

Date: 2025-11-29

01_WLAN2.4GHz_802.11b 1Mbps_Back_10mm_Ch6

Communication System: IEEE 802.11b WiFi 2.4 GHz

Frequency: 2437.000 MHz; Duty Cycle: 1:1.029

Medium: HSL_2450_251129 Medium parameters used: $f = 2437.000$ MHz; $\sigma = 1.75$ S/m; $\epsilon_r = 39.1$

Ambient Temperature: 23.2°C; Liquid Temperature: 22.6°C

DASY6 Configuration:

- Probe: EX3DV4 - SN7918; ConvF(7.36, 7.16, 6.91); Calibrated: 2025-03-24
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1358; Calibrated: 2025-07-15
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2024; Section: Flat
- Measurement Software: 16.4.0.5005
- UID: WLAN, 10415-AAA

Area Scan (120.0 mm x 160.0 mm): Measurement Grid: 12.0 mm x 10.0 mm

SAR (1g) = 0.185 W/kg; SAR (10g) = 0.099 W/kg;

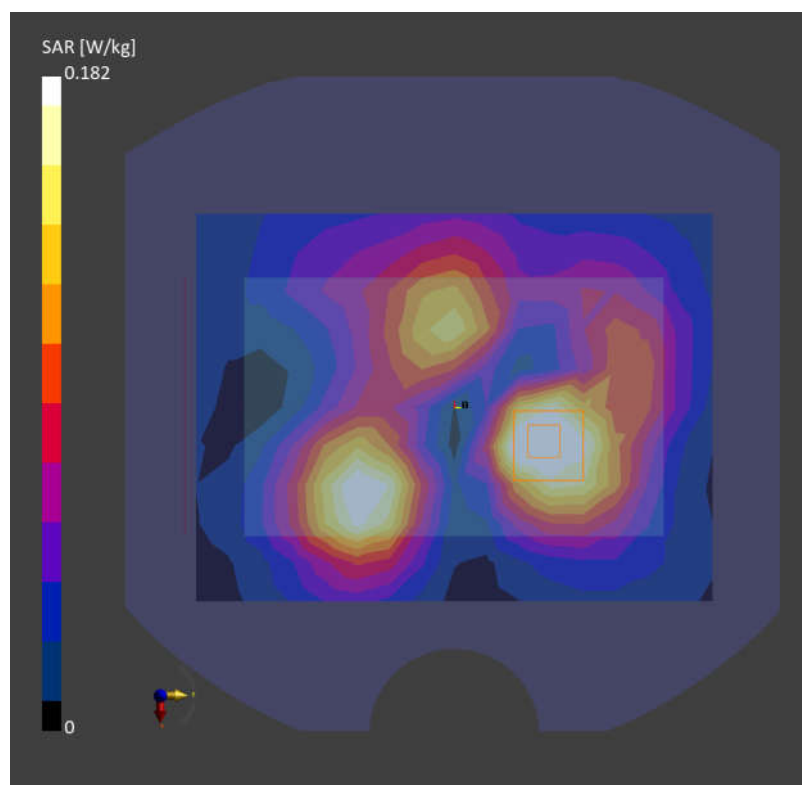
Zoom Scan (30.0 mm x 30.0 mm x 30.0 mm): Measurement Grid: 5.0 mm x 5.0 mm x 1.5 mm

Power Drift = 0.11 dB

SAR (1g) = 0.182 W/kg; SAR (10g) = 0.104 W/kg

Smallest distance from peaks to all points 3 dB below = 13.5 mm

Ratio of SAR at M2 to SAR at M1 = 84.5 %



Date: 2025-11-30

02_WLAN5GHz_802.11a 6Mbps_Back_10mm_Ch64

Communication System: IEEE 802.11a WiFi 5 GHz

Frequency: 5320.000 MHz; Duty Cycle: 1:1.01

Medium: HSL_5250_251130 Medium parameters used: $f = 5320.000$ MHz; $\sigma = 4.80$ S/m; $\epsilon_r = 36.3$

Ambient Temperature: 23.2°C; Liquid Temperature: 22.7°C

DASY6 Configuration:

- Probe: EX3DV4 - SN7918; ConvF(5.93, 5.77, 5.57); Calibrated: 2025-03-24
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1358; Calibrated: 2025-07-15
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2024; Section: Flat
- Measurement Software: 16.4.0.5005
- UID: WLAN, 10317-AAE

Area Scan (120.0 mm x 160.0 mm): Measurement Grid: 10.0 mm x 10.0 mm

SAR (1g) = 0.634 W/kg; SAR (10g) = 0.240 W/kg;

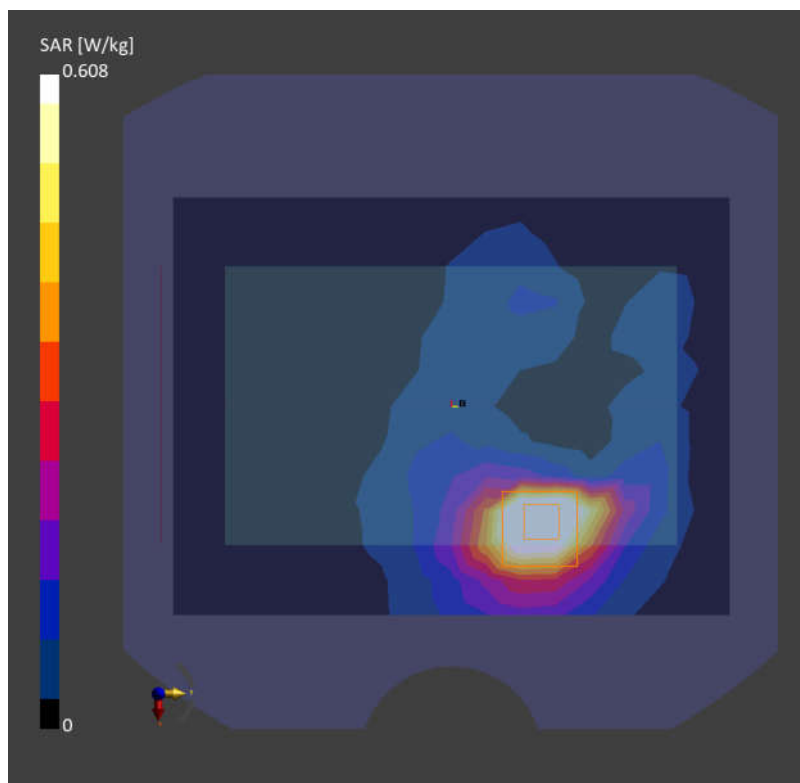
Zoom Scan (22.0 mm x 22.0 mm x 22.0 mm): Measurement Grid: 4.0 mm x 4.0 mm x 1.4 mm

Power Drift = -0.02 dB

SAR (1g) = 0.608 W/kg; SAR (10g) = 0.238 W/kg

Smallest distance from peaks to all points 3 dB below = 8.8 mm

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



Date: 2025-12-02

03_WLAN5GHz_802.11a 6Mbps_Back_10mm_Ch144

Communication System: IEEE 802.11a WiFi 5 GHz

Frequency: 5720.000 MHz; Duty Cycle: 1:1.01

Medium: HSL_5800_251202 Medium parameters used: $f = 5720.000$ MHz; $\sigma = 5.13$ S/m; $\epsilon_r = 35.5$

Ambient Temperature: 23.2°C; Liquid Temperature: 22.6°C

DASY6 Configuration:

- Probe: EX3DV4 - SN7918; ConvF(5.53, 5.38, 5.19); Calibrated: 2025-03-24
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1358; Calibrated: 2025-07-15
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2024; Section: Flat
- Measurement Software: 16.4.0.5005
- UID: WLAN, 10317-AAE

Area Scan (120.0 mm x 160.0 mm): Measurement Grid: 10.0 mm x 10.0 mm

SAR (1g) = 0.701 W/kg; SAR (10g) = 0.260 W/kg;

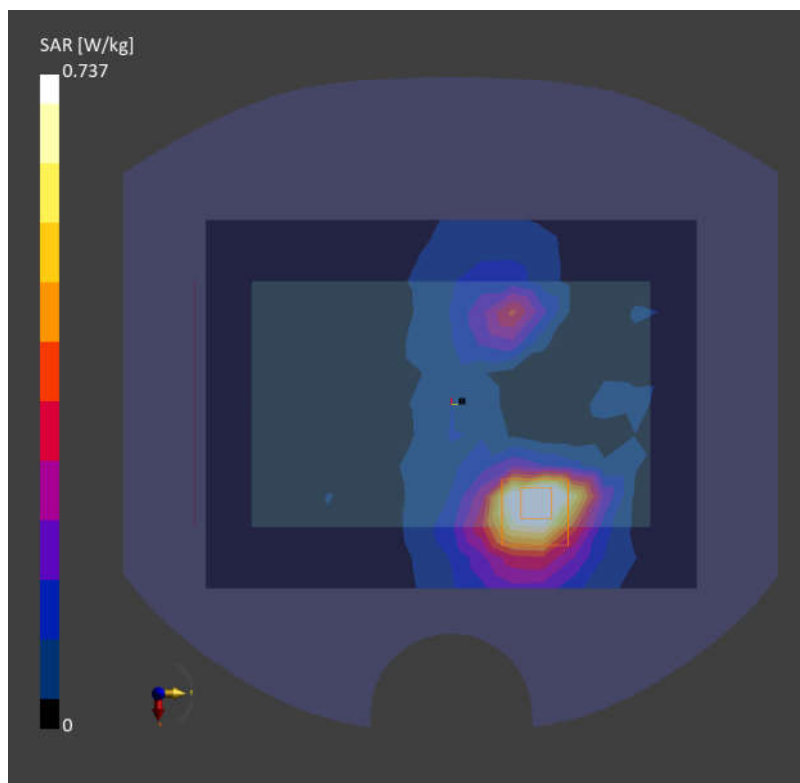
Zoom Scan (22.0 mm x 22.0 mm x 22.0 mm): Measurement Grid: 4.0 mm x 4.0 mm x 1.4 mm

Power Drift = -0.15 dB

SAR (1g) = 0.737 W/kg; SAR (10g) = 0.280 W/kg

Smallest distance from peaks to all points 3 dB below = 8.0 mm

Ratio of SAR at M2 to SAR at M1 = 59.8 %



Date: 2025-12-02

04_WLAN5GHz_802.11a 6Mbps_Back_10mm_Ch149

Communication System: IEEE 802.11a WiFi 5 GHz

Frequency: 5745.000 MHz; Duty Cycle: 1:1.01

Medium: HSL_5800_251202 Medium parameters used: $f = 5745.000$ MHz; $\sigma = 5.24$ S/m; $\epsilon_r = 35.5$

Ambient Temperature: 23.2°C; Liquid Temperature: 22.6°C

DASY6 Configuration:

- Probe: EX3DV4 - SN7918; ConvF(5.53, 5.38, 5.19); Calibrated: 2025-03-24
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1358; Calibrated: 2025-07-15
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2024; Section: Flat
- Measurement Software: 16.4.0.5005
- UID: WLAN, 10317-AAE

Area Scan (120.0 mm x 160.0 mm): Measurement Grid: 10.0 mm x 10.0 mm

SAR (1g) = 0.865 W/kg; SAR (10g) = 0.322 W/kg;

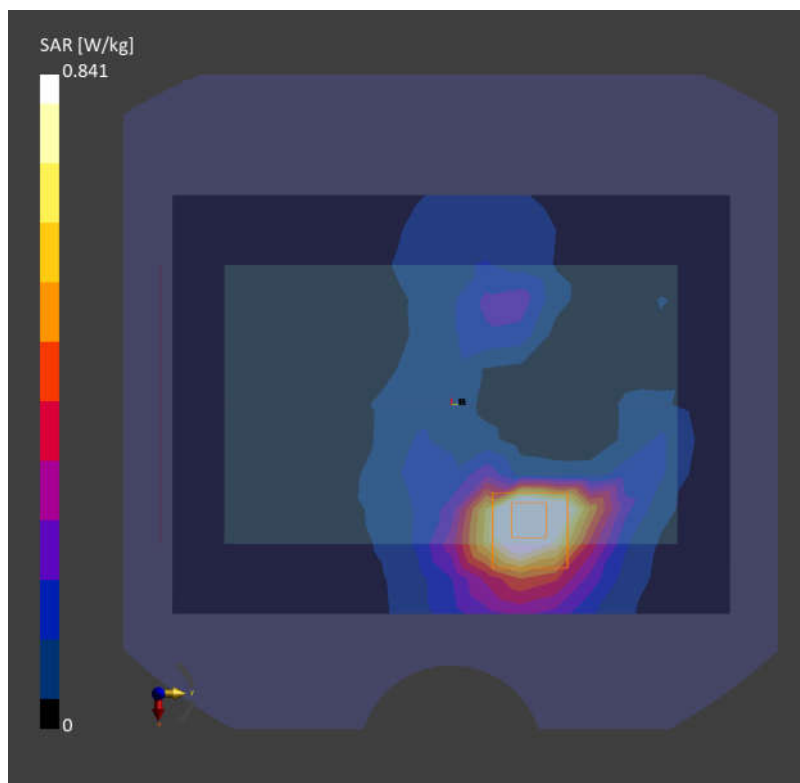
Zoom Scan (22.0 mm x 22.0 mm x 22.0 mm): Measurement Grid: 4.0 mm x 4.0 mm x 1.4 mm

Power Drift = -0.02 dB

SAR (1g) = 0.841 W/kg; SAR (10g) = 0.328 W/kg

Smallest distance from peaks to all points 3 dB below = 8.0 mm

Ratio of SAR at M2 to SAR at M1 = 60.8 %



Date: 2025-12-03

05_WLAN6GHz_802.11be-EHT320 MCS0_Back_10mm_Ch31

Communication System: IEEE 802.11be

Frequency: 6105.000 MHz; Duty Cycle: 1:1.002

Medium: HSL_6500_251203 Medium parameters used: $f = 6105.000$ MHz; $\sigma = 5.62$ S/m; $\epsilon_r = 34.7$

Ambient Temperature: 23.2°C; Liquid Temperature: 22.8°C

DASY6 Configuration:

- Probe: EX3DV4 - SN7706; ConvF(5.34, 6.3, 5.44); Calibrated: 2025-05-22
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1358; Calibrated: 2025-07-15
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2024; Section: Flat
- Measurement Software: 16.4.0.5005
- UID: WLAN, 11026-AAB

Area Scan (119.0 mm x 170.0 mm): Measurement Grid: 8.5 mm x 8.5 mm

SAR (1g) = 0.109 W/kg; SAR (10g) = 0.045 W/kg;

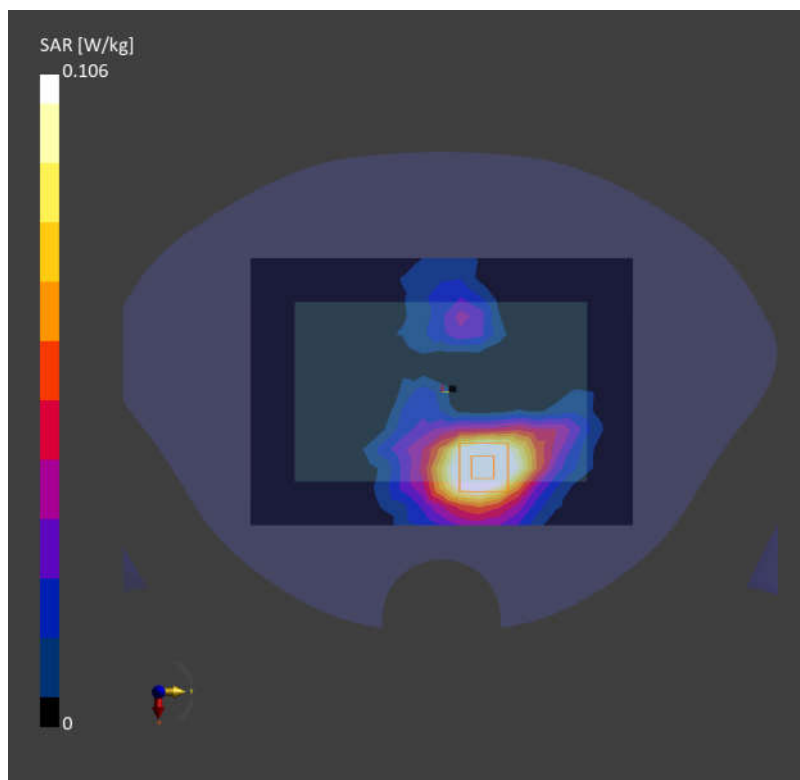
Zoom Scan (22.0 mm x 22.0 mm x 22.0 mm): Measurement Grid: 3.4 mm x 3.4 mm x 1.4 mm

Power Drift = -0.07 dB

SAR (1g) = 0.106 W/kg; SAR (10g) = 0.043 W/kg

Smallest distance from peaks to all points 3 dB below = 12.5 mm

Ratio of SAR at M2 to SAR at M1 = 59.4 %

psAPD (4.0cm², sq) = 0.955 [W/m²]

Date: 2025-11-29

06_Bluetooth_LE 2Mbps_Back_10mm_Ch39

Communication System: IEEE 802.15.1 Bluetooth

Frequency: 2480.000 MHz; Duty Cycle: 1:3

Medium: HSL_2450_251129 Medium parameters used: $f = 2480.000$ MHz; $\sigma = 1.78$ S/m; $\epsilon_r = 39.2$

Ambient Temperature: 23.2°C; Liquid Temperature: 22.6°C

DASY6 Configuration:

- Probe: EX3DV4 - SN7918; ConvF(7.36, 7.16, 6.91); Calibrated: 2025-03-24
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1358; Calibrated: 2025-07-15
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2024; Section: Flat
- Measurement Software: 16.4.0.5005
- UID: Bluetooth, 10032-CAA

Area Scan (120.0 mm x 160.0 mm): Measurement Grid: 12.0 mm x 10.0 mm

SAR (1g) = 0.018 W/kg; SAR (10g) = 0.009 W/kg;

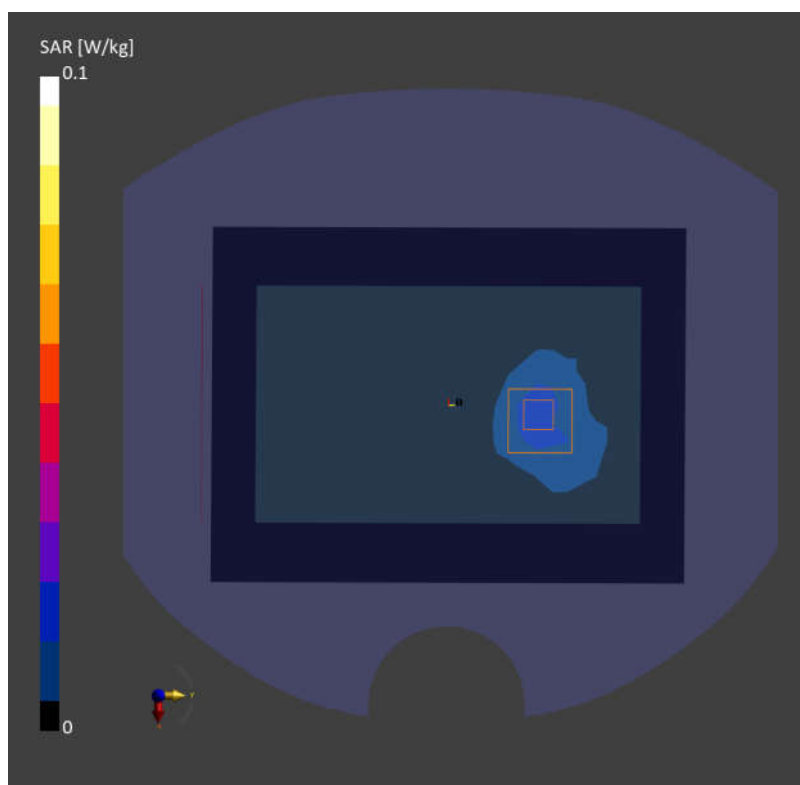
Zoom Scan (30.0 mm x 30.0 mm x 30.0 mm): Measurement Grid: 5.0 mm x 5.0 mm x 1.5 mm

Power Drift = 0.04 dB

SAR (1g) = 0.018 W/kg; SAR (10g) = 0.009 W/kg

Smallest distance from peaks to all points 3 dB below = 9.9 mm

Ratio of SAR at M2 to SAR at M1 = 87.6 %



Date: 2025-11-29

07_WLAN2.4GHz_802.11b 1Mbps_Left Side_0mm_Ch6

Communication System: IEEE 802.11b WiFi 2.4 GHz

Frequency: 2437.000 MHz; Duty Cycle: 1:1.029

Medium: HSL_2450_251129 Medium parameters used: $f = 2437.000$ MHz; $\sigma = 1.75$ S/m; $\epsilon_r = 39.1$

Ambient Temperature: 23.2°C; Liquid Temperature: 22.6°C

DASY6 Configuration:

- Probe: EX3DV4 - SN7918; ConvF(7.36, 7.16, 6.91); Calibrated: 2025-03-24
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1358; Calibrated: 2025-07-15
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2024; Section: Flat
- Measurement Software: 16.4.0.5005
- UID: WLAN, 10415-AAA

Area Scan (72.0 mm x 160.0 mm): Measurement Grid: 12.0 mm x 10.0 mm

SAR (1g) = 1.42 W/kg; SAR (10g) = 0.641 W/kg;

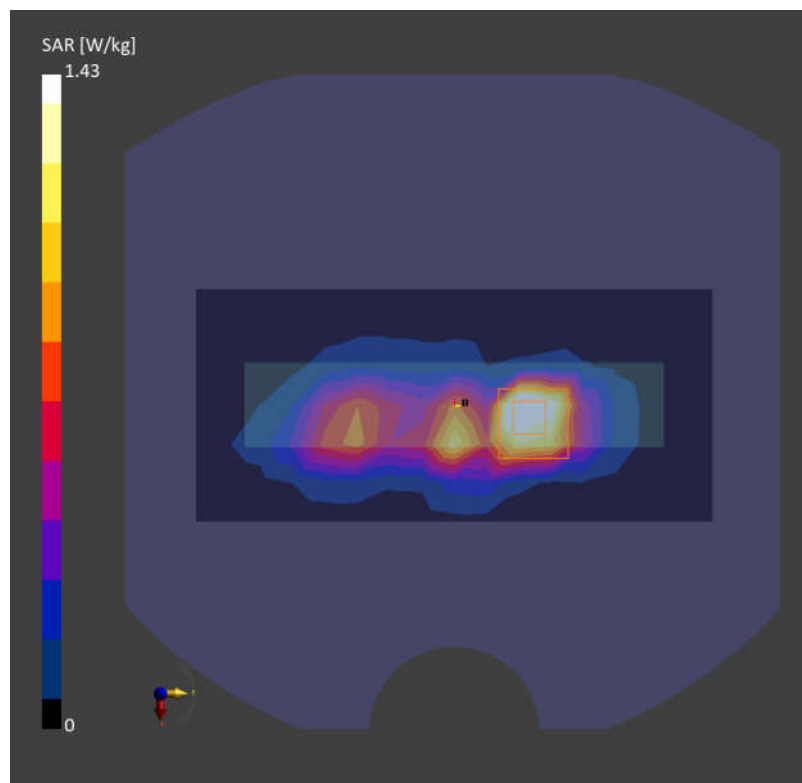
Zoom Scan (30.0 mm x 30.0 mm x 30.0 mm): Measurement Grid: 5.0 mm x 5.0 mm x 1.5 mm

Power Drift = 0.01 dB

SAR (1g) = 1.43 W/kg; SAR (10g) = 0.609 W/kg

Smallest distance from peaks to all points 3 dB below = 5.7 mm

Ratio of SAR at M2 to SAR at M1 = 75.9 %



Date: 2025-11-30

08_WLAN5GHz_802.11a 6Mbps_Left Side_0mm_Ch64

Communication System: IEEE 802.11a WiFi 5 GHz

Frequency: 5320.000 MHz; Duty Cycle: 1:1.01

Medium: HSL_5250_251130 Medium parameters used: $f = 5320.000$ MHz; $\sigma = 4.80$ S/m; $\epsilon_r = 36.3$

Ambient Temperature: 23.2°C; Liquid Temperature: 22.7°C

DASY6 Configuration:

- Probe: EX3DV4 - SN7918; ConvF(5.93, 5.77, 5.57); Calibrated: 2025-03-24
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1358; Calibrated: 2025-07-15
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2024; Section: Flat
- Measurement Software: 16.4.0.5005
- UID: WLAN, 10317-AAE

Area Scan (60.0 mm x 160.0 mm): Measurement Grid: 10.0 mm x 10.0 mm

SAR (1g) = 2.64 W/kg; SAR (10g) = 0.819 W/kg;

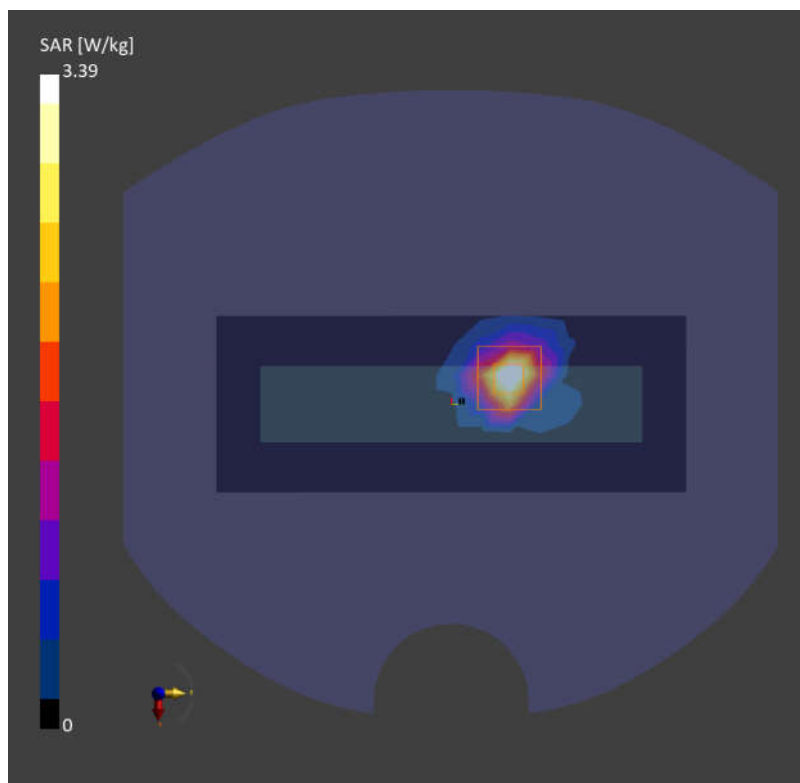
Zoom Scan (22.0 mm x 22.0 mm x 22.0 mm): Measurement Grid: 4.0 mm x 4.0 mm x 1.4 mm

Power Drift = -0.13 dB

SAR (1g) = 3.39 W/kg; SAR (10g) = 0.986 W/kg

Smallest distance from peaks to all points 3 dB below = 5.7 mm

Ratio of SAR at M2 to SAR at M1 = 63.3 %



Date: 2025-12-02

09_WLAN5GHz_802.11a 6Mbps_Left Side_0mm_Ch144

Communication System: IEEE 802.11a WiFi 5 GHz

Frequency: 5720.000 MHz; Duty Cycle: 1:1.01

Medium: HSL_5800_251202 Medium parameters used: $f = 5720.000$ MHz; $\sigma = 5.13$ S/m; $\epsilon_r = 35.5$

Ambient Temperature: 23.2°C; Liquid Temperature: 22.6°C

DASY6 Configuration:

- Probe: EX3DV4 - SN7918; ConvF(5.53, 5.38, 5.19); Calibrated: 2025-03-24
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1358; Calibrated: 2025-07-15
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2024; Section: Flat
- Measurement Software: 16.4.0.5005
- UID: WLAN, 10317-AAE

Area Scan (60.0 mm x 160.0 mm): Measurement Grid: 10.0 mm x 10.0 mm

SAR (1g) = 1.84 W/kg; SAR (10g) = 0.571 W/kg;

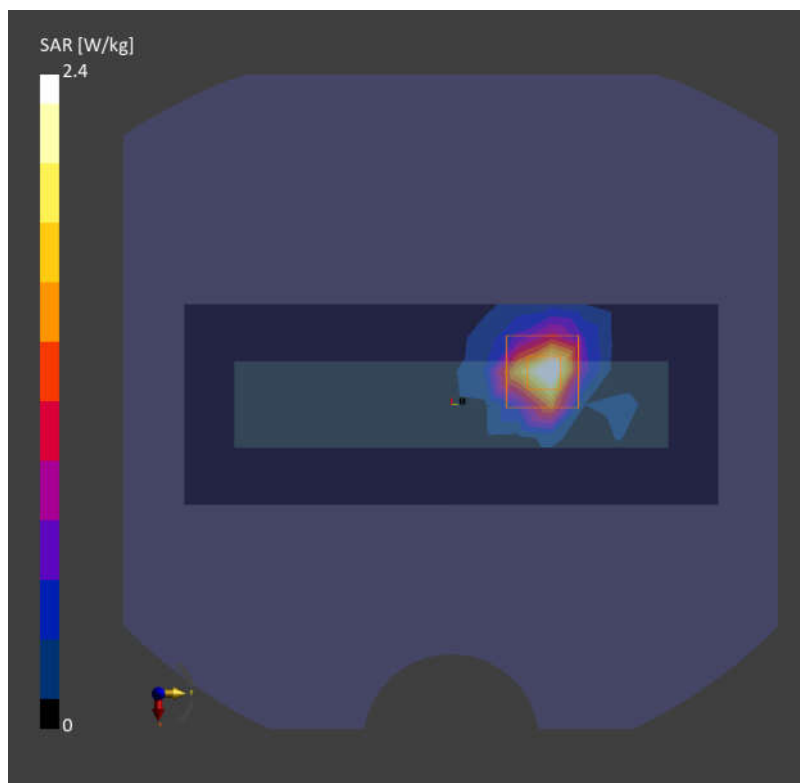
Zoom Scan (22.0 mm x 22.0 mm x 22.0 mm): Measurement Grid: 4.0 mm x 4.0 mm x 1.4 mm

Power Drift = -0.08 dB

SAR (1g) = 2.40 W/kg; SAR (10g) = 0.703 W/kg

Smallest distance from peaks to all points 3 dB below = 6.5 mm

Ratio of SAR at M2 to SAR at M1 = 58.6 %



Date: 2025-12-02

10_WLAN5GHz_802.11a 6Mbps_Left Side_0mm_Ch149

Communication System: IEEE 802.11a WiFi 5 GHz

Frequency: 5745.000 MHz; Duty Cycle: 1:1.01

Medium: HSL_5800_251202 Medium parameters used: $f = 5745.000$ MHz; $\sigma = 5.24$ S/m; $\epsilon_r = 35.5$

Ambient Temperature: 23.2°C; Liquid Temperature: 22.6°C

DASY6 Configuration:

- Probe: EX3DV4 - SN7918; ConvF(5.53, 5.38, 5.19); Calibrated: 2025-03-24
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1358; Calibrated: 2025-07-15
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2024; Section: Flat
- Measurement Software: 16.4.0.5005
- UID: WLAN, 10317-AAE

Area Scan (60.0 mm x 160.0 mm): Measurement Grid: 10.0 mm x 10.0 mm

SAR (1g) = 2.14 W/kg; SAR (10g) = 0.667 W/kg;

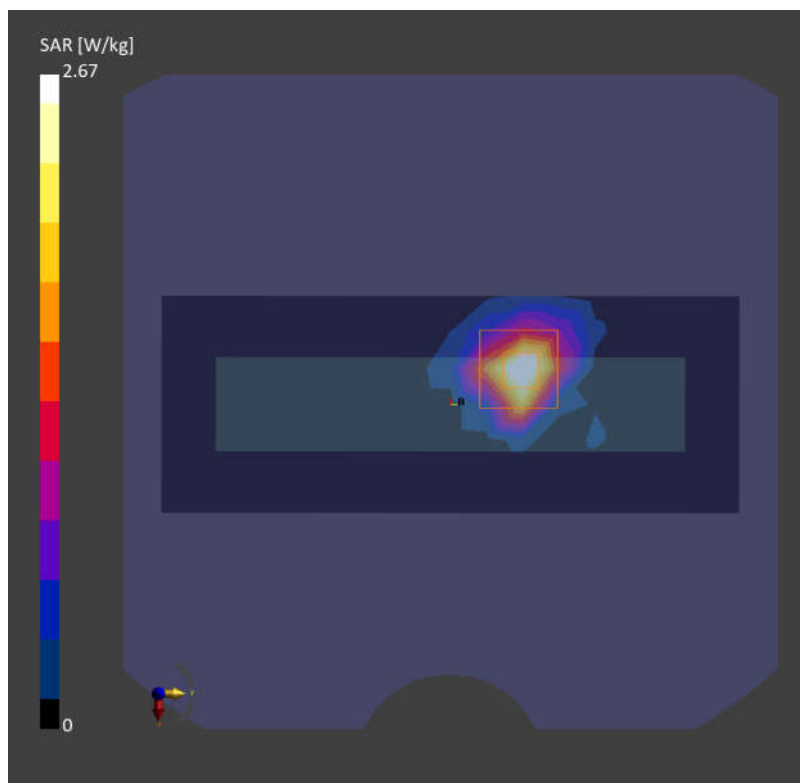
Zoom Scan (22.0 mm x 22.0 mm x 22.0 mm): Measurement Grid: 4.0 mm x 4.0 mm x 1.4 mm

Power Drift = 0.01 dB

SAR (1g) = 2.67 W/kg; SAR (10g) = 0.798 W/kg

Smallest distance from peaks to all points 3 dB below = 6.5 mm

Ratio of SAR at M2 to SAR at M1 = 58.4 %



Date: 2025-12-03

11_WLAN6GHz_802.11be-EHT320 MCS0_Right Side_0mm_Ch31

Communication System: IEEE 802.11be

Frequency: 6105.000 MHz; Duty Cycle: 1:1.002

Medium: HSL_6500_251203 Medium parameters used: $f = 6105.000$ MHz; $\sigma = 5.62$ S/m; $\epsilon_r = 34.7$

Ambient Temperature: 23.2°C; Liquid Temperature: 22.8°C

DASY6 Configuration:

- Probe: EX3DV4 - SN7706; ConvF(5.34, 6.3, 5.44); Calibrated: 2025-05-22
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1358; Calibrated: 2025-07-15
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2024; Section: Flat
- Measurement Software: 16.4.0.5005
- UID: WLAN, 11026-AAB

Area Scan (68.0 mm x 170.0 mm): Measurement Grid: 8.5 mm x 8.5 mm

SAR (1g) = 0.533 W/kg; SAR (10g) = 0.166 W/kg;

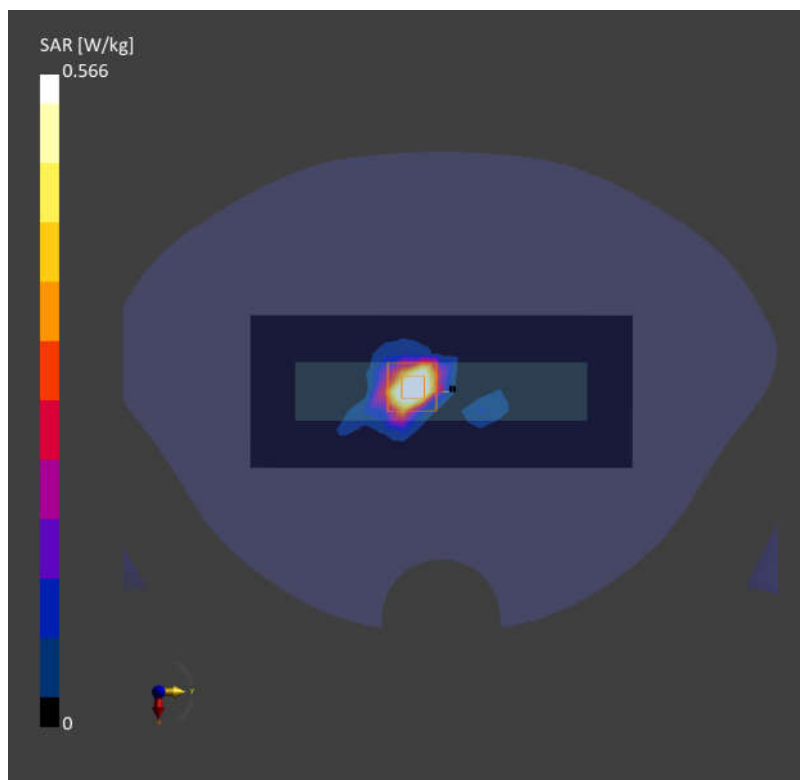
Zoom Scan (22.0 mm x 22.0 mm x 22.0 mm): Measurement Grid: 3.4 mm x 3.4 mm x 1.4 mm

Power Drift = 0.18 dB

SAR (1g) = 0.566 W/kg; SAR (10g) = 0.173 W/kg

Smallest distance from peaks to all points 3 dB below = 6.1 mm

Ratio of SAR at M2 to SAR at M1 = 52.1 %

psAPD (4.0cm², sq) = 3.96 [W/m²]

Date: 2025-11-29

12_Bluetooth_LE 2Mbps_Left Side_0mm_Ch39

Communication System: IEEE 802.15.1 Bluetooth

Frequency: 2480.000 MHz; Duty Cycle: 1:3

Medium: HSL_2450_251129 Medium parameters used: $f = 2480.000$ MHz; $\sigma = 1.78$ S/m; $\epsilon_r = 39.2$

Ambient Temperature: 23.2°C; Liquid Temperature: 22.6°C

DASY6 Configuration:

- Probe: EX3DV4 - SN7918; ConvF(7.36, 7.16, 6.91); Calibrated: 2025-03-24
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1358; Calibrated: 2025-07-15
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2024; Section: Flat
- Measurement Software: 16.4.0.5005
- UID: Bluetooth, 10032-CAA

Area Scan (72.0 mm x 160.0 mm): Measurement Grid: 12.0 mm x 10.0 mm

SAR (1g) = 0.127 W/kg; SAR (10g) = 0.053 W/kg;

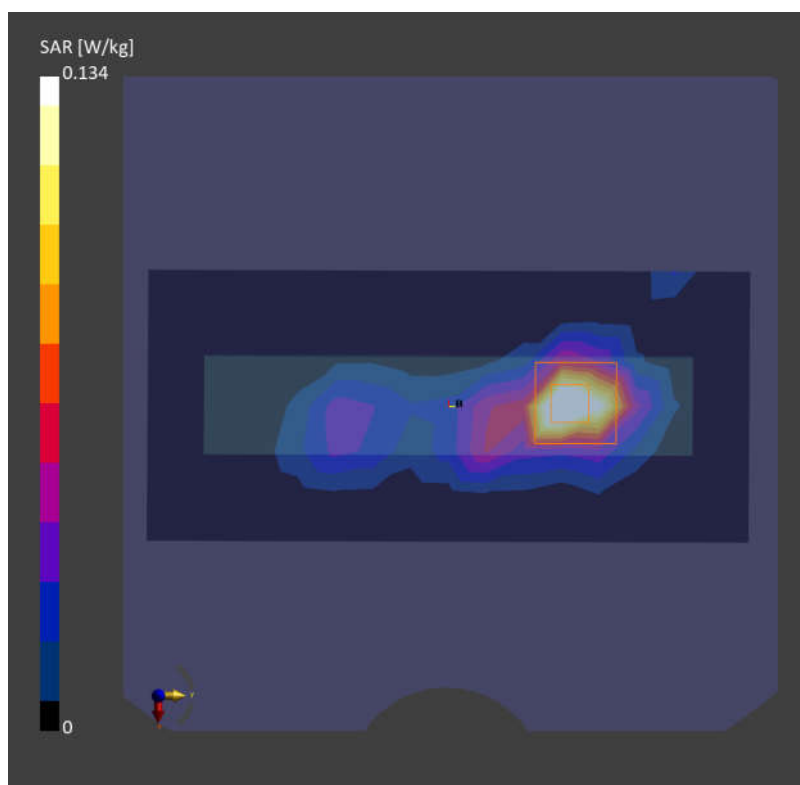
Zoom Scan (30.0 mm x 30.0 mm x 30.0 mm): Measurement Grid: 5.0 mm x 5.0 mm x 1.5 mm

Power Drift = -0.08 dB

SAR (1g) = 0.134 W/kg; SAR (10g) = 0.055 W/kg

Smallest distance from peaks to all points 3 dB below = 5.4 mm

Ratio of SAR at M2 to SAR at M1 = 76.2 %



Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab

Date: 2025/12/8

13_NFC_ASK_Back_0mm

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

Medium: HSL_13 Medium parameters used: $f = 13.56$ MHz; $\sigma = 0.734$ S/m; $\epsilon_r = 56.412$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C ; Liquid Temperature : 22.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(14.22, 13.53, 13.92); Calibrated: 2025/9/11
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1386; Calibrated: 2025/9/15
- Phantom: ELI V5.0 (Left); Type: QD OVA 002 AA; Serial: 1232
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Area Scan (71x101x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Maximum value of SAR (interpolated) = 0.00920 W/kg

Zoom Scan (6x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

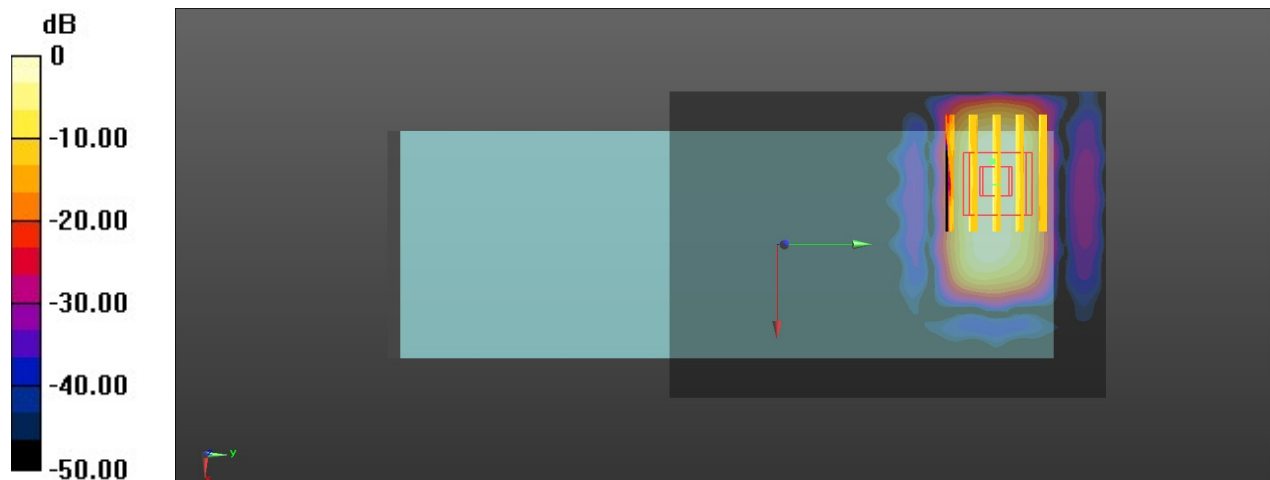
Reference Value = 0 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.00763 W/kg

SAR(1 g) = 0.00255 W/kg; SAR(10 g) = 0.001 W/kgSmallest distance from peaks to all points 3 dB below: Larger than measurement grid (> 16 mm)

Ratio of SAR at M2 to SAR at M1 = 32.7%

Maximum value of SAR (measured) = 0.00535 W/kg



0 dB = 0.00535 W/kg = -22.72 dBW/kg

01_WLAN6GHz_802.11be-EHT320 MCS0_Right Side_2mm_Ch31

Device Under Test Properties

Model, Manufacturer	Dimensions [mm]
Device,	228.0 x 78.0 x 45.0

Exposure Conditions

Phantom Section	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor
5G	EDGE RIGHT, 2.00	U-NII-5	WLAN, 11026-AAA	6105.0, 31	1.0

Hardware Setup

Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
mmWave - 1065	Air -	EUmmWV4 - SN9441_F1-55GHz, 2025-11-17	DAE4 Sn1338, 2025-03-18

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	2025-12-15
Avg. Area [cm ²]	4.00
psPDn+ [W/m ²]	2.85
psPDtot+ [W/m ²]	3.33
psPDmod+ [W/m ²]	4.88
E _{max} [V/m]	55.2
Power Drift [dB]	-0.17

