

Annex A. Plots of SAR and Power Density System Verification

The plots for system verification are shown as follows.

S01 System Check_H2450_210929

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

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

Medium: H19T27N1_0929 Medium parameters used: $f = 2450$ MHz; $\sigma = 1.805$ S/m; $\epsilon_r = 38.071$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °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 V5.0 1204; Type: QD OVA 002 AA;
- 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) = 4.46 W/kg

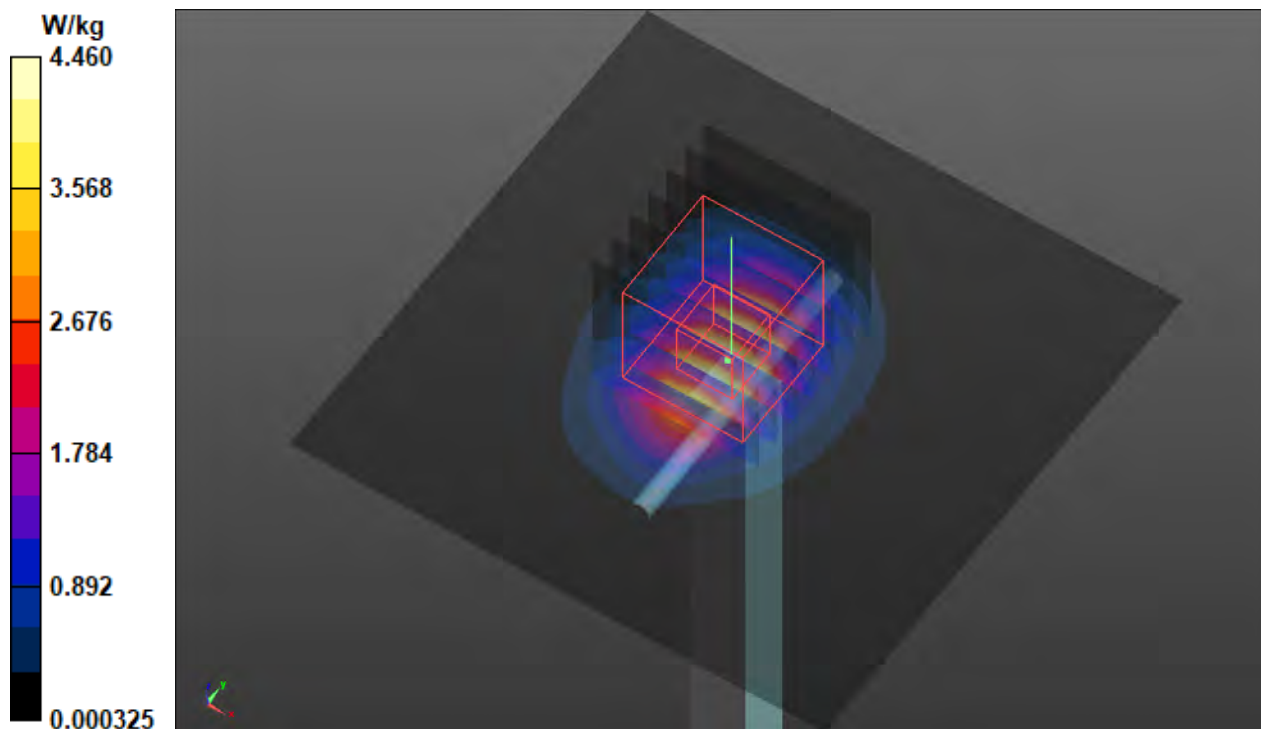
Pin=50mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 50.30 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 5.64 W/kg

SAR(1 g) = 2.71 W/kg; SAR(10 g) = 1.27 W/kg (SAR corrected for target medium)

Maximum value of SAR (measured) = 4.53 W/kg



S02 System Check_H5250_210930

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

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

Medium: H34T60N1_0930 Medium parameters used (interpolated): $f = 5250$ MHz; $\sigma = 4.674$ S/m; $\epsilon_r = 36.723$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 23.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7472; ConvF(5.78, 5.78, 5.78) @ 5250 MHz; Calibrated: 2021/06/03
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2021/06/02
- Phantom: ELI Phantom_1206; 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) = 8.73 W/kg

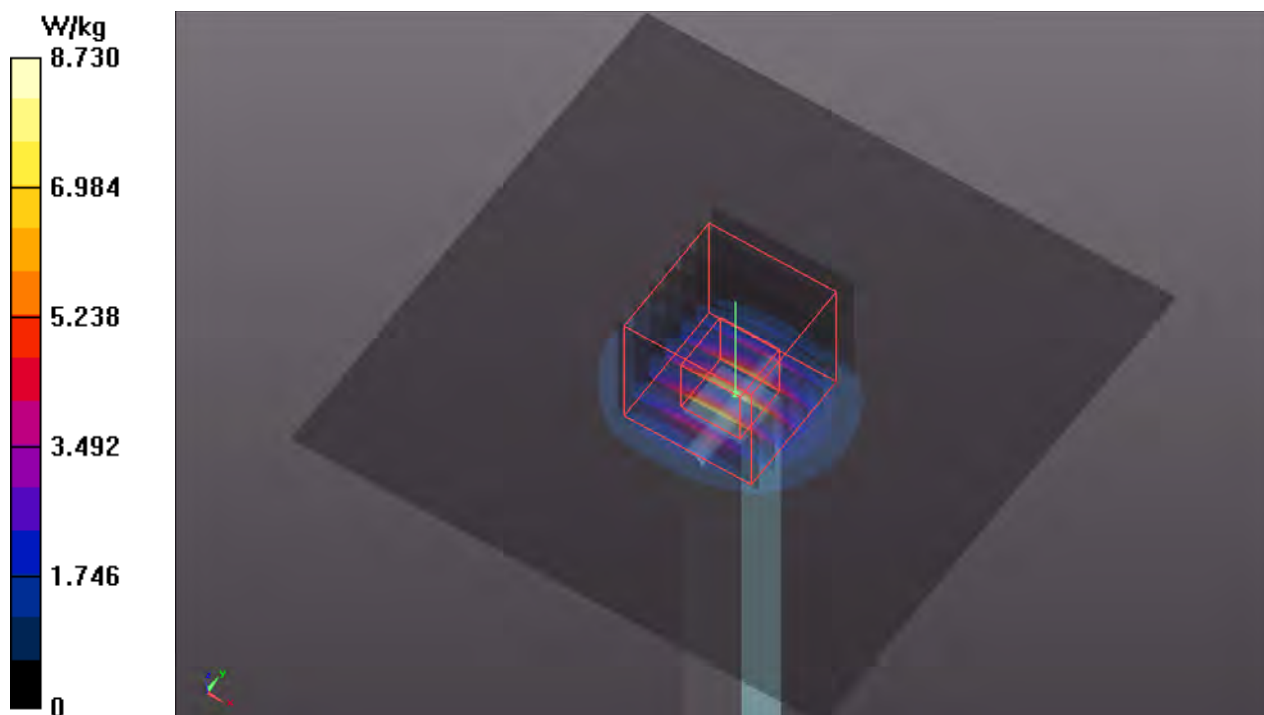
Pin=50mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 43.82 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 14.7 W/kg

SAR(1 g) = 3.79 W/kg; SAR(10 g) = 1.1 W/kg (SAR corrected for target medium)

Maximum value of SAR (measured) = 9.31 W/kg



S03 System Check_H5600_210930

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

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

Medium: H34T60N1_0930 Medium parameters used: $f = 5600$ MHz; $\sigma = 5.032$ S/m; $\epsilon_r = 36.265$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 23.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7472; ConvF(4.95, 4.95, 4.95) @ 5600 MHz; Calibrated: 2021/06/03
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2021/06/02
- Phantom: ELI Phantom_1206; 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

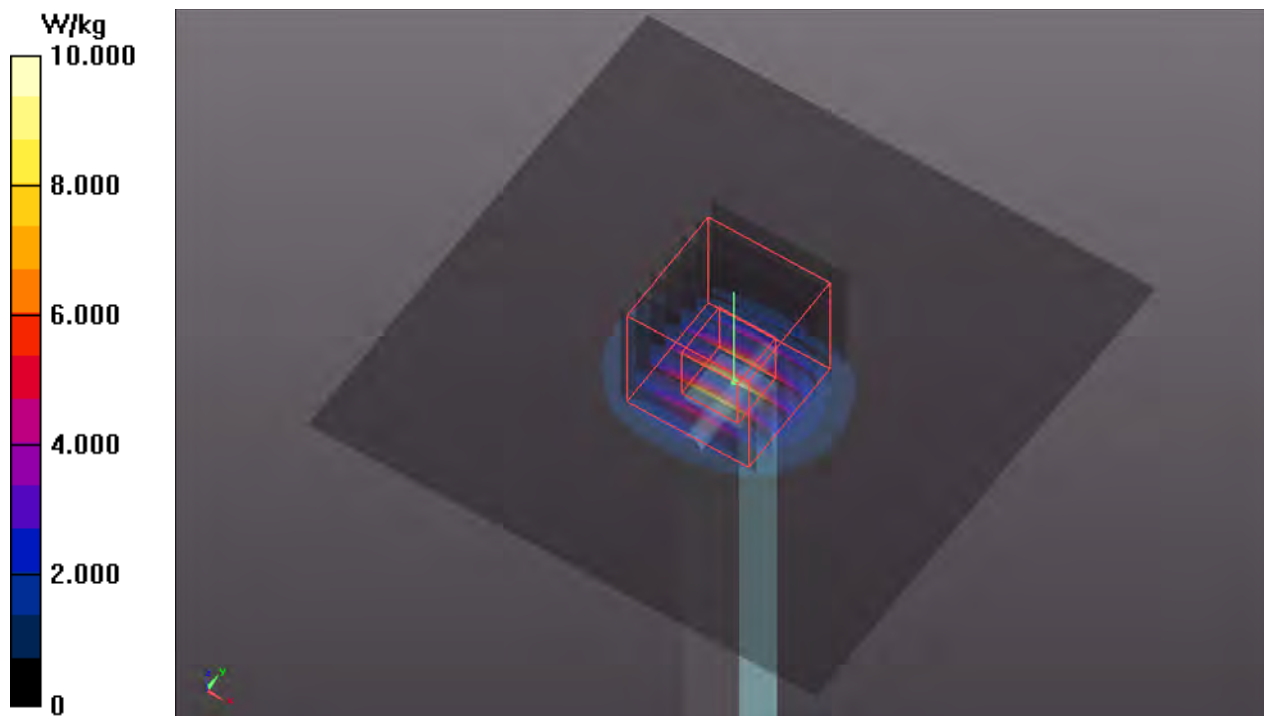
Pin=50mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 45.28 V/m; Power Drift = -0.18 dB

Peak SAR (extrapolated) = 17.7 W/kg

SAR(1 g) = 4.16 W/kg; SAR(10 g) = 1.19 W/kg (SAR corrected for target medium)

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



S04 System Check_H5750_210930**DUT: Dipole 5 GHz; Type: D5GHzV2; SN: 1019**

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

Medium: H34T60N1_0930 Medium parameters used: $f = 5750$ MHz; $\sigma = 5.192$ S/m; $\epsilon_r = 36.058$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 23.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7472; ConvF(5.25, 5.25, 5.25) @ 5750 MHz; Calibrated: 2021/06/03
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2021/06/02
- Phantom: ELI Phantom_1206; 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) = 8.98 W/kg

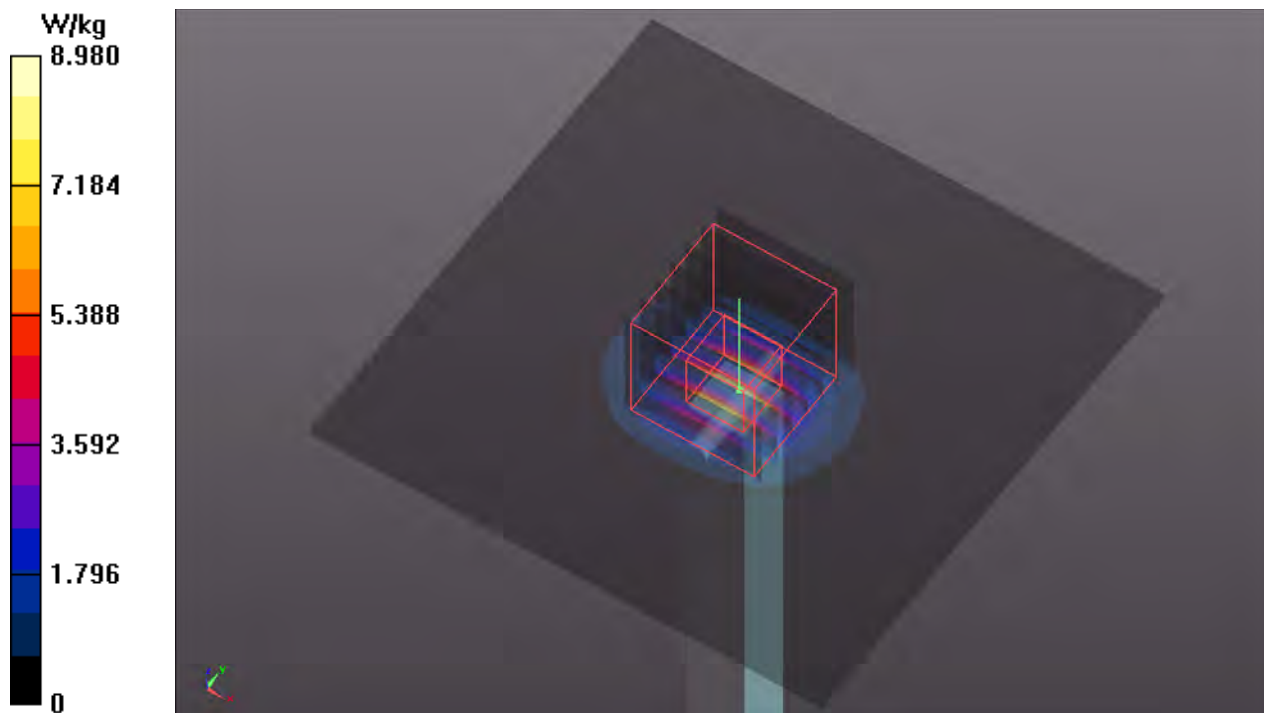
Pin=50mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 42.20 V/m; Power Drift = -0.19 dB

Peak SAR (extrapolated) = 16.7 W/kg

SAR(1 g) = 3.71 W/kg; SAR(10 g) = 1.05 W/kg (SAR corrected for target medium)

Maximum value of SAR (measured) = 9.59 W/kg



S05 System Check_H2450_210929**DUT: Dipole 2450 MHz; Type: D2450V2; SN: 835**

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

Medium: H19T27N1_0929 Medium parameters used: $f = 2450$ MHz; $\sigma = 1.805$ S/m; $\epsilon_r = 38.071$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °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 V5.0 1204; Type: QD OVA 002 AA;
- 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) = 4.46 W/kg

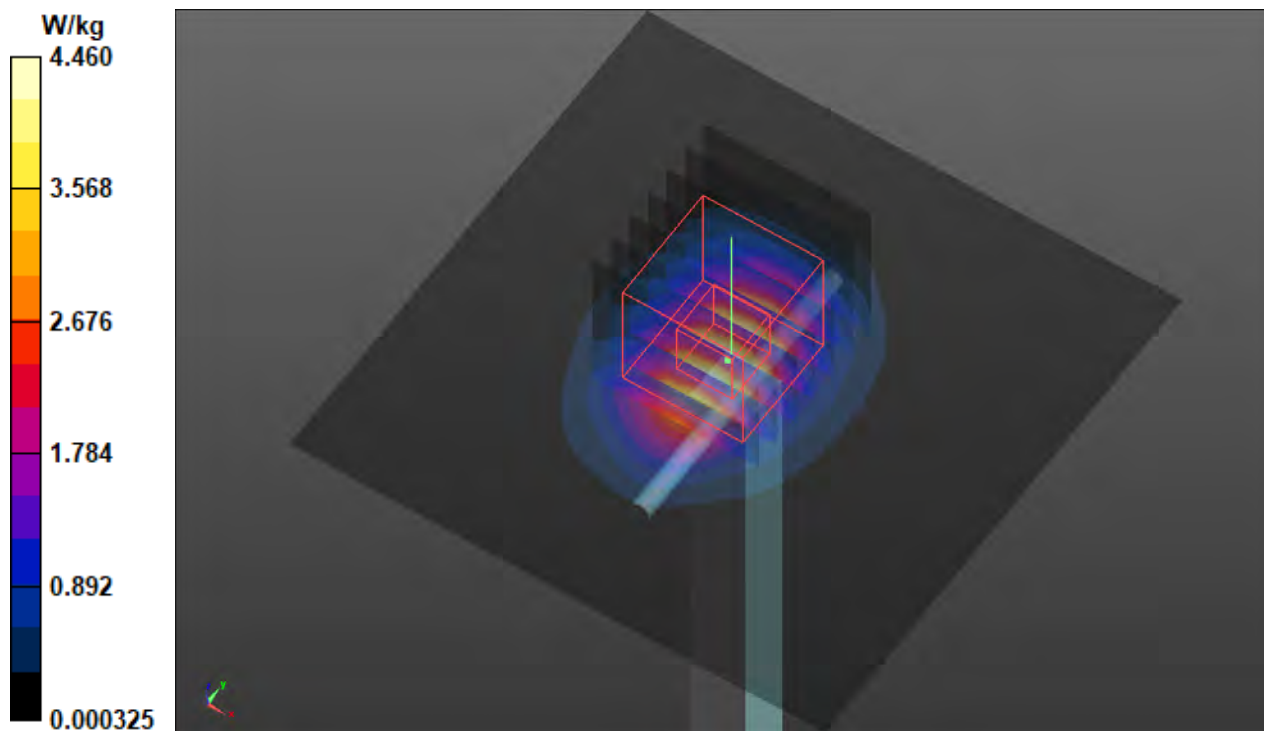
Pin=50mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 50.30 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 5.64 W/kg

SAR(1 g) = 2.71 W/kg; SAR(10 g) = 1.27 W/kg (SAR corrected for target medium)

Maximum value of SAR (measured) = 4.53 W/kg



S06 System Check_H2450_211001

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

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

Medium: H19T27N3_1001 Medium parameters used (interpolated): $f = 2450$ MHz; $\sigma = 1.848$ S/m; $\epsilon_r = 38.521$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C ; Liquid Temperature : 23.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7472; ConvF(7.89, 7.89, 7.89) @ 2450 MHz; Calibrated: 2021/06/03
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2021/06/02
- Phantom: ELI Phantom_1206; Type: QDOVA002AA;
- 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) = 4.19 W/kg

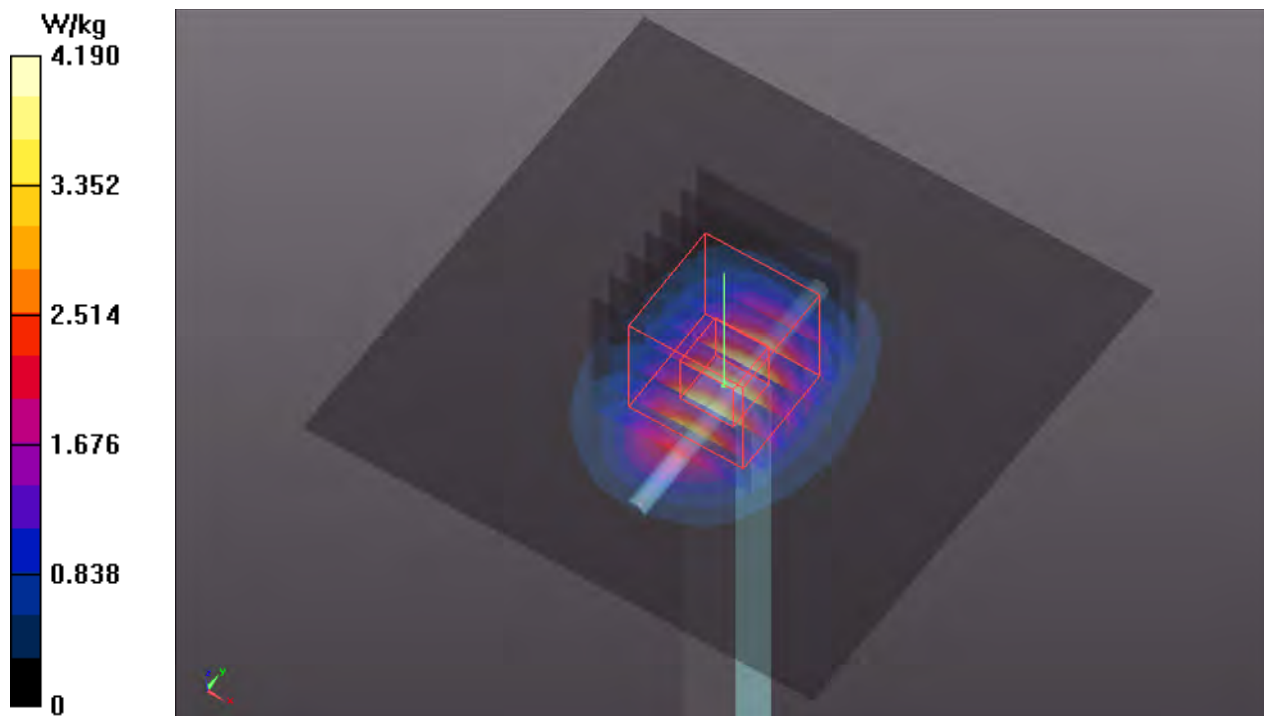
Pin=50mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 46.91 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 5.19 W/kg

SAR(1 g) = 2.49 W/kg; SAR(10 g) = 1.18 W/kg (SAR corrected for target medium)

Maximum value of SAR (measured) = 4.23 W/kg



S07 System Check_H5250_211001

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

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

Medium: H34T60N1_1001 Medium parameters used: $f = 5250$ MHz; $\sigma = 4.795$ S/m; $\epsilon_r = 35.269$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C ; Liquid Temperature : 23.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7472; ConvF(5.78, 5.78, 5.78) @ 5250 MHz; Calibrated: 2021/06/03
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2021/06/02
- Phantom: ELI Phantom_1206; 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) = 8.96 W/kg

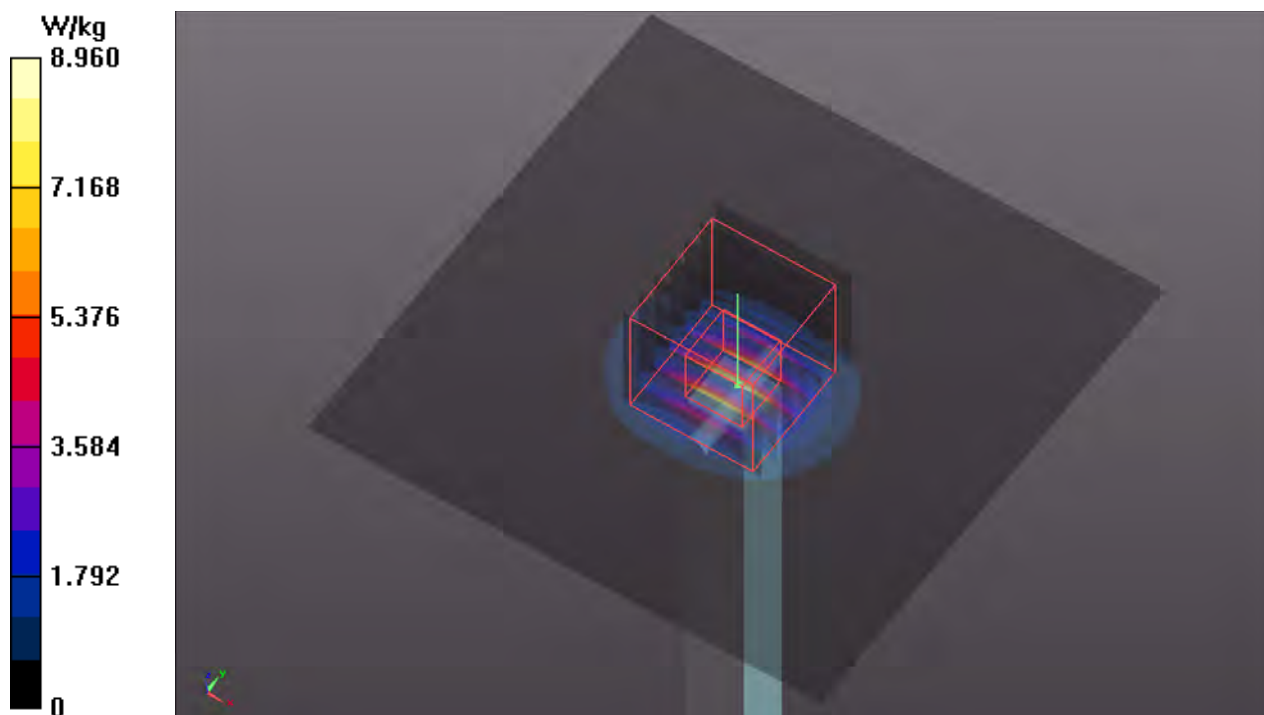
Pin=50mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 43.82 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 15.1 W/kg

SAR(1 g) = 3.85 W/kg; SAR(10 g) = 1.12 W/kg (SAR corrected for target medium)

Maximum value of SAR (measured) = 9.55 W/kg



S08 System Check_H5600_211001**DUT: Dipole 5 GHz; Type: D5GHzV2; SN: 1019**

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

Medium: H34T60N1_1001 Medium parameters used: $f = 5600$ MHz; $\sigma = 5.178$ S/m; $\epsilon_r = 34.66$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C ; Liquid Temperature : 23.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7472; ConvF(4.95, 4.95, 4.95) @ 5600 MHz; Calibrated: 2021/06/03
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2021/06/02
- Phantom: ELI Phantom_1206; 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) = 10.3 W/kg

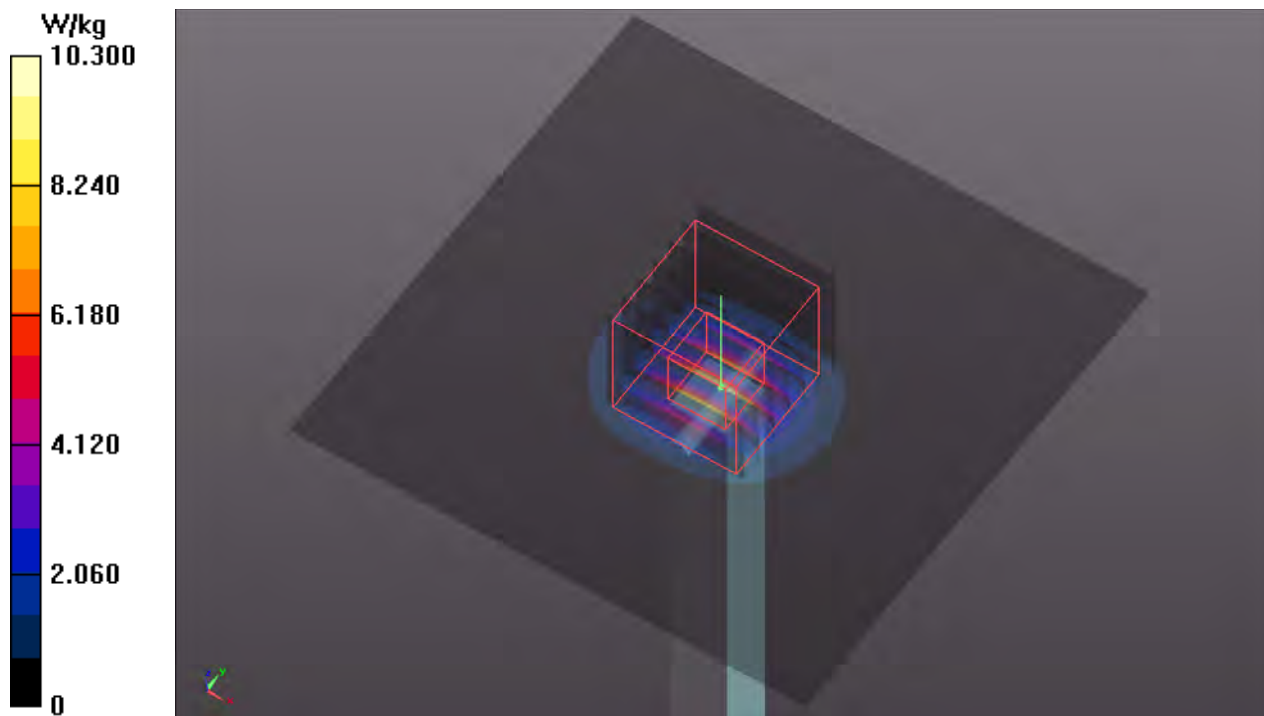
Pin=50mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 45.28 V/m; Power Drift = -0.18 dB

Peak SAR (extrapolated) = 18.3 W/kg

SAR(1 g) = 4.25 W/kg; SAR(10 g) = 1.21 W/kg (SAR corrected for target medium)

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



S09 System Check_H5750_211001**DUT: Dipole 5 GHz; Type: D5GHzV2; SN: 1019**

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

Medium: H34T60N1_1001 Medium parameters used: $f = 5750$ MHz; $\sigma = 5.34$ S/m; $\epsilon_r = 34.366$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C ; Liquid Temperature : 23.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7472; ConvF(5.25, 5.25, 5.25) @ 5750 MHz; Calibrated: 2021/06/03
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2021/06/02
- Phantom: ELI Phantom_1206; 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) = 9.24 W/kg

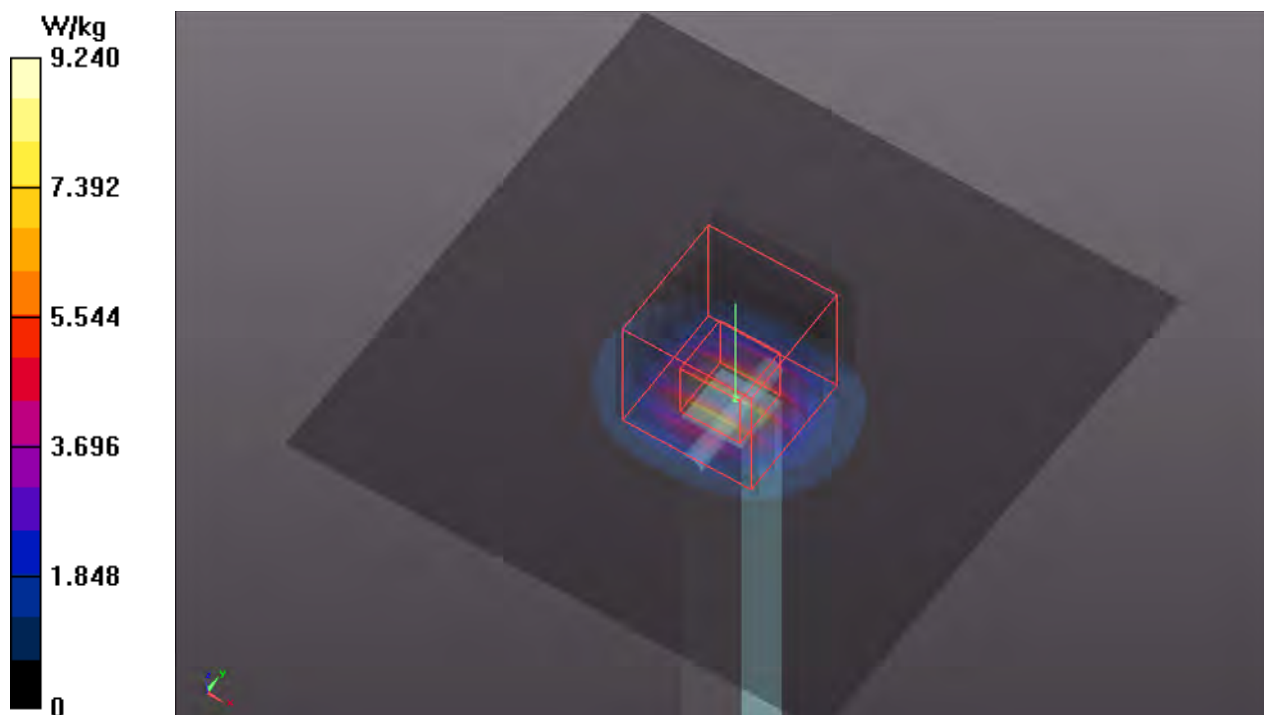
Pin=50mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 42.20 V/m; Power Drift = -0.19 dB

Peak SAR (extrapolated) = 17.2 W/kg

SAR(1 g) = 3.78 W/kg; SAR(10 g) = 1.07 W/kg (SAR corrected for target medium)

Maximum value of SAR (measured) = 9.86 W/kg



S10 System Check_H2450_211001

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

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

Medium: H19T27N3_1001 Medium parameters used (interpolated): $f = 2450$ MHz; $\sigma = 1.848$ S/m; $\epsilon_r = 38.521$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C ; Liquid Temperature : 23.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7472; ConvF(7.89, 7.89, 7.89) @ 2450 MHz; Calibrated: 2021/06/03
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2021/06/02
- Phantom: ELI Phantom_1206; Type: QDOVA002AA;
- 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) = 4.19 W/kg

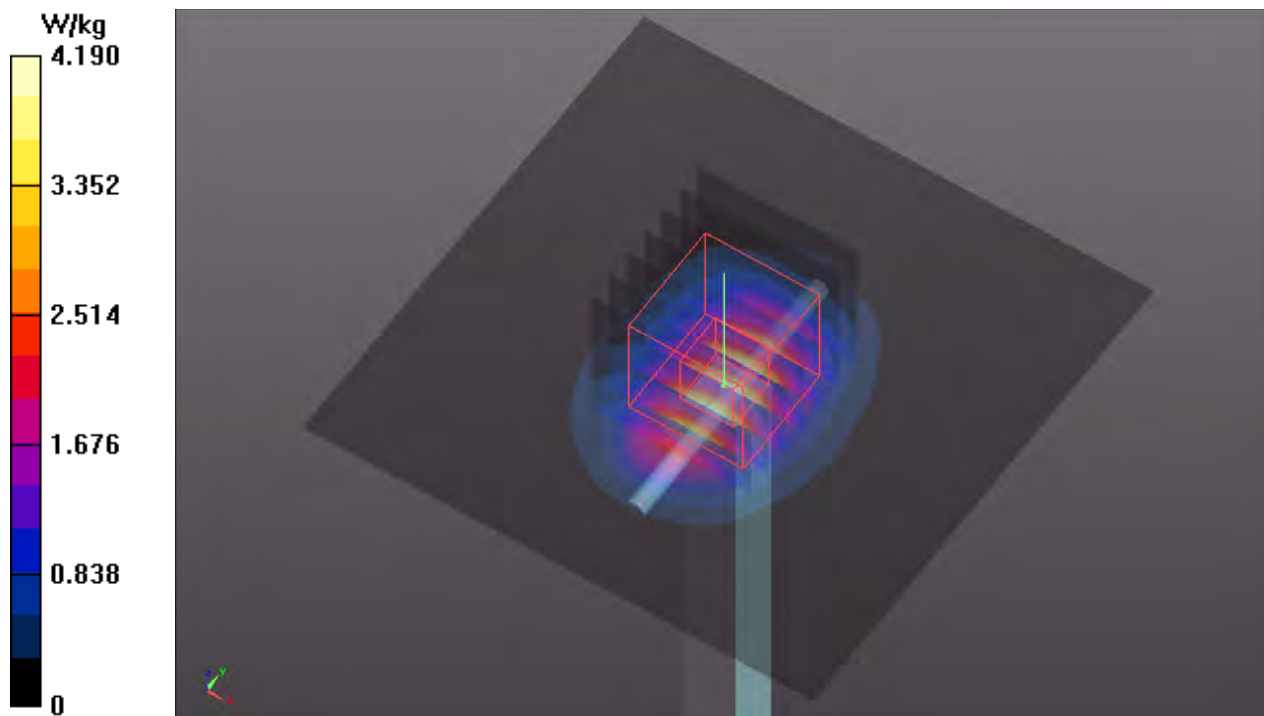
Pin=50mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 46.91 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 5.19 W/kg

SAR(1 g) = 2.49 W/kg; SAR(10 g) = 1.18 W/kg (SAR corrected for target medium)

Maximum value of SAR (measured) = 4.23 W/kg



S11 System Check_H2450_211002

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

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

Medium: H19T27N1_1002 Medium parameters used (interpolated): $f = 2450$ MHz; $\sigma = 1.874$ S/m; $\epsilon_r = 39.022$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C ; Liquid Temperature : 23.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7472; ConvF(7.89, 7.89, 7.89) @ 2450 MHz; Calibrated: 2021/06/03
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2021/06/02
- Phantom: ELI Phantom_1206; Type: QDOVA002AA;
- 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) = 4.24 W/kg

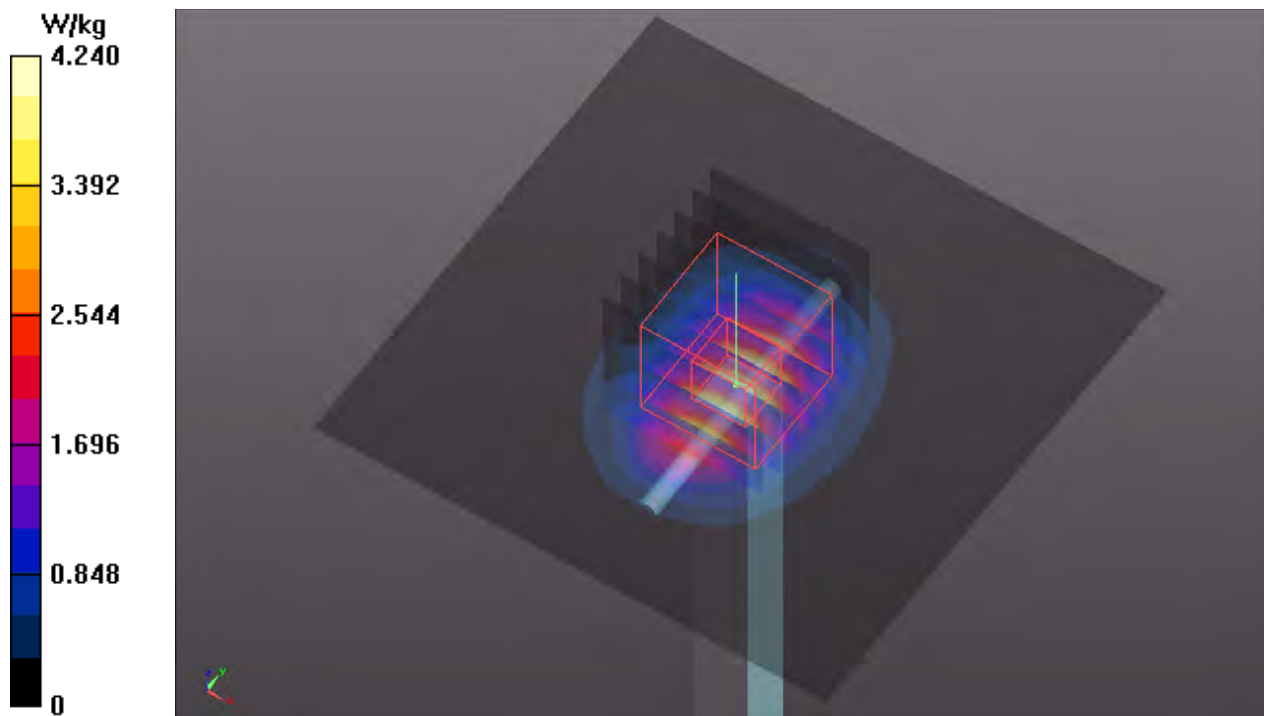
Pin=50mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 46.91 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 5.26 W/kg

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

Maximum value of SAR (measured) = 4.29 W/kg



S12 System Check_H5250_211002

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

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

Medium: H34T60N1_1002 Medium parameters used (interpolated): $f = 5250$ MHz; $\sigma = 4.691$ S/m; $\epsilon_r = 37.689$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C ; Liquid Temperature : 23.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7472; ConvF(5.78, 5.78, 5.78) @ 5250 MHz; Calibrated: 2021/06/03
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2021/06/02
- Phantom: ELI Phantom_1206; 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) = 8.77 W/kg

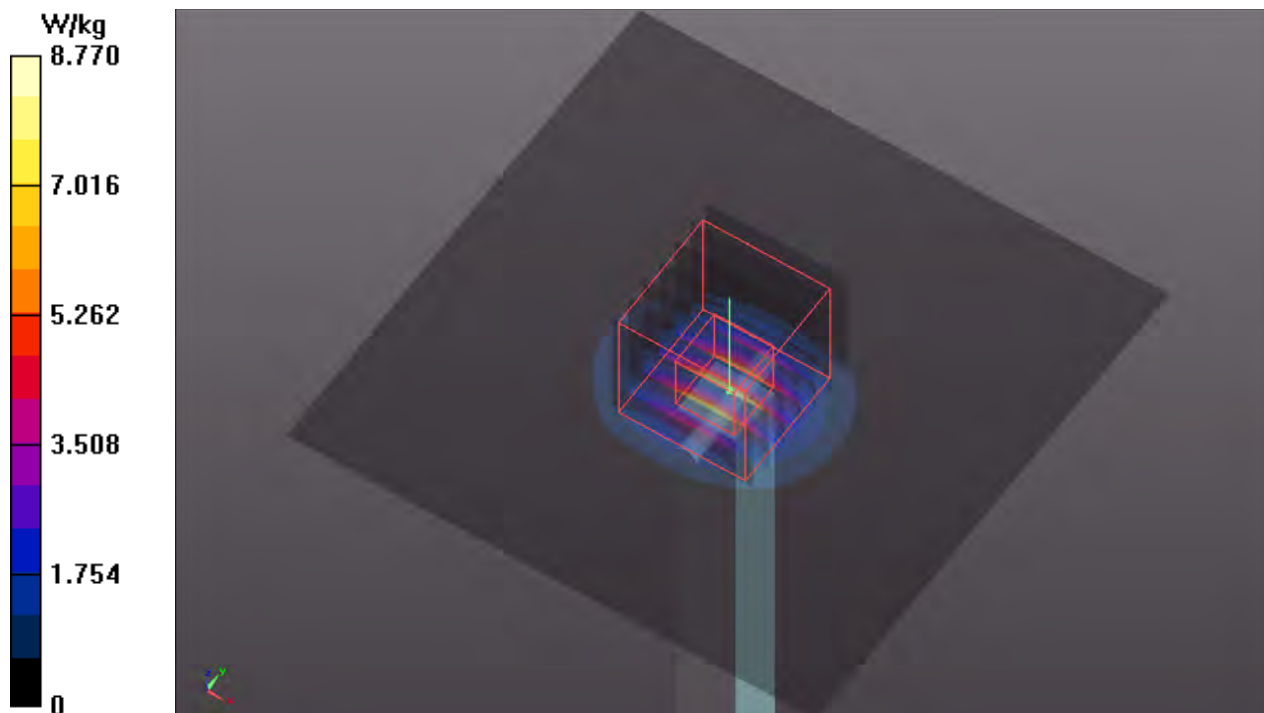
Pin=50mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 43.82 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 14.8 W/kg

SAR(1 g) = 3.82 W/kg; SAR(10 g) = 1.11 W/kg (SAR corrected for target medium)

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



S13 System Check_H5600_211002

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

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

Medium: H34T60N1_1002 Medium parameters used: $f = 5600$ MHz; $\sigma = 5.04$ S/m; $\epsilon_r = 37.201$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C ; Liquid Temperature : 23.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7472; ConvF(4.95, 4.95, 4.95) @ 5600 MHz; Calibrated: 2021/06/03
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2021/06/02
- Phantom: ELI Phantom_1206; 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

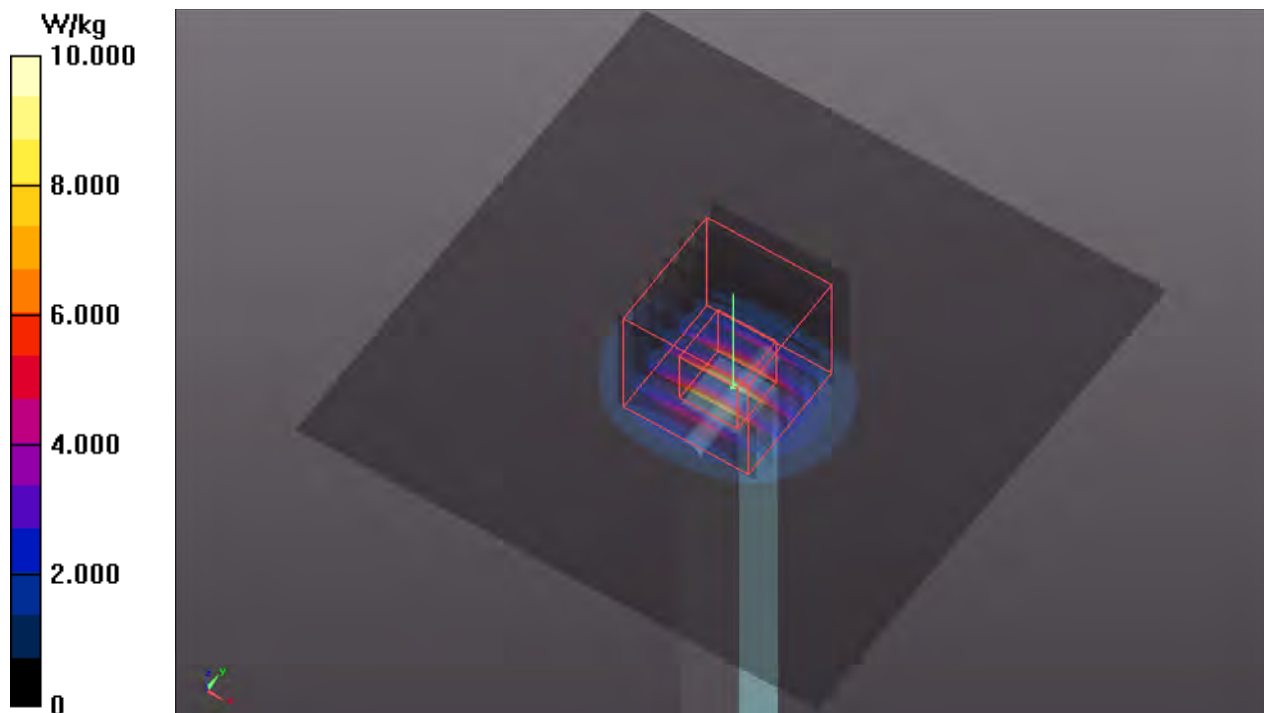
Pin=50mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 45.28 V/m; Power Drift = -0.18 dB

Peak SAR (extrapolated) = 17.8 W/kg

SAR(1 g) = 4.19 W/kg; SAR(10 g) = 1.2 W/kg (SAR corrected for target medium)

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



S14 System Check_H5750_211002

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

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

Medium: H34T60N1_1002 Medium parameters used: $f = 5750$ MHz; $\sigma = 5.193$ S/m; $\epsilon_r = 36.989$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C ; Liquid Temperature : 23.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7472; ConvF(5.25, 5.25, 5.25) @ 5750 MHz; Calibrated: 2021/06/03
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2021/06/02
- Phantom: ELI Phantom_1206; 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) = 8.98 W/kg

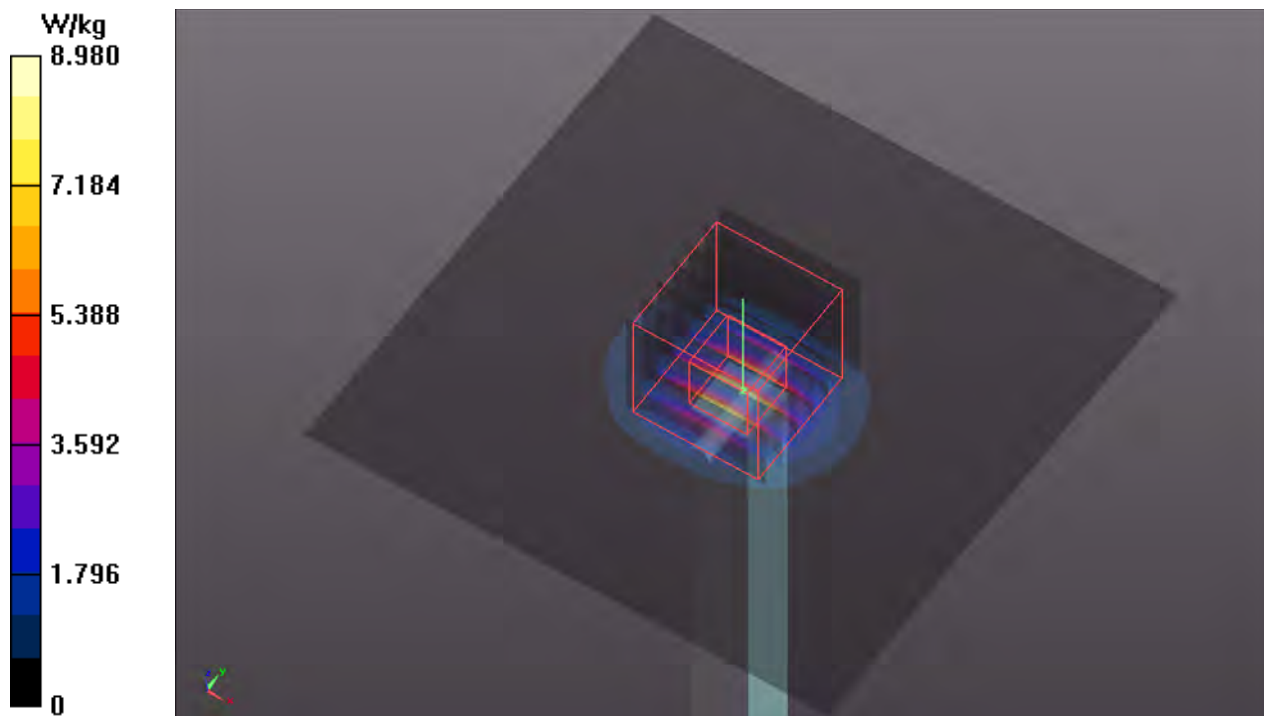
Pin=50mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 42.20 V/m; Power Drift = -0.19 dB

Peak SAR (extrapolated) = 16.7 W/kg

SAR(1 g) = 3.73 W/kg; SAR(10 g) = 1.06 W/kg (SAR corrected for target medium)

Maximum value of SAR (measured) = 9.59 W/kg



S15 System Check_H2450_211002

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

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

Medium: H19T27N1_1002 Medium parameters used (interpolated): $f = 2450$ MHz; $\sigma = 1.874$ S/m; $\epsilon_r = 39.022$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C ; Liquid Temperature : 23.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7472; ConvF(7.89, 7.89, 7.89) @ 2450 MHz; Calibrated: 2021/06/03
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2021/06/02
- Phantom: ELI Phantom_1206; Type: QDOVA002AA;
- 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) = 4.24 W/kg

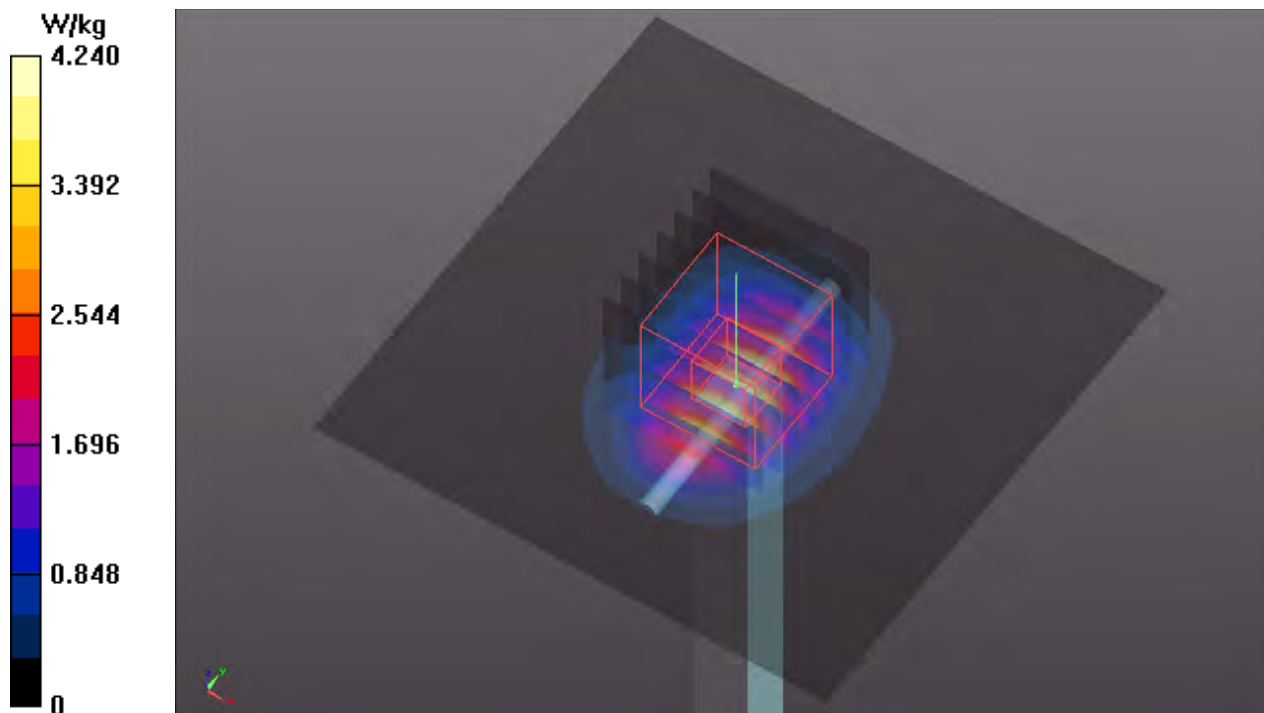
Pin=50mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 46.91 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 5.26 W/kg

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

Maximum value of SAR (measured) = 4.29 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_WLAN2.4G_802.11b_Bottom_0mm_Ch12_SKU AB_AL_WNC_Ant 0**DUT: BEDW-WTW-P21090355**

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

Frequency: 2467 MHz; Duty Cycle: 1:1.04

Medium: H19T27N1_0929 Medium parameters used (interpolated): $f = 2467$ MHz; $\sigma = 1.816$ S/m; $\epsilon_r = 38.032$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3887; ConvF(7.33, 7.33, 7.33) @ 2467 MHz; Calibrated: 2020/10/22
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2021/04/14
- Phantom: ELI V5.0 1204; Type: QD OVA 002 AA;
- 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) = 1.29 W/kg

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

Reference Value = 26.88 V/m; Power Drift = -0.05 dB

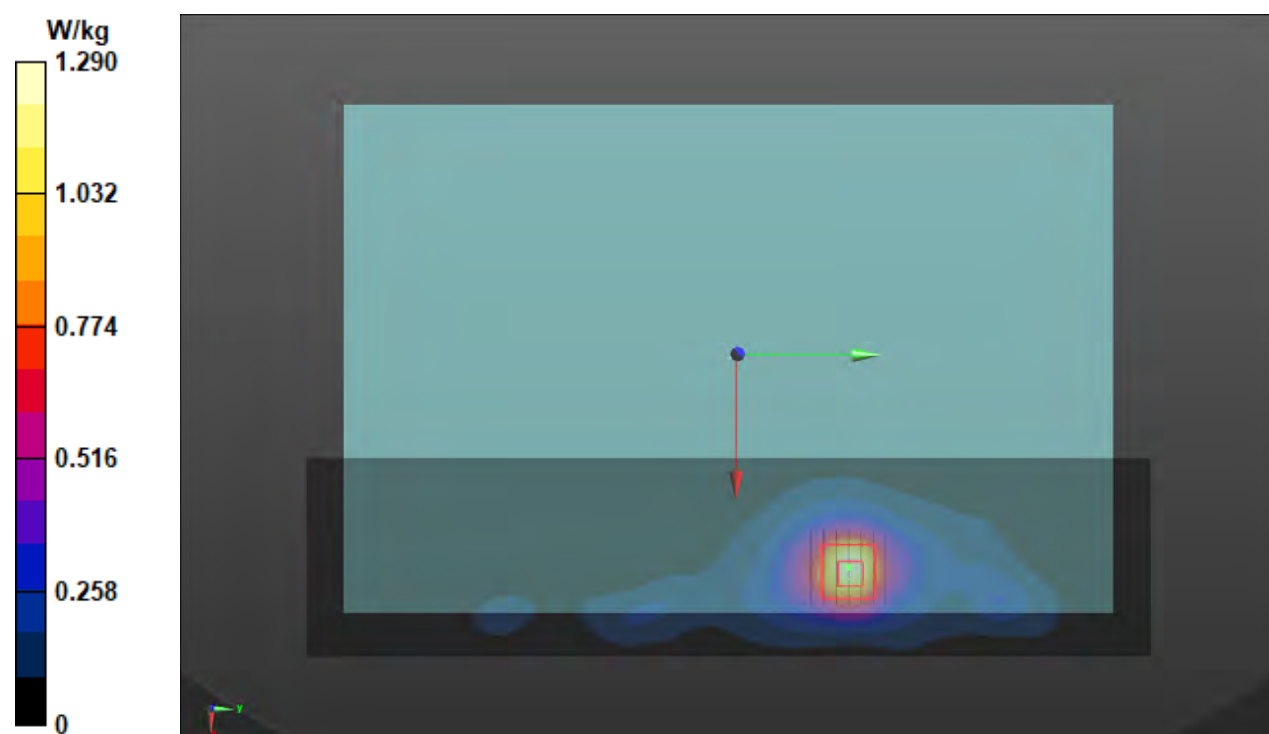
Peak SAR (extrapolated) = 2.20 W/kg

SAR(1 g) = 1.04 W/kg; SAR(10 g) = 0.485 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 = 48%

Maximum value of SAR (measured) = 1.75 W/kg



P02_WLAN5.3G_802.11ac VHT160_Bottom_0mm_Ch50_SKU AB_AL_Speed_Ant 0+1**DUT: BEDW-WTW-P21090355**

Communication System: UID 10554 - AAD, IEEE 802.11ac WiFi (160MHz, MCS0); Frequency: 5250 MHz; Duty Cycle: 1:1.04

Medium: H34T60N1_0930 Medium parameters used: $f = 5250$ MHz; $\sigma = 4.764$ S/m; $\epsilon_r = 36.965$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 23.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7472; ConvF(5.78, 5.78, 5.78) @ 5250 MHz; Calibrated: 2021/06/03
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2021/06/02
- Phantom: ELI Phantom_1206; Type: QDOVA002AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

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

Maximum value of SAR (interpolated) = 1.73 W/kg

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

Reference Value = 17.77 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 4.66 W/kg

SAR(1 g) = 1.14 W/kg; SAR(10 g) = 0.411 W/kg (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 8 mm

Ratio of SAR at M2 to SAR at M1 = 65.6%

Maximum value of SAR (measured) = 2.89 W/kg

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

Reference Value = 17.77 V/m; Power Drift = 0.03 dB

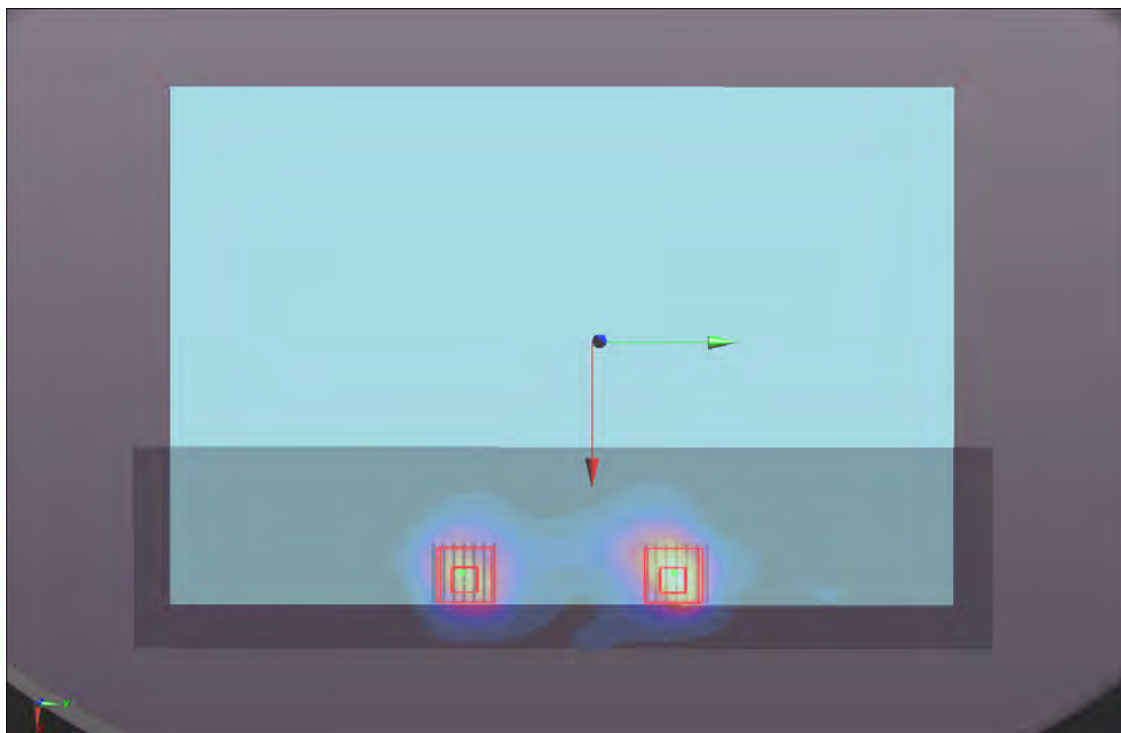
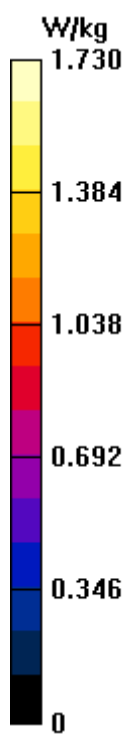
Peak SAR (extrapolated) = 3.32 W/kg

SAR(1 g) = 0.845 W/kg; SAR(10 g) = 0.311 W/kg (SAR corrected for target medium)

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

Ratio of SAR at M2 to SAR at M1 = 63.6%

Maximum value of SAR (measured) = 2.03 W/kg



**P03_WLAN5.6G_802.11ac VHT160_Bottom_0mm_Ch114_SKU
AB_AL_WNC_Ant 0+1****DUT: BEDW-WTW-P21090355**

Communication System: UID 10554 - AAD, IEEE 802.11ac WiFi (160MHz, MCS0); Frequency: 5570 MHz; Duty Cycle: 1:1.04

Medium: H34T60N3_0930 Medium parameters used (interpolated): $f = 5570$ MHz; $\sigma = 5.002$ S/m; $\epsilon_r = 36.29$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 23.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7472; ConvF(4.95, 4.95, 4.95) @ 5570 MHz; Calibrated: 2021/06/03
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2021/06/02
- Phantom: ELI Phantom_1206; Type: QDOVA002AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

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

Maximum value of SAR (interpolated) = 2.09 W/kg

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

Reference Value = 18.80 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 4.93 W/kg

SAR(1 g) = 1.11 W/kg; SAR(10 g) = 0.373 W/kg (SAR corrected for target medium)

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

Ratio of SAR at M2 to SAR at M1 = 61.1%

Maximum value of SAR (measured) = 2.68 W/kg

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

Reference Value = 18.80 V/m; Power Drift = 0.13 dB

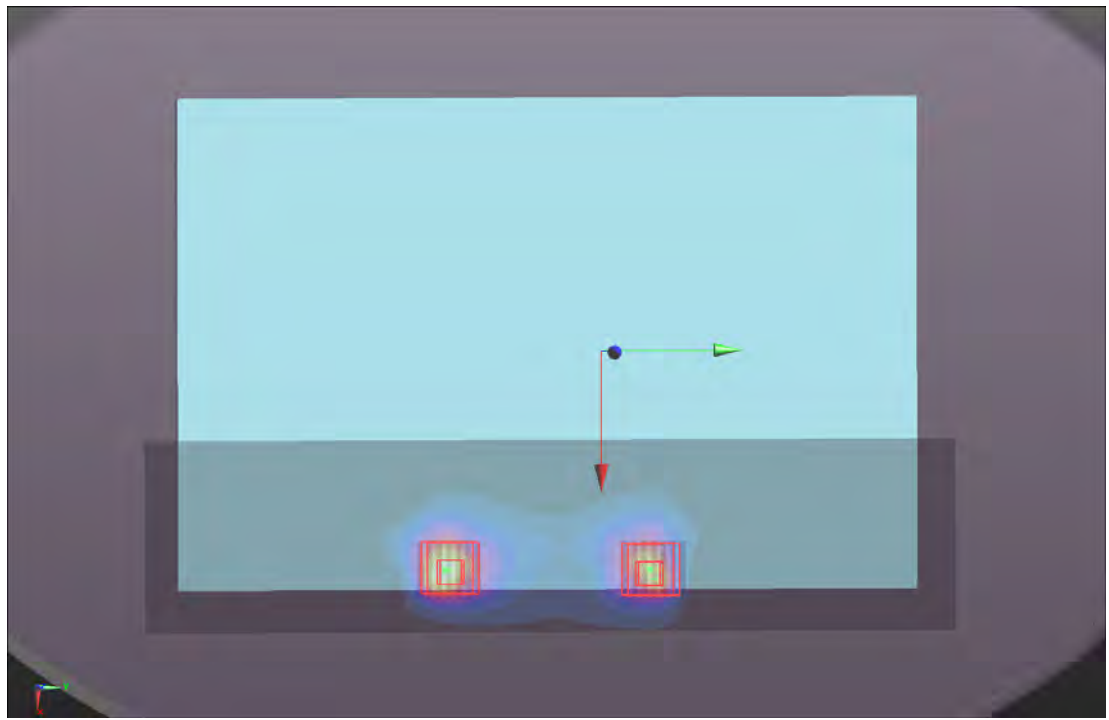
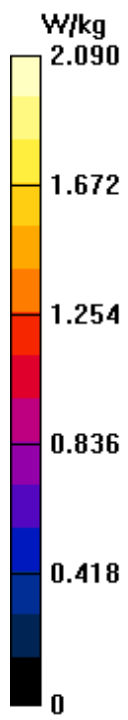
Peak SAR (extrapolated) = 4.47 W/kg

SAR(1 g) = 1.08 W/kg; SAR(10 g) = 0.361 W/kg (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 7.5 mm

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

Maximum value of SAR (measured) = 2.63 W/kg



**P04_WLAN5.8G_802.11ac VHT80_Bottom_0mm_Ch155_SKU
AB_AL_WNC_Ant 0****DUT: BEDW-WTW-P21090355**

Communication System: UID 10544 - AAC, IEEE 802.11ac WiFi (80MHz, MCS0, 99pc duty cycle); Frequency: 5775 MHz; Duty Cycle: 1:1.03

Medium: H34T60N1_0930 Medium parameters used: $f = 5775$ MHz; $\sigma = 5.219$ S/m; $\epsilon_r = 36.013$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 23.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7472; ConvF(5.25, 5.25, 5.25) @ 5775 MHz; Calibrated: 2021/06/03
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2021/06/02
- Phantom: ELI Phantom_1206; Type: QDOVA002AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (101x301x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 2.89 W/kg

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

Reference Value = 18.29 V/m; Power Drift = 0.09 dB

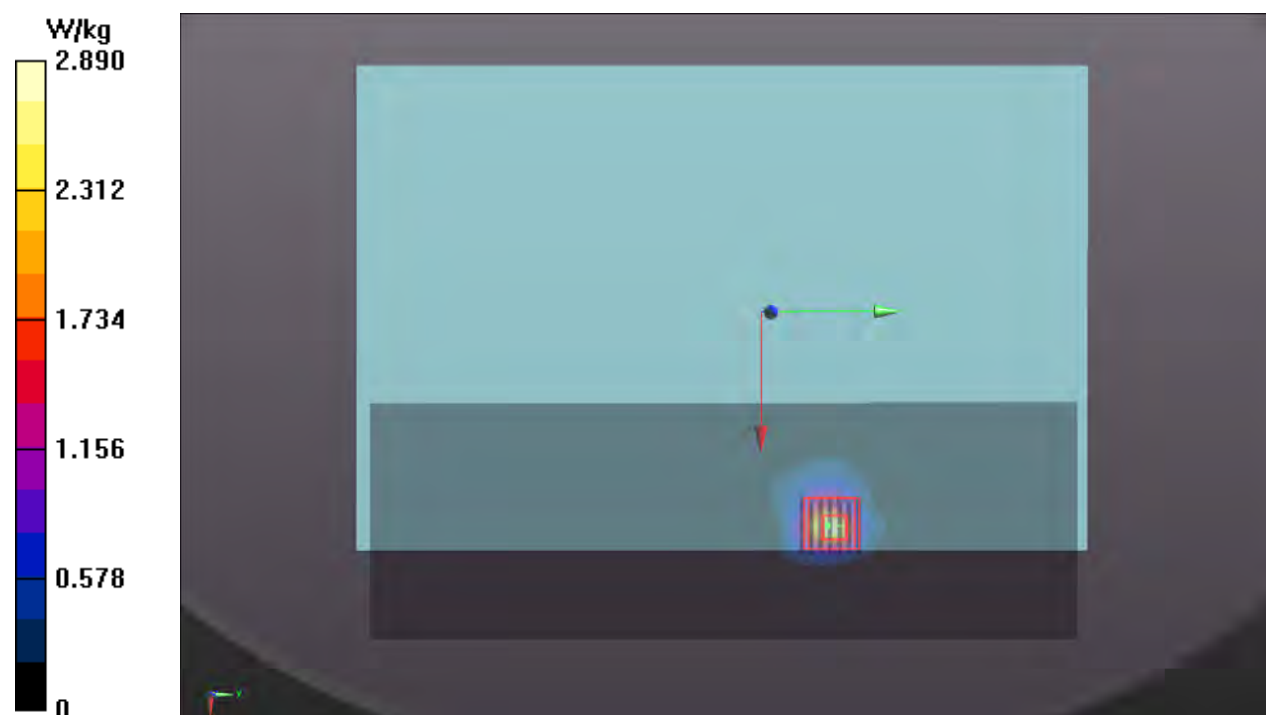
Peak SAR (extrapolated) = 4.37 W/kg

SAR(1 g) = 1.01 W/kg; SAR(10 g) = 0.336 W/kg (SAR corrected for target medium)

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

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

Maximum value of SAR (measured) = 2.51 W/kg



P05_BT_BDR_Bottom_0mm_Ch0_SKU AB_AL_WNC_Ant 1**DUT: BEDW-WTW-P21090355**

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

Medium: H19T27N1_0929 Medium parameters used: $f = 2402$ MHz; $\sigma = 1.769$ S/m; $\epsilon_r = 38.171$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °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 V5.0 1204; Type: QD OVA 002 AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (71x291x1): Interpolated grid: $dx=1.200$ mm, $dy=1.020$ mm

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

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

Reference Value = 7.527 V/m; Power Drift = 0.01 dB

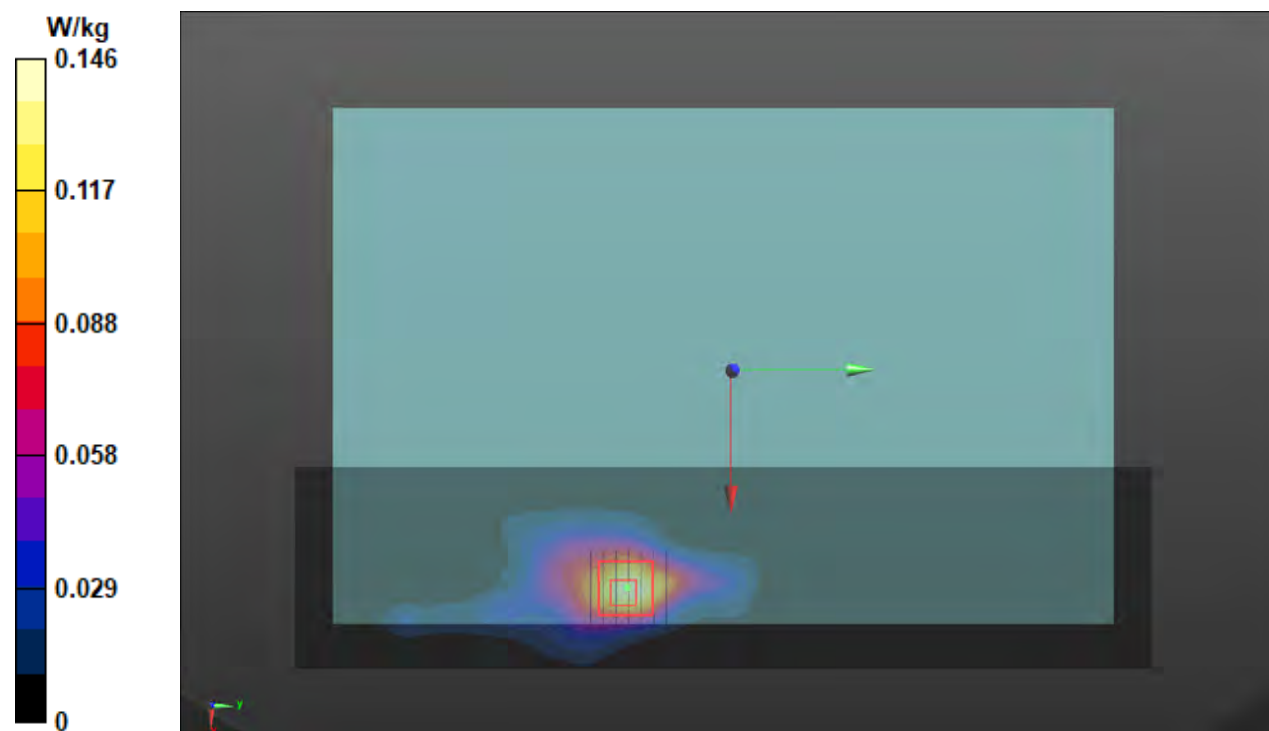
Peak SAR (extrapolated) = 0.303 W/kg

SAR(1 g) = 0.122 W/kg; SAR(10 g) = 0.052 W/kg (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 8.9 mm

Ratio of SAR at M2 to SAR at M1 = 42.6%

Maximum value of SAR (measured) = 0.219 W/kg



P06 WLAN2.4G_802.11n HT40_Bottom_0mm_Ch6_SKU AT_MG-AL_WNC_Ant 0+1**DUT: BEDW-WTW-P21090355**

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

Frequency: 2437 MHz; Duty Cycle: 1:1.01

Medium: H19T27N3_1001 Medium parameters used (interpolated): $f = 2437$ MHz; $\sigma = 1.835$ S/m;

$\epsilon_r = 38.565$; $\rho = 1000$ kg/m³

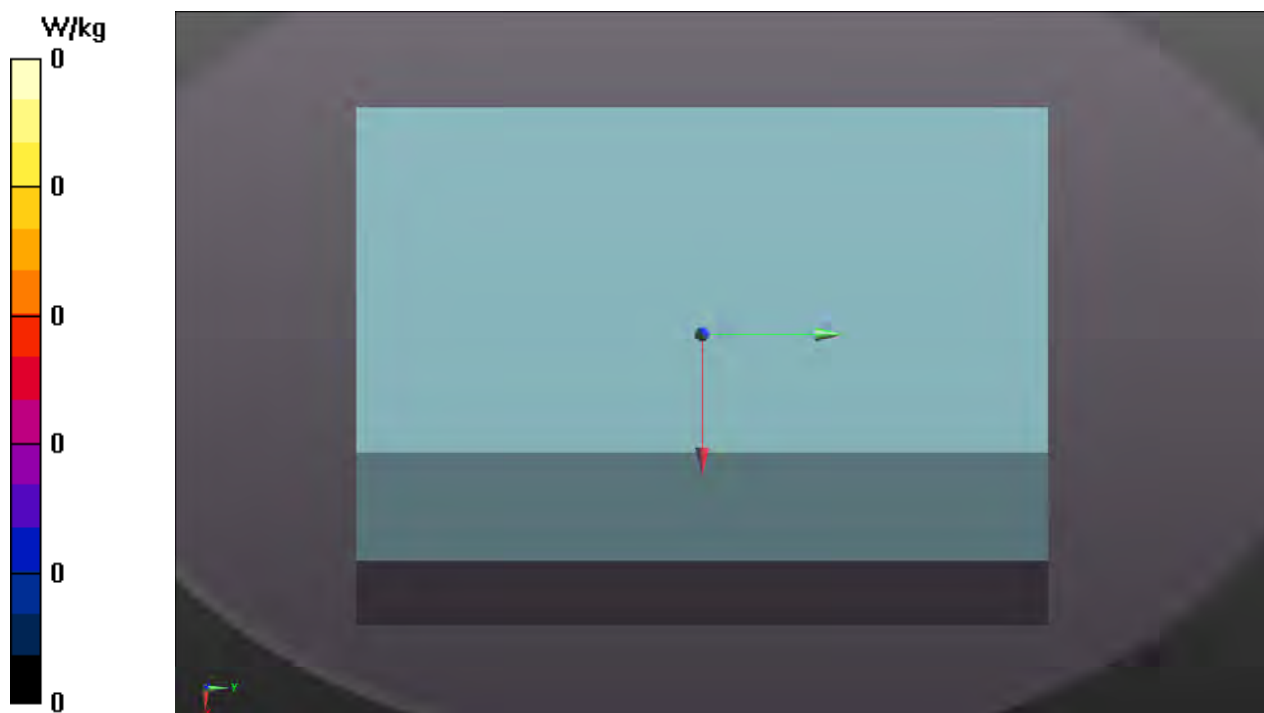
Ambient Temperature : 23.3 °C ; Liquid Temperature : 23.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7472; ConvF(7.89, 7.89, 7.89) @ 2437 MHz; Calibrated: 2021/06/03
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2021/06/02
- Phantom: ELI Phantom_1206; Type: QDOVA002AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (71x271x1): Interpolated grid: $dx=1.200$ mm, $dy=1.200$ mm

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



P07_WLAN5.3G_802.11ac VHT160_Bottom_0mm_Ch50_SKU AT_MG-AL_WNC_Ant 0+1**DUT: BEDW-WTW-P21090355**

Communication System: UID 10554 - AAD, IEEE 802.11ac WiFi (160MHz, MCS0); Frequency: 5250 MHz; Duty Cycle: 1:1.04

Medium: H34T60N1_1001 Medium parameters used: $f = 5250$ MHz; $\sigma = 4.795$ S/m; $\epsilon_r = 35.269$; $\rho = 1000$ kg/m³

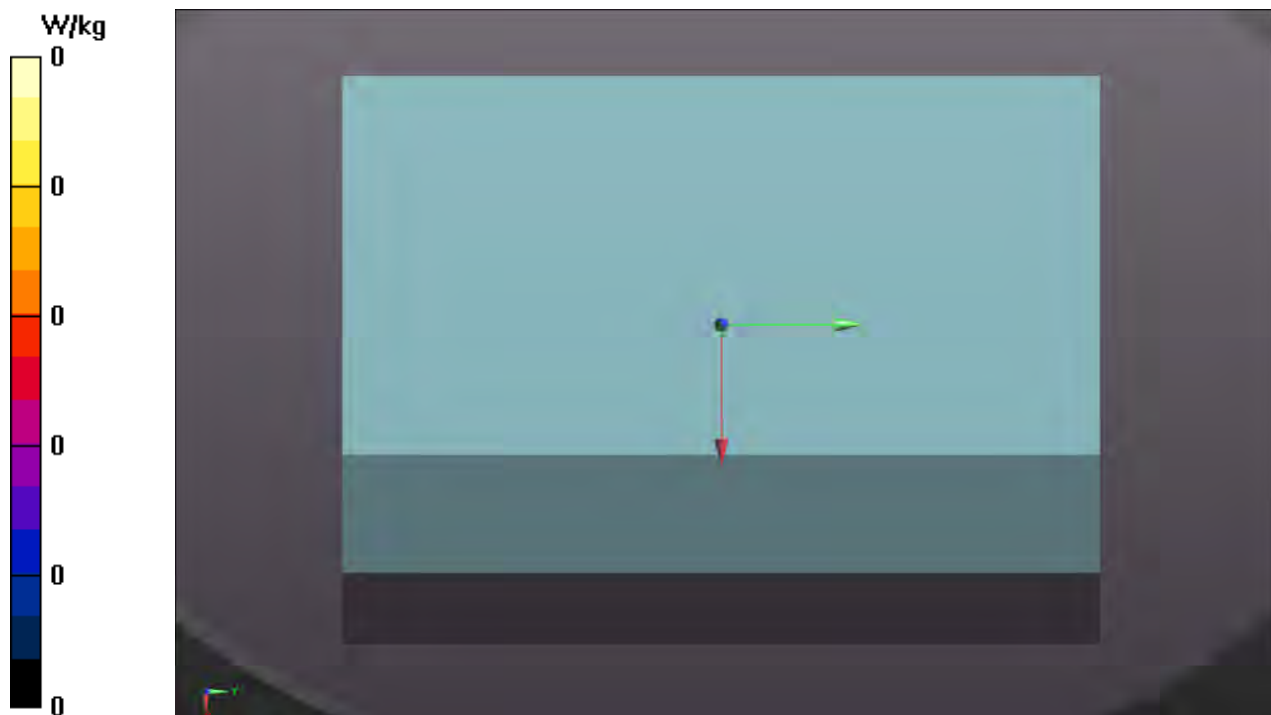
Ambient Temperature : 23.3 °C ; Liquid Temperature : 23.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7472; ConvF(5.78, 5.78, 5.78) @ 5250 MHz; Calibrated: 2021/06/03
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2021/06/02
- Phantom: ELI Phantom_1206; Type: QDOVA002AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (81x321x1): Interpolated grid: $dx=1.000$ mm, $dy=1.000$ mm

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



P08_WLAN5.6G_802.11ac VHT160_Bottom_0mm_Ch114_SKU AT_MG-AL_WNC_Ant 0+1**DUT: BEDW-WTW-P21090355**

Communication System: UID 10554 - AAD, IEEE 802.11ac WiFi (160MHz, MCS0); Frequency: 5570 MHz; Duty Cycle: 1:1.04

Medium: H34T60N1_1001 Medium parameters used: $f = 5570$ MHz; $\sigma = 5.143$ S/m; $\epsilon_r = 34.708$; $\rho = 1000$ kg/m³

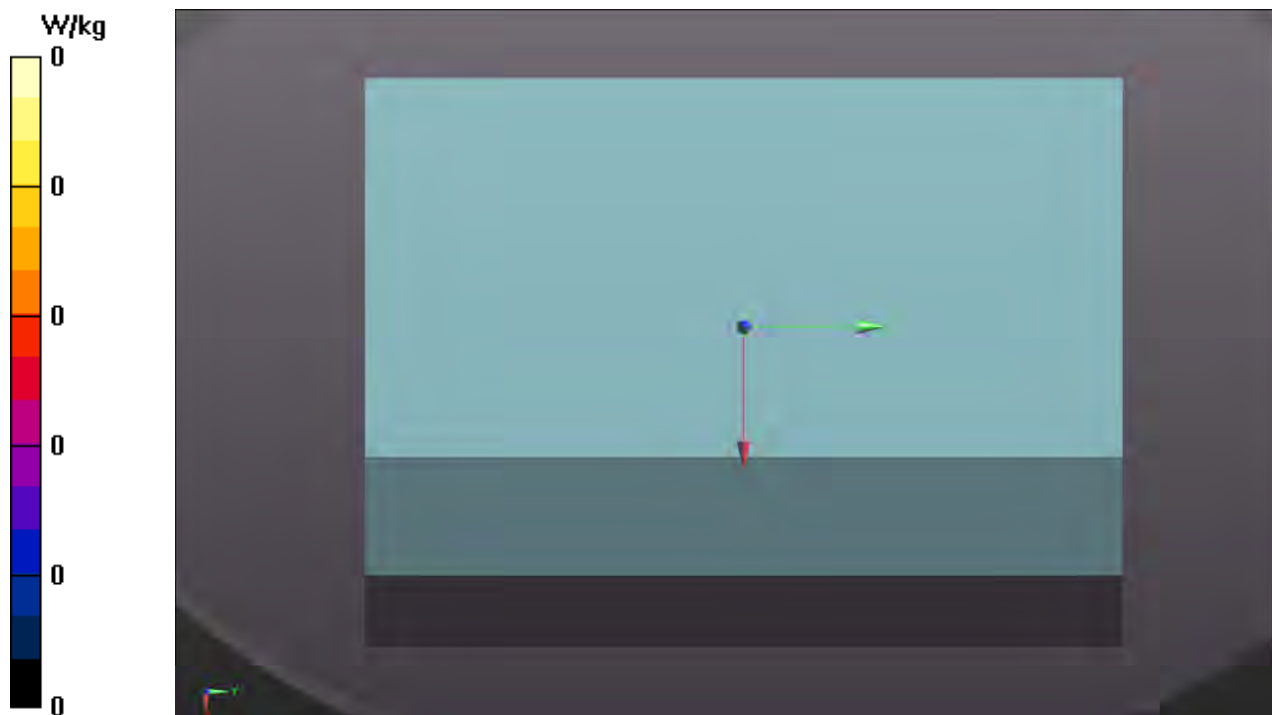
Ambient Temperature : 23.3 °C ; Liquid Temperature : 23.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7472; ConvF(4.95, 4.95, 4.95) @ 5570 MHz; Calibrated: 2021/06/03
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2021/06/02
- Phantom: ELI Phantom_1206; Type: QDOVA002AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (81x321x1): Interpolated grid: $dx=1.000$ mm, $dy=1.000$ mm

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



P09_WLAN5.8G_802.11ac VHT80_Bottom_0mm_Ch155_SKU AT_MG-AL_WNC_Ant 0+1**DUT: BEDW-WTW-P21090355**

Communication System: UID 10544 - AAC, IEEE 802.11ac WiFi (80MHz, MCS0); Frequency: 5775 MHz; Duty Cycle: 1:1.04

Medium: H34T60N1_1001 Medium parameters used: $f = 5775$ MHz; $\sigma = 5.371$ S/m; $\epsilon_r = 34.335$; $\rho = 1000$ kg/m³

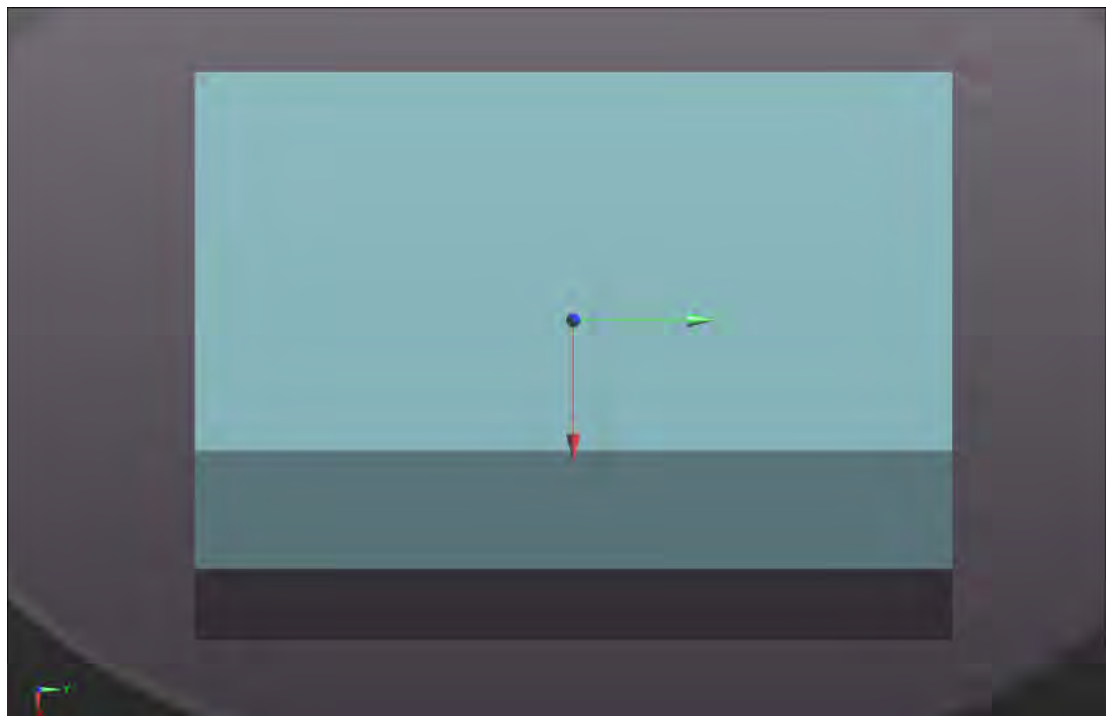
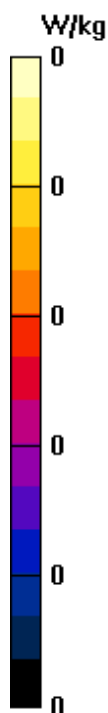
Ambient Temperature : 23.3 °C ; Liquid Temperature : 23.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7472; ConvF(5.25, 5.25, 5.25) @ 5775 MHz; Calibrated: 2021/06/03
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2021/06/02
- Phantom: ELI Phantom_1206; Type: QDOVA002AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (81x321x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

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



P10_BT_BDR_Bottom_0mm_Ch78_SKU AT_MG-AL_WNC_Ant 1**DUT: BEDW-WTW-P21090355**

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

Medium: H19T27N3_1001 Medium parameters used: $f = 2480$ MHz; $\sigma = 1.877$ S/m; $\epsilon_r = 38.426$; $\rho = 1000$ kg/m³

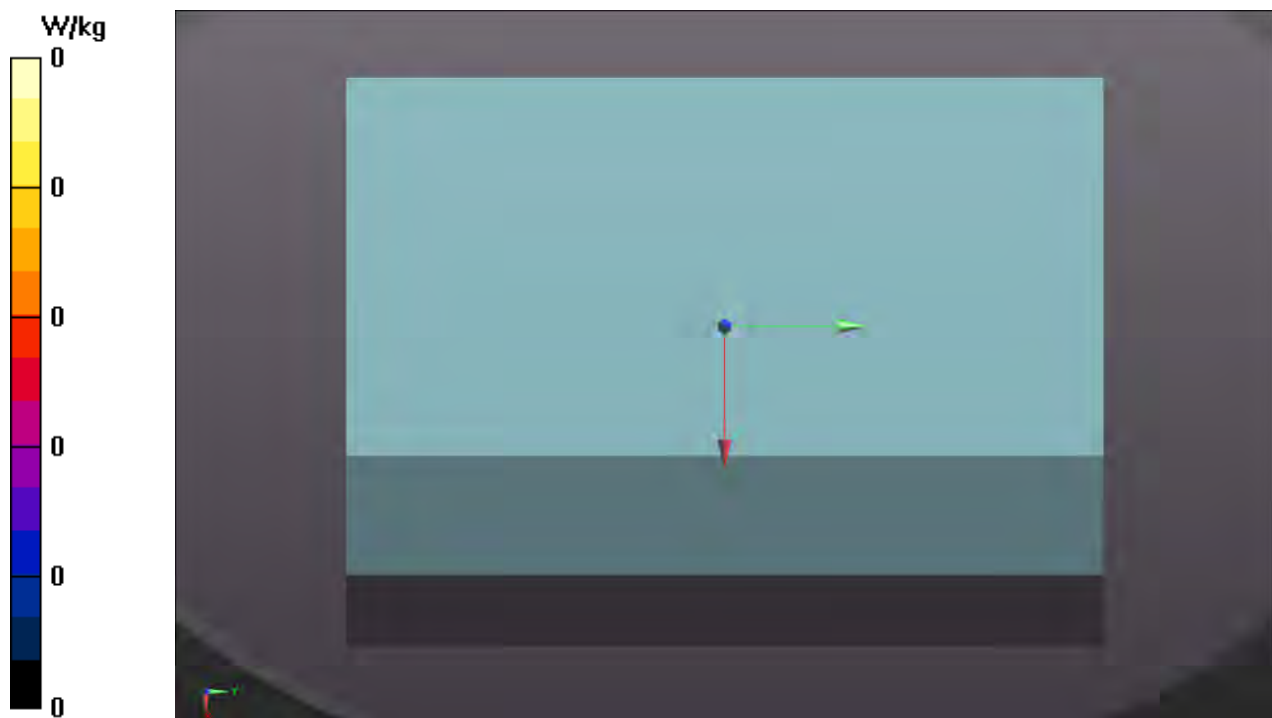
Ambient Temperature : 23.3 °C ; Liquid Temperature : 23.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7472; ConvF(7.89, 7.89, 7.89) @ 2480 MHz; Calibrated: 2021/06/03
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2021/06/02
- Phantom: ELI Phantom_1206; Type: QDOVA002AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (71x271x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

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



P11 WLAN2.4G_802.11n HT40_Bottom_0mm_Ch6_SKU AT_CF_HB_Ant 0+1**DUT: BEDW-WTW-P21090355**

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

Frequency: 2437 MHz; Duty Cycle: 1:1.01

Medium: H19T27N1_1002 Medium parameters used (interpolated): $f = 2437$ MHz; $\sigma = 1.86$ S/m; $\epsilon_r = 39.071$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C ; Liquid Temperature : 23.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7472; ConvF(7.89, 7.89, 7.89) @ 2437 MHz; Calibrated: 2021/06/03
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2021/06/02
- Phantom: ELI Phantom_1206; Type: QDOVA002AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (71x271x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

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



**P12_WLAN5.3G_802.11ac VHT160_Bottom_0mm_Ch50_SKU
AT_CF_HB_Ant 0+1****DUT: BEDW-WTW-P21090355**

Communication System: UID 10554 - AAD, IEEE 802.11ac WiFi (160MHz, MCS0); Frequency: 5250 MHz; Duty Cycle: 1:1.04

Medium: H34T60N1_1002 Medium parameters used (interpolated): $f = 5250$ MHz; $\sigma = 4.691$ S/m; $\epsilon_r = 37.689$; $\rho = 1000$ kg/m³

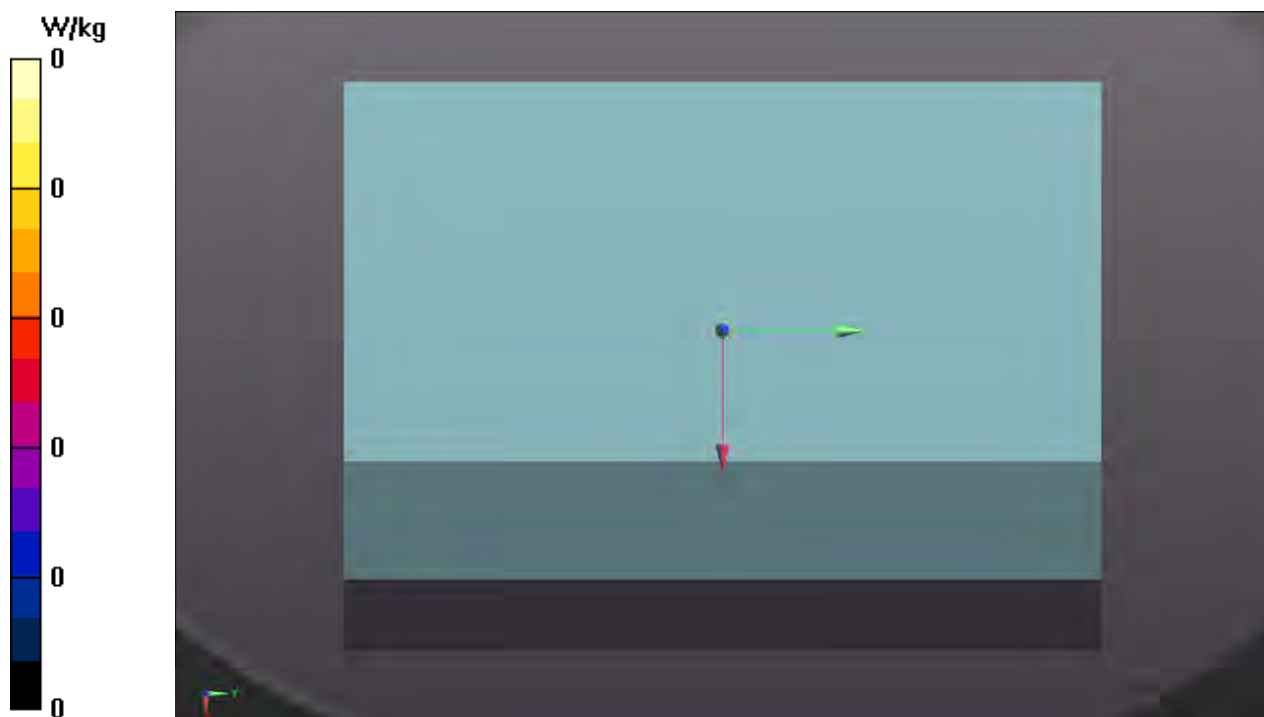
Ambient Temperature : 23.6 °C ; Liquid Temperature : 23.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7472; ConvF(5.78, 5.78, 5.78) @ 5250 MHz; Calibrated: 2021/06/03
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2021/06/02
- Phantom: ELI Phantom_1206; Type: QDOVA002AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (81x321x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

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



**P13_WLAN5.6G_802.11ac VHT160_Bottom_0mm_Ch114_SKU
AT_CF_HB_Ant 0+1****DUT: BEDW-WTW-P21090355**

Communication System: UID 10554 - AAD, IEEE 802.11ac WiFi (160MHz, MCS0); Frequency: 5570 MHz; Duty Cycle: 1:1.04

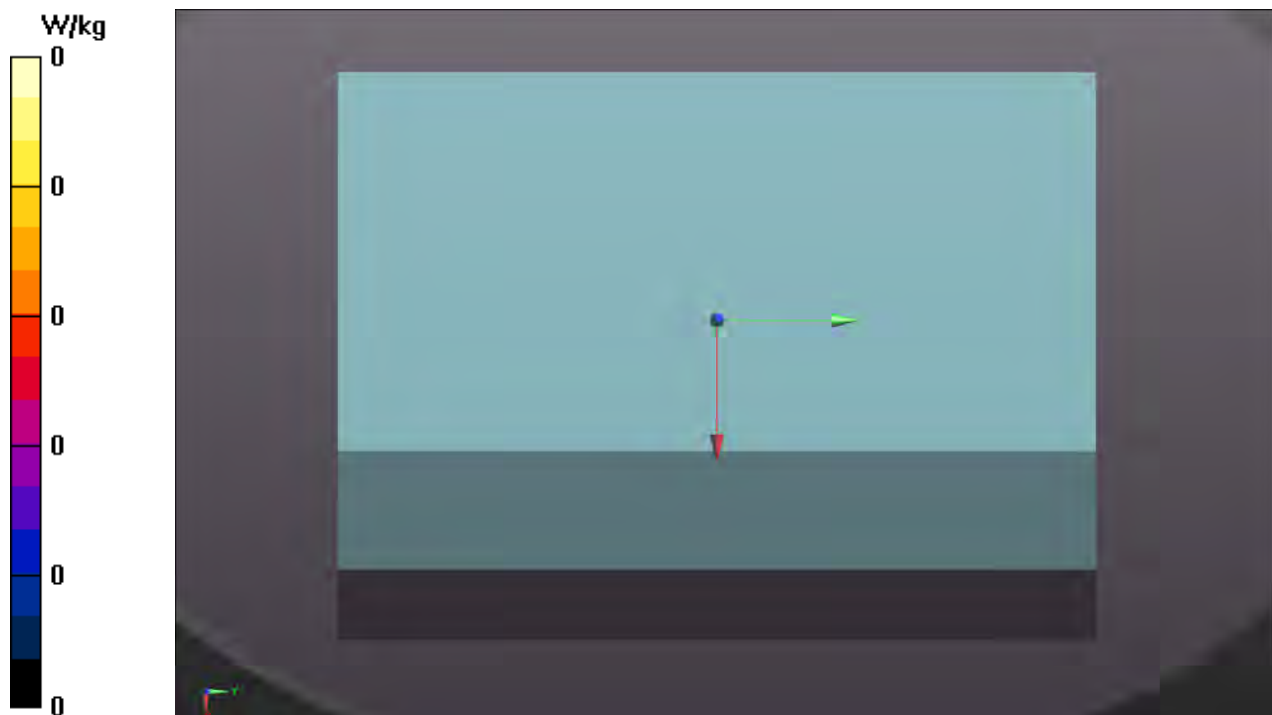
Medium: H34T60N1_1002 Medium parameters used (interpolated): $f = 5570$ MHz; $\sigma = 5.008$ S/m; $\epsilon_r = 37.24$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C ; Liquid Temperature : 23.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7472; ConvF(4.95, 4.95, 4.95) @ 5570 MHz; Calibrated: 2021/06/03
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2021/06/02
- Phantom: ELI Phantom_1206; Type: QDOVA002AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (81x321x1): Interpolated grid: $dx=1.000$ mm, $dy=1.000$ mm
Maximum value of SAR (interpolated) = 0 W/kg



**P14_WLAN5.8G_802.11ac VHT80_Bottom_0mm_Ch155_SKU
AT_CF_HB_Ant 0+1****DUT: BEDW-WTW-P21090355**

Communication System: UID 10544 - AAC, IEEE 802.11ac WiFi (80MHz, MCS0); Frequency: 5775 MHz; Duty Cycle: 1:1.04

Medium: H34T60N1_1002 Medium parameters used: $f = 5775$ MHz; $\sigma = 5.218$ S/m; $\epsilon_r = 36.96$; $\rho = 1000$ kg/m³

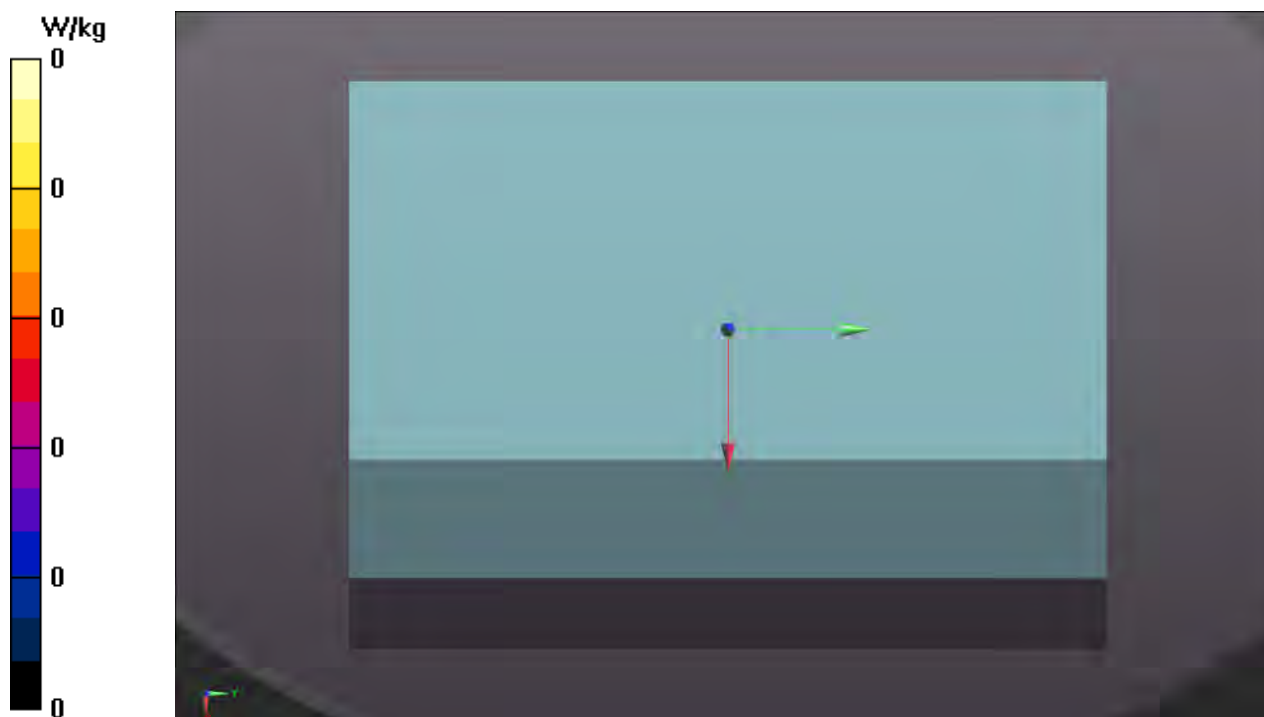
Ambient Temperature : 23.6 °C ; Liquid Temperature : 23.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7472; ConvF(5.25, 5.25, 5.25) @ 5775 MHz; Calibrated: 2021/06/03
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2021/06/02
- Phantom: ELI Phantom_1206; Type: QDOVA002AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (81x321x1): Interpolated grid: $dx=1.000$ mm, $dy=1.000$ mm

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



P15_BT_BDR_Bottom_0mm_Ch78_SKU AT_CF_HB_Ant 1**DUT: BEDW-WTW-P21090355**

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

Medium: H19T27N1_1002 Medium parameters used: $f = 2480$ MHz; $\sigma = 1.911$ S/m; $\epsilon_r = 38.954$; $\rho = 1000$ kg/m³

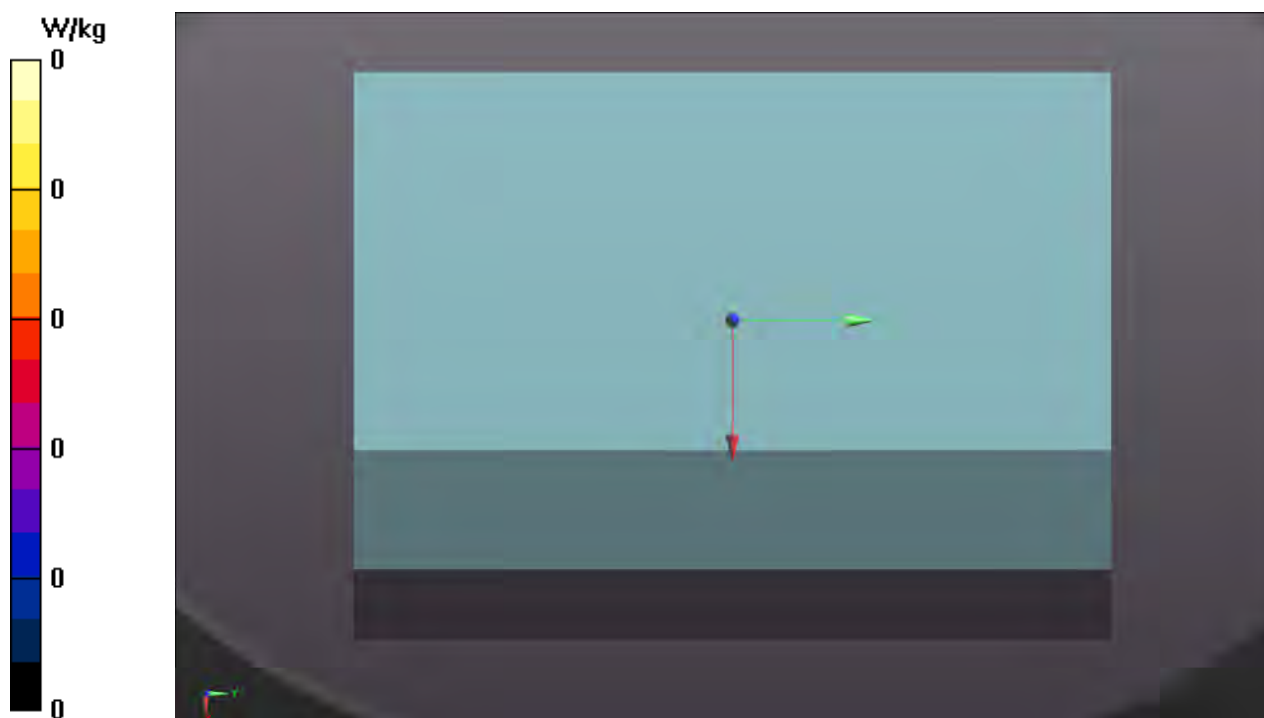
Ambient Temperature : 23.6 °C ; Liquid Temperature : 23.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7472; ConvF(7.89, 7.89, 7.89) @ 2480 MHz; Calibrated: 2021/06/03
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2021/06/02
- Phantom: ELI Phantom_1206; Type: QDOVA002AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (71x271x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0 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				System Validation					Note			
Plot No.	Frequency (MHz)	Liquid Temp. (°C)	Conductivity (σ)	Permittivity (ε _r)	Targeted Conductivity (σ)	Targeted Permittivity (ε _r)	Deviation Conductivity (σ)	Deviation Permittivity (ε _r)	Sensitivity Range	Probe Linearity	Probe Isotropy	Modulation Type	Duty Factor	PAR	Date	Frequency (MHz)	Targeted 1g SAR (W/kg)	Measured 1g SAR (W/kg)	Normalized 1g SAR (W/kg)	Deviation (%)	Dipole S/N	Probe S/N	DAE S/N	Output Power (dB)
S01	2450	23.3	1.805	38.071	1.8	39.2	0.28	-2.88	Pass	Pass	Pass	OFDM	N/A	Pass	Sep. 29, 2021	2450	52.70	2.71	54.07	2.60	835	3887	861	17
S02	5250	23.2	4.674	36.723	4.71	35.9	-0.76	2.29	Pass	Pass	Pass	OFDM	N/A	Pass	Sep. 30, 2021	5250	80.60	3.79	75.62	-6.18	1019	7472	579	17
S03	5600	23.2	5.032	36.265	5.07	35.5	-0.75	2.15	Pass	Pass	Pass	OFDM	N/A	Pass	Sep. 30, 2021	5600	82.40	4.16	83.00	0.73	1019	7472	579	17
S04	5750	23.2	5.192	36.058	5.22	35.4	-0.54	1.86	Pass	Pass	Pass	OFDM	N/A	Pass	Sep. 30, 2021	5750	79.40	3.71	74.02	-6.77	1019	7472	579	17
S05	2450	23.3	1.805	38.071	1.8	39.2	0.28	-2.88	Pass	Pass	Pass	OFDM	N/A	Pass	Sep. 29, 2021	2450	52.70	2.71	54.07	2.60	835	3887	861	17
S06	2450	23.1	1.848	38.521	1.8	39.2	2.67	-1.73	Pass	Pass	Pass	OFDM	N/A	Pass	Oct. 01, 2021	2450	52.70	2.49	49.68	-5.73	835	7472	579	17
S07	5250	23.1	4.795	35.269	4.71	35.9	1.80	-1.76	Pass	Pass	Pass	OFDM	N/A	Pass	Oct. 01, 2021	5250	80.60	3.85	76.82	-4.69	1019	7472	579	17
S08	5600	23.1	5.178	34.66	5.07	35.5	2.13	-2.37	Pass	Pass	Pass	OFDM	N/A	Pass	Oct. 01, 2021	5600	82.40	4.25	84.80	2.91	1019	7472	579	17
S09	5750	23.1	5.34	34.366	5.22	35.4	2.30	-2.92	Pass	Pass	Pass	OFDM	N/A	Pass	Oct. 01, 2021	5750	79.40	3.78	75.42	-5.01	1019	7472	579	17
S10	2450	23.1	1.848	38.521	1.8	39.2	2.67	-1.73	Pass	Pass	Pass	OFDM	N/A	Pass	Oct. 01, 2021	2450	52.70	2.49	49.68	-5.73	835	7472	579	17
S11	2450	23.4	1.874	39.022	1.8	39.2	4.11	-0.45	Pass	Pass	Pass	OFDM	N/A	Pass	Oct. 02, 2021	2450	52.70	2.51	50.08	-4.97	835	7472	579	17
S12	5250	23.4	4.691	37.689	4.71	35.9	-0.40	4.98	Pass	Pass	Pass	OFDM	N/A	Pass	Oct. 02, 2021	5250	80.60	3.82	76.22	-5.44	1019	7472	579	17
S13	5600	23.4	5.04	37.201	5.07	35.5	-0.59	4.79	Pass	Pass	Pass	OFDM	N/A	Pass	Oct. 02, 2021	5600	82.40	4.19	83.60	1.46	1019	7472	579	17
S14	5750	23.4	5.193	36.989	5.22	35.4	-0.52	4.49	Pass	Pass	Pass	OFDM	N/A	Pass	Oct. 02, 2021	5750	79.40	3.73	74.42	-6.27	1019	7472	579	17
S15	2450	23.4	1.874	39.022	1.8	39.2	4.11	-0.45	Pass	Pass	Pass	OFDM	N/A	Pass	Oct. 02, 2021	2450	52.70	2.51	50.08	-4.97	835	7472	579	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 (Full)							
WLAN 2.4GHz							
Mode	Channel	Frequency	SISO Ant 0 Max Tune up	SISO Ant 1 Max Tune up	MIMO Ant 0 Tune up	MIMO Ant 1 Tune up	MIMO Ant 0+1 Max Tune up
802.11n 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 (Full)			
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 (Full)							
WLAN 5.2GHz							
Mode	Channel	Frequency	SISO Ant 0 Max Tune up	SISO Ant 1 Max Tune up	MIMO Ant 0 Tune up	MIMO Ant 1 Tune up	MIMO Ant 0+1 Max Tune up
802.11a	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
	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 (Full)							
WLAN 5.3GHz							
Mode	Channel	Frequency	SISO Ant 0 Max Tune up	SISO Ant 1 Max Tune up	MIMO Ant 0 Tune up	MIMO Ant 1 Tune up	MIMO Ant 0+1 Max Tune up
802.11n 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 (Full)							
WLAN 5.6GHz							
Mode	Channel	Frequency	SISO Ant 0 Max Tune up	SISO Ant 1 Max Tune up	MIMO Ant 0 Tune up	MIMO Ant 1 Tune up	MIMO Ant 0+1 Max Tune up
802.11n 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 (Full)							
WLAN 5.8GHz							
Mode	Channel	Frequency	SISO Ant 0 Max Tune up	SISO Ant 1 Max Tune up	MIMO Ant 0 Tune up	MIMO Ant 1 Tune up	MIMO Ant 0+1 Max Tune up
802.11n 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

Annex E. Measured Conducted Power Result

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

WLAN Conducted Power (Full)			
WLAN2.4GHz Ant 0			
Mode	Channel	Frequency	SISO Ant 0 Avg. Power
802.11b	1	2412	16.98
	6	2437	16.99
	11	2462	16.93
	12	2467	16.67
	13	2472	16.78
802.11n HT20	1	2412	16.94
	6	2437	16.92
	11	2462	16.9
	12	2467	15.61
	13	2472	12.37
802.11n HT40	3	2422	16.96
	6	2437	16.91
	9	2452	16.84
	10	2457	13.41
	11	2462	11.72
802.11ax HE20	1	2412	16.88
	6	2437	16.94
	11	2462	16.87
	12	2467	16.66
	13	2472	13.63
802.11ax HE40	3	2422	16.95
	6	2437	16.84
	9	2452	16.58
	10	2457	13.78
	11	2462	11.01

WLAN Conducted Power (Full)			
WLAN2.4GHz Ant 1			
Mode	Channel	Frequency	SISO Ant 1 Avg. Power
802.11b	1	2412	16.83
	6	2437	16.89
	11	2462	16.85
	12	2467	16.87
	13	2472	16.88
802.11n HT20	1	2412	16.89
	6	2437	16.81
	11	2462	16.92
	12	2467	15.15
	13	2472	12.11
802.11n HT40	3	2422	16.94
	6	2437	16.89
	9	2452	16.8
	10	2457	13.23
	11	2462	11.67
802.11ax HE20	1	2412	16.96
	6	2437	16.87
	11	2462	16.8
	12	2467	16.55
	13	2472	13.62
802.11ax HE40	3	2422	16.88
	6	2437	16.9
	9	2452	16.82
	10	2457	13.57
	11	2462	11.02

WLAN Conducted Power (Full)					
WLAN2.4GHz Ant 0+1					
Mode	Channel	Frequency	MIMO Ant 0 Avg. Power	MIMO Ant 1 Avg. Power	MIMO Ant 0+1 Avg. Power
802.11n HT20	1	2412	16.9	16.84	19.88
	6	2437	16.88	16.81	19.86
	11	2462	16.9	16.86	19.89
	12	2467	12.85	12.11	15.51
	13	2472	9.81	9.16	12.51
802.11n HT40	3	2422	16.89	16.84	19.88
	6	2437	16.95	16.99	19.98
	9	2452	15.67	15.74	18.72
	10	2457	12.7	12.69	15.71
	11	2462	8.88	8.71	11.81
802.11ax HE20	1	2412	16.85	16.81	19.84
	6	2437	16.88	16.84	19.87
	11	2462	16.86	16.82	19.85
	12	2467	12.61	12.51	15.57
	13	2472	9.51	9.64	12.59
802.11ax HE40	3	2422	16.87	16.91	19.9
	6	2437	16.9	16.84	19.88
	9	2452	15.66	15.8	18.74
	10	2457	12.56	12.59	15.59
	11	2462	9.61	9.69	12.66

WLAN Conducted Power (Full)			
Bluetooth Ant 1			
Mode	Channel	Frequency	SISO Ant 1 Avg. Power
BR / EDR	0	2402	9.66
	39	2441	9.88
	78	2480	10.18
LE	0	2402	8.88
	19	2440	8.83
	39	2480	8.71

WLAN Conducted Power (Full)			
WLAN 5.2GHz Ant 0			
Mode	Channel	Frequency	SISO Ant 0 Avg. Power
802.11n HT20	36	5180	13.39
	40	5200	13.37
	44	5220	13.39
	48	5240	13.31
802.11n HT40	38	5190	13.34
	46	5230	13.31
802.11ac VHT80	42	5210	13.49
802.11ax HE20	36	5180	13.39
	40	5200	13.33
	44	5220	13.29
	48	5240	13.31
802.11ax HE40	38	5190	13.36
	46	5230	13.35
802.11ax HE80	42	5210	13.39

WLAN Conducted Power (Full)			
WLAN 5.2GHz Ant 1			
Mode	Channel	Frequency	SISO Ant 1 Avg. Power
802.11n HT20	36	5180	14.82
	40	5200	14.86
	44	5220	14.86
	48	5240	14.84
802.11n HT40	38	5190	14.88
	46	5230	14.89
802.11ac VHT80	42	5210	14.96
802.11ax HE20	36	5180	14.82
	40	5200	14.85
	44	5220	14.84
	48	5240	14.81
802.11ax HE40	38	5190	14.79
	46	5230	14.83
802.11ax HE80	42	5210	14.83

WLAN Conducted Power (Full)					
WLAN 5.2GHz Ant 0+1					
Mode	Channel	Frequency	MIMO Ant 0 Avg. Power	MIMO Ant 1 Avg. Power	MIMO Ant 0+1 Avg. Power
802.11n HT20	36	5180	13.36	13.39	16.39
	40	5200	13.36	13.31	16.35
	44	5220	13.31	13.35	16.34
	48	5240	13.4	13.39	16.41
802.11n HT40	38	5190	13.39	13.3	16.36
	46	5230	13.34	13.3	16.33
802.11ac VHT80	42	5210	13.49	13.43	16.47
802.11ax HE20	36	5180	13.39	13.38	16.4
	40	5200	13.33	13.39	16.37
	44	5220	13.35	13.34	16.36
	48	5240	13.37	13.39	16.39
802.11ax HE40	38	5190	13.34	13.34	16.35
	46	5230	13.33	13.32	16.34
802.11ax HE80	42	5210	13.4	13.36	16.39

WLAN Conducted Power (Full)			
WLAN 5.3GHz Ant 0			
Mode	Channel	Frequency	SISO Ant 0 Avg. Power
802.11n HT20	52	5260	13.32
	56	5280	13.36
	60	5300	13.29
	64	5320	13.39
802.11n HT40	54	5270	13.35
	62	5310	13.29
802.11ac VHT80	58	5290	13.33
802.11ac VHT160	50	5250	13.47
802.11ax HE20	52	5260	13.33
	56	5280	13.37
	60	5300	13.31
	64	5320	13.33
802.11ax HE40	54	5270	13.36
	62	5310	13.37
802.11ax HE80	58	5290	13.33
802.11ax HE160	50	5250	13.29

WLAN Conducted Power (Full)			
WLAN 5.3GHz Ant 1			
Mode	Channel	Frequency	SISO Ant 1 Avg. Power
802.11n HT20	52	5260	14.84
	56	5280	14.84
	60	5300	14.89
	64	5320	14.83
802.11n HT40	54	5270	14.86
	62	5310	14.89
802.11ac VHT80	58	5290	14.89
802.11ac VHT160	50	5250	14.95
802.11ax HE20	52	5260	14.84
	56	5280	14.84
	60	5300	14.82
	64	5320	14.83
802.11ax HE40	54	5270	14.84
	62	5310	14.79
802.11ax HE80	58	5290	14.84
802.11ax HE160	50	5250	14.81

WLAN Conducted Power (Full)					
WLAN 5.3GHz Ant 0+1					
Mode	Channel	Frequency	MIMO Ant 0 Avg. Power	MIMO Ant 1 Avg. Power	MIMO Ant 0+1 Avg. Power
802.11n HT20	52	5260	13.33	13.33	16.34
	56	5280	13.4	13.3	16.36
	60	5300	13.32	13.31	16.33
	64	5320	13.4	13.3	16.36
802.11n HT40	54	5270	13.33	13.31	16.33
	62	5310	13.35	13.33	16.35
802.11ac VHT80	58	5290	13.39	13.28	16.35
802.11ac VHT160	50	5250	13.49	13.48	16.5
802.11ax HE20	52	5260	13.4	13.3	16.36
	56	5280	13.31	13.38	16.36
	60	5300	13.31	13.31	16.32
	64	5320	13.36	13.28	16.33
802.11ax HE40	54	5270	13.38	13.33	16.37
	62	5310	13.31	13.28	16.31
802.11ax HE80	58	5290	13.34	13.35	16.36
802.11ax HE160	50	5250	13.44	13.37	16.42

WLAN Conducted Power (Full)			
WLAN 5.6GHz Ant 0			
Mode	Channel	Frequency	SISO Ant 0 Avg. Power
802.11n HT20	100	5500	13.33
	116	5580	13.34
	120	5600	13.33
	124	5620	13.39
	132	5660	13.39
	140	5700	13.32
	144	5720	13.32
802.11n HT40	102	5510	13.36
	110	5550	13.39
	118	5590	13.33
	126	5630	13.36
	134	5670	13.3
	142	5710	13.34
802.11ac VHT80	106	5530	13.48
	122	5610	13.39
	138	5690	13.49
802.11ac VHT160	114	5570	13.49
802.11ax HE20	100	5500	13.37
	116	5580	13.36
	120	5600	13.35
	124	5620	13.38
	132	5660	13.36
	140	5700	13.3
	144	5720	13.29
802.11ax HE40	102	5510	13.38
	110	5550	13.37
	118	5590	13.39
	126	5630	13.36
	134	5670	13.34
	142	5710	13.33
802.11ax HE80	106	5530	13.38
	122	5610	13.37
	138	5690	13.39
802.11ax HE160	114	5570	13.36

WLAN Conducted Power (Full)			
WLAN 5.6GHz Ant 1			
Mode	Channel	Frequency	SISO Ant 1 Avg. Power
802.11n HT20	100	5500	13.36
	116	5580	13.36
	120	5600	13.32
	124	5620	13.36
	132	5660	13.37
	140	5700	13.31
	144	5720	13.34
802.11n HT40	102	5510	13.39
	110	5550	13.36
	118	5590	13.35
	126	5630	13.37
	134	5670	13.36
	142	5710	13.36
802.11ac VHT80	106	5530	13.48
	122	5610	13.47
	138	5690	13.49
802.11ac VHT160	114	5570	13.47
802.11ax HE20	100	5500	13.38
	116	5580	13.39
	120	5600	13.37
	124	5620	13.32
	132	5660	13.38
	140	5700	13.33
	144	5720	13.3
802.11ax HE40	102	5510	13.3
	110	5550	13.35
	118	5590	13.34
	126	5630	13.32
	134	5670	13.38
	142	5710	13.36
802.11ax HE80	106	5530	13.32
	122	5610	13.38
	138	5690	13.33
802.11ax HE160	114	5570	13.3

WLAN Conducted Power (Full)					
WLAN 5.6GHz Ant 0+1					
Mode	Channel	Frequency	MIMO Ant 0 Avg. Power	MIMO Ant 1 Avg. Power	MIMO Ant 0+1 Avg. Power
802.11n HT20	100	5500	13.4	13.35	16.39
	116	5580	13.3	13.3	16.31
	120	5600	13.39	13.3	16.36
	124	5620	13.37	13.32	16.36
	132	5660	13.39	13.34	16.38
	140	5700	13.36	13.36	16.37
	144	5720	13.3	13.4	16.36
802.11n HT40	102	5510	13.35	13.34	16.36
	110	5550	13.37	13.33	16.36
	118	5590	13.31	13.38	16.36
	126	5630	13.35	13.36	16.37
	134	5670	13.4	13.3	16.36
	142	5710	13.4	13.32	16.37
802.11ac VHT80	106	5530	13.46	13.45	16.47
	122	5610	13.47	13.46	16.48
	138	5690	13.48	13.49	16.5
802.11ac VHT160	114	5570	13.49	13.48	16.5
802.11ax HE20	100	5500	13.36	13.36	16.37
	116	5580	13.33	13.31	16.33
	120	5600	13.4	13.33	16.38
	124	5620	13.38	13.34	16.37
	132	5660	13.4	13.38	16.4
	140	5700	13.34	13.37	16.37
	144	5720	13.37	13.3	16.35
802.11ax HE40	102	5510	13.4	13.31	16.37
	110	5550	13.36	13.36	16.37
	118	5590	13.39	13.36	16.39
	126	5630	13.36	13.31	16.35
	134	5670	13.33	13.3	16.33
	142	5710	13.38	13.35	16.38
802.11ax HE80	106	5530	13.4	13.4	16.41
	122	5610	13.36	13.34	16.36
	138	5690	13.39	13.33	16.37
802.11ax HE160	114	5570	13.36	13.38	16.38

WLAN Conducted Power (Full)			
WLAN 5.8GHz Ant 0			
Mode	Channel	Frequency	SISO Ant 0 Avg. Power
802.11a	149	5745	13.8
	153	5765	13.81
	157	5785	13.82
	161	5805	13.83
	165	5825	13.89
802.11n HT20	149	5745	13.83
	153	5765	13.8
	157	5785	13.86
	161	5805	13.87
	165	5825	13.88
802.11n HT40	151	5755	13.8
	159	5795	13.89
802.11ac VHT80	155	5775	13.98
802.11ax HE20	149	5745	13.85
	153	5765	13.83
	157	5785	13.88
	161	5805	13.81
	165	5825	13.82
802.11ax HE40	151	5755	13.88
	159	5795	13.86
802.11ax HE80	155	5775	13.86

WLAN Conducted Power (Full)			
WLAN 5.8GHz Ant 1			
Mode	Channel	Frequency	SISO Ant 1 Avg. Power
802.11a	149	5745	13.79
	153	5765	13.83
	157	5785	13.81
	161	5805	13.74
	165	5825	13.74
802.11n HT20	149	5745	13.84
	153	5765	13.83
	157	5785	13.78
	161	5805	13.75
	165	5825	13.81
802.11n HT40	151	5755	13.8
	159	5795	13.79
802.11ac VHT80	155	5775	13.87
802.11ax HE20	149	5745	13.83
	153	5765	13.74
	157	5785	13.82
	161	5805	13.82
	165	5825	13.78
802.11ax HE40	151	5755	13.76
	159	5795	13.77
802.11ax HE80	155	5775	13.84

WLAN Conducted Power (Full)					
WLAN 5.8GHz Ant 0+1					
Mode	Channel	Frequency	MIMO Ant 0 Avg. Power	MIMO Ant 1 Avg. Power	MIMO Ant 0+1 Avg. Power
802.11n HT20	149	5745	13.83	13.75	16.8
	153	5765	13.81	13.79	16.81
	157	5785	13.89	13.82	16.87
	161	5805	13.87	13.77	16.83
	165	5825	13.8	13.83	16.83
802.11n HT40	151	5755	13.81	13.78	16.81
	159	5795	13.85	13.84	16.86
802.11ac VHT80	155	5775	13.98	13.86	16.93
802.11ax HE20	149	5745	13.9	13.82	16.87
	153	5765	13.82	13.78	16.81
	157	5785	13.82	13.82	16.83
	161	5805	13.81	13.8	16.82
	165	5825	13.83	13.81	16.83
802.11ax HE40	151	5755	13.88	13.83	16.87
	159	5795	13.8	13.8	16.81
802.11ax HE80	155	5775	13.9	13.8	16.86

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	Sample	Material of Cover	Antenna Manufacturer	Ant Status	Duty Cycle	Crest Factor	Max. Tune-up Power (dBm)	Measured Conducted Power (dBm)	Scaling Factor	Power Drift (dB)	Measured SAR-1g (W/kg)	Scaled SAR-1g (W/kg)
	WLAN2.4G	802.11b	Bottom	0	6	SKU AB	AL	WNC	Ant 0	96.30	1.04	17.00	16.99	1.00	-0.03	1.02	1.06
	WLAN2.4G	802.11b	Bottom	0	6	SKU AB	AL	WNC	Ant 1	97.20	1.03	17.00	16.89	1.03	-0.18	0.738	0.78
	WLAN2.4G	802.11n HT40	Bottom	0	6	SKU AB	AL	WNC	Ant 0+1	98.70	1.01	20.00	19.98	1.00	-0.07	0.781	0.79
	WLAN2.4G	802.11b	Bottom	0	1	SKU AB	AL	WNC	Ant 0	96.30	1.04	17.00	16.98	1.00	-0.18	0.953	0.99
	WLAN2.4G	802.11b	Bottom	0	11	SKU AB	AL	WNC	Ant 0	96.30	1.04	17.00	16.93	1.02	0.1	0.976	1.04
1	WLAN2.4G	802.11b	Bottom	0	12	SKU AB	AL	WNC	Ant 0	96.30	1.04	17.00	16.67	1.08	-0.05	1.04	1.17
	WLAN2.4G	802.11b	Bottom	0	13	SKU AB	AL	WNC	Ant 0	96.30	1.04	17.00	16.78	1.05	-0.02	0.972	1.06
	WLAN2.4G	802.11b	Bottom	0	12	SKU AB	AL	HB	Ant 0	96.30	1.04	17.00	16.98	1.00	-0.1	0.722	0.75
	WLAN2.4G	802.11b	Bottom	0	12	SKU AB	AL	Speed	Ant 0	96.30	1.04	17.00	16.98	1.00	0.13	0.899	0.93
	WLAN2.4G	802.11b	Bottom	0	12	SKU AB	AL	Auden	Ant 0	96.30	1.04	17.00	16.98	1.00	0.13	0.751	0.78
	WLAN2.4G	802.11b	Bottom	0	12	SKU AB	CF	WNC	Ant 0	96.30	1.04	17.00	16.99	1.00	-0.14	0.763	0.79
	WLAN2.4G	802.11b	Bottom	0	1	SKU AB	AL	Speed	Ant 0	96.30	1.04	17.00	16.98	1.00	-0.18	0.933	0.97
	WLAN2.4G	802.11b	Bottom	0	6	SKU AB	AL	Speed	Ant 0	96.30	1.04	17.00	16.93	1.02	0.1	0.954	1.01
	WLAN2.4G	802.11b	Bottom	0	11	SKU AB	AL	Speed	Ant 0	96.30	1.04	17.00	16.67	1.08	-0.05	0.955	1.07
	WLAN2.4G	802.11b	Bottom	0	13	SKU AB	AL	Speed	Ant 0	96.30	1.04	17.00	16.78	1.05	-0.02	0.911	0.99
	WLAN2.4G	802.11b	Bottom	0	12	SKU AB	AL	WNC	Ant 0	96.30	1.04	17.00	16.67	1.08	0.06	0.992	1.11
	WLAN5.3G	802.11ac VHT160	Bottom	0	50	SKU AB	AL	WNC	Ant 0	97.00	1.03	13.50	13.47	1.01	0.06	0.991	1.03
	WLAN5.3G	802.11ac VHT160	Bottom	0	50	SKU AB	AL	WNC	Ant 1	97.10	1.03	15.00	14.95	1.01	0.14	0.986	1.03
	WLAN5.3G	802.11ac VHT160	Bottom	0	50	SKU AB	AL	WNC	Ant 0+1	96.20	1.04	16.50	16.50	1.00	-0.07	1.01	1.05
	WLAN5.3G	802.11ac VHT160	Bottom	0	50	SKU AB	AL	HB	Ant 0+1	96.20	1.04	16.50	16.50	1.00	0.19	0.681	0.71
2	WLAN5.3G	802.11ac VHT160	Bottom	0	50	SKU AB	AL	Speed	Ant 0+1	96.20	1.04	16.50	16.50	1.00	0.03	1.14	1.19
	WLAN5.3G	802.11ac VHT160	Bottom	0	50	SKU AB	AL	Auden	Ant 0+1	96.20	1.04	16.50	16.50	1.00	0.19	0.731	0.76
	WLAN5.3G	802.11ac VHT160	Bottom	0	50	SKU AB	CF	Speed	Ant 0+1	96.20	1.04	16.50	16.50	1.00	0.11	1.11	1.15
	WLAN5.3G	802.11ac VHT160	Bottom	0	50	SKU AB	AL	Speed	Ant 0+1	96.20	1.04	16.50	16.50	1.00	0.11	1.08	1.12
	WLAN5.6G	802.11ac VHT160	Bottom	0	114	SKU AB	AL	WNC	Ant 0	97.00	1.03	13.50	13.49	1.00	0.11	1.08	1.11
	WLAN5.6G	802.11ac VHT160	Bottom	0	114	SKU AB	AL	WNC	Ant 1	97.10	1.03	13.50	13.47	1.01	-0.19	0.805	0.84
3	WLAN5.6G	802.11ac VHT160	Bottom	0	114	SKU AB	AL	WNC	Ant 0+1	96.20	1.04	16.50	16.50	1.00	0.13	1.11	1.15
	WLAN5.6G	802.11ac VHT160	Bottom	0	114	SKU AB	AL	HB	Ant 0+1	96.20	1.04	16.50	16.50	1.00	0.06	1.09	1.13
	WLAN5.6G	802.11ac VHT160	Bottom	0	114	SKU AB	AL	Speed	Ant 0+1	96.20	1.04	16.50	16.50	1.00	-0.06	1.06	1.10
	WLAN5.6G	802.11ac VHT160	Bottom	0	114	SKU AB	AL	Auden	Ant 0+1	96.20	1.04	16.50	16.50	1.00	-0.06	1.04	1.08
	WLAN5.6G	802.11ac VHT160	Bottom	0	114	SKU AB	CF	WNC	Ant 0+1	96.20	1.04	16.50	16.50	1.00	0.03	1.09	1.13
	WLAN5.6G	802.11ac VHT160	Bottom	0	114	SKU AB	AL	WNC	Ant 0+1	96.20	1.04	16.50	16.50	1.00	0.16	1.06	1.10
4	WLAN5.8G	802.11ac VHT80	Bottom	0	155	SKU AB	AL	WNC	Ant 0	97.10	1.03	14.00	13.98	1.00	0.09	1.01	1.04
	WLAN5.8G	802.11ac VHT80	Bottom	0	155	SKU AB	AL	WNC	Ant 1	96.60	1.04	14.00	13.87	1.03	0.05	0.573	0.61
	WLAN5.8G	802.11ac VHT80	Bottom	0	155	SKU AB	AL	WNC	Ant 0+1	96.30	1.04	17.00	16.93	1.02	0.11	0.941	1.00
	WLAN5.8G	802.11ac VHT80	Bottom	0	155	SKU AB	AL	HB	Ant 0	97.10	1.03	14.00	13.98	1.00	0.06	0.614	0.63
	WLAN5.8G	802.11ac VHT80	Bottom	0	155	SKU AB	AL	Speed	Ant 0	97.10	1.03	14.00	13.98	1.00	-0.03	0.994	1.02
	WLAN5.8G	802.11ac VHT80	Bottom	0	155	SKU AB	AL	Auden	Ant 0	97.10	1.03	14.00	13.98	1.00	-0.03	0.988	1.02
	WLAN5.8G	802.11ac VHT80	Bottom	0	155	SKU AB	CF	WNC	Ant 0	97.10	1.03	14.00	13.98	1.00	-0.07	0.601	0.62
	WLAN5.8G	802.11ac VHT80	Bottom	0	155	SKU AB	AL	WNC	Ant 0	97.10	1.03	14.00	13.98	1.00	0.03	0.986	1.02

Body SAR Test Result

System & Position																	
System & Position						DUT & Accessory				SAR							
Plot No.	Band	Mode	Test Position	Separation Distance (mm)	Channel	Sample	Material of Cover	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)
5	BT	BDR	Bottom	0	78	SKU AB	AL	WNC	Ant 1	76.80	1.30	10.50	10.18	1.08	0.1	0.078	0.11
	BT	BDR	Bottom	0	0	SKU AB	AL	WNC	Ant 1	76.80	1.30	10.50	9.66	1.21	0.01	0.122	0.19
	BT	BDR	Bottom	0	39	SKU AB	AL	WNC	Ant 1	76.80	1.30	10.50	9.88	1.15	0.09	0.109	0.16
	BT	BDR	Bottom	0	0	SKU AB	AL	HB	Ant 1	76.80	1.30	10.50	9.66	1.21	0.12	0.11	0.17
	BT	BDR	Bottom	0	0	SKU AB	AL	Speed	Ant 1	76.80	1.30	10.50	9.66	1.21	0.04	0.114	0.18
	BT	BDR	Bottom	0	0	SKU AB	AL	Auden	Ant 1	76.80	1.30	10.50	9.66	1.21	0.04	0.109	0.17
	BT	BDR	Bottom	0	0	SKU AB	CF	WNC	Ant 1	76.80	1.30	10.50	9.66	1.21	-0.08	0.116	0.18
6	WLAN2.4G	802.11b	Bottom	0	6	SKU AT	MG-AL	WNC	Ant 0	96.30	1.04	17.00	16.99	1.00	0	<0.001	0.00
	WLAN2.4G	802.11b	Bottom	0	6	SKU AT	MG-AL	WNC	Ant 1	97.20	1.03	17.00	16.89	1.03	0	<0.001	0.00
	WLAN2.4G	802.11n HT40	Bottom	0	6	SKU AT	MG-AL	WNC	Ant 0+1	98.70	1.01	20.00	19.98	1.00	0	<0.001	0.00
	WLAN2.4G	802.11n HT40	Bottom	0	3	SKU AT	MG-AL	WNC	Ant 0+1	98.70	1.01	20.00	19.88	1.03	0	<0.001	0.00
	WLAN2.4G	802.11n HT40	Bottom	0	9	SKU AT	MG-AL	WNC	Ant 0+1	98.70	1.01	19.00	18.72	1.07	0	<0.001	0.00
	WLAN2.4G	802.11n HT40	Bottom	0	10	SKU AT	MG-AL	WNC	Ant 0+1	98.70	1.01	16.00	15.71	1.07	0	<0.001	0.00
	WLAN2.4G	802.11n HT40	Bottom	0	11	SKU AT	MG-AL	WNC	Ant 0+1	98.70	1.01	12.00	11.81	1.04	0	<0.001	0.00
	WLAN2.4G	802.11n HT40	Bottom	0	6	SKU AT	MG-AL	HB	Ant 0+1	98.70	1.01	20.00	19.98	1.00	0	<0.001	0.00
	WLAN2.4G	802.11n HT40	Bottom	0	6	SKU AT	MG-AL	Speed	Ant 0+1	98.70	1.01	20.00	19.98	1.00	0	<0.001	0.00
7	WLAN5.3G	802.11ac VHT160	Bottom	0	50	SKU AT	MG-AL	WNC	Ant 0	97.00	1.03	13.50	13.47	1.01	0	<0.001	0.00
	WLAN5.3G	802.11ac VHT160	Bottom	0	50	SKU AT	MG-AL	WNC	Ant 1	97.10	1.03	15.00	14.95	1.01	0	<0.001	0.00
	WLAN5.3G	802.11ac VHT160	Bottom	0	50	SKU AT	MG-AL	WNC	Ant 0+1	96.20	1.04	16.50	16.50	1.00	0	<0.001	0.00
	WLAN5.3G	802.11ac VHT160	Bottom	0	50	SKU AT	MG-AL	HB	Ant 0+1	96.20	1.04	16.50	16.50	1.00	0	<0.001	0.00
	WLAN5.3G	802.11ac VHT160	Bottom	0	50	SKU AT	MG-AL	Speed	Ant 0+1	96.20	1.04	16.50	16.50	1.00	0	<0.001	0.00
															0		
8	WLAN5.6G	802.11ac VHT160	Bottom	0	114	SKU AT	MG-AL	WNC	Ant 0	97.00	1.03	13.50	13.49	1.00	0	<0.001	0.00
	WLAN5.6G	802.11ac VHT160	Bottom	0	114	SKU AT	MG-AL	WNC	Ant 1	97.10	1.03	13.50	13.47	1.01	0	<0.001	0.00
	WLAN5.6G	802.11ac VHT160	Bottom	0	114	SKU AT	MG-AL	WNC	Ant 0+1	96.20	1.04	16.50	16.50	1.00	0	<0.001	0.00
	WLAN5.6G	802.11ac VHT160	Bottom	0	114	SKU AT	MG-AL	HB	Ant 0+1	96.20	1.04	16.50	16.50	1.00	0	<0.001	0.00
	WLAN5.6G	802.11ac VHT160	Bottom	0	114	SKU AT	MG-AL	Speed	Ant 0+1	96.20	1.04	16.50	16.50	1.00	0	<0.001	0.00
															0		
9	WLAN5.8G	802.11ac VHT80	Bottom	0	155	SKU AT	MG-AL	WNC	Ant 0	97.10	1.03	14.00	13.98	1.00	0	<0.001	0.00
	WLAN5.8G	802.11ac VHT80	Bottom	0	155	SKU AT	MG-AL	WNC	Ant 1	96.60	1.04	14.00	13.87	1.03	0	<0.001	0.00
	WLAN5.8G	802.11ac VHT80	Bottom	0	155	SKU AT	MG-AL	WNC	Ant 0+1	96.30	1.04	17.00	16.93	1.02	0	<0.001	0.00
	WLAN5.8G	802.11ac VHT80	Bottom	0	155	SKU AT	MG-AL	HB	Ant 0+1	96.30	1.04	17.00	16.93	1.02	0	<0.001	0.00
	WLAN5.8G	802.11ac VHT80	Bottom	0	155	SKU AT	MG-AL	Speed	Ant 0+1	96.30	1.04	17.00	16.93	1.02	0	<0.001	0.00
															0		
10	BT	BR / EDR	Bottom	0	78	SKU AT	MG-AL	WNC	Ant 1	76.80	1.30	10.50	10.18	1.08	0	<0.001	0.00
	BT	BR / EDR	Bottom	0	0	SKU AT	MG-AL	WNC	Ant 1	76.80	1.30	10.50	9.66	1.21	0	<0.001	0.00
	BT	BR / EDR	Bottom	0	39	SKU AT	MG-AL	WNC	Ant 1	76.80	1.30	10.50	9.88	1.15	0	<0.001	0.00
	BT	BR / EDR	Bottom	0	78	SKU AT	MG-AL	HB	Ant 1	76.80	1.30	10.50	10.18	1.08	0	<0.001	0.00
	BT	BR / EDR	Bottom	0	78	SKU AT	MG-AL	Speed	Ant 1	76.80	1.30	10.50	10.18	1.08	0	<0.001	0.00
11	WLAN2.4G	802.11b	Bottom	0	6	SKU AT	CF	HB	Ant 0	96.30	1.04	17.00	16.99	1.00	0	<0.001	0.00
	WLAN2.4G	802.11b	Bottom	0	6	SKU AT	CF	HB	Ant 1	97.20	1.03	17.00	16.89	1.03	0	<0.001	0.00
	WLAN2.4G	802.11n HT40	Bottom	0	6	SKU AT	CF	HB	Ant 0+1	98.70	1.01	20.00	19.98	1.00	0	<0.001	0.00
	WLAN2.4G	802.11n HT40	Bottom	0	3	SKU AT	CF	HB	Ant 0+1	98.70	1.01	20.00	19.88	1.03	0	<0.001	0.00
	WLAN2.4G	802.11n HT40	Bottom	0	9	SKU AT	CF	HB	Ant 0+1	98.70	1.01	19.00	18.72	1.07	0	<0.001	0.00
	WLAN2.4G	802.11n HT40	Bottom	0	10	SKU AT	CF	HB	Ant 0+1	98.70	1.01	16.00	15.71	1.07	0	<0.001	0.00
	WLAN2.4G	802.11n HT40	Bottom	0	11	SKU AT	CF	HB	Ant 0+1	98.70	1.01	12.00	11.81	1.04	0	<0.001	0.00
	WLAN2.4G	802.11n HT40	Bottom	0	6	SKU AT	CF	Speed	Ant 0+1	98.70	1.01	20.00	19.98	1.00	0	<0.001	0.00
	WLAN2.4G	802.11n HT40	Bottom	0	6	SKU AT	CF	Auden	Ant 0+1	98.70	1.01	20.00	19.98	1.00	0	<0.001	0.00

Body SAR Test Result																	
System & Position						DUT & Accessory				SAR							
Plot No.	Band	Mode	Test Position	Separation Distance (mm)	Channel	Sample	Material of Cover	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)
	WLAN5.3G	802.11ac VHT160	Bottom	0	50	SKU AT	CF	HB	Ant 0	97.00	1.03	13.50	13.49	1.00	0	<0.001	0.00
	WLAN5.3G	802.11ac VHT160	Bottom	0	50	SKU AT	CF	HB	Ant 1	97.10	1.03	13.50	13.47	1.01	0	<0.001	0.00
12	WLAN5.3G	802.11ac VHT160	Bottom	0	50	SKU AT	CF	HB	Ant 0+1	96.20	1.04	16.50	16.50	1.00	0	<0.001	0.00
	WLAN5.3G	802.11ac VHT160	Bottom	0	50	SKU AT	CF	Speed	Ant 0+1	96.20	1.04	16.50	16.50	1.00	0	<0.001	0.00
	WLAN5.3G	802.11ac VHT160	Bottom	0	50	SKU AT	CF	Auden	Ant 0+1	96.20	1.04	16.50	16.50	1.00	0	<0.001	0.00
	WLAN5.6G	802.11ac VHT160	Bottom	0	114	SKU AT	CF	HB	Ant 0	97.00	1.03	13.50	13.49	1.00	0	<0.001	0.00
	WLAN5.6G	802.11ac VHT160	Bottom	0	114	SKU AT	CF	HB	Ant 1	97.10	1.03	13.50	13.47	1.01	0	<0.001	0.00
13	WLAN5.6G	802.11ac VHT160	Bottom	0	114	SKU AT	CF	HB	Ant 0+1	96.20	1.04	16.50	16.50	1.00	0	<0.001	0.00
	WLAN5.6G	802.11ac VHT160	Bottom	0	114	SKU AT	CF	Speed	Ant 0+1	96.20	1.04	16.50	16.50	1.00	0	<0.001	0.00
	WLAN5.6G	802.11ac VHT160	Bottom	0	114	SKU AT	CF	Auden	Ant 0+1	96.20	1.04	16.50	16.50	1.00	0	<0.001	0.00
	WLAN5.8G	802.11ac VHT80	Bottom	0	155	SKU AT	CF	HB	Ant 0	97.10	1.03	14.00	13.98	1.00	0	<0.001	0.00
	WLAN5.8G	802.11ac VHT80	Bottom	0	155	SKU AT	CF	HB	Ant 1	96.60	1.04	14.00	13.87	1.03	0	<0.001	0.00
14	WLAN5.8G	802.11ac VHT80	Bottom	0	155	SKU AT	CF	HB	Ant 0+1	96.30	1.04	17.00	16.93	1.02	0	<0.001	0.00
	WLAN5.8G	802.11ac VHT80	Bottom	0	155	SKU AT	CF	Speed	Ant 0+1	96.30	1.04	17.00	16.93	1.02	0	<0.001	0.00
	WLAN5.8G	802.11ac VHT80	Bottom	0	155	SKU AT	CF	Auden	Ant 0+1	96.30	1.04	17.00	16.93	1.02	0	<0.001	0.00
15	BT	BR / EDR	Bottom	0	78	SKU AT	CF	HB	Ant 1	76.80	1.30	10.50	10.18	1.08	0	<0.001	0.00
	BT	BR / EDR	Bottom	0	0	SKU AT	CF	HB	Ant 1	76.80	1.30	10.50	9.66	1.21	0	<0.001	0.00
	BT	BR / EDR	Bottom	0	39	SKU AT	CF	HB	Ant 1	76.80	1.30	10.50	9.88	1.15	0	<0.001	0.00
	BT	BR / EDR	Bottom	0	78	SKU AT	CF	Speed	Ant 1	76.80	1.30	10.50	10.18	1.08	0	<0.001	0.00
	BT	BR / EDR	Bottom	0	78	SKU AT	CF	Auden	Ant 1	76.80	1.30	10.50	10.18	1.08	0	<0.001	0.00

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	802.11b	Bottom	12	1.04	0.992	1.05
R02	WLAN5.3G	802.11ac VHT160	Bottom	50	1.14	1.08	1.06
R03	WLAN5.6G	802.11ac VHT160	Bottom	114	1.11	1.06	1.05
R04	WLAN5.8G	802.11ac VHT80	Bottom	155	1.01	0.986	1.02

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 - SKU AB					
Position	1	2	3	A (1 + 3)	B (2 + 3)
	Max WLAN 2.4GHz	Max WLAN 5GHz	Max BT	Summimg result	Summimg result
	1g SAR W/kg	1g SAR W/kg	1g SAR W/kg	1g SAR W/kg	1g SAR W/kg
Bottom	1.17	1.19	0.19	1.36	1.38

Simultaneous Transmission SAR Evaluation - SKU AT of MG-AL Cover					
Position	1	2	3	A (1 + 3)	B (2 + 3)
	Max WLAN 2.4GHz	Max WLAN 5GHz	Max BT	Summimg result	Summimg result
	1g SAR W/kg	1g SAR W/kg	1g SAR W/kg	1g SAR W/kg	1g SAR W/kg
Bottom	0.00	0.00	0.00	0.00	0.00

Simultaneous Transmission SAR Evaluation - SKU AT of CF Cover					
Position	1	2	3	A (1 + 3)	B (2 + 3)
	Max WLAN 2.4GHz	Max WLAN 5GHz	Max BT	Summimg result	Summimg result
	1g SAR W/kg	1g SAR W/kg	1g SAR W/kg	1g SAR W/kg	1g SAR W/kg
Bottom	0.00	0.00	0.00	0.00	0.00

Annex I. SAR to Peak Location Separation Ratio Analysis.

Since sum of simultaneous transmission SAR is less than the SAR limit for Body / Head : SAR_{1g} 1.6 W/kg ;
Extremity SAR_{10g} 4.0 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	3887	Oct. 22, 2020	1 Year
Dosimetric E-Field Probe	SPEAG	EX3DV4	7472	Jun. 03, 2021	1 Year
Data Acquisition Electronics	SPEAG	DAE3	579	Jun. 02, 2021	1 Year
Data Acquisition Electronics	SPEAG	DAE4	861	Apr. 14, 2021	1 Year
Spectrum Analyzer	R&S	FSL6	102006	Apr. 06, 2021	1 Year
Universal Wireless Test Set	Anritsu	MT8870A/MU887002A	6262296569	Aug. 18, 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

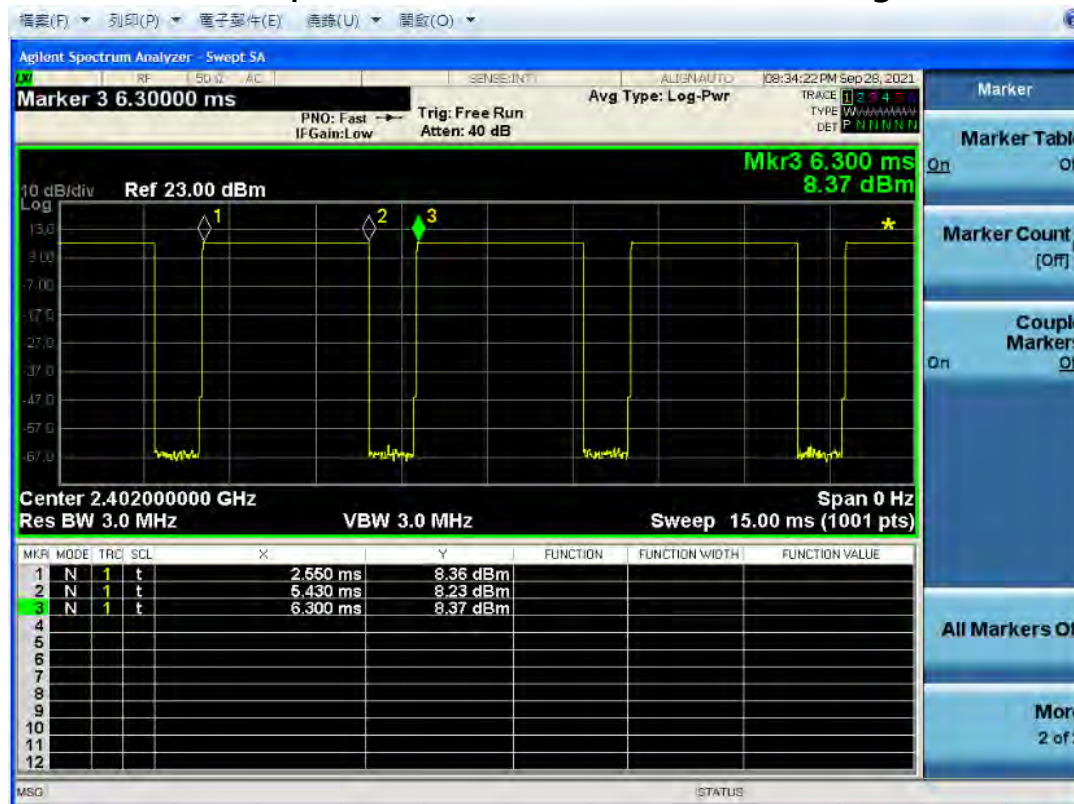
Annex K. Considerations Related to Bluetooth for Setup and Testing

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.

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