

01_WLAN6GHz_802.11ax-HE160 MCS0_Left Cheek_0mm_Ch175

Communication System: IEEE 802.11ax WiFi (160MHz, 64-QAM, 99pc duty cycle); Frequency: 6825.000 MHz

Medium: HSL Medium parameters used: $f = 6825.000$ MHz; $\sigma = 6.53$ S/m; $\epsilon_r = 34.1$

Ambient Temperature: 23.1°C; Liquid Temperature: 22.8°C

DASY6 Configuration:

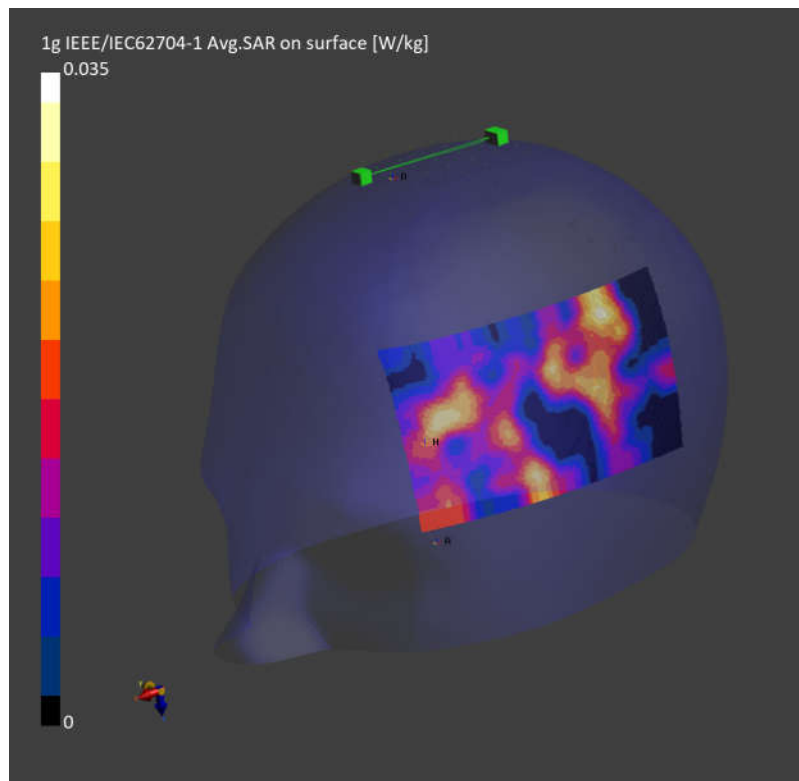
- Probe: EX3DV4 - SN7706; ConvF(5.85, 5.85, 5.85); Calibrated: 2023-01-26
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1303; Calibrated: 2022-11-24
- Phantom: SAM-HeadStand V10.0; Serial: 1031
- Measurement Software: cDASY6 V6.6.0.13926

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 = 0.05 dB

SAR (1g) = 0.035 W/kg; SAR (10g) = 0.018 W/kg

psAPD (4.0cm², sq) = 0.715 [W/m²]



02_WLAN6GHz_802.11ax-HE160 MCS0_Edge2b_0mm_Ch175

Communication System: U-NII-7; Frequency: 6825.000

Medium: HSL. Medium parameters used: $f = 6825.000$ MHz; $\sigma = 6.53$ S/m; $\epsilon_r = 34.1$

Ambient Temperature: 23.1°C; Liquid Temperature: 22.8°C

DASY6 Configuration:

- Probe: EX3DV4 - SN7706; ConvF(5.85, 5.85, 5.85); Calibrated: 2023-01-26
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1303; Calibrated: 2022-11-24
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2024
- Measurement Software: cDASY6 V6.6.0.13926

Area Scan (51.0 mm x 170.0 mm): Measurement Grid: 8.5 mm x 8.5 mm

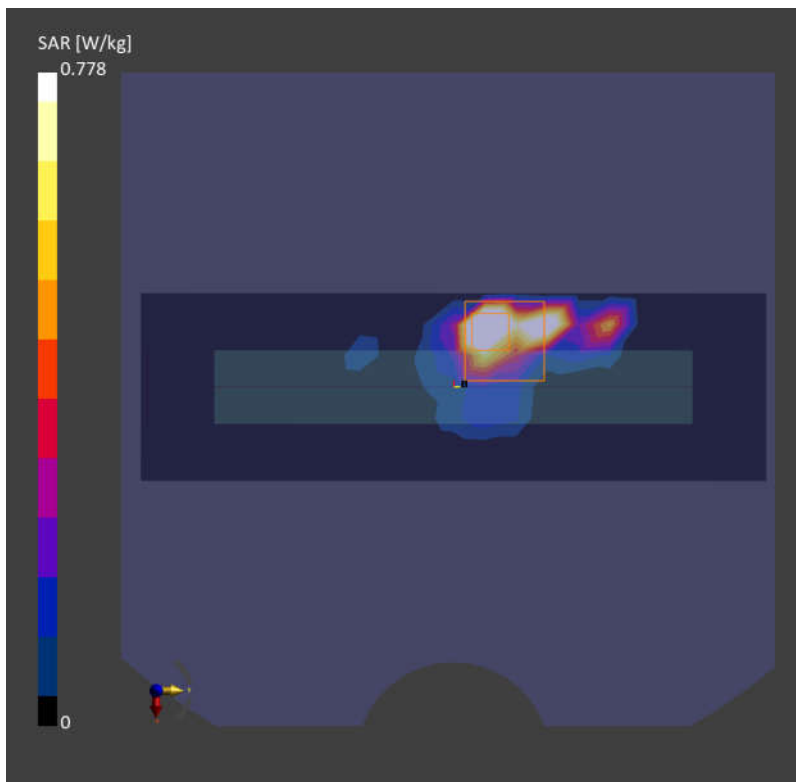
SAR (1g) = 0.856 W/kg; SAR (10g) = 0.229 W/kg;

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 = -0.09 dB

SAR (1g) = 0.778 W/kg; SAR (10g) = 0.167 W/kg;

psAPD (4.0cm², sq) = 4.04 [W/m²];



01_WLAN6GHz_802.11ax-HE160 MCS0_Edge2b_2mm_Ch175

Device Under Test Properties

		Dimensions [mm]
		IMEI DUT Type
Model, Manufacturer		
Device,		135.0 x 30.0 x 25.0

Exposure Conditions

Phantom Section	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor
5G	Edge2b, 2.00	U-NII-7	WLAN, 10743-AAC	6825.0, 175	1.0

Hardware Setup

Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
mmWave - 1065	Air -	EUmmWV4 - SN9432_F1-55GHz, 2023-01-23	DAE4 Sn1338, 2022-12-15

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	2023-09-23
Avg. Area [cm ²]	4.00
psPDn+ [W/m ²]	4.10
psPDtot+ [W/m ²]	4.25
psPDmod+ [W/m ²]	4.96
E _{max} [V/m]	53.5
Power Drift [dB]	-0.06

