

Date: 2025-07-15

01_WLAN2.4GHz_802.11b 1Mbps_Edge 2_0mm_Ch6

Communication System: IEEE 802.11b WiFi 2.4 GHz

Frequency: 2437.000 MHz; Duty Cycle: 1:1

Medium: HSL_2450MHz_250715 Medium parameters used: $f = 2437.000$ MHz; $\sigma = 1.76$ S/m; $\epsilon_r = 39.1$

Ambient Temperature: 23.3°C; Liquid Temperature: 22.8°C

DASY6 Configuration:

- Probe: EX3DV4 - SN7630; ConvF(7.32, 7.48, 7.18); Calibrated: 2024-08-22
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1691; Calibrated: 2025-06-04
- Phantom: ELI V8.0 (20deg probe tilt); Serial: 2135; Section: Flat
- Measurement Software: 16.4.0.5005
- UID: WLAN, 10415-AAA

Area Scan (36.0 mm x 240.0 mm): Measurement Grid: 6.0 mm x 10.0 mm

SAR (1g) = 0.910 W/kg; SAR (10g) = 0.329 W/kg;

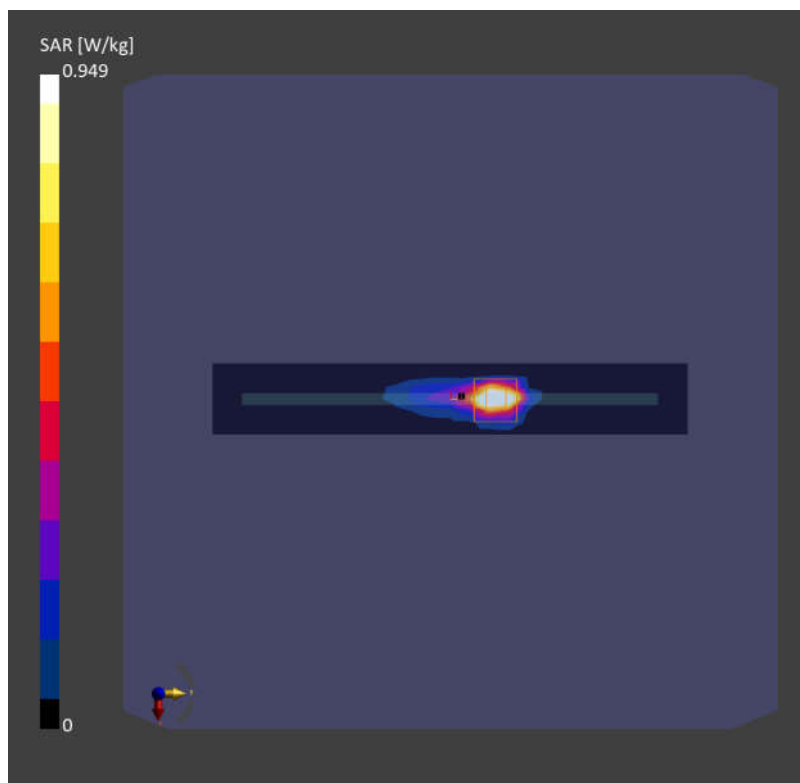
Zoom Scan (30.0 mm x 30.0 mm x 30.0 mm): Measurement Grid: 5.0 mm x 5.0 mm x 1.5 mm

Power Drift = -0.03 dB

SAR (1g) = 0.949 W/kg; SAR (10g) = 0.332 W/kg

Smallest distance from peaks to all points 3 dB below = 5.2 mm

Ratio of SAR at M2 to SAR at M1 = 74.8 %



Date: 2025-07-16

02_WLAN5GHz_802.11ac VHT160 MCS0_Edge 2_0mm_Ch50

Communication System: IEEE 802.11ac WiFi

Frequency: 5250.000 MHz; Duty Cycle: 1:1

Medium: HSL_5250MHz_250716 Medium parameters used: $f = 5250.000$ MHz; $\sigma = 4.68$ S/m;
 $\epsilon_r = 36.4$

Ambient Temperature: 23.3°C; Liquid Temperature: 22.8°C

DASY6 Configuration:

- Probe: EX3DV4 - SN7630; ConvF(6.05, 6.18, 5.93); Calibrated: 2024-08-22
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1691; Calibrated: 2025-06-04
- Phantom: ELI V8.0 (20deg probe tilt); Serial: 2135; Section: Flat
- Measurement Software: 16.4.0.5005
- UID: WLAN, 10554-AAE

Area Scan (36.0 mm x 240.0 mm): Measurement Grid: 6.0 mm x 10.0 mm

SAR (1g) = 0.802 W/kg; SAR (10g) = 0.217 W/kg;

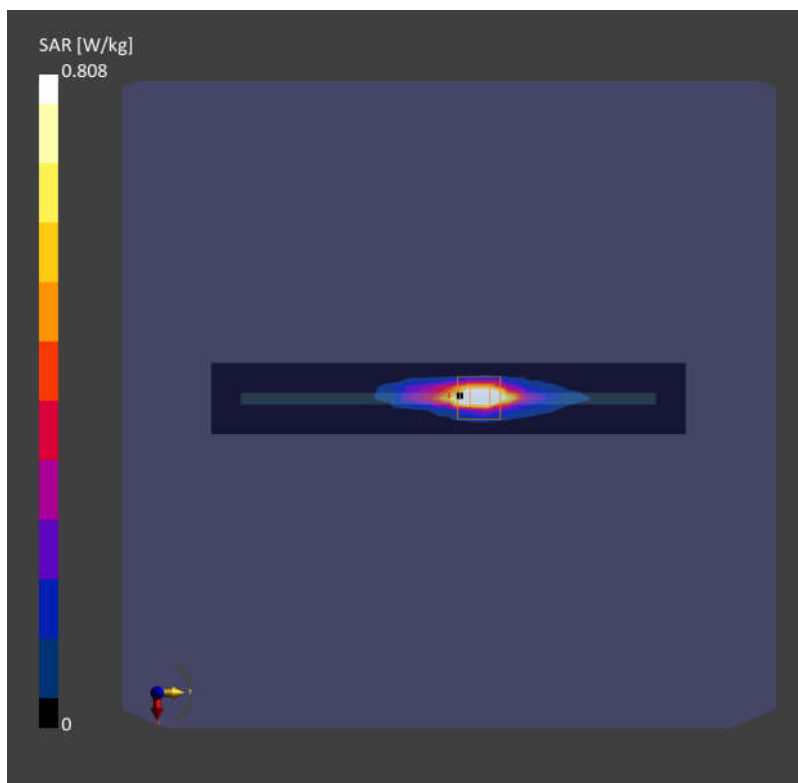
Zoom Scan (22.0 mm x 22.0 mm x 22.0 mm): Measurement Grid: 4.0 mm x 4.0 mm x 1.4 mm

Power Drift = -0.05 dB

SAR (1g) = 0.808 W/kg; SAR (10g) = 0.219 W/kg

Smallest distance from peaks to all points 3 dB below = 4.1 mm

Ratio of SAR at M2 to SAR at M1 = 59.9 %



Date: 2025-07-17

03_WLAN5GHz_802.11a 6Mbps_Edge 2_0mm_Ch100

Communication System: IEEE 802.11a WiFi 5 GHz

Frequency: 5500.000 MHz; Duty Cycle: 1:1.01

Medium: HSL_5600MHz_250717 Medium parameters used: $f=5500.000$ MHz; $\sigma=4.86$ S/m; $\epsilon_r=35.8$

Ambient Temperature: 23.3°C; Liquid Temperature: 22.8°C

DASY6 Configuration:

- Probe: EX3DV4 - SN7630; ConvF(5.4, 5.52, 5.3); Calibrated: 2024-08-22
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1691; Calibrated: 2025-06-04
- Phantom: ELI V8.0 (20deg probe tilt); Serial: 2135; Section: Flat
- Measurement Software: 16.4.0.5005
- UID: WLAN, 10317-AAE

Area Scan (36.0 mm x 240.0 mm): Measurement Grid: 10.0 mm x 10.0 mm

SAR (1g) = 0.632 W/kg; SAR (10g) = 0.181 W/kg;

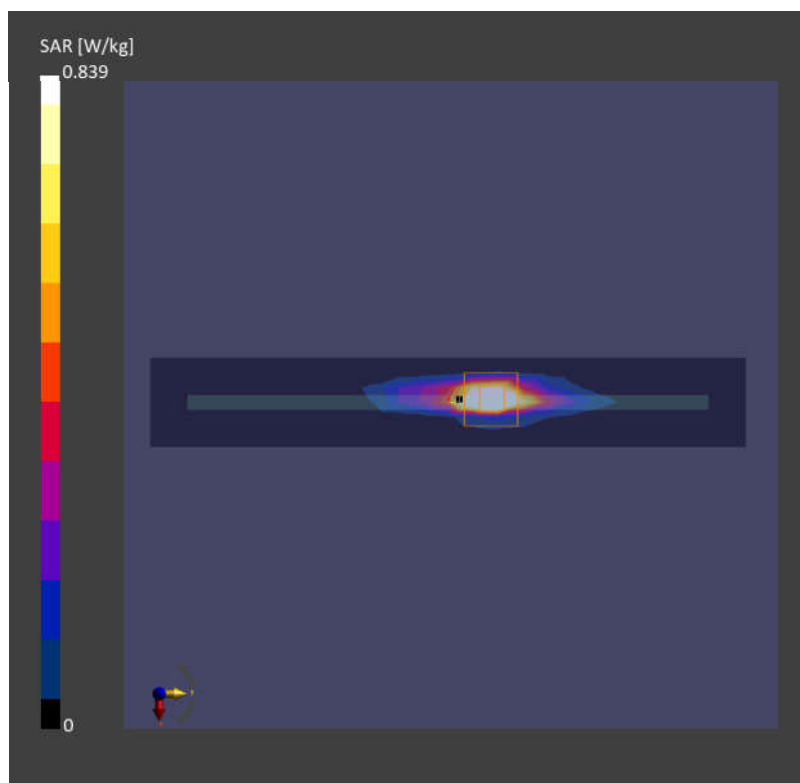
Zoom Scan (24.5 mm x 24.5 mm x 22.0 mm): Measurement Grid: 4.0 mm x 4.0 mm x 1.4 mm

Power Drift = -0.18 dB

SAR (1g) = 0.839 W/kg; SAR (10g) = 0.201 W/kg

Smallest distance from peaks to all points 3 dB below = 4.2 mm

Ratio of SAR at M2 to SAR at M1 = 58.1 %



Date: 2025-07-18

04_WLAN5GHz_802.11a 6Mbps_Edge 2_0mm_Ch149

Communication System: IEEE 802.11a WiFi 5 GHz

Frequency: 5745.000 MHz; Duty Cycle: 1:1.01

Medium: HSL_5750MHz_250718 Medium parameters used: $f=5745.000$ MHz; $\sigma=5.15$ S/m; $\epsilon_r=35.5$

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

DASY6 Configuration:

- Probe: EX3DV4 - SN7630; ConvF(5.55, 5.67, 5.44); Calibrated: 2024-08-22
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1691; Calibrated: 2025-06-04
- Phantom: ELI V8.0 (20deg probe tilt); Serial: 2135; Section: Flat
- Measurement Software: 16.4.0.5005
- UID: WLAN, 10317-AAE

Area Scan (36.0 mm x 240.0 mm): Measurement Grid: 10.0 mm x 10.0 mm

SAR (1g) = 0.623 W/kg; SAR (10g) = 0.161 W/kg;

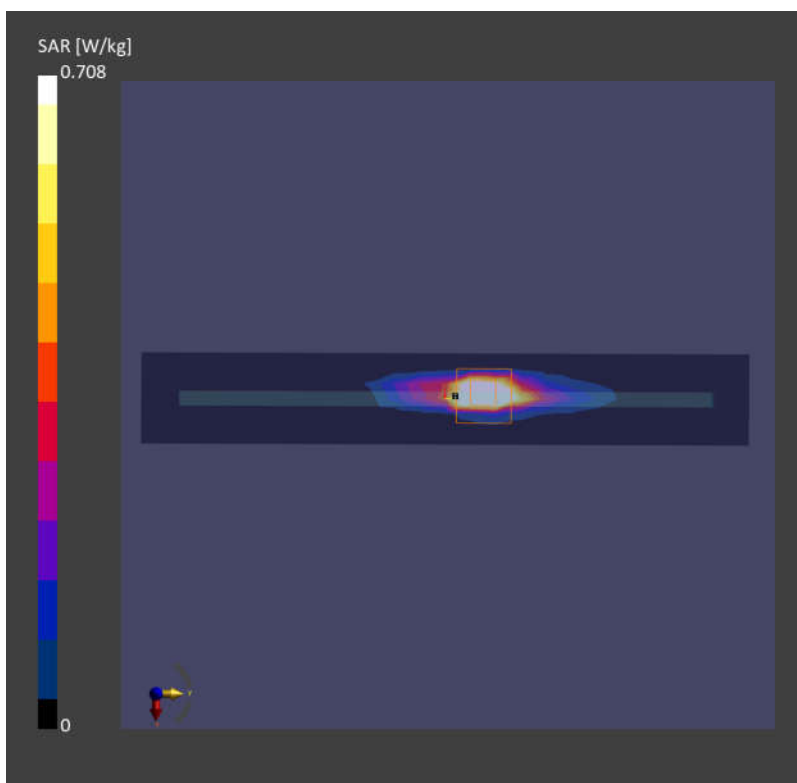
Zoom Scan (22.0 mm x 22.0 mm x 22.0 mm): Measurement Grid: 4.0 mm x 4.0 mm x 1.4 mm

Power Drift = -0.02 dB

SAR (1g) = 0.708 W/kg; SAR (10g) = 0.163 W/kg

Smallest distance from peaks to all points 3 dB below = 4.5 mm

Ratio of SAR at M2 to SAR at M1 = 56.8 %



Date: 2025-07-15

05_Bluetooth_1Mbps_Edge 2_0mm_Ch39

Communication System: IEEE 802.15.1 Bluetooth

Frequency: 2441.000 MHz; Duty Cycle: 1:1.304

Medium: HSL_2450MHz_250715 Medium parameters used: $f = 2441.000$ MHz; $\sigma = 1.78$ S/m; $\epsilon_r = 39.2$

Ambient Temperature: 23.3°C; Liquid Temperature: 22.8°C

DASY6 Configuration:

- Probe: EX3DV4 - SN7630; ConvF(7.32, 7.48, 7.18); Calibrated: 2024-08-22
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1691; Calibrated: 2025-06-04
- Phantom: ELI V8.0 (20deg probe tilt); Serial: 2135; Section: Flat
- Measurement Software: 16.4.0.5005
- UID: Bluetooth, 10032-CAA

Area Scan (36.0 mm x 240.0 mm): Measurement Grid: 6.0 mm x 10.0 mm

SAR (1g) = 0.168 W/kg; SAR (10g) = 0.058 W/kg;

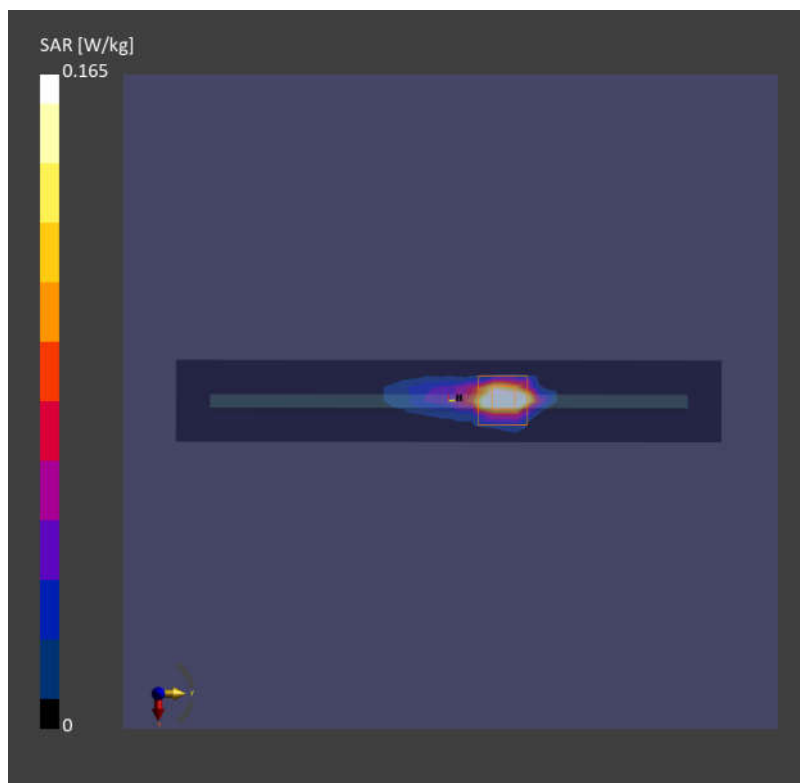
Zoom Scan (30.0 mm x 30.0 mm x 30.0 mm): Measurement Grid: 5.0 mm x 5.0 mm x 1.5 mm

Power Drift = -0.18 dB

SAR (1g) = 0.165 W/kg; SAR (10g) = 0.057 W/kg

Smallest distance from peaks to all points 3 dB below = 5.6 mm

Ratio of SAR at M2 to SAR at M1 = 72.9 %



Date: 2025-07-19

06_WLAN6GHz_802.11ax-HE160 MCS0_Edge 2_0mm_Ch111

Communication System: IEEE 802.11ax

Frequency: 6505.000 MHz; Duty Cycle: 1:1

Medium: HSL_6500MHz_250719 Medium parameters used: $f = 6505.000$ MHz; $\sigma = 6.10$ S/m; $\epsilon_r = 34.1$

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

DASY6 Configuration:

- Probe: EX3DV4 - SN7706; ConvF(5.34, 6.3, 5.44); Calibrated: 2025-05-22
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1691; Calibrated: 2025-06-04
- Phantom: ELI V8.0 (20deg probe tilt); Serial: 2135; Section: Flat
- Measurement Software: 16.4.0.5005
- UID: WLAN, 10743-AAC

Area Scan (36.0 mm x 255.0 mm): Measurement Grid: 8.5 mm x 8.5 mm

SAR (1g) = 0.887 W/kg; SAR (10g) = 0.214 W/kg;

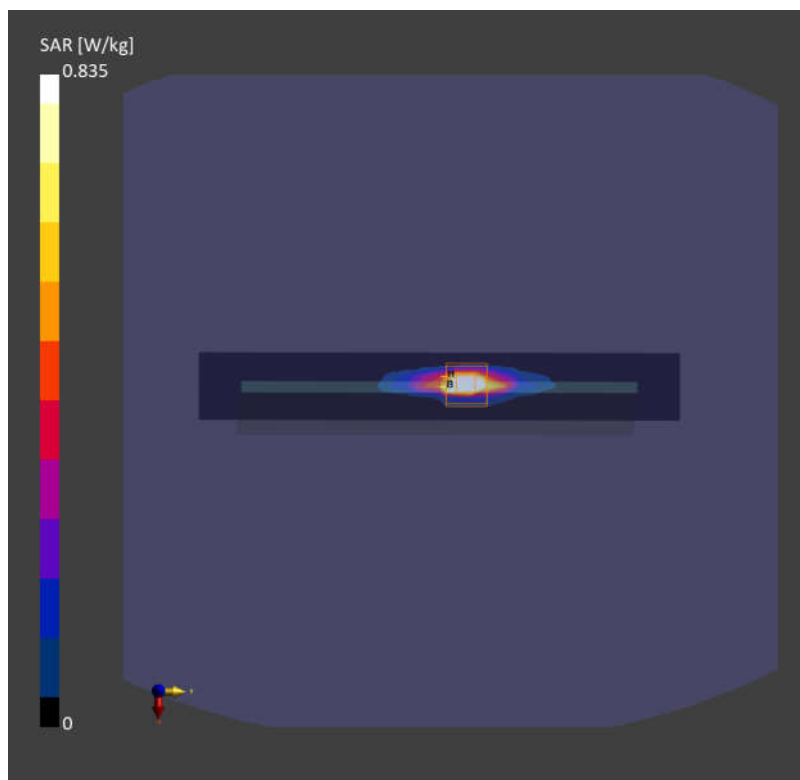
Zoom Scan (22.0 mm x 22.0 mm x 22.0 mm): Measurement Grid: 3.4 mm x 3.4 mm x 1.4 mm

Power Drift = 0.02 dB

SAR (1g) = 0.835 W/kg; SAR (10g) = 0.207 W/kg

Smallest distance from peaks to all points 3 dB below = 4.1 mm

Ratio of SAR at M2 to SAR at M1 = 52.9 %

psAPD (4.0cm², sq) = 4.86 [W/m²]

01_WLAN6GHz_802.11ax-HE160 MCS0_Edge 2.2mm_Ch15

Device Under Test Properties

Model, Manufacturer	Dimensions [mm]
Device,	312.0 x 210.0 x 6.0

Exposure Conditions

Phantom Section	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor
5G	EDGE TOP, 2.00	U-NII-5	WLAN, 10743-AAC	6025.0, 15	1.0

Hardware Setup

Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
mmWave - 1065	Air -	EUmmWV4 - SN9553_F1-55GHz, 2024-11-15	DAE4 Sn1650, 2024-11-25

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	2025-08-05
Avg. Area [cm ²]	4.00
psPDn+ [W/m ²]	2.24
psPDtot+ [W/m ²]	2.98
psPDmod+ [W/m ²]	5.47
E _{max} [V/m]	65.1
Power Drift [dB]	0.01

