

Date: 2024-03-21

#01_WLAN6GHz_802.11ax-HE160 MCS0_Left Side_10mm_Ch15

Communication System: IEEE 802.11ax WiFi; Frequency: 6025.000 MHz

Medium: HSL_6G_240321 Medium parameters used: $f = 6025.000$ MHz; $\sigma = 5.58$ S/m; $\epsilon_r = 35.3$

Ambient Temperature: 23.5°C; Liquid Temperature: 22.5°C

DASY6 Configuration:

- Probe: EX3DV4 - SN7785; ConvF(4.88, 4.81, 4.7); Calibrated: 2023-11-23
- Sensor-Surface: 1.4 mm
- Electronics: DAE4ip Sn1800; Calibrated: 2023-05-31
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2144; Section: Flat
- Measurement Software: 16.2.4.2524
- UID: WLAN, 10755-AAC

Area Scan (51.0 mm x 187.0 mm): Measurement Grid: 8.5 mm x 8.5 mm

SAR (1g) = 0.098 W/kg; SAR (10g) = 0.037 W/kg;

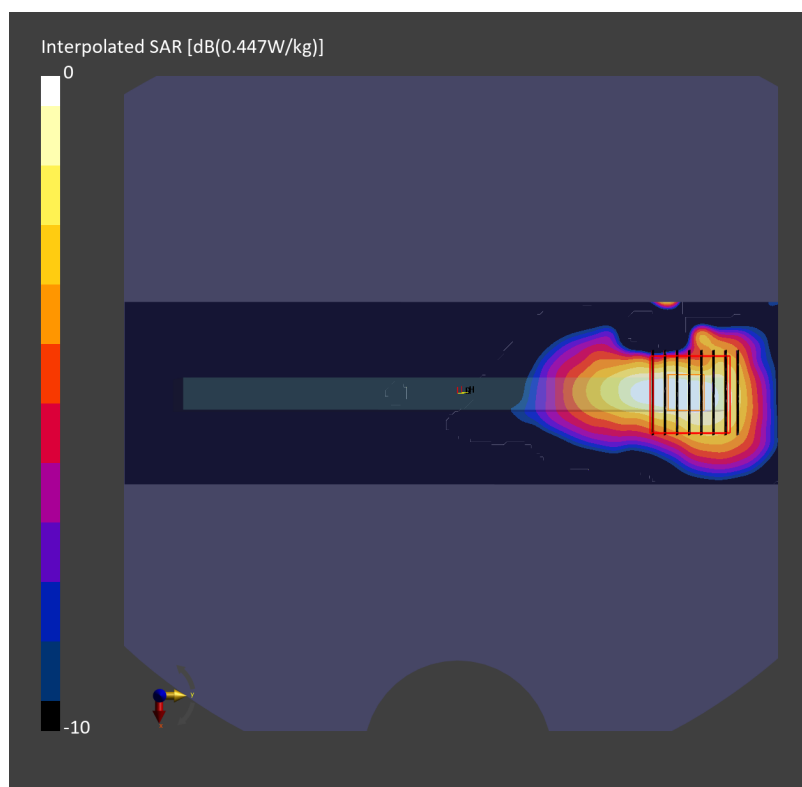
Zoom Scan (22.0 mm x 22.0 mm x 22.0 mm): Measurement Grid: 3.4 mm x 3.4 mm x 1.4 mm

Power Drift = -0.16 dB

SAR (1g) = 0.107 W/kg; SAR (8g) = 0.048 W/kg; SAR (10g) = 0.042 W/kg

Smallest distance from peaks to all points 3 dB below = 9.3 mm

Ratio of SAR at M2 to SAR at M1 = 58.8 %

psAPD (1.0cm², sq) = 1.07 [W/m²]; psAPD (4.0cm², sq) = 0.952 [W/m²]

Measurement Report for Device
Device Under Test Properties

Model, Manufacturer	Dimensions [mm]	Software Version	DUT Type
Device,	153.0 x 72.0 x 9.0	3.2.0.1840	Phone

Exposure Conditions

Phantom Section	Position, Test Distance [mm]	Frequency [MHz]	Conversion Factor
5G	EDGE LEFT, 10.00	6025.0	1.0

Hardware Setup

Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
mmWave – 1044	Air –	EUmmWV4 – SN9441_F1–55GHz, 2023–11–17	DAE4 Sn661, 2023–05–23

Scans Setup

Scan Type	5G Scan
Grid Extents [mm]	90.0 x 120.0
Grid Steps [lambda]	0.0625 x 0.0625
Sensor Surface [mm]	10.0

Measurement Results

Date	2024–04–03
Avg. Area [cm ²]	4.00
psPDn+ [W/m ²]	1.48
psPDtot+ [W/m ²]	1.56
H _{max} [A/m]	0.080
E _{max} [V/m]	31.6
max _(Stot) [W/m ²]	2.13
Power Drift [dB]	–0.18
IPDn	1.87

