

Date: 2025-04-28

01_WLAN6GHz_802.11ax-HE160 MCS0_Right Side_15mm_Ch111

Communication System: IEEE 802.11ax

Frequency: 6505.000 MHz; Duty Cycle: 1:1.007

Medium: Head Simulating Liquid Medium parameters used: $f = 6505.000$ MHz; $\sigma = 6.13$ S/m; $\epsilon_r = 34.0$

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

DASY8 Configuration:

- Probe: EX3DV4 - SN7764; ConvF(5.74, 5.63, 5.69); Calibrated: 2024-09-02
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1338; Calibrated: 2025-03-18
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 1753; Section: Flat
- Measurement Software: 16.4.0.5005
- UID: WLAN, 10743-AAC

Area Scan (51.0 mm x 204.0 mm): Measurement Grid: 8.5 mm x 8.5 mm

SAR (1g) = 0.275 W/kg; SAR (10g) = 0.112 W/kg;

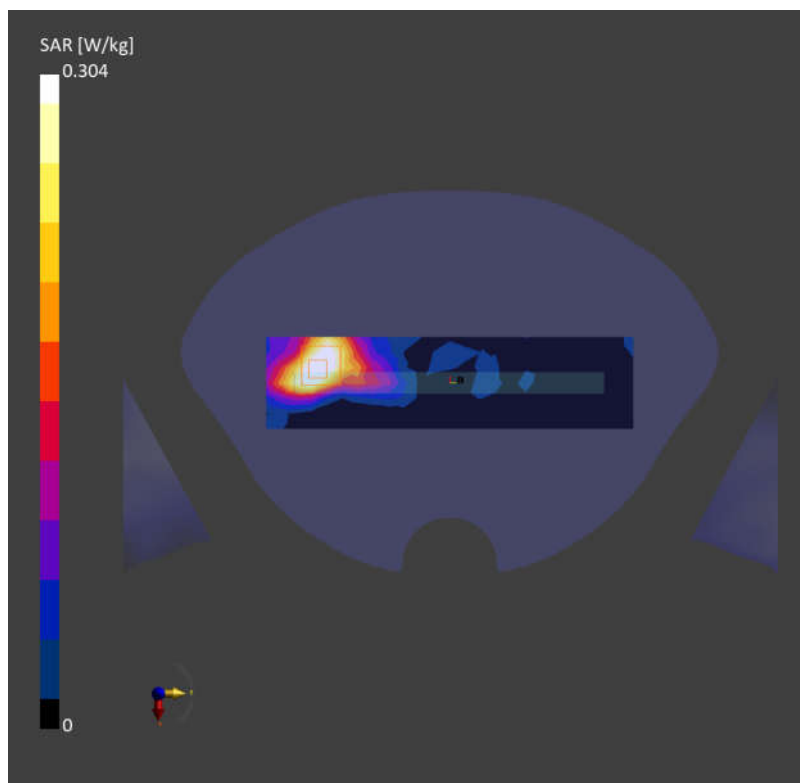
Zoom Scan (22.0 mm x 22.0 mm x 22.0 mm): Measurement Grid: 3.4 mm x 3.4 mm x 1.4 mm

Power Drift = -0.02 dB

SAR (1g) = 0.304 W/kg; SAR (10g) = 0.125 W/kg

Smallest distance from peaks to all points 3 dB below = 10.2 mm

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

psAPD (4.0cm², sq) = 2.74 [W/m²]

Date: 2025-04-28

02_WLAN6GHz_802.11ax-HE160 MCS0_Back_0mm_Ch47

Communication System: IEEE 802.11ax

Frequency: 6185.000 MHz; Duty Cycle: 1:1.007

Medium: Head Simulating Liquid Medium parameters used: $f = 6185.000$ MHz; $\sigma = 5.60$ S/m; $\epsilon_r = 34.7$

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

DASY8 Configuration:

- Probe: EX3DV4 - SN7764; ConvF(5.74, 5.63, 5.69); Calibrated: 2024-09-02
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1338; Calibrated: 2025-03-18
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 1753; Section: Flat
- Measurement Software: 16.4.0.5005
- UID: WLAN, 10743-AAC

Area Scan (119.0 mm x 204.0 mm): Measurement Grid: 8.5 mm x 8.5 mm

SAR (1g) = 0.808 W/kg; SAR (10g) = 0.210 W/kg;

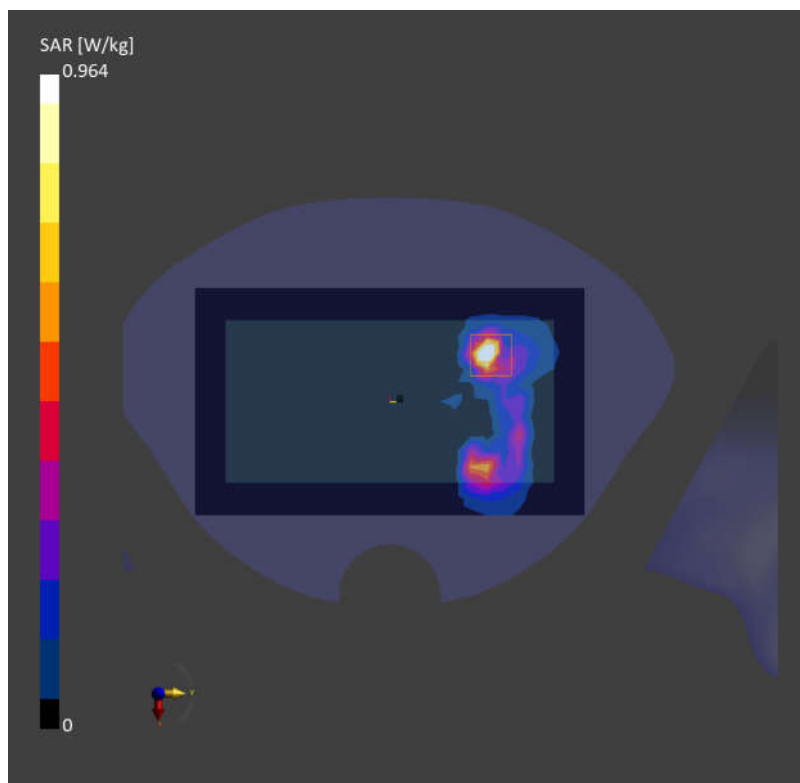
Zoom Scan (22.0 mm x 22.0 mm x 22.0 mm): Measurement Grid: 3.4 mm x 3.4 mm x 1.4 mm

Power Drift = 0.01 dB

SAR (1g) = 0.964 W/kg; SAR (10g) = 0.251 W/kg

Smallest distance from peaks to all points 3 dB below = 5.5 mm

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

psAPD (4.0cm², sq) = 5.78 [W/m²]

01_WLAN6GHz_802.11ax-HE80 MCS0_Back_2mm_Ch15

Device Under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
Device,	170.0 x 84.0 x 14.0		Phone

Exposure Conditions

Phantom Section	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor
5G	BACK, 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	2025-04-28
Avg. Area [cm ²]	4.00
psPDn+ [W/m ²]	4.08
psPDtot+ [W/m ²]	4.43
psPDmod+ [W/m ²]	5.41
E _{max} [V/m]	62.1
Power Drift [dB]	0.06

