

01_WLAN6GHz_802.11ax-HE160 MCS0_Left Tilted_0mm_Ch207

Communication System: U-NII-8; Frequency: 6985.000

Medium: HSL. Medium parameters used: $f=6985.000$ MHz; $\sigma=6.63$ S/m; $\epsilon_r=33.7$

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

DASY6 Configuration:

- Probe: EX3DV4 - SN7764; ConvF(5.50, 5.50, 5.50); Calibrated: 2023-10-05
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1649; Calibrated: 2023-04-24
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2022
- Measurement Software: cDASY6 V6.6.0.13926

Area Scan (119.0 mm x 204.0 mm): Measurement Grid: 8.5 mm x 8.5 mm

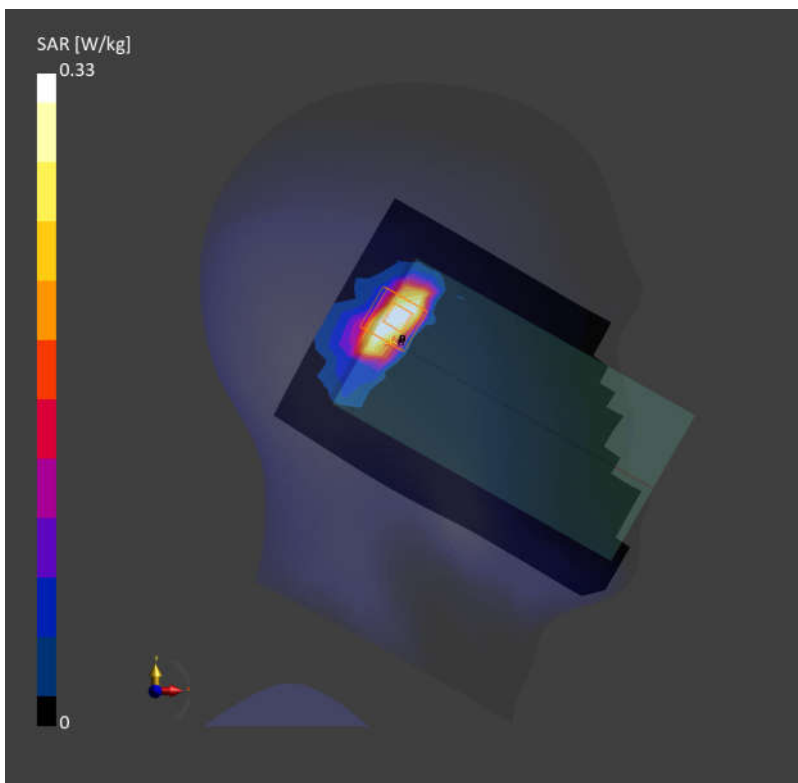
SAR (1g) = 0.310 W/kg; SAR (10g) = 0.104 W/kg;

Zoom Scan (23.8 mm x 23.8 mm x 22.0 mm): Measurement Grid: 3.4 mm x 3.4 mm x 1.4 mm

Power Drift = 0.01 dB

SAR (1g) = 0.330 W/kg; SAR (10g) = 0.102 W/kg;

psAPD (4.0cm², sq) = 2.30 [W/m²];



02_WLAN6GHz_802.11ax-HE160 MCS0_Back_15mm_Ch111

Communication System: U-NII-6; Frequency: 6505.000

Medium: HSL. Medium parameters used: $f=6505.000$ MHz; $\sigma=6.07$ S/m; $\epsilon_r=34.5$

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

DASY6 Configuration:

- Probe: EX3DV4 - SN7764; ConvF(5.50, 5.50, 5.50); Calibrated: 2023-10-05
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1649; Calibrated: 2023-04-24
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2022
- Measurement Software: cDASY6 V6.6.0.13926

Area Scan (119.0 mm x 204.0 mm): Measurement Grid: 8.5 mm x 8.5 mm

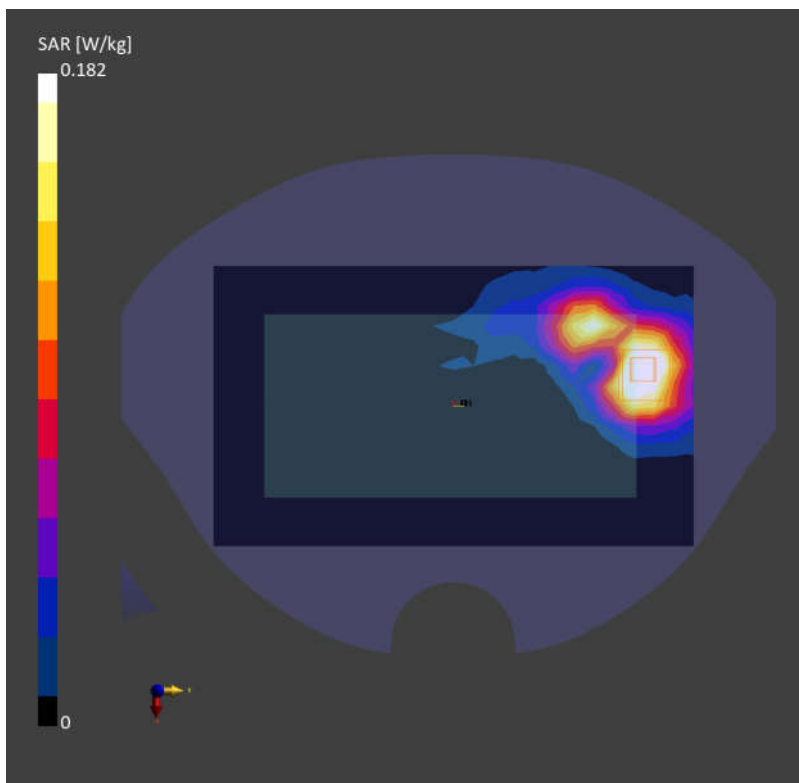
SAR (1g) = 0.191 W/kg; SAR (10g) = 0.073 W/kg;

Zoom Scan (23.8 mm x 23.8 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) = 0.182 W/kg; SAR (10g) = 0.066 W/kg;

psAPD (4.0cm², sq) = 1.48 [W/m²];



03_WLAN6GHz_802.11ax-HE160 MCS0_Top Side_0mm_Ch207

Communication System: U-NII-8; Frequency: 6985.000

Medium: HSL. Medium parameters used: $f= 6985.000$ MHz; $\sigma= 6.63$ S/m; $\epsilon_r = 33.7$

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

DASY6 Configuration:

- Probe: EX3DV4 - SN7764; ConvF(5.50, 5.50, 5.50); Calibrated: 2023-10-05
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1649; Calibrated: 2023-04-24
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2022
- Measurement Software: cDASY6 V6.6.0.13926

Area Scan (48.0 mm x 119.0 mm): Measurement Grid: 8.0 mm x 8.5 mm

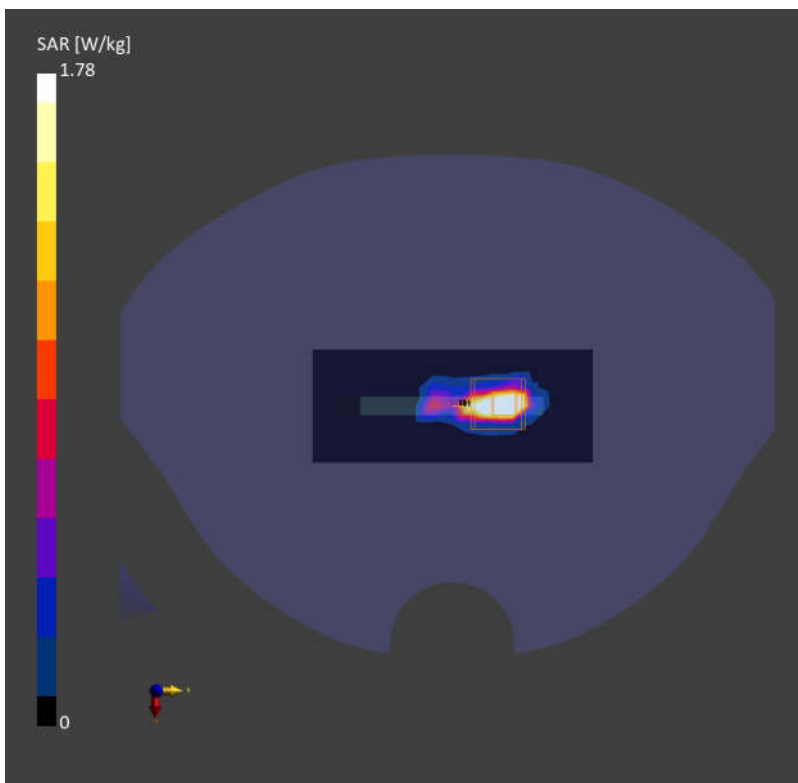
SAR (1g) = 1.87 W/kg; SAR (10g) = 0.457 W/kg;

Zoom Scan (23.8 mm x 23.8 mm x 22.0 mm): Measurement Grid: 3.4 mm x 3.4 mm x 1.4 mm

Power Drift = -0.07 dB

SAR (1g) = 1.78 W/kg; SAR (10g) = 0.401 W/kg;

psAPD (4.0cm², sq) = 9.34 [W/m²];



Device Under Test Properties

Model, Manufacturer	Dimensions [mm]
Device,	162.0 x 77.0 x 8.0

Exposure Conditions

Phantom Section	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor
5G	EDGE TOP, 2.00	U-NII-8	WLAN, 10743-AAC	6985.0, 207	1.0

Hardware Setup

Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
mmWave - 1065	Air -	EUmmWV4 - SN9553_F1-55GHz, 2023-10-18	DAE4 Sn1303, 2023-11-20

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	2024-03-05
Avg. Area [cm ²]	4.00
psPDn+ [W/m ²]	2.35
psPDtot+ [W/m ²]	4.22
psPDmod+ [W/m ²]	9.12
E _{max} [V/m]	86.4
Power Drift [dB]	-0.01

