

Date: 2025-09-15

01_WLAN2.4GHz_802.11b 1Mbps_Edge 4_0mm_Ch1

Communication System: IEEE 802.11b WiFi 2.4 GHz

Frequency: 2412.000MHz; Duty Cycle: 1:1

Medium: HSL_2450_250915 Medium parameters used: $f = 2412.000$ MHz; $\sigma = 1.73$ S/m; $\epsilon_r = 39.1$

Ambient Temperature: 23.3°C; Liquid Temperature: 22.7°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: ELI V8.0 (20deg probe tilt); Serial: 2135; Section: Flat
- Measurement Software: 16.4.0.5005
- UID: WLAN, 10415-CAB

Area Scan (36.0 mm x 220.0 mm): Measurement Grid: 6.0 mm x 10.0 mm

SAR (1g) = 0.597 W/kg; SAR (10g) = 0.279 W/kg;

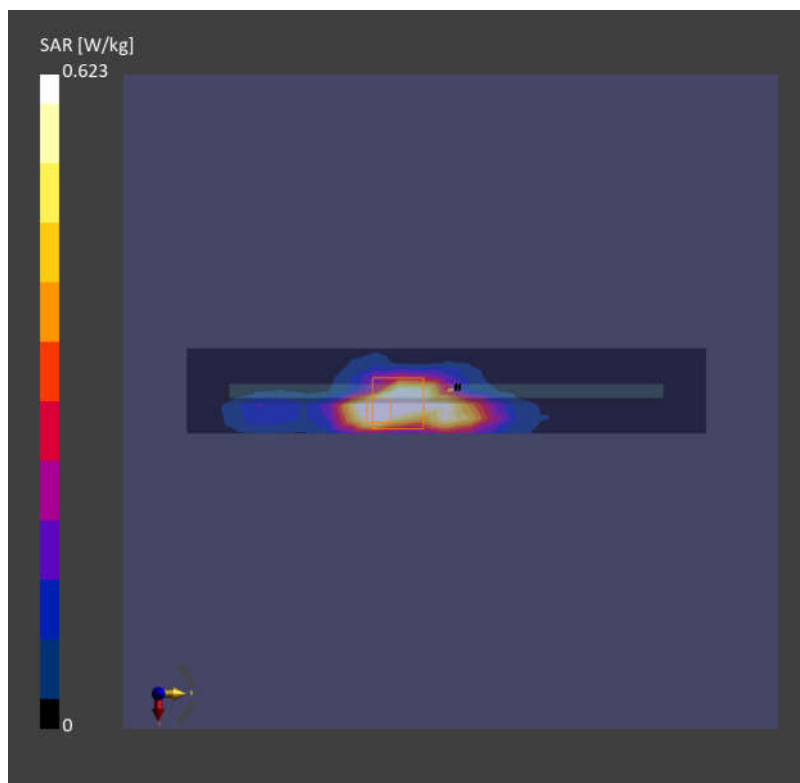
Zoom Scan (30.0 mm x 30.0 mm x 30.0 mm): Measurement Grid: 5.0 mm x 5.0 mm x 1.5 mm

Power Drift = 0.05 dB

SAR (1g) = 0.623 W/kg; SAR (10g) = 0.286 W/kg

Smallest distance from peaks to all points 3 dB below = 6.8 mm

Ratio of SAR at M2 to SAR at M1 = 75.8 %



Date: 2025-09-16

02_WLAN5GHz_802.11ac-VHT40 MCS0_Edge 1_0mm_Ch38

Communication System: IEEE 802.11ac WiFi

Frequency: 5190.000 MHz; Duty Cycle: 1:1.103

Medium: HSL_5250_250916 Medium parameters used: $f = 5190.000$ MHz; $\sigma = 4.60$ S/m; $\epsilon_r = 36.5$

Ambient Temperature: 23.4°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: ELI V8.0 (20deg probe tilt); Serial: 2135; Section: Flat
- Measurement Software: 16.4.0.5005
- UID: WLAN, 10534-AAD

Area Scan (36.0 mm x 300.0 mm): Measurement Grid: 6.0 mm x 10.0 mm

SAR (1g) = 0.916 W/kg; SAR (10g) = 0.282 W/kg;

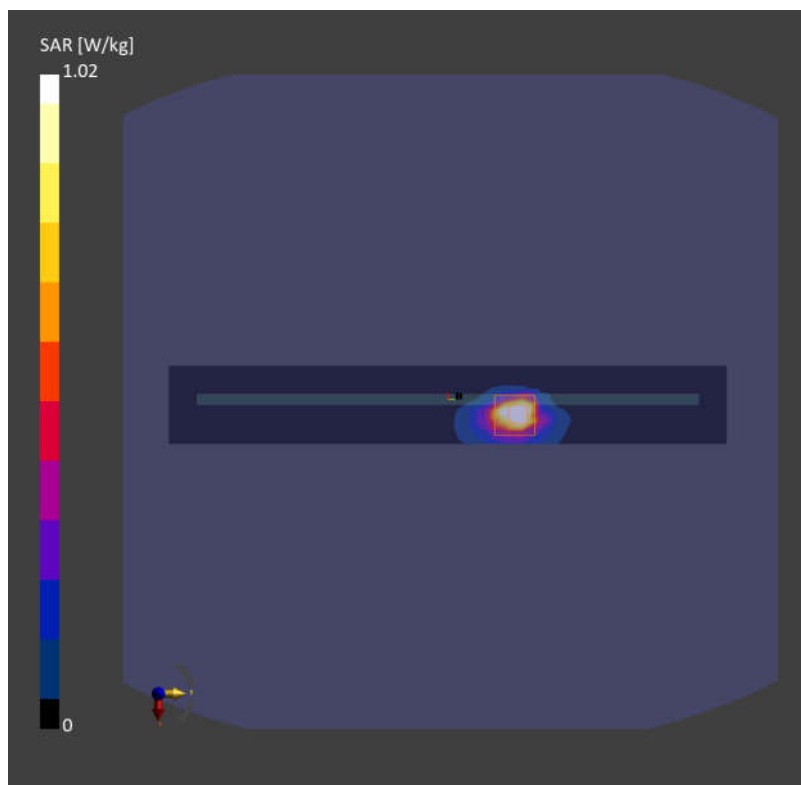
Zoom Scan (22.0 mm x 22.0 mm x 22.0 mm): Measurement Grid: 4.0 mm x 4.0 mm x 1.4 mm

Power Drift = -0.05 dB

SAR (1g) = 1.02 W/kg; SAR (10g) = 0.293 W/kg

Smallest distance from peaks to all points 3 dB below = 6.4 mm

Ratio of SAR at M2 to SAR at M1 = 64.2 %



Date: 2025-09-16

03_WLAN5GHz_802.11ac-VHT40 MCS0_Edge 1_0mm_Ch54

Communication System: IEEE 802.11ac WiFi

Frequency: 5270.000 MHz; Duty Cycle: 1:1.103

Medium: HSL_5250_250916 Medium parameters used: $f = 5270.000$ MHz; $\sigma = 4.69$ S/m; $\epsilon_r = 36.4$

Ambient Temperature: 23.4°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: ELI V8.0 (20deg probe tilt); Serial: 2135; Section: Flat
- Measurement Software: 16.4.0.5005
- UID: WLAN, 10534-AAD

Area Scan (36.0 mm x 300.0 mm): Measurement Grid: 6.0 mm x 10.0 mm

SAR (1g) = 0.977 W/kg; SAR (10g) = 0.321 W/kg;

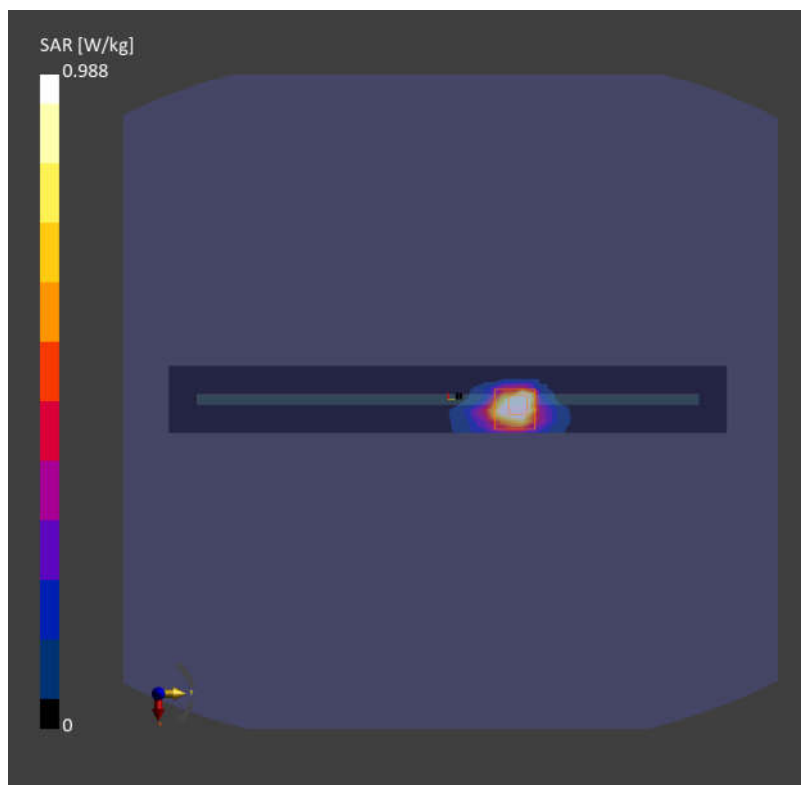
Zoom Scan (22.0 mm x 22.0 mm x 22.0 mm): Measurement Grid: 4.0 mm x 4.0 mm x 1.4 mm

Power Drift = -0.05 dB

SAR (1g) = 0.988 W/kg; SAR (10g) = 0.348 W/kg

Smallest distance from peaks to all points 3 dB below = 5.1 mm

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



Date: 2025-09-18

04_WLAN5GHz_802.11ax-HE80 MCS0_Edge 1_0mm_Ch138

Communication System: IEEE 802.11ax WiFi

Frequency: 5690.000 MHz; Duty Cycle: 1:1.029

Medium: HSL_5750_250918 Medium parameters used: $f = 5690.000$ MHz; $\sigma = 5.18$ S/m; $\epsilon_r = 35.8$

Ambient Temperature: 23.2°C; Liquid Temperature: 22.7°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: ELI V8.0 (20deg probe tilt); Serial: 2135; Section: Flat
- Measurement Software: 16.4.0.5005
- UID: WLAN, 10731-AAC

Area Scan (48.0 mm x 300.0 mm): Measurement Grid: 8.0 mm x 10.0 mm

SAR (1g) = 0.856 W/kg; SAR (10g) = 0.280 W/kg;

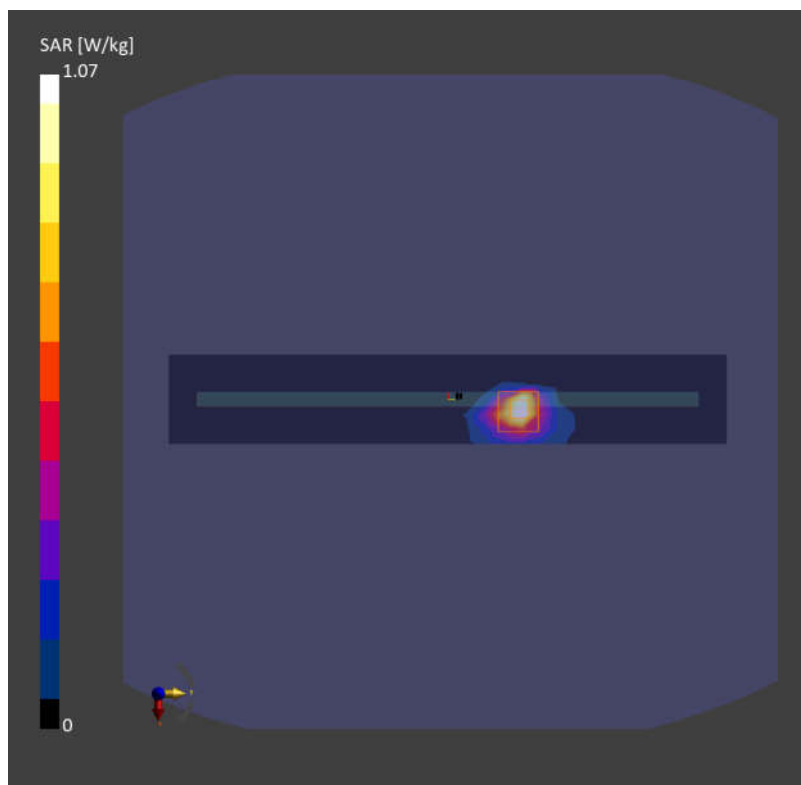
Zoom Scan (22.0 mm x 22.0 mm x 22.0 mm): Measurement Grid: 4.0 mm x 4.0 mm x 1.4 mm

Power Drift = 0.01 dB

SAR (1g) = 1.07 W/kg; SAR (10g) = 0.312 W/kg

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

Ratio of SAR at M2 to SAR at M1 = 56.5 %



Date: 2025-09-18

05_WLAN5GHz_802.11ax-HE80 MCS0_Edge 1_0mm_Ch155

Communication System: IEEE 802.11ax WiFi

Frequency: 5775.000 MHz; Duty Cycle: 1:1.029

Medium: HSL_5750_250918 Medium parameters used: $f = 5775.000$ MHz; $\sigma = 5.21$ S/m; $\epsilon_r = 35.7$

Ambient Temperature: 23.2°C; Liquid Temperature: 22.7°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: ELI V8.0 (20deg probe tilt); Serial: 2135; Section: Flat
- Measurement Software: 16.4.0.5005
- UID: WLAN, 10731-AAC

Area Scan (48.0 mm x 300.0 mm): Measurement Grid: 8.0 mm x 10.0 mm

SAR (1g) = 0.828 W/kg; SAR (10g) = 0.271 W/kg;

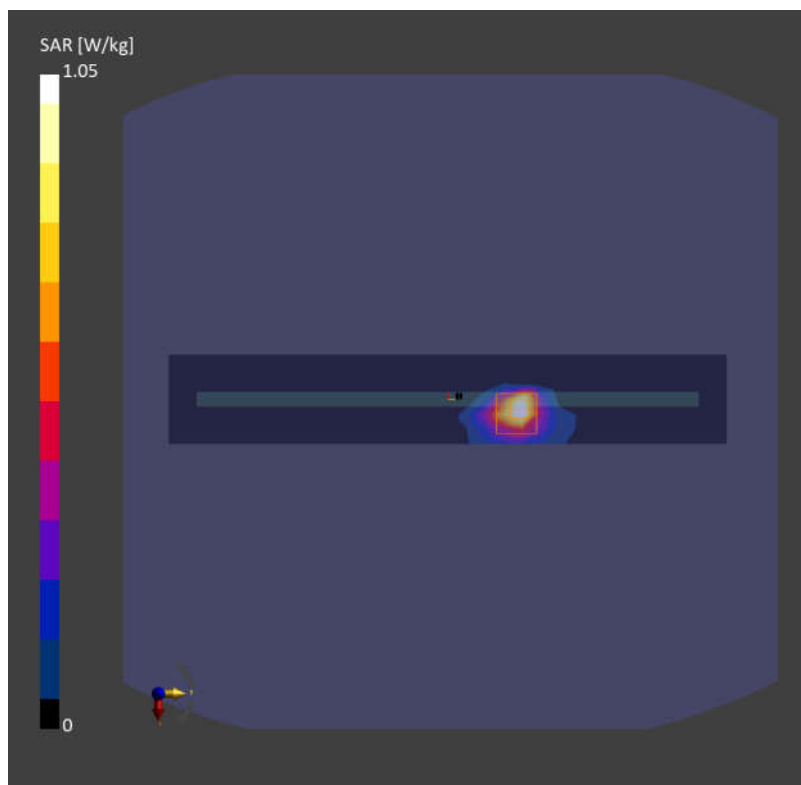
Zoom Scan (22.0 mm x 22.0 mm x 22.0 mm): Measurement Grid: 4.0 mm x 4.0 mm x 1.4 mm

Power Drift = -0.09 dB

SAR (1g) = 1.05 W/kg; SAR (10g) = 0.307 W/kg

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

Ratio of SAR at M2 to SAR at M1 = 56.1 %



Date: 2025-09-18

06_WLAN6GHz_802.11ax-HE160 MCS0_Edge 1_0mm_Ch47

Communication System: IEEE 802.11ax

Frequency: 6185.000 MHz; Duty Cycle: 1:1.066

Medium: HSL_6500_250918 Medium parameters used: $f = 6185.000$ MHz; $\sigma = 5.69$ S/m; $\epsilon_r = 34.7$

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

DASY6 Configuration:

- Probe: EX3DV4 - SN7706; ConvF(5.34, 6.3, 5.44); Calibrated: 2025-05-22
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1650; Calibrated: 2024-11-25
- Phantom: ELI V8.0 (20deg probe tilt); Serial: 2135; Section: Flat
- Measurement Software: 16.4.0.5005
- UID: WLAN, 10755-AAC

Area Scan (36.0 mm x 306.0 mm): Measurement Grid: 8.5 mm x 8.5 mm

SAR (1g) = 0.555 W/kg; SAR (10g) = 0.164 W/kg;

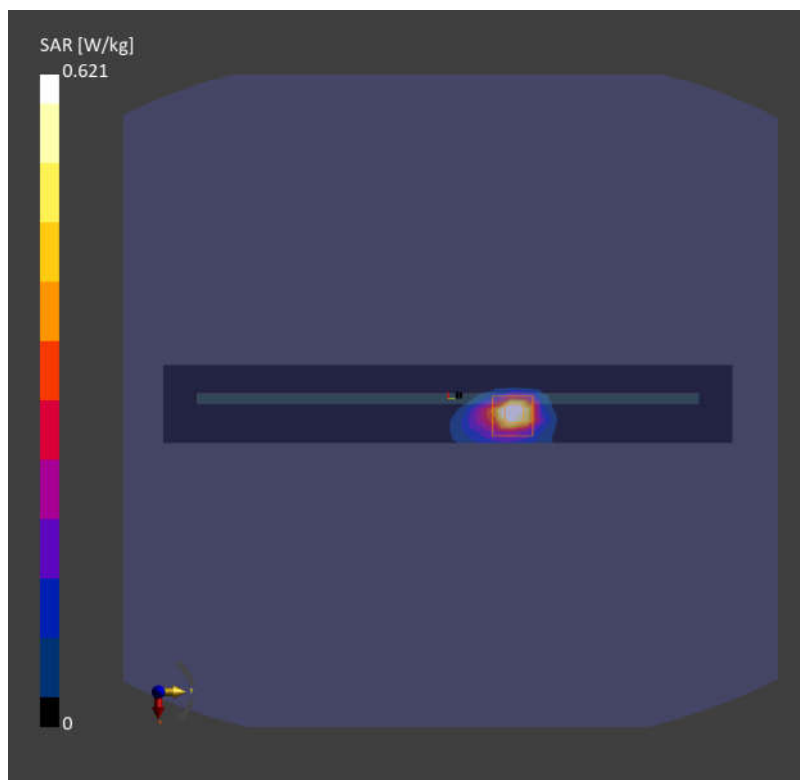
Zoom Scan (22.0 mm x 22.0 mm x 22.0 mm): Measurement Grid: 3.4 mm x 3.4 mm x 1.4 mm

Power Drift = 0.01 dB

SAR (1g) = 0.621 W/kg; SAR (10g) = 0.181 W/kg

Smallest distance from peaks to all points 3 dB below = 6.2 mm

Ratio of SAR at M2 to SAR at M1 = 51.9 %

psAPD (4.0cm², sq) = 4.15 [W/m²]

Date: 2025-09-15

07_Bluetooth_1Mbps_Edge 1_0mm_Ch39

Communication System: IEEE 802.15.1 Bluetooth

Frequency: 2441.000 MHz; Duty Cycle: 1:1.305

Medium: HSL_2450_250915 Medium parameters used: $f = 2441.000$ MHz; $\sigma = 1.78$ S/m; $\epsilon_r = 39.3$

Ambient Temperature: 23.3°C; Liquid Temperature: 22.7°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: 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 300.0 mm): Measurement Grid: 6.0 mm x 10.0 mm

SAR (1g) = 0.015 W/kg; SAR (10g) = 0.006 W/kg;

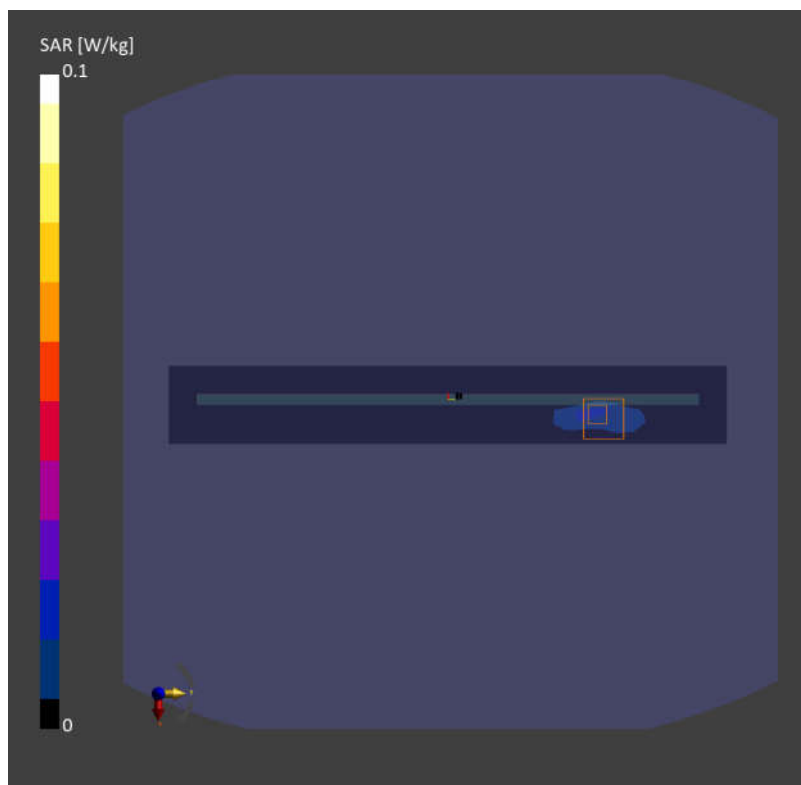
Zoom Scan (30.0 mm x 30.0 mm x 30.0 mm): Measurement Grid: 5.0 mm x 5.0 mm x 1.5 mm

Power Drift = 0.05 dB

SAR (1g) = 0.014 W/kg; SAR (10g) = 0.005 W/kg

Smallest distance from peaks to all points 3 dB below = 5.3 mm

Ratio of SAR at M2 to SAR at M1 = 83.3 %



For PD

01_WLAN6GHz_802.11ax-HE160 MCS0_Edge 1_2mm_Ch15

Device Under Test Properties

Model, Manufacturer	Dimensions [mm]	DUT Type
Device,	270.0 x 184.0 x 6.0	

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, 10755-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	2025-09-16
Avg. Area [cm ²]	4.00
psPDn+ [W/m ²]	1.99
psPDtot+ [W/m ²]	2.63
psPDmod+ [W/m ²]	4.53
E _{max} [V/m]	52.3
Power Drift [dB]	-0.01

