

Date: 2024-11-23

01_WLAN6GHz_802.11ax-HE160 MCS0_Right Side_10mm_Ch15

Communication System: IEEE 802.11ax (160MHz, MCS0, 99pc duty cycle)

Frequency: 6025.000MHz; Duty Cycle: 1:1

Medium: HSL Medium parameters used: $f = 6025.000$ MHz; $\sigma = 5.57$ S/m; $\epsilon_r = 35.4$

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

DASY6 Configuration:

- Probe: EX3DV4 - SN7706; ConvF(5.27, 6.32, 5.24); Calibrated: 2024-01-24
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1649; Calibrated: 2024-07-03
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2024; Section: Flat
- Measurement Software: 16.4.0.5005
- UID: WLAN, 10755-AAC

Area Scan (68.0 mm x 153.0 mm): Measurement Grid: 8.5 mm x 8.5 mm

SAR (1g) = 0.031 W/kg; SAR (10g) = 0.012 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

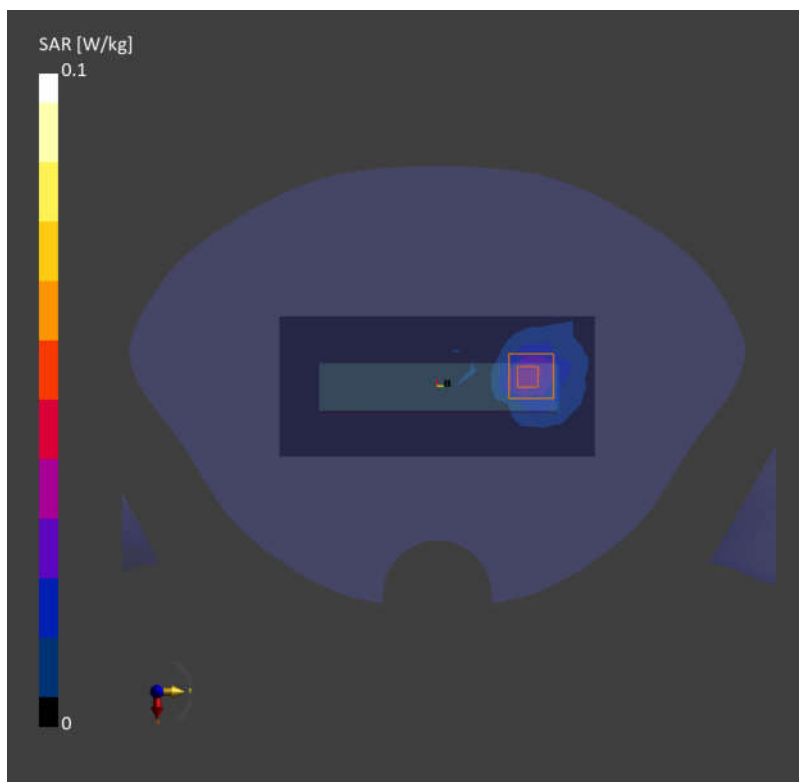
Power Drift = -0.08 dB

SAR (1g) = 0.033 W/kg; SAR (10g) = 0.014 W/kg

Smallest distance from peaks to all points 3 dB below = 9.5 mm

Ratio of SAR at M2 to SAR at M1 = 61.6 %

psAPD (4.0cm², sq) = 0.305 [W/m²]



01_WLAN6E_802.11ax-HE160 MCS0_Right Side_Ch79

Device Under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
Device,	115.0 x 100.0 x 17.0		

Exposure Conditions

Phantom Section	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor
5G	Right Side, 10.00	U-NII-5	WLAN, 10755-AAC	6345.0, 79	1.0

Hardware Setup

Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
mmWave – 1065	Air –	EUmmWV4 – SN9432_F1–55GHz, 2023–12–13	DAE4 Sn1358, 2024–05–23

Scans Setup

Scan Type	5G Scan
Grid Extents [mm]	120.0 x 120.0
Grid Steps [lambda]	0.25 x 0.25
Sensor Surface [mm]	10.0
MAIA	N/A

Measurement Results

Scan Type	5G Scan
Date	2024–11–23
Avg. Area [cm ²]	4.00
psPDn+ [W/m ²]	0.461
psPDtot+ [W/m ²]	0.484
psPDmod+ [W/m ²]	0.491
E _{max} [V/m]	15.0
Power Drift [dB]	–0.01

