

01_WLAN6GHz_802.11ax-HE80 MCS0_Left Tilted_0mm_Ch167

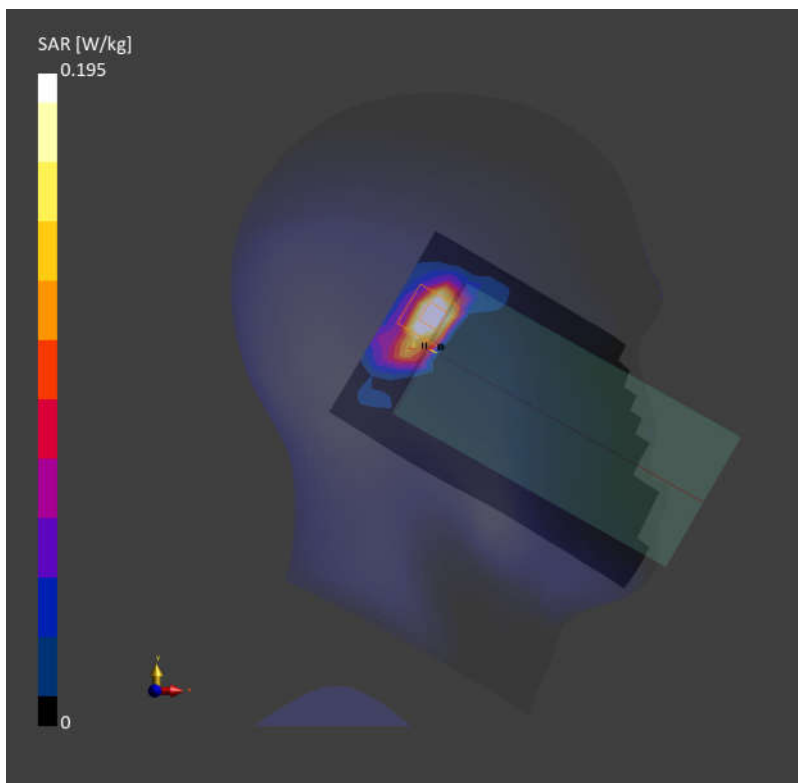
Communication System: U-NII-7; Frequency: 6785.000 MHz; Duty Cycle: 1:1.152
Medium: HSL. Medium parameters used: $f = 6785.000$ MHz; $\sigma = 6.51$ S/m; $\epsilon_r = 34.1$
Ambient Temperature: 23.4°C; Liquid Temperature: 22.8°C

DASY6 Configuration:

- Probe: EX3DV4 - SN7706; ConvF(5.27, 6.32, 5.24); Calibrated: 2024-01-24
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1303; Calibrated: 2023-11-20
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2024
- Measurement Software: 16.4.0.5005

Area Scan (102.0 mm x 187.0 mm): Measurement Grid: 8.5 mm x 8.5 mm
SAR (1g) = 0.210 W/kg; SAR (10g) = 0.067 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;
Graded Ratio: 1.4
Power Drift = -0.02 dB
SAR (1g) = 0.195 W/kg; SAR (10g) = 0.058 W/kg;
psAPD (4.0cm², sq) = 1.32 [W/m²];
Smallest distance from peaks to all points 3dB below is 6.3 mm
Ratio of SAR at M2 to SAR at M1 = 58.3 %



02_WLAN6GHz_802.11ax-HE80 MCS0_Back_5mm_Ch7

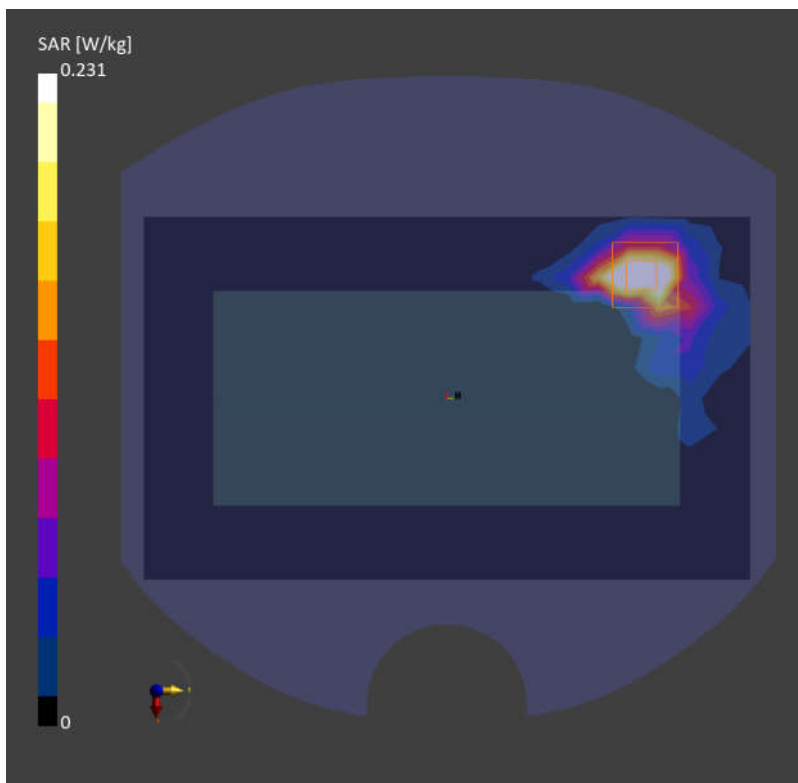
Communication System: U-NII-5; Frequency: 5985.000 MHz; Duty Cycle: 1:1.152
Medium: HSL. Medium parameters used: $f = 5985.000$ MHz; $\sigma = 5.51$ S/m; $\epsilon_r = 35.5$
Ambient Temperature: 23.4°C; Liquid Temperature: 22.8°C

DASY6 Configuration:

- Probe: EX3DV4 - SN7706; ConvF(5.27, 6.32, 5.24); Calibrated: 2024-01-24
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1303; Calibrated: 2023-11-20
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2024
- Measurement Software: 16.4.0.5005

Area Scan (120.0 mm x 200.0 mm): Measurement Grid: 8.5 mm x 8.5 mm
SAR (1g) = 0.229 W/kg; SAR (10g) = 0.073 W/kg;

Zoom Scan (24.0 mm x 22.0 mm x 22.0 mm): Measurement Grid: 3.4 mm x 3.4 mm x 1.4 mm;
Graded Ratio: 1.4
Power Drift = -0.01 dB
SAR (1g) = 0.231 W/kg; SAR (10g) = 0.072 W/kg;
psAPD (4.0cm², sq) = 1.64 [W/m²];
Smallest distance from peaks to all points 3dB below is 5.4 mm
Ratio of SAR at M2 to SAR at M1 = 60.7 %



03_WLAN6GHz_802.11ax-HE80 MCS0_Top Side_0mm_Ch167

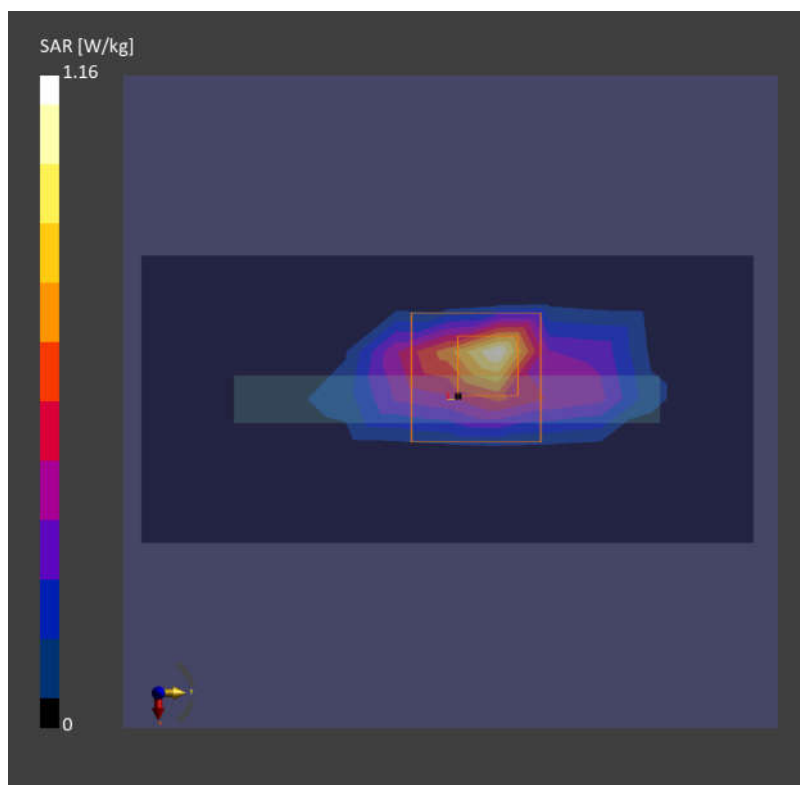
Communication System: U-NII-7; Frequency: 6785.000 MHz; Duty Cycle: 1:1.152
Medium: HSL. Medium parameters used: $f = 6785.000$ MHz; $\sigma = 6.51$ S/m; $\epsilon_r = 34.1$
Ambient Temperature: 23.4°C; Liquid Temperature: 22.8°C

DASY6 Configuration:

- Probe: EX3DV4 - SN7706; ConvF(5.27, 6.32, 5.24); Calibrated: 2024-01-24
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1303; Calibrated: 2023-11-20
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2024
- Measurement Software: 16.4.0.5005

Area Scan (48.0 mm x 102.0 mm): Measurement Grid: 8.5 mm x 8.5 mm
SAR (1g) = 0.751 W/kg; SAR (10g) = 0.205 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;
Graded Ratio: 1.4
Power Drift = -0.12 dB
SAR (1g) = 1.16 W/kg; SAR (10g) = 0.262 W/kg;
psAPD (4.0cm², sq) = 6.16 [W/m²];
Smallest distance from peaks to all points 3dB below is 3.4 mm
Ratio of SAR at M2 to SAR at M1 = 48.5 %



Device Under Test Properties

		IMEI	DUT Type
Model, Manufacturer		Dimensions [mm]	
Device,		153.0 x 71.5 x 11.0	
		Phone	

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, 10544-AAD	7025.0, 215	1.0

Hardware Setup

Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
mmWave - 1065	Air -	EUmmWV4 - SN9553_F1-55GHz, 2023-10-18	DAE4 Sn1691, 2024-04-19

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	2024-06-19
Avg. Area [cm ²]	4.00
psPDn+ [W/m ²]	2.26
psPDtot+ [W/m ²]	3.14
psPDmod+ [W/m ²]	4.72
E _{max} [V/m]	60.9
Power Drift [dB]	0.01

