

01_WLAN6GHz_802.11ax-HE80 MCS0_Left Cheek_0mm_Ch119

Communication System: U-NII-7; Frequency: 6545.000

Medium: HSL. Medium parameters used: $f = 6545.000$ MHz; $\sigma = 6.21$ S/m; $\epsilon_r = 34.6$

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 Sn1649; Calibrated: 2023-04-24
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2024; Section: LeftHead
- Measurement Software: 16.2.4.2448

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

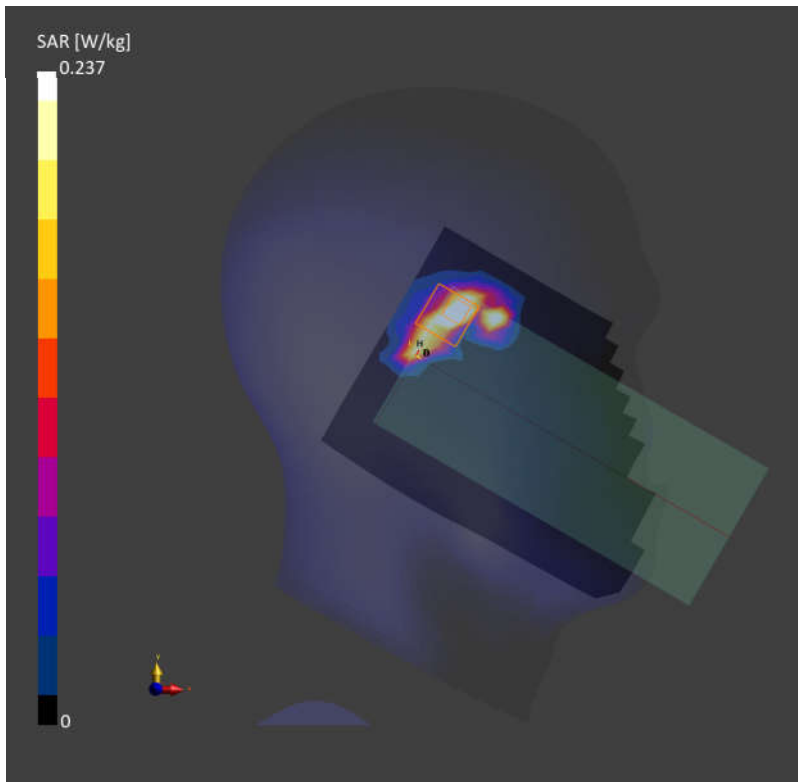
SAR (1g) = 0.209 W/kg; SAR (10g) = 0.088 W/kg;

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 = 0.11 dB

SAR (1g) = 0.237 W/kg; SAR (10g) = 0.091 W/kg;

psAPD (4.0cm², sq) = 2.06 [W/m²];



02_WLAN6GHz_802.11ax-HE80 MCS0_Front_5mm_Ch71

Communication System: U-NII-5; Frequency: 6305.000

Medium: HSL. Medium parameters used: $f = 6305.000$ MHz; $\sigma = 5.92$ S/m; $\epsilon_r = 35.0$

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 Sn1649; Calibrated: 2023-04-24
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2024; Section: Flat
- Measurement Software: 16.2.4.2448

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

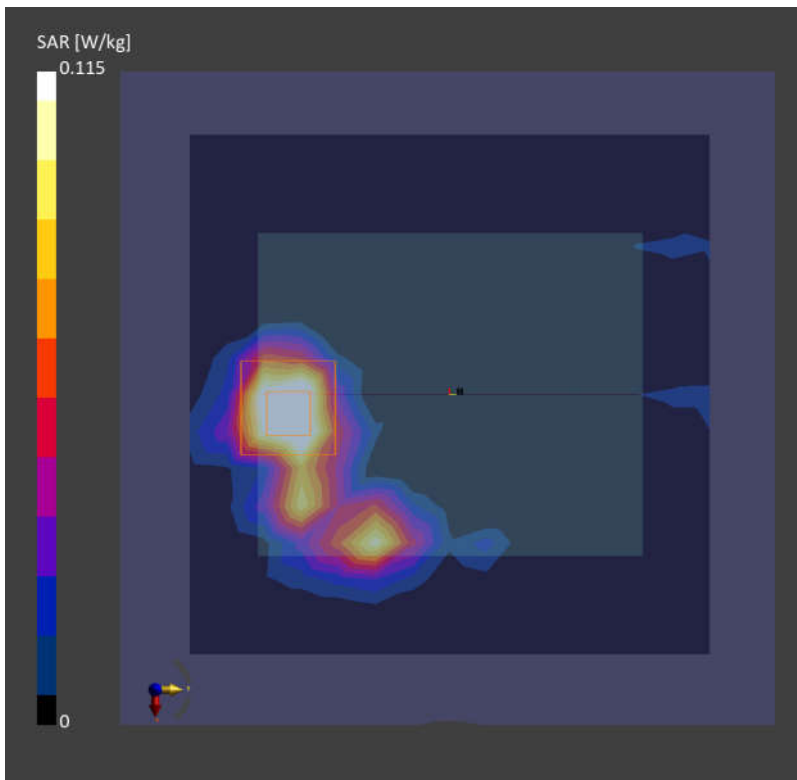
SAR (1g) = 0.116 W/kg; SAR (10g) = 0.039 W/kg;

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 = 0.03 dB

SAR (1g) = 0.115 W/kg; SAR (10g) = 0.033 W/kg;

psAPD (4.0cm², sq) = 0.766 [W/m²];



03_WLAN6GHz_802.11ax-HE80 MCS0_Top Side_0mm_Ch119

Communication System: U-NII-7; Frequency: 6545.000

Medium: HSL. Medium parameters used: $f = 6545.000$ MHz; $\sigma = 6.21$ S/m; $\epsilon_r = 34.6$

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 Sn1649; Calibrated: 2023-04-24
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2024; Section: Flat
- Measurement Software: 16.2.4.2448

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

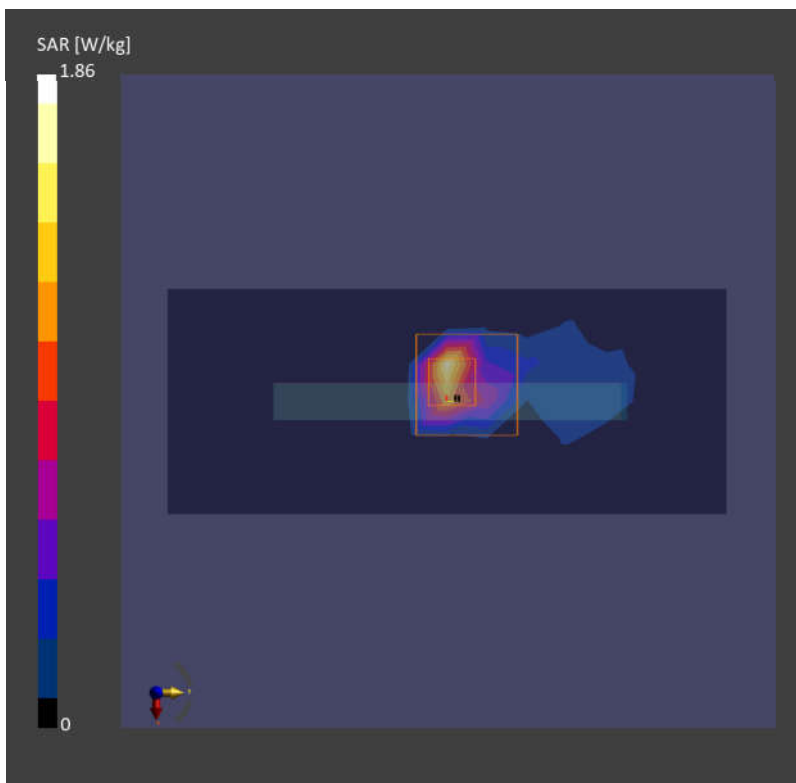
SAR (1g) = 1.28 W/kg; SAR (10g) = 0.321 W/kg;

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 = 0.04 dB

SAR (1g) = 1.86 W/kg; SAR (10g) = 0.323 W/kg;

psAPD (4.0cm², sq) = 9.4 [W/m²];



Device Under Test Properties

Model, Manufacturer	Dimensions [mm]
Device,	169.0 x 73.0 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-7	WLAN, 10719-AAC	6785.0, 167	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	2024-03-18
Avg. Area [cm ²]	4.00
psPDn+ [W/m ²]	1.02
psPDtot+ [W/m ²]	1.53
psPDmod+ [W/m ²]	2.60
E _{max} [V/m]	48.0
Power Drift [dB]	-0.09

