

Date: 2026-07-22

01_WLAN6GHz_802.11ax-HE20 MCS0_Right Tilted_Ch1

Communication System: WiFi (802.11ax): HE20, MCS0 (8.6 Mbps), 100.0% DC; Frequency: 5955.000 MHz; Duty Cycle: 1:1.04

Medium: Medium parameters used: $f = 5955.000$ MHz; $\sigma = 5.48$ S/m; $\epsilon_r = 34.5$

Ambient Temperature: 23.5°C; Liquid Temperature: 22.6°C

DASY6 Configuration:

- Probe: EX3DV4 - SN7576; ConvF(5.38, 4.99, 5.19); Calibrated: 2026-05-26
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn715; Calibrated: 2025-11-28
- Phantom: Twin-SAM V5.0 (30deg probe tilt); Serial: 1670; Section: RightHead
- Measurement Software: 18.0.0.7250
- UID: WiFi (802.11ax), 10683-

Area Scan (120.0 mm x 200.0 mm): Measurement Grid: 10.0 mm x 10.0 mm

SAR (1g) = 0.155 W/kg; SAR (10g) = 0.052 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

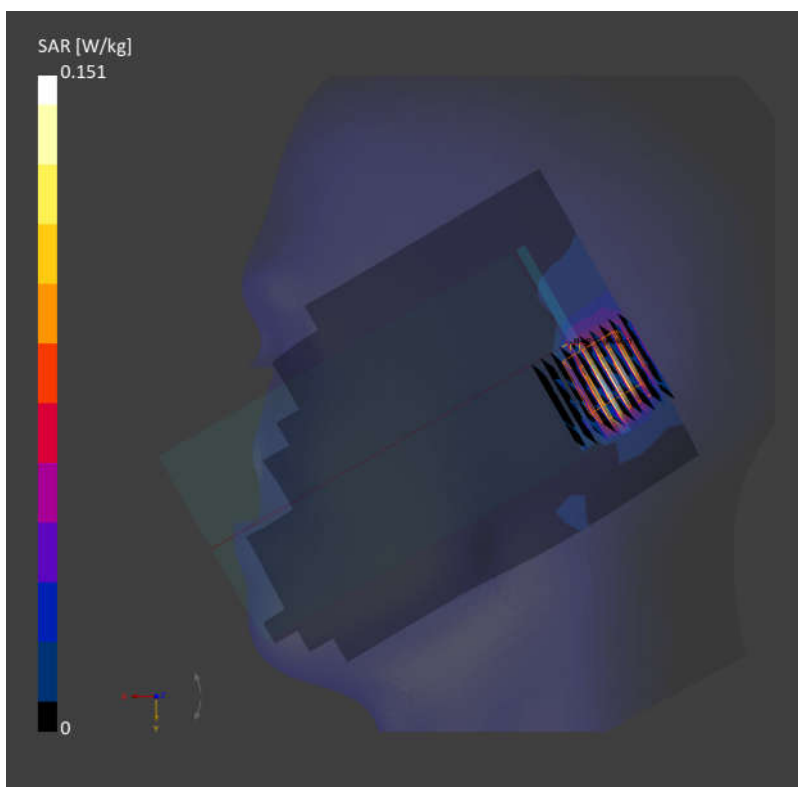
Power Drift = -0.09 dB

SAR (1g) = 0.151 W/kg; SAR (10g) = 0.058 W/kg

Smallest distance from peaks to all points 3 dB below = 7.5 mm

Ratio of SAR at M2 to SAR at M1 = 62.8 %

psAPD (4.0cm², sq) = 1.10 [W/m²]



Date: 2026-07-22

02_WLAN6GHz_802.11ax-HE40 MCS0_Back_10mm_Ch107

Communication System: WiFi (802.11ax): HE40, MCS0 (17.2 Mbps), 99.8% DC; Frequency: 6485.000 MHz; Duty Cycle: 1:1.008

Medium: Medium parameters used: $f = 6485.000$ MHz; $\sigma = 5.91$ S/m; $\epsilon_r = 33.6$

Ambient Temperature: 23.5°C; Liquid Temperature: 22.6°C

DASY6 Configuration:

- Probe: EX3DV4 - SN7576; ConvF(5.38, 4.99, 5.19); Calibrated: 2026-05-26
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn715; Calibrated: 2025-11-28
- Phantom: Twin-SAM V5.0 (30deg probe tilt); Serial: 1670; Section: Flat
- Measurement Software: 18.0.0.7250
- UID: WiFi (802.11ax), 10707-

Area Scan (119.0 mm x 187.0 mm): Measurement Grid: 8.5 mm x 8.5 mm

SAR (1g) = 0.097 W/kg; SAR (10g) = 0.034 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

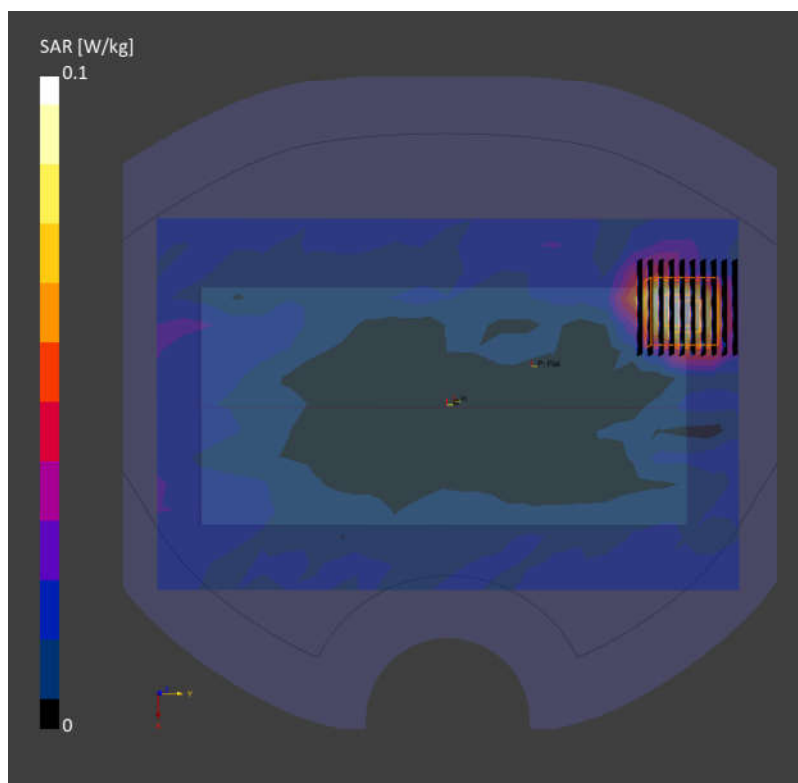
Power Drift = 0.08 dB

SAR (1g) = 0.084 W/kg; SAR (10g) = 0.027 W/kg

Smallest distance from peaks to all points 3 dB below = 6.7 mm

Ratio of SAR at M2 to SAR at M1 = 58.9 %

psAPD (4.0cm², sq) = 0.612 [W/m²]



Date: 2026-07-22

03_WLAN6GHz_802.11ax-HE20 MCS0_Top Side_0mm_Ch1

Communication System: WiFi (802.11ax): HE20, MCS0 (8.6 Mbps), 100.0% DC; Frequency: 5955.000 MHz; Duty Cycle: 1:1.04

Medium: Medium parameters used: $f = 5955.000$ MHz; $\sigma = 5.48$ S/m; $\epsilon_r = 34.5$

Ambient Temperature: 23.5°C; Liquid Temperature: 22.6°C

DASY6 Configuration:

- Probe: EX3DV4 - SN7576; ConvF(5.38, 4.99, 5.19); Calibrated: 2026-05-26
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn715; Calibrated: 2025-11-28
- Phantom: Twin-SAM V5.0 (30deg probe tilt); Serial: 1670; Section: Flat
- Measurement Software: 18.0.0.7250
- UID: WiFi (802.11ax), 10683-

Area Scan (60.0 mm x 120.0 mm): Measurement Grid: 10.0 mm x 10.0 mm

SAR (1g) = 0.400 W/kg; SAR (10g) = 0.113 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

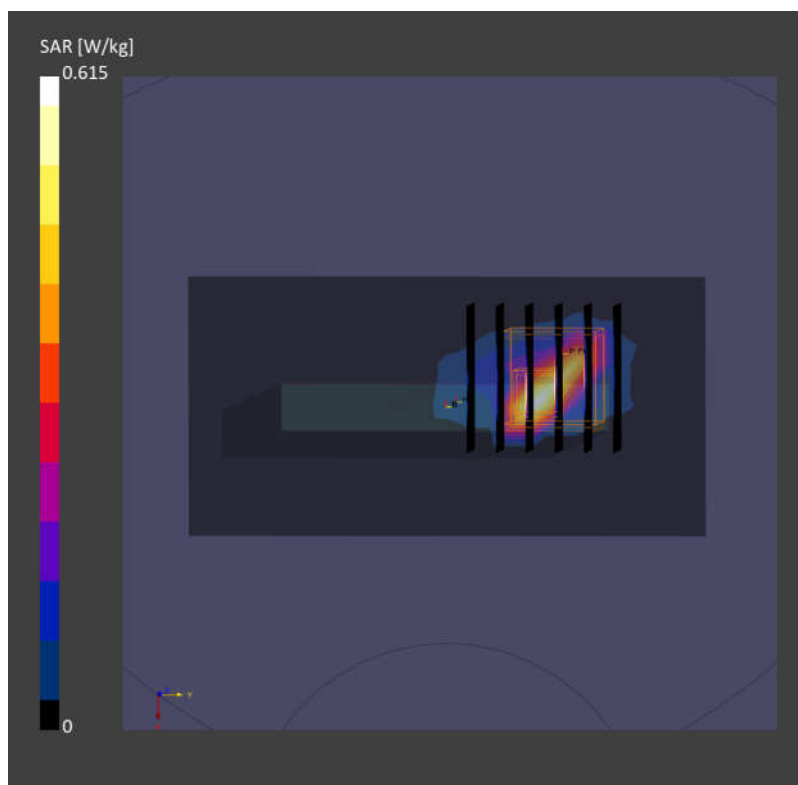
Power Drift = -0.05 dB

SAR (1g) = 0.615 W/kg; SAR (10g) = 0.134 W/kg

Smallest distance from peaks to all points 3 dB below = 4.8 mm

Ratio of SAR at M2 to SAR at M1 = 53.0 %

psAPD (4.0cm², sq) = 4.48 [W/m²]



For PD

01_WLAN6GHz_802.11ax-HE20 MCS0_Top Side_2mm_Ch1

Device Under Test Properties

Model, Manufacturer	Dimensions [mm]
Device,	171.0 x 78.0 x 9.0

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, 10683-AAC	5955.0, 1	1.0

Hardware Setup

Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
mmWave	Air -	EUmmWV4 - SN9432_F1-55GHz, 2026-05-22	DAE4 Sn715, 2025-11-28

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	2026-07-23
Avg. Area [cm ²]	4.00
psPDn+ [W/m ²]	1.44
psPDtot+ [W/m ²]	1.57
psPDmod+ [W/m ²]	2.26
E _{max} [V/m]	45.3
Power Drift [dB]	-0.16

