

01_WLAN2.4GHz_802.11b 1Mbps_Bottom Face_0mm_Ch1

Communication System: UID 0, WLAN2.4GHz (0); Frequency: 2412 MHz; Duty Cycle: 1:1
Medium: HSL_2450 Medium parameters used: $f = 2412$ MHz; $\sigma = 1.791$ S/m; $\epsilon_r = 38.691$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C; Liquid Temperature : 22.7 °C

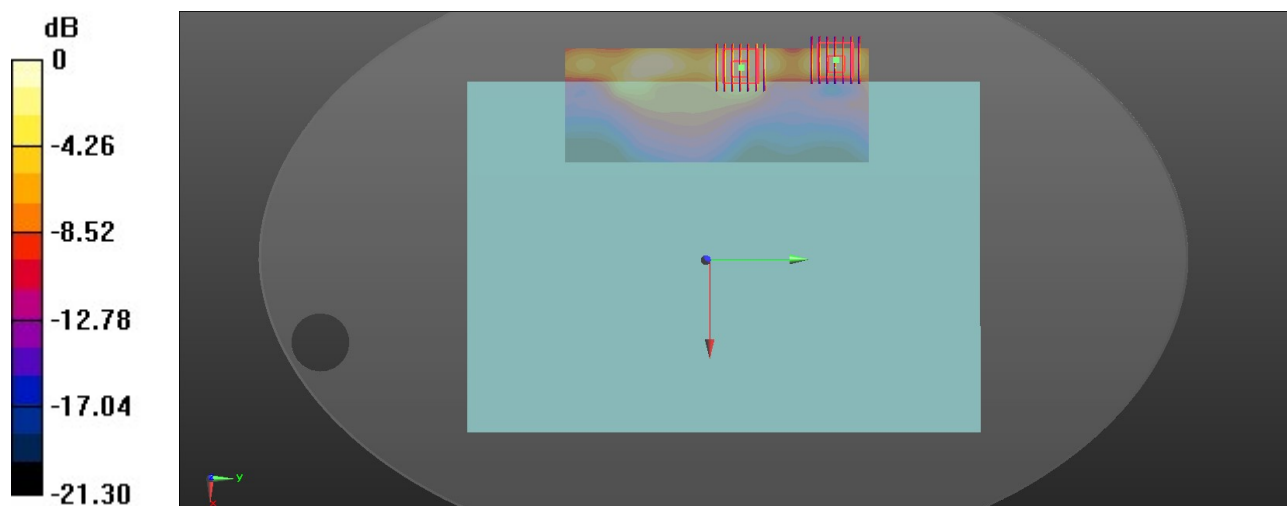
DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(7.44, 6.79, 7.48); Calibrated: 2024/1/22
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1650; Calibrated: 2023/9/13
- Phantom: ELI4 Phantom; Type: ELI4; Serial: TP-1201
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Area Scan (61x161x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 1.08 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 8.065 V/m; Power Drift = -0.08 dB
Peak SAR (extrapolated) = 1.36 W/kg
SAR(1 g) = 0.684 W/kg; SAR(10 g) = 0.324 W/kg
Maximum value of SAR (measured) = 1.06 W/kg

Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 8.065 V/m; Power Drift = -0.08 dB
Peak SAR (extrapolated) = 1.06 W/kg
SAR(1 g) = 0.548 W/kg; SAR(10 g) = 0.254 W/kg
Maximum value of SAR (measured) = 0.849 W/kg



0 dB = 0.849 W/kg = -0.71 dBW/kg

02_Bluetooth_1Mbps_Bottom Face_0mm_Ch39

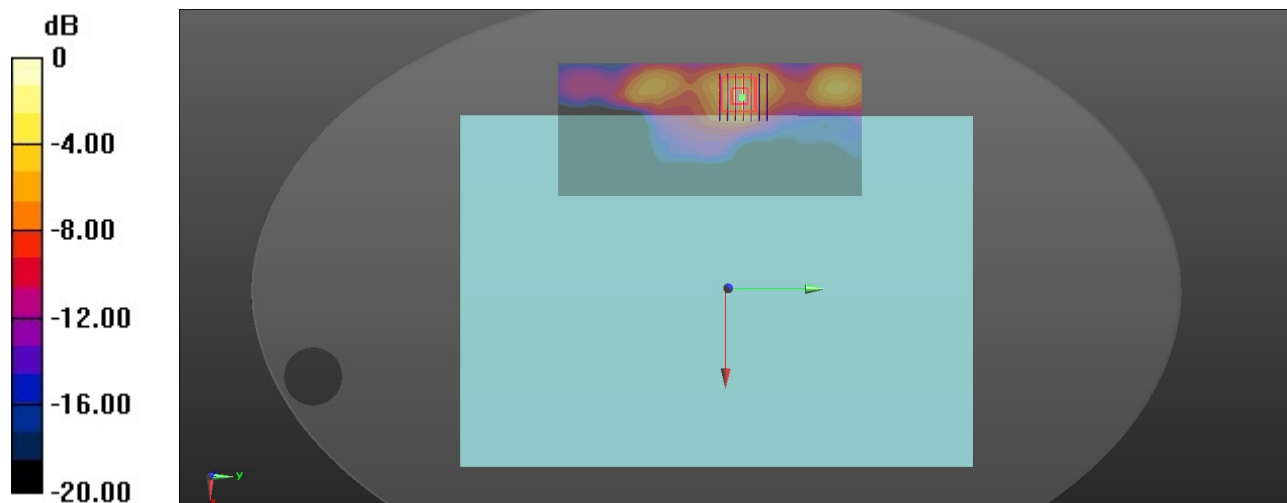
Communication System: UID 0, Bluetooth (0); Frequency: 2441 MHz; Duty Cycle: 1:1.3
Medium: HSL_2450 Medium parameters used: $f = 2441$ MHz; $\sigma = 1.804$ S/m; $\epsilon_r = 38.661$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.3 °C; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(7.44, 6.79, 7.48); Calibrated: 2024/1/22
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1650; Calibrated: 2023/9/13
- Phantom: ELI4 Phantom; Type: ELI4; Serial: TP-1201
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Area Scan (71x161x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.350 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 1.861 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 0.472 W/kg
SAR(1 g) = 0.167 W/kg; SAR(10 g) = 0.087 W/kg
Maximum value of SAR (measured) = 0.376 W/kg



0 dB = 0.376 W/kg = -4.25 dBW/kg

03_WLAN5GHz_802.11n-HT40 MCS0_Bottom Face_0mm_Ch62

Communication System: UID 0, WLAN5GHz (0); Frequency: 5310 MHz;Duty Cycle: 1:1
Medium: HSL_5000 Medium parameters used: $f = 5310$ MHz; $\sigma = 4.675$ S/m; $\epsilon_r = 35.895$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C; Liquid Temperature : 22.7 °C

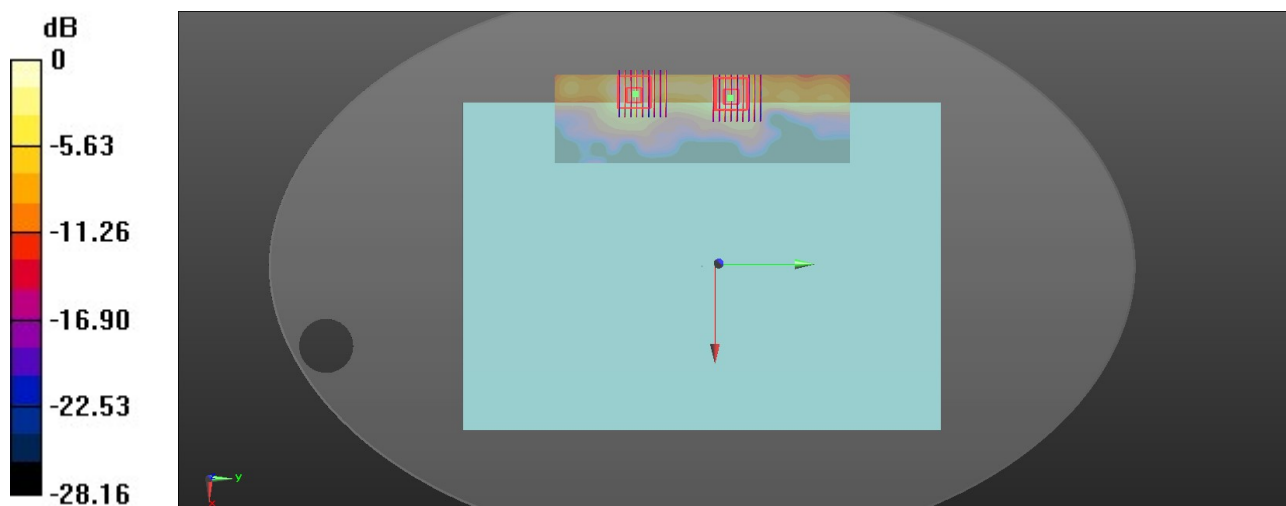
DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(5.34, 4.76, 5.24); Calibrated: 2024/1/22
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1650; Calibrated: 2023/9/13
- Phantom: ELI4 Phantom; Type: ELI4; Serial: TP-1201
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Area Scan (61x201x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 1.35 W/kg

Zoom Scan (9x9x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 3.172 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 2.12 W/kg
SAR(1 g) = 0.611 W/kg; SAR(10 g) = 0.211 W/kg
Maximum value of SAR (measured) = 1.38 W/kg

Zoom Scan (9x9x7)/Cube 1: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 3.172 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 1.69 W/kg
SAR(1 g) = 0.493 W/kg; SAR(10 g) = 0.190 W/kg
Maximum value of SAR (measured) = 1.07 W/kg



0 dB = 1.07 W/kg = 0.29 dBW/kg

04_WLAN5GHz_802.11ac-VHT80 MCS0_Bottom Face_0mm_Ch122

Communication System: UID 0, WLAN5GHz (0); Frequency: 5610 MHz; Duty Cycle: 1:1
Medium: HSL_5000 Medium parameters used: $f = 5610$ MHz; $\sigma = 5.011$ S/m; $\epsilon_r = 35.392$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C; Liquid Temperature : 22.7 °C

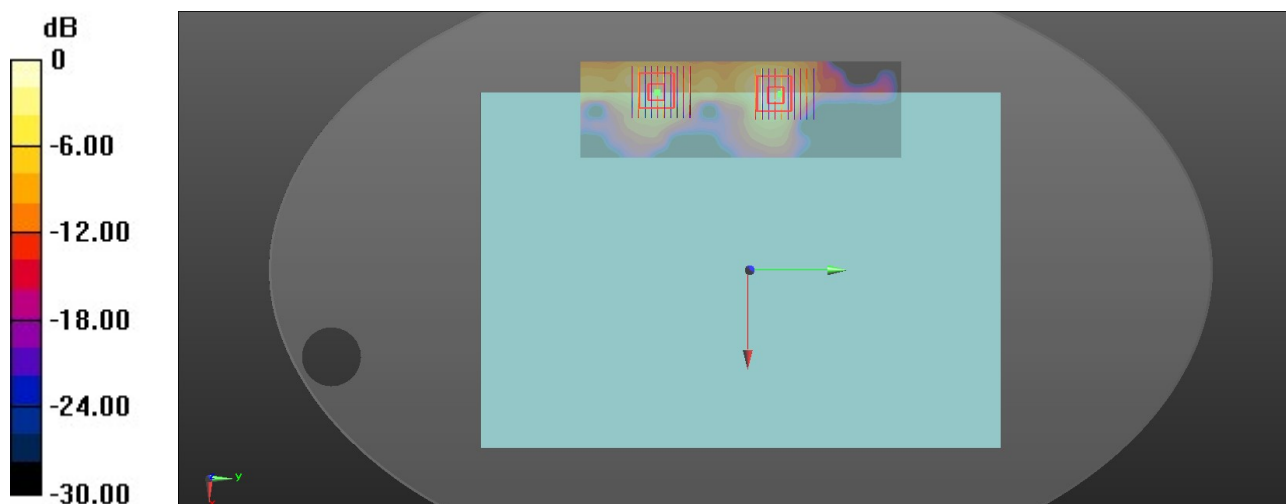
DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(4.9, 4.3, 4.75); Calibrated: 2024/1/22
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1650; Calibrated: 2023/9/13
- Phantom: ELI4 Phantom; Type: ELI4; Serial: TP-1201
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Area Scan (61x201x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 2.01 W/kg

Zoom Scan (9x10x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 1.024 V/m; Power Drift = -0.08 dB
Peak SAR (extrapolated) = 3.41 W/kg
SAR(1 g) = 0.904 W/kg; SAR(10 g) = 0.314 W/kg
Maximum value of SAR (measured) = 2.03 W/kg

Zoom Scan (9x10x7)/Cube 1: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 1.024 V/m; Power Drift = -0.08 dB
Peak SAR (extrapolated) = 2.39 W/kg
SAR(1 g) = 0.633 W/kg; SAR(10 g) = 0.216 W/kg
Maximum value of SAR (measured) = 1.46 W/kg



0 dB = 1.46 W/kg = 1.64 dBW/kg

05_WLAN5GHz_802.11ac-VHT80 MCS0_Bottom Face_0mm_Ch155

Communication System: UID 0, WLAN5GHz (0); Frequency: 5775 MHz; Duty Cycle: 1:1
Medium: HSL_5000 Medium parameters used: $f = 5775$ MHz; $\sigma = 5.181$ S/m; $\epsilon_r = 35.164$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(5.19, 4.53, 5.01); Calibrated: 2024/1/22
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1650; Calibrated: 2023/9/13
- Phantom: ELI4 Phantom; Type: ELI4; Serial: TP-1201
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Area Scan (61x201x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 1.79 W/kg

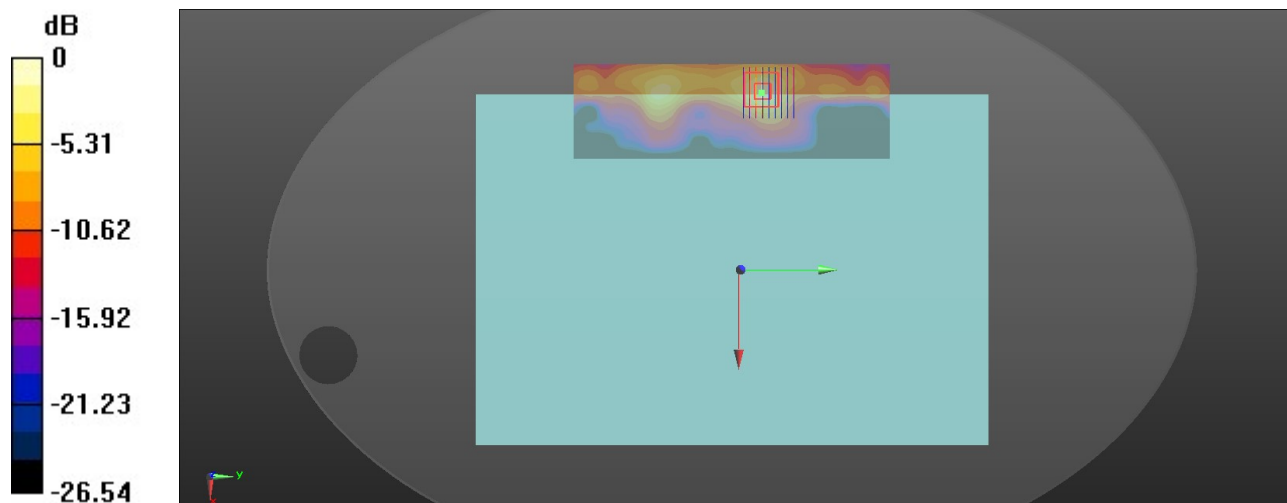
Zoom Scan (9x9x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 2.538 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 3.00 W/kg

SAR(1 g) = 0.724 W/kg; SAR(10 g) = 0.235 W/kg

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



0 dB = 1.80 W/kg = 2.55 dBW/kg

06_WLAN6GHz_802.11be-EHT320 MCS0_Bottom Face_0mm_Ch127

Communication System: U-NII-7; Frequency: 6585.000

Medium: HSL. Medium parameters used: $f=6585.000$ MHz; $\sigma=6.16$ S/m; $\epsilon_r=34.3$

Ambient Temperature: 23.1°C; Liquid Temperature: 22.7°C

DASY6 Configuration:

- Probe: EX3DV4 - SN7764; ConvF(5.50, 5.50, 5.50); Calibrated: 2023-10-05
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1649; Calibrated: 2023-04-24
- Phantom: ELIV8.0 (20deg probe tilt); Serial: 2134
- Measurement Software: cDASY6 V6.6.0.13926

Area Scan (68.0 mm x 323.0 mm): Measurement Grid: 8.5 mm x 8.5 mm

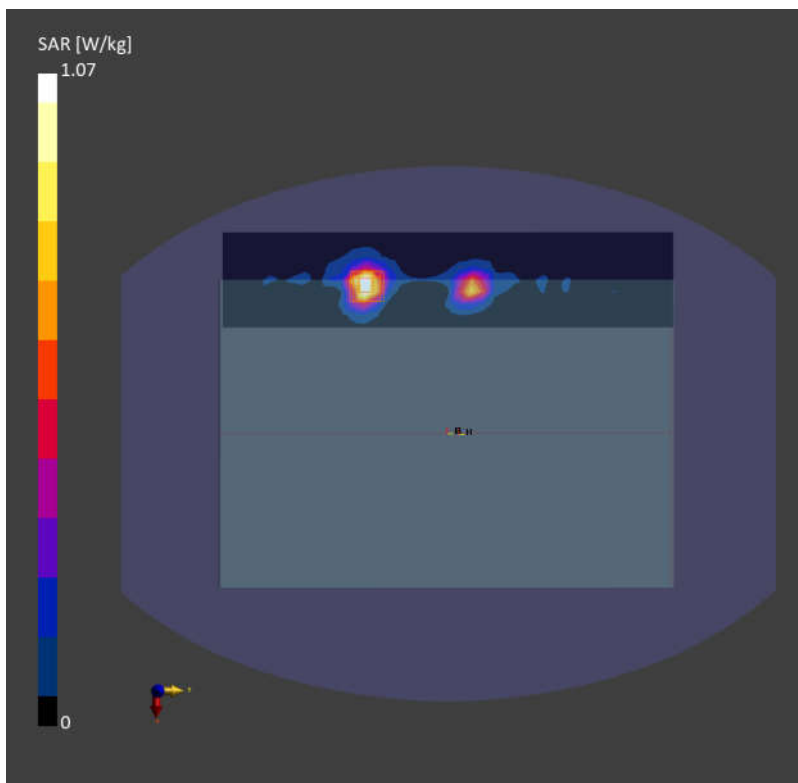
SAR (1g) = 0.935 W/kg; SAR (10g) = 0.312 W/kg;

Zoom Scan (22.0 mm x 22.0 mm x 22.0 mm): Measurement Grid: 3.4 mm x 3.4 mm x 1.4 mm

Power Drift = 0.09 dB

SAR (1g) = 1.07 W/kg; SAR (10g) = 0.340 W/kg;

psAPD (4.0cm², sq) = 7.80 [W/m²];



01_WLAN6GHz_802.11be-EHT320 MCS0_Bottom Face_2mm_Ch127

Device Under Test Properties

Model, Manufacturer	Dimensions [mm]
Device,	324.0 x 224.0 x 8.0

Exposure Conditions

Phantom Section	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor
5G	BACK, 2.00	U-NII-7	WLAN, 11026-AAA	6585.0, 127	1.0

Hardware Setup

Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
mmWave - 1064	Air -	EUmmWV4 - SN9553_F1-55GHz, 2023-10-18	DAE4 Sn1303, 2023-11-20

Scans Setup

Scan Type	5G Scan
Grid Extents [mm]	120.0 x 120.0
Grid Steps [lambda]	0.0625 x 0.0625
Sensor Surface [mm]	2.0
MAIA	N/A

Measurement Results

Scan Type	5G Scan
Date	2024-03-22
Avg. Area [cm ²]	4.00
psPDn+ [W/m ²]	3.83
psPDtot+ [W/m ²]	4.63
psPDmod+ [W/m ²]	6.25
E _{max} [V/m]	64.0
Power Drift [dB]	0.05

