

01_WLAN6GHz_802.11ax-HE80 MCS0_Right Tilted_0mm_Ch167

Communication System: U-NII-7; Frequency: 6785.000

Medium: HSL. Medium parameters used: $f=6785.000$ MHz; $\sigma=6.51$ S/m; $\epsilon_r=34.1$

Ambient Temperature: 23.2°C; Liquid Temperature: 22.7°C

DASY6 Configuration:

- Probe: EX3DV4 - SN7630; ConvF(5.52, 5.27, 5.37); Calibrated: 2023-06-02
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1338; Calibrated: 2024-03-18
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2074
- Measurement Software: cDASY6 V6.6.0.13926

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

SAR (1g) = 0.912 W/kg; SAR (10g) = 0.266 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

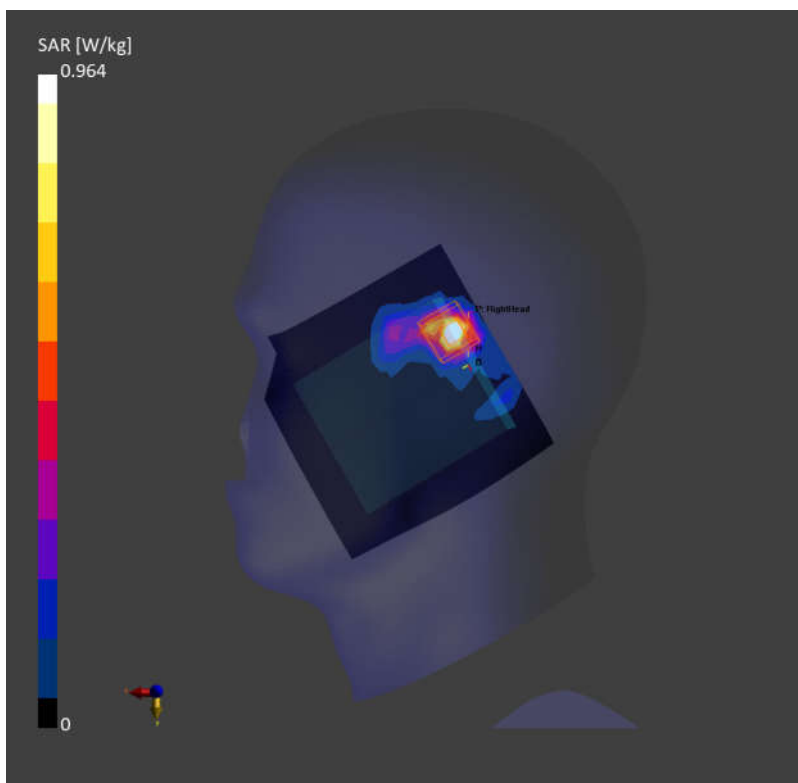
Power Drift = 0.06 dB

SAR (1g) = 0.964 W/kg; SAR (10g) = 0.262 W/kg;

Smallest distance from peaks to all points 3dB below is 5.5 mm

Ratio of SAR at M2 to SAR at M1 = 50.1 %

psAPD (4.0cm², sq) = 5.97[W/m²]



02_WLAN6GHz_802.11ax-HE80 MCS0_Front_15mm_Ch167

Communication System: U-NII-7; Frequency: 6785.000

Medium: HSL. Medium parameters used: $f = 6785.000$ MHz; $\sigma = 6.51$ S/m; $\epsilon_r = 34.1$

Ambient Temperature: 23.2°C; Liquid Temperature: 22.7°C

DASY6 Configuration:

- Probe: EX3DV4 - SN7630; ConvF(5.52, 5.27, 5.37); Calibrated: 2023-06-02
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1338; Calibrated: 2024-03-18
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2074
- Measurement Software: cDASY6 V6.6.0.13926

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

SAR (1g) = 0.162 W/kg; SAR (10g) = 0.057 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;

Graded Ratio: 1.4

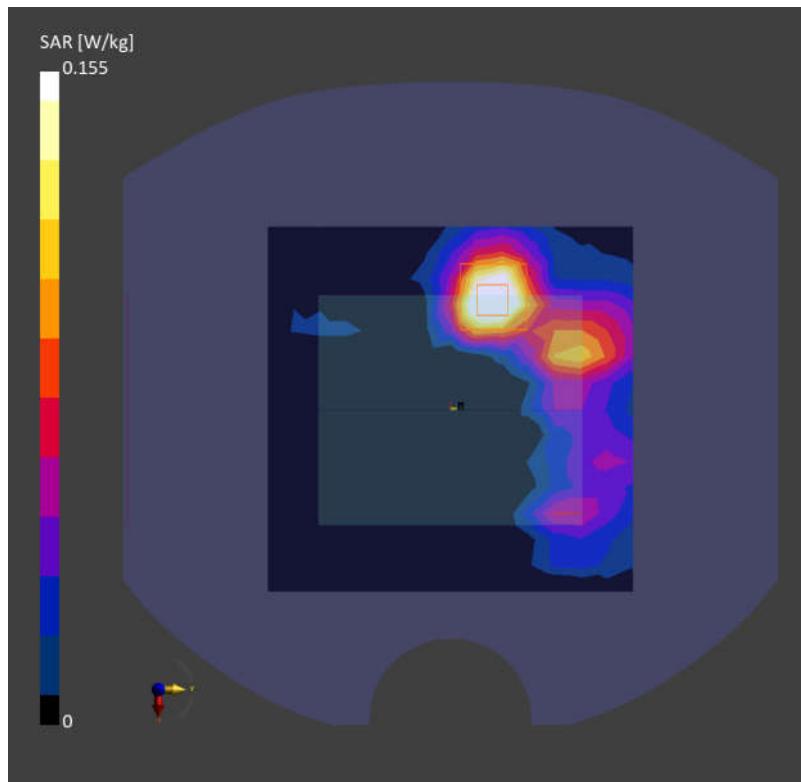
Power Drift = 0.03 dB

SAR (1g) = 0.155 W/kg; SAR (10g) = 0.054 W/kg;

Smallest distance from peaks to all points 3dB below is 11.0 mm

Ratio of SAR at M2 to SAR at M1 = 59.3 %

psAPD (4.0cm², sq) = 1.21[W/m²]



Date: 2024-05-12

03_WLAN6GHz_802.11ax-HE80 MCS0_Right Side_0mm_Ch215

Communication System: U-NII-8; Frequency: 7025.000

Medium: HSL. Medium parameters used: $f = 7025.000$ MHz; $\sigma = 6.80$ S/m; $\epsilon_r = 33.7$

Ambient Temperature: 23.2°C; Liquid Temperature: 22.7°C

DASY6 Configuration:

- Probe: EX3DV4 - SN7630; ConvF(5.52, 5.27, 5.37); Calibrated: 2023-06-02
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1338; Calibrated: 2024-03-18
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2074
- Measurement Software: cDASY6 V6.6.0.13926

Area Scan (45.0 mm x 210.0 mm): Measurement Grid: 7.5 mm x 7.5 mm

SAR (1g) = 0.799 W/kg; SAR (10g) = 0.279 W/kg;

Zoom Scan (22.0 mm x 22.0 mm x 22.0 mm): Measurement Grid: 3.0 mm x 3.0 mm x 1.4 mm;

Graded Ratio: 1.4

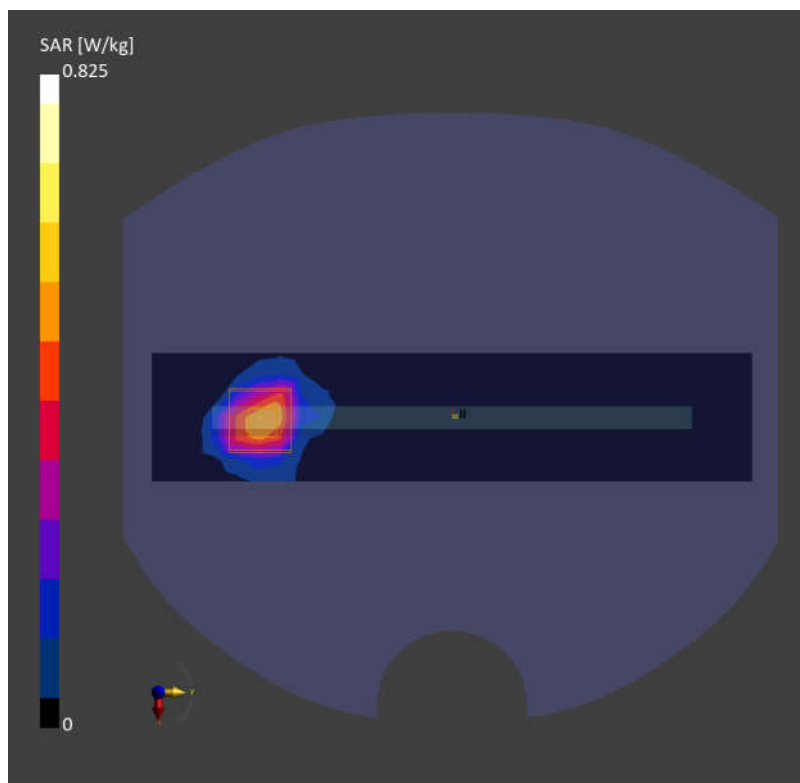
Power Drift = -0.08 dB

SAR (1g) = 0.825 W/kg; SAR (10g) = 0.301 W/kg;

Smallest distance from peaks to all points 3dB below is 7.8 mm

Ratio of SAR at M2 to SAR at M1 = 42.2 %

psAPD (4.0cm², sq) = 7.53[W/m²]



Device Under Test Properties

Model, Manufacturer	Dimensions [mm]
Device,	168.0 x 75.0 x 8.0

Exposure Conditions

Phantom Section	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor
5G	EDGE RIGHT, 2.00	U-NII-5	WLAN, 10719-AAC	5985.0, 7	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	2024-05-18
Avg. Area [cm²]	4.00
psPDn+ [W/m²]	2.56
psPDtot+ [W/m²]	4.50
psPDmod+ [W/m²]	7.06
E _{max} [V/m]	69.9
Power Drift [dB]	0.02

