

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

Date: 2026/1/15

173_WLAN5GHz_802.11ac-VHT80 MCS0_Back Right_0mm_Ch155

Communication System: UID 0, WLAN5GHz (0); Frequency: 5775 MHz; Duty Cycle: 1:1
 Medium: HSL_5800_260115 Medium parameters used: $f = 5775$ MHz; $\sigma = 5.275$ S/m; $\epsilon_r = 35.734$; $\rho = 1000$ kg/m³
 Ambient Temperature : 23.4 °C; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(5.43, 4.91, 5.32) @ 5775 MHz; Calibrated: 2025/2/19
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn690; Calibrated: 2025/10/22
- Phantom: SAM Twin Phantom; Type: SAM Twin; Serial: TP-1697
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Area Scan (101x131x1): Interpolated grid: $dx=1.000$ mm, $dy=1.000$ mm
 Maximum value of SAR (interpolated) = 20.2 W/kg

Zoom Scan (9x9x7)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=1.4$ mm

Reference Value = 3.235 V/m; Power Drift = -0.06 dB

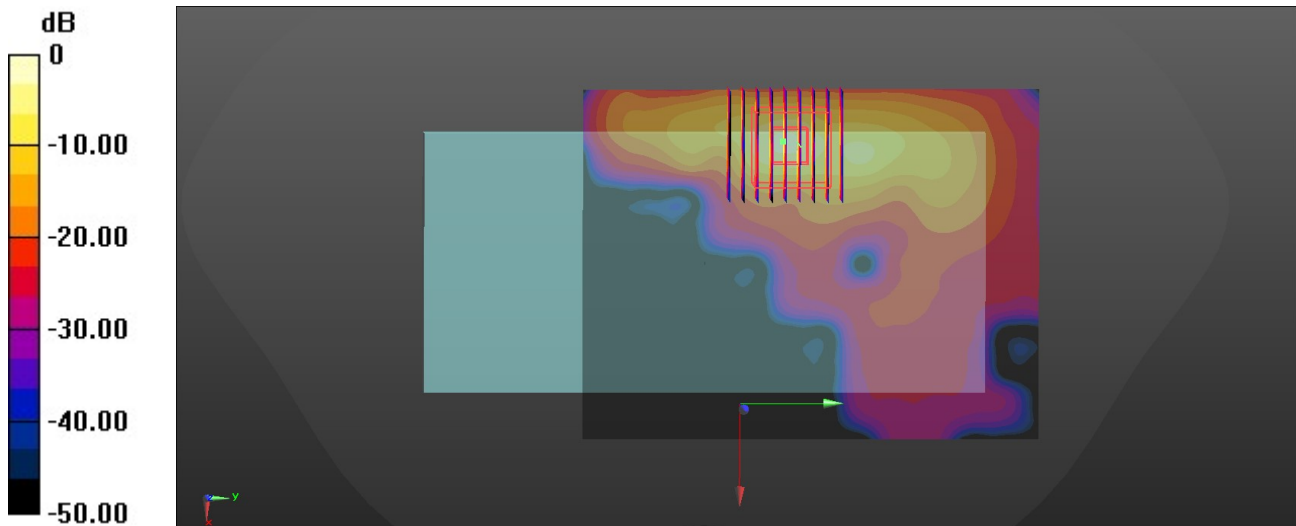
Peak SAR (extrapolated) = 96.1 W/kg

SAR(1 g) = 9.03 W/kg; SAR(10 g) = 1.95 W/kg

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

Ratio of SAR at M2 to SAR at M1 = 45.7%

Maximum value of SAR (measured) = 34.8 W/kg



0 dB = 34.8 W/kg = 15.42 dBW/kg

Date: 2026-01-25

174_WLAN6GHz_802.11be-EHT320 MCS0_Top Side_0mm_Ch159

Communication System: IEEE 802.11be;

Frequency: 6745.000 MHz; Duty Cycle: 1:1

Medium: HSL_6500_260125 Medium parameters used: $f = 6745.000$ MHz; $\sigma = 6.41$ S/m; $\epsilon_r = 33.7$

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

DASY6 Configuration:

- Probe: EX3DV4 - SN7764; ConvF(5.67, 5.52, 5.62); Calibrated: 2025-10-22
- 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, 11026-AAB

Area Scan (51.0 mm x 102.0 mm): Measurement Grid: 8.5 mm x 8.5 mm

SAR (1g) = 1.33 W/kg; SAR (10g) = 0.392 W/kg;

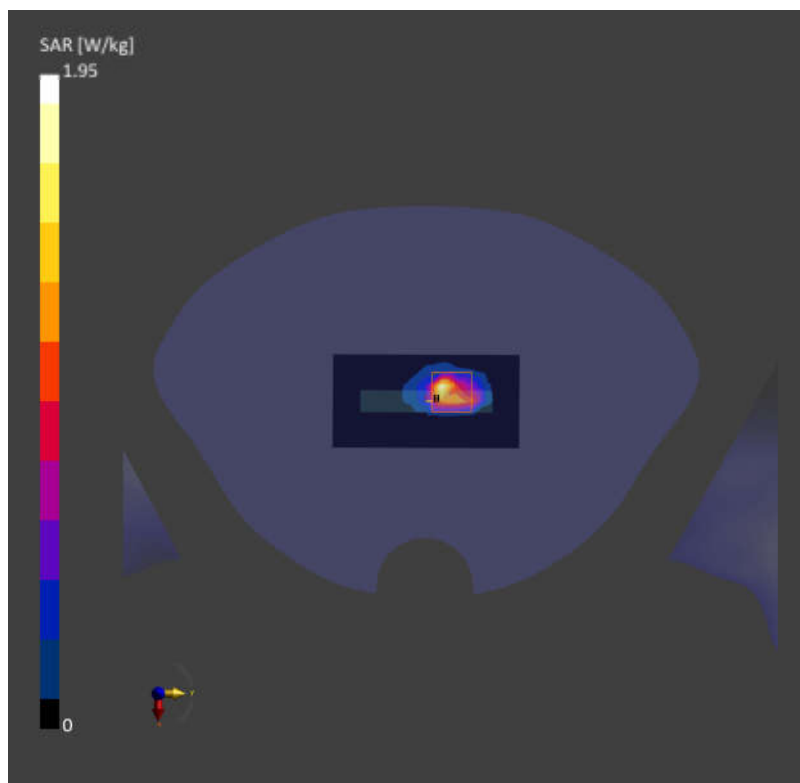
Zoom Scan (22.0 mm x 22.0 mm x 22.0 mm): Measurement Grid: 3.4 mm x 3.4 mm x 1.4 mm

Power Drift = 0.04 dB

SAR (1g) = 1.95 W/kg; SAR (10g) = 0.447 W/kg

Smallest distance from peaks to all points 3 dB below = 3.7 mm

Ratio of SAR at M2 to SAR at M1 = 43.7 %

psAPD (4.0cm², sq) = 10.4 [W/m²]

01_WLAN6GHz_802.11be-EHT320 MCS0_Top Side_2mm_Ch95

Device Under Test Properties

Model, Manufacturer	Dimensions [mm]
Device,	160.0 x 73.0 x 10.0

Exposure Conditions

Phantom Section	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor
5G	EDGE TOP, 2.00	Custom Band	CW, 11026-AAA	6425.0, 6425000	1.0

Hardware Setup

Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
mmWave - 1065	Air -	EUmmWV4 - SN9441_F1-55GHz, 2025-11-17	DAE4 Sn1691, 2025-06-04

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	2026-01-26
Avg. Area [cm ²]	4.00
psPDn+ [W/m ²]	1.59
psPDtot+ [W/m ²]	2.63
psPDmod+ [W/m ²]	8.71
E _{max} [V/m]	86.9
Power Drift [dB]	-0.17

