

Appendix A. Plots of System Verification

The plots for system verification are shown as follows.

Plots of System Verification

Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab

Date: 2022/12/16

S01 System Check_H2450_221216

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

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

Medium: H06T27N1_1216 Medium parameters used: $f = 2450$ MHz; $\sigma = 1.839$ S/m; $\epsilon_r = 38.663$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.3 °C ; Liquid Temperature : 22.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7707; ConvF(8.13, 8.13, 8.13) @ 2450 MHz; Calibrated: 2022/2/21
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1431; Calibrated: 2022/2/23
- Phantom: ELI Phantom_1206; Type: QDOVA001BB;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

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

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

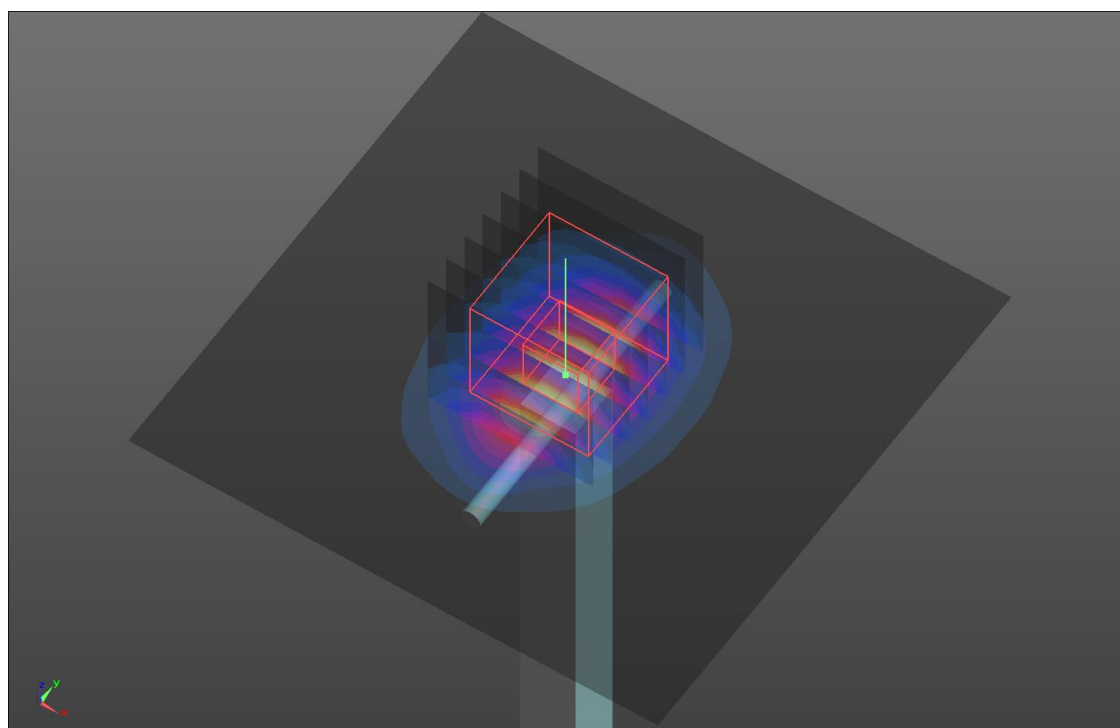
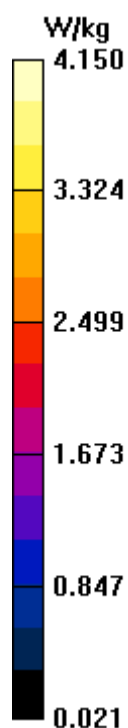
Pin=50mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 48.86 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 5.22 W/kg

SAR(1 g) = 2.44 W/kg; SAR(10 g) = 1.15 W/kg (SAR corrected for target medium)

Maximum value of SAR (measured) = 4.17 W/kg



Plots of System Verification

Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab

Date: 2022/12/16

S02 System Check_H5250_221216

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

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

Medium: H51T72N1_1216 Medium parameters used: $f = 5250$ MHz; $\sigma = 4.555$ S/m; $\epsilon_r = 36.315$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.3 °C ; Liquid Temperature : 22.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7707; ConvF(5.79, 5.79, 5.79) @ 5250 MHz; Calibrated: 2022/2/21
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1431; Calibrated: 2022/2/23
- Phantom: ELI Phantom_1206; Type: QDOVA001BB;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

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

Maximum value of SAR (interpolated) = 8.59 W/kg

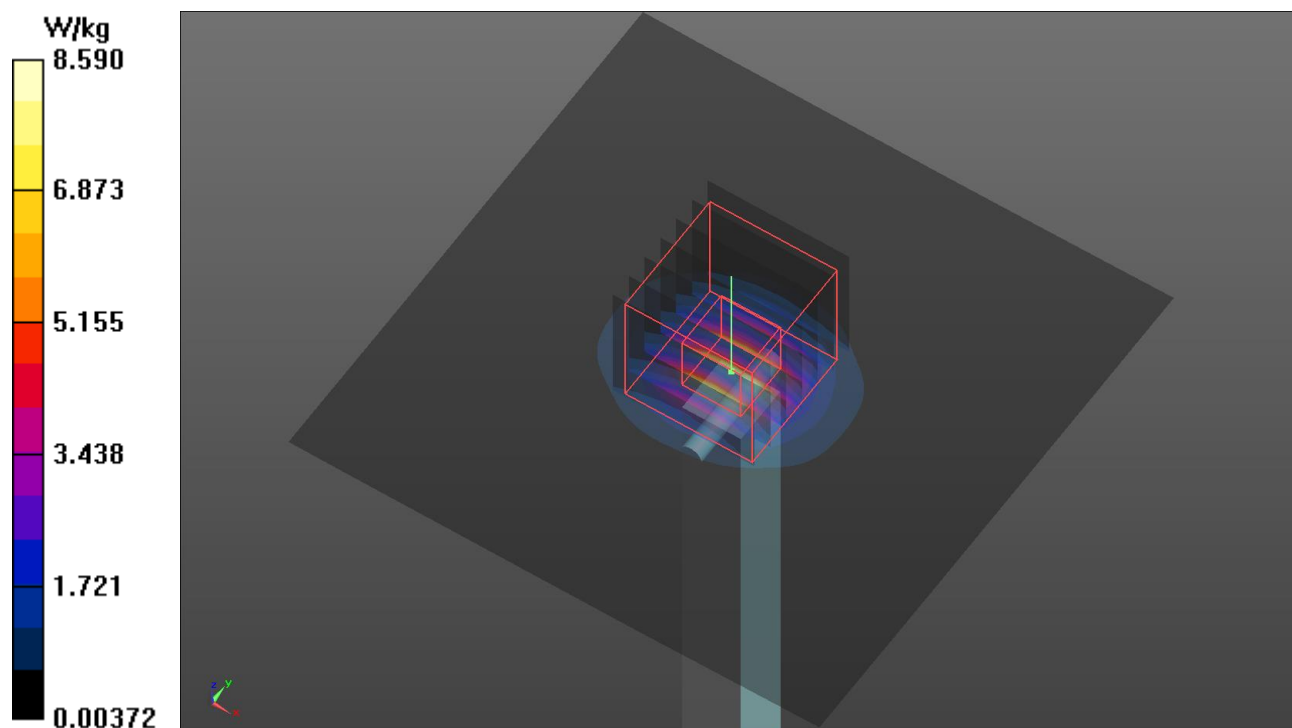
Pin=50mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 50.69 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 14.4 W/kg

SAR(1 g) = 3.72 W/kg; SAR(10 g) = 1.14 W/kg (SAR corrected for target medium)

Maximum value of SAR (measured) = 9.11 W/kg



Plots of System Verification

Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab

Date: 2022/12/16

S03 System Check_H5600_221216

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

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

Medium: H51T72N1_1216 Medium parameters used: $f = 5600$ MHz; $\sigma = 4.943$ S/m; $\epsilon_r = 35.724$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.3 °C ; Liquid Temperature : 22.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7707; ConvF(5.14, 5.14, 5.14) @ 5600 MHz; Calibrated: 2022/2/21
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1431; Calibrated: 2022/2/23
- Phantom: ELI Phantom_1206; Type: QDOVA001BB;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

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

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

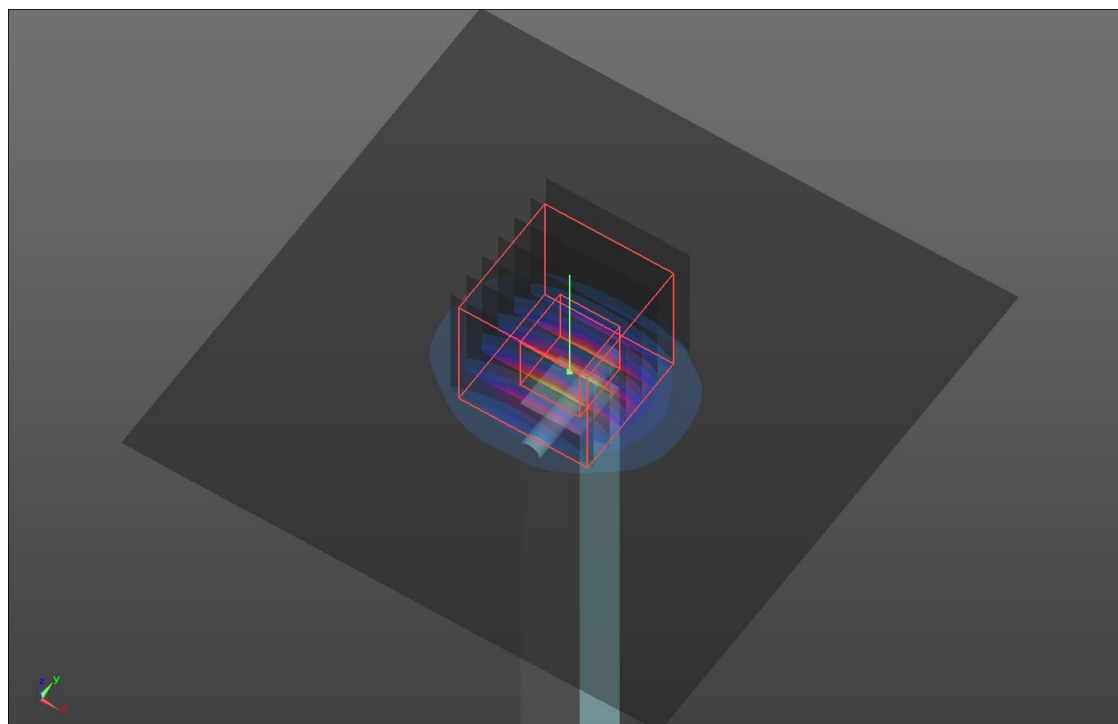
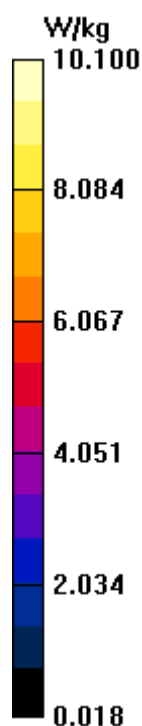
Pin=50mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 51.03 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 17.5 W/kg

SAR(1 g) = 4.03 W/kg; SAR(10 g) = 1.17 W/kg (SAR corrected for target medium)

Maximum value of SAR (measured) = 10.5 W/kg



Plots of System Verification

Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab

Date: 2021/12/16

S04 System Check_H5750_221216

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

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

Medium: H51T72N1_1216 Medium parameters used: $f = 5750$ MHz; $\sigma = 5.116$ S/m; $\epsilon_r = 35.475$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.3 °C ; Liquid Temperature : 22.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7707; ConvF(5.2, 5.2, 5.2) @ 5750 MHz; Calibrated: 2022/2/21
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1431; Calibrated: 2022/2/23
- Phantom: ELI Phantom_1206; Type: QDOVA001BB;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Pin=50mW/Area Scan (81x81x1): Interpolated grid: dx=1.100 mm, dy=1.100 mm

Maximum value of SAR (interpolated) = 9.64 W/kg

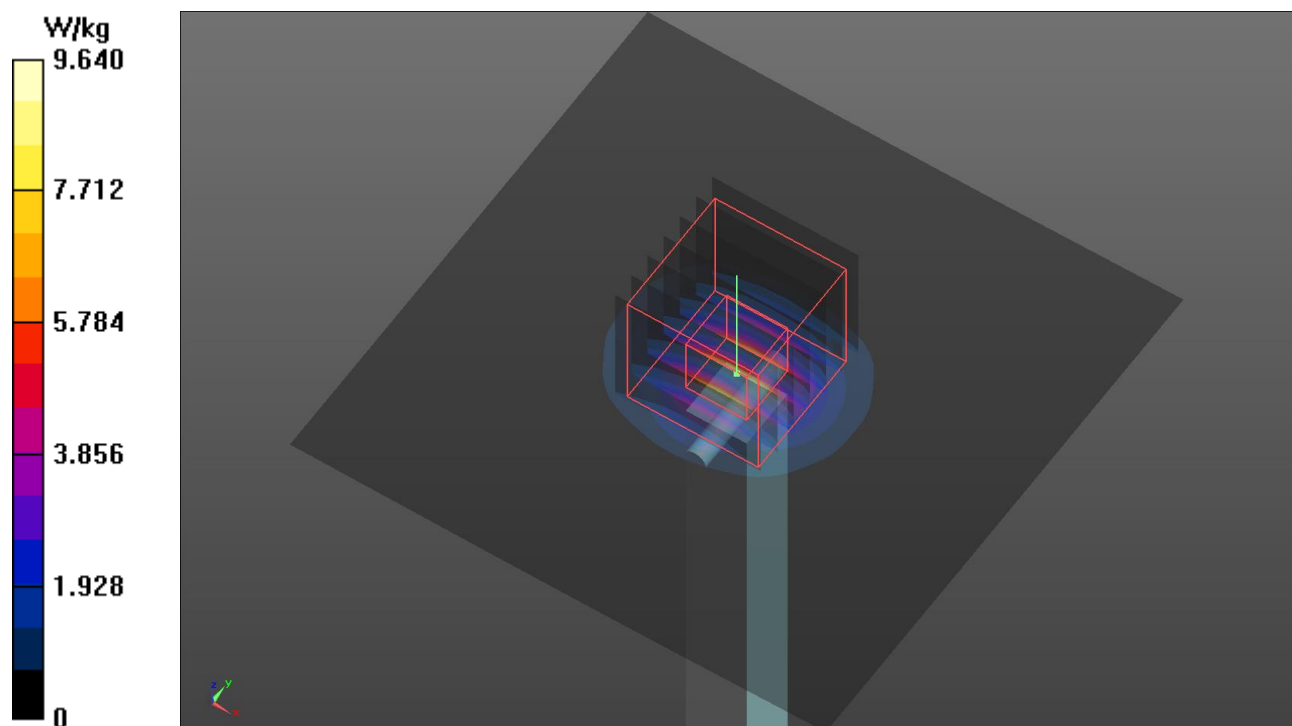
Pin=50mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 47.94 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 16.2 W/kg

SAR(1 g) = 3.64 W/kg; SAR(10 g) = 1.04 W/kg (SAR corrected for target medium)

Maximum value of SAR (measured) = 9.51 W/kg



Plots of System Verification

Measurement Report

S05a System Check_H5750_221219

Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
Dipole	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,	,			5750	5.28	5.12	35.4

Hardware Setup

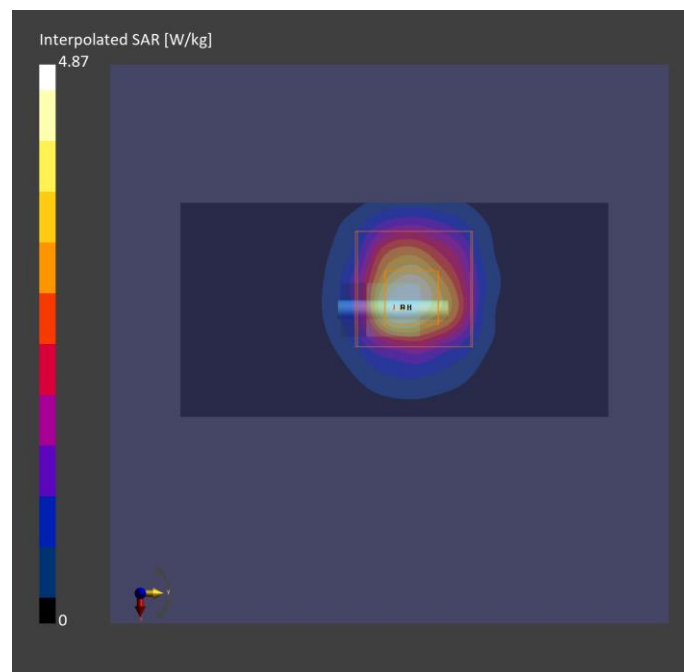
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V5.0 (20deg probe tilt) - 2105	H51T72N6 , 2022-Dec-19	EX3DV4 - SN7554, 2022-07-28	DAE4 Sn1341, 2022-07-19

Scan Setup

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

Measurement Results

	Area Scan	Zoom Scan
Date	2022-11-21	2022-11-21
psSAR1g [W/kg]	3.45	3.89
psSAR10g [W/kg]	1.07	1.11
Power Drift [dB]	-0.01	0.00
M2/M1 [%]		61.9
Dist 3dB Peak [mm]		7.3



Plots of System Verification

Measurement Report S05b System Check_H6500_221219

Device under Test Properties

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

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat,				6500.0	5.65	6.02	34.5

Hardware Setup

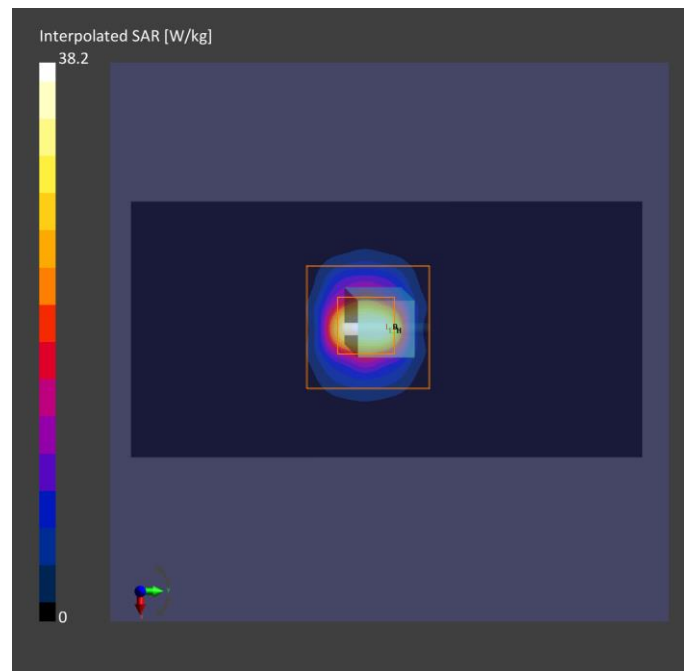
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V5.0 (20deg probe tilt) - 2105	H51T72N6 , 2022-Dec-19	EX3DV4 - SN7554, 2022-07-28	DAE4 Sn1341, 2022-07-19

Scan Setup

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

Measurement Results

	Area Scan	Zoom Scan
Date	2022-12-19	2022-12-19
psSAR1g [W/kg]	25.5	29.5
psSAR10g [W/kg]	5.05	5.39
psAPD (1.0cm2, sq) [W/m2]		295
psAPD (4.0cm2, sq) [W/m2]		133
Power Drift [dB]	-0.02	0.13
M2/M1 [%]		55.8
Dist 3dB Peak [mm]		7.6



Plots of System Verification

Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab

Date: 2022/12/16

S06 System Check_H2450_221216

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

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

Medium: H06T27N1_1216 Medium parameters used: $f = 2450$ MHz; $\sigma = 1.839$ S/m; $\epsilon_r = 38.663$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.3 °C ; Liquid Temperature : 22.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7707; ConvF(8.13, 8.13, 8.13) @ 2450 MHz; Calibrated: 2022/2/21
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1431; Calibrated: 2022/2/23
- Phantom: ELI Phantom_1206; Type: QDOVA001BB;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

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

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

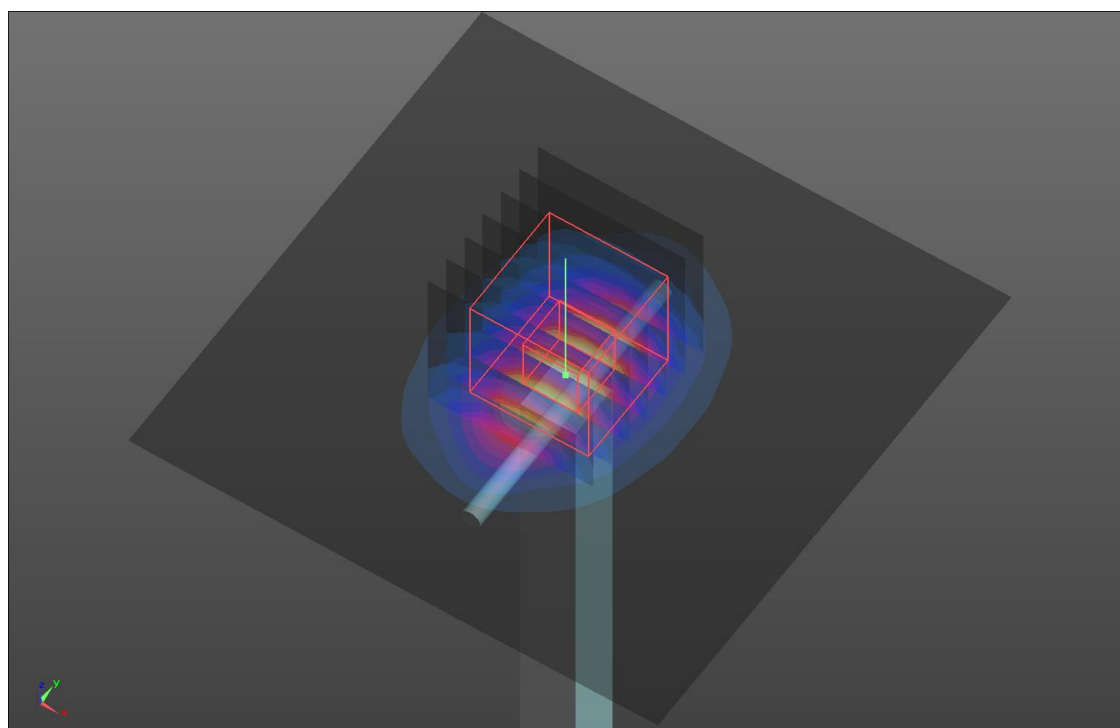
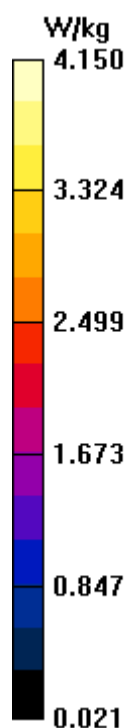
Pin=50mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 48.86 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 5.22 W/kg

SAR(1 g) = 2.44 W/kg; SAR(10 g) = 1.15 W/kg (SAR corrected for target medium)

Maximum value of SAR (measured) = 4.17 W/kg



Plots of System Verification

Measurement Report

S13 System Check_H6500_221219

Device under Test Properties

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

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat,				6500.0	5.65	6.02	34.5

Hardware Setup

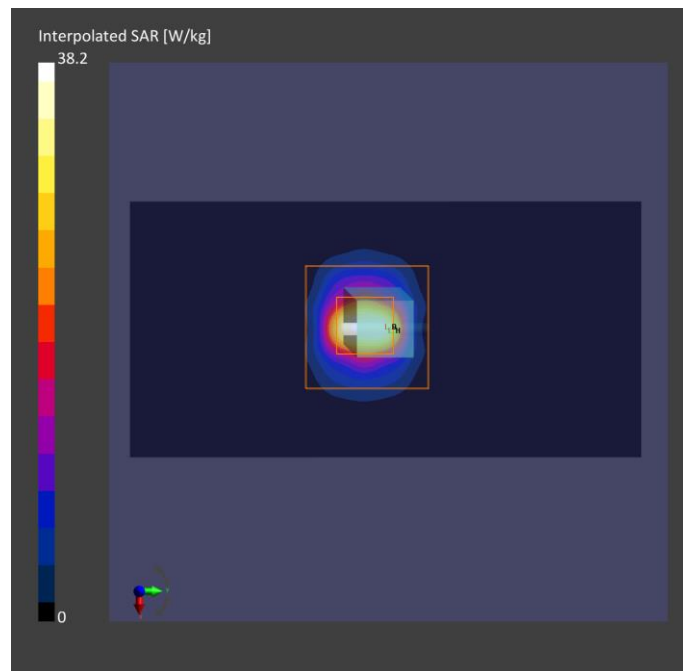
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V5.0 (20deg probe tilt) - 2105	H51T72N6 , 2022-Dec-19	EX3DV4 - SN7554, 2022-07-28	DAE4 Sn1341, 2022-07-19

Scan Setup

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

Measurement Results

	Area Scan	Zoom Scan
Date	2022-12-19	2022-12-19
psSAR1g [W/kg]	25.5	29.5
psSAR10g [W/kg]	5.05	5.39
psAPD (1.0cm2, sq) [W/m2]		295
psAPD (4.0cm2, sq) [W/m2]		133
Power Drift [dB]	-0.02	0.13
M2/M1 [%]		55.8
Dist 3dB Peak [mm]		7.6



Plots of System Verification

Measurement Report

S13 PD_System Check_10 GHz_221222

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	Laptop

Exposure Conditions

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

Hardware Setup

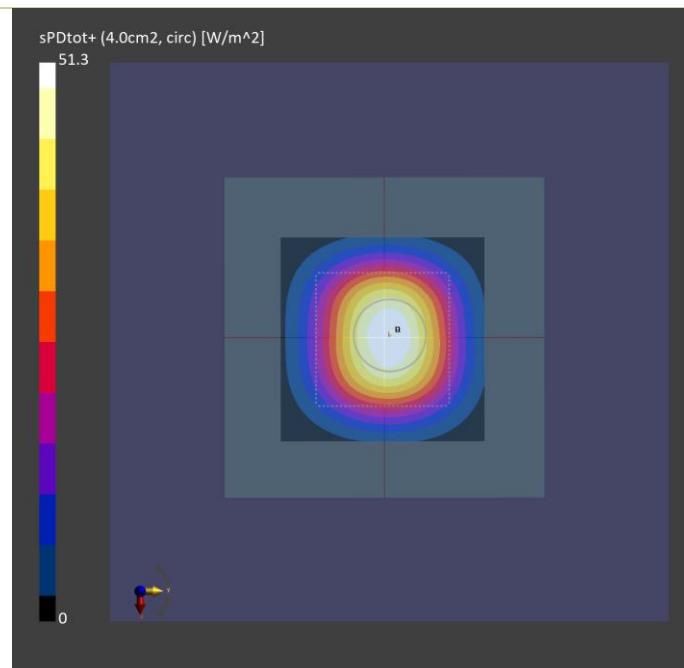
Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
mmWave- 1029	--Air--	EUmmWV4 - SN9438_F1-55GHz, 2022-07-18	DAE4 Sn1341, 2022-07-19

Scan Setup

	5G Scan
Grid Extents [mm]	60.0 x 60.0
Grid Steps [lambda]	0.125 x 0.125
Sensor Surface [mm]	5.55

Measurement Results

	5G Scan
Date	2022-12-22
Avg. Area [cm ²]	4.00
psPDn+ [W/m ²]	50.7
psPDtot+ [W/m ²]	51.2
psPDmod+ [W/m ²]	51.5
E _{max} [V/m]	144
Power Drift [dB]	0.09



Appendix B. Plots of Measurement

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

Plots of Measurement

Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab

Date: 2022/12/16

P01 WLAN2.4G_802.11b_Bottom of Laptop_0mm_Ch1_Ant 0+1

DUT: BDGE-WTW-P22120074

Communication System: UID 10012 - CAB, IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps); Frequency: 2412 MHz; Duty Cycle: 1:1

Medium: H06T27N1_1216 Medium parameters used: $f = 2412$ MHz; $\sigma = 1.808$ S/m; $\epsilon_r = 38.717$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.3 °C ; Liquid Temperature : 22.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7707; ConvF(8.13, 8.13, 8.13) @ 2412 MHz; Calibrated: 2022/2/21
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1431; Calibrated: 2022/2/23
- Phantom: ELI Phantom_1206; Type: QDOVA001BB;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Area Scan (71x371x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.238 W/kg

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

Reference Value = 11.00 V/m; Power Drift = 0.09 dB

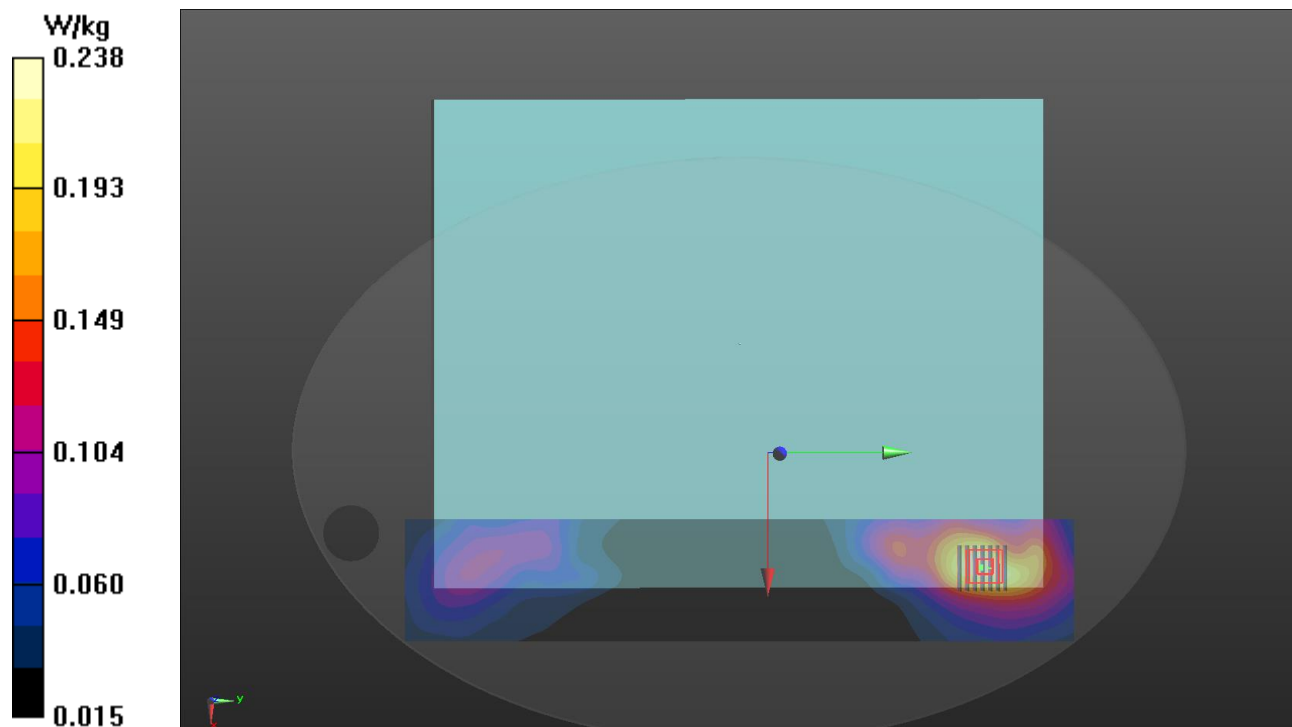
Peak SAR (extrapolated) = 0.313 W/kg

SAR(1 g) = 0.176 W/kg; SAR(10 g) = 0.107 W/kg (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below: Larger than measurement grid (> 15 mm)

Ratio of SAR at M2 to SAR at M1 = 56.6%

Maximum value of SAR (measured) = 0.259 W/kg



Plots of Measurement

Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab

Date: 2022/12/16

P02 WLAN5.3G_802.11n HT40_Bottom of Laptop_0mm_Ch54_Ant 1

DUT: BDGE-WTW-P22120074

Communication System: UID 10599 - AAC, IEEE 802.11n (HT Mixed, 40MHz, MCS0); Frequency: 5270 MHz; Duty Cycle: 1:1

Medium: H51T72N1_1216 Medium parameters used: $f = 5270$ MHz; $\sigma = 4.578$ S/m; $\epsilon_r = 36.285$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.3 °C ; Liquid Temperature : 22.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7707; ConvF(5.79, 5.79, 5.79) @ 5270 MHz; Calibrated: 2022/2/21
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1431; Calibrated: 2022/2/23
- Phantom: ELI Phantom_1206; Type: QDOVA001BB;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Area Scan (111x391x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.152 W/kg

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

Reference Value = 5.865 V/m; Power Drift = 0.02 dB

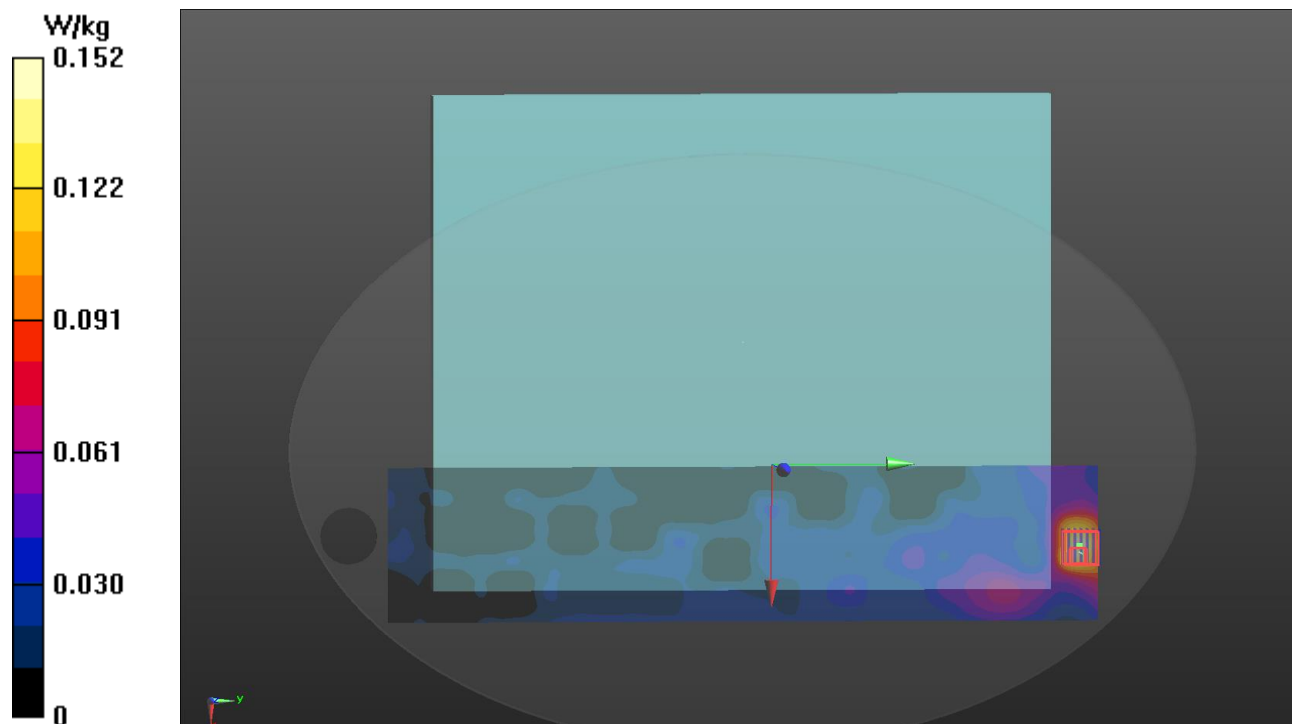
Peak SAR (extrapolated) = 0.209 W/kg

SAR(1 g) = 0.086 W/kg; SAR(10 g) = 0.054 W/kg (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below: Larger than measurement grid (> 12 mm)

Ratio of SAR at M2 to SAR at M1 = 76%

Maximum value of SAR (measured) = 0.146 W/kg



Plots of Measurement

Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab

Date: 2022/12/16

P03 WLAN5.6G_802.11n HT40_Bottom of Laptop_0mm_Ch142_Ant 1

DUT: BDGE-WTW-P22120074

Communication System: UID 10599 - AAC, IEEE 802.11n (HT Mixed, 40MHz, MCS0); Frequency: 5710 MHz; Duty Cycle: 1:1

Medium: H51T72N1_1216 Medium parameters used: $f = 5710$ MHz; $\sigma = 5.069$ S/m; $\epsilon_r = 35.545$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.3 °C ; Liquid Temperature : 22.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7707; ConvF(5.2, 5.2, 5.2) @ 5710 MHz; Calibrated: 2022/2/21
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1431; Calibrated: 2022/2/23
- Phantom: ELI Phantom_1206; Type: QDOVA001BB;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Area Scan (111x391x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.402 W/kg

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

Reference Value = 9.256 V/m; Power Drift = -0.06 dB

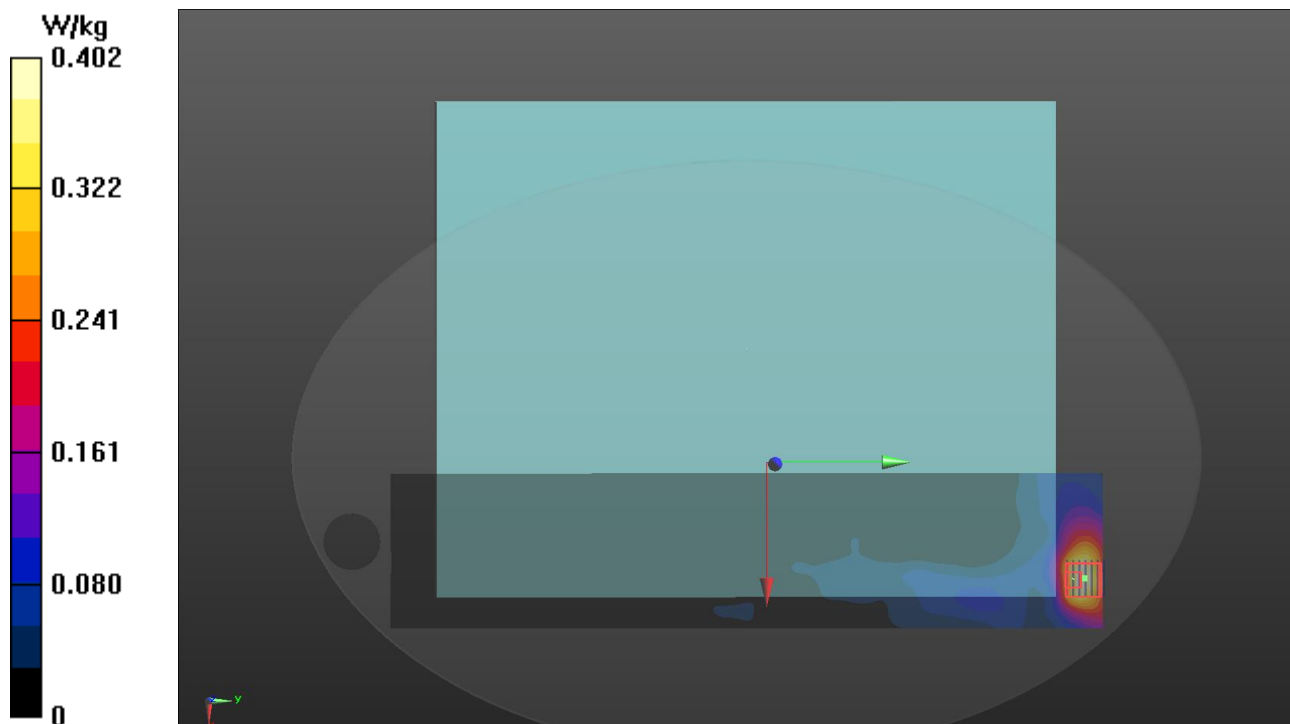
Peak SAR (extrapolated) = 0.751 W/kg

SAR(1 g) = 0.229 W/kg; SAR(10 g) = 0.107 W/kg (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 13.2 mm

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

Maximum value of SAR (measured) = 0.475 W/kg



Plots of Measurement

Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab

Date: 2022/12/16

P04 WLAN5.8G_802.11a_Bottom of Laptop_0mm_Ch161_Ant 1

DUT: BDGE-WTW-P22120074

Communication System: UID 10062 - CAD, IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps); Frequency: 5805 MHz; Duty Cycle: 1:1

Medium: H51T72N1_1216 Medium parameters used: $f = 5805$ MHz; $\sigma = 5.179$ S/m; $\epsilon_r = 35.393$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.3 °C ; Liquid Temperature : 22.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7707; ConvF(5.2, 5.2, 5.2) @ 5805 MHz; Calibrated: 2022/2/21
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1431; Calibrated: 2022/2/23
- Phantom: ELI Phantom_1206; Type: QDOVA001BB;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Area Scan (111x391x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.391 W/kg

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

Reference Value = 9.039 V/m; Power Drift = -0.04 dB

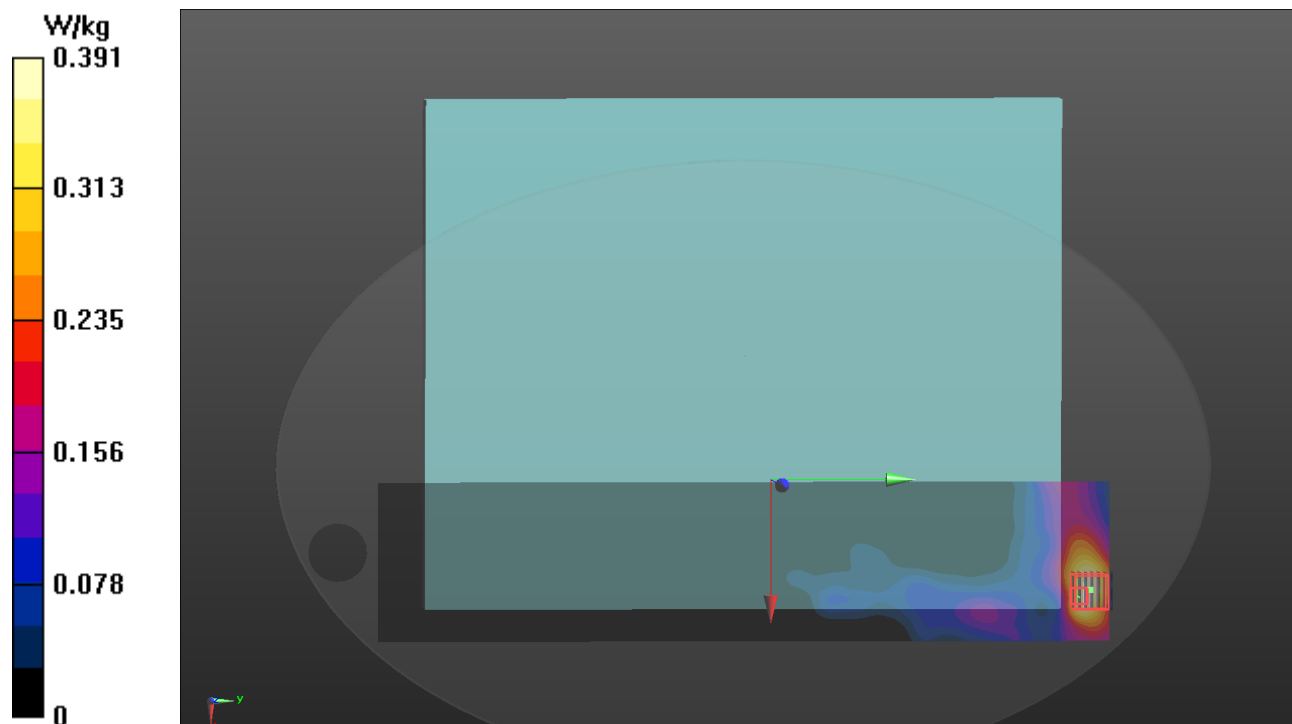
Peak SAR (extrapolated) = 0.767 W/kg

SAR(1 g) = 0.225 W/kg; SAR(10 g) = 0.103 W/kg (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 21.5 mm

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

Maximum value of SAR (measured) = 0.468 W/kg



Plots of Measurement

Measurement Report

P05 WLAN5.9G_802.11ac VHT80_Bottom of Laptop_0mm_Ch171_Ant 0

Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
BDGE-WTW-P22120074,	400.0 x 320.0 x 20.0		Laptop

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, HSL	Bottom, 0.00	U-NII-4	WLAN, 10544-AAC	5855.0, 171	4.79	5.25	35.5

Hardware Setup

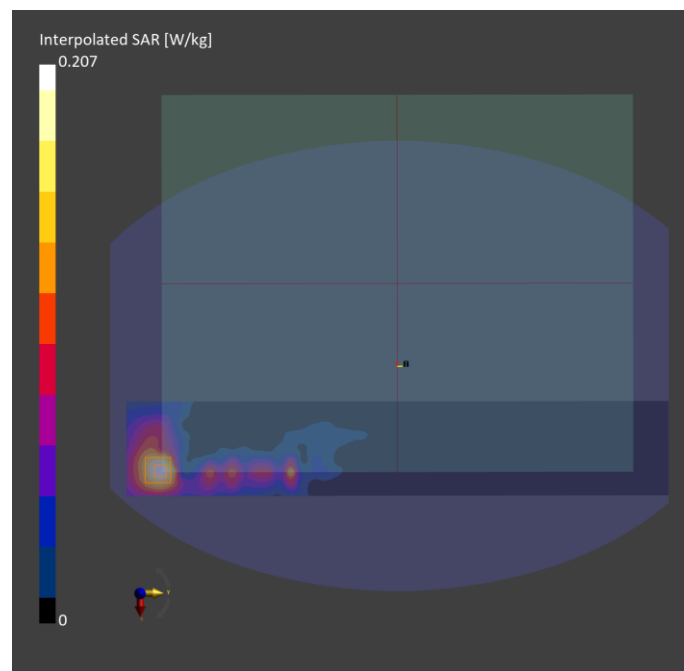
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V8.0 (20deg probe tilt) - 2105	H51T72N6 , 2022-Dec-19	EX3DV4 - SN7554, 2022-07-28	DAE4 Sn1341, 2022-07-19

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	80.0 x 460.0	24.0 x 24.0 x 22.0
Grid Steps [mm]	10.0 x 10.0	4.0 x 4.0 x 1.4
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2022-12-19	2022-12-19
psSAR1g [W/kg]	0.158	0.158
psSAR10g [W/kg]	0.067	0.068
Power Drift [dB]	0.11	0.09
M2/M1 [%]		63.6
Dist 3dB Peak [mm]		13.1



Plots of Measurement

Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab

Date: 2022/12/16

P06 BT_BDR_Bottom of Laptop_0mm_Ch39_Ant 1

DUT: BDGE-WTW-P22120074

Communication System: UID 10032 - CAA, IEEE 802.15.1 Bluetooth (GFSK, DH5); Frequency: 2441 MHz; Duty Cycle: 1:1.3

Medium: H06T27N1_1216 Medium parameters used: $f = 2441$ MHz; $\sigma = 1.832$ S/m; $\epsilon_r = 38.674$; $\rho = 1000$ kg/m³

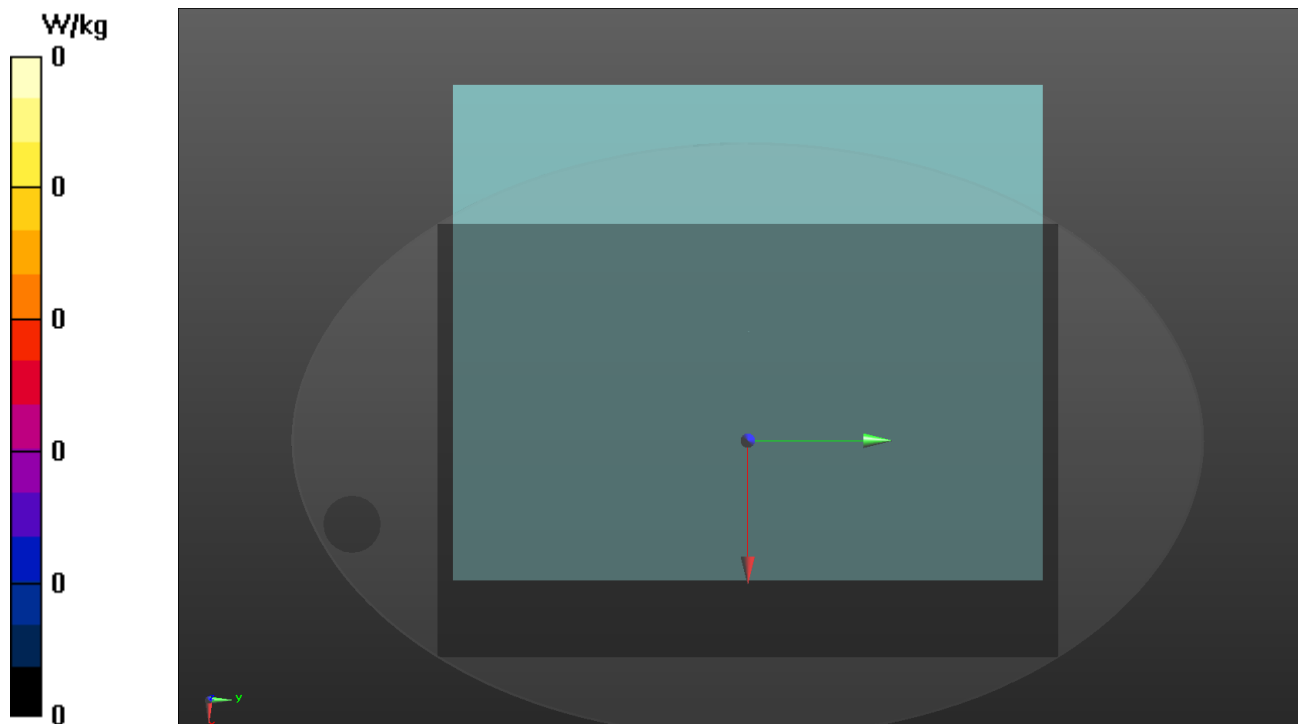
Ambient Temperature : 22.3 °C ; Liquid Temperature : 22.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7707; ConvF(8.13, 8.13, 8.13) @ 2441 MHz; Calibrated: 2022/2/21
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1431; Calibrated: 2022/2/23
- Phantom: ELI Phantom_1206; Type: QDOVA001BB;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Area Scan (241x341x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

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



Plots of Measurement

Measurement Report

P13 UNII-8_802.11ax HE160_Bottom of Laptop_0mm_Ch207_Ant 0+1

Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
BDGE-WTW-P22120074,	400.0 x 320.0 x 20.0		Laptop

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, HSL	Bottom, 0.00	U-NII-8	WLAN, 10755-AAC	6985.0, 207	5.65	6.60	33.7

Hardware Setup

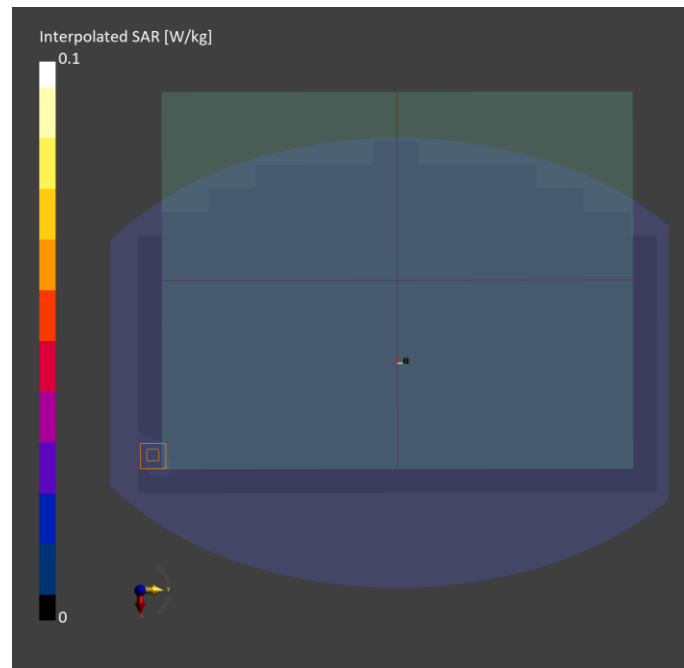
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V8.0 (20deg probe tilt) - 2105	H51T72N6 , 2022-Dec-19	EX3DV4 - SN7554, 2022-07-28	DAE4 Sn1341, 2022-07-19

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	360.0 x 435.0	22.0 x 22.0 x 22.0
Grid Steps [mm]	7.5 x 7.5	3.4 x 3.4 x 1.4
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2022-12-19	2022-12-19
psSAR1g [W/kg]	0.013	0.028
psSAR10g [W/kg]	0.005	0.01
psAPD (1.0cm2, sq) [W/m2]		0.278
psAPD (4.0cm2, sq) [W/m2]		0.219
Power Drift [dB]	0.09	0.04
M2/M1 [%]		52.1
Dist 3dB Peak [mm]		8.3



Plots of Measurement

Measurement Report

P13 UNII-8_802.11ax HE160_Bottom of Laptop_0mm_Ch207_Ant 0+1

Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
BDGE-WTW-P22120074	406.0 x 320.0 x 30.0		Laptop

Exposure Conditions

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

Hardware Setup

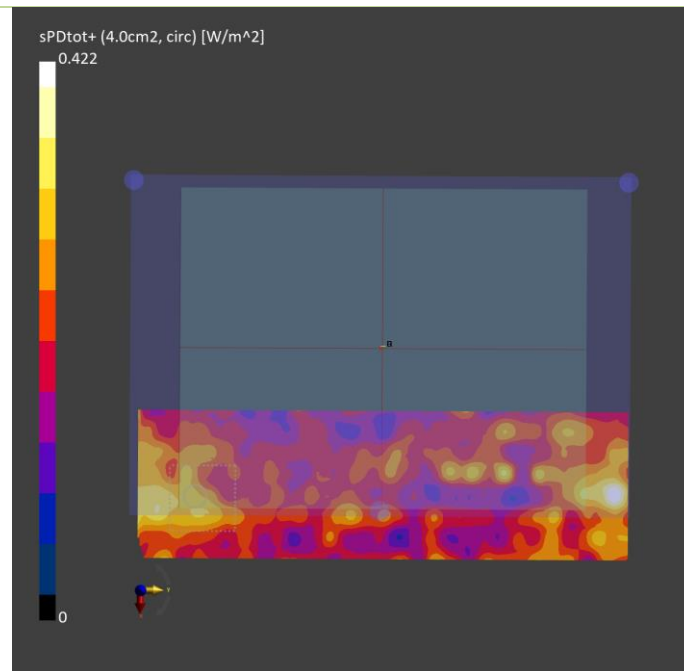
Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
mmWave- 1029	--Air--	EUmmWV4 - SN9438_F1-55GHz, 2022-07-18	DAE4 Sn1341, 2022-07-19

Scan Setup

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

Measurement Results

	5G Scan
Date	2022-12-22
Avg. Area [cm ²]	4.00
psPDn+ [W/m ²]	0.246
psPDtot+ [W/m ²]	0.422
psPDmod+ [W/m ²]	0.691
E _{max} [V/m]	19.3
Power Drift [dB]	-0.12



Appendix D. Maximum Target Conducted Power

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

Tune-up Power (Full)_ MT7922A22M							
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	21.5	21.5	21.5	21.5	24.5
	6	2437	21.5	21.5	21.5	21.5	24.5
	11	2462	20.0	20.0	20.0	20.0	23.0
	12	2467	19.0	19.0	19.0	19.0	22.0
	13	2472	17.0	17.0	17.0	17.0	20.0
802.11g	1	2412	18.0	18.0	18.0	18.0	21.0
	6	2437	20.5	20.5	20.5	20.5	23.5
	11	2462	18.0	18.0	18.0	18.0	21.0
	12	2467	14.5	14.5	14.5	14.5	17.5
	13	2472	11.5	11.5	11.5	11.5	14.5
802.11n HT20	1	2412	17.5	17.5	17.5	17.5	20.5
	6	2437	20.0	20.0	20.0	20.0	23.0
	11	2462	17.5	17.5	17.5	17.5	20.5
	12	2467	14.0	14.0	14.0	14.0	17.0
	13	2472	9.5	9.5	9.5	9.5	12.5
802.11n HT40	3	2422	15.0	15.0	15.0	15.0	18.0
	6	2437	18.0	18.0	18.0	18.0	21.0
	9	2452	15.0	15.0	15.0	15.0	18.0
	10	2457	12.5	12.5	12.5	12.5	15.5
	11	2462	10.0	10.0	10.0	10.0	13.0
802.11ac VHT20	1	2412	17.5	17.5	17.5	17.5	20.5
	6	2437	20.0	20.0	20.0	20.0	23.0
	11	2462	17.5	17.5	17.5	17.5	20.5
	12	2467	14.0	14.0	14.0	14.0	17.0
	13	2472	9.5	9.5	9.5	9.5	12.5
802.11ac VHT40	3	2422	15.0	15.0	15.0	15.0	18.0
	6	2437	18.0	18.0	18.0	18.0	21.0
	9	2452	15.0	15.0	15.0	15.0	18.0
	10	2457	12.5	12.5	12.5	12.5	15.5
	11	2462	10.0	10.0	10.0	10.0	13.0
802.11ax HE20	1	2412	17.5	17.5	17.5	17.5	20.5
	6	2437	20.5	20.5	20.5	20.5	23.5
	11	2462	17.5	17.5	17.5	17.5	20.5
	12	2467	14.5	14.5	14.5	14.5	17.5
	13	2472	10.0	10.0	10.0	10.0	13.0
802.11ax HE40	3	2422	15.0	15.0	15.0	15.0	18.0
	6	2437	18.0	18.0	18.0	18.0	21.0
	9	2452	15.0	15.0	15.0	15.0	18.0
	10	2457	13.0	13.0	13.0	13.0	16.0
	11	2462	10.5	10.5	10.5	10.5	13.5

Tune-up Power (Full)_MT7922A22M					
Bluetooth					
Mode	Channel	Frequency		Ant 1 Max Tune-up	
BR / EDR	0	2402		13.0	
	39	2441		13.0	
	78	2480		13.0	
LE	0	2402		13.0	
	19	2440		13.0	
	39	2480		13.0	

Tune-up Power (Full)_ MT7922A22M							
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	19.0	19.0	19.0	19.0	22.0
	40	5200	19.0	19.0	19.0	19.0	22.0
	44	5220	19.0	19.0	19.0	19.0	22.0
	48	5240	19.0	19.0	19.0	19.0	22.0
802.11n HT20	36	5180	18.5	18.5	18.5	18.5	21.5
	40	5200	19.5	19.5	19.5	19.5	22.5
	44	5220	19.5	19.5	19.5	19.5	22.5
	48	5240	19.5	19.5	19.5	19.5	22.5
802.11n HT40	38	5190	17.0	17.0	17.0	17.0	20.0
	46	5230	19.0	19.0	19.0	19.0	22.0
802.11ac VHT20	36	5180	18.5	18.5	18.5	18.5	21.5
	40	5200	19.5	19.5	19.5	19.5	22.5
	44	5220	19.5	19.5	19.5	19.5	22.5
	48	5240	19.5	19.5	19.5	19.5	22.5
802.11ac VHT40	38	5190	17.0	17.0	17.0	17.0	20.0
	46	5230	19.0	19.0	19.0	19.0	22.0
802.11ac VHT80	42	5210	14.0	14.0	14.0	14.0	17.0
802.11ax HE20	36	5180	18.5	18.5	18.5	18.5	21.5
	40	5200	19.5	19.5	19.5	19.5	22.5
	44	5220	19.5	19.5	19.5	19.5	22.5
	48	5240	19.5	19.5	19.5	19.5	22.5
802.11ax HE40	38	5190	17.0	17.0	17.0	17.0	20.0
	46	5230	19.5	19.5	19.5	19.5	22.5
802.11ax HE80	42	5210	14.0	14.0	14.0	14.0	17.0

Tune-up Power (Full)_ MT7922A22M							
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	19.0	19.0	19.0	19.0	22.0
	56	5280	19.0	19.0	19.0	19.0	22.0
	60	5300	18.5	18.5	18.5	18.5	21.5
	64	5320	18.5	18.5	18.5	18.5	21.5
802.11n HT20	52	5260	19.5	19.5	19.5	19.5	22.5
	56	5280	19.5	19.5	19.5	19.5	22.5
	60	5300	19.0	19.0	19.0	19.0	22.0
	64	5320	19.0	19.0	19.0	19.0	22.0
802.11n HT40	54	5270	19.5	19.5	19.5	19.5	22.5
	62	5310	16.5	16.5	16.5	16.5	19.5
802.11ac VHT20	52	5260	19.5	19.5	19.5	19.5	22.5
	56	5280	19.5	19.5	19.5	19.5	22.5
	60	5300	19.0	19.0	19.0	19.0	22.0
	64	5320	19.0	19.0	19.0	19.0	22.0
802.11ac VHT40	54	5270	19.5	19.5	19.5	19.5	22.5
	62	5310	16.5	16.5	16.5	16.5	19.5
802.11ac VHT80	58	5290	15.0	15.0	15.0	15.0	18.0
802.11ac VHT160	50	5250	15.0	15.0	15.0	15.0	18.0
802.11ax HE20	52	5260	19.5	19.5	19.5	19.5	22.5
	56	5280	19.5	19.5	19.5	19.5	22.5
	60	5300	19.5	19.5	19.5	19.5	22.5
	64	5320	19.5	19.5	19.5	19.5	22.5
802.11ax HE40	54	5270	19.5	19.5	19.5	19.5	22.5
	62	5310	16.5	16.5	16.5	16.5	19.5
802.11ax HE80	58	5290	15.0	15.0	15.0	15.0	18.0
802.11ax HE160	50	5250	15.0	15.0	15.0	15.0	18.0

Tune-up Power (Full)_ MT7922A22M							
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	19.0	19.0	19.0	19.0	22.0
	116	5580	19.0	19.0	19.0	19.0	22.0
	120	5600	19.0	19.0	19.0	19.0	22.0
	124	5620	19.0	19.0	19.0	19.0	22.0
	132	5660	19.0	19.0	19.0	19.0	22.0
	140	5700	19.0	19.0	19.0	19.0	22.0
	144	5720	18.0	18.0	18.0	18.0	21.0
802.11n HT20	100	5500	18.0	18.0	18.0	18.0	21.0
	116	5580	19.5	19.5	19.5	19.5	22.5
	120	5600	19.5	19.5	19.5	19.5	22.5
	124	5620	19.5	19.5	19.5	19.5	22.5
	132	5660	19.5	19.5	19.5	19.5	22.5
	140	5700	16.0	16.0	16.0	16.0	19.0
	144	5720	19.0	19.0	19.0	19.0	22.0
802.11n HT40	102	5510	16.5	16.5	16.5	16.5	19.5
	110	5550	19.0	19.0	19.0	19.0	22.0
	118	5590	19.0	19.0	19.0	19.0	22.0
	126	5630	19.0	19.0	19.0	19.0	22.0
	134	5670	18.0	18.0	18.0	18.0	21.0
	142	5710	20.0	20.0	20.0	20.0	23.0
802.11ac VHT20	100	5500	18.0	18.0	18.0	18.0	21.0
	116	5580	19.5	19.5	19.5	19.5	22.5
	120	5600	19.5	19.5	19.5	19.5	22.5
	124	5620	19.5	19.5	19.5	19.5	22.5
	132	5660	19.5	19.5	19.5	19.5	22.5
	140	5700	16.0	16.0	16.0	16.0	19.0
	144	5720	19.0	19.0	19.0	19.0	22.0
802.11ac VHT40	102	5510	16.5	16.5	16.5	16.5	19.5
	110	5550	19.0	19.0	19.0	19.0	22.0
	118	5590	19.0	19.0	19.0	19.0	22.0
	126	5630	19.0	19.0	19.0	19.0	22.0
	134	5670	18.0	18.0	18.0	18.0	21.0
	142	5710	20.0	20.0	20.0	20.0	23.0
802.11ac VHT80	106	5530	16.5	16.5	16.5	16.5	19.5
	122	5610	18.0	18.0	18.0	18.0	21.0
	138	5690	19.0	19.0	19.0	19.0	22.0
802.11ac VHT160	114	5570	13.0	13.0	13.0	13.0	16.0
802.11ax HE20	100	5500	18.5	18.5	18.5	18.5	21.5
	116	5580	19.5	19.5	19.5	19.5	22.5
	120	5600	19.5	19.5	19.5	19.5	22.5
	124	5620	19.5	19.5	19.5	19.5	22.5
	132	5660	19.5	19.5	19.5	19.5	22.5
	140	5700	16.0	16.0	16.0	16.0	19.0
	144	5720	19.0	19.0	19.0	19.0	22.0
802.11ax HE40	102	5510	16.5	16.5	16.5	16.5	19.5
	110	5550	19.0	19.0	19.0	19.0	22.0
	118	5590	19.0	19.0	19.0	19.0	22.0
	126	5630	19.0	19.0	19.0	19.0	22.0
	134	5670	18.0	18.0	18.0	18.0	21.0
802.11ax HE80	106	5530	16.5	16.5	16.5	16.5	19.5
	122	5610	18.0	18.0	18.0	18.0	21.0
	138	5690	19.0	19.0	19.0	19.0	22.0
802.11ax HE160	114	5570	13.5	13.5	13.5	13.5	16.5

Tune-up Power (Full)_ MT7922A22M							
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	20.5	20.5	20.5	20.5	23.5
	153	5765	20.5	20.5	20.5	20.5	23.5
	157	5785	20.5	20.5	20.5	20.5	23.5
	161	5805	21.0	21.0	21.0	21.0	24.0
	165	5825	21.0	21.0	21.0	21.0	24.0
802.11n HT20	149	5745	20.0	20.0	20.0	20.0	23.0
	153	5765	20.0	20.0	20.0	20.0	23.0
	157	5785	19.5	19.5	19.5	19.5	22.5
	161	5805	19.5	19.5	19.5	19.5	22.5
	165	5825	19.5	19.5	19.5	19.5	22.5
802.11n HT40	151	5755	19.5	19.5	19.5	19.5	22.5
	159	5795	19.5	19.5	19.5	19.5	22.5
802.11ac VHT20	149	5745	20.0	20.0	20.0	20.0	23.0
	153	5765	20.0	20.0	20.0	20.0	23.0
	157	5785	19.5	19.5	19.5	19.5	22.5
	161	5805	19.5	19.5	19.5	19.5	22.5
	165	5825	19.5	19.5	19.5	19.5	22.5
802.11ac VHT40	151	5755	19.5	19.5	19.5	19.5	22.5
	159	5795	19.5	19.5	19.5	19.5	22.5
802.11ac VHT80	155	5775	17.5	17.5	17.5	17.5	20.5
802.11ax HE20	149	5745	20.0	20.0	20.0	20.0	23.0
	153	5765	20.0	20.0	20.0	20.0	23.0
	157	5785	20.0	20.0	20.0	20.0	23.0
	161	5805	20.0	20.0	20.0	20.0	23.0
	165	5825	20.0	20.0	20.0	20.0	23.0
802.11ax HE40	151	5755	19.5	19.5	19.5	19.5	22.5
	159	5795	20.0	20.0	20.0	20.0	23.0
802.11ax HE80	155	5775	17.5	17.5	17.5	17.5	20.5

Tune-up Power (Full)_ MT7922A22M							
WLAN 5.9GHz							
Mode	Channel	Frequency	SISO Max Tune up	SISO Max Tune up	MIMO Tune up	MIMO Tune up	MIMO Max Tune up
802.11a	169	5845	14.0	14.0	14.0	14.0	17.0
	173	5865	14.0	14.0	14.0	14.0	17.0
	177	5885	14.0	14.0	14.0	14.0	17.0
802.11n HT20	169	5845	14.5	14.5	14.5	14.5	17.5
	173	5865	14.5	14.5	14.5	14.5	17.5
	177	5885	14.5	14.5	14.5	14.5	17.5
802.11n HT40	167	5835	16.5	16.5	16.5	16.5	19.5
	175	5875	16.5	16.5	16.5	16.5	19.5
802.11ac VHT20	169	5845	14.5	14.5	14.5	14.5	17.5
	173	5865	14.5	14.5	14.5	14.5	17.5
	177	5885	14.5	14.5	14.5	14.5	17.5
802.11ac VHT40	167	5835	16.5	16.5	16.5	16.5	19.5
	175	5875	16.5	16.5	16.5	16.5	19.5
802.11ac VHT80	171	5855	19.5	19.5	19.5	19.5	22.5
802.11ac VHT160	163	5815	15.0	15.0	15.0	15.0	18.0
802.11ax HE20	169	5845	14.5	14.5	14.5	14.5	17.5
	173	5865	14.5	14.5	14.5	14.5	17.5
	177	5885	14.5	14.5	14.5	14.5	17.5
802.11ax HE40	167	5835	17.0	17.0	17.0	17.0	20.0
	175	5875	17.0	17.0	17.0	17.0	20.0
802.11ax HE80	171	5855	19.5	19.5	19.5	19.5	22.5
802.11ax VHT160	163	5815	15.5	15.5	15.5	15.5	18.5

Tune-up Power (Full)_MT7922A22M							
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
802.11a	1	5955	0.5	0.5	0.5	0.5	3.5
	5	5975	0.5	0.5	0.5	0.5	3.5
	9	5995	0.5	0.5	0.5	0.5	3.5
	13	6015	0.5	0.5	0.5	0.5	3.5
	17	6035	0.5	0.5	0.5	0.5	3.5
	21	6055	0.5	0.5	0.5	0.5	3.5
	25	6075	0.5	0.5	0.5	0.5	3.5
	29	6095	0.5	0.5	0.5	0.5	3.5
	33	6115	0.5	0.5	0.5	0.5	3.5
	37	6135	0.5	0.5	0.5	0.5	3.5
	41	6155	0.5	0.5	0.5	0.5	3.5
	45	6175	0.5	0.5	0.5	0.5	3.5
	49	6195	0.5	0.5	0.5	0.5	3.5
	53	6215	0.5	0.5	0.5	0.5	3.5
	57	6235	0.5	0.5	0.5	0.5	3.5
	61	6255	0.5	0.5	0.5	0.5	3.5
	65	6275	0.5	0.5	0.5	0.5	3.5
	69	6295	0.5	0.5	0.5	0.5	3.5
	73	6315	0.5	0.5	0.5	0.5	3.5
	77	6335	0.5	0.5	0.5	0.5	3.5
	81	6355	0.5	0.5	0.5	0.5	3.5
802.11ax HE20	85	6375	0.5	0.5	0.5	0.5	3.5
	89	6395	0.5	0.5	0.5	0.5	3.5
	93	6415	0.5	0.5	0.5	0.5	3.5
	1	5955	1.0	1.0	1.0	1.0	4.0
	5	5975	1.0	1.0	1.0	1.0	4.0
	9	5995	1.0	1.0	1.0	1.0	4.0
	13	6015	1.0	1.0	1.0	1.0	4.0
	17	6035	1.0	1.0	1.0	1.0	4.0
	21	6055	1.0	1.0	1.0	1.0	4.0
	25	6075	1.0	1.0	1.0	1.0	4.0
	29	6095	1.0	1.0	1.0	1.0	4.0
	33	6115	1.0	1.0	1.0	1.0	4.0
	37	6135	1.0	1.0	1.0	1.0	4.0
	41	6155	1.0	1.0	1.0	1.0	4.0
	45	6175	1.0	1.0	1.0	1.0	4.0
	49	6195	1.0	1.0	1.0	1.0	4.0
	53	6215	1.0	1.0	1.0	1.0	4.0
	57	6235	1.0	1.0	1.0	1.0	4.0
	61	6255	1.0	1.0	1.0	1.0	4.0
	65	6275	1.0	1.0	1.0	1.0	4.0
	69	6295	1.0	1.0	1.0	1.0	4.0
	73	6315	1.0	1.0	1.0	1.0	4.0
	77	6335	1.0	1.0	1.0	1.0	4.0
	81	6355	1.0	1.0	1.0	1.0	4.0
	85	6375	1.0	1.0	1.0	1.0	4.0
	89	6395	1.0	1.0	1.0	1.0	4.0
	93	6415	1.0	1.0	1.0	1.0	4.0

Tune-up Power (Full)_MT7922A22M							
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 HE40	3	5965	3.5	3.5	3.5	3.5	6.5
	11	6005	3.5	3.5	3.5	3.5	6.5
	19	6045	3.5	3.5	3.5	3.5	6.5
	27	6085	3.5	3.5	3.5	3.5	6.5
	35	6125	3.5	3.5	3.5	3.5	6.5
	43	6165	3.5	3.5	3.5	3.5	6.5
	51	6205	3.5	3.5	3.5	3.5	6.5
	59	6245	3.5	3.5	3.5	3.5	6.5
	67	6285	3.5	3.5	3.5	3.5	6.5
	75	6325	3.5	3.5	3.5	3.5	6.5
	83	6365	3.5	3.5	3.5	3.5	6.5
802.11ax HE80	91	6405	3.5	3.5	3.5	3.5	6.5
	7	5985	6.5	6.5	6.5	6.5	9.5
	23	6065	6.5	6.5	6.5	6.5	9.5
	39	6145	6.5	6.5	6.5	6.5	9.5
	55	6225	6.5	6.5	6.5	6.5	9.5
	71	6305	6.5	6.5	6.5	6.5	9.5
802.11ax HE160	87	6385	6.5	6.5	6.5	6.5	9.5
	15	6025	9.0	9.0	9.0	9.0	12.0
	47	6185	9.0	9.0	9.0	9.0	12.0
	79	6345	9.5	9.5	9.5	9.5	12.5

Tune-up Power (Full)_MT7922A22M							
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
802.11a	97	6435	1.0	1.0	1.0	1.0	4.0
	101	6455	1.0	1.0	1.0	1.0	4.0
	105	6475	1.0	1.0	1.0	1.0	4.0
	109	6495	1.0	1.0	1.0	1.0	4.0
	113	6515	1.0	1.0	1.0	1.0	4.0
	117	6535	0.5	0.5	0.5	0.5	3.5
802.11ax HE20	97	6435	1.5	1.5	1.5	1.5	4.5
	101	6455	2.0	2.0	2.0	2.0	5.0
	105	6475	2.0	2.0	2.0	2.0	5.0
	109	6495	2.0	2.0	2.0	2.0	5.0
	113	6515	2.0	2.0	2.0	2.0	5.0
	117	6535	1.0	1.0	1.0	1.0	4.0
802.11ax HE40	99	6445	3.5	3.5	3.5	3.5	6.5
	107	6485	4.0	4.0	4.0	4.0	7.0
	115	6525	3.5	3.5	3.5	3.5	6.5
802.11ax HE80	103	6465	7.0	7.0	7.0	7.0	10.0
	119	6545	7.0	7.0	7.0	7.0	10.0
802.11ax HE160	111	6505	9.5	9.5	9.5	9.5	12.5

Tune-up Power (Full)_MT7922A22M							
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
802.11a	121	6555	0.5	0.5	0.5	0.5	3.5
	125	6575	0.5	0.5	0.5	0.5	3.5
	129	6595	0.5	0.5	0.5	0.5	3.5
	133	6615	0.5	0.5	0.5	0.5	3.5
	137	6635	0.5	0.5	0.5	0.5	3.5
	141	6655	0.5	0.5	0.5	0.5	3.5
	145	6675	0.5	0.5	0.5	0.5	3.5
	149	6695	0.5	0.5	0.5	0.5	3.5
	153	6715	0.5	0.5	0.5	0.5	3.5
	157	6735	0.5	0.5	0.5	0.5	3.5
	161	6755	0.5	0.5	0.5	0.5	3.5
	165	6775	0.5	0.5	0.5	0.5	3.5
	169	6795	0.5	0.5	0.5	0.5	3.5
	173	6815	0.5	0.5	0.5	0.5	3.5
	177	6835	0.5	0.5	0.5	0.5	3.5
	181	6855	0.5	0.5	0.5	0.5	3.5
	185	6875	1.0	1.0	1.0	1.0	4.0
802.11ax HE20	121	6555	1.0	1.0	1.0	1.0	4.0
	125	6575	1.0	1.0	1.0	1.0	4.0
	129	6595	1.0	1.0	1.0	1.0	4.0
	133	6615	1.0	1.0	1.0	1.0	4.0
	137	6635	1.0	1.0	1.0	1.0	4.0
	141	6655	1.0	1.0	1.0	1.0	4.0
	145	6675	1.0	1.0	1.0	1.0	4.0
	149	6695	1.0	1.0	1.0	1.0	4.0
	153	6715	1.0	1.0	1.0	1.0	4.0
	157	6735	1.0	1.0	1.0	1.0	4.0
	161	6755	1.0	1.0	1.0	1.0	4.0
	165	6775	1.0	1.0	1.0	1.0	4.0
	169	6795	1.0	1.0	1.0	1.0	4.0
	173	6815	1.0	1.0	1.0	1.0	4.0
	177	6835	1.0	1.0	1.0	1.0	4.0
	181	6855	1.0	1.0	1.0	1.0	4.0
	185	6875	1.5	1.5	1.5	1.5	4.5
802.11ax HE40	123	6565	3.5	3.5	3.5	3.5	6.5
	131	6605	3.5	3.5	3.5	3.5	6.5
	139	6645	3.5	3.5	3.5	3.5	6.5
	147	6685	3.5	3.5	3.5	3.5	6.5
	155	6725	3.0	3.0	3.0	3.0	6.0
	163	6765	3.0	3.0	3.0	3.0	6.0
	171	6805	3.0	3.0	3.0	3.0	6.0
	179	6845	3.0	3.0	3.0	3.0	6.0
	187	6885	4.0	4.0	4.0	4.0	7.0
802.11ax HE80	135	6625	7.0	7.0	7.0	7.0	10.0
	151	6705	6.0	6.0	6.0	6.0	9.0
	167	6785	6.0	6.0	6.0	6.0	9.0
	183	6865	7.0	7.0	7.0	7.0	10.0
802.11ax HE160	143	6665	9.5	9.5	9.5	9.5	12.5
	175	6825	9.0	9.0	9.0	9.0	12.0

Tune-up Power (Full)_MT7922A22M							
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
802.11a	189	6895	1.0	1.0	1.0	1.0	4.0
	193	6915	1.0	1.0	1.0	1.0	4.0
	197	6935	1.0	1.0	1.0	1.0	4.0
	201	6955	1.0	1.0	1.0	1.0	4.0
	205	6975	1.0	1.0	1.0	1.0	4.0
	209	6995	1.0	1.0	1.0	1.0	4.0
	213	7015	1.0	1.0	1.0	1.0	4.0
	217	7035	1.0	1.0	1.0	1.0	4.0
	221	7055	1.0	1.0	1.0	1.0	4.0
	225	7075	1.0	1.0	1.0	1.0	4.0
	229	7095	1.0	1.0	1.0	1.0	4.0
	233	7115	1.0	1.0	1.0	1.0	4.0
802.11ax HE20	189	6895	2.0	2.0	2.0	2.0	5.0
	193	6915	2.0	2.0	2.0	2.0	5.0
	197	6935	2.0	2.0	2.0	2.0	5.0
	201	6955	2.0	2.0	2.0	2.0	5.0
	205	6975	2.0	2.0	2.0	2.0	5.0
	209	6995	2.0	2.0	2.0	2.0	5.0
	213	7015	2.0	2.0	2.0	2.0	5.0
	217	7035	2.0	2.0	2.0	2.0	5.0
	221	7055	2.0	2.0	2.0	2.0	5.0
	225	7075	2.0	2.0	2.0	2.0	5.0
	229	7095	2.0	2.0	2.0	2.0	5.0
	233	7115	2.0	2.0	2.0	2.0	5.0
802.11ax HE40	195	6925	4.0	4.0	4.0	4.0	7.0
	203	6965	4.0	4.0	4.0	4.0	7.0
	211	7005	4.0	4.0	4.0	4.0	7.0
	219	7045	4.0	4.0	4.0	4.0	7.0
	227	7085	4.0	4.0	4.0	4.0	7.0
802.11ax HE80	199	6945	7.0	7.0	7.0	7.0	10.0
	215	7025	7.0	7.0	7.0	7.0	10.0
802.11ax HE160	207	6985	10.0	10.0	10.0	10.0	13.0

Appendix E. Measured Conducted Power Result

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

Conducted Power (Full)_MT7922A22M			
WLAN2.4GHz Ant 0			
Mode	Channel	Frequency	SISO Ant 0 Avg. Power
802.11b	1	2412	21.36
	6	2437	21.32
	11	2462	19.79
	12	2467	18.81
	13	2472	16.62
802.11g	1	2412	17.71
	6	2437	20.32
	11	2462	17.78
	12	2467	14.25
	13	2472	11.26
802.11n HT20	1	2412	17.28
	6	2437	19.81
	11	2462	17.25
	12	2467	13.79
	13	2472	9.21
802.11n HT40	3	2422	14.78
	6	2437	17.73
	9	2452	14.78
	10	2457	12.23
	11	2462	9.73
802.11ac VHT20	1	2412	17.25
	6	2437	19.71
	11	2462	17.28
	12	2467	13.78
	13	2472	9.24
802.11ac VHT40	3	2422	14.77
	6	2437	17.75
	9	2452	14.74
	10	2457	12.28
	11	2462	9.72
802.11ax HE20	1	2412	17.27
	6	2437	20.25
	11	2462	17.23
	12	2467	14.21
	13	2472	9.79
802.11ax HE40	3	2422	14.75
	6	2437	17.79
	9	2452	14.76
	10	2457	12.77
	11	2462	10.28

Conducted Power (Full)_MT7922A22M			
WLAN2.4GHz Ant 1			
Mode	Channel	Frequency	SISO Ant 1 Avg. Power
802.11b	1	2412	21.35
	6	2437	21.29
	11	2462	19.95
	12	2467	18.83
	13	2472	16.85
802.11g	1	2412	17.85
	6	2437	20.31
	11	2462	17.79
	12	2467	14.34
	13	2472	11.29
802.11n HT20	1	2412	17.33
	6	2437	19.77
	11	2462	17.35
	12	2467	13.78
	13	2472	9.34
802.11n HT40	3	2422	14.82
	6	2437	17.84
	9	2452	14.74
	10	2457	12.26
	11	2462	9.74
802.11ac VHT20	1	2412	17.24
	6	2437	19.82
	11	2462	17.26
	12	2467	13.74
	13	2472	9.31
802.11ac VHT40	3	2422	14.74
	6	2437	17.76
	9	2452	14.78
	10	2457	12.27
	11	2462	9.83
802.11ax HE20	1	2412	17.32
	6	2437	20.29
	11	2462	17.27
	12	2467	14.31
	13	2472	9.77
802.11ax HE40	3	2422	14.83
	6	2437	17.81
	9	2452	14.78
	10	2457	12.85
	11	2462	10.26

Conducted Power (Full)_MT7922A22M			
WLAN2.4GHz Ant 0+1			
Mode	Channel	Frequency	MIMO Ant 0+1 Avg. Power
802.11b	1	2412	24.10
	6	2437	24.02
	11	2462	22.92
	12	2467	21.77
	13	2472	19.78
802.11g	1	2412	20.37
	6	2437	22.89
	11	2462	20.36
	12	2467	16.84
	13	2472	13.83
802.11n HT20	1	2412	19.84
	6	2437	22.38
	11	2462	19.85
	12	2467	16.33
	13	2472	11.86
802.11n HT40	3	2422	17.32
	6	2437	20.39
	9	2452	17.38
	10	2457	14.86
	11	2462	12.35
802.11ac VHT20	1	2412	19.85
	6	2437	22.38
	11	2462	19.85
	12	2467	16.34
	13	2472	11.87
802.11ac VHT40	3	2422	17.33
	6	2437	20.40
	9	2452	17.37
	10	2457	14.84
	11	2462	12.39
802.11ax HE20	1	2412	19.88
	6	2437	22.86
	11	2462	19.81
	12	2467	16.87
	13	2472	12.38
802.11ax HE40	3	2422	17.37
	6	2437	20.35
	9	2452	17.36
	10	2457	15.34
	11	2462	12.86

Conducted Power (Full)_MT7922A22M			
Bluetooth Ant 1			
Mode	Channel	Frequency	SISO Ant 1 Avg. Power
BR / EDR	0	2402	12.11
	39	2441	12.13
	78	2480	11.77
LE	0	2402	11.88
	19	2440	11.92
	39	2480	11.55

Conducted Power (Full)_MT7922A22M			
WLAN 5.2GHz Ant 0			
Mode	Channel	Frequency	SISO Ant 0 Avg. Power
802.11a	36	5180	18.91
	40	5200	18.88
	44	5220	18.87
	48	5240	18.93
802.11n HT20	36	5180	18.49
	40	5200	19.46
	44	5220	19.47
	48	5240	19.45
802.11n HT40	38	5190	16.91
	46	5230	18.87
802.11ac VHT20	36	5180	18.35
	40	5200	19.32
	44	5220	19.36
	48	5240	19.32
802.11ac VHT40	38	5190	16.85
	46	5230	18.88
802.11ac VHT80	42	5210	13.82
802.11ax HE20	36	5180	18.37
	40	5200	19.38
	44	5220	19.39
	48	5240	19.31
802.11ax HE40	38	5190	16.86
	46	5230	19.37
802.11ax HE80	42	5210	13.81

Conducted Power (Full)_MT7922A22M			
WLAN 5.2GHz Ant 1			
Mode	Channel	Frequency	SISO Ant 1 Avg. Power
802.11a	36	5180	18.79
	40	5200	18.83
	44	5220	18.78
	48	5240	18.83
802.11n HT20	36	5180	18.48
	40	5200	19.42
	44	5220	19.39
	48	5240	19.48
802.11n HT40	38	5190	16.84
	46	5230	18.85
802.11ac VHT20	36	5180	18.38
	40	5200	19.28
	44	5220	19.35
	48	5240	19.29
802.11ac VHT40	38	5190	16.87
	46	5230	18.85
802.11ac VHT80	42	5210	13.79
802.11ax HE20	36	5180	18.28
	40	5200	19.34
	44	5220	19.31
	48	5240	19.35
802.11ax HE40	38	5190	16.78
	46	5230	19.28
802.11ax HE80	42	5210	13.82

Conducted Power (Full)_MT7922A22M			
WLAN 5.2GHz Ant 0+1			
Mode	Channel	Frequency	MIMO Ant 0+1 Avg. Power
802.11a	36	5180	21.63
	40	5200	21.66
	44	5220	21.59
	48	5240	21.6
802.11n HT20	36	5180	21.42
	40	5200	22.07
	44	5220	22.23
	48	5240	22.31
802.11n HT40	38	5190	19.63
	46	5230	21.59
802.11ac VHT20	36	5180	21.15
	40	5200	22.15
	44	5220	22.06
	48	5240	22.08
802.11ac VHT40	38	5190	19.64
	46	5230	21.6
802.11ac VHT80	42	5210	16.61
802.11ax HE20	36	5180	21.14
	40	5200	22.15
	44	5220	22.11
	48	5240	22.12
802.11ax HE40	38	5190	19.63
	46	5230	22.11
802.11ax HE80	42	5210	16.64

Conducted Power (Full)_MT7922A22M			
WLAN 5.3GHz Ant 0			
Mode	Channel	Frequency	SISO Ant 0 Avg. Power
802.11a	52	5260	18.81
	56	5280	18.85
	60	5300	18.35
	64	5320	18.33
802.11n HT20	52	5260	19.32
	56	5280	19.35
	60	5300	18.86
	64	5320	18.87
802.11n HT40	54	5270	19.49
	62	5310	16.46
802.11ac VHT20	52	5260	19.36
	56	5280	19.31
	60	5300	18.83
	64	5320	18.91
802.11ac VHT40	54	5270	19.31
	62	5310	16.33
802.11ac VHT80	58	5290	14.83
802.11ac VHT160	50	5250	14.89
802.11ax HE20	52	5260	19.35
	56	5280	19.32
	60	5300	19.36
	64	5320	19.33
802.11ax HE40	54	5270	19.38
	62	5310	16.34
802.11ax HE80	58	5290	14.87
802.11ax HE160	50	5250	14.86

Conducted Power (Full)_MT7922A22M			
WLAN 5.3GHz Ant 1			
Mode	Channel	Frequency	SISO Ant 1 Avg. Power
802.11a	52	5260	18.83
	56	5280	18.78
	60	5300	18.31
	64	5320	18.36
802.11n HT20	52	5260	19.37
	56	5280	19.28
	60	5300	18.85
	64	5320	18.79
802.11n HT40	54	5270	19.49
	62	5310	16.35
802.11ac VHT20	52	5260	19.34
	56	5280	19.33
	60	5300	18.87
	64	5320	18.82
802.11ac VHT40	54	5270	19.31
	62	5310	16.38
802.11ac VHT80	58	5290	14.78
802.11ac VHT160	50	5250	14.82
802.11ax HE20	52	5260	19.36
	56	5280	19.31
	60	5300	19.29
	64	5320	19.34
802.11ax HE40	54	5270	19.31
	62	5310	16.34
802.11ax HE80	58	5290	14.85
802.11ax HE160	50	5250	14.79

Conducted Power (Full)_MT7922A22M			
WLAN 5.3GHz Ant 0+1			
Mode	Channel	Frequency	MIMO Ant 0+1 Avg. Power
802.11a	52	5260	21.75
	56	5280	21.76
	60	5300	21.27
	64	5320	21.26
802.11n HT20	52	5260	22.29
	56	5280	22.27
	60	5300	21.77
	64	5320	21.73
802.11n HT40	54	5270	22.41
	62	5310	19.2
802.11ac VHT20	52	5260	22.25
	56	5280	22.23
	60	5300	21.79
	64	5320	21.77
802.11ac VHT40	54	5270	22.25
	62	5310	19.33
802.11ac VHT80	58	5290	17.74
802.11ac VHT160	50	5250	17.79
802.11ax HE20	52	5260	22.28
	56	5280	22.3
	60	5300	22.28
	64	5320	22.27
802.11ax HE40	54	5270	22.3
	62	5310	19.26
802.11ax HE80	58	5290	17.78
802.11ax HE160	50	5250	17.77

Conducted Power (Full)_MT7922A22M			
WLAN 5.6GHz Ant 0			
Mode	Channel	Frequency	SISO Ant 0 Avg. Power
802.11a	100	5500	18.84
	116	5580	18.86
	120	5600	18.88
	124	5620	18.82
	132	5660	18.84
	140	5700	18.88
	144	5720	17.89
802.11n HT20	100	5500	17.91
	116	5580	19.39
	120	5600	19.35
	124	5620	19.31
	132	5660	19.38
	140	5700	15.88
	144	5720	18.81
802.11n HT40	102	5510	16.34
	110	5550	18.99
	118	5590	18.97
	126	5630	18.95
	134	5670	17.96
	142	5710	19.92
802.11ac VHT20	100	5500	17.87
	116	5580	19.32
	120	5600	19.35
	124	5620	19.37
	132	5660	19.42
	140	5700	15.91
	144	5720	18.89
802.11ac VHT40	102	5510	16.41
	110	5550	18.88
	118	5590	18.81
	126	5630	18.91
	134	5670	17.83
	142	5710	19.85
802.11ac VHT80	106	5530	16.34
	122	5610	17.83
	138	5690	18.88
802.11ac VHT160	114	5570	12.83
802.11ax HE20	100	5500	18.36
	116	5580	19.42
	120	5600	19.39
	124	5620	19.35
	132	5660	19.33
	140	5700	15.86
	144	5720	18.87
802.11ax HE40	102	5510	16.41
	110	5550	18.89
	118	5590	18.86
	126	5630	18.83
	134	5670	17.87
	142	5710	19.83
802.11ax HE80	106	5530	16.49
	122	5610	17.85
	138	5690	18.82
802.11ax HE160	114	5570	13.39

Conducted Power (Full)_MT7922A22M			
WLAN 5.6GHz Ant 1			
Mode	Channel	Frequency	SISO Ant 1 Avg. Power
802.11a	100	5500	18.84
	116	5580	18.89
	120	5600	18.86
	124	5620	18.84
	132	5660	18.81
	140	5700	18.82
	144	5720	17.87
802.11n HT20	100	5500	17.82
	116	5580	19.34
	120	5600	19.37
	124	5620	19.28
	132	5660	19.35
	140	5700	15.84
	144	5720	18.82
802.11n HT40	102	5510	16.32
	110	5550	18.91
	118	5590	18.65
	126	5630	18.88
	134	5670	17.91
	142	5710	19.97
802.11ac VHT20	100	5500	17.82
	116	5580	19.29
	120	5600	19.28
	124	5620	19.38
	132	5660	19.34
	140	5700	15.81
	144	5720	18.79
802.11ac VHT40	102	5510	16.31
	110	5550	18.88
	118	5590	18.83
	126	5630	18.85
	134	5670	17.84
	142	5710	19.81
802.11ac VHT80	106	5530	16.37
	122	5610	17.78
	138	5690	18.88
802.11ac VHT160	114	5570	12.81
802.11ax HE20	100	5500	18.32
	116	5580	19.35
	120	5600	19.38
	124	5620	19.34
	132	5660	19.29
	140	5700	15.79
	144	5720	18.78
802.11ax HE40	102	5510	16.32
	110	5550	18.84
	118	5590	18.82
	126	5630	18.86
	134	5670	17.86
	142	5710	19.81
802.11ax HE80	106	5530	16.31
	122	5610	17.82
	138	5690	18.85
802.11ax HE160	114	5570	13.31

Conducted Power (Full)_MT7922A22M			
WLAN 5.6GHz Ant 0+1			
Mode	Channel	Frequency	MIMO Ant 0+1 Avg. Power
802.11a	100	5500	21.73
	116	5580	21.69
	120	5600	21.74
	124	5620	21.76
	132	5660	21.66
	140	5700	21.69
	144	5720	20.72
802.11n HT20	100	5500	20.69
	116	5580	22.27
	120	5600	22.21
	124	5620	22.2
	132	5660	22.18
	140	5700	18.68
	144	5720	21.72
802.11n HT40	102	5510	19.16
	110	5550	21.76
	118	5590	21.64
	126	5630	21.71
	134	5670	20.75
	142	5710	22.83
802.11ac VHT20	100	5500	20.7
	116	5580	22.24
	120	5600	22.27
	124	5620	22.23
	132	5660	22.2
	140	5700	18.73
	144	5720	21.69
802.11ac VHT40	102	5510	19.23
	110	5550	21.74
	118	5590	21.72
	126	5630	21.74
	134	5670	20.75
	142	5710	22.67
802.11ac VHT80	106	5530	19.23
	122	5610	20.67
	138	5690	21.72
802.11ac VHT160	114	5570	15.69
802.11ax HE20	100	5500	21.25
	116	5580	22.2
	120	5600	22.2
	124	5620	22.17
	132	5660	22.22
	140	5700	18.71
	144	5720	21.71
802.11ax HE40	102	5510	19.2
	110	5550	21.73
	118	5590	21.73
	126	5630	21.76
	134	5670	20.71
	142	5710	22.75
802.11ax HE80	106	5530	19.26
	122	5610	20.71
	138	5690	21.72
802.11ax HE160	114	5570	16.24

Conducted Power (Full)_MT7922A22M			
WLAN 5.8GHz Ant 0			
Mode	Channel	Frequency	SISO Ant 0 Avg. Power
802.11a	149	5745	20.45
	153	5765	20.34
	157	5785	20.29
	161	5805	20.97
	165	5825	20.95
802.11n HT20	149	5745	19.85
	153	5765	19.95
	157	5785	19.39
	161	5805	19.35
	165	5825	19.32
802.11n HT40	151	5755	19.37
	159	5795	19.39
802.11ac VHT20	149	5745	19.89
	153	5765	19.84
	157	5785	19.39
	161	5805	19.41
	165	5825	19.45
802.11ac VHT40	151	5755	19.34
	159	5795	19.37
802.11ac VHT80	155	5775	17.34
802.11ax HE20	149	5745	19.83
	153	5765	19.87
	157	5785	19.81
	161	5805	19.83
	165	5825	19.85
802.11ax HE40	151	5755	19.31
	159	5795	19.86
802.11ax HE80	155	5775	17.36

Conducted Power (Full)_MT7922A22M			
WLAN 5.8GHz Ant 1			
Mode	Channel	Frequency	SISO Ant 1 Avg. Power
802.11a	149	5745	20.23
	153	5765	20.35
	157	5785	20.48
	161	5805	20.96
	165	5825	20.94
802.11n HT20	149	5745	19.84
	153	5765	19.86
	157	5785	19.35
	161	5805	19.38
	165	5825	19.28
802.11n HT40	151	5755	19.32
	159	5795	19.34
802.11ac VHT20	149	5745	19.82
	153	5765	19.86
	157	5785	19.37
	161	5805	19.28
	165	5825	19.35
802.11ac VHT40	151	5755	19.31
	159	5795	19.36
802.11ac VHT80	155	5775	17.38
802.11ax HE20	149	5745	19.88
	153	5765	19.85
	157	5785	19.84
	161	5805	19.82
	165	5825	19.81
802.11ax HE40	151	5755	19.34
	159	5795	19.86
802.11ax HE80	155	5775	17.29

Conducted Power (Full)_MT7922A22M			
WLAN 5.8GHz Ant 0+1			
Mode	Channel	Frequency	MIMO Ant 0+1 Avg. Power
802.11a	149	5745	23.14
	153	5765	23.33
	157	5785	23.22
	161	5805	23.79
	165	5825	23.73
802.11n HT20	149	5745	22.6
	153	5765	22.61
	157	5785	22.13
	161	5805	22.13
	165	5825	22.12
802.11n HT40	151	5755	22.11
	159	5795	22.15
802.11ac VHT20	149	5745	22.59
	153	5765	22.59
	157	5785	22.13
	161	5805	22.12
	165	5825	22.15
802.11ac VHT40	151	5755	22.13
	159	5795	22.12
802.11ac VHT80	155	5775	20.11
802.11ax HE20	149	5745	22.67
	153	5765	22.63
	157	5785	22.59
	161	5805	22.6
	165	5825	22.59
802.11ax HE40	151	5755	22.11
	159	5795	22.6
802.11ax HE80	155	5775	20.19

Conducted Power (Full)_MT7922A22M			
WLAN 5.9GHz Ant 0			
Mode	Channel	Frequency	SISO Ant 0 Avg. Power
802.11a	169	5845	13.86
	173	5865	13.88
	177	5885	13.83
802.11n HT20	169	5845	14.41
	173	5865	14.36
	177	5885	14.37
802.11n HT40	167	5835	16.35
	175	5875	16.31
802.11ac VHT20	169	5845	14.38
	173	5865	14.31
	177	5885	14.46
802.11ac VHT40	167	5835	16.41
	175	5875	16.37
802.11ac VHT80	171	5855	19.46
802.11ac VHT160	163	5815	14.83
802.11ax HE20	169	5845	14.35
	173	5865	14.43
	177	5885	14.34
802.11ax HE40	167	5835	16.86
	175	5875	16.88
802.11ax HE80	171	5855	19.31
802.11ax HE160	163	5815	15.35

Conducted Power (Full)_MT7922A22M			
WLAN 5.9GHz Ant 1			
Mode	Channel	Frequency	SISO Ant 1 Avg. Power
802.11a	169	5845	13.66
	173	5865	13.66
	177	5885	13.62
802.11n HT20	169	5845	14.15
	173	5865	14.16
	177	5885	14.16
802.11n HT40	167	5835	16.11
	175	5875	16.18
802.11ac VHT20	169	5845	14.19
	173	5865	14.16
	177	5885	14.13
802.11ac VHT40	167	5835	16.11
	175	5875	16.15
802.11ac VHT80	171	5855	19.26
802.11ac VHT160	163	5815	14.61
802.11ax HE20	169	5845	14.19
	173	5865	14.15
	177	5885	14.17
802.11ax HE40	167	5835	16.65
	175	5875	16.67
802.11ax HE80	171	5855	19.12
802.11ax HE160	163	5815	15.15

Conducted Power (Full)_MT7922A22M			
WLAN 5.9GHz Ant 0+1			
Mode	Channel	Frequency	MIMO Ant 0+1 Avg. Power
802.11a	169	5845	16.52
	173	5865	16.54
	177	5885	16.54
802.11n HT20	169	5845	16.95
	173	5865	17.02
	177	5885	17.01
802.11n HT40	167	5835	19.02
	175	5875	19.03
802.11ac VHT20	169	5845	16.99
	173	5865	17.01
	177	5885	16.98
802.11ac VHT40	167	5835	19.01
	175	5875	19
802.11ac VHT80	171	5855	22.1
802.11ac VHT160	163	5815	17.51
802.11ax HE20	169	5845	16.99
	173	5865	17.02
	177	5885	17.03
802.11ax HE40	167	5835	19.52
	175	5875	19.51
802.11ax HE80	171	5855	22.06
802.11ax HE160	163	5815	18.01

Conducted Power (Full)_MT7922A22M			
UNII-5 Ant 0			
Mode	Channel	Frequency	SISO Ant 0 Avg. Power
802.11a	1	5955	0.36
	5	5975	0.33
	9	5995	0.41
	13	6015	0.35
	17	6035	0.36
	21	6055	0.33
	25	6075	0.31
	29	6095	0.32
	33	6115	0.32
	37	6135	0.36
	41	6155	0.37
	45	6175	0.33
	49	6195	0.43
	53	6215	0.37
	57	6235	0.41
	61	6255	0.37
	65	6275	0.45
	69	6295	0.31
	73	6315	0.36
	77	6335	0.33
802.11ax HE20	81	6355	0.41
	85	6375	0.34
	89	6395	0.41
	93	6415	0.36
	1	5955	0.82
	5	5975	0.92
	9	5995	0.89
	13	6015	0.87
	17	6035	0.95
	21	6055	0.83
	25	6075	0.84
	29	6095	0.89
	33	6115	0.86
	37	6135	0.84
	41	6155	0.81
	45	6175	0.89
	49	6195	0.81
	53	6215	0.92
	57	6235	0.87
	61	6255	0.81
	65	6275	0.91
	69	6295	0.84
	73	6315	0.86
	77	6335	0.83
	81	6355	0.87
	85	6375	0.88
	89	6395	0.89
	93	6415	0.86

Conducted Power (Full)_MT7922A22M			
UNII-5 Ant 0			
Mode	Channel	Frequency	SISO Ant 0 Avg. Power
802.11ax HE40	3	5965	3.38
	11	6005	3.36
	19	6045	3.31
	27	6085	3.37
	35	6125	3.35
	43	6165	3.42
	51	6205	3.39
	59	6245	3.31
	67	6285	3.32
	75	6325	3.36
	83	6365	3.33
	91	6405	3.41
802.11ax HE80	7	5985	6.32
	23	6065	6.33
	39	6145	6.35
	55	6225	6.31
	71	6305	6.34
	87	6385	6.39
802.11ax HE160	15	6025	8.92
	47	6185	8.98
	79	6345	9.24

Conducted Power (Full)_MT7922A22M			
UNII-5 Ant 1			
Mode	Channel	Frequency	SISO Ant 1 Avg. Power
802.11a	1	5955	0.39
	5	5975	0.37
	9	5995	0.41
	13	6015	0.45
	17	6035	0.34
	21	6055	0.31
	25	6075	0.43
	29	6095	0.32
	33	6115	0.41
	37	6135	0.31
	41	6155	0.33
	45	6175	0.41
	49	6195	0.42
	53	6215	0.33
	57	6235	0.35
	61	6255	0.34
	65	6275	0.36
	69	6295	0.35
	73	6315	0.41
	77	6335	0.35
	81	6355	0.36
	85	6375	0.39
	89	6395	0.33
	93	6415	0.34
802.11ax HE20	1	5955	0.87
	5	5975	0.84
	9	5995	0.87
	13	6015	0.81
	17	6035	0.91
	21	6055	0.88
	25	6075	0.81
	29	6095	0.83
	33	6115	0.91
	37	6135	0.83
	41	6155	0.92
	45	6175	0.89
	49	6195	0.83
	53	6215	0.91
	57	6235	0.88
	61	6255	0.85
	65	6275	0.91
	69	6295	0.81
	73	6315	0.83
	77	6335	0.81
	81	6355	0.86
	85	6375	0.81
	89	6395	0.89
	93	6415	0.88

Conducted Power (Full)_MT7922A22M			
UNII-5 Ant 1			
Mode	Channel	Frequency	SISO Ant 1 Avg. Power
802.11ax HE40	3	5965	3.36
	11	6005	3.38
	19	6045	3.41
	27	6085	3.38
	35	6125	3.36
	43	6165	3.32
	51	6205	3.34
	59	6245	3.31
	67	6285	3.39
	75	6325	3.41
	83	6365	3.36
	91	6405	3.31
802.11ax HE80	7	5985	6.39
	23	6065	6.33
	39	6145	6.35
	55	6225	6.36
	71	6305	6.37
	87	6385	6.34
802.11ax HE160	15	6025	8.84
	47	6185	8.77
	79	6345	9.45

Conducted Power (Full)_MT7922A22M			
UNII-5 Ant 0+1			
Mode	Channel	Frequency	MIMO Ant 0+1 Avg. Power
802.11a	1	5955	3.38
	5	5975	3.39
	9	5995	3.37
	13	6015	3.45
	17	6035	3.41
	21	6055	3.42
	25	6075	3.39
	29	6095	3.41
	33	6115	3.41
	37	6135	3.37
	41	6155	3.4
	45	6175	3.44
	49	6195	3.41
	53	6215	3.43
	57	6235	3.45
	61	6255	3.39
	65	6275	3.42
	69	6295	3.39
	73	6315	3.42
	77	6335	3.39
	81	6355	3.42
	85	6375	3.42
	89	6395	3.38
	93	6415	3.38
802.11ax HE20	1	5955	3.89
	5	5975	3.94
	9	5995	3.86
	13	6015	3.91
	17	6035	3.94
	21	6055	3.91
	25	6075	3.88
	29	6095	3.88
	33	6115	3.92
	37	6135	3.91
	41	6155	3.93
	45	6175	3.9
	49	6195	3.89
	53	6215	3.92
	57	6235	3.91
	61	6255	3.89
	65	6275	3.95
	69	6295	3.91
	73	6315	3.94
	77	6335	3.94
	81	6355	3.88
	85	6375	3.92
	89	6395	3.91
	93	6415	3.9

Conducted Power (Full)_MT7922A22M			
UNII-5 Ant 0+1			
Mode	Channel	Frequency	MIMO Ant 0+1 Avg. Power
802.11ax HE40	3	5965	6.37
	11	6005	6.37
	19	6045	6.37
	27	6085	6.37
	35	6125	6.37
	43	6165	6.35
	51	6205	6.38
	59	6245	6.39
	67	6285	6.34
	75	6325	6.34
	83	6365	6.38
	91	6405	6.38
802.11ax HE80	7	5985	9.35
	23	6065	9.41
	39	6145	9.41
	55	6225	9.42
	71	6305	9.35
	87	6385	9.4
802.11ax HE160	15	6025	11.57
	47	6185	11.39
	79	6345	11.86

Conducted Power (Full)_MT7922A22M			
UNII-6 Ant 0			
Mode	Channel	Frequency	SISO Ant 0 Avg. Power
802.11a	97	6435	0.81
	101	6455	0.85
	105	6475	0.81
	109	6495	0.82
	113	6515	0.89
	117	6535	0.39
802.11ax HE20	97	6435	1.41
	101	6455	1.88
	105	6475	1.85
	109	6495	1.84
	113	6515	1.82
	117	6535	0.83
802.11ax HE40	99	6445	3.38
	107	6485	3.85
	115	6525	3.35
802.11ax HE80	103	6465	6.87
	119	6545	6.83
802.11ax HE160	111	6505	9.48

Conducted Power (Full)_MT7922A22M			
UNII-6 Ant 1			
Mode	Channel	Frequency	SISO Ant 1 Avg. Power
802.11a	97	6435	0.83
	101	6455	0.82
	105	6475	0.88
	109	6495	0.91
	113	6515	0.82
	117	6535	0.38
802.11ax HE20	97	6435	1.32
	101	6455	1.84
	105	6475	1.86
	109	6495	1.91
	113	6515	1.96
	117	6535	0.81
802.11ax HE40	99	6445	3.36
	107	6485	3.88
	115	6525	3.35
802.11ax HE80	103	6465	6.84
	119	6545	6.89
802.11ax HE160	111	6505	9.42

Conducted Power (Full)_MT7922A22M			
UNII-6 Ant 0+1			
Mode	Channel	Frequency	MIMO Ant 0+1 Avg. Power
802.11a	97	6435	3.89
	101	6455	3.9
	105	6475	3.83
	109	6495	3.87
	113	6515	3.87
	117	6535	3.38
802.11ax HE20	97	6435	4.4
	101	6455	4.9
	105	6475	4.87
	109	6495	4.86
	113	6515	4.83
	117	6535	3.87
802.11ax HE40	99	6445	6.36
	107	6485	6.87
	115	6525	6.39
802.11ax HE80	103	6465	9.88
	119	6545	9.87
802.11ax HE160	111	6505	11.87

Conducted Power (Full)_MT7922A22M			
UNII-7 Ant 0			
Mode	Channel	Frequency	SISO Ant 0 Avg. Power
802.11a	121	6555	0.36
	125	6575	0.48
	129	6595	0.31
	133	6615	0.35
	137	6635	0.34
	141	6655	0.37
	145	6675	0.35
	149	6695	0.33
	153	6715	0.41
	157	6735	0.32
	161	6755	0.41
	165	6775	0.43
	169	6795	0.34
	173	6815	0.39
	177	6835	0.36
	181	6855	0.41
	185	6875	0.82
802.11ax HE20	121	6555	0.85
	125	6575	0.87
	129	6595	0.89
	133	6615	0.88
	137	6635	0.82
	141	6655	0.87
	145	6675	0.81
	149	6695	0.84
	153	6715	0.88
	157	6735	0.83
	161	6755	0.84
	165	6775	0.91
	169	6795	0.87
	173	6815	0.89
	177	6835	0.85
	181	6855	0.91
	185	6875	1.41
802.11ax HE40	123	6565	3.41
	131	6605	3.38
	139	6645	3.31
	147	6685	3.37
	155	6725	2.84
	163	6765	2.88
	171	6805	2.85
	179	6845	2.82
	187	6885	3.91
802.11ax HE80	135	6625	6.86
	151	6705	5.85
	167	6785	5.87
	183	6865	6.82
802.11ax HE160	143	6665	9.28
	175	6825	8.82

Conducted Power (Full)_MT7922A22M			
UNII-7 Ant 1			
Mode	Channel	Frequency	SISO Ant 1 Avg. Power
802.11a	121	6555	0.36
	125	6575	0.31
	129	6595	0.34
	133	6615	0.32
	137	6635	0.39
	141	6655	0.32
	145	6675	0.39
	149	6695	0.31
	153	6715	0.36
	157	6735	0.35
	161	6755	0.42
	165	6775	0.36
	169	6795	0.33
	173	6815	0.38
	177	6835	0.35
	181	6855	0.39
	185	6875	0.84
802.11ax HE20	121	6555	0.86
	125	6575	0.88
	129	6595	0.81
	133	6615	0.83
	137	6635	0.91
	141	6655	0.84
	145	6675	0.81
	149	6695	0.83
	153	6715	0.86
	157	6735	0.83
	161	6755	0.91
	165	6775	0.89
	169	6795	0.82
	173	6815	0.87
	177	6835	0.84
	181	6855	0.82
	185	6875	1.32
802.11ax HE40	123	6565	3.38
	131	6605	3.31
	139	6645	3.35
	147	6685	3.39
	155	6725	2.91
	163	6765	2.92
	171	6805	2.89
	179	6845	2.84
	187	6885	3.84
802.11ax HE80	135	6625	6.86
	151	6705	5.82
	167	6785	5.83
	183	6865	6.83
802.11ax HE160	143	6665	9.41
	175	6825	8.95

Conducted Power (Full)_MT7922A22M			
UNII-7 Ant 0+1			
Mode	Channel	Frequency	MIMO Ant 0+1 Avg. Power
802.11a	121	6555	3.31
	125	6575	3.31
	129	6595	3.34
	133	6615	3.29
	137	6635	3.34
	141	6655	3.33
	145	6675	3.34
	149	6695	3.27
	153	6715	3.32
	157	6735	3.33
	161	6755	3.31
	165	6775	3.31
	169	6795	3.32
	173	6815	3.31
	177	6835	3.29
	181	6855	3.33
	185	6875	3.79
802.11ax HE20	121	6555	3.82
	125	6575	3.8
	129	6595	3.81
	133	6615	3.8
	137	6635	3.82
	141	6655	3.79
	145	6675	3.83
	149	6695	3.81
	153	6715	3.8
	157	6735	3.82
	161	6755	3.76
	165	6775	3.81
	169	6795	3.76
	173	6815	3.85
	177	6835	3.82
	181	6855	3.78
	185	6875	4.36
802.11ax HE40	123	6565	6.35
	131	6605	6.35
	139	6645	6.31
	147	6685	6.32
	155	6725	5.78
	163	6765	5.84
	171	6805	5.84
	179	6845	5.84
	187	6885	6.81
802.11ax HE80	135	6625	9.84
	151	6705	8.82
	167	6785	8.83
	183	6865	9.79
802.11ax HE160	143	6665	12.19
	175	6825	11.76

Conducted Power (Full)_MT7922A22M			
UNII-8 Ant 0			
Mode	Channel	Frequency	SISO Ant 0 Avg. Power
802.11a	189	6895	0.89
	193	6915	0.91
	197	6935	0.81
	201	6955	0.86
	205	6975	0.84
	209	6995	0.83
	213	7015	0.81
	217	7035	0.85
	221	7055	0.87
	225	7075	0.89
	229	7095	0.81
	233	7115	0.83
802.11ax HE20	189	6895	1.81
	193	6915	1.88
	197	6935	1.84
	201	6955	1.87
	205	6975	1.86
	209	6995	1.83
	213	7015	1.91
	217	7035	1.81
	221	7055	1.86
	225	7075	1.88
	229	7095	1.85
	233	7115	1.86
802.11ax HE40	195	6925	3.81
	203	6965	3.88
	211	7005	3.82
	219	7045	3.84
	227	7085	3.87
802.11ax HE80	199	6945	6.88
	215	7025	6.83
802.11ax HE160	207	6985	9.95

Conducted Power (Full)_MT7922A22M			
UNII-8 Ant 1			
Mode	Channel	Frequency	SISO Ant 1 Avg. Power
802.11a	189	6895	0.89
	193	6915	0.91
	197	6935	0.83
	201	6955	0.89
	205	6975	0.92
	209	6995	0.83
	213	7015	0.87
	217	7035	0.86
	221	7055	0.81
	225	7075	0.88
	229	7095	0.83
	233	7115	0.84
802.11ax HE20	189	6895	1.91
	193	6915	1.85
	197	6935	1.88
	201	6955	1.87
	205	6975	1.93
	209	6995	1.91
	213	7015	1.87
	217	7035	1.84
	221	7055	1.86
	225	7075	1.88
	229	7095	1.82
	233	7115	1.85
802.11ax HE40	195	6925	3.92
	203	6965	3.89
	211	7005	3.94
	219	7045	3.87
	227	7085	3.97
802.11ax HE80	199	6945	6.82
	215	7025	6.86
802.11ax HE160	207	6985	9.91

Conducted Power (Full)_MT7922A22M			
UNII-8 Ant 0+1			
Mode	Channel	Frequency	MIMO Ant 0+1 Avg. Power
802.11a	189	6895	3.79
	193	6915	3.82
	197	6935	3.79
	201	6955	3.79
	205	6975	3.77
	209	6995	3.78
	213	7015	3.8
	217	7035	3.82
	221	7055	3.85
	225	7075	3.78
	229	7095	3.79
	233	7115	3.8
802.11ax HE20	189	6895	4.85
	193	6915	4.83
	197	6935	4.78
	201	6955	4.84
	205	6975	4.86
	209	6995	4.81
	213	7015	4.81
	217	7035	4.84
	221	7055	4.78
	225	7075	4.79
	229	7095	4.79
	233	7115	4.77
802.11ax HE40	195	6925	6.86
	203	6965	6.77
	211	7005	6.8
	219	7045	6.82
	227	7085	6.78
802.11ax HE80	199	6945	9.82
	215	7025	9.82
802.11ax HE160	207	6985	12.84

Appendix F. SAR and Incident Power Density Test Result

SAR Results for Body Exposure Condition.

Note:

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

Body SAR Test Result

System & Position						DUT Configuration	SAR							
Plot No.	Band	Mode	Test Position	Separation Distance (mm)	Channel	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)
MT7922A22M														
1	WLAN2.4G	802.11b	Bottom of Laptop	0	1	Ant0	100.00	1.00	21.50	21.36	1.03	0.14	0.086	0.09
	WLAN2.4G	802.11b	Bottom of Laptop	0	1	Ant1	100.00	1.00	21.50	21.35	1.04	0.07	0.163	0.17
	WLAN2.4G	802.11b	Bottom of Laptop	0	1	Ant0+1	100.00	1.00	24.50	24.10	1.10	0.09	0.176	0.19
	WLAN2.4G	802.11b	Bottom of Laptop	0	6	Ant0+1	100.00	1.00	24.50	24.02	1.12	0.14	0.165	0.18
	WLAN2.4G	802.11b	Bottom of Laptop	0	11	Ant0+1	100.00	1.00	23.00	22.92	1.02	0.10	0.108	0.11
	WLAN2.4G	802.11b	Bottom of Laptop	0	12	Ant0+1	100.00	1.00	22.00	21.77	1.05	0.10	0.081	0.09
	WLAN2.4G	802.11b	Bottom of Laptop	0	13	Ant0+1	100.00	1.00	20.00	19.78	1.05	0.08	0.054	0.06
2	WLAN5.3G	802.11n HT40	Bottom of Laptop	0	54	Ant0	100.00	1.00	19.50	19.49	1.00	-0.05	0.078	0.08
	WLAN5.3G	802.11n HT40	Bottom of Laptop	0	54	Ant1	100.00	1.00	19.50	19.49	1.00	0.02	0.086	0.09
	WLAN5.3G	802.11n HT40	Bottom of Laptop	0	54	Ant0+1	100.00	1.00	22.50	22.41	1.02	0.11	0.082	0.08
	WLAN5.3G	802.11n HT40	Bottom of Laptop	0	62	Ant1	100.00	1.00	16.50	16.35	1.04	0.02	0.057	0.06
3	WLAN5.6G	802.11n HT40	Bottom of Laptop	0	142	Ant0	100.00	1.00	20.00	19.92	1.02	0.11	0.142	0.14
	WLAN5.6G	802.11n HT40	Bottom of Laptop	0	142	Ant1	100.00	1.00	20.00	19.97	1.01	-0.06	0.229	0.23
	WLAN5.6G	802.11n HT40	Bottom of Laptop	0	142	Ant0+1	100.00	1.00	23.00	22.83	1.04	0.11	0.209	0.22
	WLAN5.6G	802.11n HT40	Bottom of Laptop	0	102	Ant1	100.00	1.00	16.50	16.32	1.04	0.05	0.069	0.07
	WLAN5.6G	802.11n HT40	Bottom of Laptop	0	110	Ant1	100.00	1.00	19.00	18.91	1.02	0.10	0.117	0.12
	WLAN5.6G	802.11n HT40	Bottom of Laptop	0	118	Ant1	100.00	1.00	19.00	18.65	1.08	0.05	0.126	0.14
	WLAN5.6G	802.11n HT40	Bottom of Laptop	0	126	Ant1	100.00	1.00	19.00	18.88	1.03	-0.12	0.138	0.14
	WLAN5.6G	802.11n HT40	Bottom of Laptop	0	134	Ant1	100.00	1.00	18.00	17.91	1.02	-0.08	0.124	0.13

Body SAR Test Result

System & Position						DUT Configuration	SAR							
Plot No.	Band	Mode	Test Position	Separation Distance (mm)	Channel	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)
4	WLAN5.8G	802.11a	Bottom of Laptop	0	161	Ant0	100.00	1.00	21.00	20.97	1.01	-0.05	0.197	0.20
	WLAN5.8G	802.11a	Bottom of Laptop	0	161	Ant1	100.00	1.00	21.00	20.96	1.01	-0.04	0.225	0.23
	WLAN5.8G	802.11a	Bottom of Laptop	0	161	Ant0+1	100.00	1.00	24.00	23.79	1.05	-0.01	0.193	0.20
	WLAN5.8G	802.11a	Bottom of Laptop	0	149	Ant1	100.00	1.00	20.50	20.23	1.06	0.08	0.197	0.21
	WLAN5.8G	802.11a	Bottom of Laptop	0	153	Ant1	100.00	1.00	20.50	20.35	1.04	-0.08	0.187	0.19
	WLAN5.8G	802.11a	Bottom of Laptop	0	157	Ant1	100.00	1.00	20.50	20.48	1.00	-0.03	0.205	0.21
	WLAN5.8G	802.11a	Bottom of Laptop	0	165	Ant1	100.00	1.00	21.00	20.94	1.01	0.09	0.222	0.22
5														
	WLAN5.9G	802.11ac VHT80	Bottom of Laptop	0	171	Ant0	100.00	1.00	19.50	19.46	1.01	0.09	0.158	0.16
	WLAN5.9G	802.11ac VHT80	Bottom of Laptop	0	171	Ant1	100.00	1.00	19.50	19.26	1.06	0.07	0.122	0.13
	WLAN5.9G	802.11ac VHT80	Bottom of Laptop	0	171	Ant0+1	100.00	1.00	22.50	22.10	1.10	0.11	0.117	0.13
6														
	BT	BDR	Bottom of Laptop	0	39	Ant1	77.19	1.30	13.00	12.13	1.22	0	<0.001	0.00
	BT	BDR	Bottom of Laptop	0	0	Ant1	77.19	1.30	13.00	12.11	1.23	0	<0.001	0.00
	BT	BDR	Bottom of Laptop	0	78	Ant1	77.19	1.30	13.00	11.77	1.33	0	<0.001	0.00



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SAR and Power Density Test Result																										
System & Position						DUT Configuration	SAR									Power Density										
Plot No.	Band	Mode	Test Position	Separation Distance (mm)	Channel	Ant Status	Duty Cycle	Crest Factor	Max. Tune-up Power (dBm)	Measured Conducted Power (dBm)	Scaling Factor	Power Drift (dB)	Measured SAR-1g (W/kg)	Scaled SAR-1g (W/kg)	Measured APD W/m ² (4cm ²)	Scaled APD W/m ² (4cm ²)	Grid Step [λ]	iPD [W/m2]	Scaling Factor for Measurement Uncertainty	Averaging Area [cm2]	Power Drift [dB]	Normal psPD [W/m2]	Scaled Normal psPD [W/m2]	Total psPD [W/m2]	Scaled Total psPD [W/m2]	
MT7922A22M													-	-	-	-										
		UNII-8	802.11ax HE160	Bottom of Laptop	0	207	Ant0	91.10	1.10	10.00	9.95	1.01	0	<0.001	0.00	0	0									
		UNII-8	802.11ax HE160	Bottom of Laptop	0	207	Ant1	89.50	1.12	10.00	9.91	1.02	0	<0.001	0.00	0	0									
13		UNII-8	802.11ax HE160	Bottom of Laptop	0	207	Ant0+1	87.50	1.14	13.00	12.84	1.04	0.04	0.028	0.03	0.219	0.26	0.0582	4.18	1.545	4.00	-0.12	0.246	0.43	0.422	0.77
		UNII-5	802.11ax HE160	Bottom of Laptop	0	15	Ant0+1	87.50	1.14	12.00	11.57	1.10	0	<0.001	0.00	0	0									
		UNII-5	802.11ax HE160	Bottom of Laptop	0	47	Ant0+1	87.50	1.14	12.00	11.39	1.15	0	<0.001	0.00	0	0									
		UNII-5	802.11ax HE160	Bottom of Laptop	0	79	Ant0+1	87.50	1.14	12.50	11.86	1.16	0	<0.001	0.00	0	0	0.0529	0	1.545	4.00	0	0.001	0	0.001	0
		UNII-6	802.11ax HE160	Bottom of Laptop	0	111	Ant0+1	87.50	1.14	12.50	11.87	1.16	0	<0.001	0.00	0	0	0.0542	0	1.545	4.00	0	0.001	0	0.001	0
		UNII-7	802.11ax HE160	Bottom of Laptop	0	143	Ant0+1	87.50	1.14	12.50	12.19	0.00	0	<0.001	0.00	0	0	0.0555	0	1.545	4.00	0	0.001	0	0.001	0
		UNII-7	802.11ax HE160	Bottom of Laptop	0	175	Ant0+1	87.50	1.14	12.00	11.76	1.06	0	<0.001	0.00	0	0	0.0569	0	1.545	4.00	0	0.001	0	0.001	0
													-	-	-	-										