	159	5795	13.71
802.11ax HE80	155	5775	13.93

WLAN Conducted Power (Laptop Mode)			
WLAN 5.8GHz Ant 1			
Mode	Channel	Frequency	SISO Ant 1 Avg. Power
802.11a	149	5745	13.87
	153	5765	13.84
	157	5785	13.84
	161	5805	13.9
	165	5825	13.87
802.11n HT20	149	5745	13.79
	153	5765	13.86
	157	5785	13.78
	161	5805	13.83
	165	5825	13.75
802.11n HT40	151	5755	13.83
	159	5795	13.74
802.11ac VHT80	155	5775	13.93
802.11ax HE20	149	5745	13.69
	153	5765	13.62
	157	5785	13.73
	161	5805	13.69
	165	5825	13.76
802.11ax HE40	151	5755	13.78
	159	5795	13.75
802.11ax HE80	155	5775	13.79

WLAN Conducted Power (Laptop Mode)					
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
802.11a	149	5745	-	-	-
	153	5765	-	-	-
	157	5785	-	-	-
	161	5805	-	-	-
	165	5825	-	-	-
802.11n HT20	149	5745	13.92	13.76	16.85
	153	5765	13.92	13.8	16.87
	157	5785	13.87	13.71	16.8
	161	5805	13.88	13.73	16.82
	165	5825	13.94	13.74	16.85
802.11n HT40	151	5755	13.73	13.8	16.78
	159	5795	13.84	13.7	16.78
802.11ac VHT80	155	5775	13.95	13.96	16.97
802.11ax HE20	149	5745	13.88	13.97	16.94
	153	5765	13.79	13.68	16.75
	157	5785	13.69	13.84	16.78
	161	5805	13.67	13.76	16.73
	165	5825	13.73	13.82	16.79
802.11ax HE40	151	5755	13.62	13.68	16.66
	159	5795	13.66	13.88	16.78
802.11ax HE80	155	5775	13.78	13.81	16.81

WLAN Conducted Power (Tablet Mode)			
WLAN2.4GHz Ant 0			
Mode	Channel	Frequency	SISO Ant 0 Avg. Power
802.11b	1	2412	11.81
	6	2437	11.84
	11	2462	11.93
	12	2467	11.89
	13	2472	11.95
802.11g	1	2412	11.8
	6	2437	11.77
	11	2462	11.79
	12	2467	11.75
	13	2472	11.73
802.11n HT20	1	2412	11.69
	6	2437	11.55
	11	2462	11.68
	12	2467	11.82
	13	2472	11.66
802.11n HT40	3	2422	11.74
	6	2437	11.74
	9	2452	11.87
	10	2457	11.86
	11	2462	11.94
802.11ax HE20	1	2412	11.79
	6	2437	11.74
	11	2462	11.83
	12	2467	11.74
	13	2472	11.77
802.11ax HE40	3	2422	11.71
	6	2437	11.79
	9	2452	11.79
	10	2457	11.87
	11	2462	11.46

WLAN Conducted Power (Tablet Mode)			
WLAN2.4GHz Ant 1			
Mode	Channel	Frequency	SISO Ant 1 Avg. Power
802.11b	1	2412	11.88
	6	2437	11.99
	11	2462	11.89
	12	2467	11.87
	13	2472	11.89
802.11g	1	2412	11.77
	6	2437	11.74
	11	2462	11.74
	12	2467	11.75
	13	2472	11.59
802.11n HT20	1	2412	11.83
	6	2437	11.74
	11	2462	11.54
	12	2467	11.74
	13	2472	11.8
802.11n HT40	3	2422	11.75
	6	2437	11.59
	9	2452	11.68
	10	2457	11.83
	11	2462	11.73
802.11ax HE20	1	2412	11.84
	6	2437	11.79
	11	2462	11.81
	12	2467	11.66
	13	2472	11.73
802.11ax HE40	3	2422	11.84
	6	2437	11.61
	9	2452	11.74
	10	2457	11.89
	11	2462	11.48

WLAN Conducted Power (Tablet Mode)					
WLAN2.4GHz Ant 0+1					
Mode	Channel	Frequency	MIMO Ant 0 Avg. Power	MIMO Ant 1 Avg. Power	MIMO Ant 0+1 Avg. Power
802.11b	1	2412	-	-	-
	6	2437	-	-	-
	11	2462	-	-	-
	12	2467	-	-	-
	13	2472	-	-	-
802.11g	1	2412	-	-	-
	6	2437	-	-	-
	11	2462	-	-	-
	12	2467	-	-	-
	13	2472	-	-	-
802.11n HT20	1	2412	11.8	11.71	14.77
	6	2437	11.83	11.78	14.82
	11	2462	11.79	11.73	14.77
	12	2467	11.77	11.71	14.75
	13	2472	9.95	9.92	12.95
802.11n HT40	3	2422	11.83	11.98	14.92
	6	2437	11.84	11.92	14.89
	9	2452	11.87	11.99	14.94
	10	2457	11.82	11.95	14.9
	11	2462	8.88	8.96	11.93
802.11ax HE20	1	2412	11.72	11.65	14.7
	6	2437	11.51	11.78	14.66
	11	2462	11.62	11.7	14.67
	12	2467	11.79	11.72	14.77
	13	2472	9.84	9.83	12.85
802.11ax HE40	3	2422	11.44	11.68	14.57
	6	2437	11.66	11.83	14.76
	9	2452	11.78	11.73	14.77
	10	2457	11.68	11.78	14.74
	11	2462	9.93	9.89	12.92

WLAN Conducted Power (Tablet Mode)			
Bluetooth Ant 1			
Mode	Channel	Frequency	SISO Ant 1 Avg. Power
BR / EDR	0	2402	10.41
	39	2441	10.38
	78	2480	10.44
LE	0	2402	8.88
	19	2440	8.71
	39	2480	8.69

WLAN Conducted Power (Tablet Mode)			
WLAN 5.2GHz Ant 0			
Mode	Channel	Frequency	SISO Ant 0 Avg. Power
802.11a	36	5180	8.42
	40	5200	8.35
	44	5220	8.4
	48	5240	8.34
802.11n HT20	36	5180	8.38
	40	5200	8.41
	44	5220	8.36
	48	5240	8.35
802.11n HT40	38	5190	8.35
	46	5230	8.36
802.11ac VHT80	42	5210	8.43
802.11ax HE20	36	5180	8.31
	40	5200	8.24
	44	5220	8.3
	48	5240	8.39
802.11ax HE40	38	5190	8.37
	46	5230	8.35
802.11ax HE80	42	5210	8.41

WLAN Conducted Power (Tablet Mode)			
WLAN 5.2GHz Ant 1			
Mode	Channel	Frequency	SISO Ant 1 Avg. Power
802.11a	36	5180	8.47
	40	5200	8.43
	44	5220	8.41
	48	5240	8.41
802.11n HT20	36	5180	8.47
	40	5200	8.41
	44	5220	8.4
	48	5240	8.46
802.11n HT40	38	5190	8.43
	46	5230	8.44
802.11ac VHT80	42	5210	8.48
802.11ax HE20	36	5180	8.46
	40	5200	8.46
	44	5220	8.42
	48	5240	8.41
802.11ax HE40	38	5190	8.39
	46	5230	8.45
802.11ax HE80	42	5210	8.44

WLAN Conducted Power (Tablet Mode)					
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
802.11a	36	5180	-	-	-
	40	5200	-	-	-
	44	5220	-	-	-
	48	5240	-	-	-
802.11n HT20	36	5180	8.43	8.35	11.4
	40	5200	8.37	8.35	11.37
	44	5220	8.4	8.45	11.44
	48	5240	8.3	8.31	11.32
802.11n HT40	38	5190	8.39	8.4	11.41
	46	5230	8.42	8.42	11.43
802.11ac VHT80	42	5210	8.44	8.49	11.48
802.11ax HE20	36	5180	8.37	8.41	11.4
	40	5200	8.43	8.35	11.4
	44	5220	8.4	8.33	11.38
	48	5240	8.39	8.22	11.32
802.11ax HE40	38	5190	8.31	8.32	11.33
	46	5230	8.41	8.44	11.44
802.11ax HE80	42	5210	8.33	8.33	11.34

WLAN Conducted Power (Tablet Mode)			
WLAN 5.3GHz Ant 0			
Mode	Channel	Frequency	SISO Ant 0 Avg. Power
802.11a	52	5260	8.29
	56	5280	8.34
	60	5300	8.31
	64	5320	8.32
802.11n HT20	52	5260	8.43
	56	5280	8.31
	60	5300	8.24
	64	5320	8.3
802.11n HT40	54	5270	8.43
	62	5310	8.39
802.11ac VHT80	58	5290	8.46
802.11ac VHT160	50	5250	8.49
802.11ax HE20	52	5260	8.46
	56	5280	8.4
	60	5300	8.44
	64	5320	8.4
802.11ax HE40	54	5270	8.43
	62	5310	8.4
802.11ax HE80	58	5290	8.48
802.11ax HE160	50	5250	8.39

WLAN Conducted Power (Tablet Mode)			
WLAN 5.3GHz Ant 1			
Mode	Channel	Frequency	SISO Ant 1 Avg. Power
802.11a	52	5260	8.43
	56	5280	8.4
	60	5300	8.38
	64	5320	8.34
802.11n HT20	52	5260	8.38
	56	5280	8.41
	60	5300	8.3
	64	5320	8.45
802.11n HT40	54	5270	8.34
	62	5310	8.36
802.11ac VHT80	58	5290	8.41
802.11ac VHT160	50	5250	8.46
802.11ax HE20	52	5260	8.43
	56	5280	8.43
	60	5300	8.4
	64	5320	8.45
802.11ax HE40	54	5270	8.43
	62	5310	8.4
802.11ax HE80	58	5290	8.45
802.11ax HE160	50	5250	8.41

WLAN Conducted Power (Tablet Mode)					
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
802.11a	52	5260	-	-	-
	56	5280	-	-	-
	60	5300	-	-	-
	64	5320	-	-	-
802.11n HT20	52	5260	8.34	8.43	11.4
	56	5280	8.36	8.38	11.38
	60	5300	8.45	8.41	11.44
	64	5320	8.37	8.36	11.38
802.11n HT40	54	5270	8.36	8.4	11.39
	62	5310	8.45	8.46	11.47
802.11ac VHT80	58	5290	8.45	8.44	11.46
802.11ac VHT160	50	5250	8.46	8.49	11.49
802.11ax HE20	52	5260	8.4	8.45	11.44
	56	5280	8.41	8.43	11.43
	60	5300	8.31	8.35	11.34
	64	5320	8.43	8.24	11.35
802.11ax HE40	54	5270	8.43	8.44	11.45
	62	5310	8.31	8.48	11.41
802.11ax HE80	58	5290	8.41	8.43	11.43
802.11ax HE160	50	5250	8.34	8.37	11.37

WLAN Conducted Power (Tablet Mode)			
WLAN 5.6GHz Ant 0			
Mode	Channel	Frequency	SISO Ant 0 Avg. Power
802.11a	100	5500	8.45
	116	5580	8.31
	120	5600	8.26
	124	5620	8.41
	132	5660	8.4
	140	5700	8.33
802.11n HT20	100	5500	8.44
	116	5580	8.41
	120	5600	8.42
	124	5620	8.41
	132	5660	8.42
	140	5700	8.46
802.11n HT40	144	5720	8.47
	102	5510	8.35
	110	5550	8.26
	118	5590	8.22
	126	5630	8.24
	134	5670	8.34
802.11ac VHT80	142	5710	8.43
	106	5530	8.43
	122	5610	8.47
802.11ac VHT160	138	5690	8.48
	114	5570	8.49
802.11ax HE20	100	5500	8.46
	116	5580	8.45
	120	5600	8.44
	124	5620	8.47
	132	5660	8.42
	140	5700	8.41
802.11ax HE40	144	5720	8.43
	102	5510	8.47
	110	5550	8.46
	118	5590	8.41
	126	5630	8.44
	134	5670	8.42
802.11ax HE80	142	5710	8.46
	106	5530	8.44
	122	5610	8.42
802.11ax HE160	138	5690	8.43
	114	5570	8.44

WLAN Conducted Power (Tablet Mode)			
WLAN 5.6GHz Ant 1			
Mode	Channel	Frequency	SISO Ant 1 Avg. Power
802.11a	100	5500	8.44
	116	5580	8.45
	120	5600	8.48
	124	5620	8.44
	132	5660	8.45
	140	5700	8.42
802.11n HT20	100	5500	8.42
	116	5580	8.4
	120	5600	8.41
	124	5620	8.48
	132	5660	8.47
	140	5700	8.45
802.11n HT40	144	5720	8.45
	102	5510	8.48
	110	5550	8.45
	118	5590	8.4
	126	5630	8.44
	134	5670	8.45
802.11ac VHT80	142	5710	8.39
	106	5530	8.46
	122	5610	8.47
802.11ac VHT160	138	5690	8.49
	114	5570	8.47
802.11ax HE20	100	5500	8.48
	116	5580	8.46
	120	5600	8.41
	124	5620	8.45
	132	5660	8.4
	140	5700	8.45
802.11ax HE40	144	5720	8.48
	102	5510	8.42
	110	5550	8.46
	118	5590	8.48
	126	5630	8.43
	134	5670	8.48
802.11ax HE80	142	5710	8.4
	106	5530	8.4
	122	5610	8.46
802.11ax HE160	138	5690	8.42
	114	5570	8.45

WLAN Conducted Power (Tablet Mode)					
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
802.11a	100	5500	-	-	-
	116	5580	-	-	-
	120	5600	-	-	-
	124	5620	-	-	-
	132	5660	-	-	-
	140	5700	-	-	-
802.11n HT20	100	5500	8.43	8.41	11.43
	116	5580	8.45	8.4	11.44
	120	5600	8.4	8.44	11.43
	124	5620	8.46	8.37	11.43
	132	5660	8.44	8.36	11.41
	140	5700	8.36	8.33	11.36
	144	5720	8.26	8.45	11.37
802.11n HT40	102	5510	8.41	8.42	11.43
	110	5550	8.41	8.39	11.41
	118	5590	8.4	8.45	11.44
	126	5630	8.46	8.43	11.46
	134	5670	8.44	8.41	11.44
	142	5710	8.43	8.38	11.42
802.11ac VHT80	106	5530	8.48	8.41	11.46
	122	5610	8.43	8.39	11.42
	138	5690	8.42	8.47	11.46
802.11ac VHT160	114	5570	8.46	8.48	11.48
802.11ax HE20	100	5500	8.4	8.44	11.43
	116	5580	8.41	8.38	11.41
	120	5600	8.36	8.34	11.36
	124	5620	8.39	8.41	11.41
	132	5660	8.43	8.35	11.4
	140	5700	8.48	8.43	11.47
	144	5720	8.38	8.41	11.41
802.11ax HE40	102	5510	8.44	8.34	11.4
	110	5550	8.42	8.45	11.45
	118	5590	8.33	8.48	11.42
	126	5630	8.4	8.35	11.39
	134	5670	8.33	8.38	11.37
	142	5710	8.4	8.31	11.37
802.11ax HE80	106	5530	8.37	8.39	11.39
	122	5610	8.4	8.37	11.4
	138	5690	8.42	8.34	11.39
802.11ax HE160	114	5570	8.38	8.35	11.38

WLAN Conducted Power (Tablet Mode)			
WLAN 5.8GHz Ant 0			
Mode	Channel	Frequency	SISO Ant 0 Avg. Power
802.11a	149	5745	8.67
	153	5765	8.62
	157	5785	8.65
	161	5805	8.86
	165	5825	8.53
802.11n HT20	149	5745	8.69
	153	5765	8.79
	157	5785	8.7
	161	5805	8.92
	165	5825	8.84
802.11n HT40	151	5755	8.82
	159	5795	8.7
802.11ac VHT80	155	5775	8.98
802.11ax HE20	149	5745	8.73
	153	5765	8.73
	157	5785	8.96
	161	5805	8.85
	165	5825	8.81
802.11ax HE40	151	5755	8.75
	159	5795	8.66
802.11ax HE80	155	5775	8.53

WLAN Conducted Power (Tablet Mode)			
WLAN 5.8GHz Ant 1			
Mode	Channel	Frequency	SISO Ant 1 Avg. Power
802.11a	149	5745	10.44
	153	5765	10.39
	157	5785	10.41
	161	5805	10.45
	165	5825	10.47
802.11n HT20	149	5745	10.44
	153	5765	10.36
	157	5785	10.38
	161	5805	10.43
	165	5825	10.46
802.11n HT40	151	5755	10.42
	159	5795	10.36
802.11ac VHT80	155	5775	10.48
802.11ax HE20	149	5745	10.19
	153	5765	10.33
	157	5785	10.38
	161	5805	10.47
	165	5825	10.34
802.11ax HE40	151	5755	10.32
	159	5795	10.28
802.11ax HE80	155	5775	10.31

WLAN Conducted Power (Tablet Mode)					
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
802.11a	149	5745	-	-	-
	153	5765	-	-	-
	157	5785	-	-	-
	161	5805	-	-	-
	165	5825	-	-	-
802.11n HT20	149	5745	8.62	8.69	11.67
	153	5765	8.64	8.63	11.65
	157	5785	8.67	8.66	11.68
	161	5805	8.84	8.81	11.84
	165	5825	8.53	8.53	11.54
802.11n HT40	151	5755	8.74	8.67	11.72
	159	5795	8.78	8.71	11.76
802.11ac VHT80	155	5775	8.98	8.97	11.99
802.11ax HE20	149	5745	8.68	8.64	11.67
	153	5765	8.65	8.56	11.62
	157	5785	8.65	8.6	11.64
	161	5805	8.78	8.82	11.81
	165	5825	8.61	8.53	11.58
802.11ax HE40	151	5755	8.74	8.75	11.76
	159	5795	8.75	8.73	11.75
802.11ax HE80	155	5775	8.69	8.72	11.72

Annex F. SAR 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

System & Position						DUT & Accessory		SAR							
Plot No.	Band	Mode	Test Position	Separation Distance (mm)	Channel	Antenna Manufacturer	Ant Status	Duty Cycle	Crest Factor	Max. Tune-up Power (dBm)	Measured Conducted Power (dBm)	Scaling Factor	Power Drift (dB)	Measured SAR-1g (W/kg)	Scaled SAR-1g (W/kg)
	WLAN2.4G	802.11b	Bottom	0	11	WNC	Ant 0	99.20	1.01	17.00	16.99	1.00	0.19	0.999	1.01
	WLAN2.4G	802.11b	Bottom	0	13	WNC	Ant 1	98.80	1.01	17.00	16.98	1.00	0.02	0.919	0.93
1	WLAN2.4G	802.11n HT40	Bottom	0	3	WNC	Ant 0+1	98.70	1.01	20.00	19.94	1.01	-0.11	1.12	1.14
	WLAN2.4G	802.11b	Rear Face	0	13	WNC	Ant 0	99.20	1.01	12.00	11.95	1.01	-0.15	0.631	0.64
	WLAN2.4G	802.11b	Left Side	0	13	WNC	Ant 0	99.20	1.01	12.00	11.95	1.01	0	<0.001	0.00
	WLAN2.4G	802.11b	Right Side	0	13	WNC	Ant 0	99.20	1.01	12.00	11.95	1.01	0	<0.001	0.00
	WLAN2.4G	802.11b	Top Side	0	13	WNC	Ant 0	99.20	1.01	12.00	11.95	1.01	0	<0.001	0.00
	WLAN2.4G	802.11b	Bottom Side	0	13	WNC	Ant 0	99.20	1.01	12.00	11.95	1.01	-0.09	0.243	0.25
	WLAN2.4G	802.11b	Rear Face	0	6	WNC	Ant 1	98.80	1.01	12.00	11.99	1.00	-0.01	0.646	0.65
	WLAN2.4G	802.11b	Left Side	0	6	WNC	Ant 1	98.80	1.01	12.00	11.99	1.00	0	<0.001	0.00
	WLAN2.4G	802.11b	Right Side	0	6	WNC	Ant 1	98.80	1.01	12.00	11.99	1.00	0	<0.001	0.00
	WLAN2.4G	802.11b	Top Side	0	6	WNC	Ant 1	98.80	1.01	12.00	11.99	1.00	0	<0.001	0.00
	WLAN2.4G	802.11b	Bottom Side	0	6	WNC	Ant 1	98.80	1.01	12.00	11.99	1.00	0.14	0.275	0.28
	WLAN2.4G	802.11n HT40	Rear Face	0	9	WNC	Ant 0+1	98.70	1.01	15.00	14.94	1.01	-0.08	0.881	0.90
	WLAN2.4G	802.11n HT40	Left Side	0	9	WNC	Ant 0+1	98.70	1.01	15.00	14.94	1.01	0	<0.001	0.00
	WLAN2.4G	802.11n HT40	Right Side	0	9	WNC	Ant 0+1	98.70	1.01	15.00	14.94	1.01	0	<0.001	0.00
	WLAN2.4G	802.11n HT40	Top Side	0	9	WNC	Ant 0+1	98.70	1.01	15.00	14.94	1.01	0	<0.001	0.00
	WLAN2.4G	802.11n HT40	Bottom Side	0	9	WNC	Ant 0+1	98.70	1.01	15.00	14.94	1.01	0.06	0.311	0.32
	WLAN2.4G	802.11b	Bottom	0	1	WNC	Ant 0	99.20	1.01	17.00	16.89	1.03	0.01	0.993	1.03
	WLAN2.4G	802.11b	Bottom	0	6	WNC	Ant 0	99.20	1.01	17.00	16.97	1.01	0.01	0.984	1.00
	WLAN2.4G	802.11b	Bottom	0	12	WNC	Ant 0	99.20	1.01	17.00	16.98	1.00	-0.15	0.989	1.00
	WLAN2.4G	802.11b	Bottom	0	13	WNC	Ant 0	99.20	1.01	17.00	16.96	1.01	-0.12	0.999	1.02
	WLAN2.4G	802.11b	Bottom	0	1	WNC	Ant 1	98.80	1.01	17.00	16.93	1.02	0.12	0.919	0.95
	WLAN2.4G	802.11b	Bottom	0	6	WNC	Ant 1	98.80	1.01	17.00	16.89	1.03	-0.12	0.913	0.95
	WLAN2.4G	802.11b	Bottom	0	11	WNC	Ant 1	98.80	1.01	17.00	16.94	1.01	0.04	0.909	0.93
	WLAN2.4G	802.11b	Bottom	0	12	WNC	Ant 1	98.80	1.01	17.00	16.97	1.01	-0.15	0.921	0.94
	WLAN2.4G	802.11n HT40	Bottom	0	6	WNC	Ant 0+1	98.70	1.01	20.00	19.93	1.02	0.17	1.07	1.10
	WLAN2.4G	802.11n HT40	Bottom	0	9	WNC	Ant 0+1	98.70	1.01	19.00	18.95	1.01	0.16	0.877	0.89
	WLAN2.4G	802.11n HT40	Bottom	0	10	WNC	Ant 0+1	98.70	1.01	16.00	15.99	1.00	0	0.435	0.44
	WLAN2.4G	802.11n HT40	Bottom	0	11	WNC	Ant 0+1	98.70	1.01	12.00	11.95	1.01	0.04	0.167	0.17
	WLAN2.4G	802.11n HT40	Rear Face	0	3	WNC	Ant 0+1	98.70	1.01	15.00	14.92	1.02	0.02	0.877	0.90
	WLAN2.4G	802.11n HT40	Rear Face	0	6	WNC	Ant 0+1	98.70	1.01	15.00	14.89	1.03	-0.15	0.868	0.90
	WLAN2.4G	802.11n HT40	Rear Face	0	10	WNC	Ant 0+1	98.70	1.01	15.00	14.90	1.02	-0.09	0.885	0.91
	WLAN2.4G	802.11n HT40	Rear Face	0	11	WNC	Ant 0+1	98.70	1.01	12.00	11.93	1.02	0.01	0.871	0.90
	WLAN2.4G	802.11n HT40	Bottom	0	3	HB	Ant 0+1	98.70	1.01	20.00	19.94	1.01	-0.05	0.991	1.01
	WLAN2.4G	802.11n HT40	Bottom	0	6	HB	Ant 0+1	98.70	1.01	20.00	19.93	1.02	0.07	0.994	1.02
	WLAN2.4G	802.11n HT40	Bottom	0	9	HB	Ant 0+1	98.70	1.01	19.00	18.95	1.01	-0.11	0.982	1.00
	WLAN2.4G	802.11n HT40	Bottom	0	10	HB	Ant 0+1	98.70	1.01	16.00	15.99	1.00	-0.16	0.976	0.99
	WLAN2.4G	802.11n HT40	Bottom	0	11	HB	Ant 0+1	98.70	1.01	12.00	11.95	1.01	-0.17	0.985	1.00

Body SAR Test Result

System & Position						DUT & Accessory		SAR							
Plot No.	Band	Mode	Test Position	Separation Distance (mm)	Channel	Antenna Manufacturer	Ant Status	Duty Cycle	Crest Factor	Max. Tune-up Power (dBm)	Measured Conducted Power (dBm)	Scaling Factor	Power Drift (dB)	Measured SAR-1g (W/kg)	Scaled SAR-1g (W/kg)
	WLAN2.4G	802.11n HT40	Bottom	0	3	Speed	Ant 0+1	98.70	1.01	20.00	19.94	1.01	0.11	0.966	0.99
	WLAN2.4G	802.11n HT40	Bottom	0	6	Speed	Ant 0+1	98.70	1.01	20.00	19.94	1.01	0.15	0.97	0.99
	WLAN2.4G	802.11n HT40	Bottom	0	9	Speed	Ant 0+1	98.70	1.01	19.00	18.95	1.01	0.06	0.981	1.00
	WLAN2.4G	802.11n HT40	Bottom	0	10	Speed	Ant 0+1	98.70	1.01	16.00	15.99	1.00	0.14	1.01	1.02
	WLAN2.4G	802.11n HT40	Bottom	0	11	Speed	Ant 0+1	98.70	1.01	12.00	11.95	1.01	-0.05	0.999	1.02
	WLAN2.4G	802.11n HT40	Bottom	0	3	Auden	Ant 0+1	98.70	1.01	20.00	19.94	1.01	-0.13	0.906	0.92
	WLAN2.4G	802.11n HT40	Bottom	0	6	Auden	Ant 0+1	98.70	1.01	20.00	19.94	1.01	0.14	1	1.02
	WLAN2.4G	802.11n HT40	Bottom	0	9	Auden	Ant 0+1	98.70	1.01	19.00	18.95	1.01	0.17	0.986	1.01
	WLAN2.4G	802.11n HT40	Bottom	0	10	Auden	Ant 0+1	98.70	1.01	16.00	15.99	1.00	-0.05	0.978	0.99
	WLAN2.4G	802.11n HT40	Bottom	0	11	Auden	Ant 0+1	98.70	1.01	12.00	11.95	1.01	-0.18	0.982	1.00
	WLAN2.4G	802.11n HT40	Bottom	0	3	WNC	Ant 0+1	98.70	1.01	20.00	19.94	1.01	0.01	1.08	1.10
	WLAN5.3G	802.11ac VHT160	Bottom	0	50	WNC	Ant 0	97.80	1.02	13.50	13.43	1.02	-0.16	0.886	0.92
	WLAN5.3G	802.11ac VHT160	Bottom	0	50	WNC	Ant 1	97.40	1.03	15.00	14.88	1.03	0.03	1.08	1.15
2	WLAN5.3G	802.11ac VHT160	Bottom	0	50	WNC	Ant 0+1	95.60	1.05	16.50	16.50	1.00	-0.09	1.12	1.18
	WLAN5.3G	802.11ac VHT160	Rear Face	0	50	WNC	Ant 0	97.80	1.02	8.50	8.49	1.00	-0.07	0.793	0.81
	WLAN5.3G	802.11ac VHT160	Left Side	0	50	WNC	Ant 0	97.80	1.02	8.50	8.49	1.00	0	<0.001	0.00
	WLAN5.3G	802.11ac VHT160	Right Side	0	50	WNC	Ant 0	97.80	1.02	8.50	8.49	1.00	0	<0.001	0.00
	WLAN5.3G	802.11ac VHT160	Top Side	0	50	WNC	Ant 0	97.80	1.02	8.50	8.49	1.00	0	<0.001	0.00
	WLAN5.3G	802.11ac VHT160	Bottom Side	0	50	WNC	Ant 0	97.80	1.02	8.50	8.49	1.00	0.18	0.174	0.18
	WLAN5.3G	802.11ac VHT160	Rear Face	0	50	WNC	Ant 1	97.40	1.03	8.50	8.46	1.01	-0.07	0.507	0.53
	WLAN5.3G	802.11ac VHT160	Left Side	0	50	WNC	Ant 1	97.40	1.03	8.50	8.46	1.01	0	<0.001	0.00
	WLAN5.3G	802.11ac VHT160	Right Side	0	50	WNC	Ant 1	97.40	1.03	8.50	8.46	1.01	0	<0.001	0.00
	WLAN5.3G	802.11ac VHT160	Top Side	0	50	WNC	Ant 1	97.40	1.03	8.50	8.46	1.01	0	<0.001	0.00
	WLAN5.3G	802.11ac VHT160	Bottom Side	0	50	WNC	Ant 1	97.40	1.03	8.50	8.46	1.01	0.06	0.206	0.21
	WLAN5.3G	802.11ac VHT160	Rear Face	0	50	WNC	Ant 0+1	95.60	1.05	11.50	11.49	1.00	-0.01	0.834	0.88
	WLAN5.3G	802.11ac VHT160	Left Side	0	50	WNC	Ant 0+1	95.60	1.05	11.50	11.49	1.00	0	<0.001	0.00
	WLAN5.3G	802.11ac VHT160	Right Side	0	50	WNC	Ant 0+1	95.60	1.05	11.50	11.49	1.00	0	<0.001	0.00
	WLAN5.3G	802.11ac VHT160	Top Side	0	50	WNC	Ant 0+1	95.60	1.05	11.50	11.49	1.00	0	<0.001	0.00
	WLAN5.3G	802.11ac VHT160	Bottom Side	0	50	WNC	Ant 0+1	95.60	1.05	11.50	11.49	1.00	-0.04	0.23	0.24
	WLAN5.3G	802.11ac VHT160	Bottom	0	50	HB	Ant 0+1	95.60	1.05	16.50	16.50	1.00	0.08	1.05	1.10
	WLAN5.3G	802.11ac VHT160	Bottom	0	50	Speed	Ant 0+1	95.60	1.05	16.50	16.50	1.00	-0.03	0.999	1.05
	WLAN5.3G	802.11ac VHT160	Bottom	0	50	Auden	Ant 0+1	95.60	1.05	16.50	16.50	1.00	-0.03	0.923	0.97
	WLAN5.3G	802.11ac VHT160	Bottom	0	50	WNC	Ant 0+1	95.60	1.05	16.50	16.50	1.00	-0.06	1.06	1.11
	WLAN5.6G	802.11ac VHT160	Bottom	0	114	WNC	Ant 0	97.80	1.02	13.50	13.41	1.02	0.08	0.853	0.89
	WLAN5.6G	802.11ac VHT160	Bottom	0	114	WNC	Ant 1	97.40	1.03	13.50	13.44	1.01	0.01	0.709	0.74
3	WLAN5.6G	802.11ac VHT160	Bottom	0	114	WNC	Ant 0+1	95.60	1.05	16.50	16.50	1.00	-0.09	0.917	0.96

Body SAR Test Result

System & Position						DUT & Accessory		SAR							
Plot No.	Band	Mode	Test Position	Separation Distance (mm)	Channel	Antenna Manufacturer	Ant Status	Duty Cycle	Crest Factor	Max. Tune-up Power (dBm)	Measured Conducted Power (dBm)	Scaling Factor	Power Drift (dB)	Measured SAR-1g (W/kg)	Scaled SAR-1g (W/kg)
	WLAN5.6G	802.11ac VHT160	Rear Face	0	114	WNC	Ant 0	97.80	1.02	8.50	8.49	1.00	-0.05	0.711	0.73
	WLAN5.6G	802.11ac VHT160	Left Side	0	114	WNC	Ant 0	97.80	1.02	8.50	8.49	1.00	0	<0.001	0.00
	WLAN5.6G	802.11ac VHT160	Right Side	0	114	WNC	Ant 0	97.80	1.02	8.50	8.49	1.00	0	<0.001	0.00
	WLAN5.6G	802.11ac VHT160	Top Side	0	114	WNC	Ant 0	97.80	1.02	8.50	8.49	1.00	0	<0.001	0.00
	WLAN5.6G	802.11ac VHT160	Bottom Side	0	114	WNC	Ant 0	97.80	1.02	8.50	8.49	1.00	0.12	0.105	0.11
	WLAN5.6G	802.11ac VHT160	Rear Face	0	114	WNC	Ant 1	97.40	1.03	8.50	8.47	1.01	0.05	0.321	0.33
	WLAN5.6G	802.11ac VHT160	Left Side	0	114	WNC	Ant 1	97.40	1.03	8.50	8.47	1.01	0	<0.001	0.00
	WLAN5.6G	802.11ac VHT160	Right Side	0	114	WNC	Ant 1	97.40	1.03	8.50	8.47	1.01	0	<0.001	0.00
	WLAN5.6G	802.11ac VHT160	Top Side	0	114	WNC	Ant 1	97.40	1.03	8.50	8.47	1.01	0	<0.001	0.00
	WLAN5.6G	802.11ac VHT160	Bottom Side	0	114	WNC	Ant 1	97.40	1.03	8.50	8.47	1.01	-0.16	0.156	0.16
	WLAN5.6G	802.11ac VHT160	Rear Face	0	114	WNC	Ant 0+1	95.60	1.05	11.50	11.48	1.00	0.12	0.704	0.74
	WLAN5.6G	802.11ac VHT160	Left Side	0	114	WNC	Ant 0+1	95.60	1.05	11.50	11.48	1.00	0	<0.001	0.00
	WLAN5.6G	802.11ac VHT160	Right Side	0	114	WNC	Ant 0+1	95.60	1.05	11.50	11.48	1.00	0	<0.001	0.00
	WLAN5.6G	802.11ac VHT160	Top Side	0	114	WNC	Ant 0+1	95.60	1.05	11.50	11.48	1.00	0	<0.001	0.00
	WLAN5.6G	802.11ac VHT160	Bottom Side	0	114	WNC	Ant 0+1	95.60	1.05	11.50	11.48	1.00	0.01	0.173	0.18
	WLAN5.6G	802.11ac VHT160	Bottom	0	114	HB	Ant 0+1	95.60	1.05	16.50	16.50	1.00	0.02	0.896	0.94
	WLAN5.6G	802.11ac VHT160	Bottom	0	114	Speed	Ant 0+1	95.60	1.05	16.50	16.50	1.00	-0.07	0.881	0.93
	WLAN5.6G	802.11ac VHT160	Bottom	0	114	Auden	Ant 0+1	95.60	1.05	16.50	16.50	1.00	0.05	0.876	0.92
	WLAN5.6G	802.11ac VHT160	Bottom	0	114	WNC	Ant 0+1	95.60	1.05	16.50	16.50	1.00	-0.11	0.901	0.95
	WLAN5.8G	802.11ac VHT80	Bottom	0	155	WNC	Ant 0	97.90	1.02	14.00	13.99	1.00	0	1.07	1.09
	WLAN5.8G	802.11ac VHT80	Bottom	0	155	WNC	Ant 1	98.20	1.02	14.00	13.93	1.02	-0.08	1.02	1.06
4	WLAN5.8G	802.11ac VHT80	Bottom	0	155	WNC	Ant 0+1	94.50	1.06	17.00	16.97	1.01	-0.14	1.1	1.18
	WLAN5.8G	802.11ac VHT80	Rear Face	0	155	WNC	Ant 0	97.90	1.02	9.00	8.98	1.00	0.09	0.961	0.98
	WLAN5.8G	802.11ac VHT80	Left Side	0	155	WNC	Ant 0	97.90	1.02	9.00	8.98	1.00	0	<0.001	0.00
	WLAN5.8G	802.11ac VHT80	Right Side	0	155	WNC	Ant 0	97.90	1.02	9.00	8.98	1.00	0	<0.001	0.00
	WLAN5.8G	802.11ac VHT80	Top Side	0	155	WNC	Ant 0	97.90	1.02	9.00	8.98	1.00	0	<0.001	0.00
	WLAN5.8G	802.11ac VHT80	Bottom Side	0	155	WNC	Ant 0	97.90	1.02	9.00	8.98	1.00	0.17	0.249	0.25
	WLAN5.8G	802.11ac VHT80	Rear Face	0	155	WNC	Ant 1	98.20	1.02	10.50	10.48	1.00	0.1	0.355	0.36
	WLAN5.8G	802.11ac VHT80	Left Side	0	155	WNC	Ant 1	98.20	1.02	10.50	10.48	1.00	0	<0.001	0.00
	WLAN5.8G	802.11ac VHT80	Right Side	0	155	WNC	Ant 1	98.20	1.02	10.50	10.48	1.00	0	<0.001	0.00
	WLAN5.8G	802.11ac VHT80	Top Side	0	155	WNC	Ant 1	98.20	1.02	10.50	10.48	1.00	0	<0.001	0.00
	WLAN5.8G	802.11ac VHT80	Bottom Side	0	155	WNC	Ant 1	98.20	1.02	10.50	10.48	1.00	-0.1	0.282	0.29
	WLAN5.8G	802.11ac VHT80	Rear Face	0	155	WNC	Ant 0+1	94.50	1.06	12.00	11.99	1.00	-0.03	0.787	0.83
	WLAN5.8G	802.11ac VHT80	Left Side	0	155	WNC	Ant 0+1	94.50	1.06	12.00	11.99	1.00	0	<0.001	0.00
	WLAN5.8G	802.11ac VHT80	Right Side	0	155	WNC	Ant 0+1	94.50	1.06	12.00	11.99	1.00	0	<0.001	0.00
	WLAN5.8G	802.11ac VHT80	Top Side	0	155	WNC	Ant 0+1	94.50	1.06	12.00	11.99	1.00	0	<0.001	0.00
	WLAN5.8G	802.11ac VHT80	Bottom Side	0	155	WNC	Ant 0+1	94.50	1.06	12.00	11.99	1.00	0.12	0.208	0.22
	WLAN5.8G	802.11ac VHT80	Bottom	0	155	HB	Ant 0+1	94.50	1.06	17.00	16.97	1.01	0.15	1.07	1.15
	WLAN5.8G	802.11ac VHT80	Bottom	0	155	Speed	Ant 0+1	94.50	1.06	17.00	16.97	1.01	-0.18	1.05	1.12
	WLAN5.8G	802.11ac VHT80	Bottom	0	155	Auden	Ant 0+1	94.50	1.06	17.00	16.97	1.01	-0.09	0.989	1.06

Body SAR Test Result

System & Position						DUT & Accessory		SAR							
Plot No.	Band	Mode	Test Position	Separation Distance (mm)	Channel	Antenna Manufacturer	Ant Status	Duty Cycle	Crest Factor	Max. Tune-up Power (dBm)	Measured Conducted Power (dBm)	Scaling Factor	Power Drift (dB)	Measured SAR-1g (W/kg)	Scaled SAR-1g (W/kg)
	WLAN5.8G	802.11ac VHT80	Bottom	0	155	WNC	Ant 0+1	94.50	1.06	17.00	16.97	1.01	0.13	1.03	1.10
	BT	BR / EDR	Bottom	0	78	WNC	Ant 1	76.80	1.30	10.50	10.44	1.01	-0.14	0.044	0.06
	BT	BR / EDR	Rear Face	0	78	WNC	Ant 1	76.80	1.30	10.50	10.44	1.01	-0.04	0.215	0.28
	BT	BR / EDR	Left Side	0	78	WNC	Ant 1	76.80	1.30	10.50	10.44	1.01	0	<0.001	0.00
	BT	BR / EDR	Right Side	0	78	WNC	Ant 1	76.80	1.30	10.50	10.44	1.01	0	<0.001	0.00
	BT	BR / EDR	Top Side	0	78	WNC	Ant 1	76.80	1.30	10.50	10.44	1.01	0	<0.001	0.00
	BT	BR / EDR	Bottom Side	0	78	WNC	Ant 1	76.80	1.30	10.50	10.44	1.01	0.1	0.04	0.05
5	BT	BR / EDR	Rear Face	0	0	WNC	Ant 1	76.80	1.30	10.50	10.41	1.02	-0.07	0.301	0.40
	BT	BR / EDR	Rear Face	0	39	WNC	Ant 1	76.80	1.30	10.50	10.38	1.03	0.13	0.255	0.34
	BT	BR / EDR	Rear Face	0	0	HB	Ant 1	76.80	1.30	10.50	10.41	1.02	0.09	0.24	0.32
	BT	BR / EDR	Rear Face	0	0	Speed	Ant 1	76.80	1.30	10.50	10.41	1.02	0.04	0.27	0.36
	BT	BR / EDR	Rear Face	0	0	Auden	Ant 1	76.80	1.30	10.50	10.41	1.02	-0.18	0.261	0.35

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
R01	WLAN2.4G	802.11n HT40	Bottom	3	1.12	1.08	1.04
R02	WLAN5.3G	802.11ac VHT160	Bottom	50	1.12	1.06	1.06
R03	WLAN5.6G	802.11ac VHT160	Bottom	114	0.917	0.901	1.02
R04	WLAN5.8G	802.11ac VHT160	Bottom	155	1.1	1.03	1.07

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 + BT	Yes
B	WLAN 5G + BT	Yes

Notes

1. The WLAN 2.4G and WLAN 5G cannot transmit simultaneously.

Simultaneous Transmission SAR Evaluation (Body)					
Position	1	2	3	A (1 + 3)	B (2 + 3)
	Max WLAN 2.4GHz	Max WLAN 5GHz	BT Ant 1	Summimg result 1g SAR W/kg	Summimg result 1g SAR W/kg
	1g SAR W/kg	1g SAR W/kg	1g SAR W/kg		
Bottom	1.14	1.18	0.06	1.20	1.24
Rear Face	0.91	0.98	0.40	1.31	1.38
Left Side	0.00	0.00	0.00	0.00	0.00
Right Side	0.00	0.00	0.00	0.00	0.00
Top Side	0.00	0.00	0.00	0.00	0.00
Bottom Side	0.32	0.29	0.05	0.37	0.34

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	D2450V2	835	Jun. 22, 2021	1 Year
System Validation Dipole	SPEAG	D5GHzV2	1019	Mar. 19, 2021	1 Year
Dosimetric E-Field Probe	SPEAG	EX3DV4	3650	Mar. 26, 2021	1 Year
Dosimetric E-Field Probe	SPEAG	EX3DV4	3887	Oct. 22, 2020	1 Year
Data Acquisition Electronics	SPEAG	DAE4	861	Apr. 14, 2021	1 Year
Data Acquisition Electronics	SPEAG	DAE4	1277	Jan. 19, 2021	1 Year
Spectrum Analyzer	R&S	FSL6	102006	Apr. 06, 2021	1 Year
Universal Wireless Test Set	Anritsu	MT8870A/MU887000A	6201699387	Sep. 22, 2021	1 Year
Thermometer	YFE	YF-160A	191100743	Apr. 12, 2021	1 Year
Dielectric Assessment Kit	SPEAG	DAKS-3.5	1151	Jul. 14, 2021	1 Year
Powersource1	SPEAG	SE_UMS_160 BA	4010	Jul. 13, 2021	1 Year

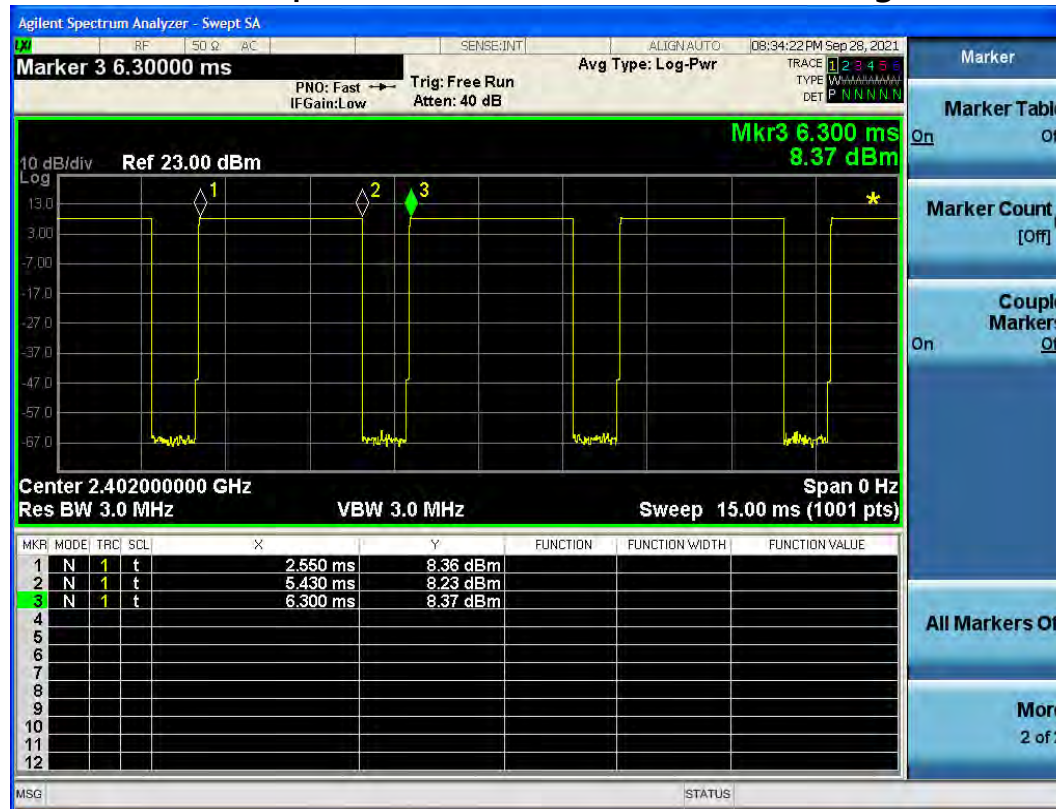
Annex K. Considerations Related to Bluetooth for Setup and Testing

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>



Time-domain plot for Bluetooth transmission signal

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

$$\text{Duty Factor} = \text{Pulse Width} / \text{Total Period} = (5.43 - 2.55) / (6.3 - 2.55) = 76.80\%$$

Annex L. Verifying the Mechanism Operation of Gravity-sensor

The power verified by LCD angle changed are shown as below.

<Power Reduction by LCD Angle Changed and Verifying Power Level of operating Laptop and Tablet mode on Setp A ~ G>

Test Band : 802.11b Ant 0 for WLAN 2.4G Representative

Summary		<A> From lid closed when LCD is 0° which power is subject to Laptop user mode, opening the screen side in 10° each step until the power of Tablet mode is obtained.																																																																																																																																																																							
		Degrees																																								150					160					170					180					190					200																																																																																																						
		Power (dBm)																																								16.2					16.8					16.5					16.2					16.4					16.3																																																																																																						
The Power level changed by LCD Triggering Angle is 190°		 Close the screen side in 5° each step from Step A, the power of Laptop mode is reobtained.																																																																																																																																																																							
		Degrees																																								185					190					195					200																																																																																																																
		Power (dBm)																																								16.2					16.5					11.5					11.2																																																																																																																
		<C> Verfyng the power changed in 1° at each step.																																																																																																																																																																							
		Degrees																																								198					199					190					191					192																																																																																																											
		Power (dBm)																																								16.8					16.7					16.7					11.4					11.4																																																																																																											
		<D>Then Keep opening the screen side in 10° each step until fully open when LCD angle.																																																																																																																																																																							
		Degrees																																								180					190					200					210					220										340					350					360																																																																																							
		Power (dBm)																																								16.8					16.7					16.3					16.8					16.2					16.5															11.2					11.8					11.8																																																																													
		<E> From fully open when LCD is 360° which the operating mode is Tablet, closing the screen side in 10° each step until the power subject to operating Laptop mode is obtained.																																																																																																																																																																							
		Degrees																																								360					350					340					330					320					310										200					190					180																																																																																		
		Power (dBm)																																								11.5					11.6					11.6					11.2					11.4					11.8										11.2					16.6					16.5																																																																																		
<F> From fully open when LCD is 360° which the operating mode is Tablet, closing the screen side in 5° each step until fully closed.																																																																																																																																																																									
Degrees																																								360					355					350					345					340					335					330					325					320					315					310										195					190					185										10					5					0																																							
Power (dBm)																																								11.6					11.6					11.8					11.5					11.2					11.2					11.5					11.8					11.5					11.3										11.7					16.2					16.3															16.8					16.7					16.3																																							
<G> Closing the screen side in 1° each step until the power subject to operating Laptop mode is obtained and keep closing until fully closed.																																																																																																																																																																									
Degrees																																								360					359					358					357					356					355					354					353					352					351					350										192					191					190					199					198					199					198										5					4					3					2					1					0				
Power (dBm)																																								11.6					11.6					11.6					11.4					11.8					11.7					11.6					11.2					11.7					11.6					11.8										11.6					11.8					16.6					16.3					16.7					16.3					16.7										16.4					16.4					16.7					16.2					16.7					16.8				
Test Band : 802.11a Ant 0 for WLAN 5.3G Representative																																																																																																																																																																									
Summary		<A> From lid closed when LCD is 0° which power is subject to Laptop user mode, opening the screen side in 10° each step until the power of Tablet mode is obtained.																																																																																																																																																																							
		Degrees																																								150					160					170					180					190					200																																																																																																						
		Power (dBm)																																								12.9					12.7					12.8					13.1					13.3					13.3										12.8					12.9					13.1					12.8					13.1					7.7																																																																			
The Power level changed by LCD Triggering Angle is 190°		 Close the screen side in 5° each step from Step A, the power of Laptop mode is reobtained.																																																																																																																																																																							
		Degrees																																								185					190					195					200																																																																																																																
		Power (dBm)																																								13.0					13.2					8.0					8.1																																																																																																																
		<C> Verfyng the power changed in 1° at each step.																																																																																																																																																																							
		Degrees																																								198					199					190					191					192																																																																																																											
		Power (dBm)																																								12.9					12.7					13.3					7.9					7.9																																																																																																											
		<D>Then Keep opening the screen side in 10° each step until fully open when LCD angle.																																																																																																																																																																							
		Degrees																																								0					10					20					30					40					50															180					190					200					210					220										340					350					360																																															
		Power (dBm)																																								13.3					13.2					13.1					12.9					13.2					13.1															12.9					13.3					7.7					7.7					8.2										8					8.1					7.7																																															
		<E> From fully open when LCD is 360° which the operating mode is Tablet, closing the screen side in 10° each step until the power subject to operating Laptop mode is obtained.																																																																																																																																																																							
		Degrees																																								360					350					340					330					320					310										200					190					180																																																																																		
		Power (dBm)																																								8.1					8.1					8.1					8.2					8.1					8.2										324					13.3					12.8																																																																																		
<F> From fully open when LCD is 360° which the operating mode is Tablet, closing the screen side in 5° each step until fully closed.																																																																																																																																																																									
Degrees																																								360					355					350					345					340					335					330					325					320					315					310										195					190					185										10					5					0																																							
Power (dBm)																																								8.2					7.9					8.2					7.7					7.9					7.8					7.7					8.2					8.3					8.3					7.8										8					13.2					13										13.1					13.3					13																																							
<G> Closing the screen side in 1° each step until the power subject to operating Laptop mode is obtained and keep closing until fully closed.																																																																																																																																																																									
Degrees																																								360					359					358					357					356					355					354					353					352					351					350										192					191					190					199					198					199					198										5					4					3					2					1					0				
Power (dBm)																																								7.8					7.7					7.9					8.3					8.3					7.7					7.9					8.1					8					7.8					7.9										8.3					7.8					13					13.1					13.2					12.7					12.7										13.3					12.9					12.8					13					12.8					13.1				