

Date: 2025/4/2

01_WLAN6GHz_802.11ax-HE80 MCS0_Left Cheek_Ch7

Communication System: UNII 5; Frequency: 5985.0MHz; Duty Cycle: 1:1.152
Medium: HSL Medium parameters used: $f = 5985.0$ MHz; $\sigma = 5.46$ S/m; $\epsilon_r = 34.9$
Ambient Temperature: 23.5°C; Liquid Temperature: 22.5°C

DASY6 Configuration:

- Probe: EX3DV4 - SN7641; ConvF(5.45, 5.38, 5.32); Calibrated: 2024/06/03
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1210; Calibrated: 2024/12/17
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2033; Section: LeftHead
- Measurement Software: 16.2.2.1588
- UID: WLAN, 10719-AAC

Area Scan (120.0 mm x 200.0 mm): Measurement Grid: 8.5 mm x 8.5 mm

SAR (1g) = 0.081 W/kg; SAR (10g) = 0.023 W/kg;

Zoom Scan (22.0 mm x 22.0 mm x 22.0 mm): Measurement Grid: 4.0 mm x 4.0 mm x 1.4 mm

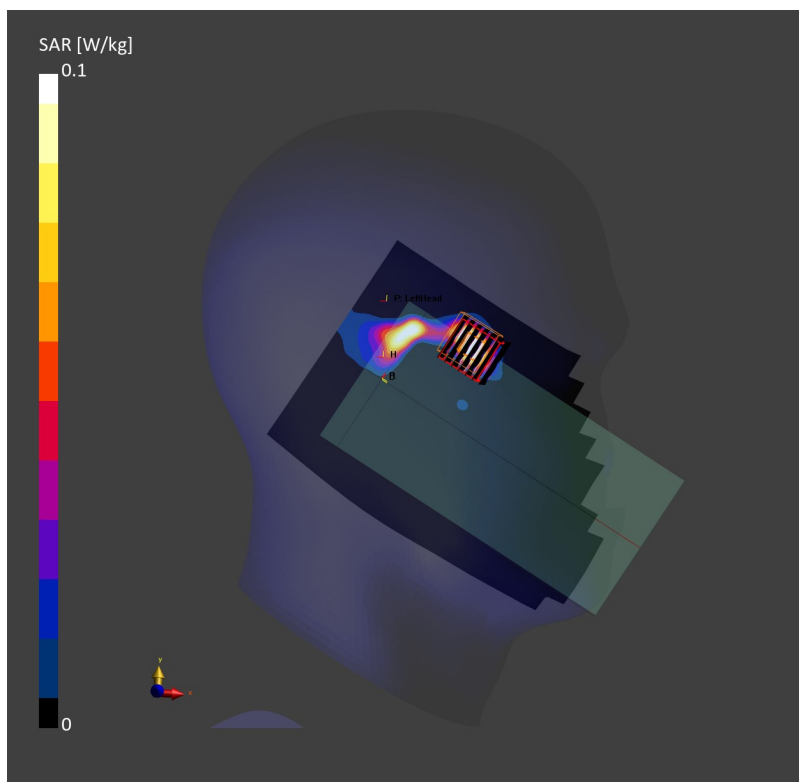
Power Drift = 0.08 dB

SAR (1g) = 0.060 W/kg; SAR (10g) = 0.013 W/kg

Smallest distance from peaks to all points 3 dB below = 4.0 mm

Ratio of SAR at M2 to SAR at M1 = 54.8 %

psAPD (4.0cm², sq) = 0.314 [W/m²]



Date: 2025/4/2

02_WLAN6GHz_802.11ax-HE80 MCS0_Back_15mm_Ch7

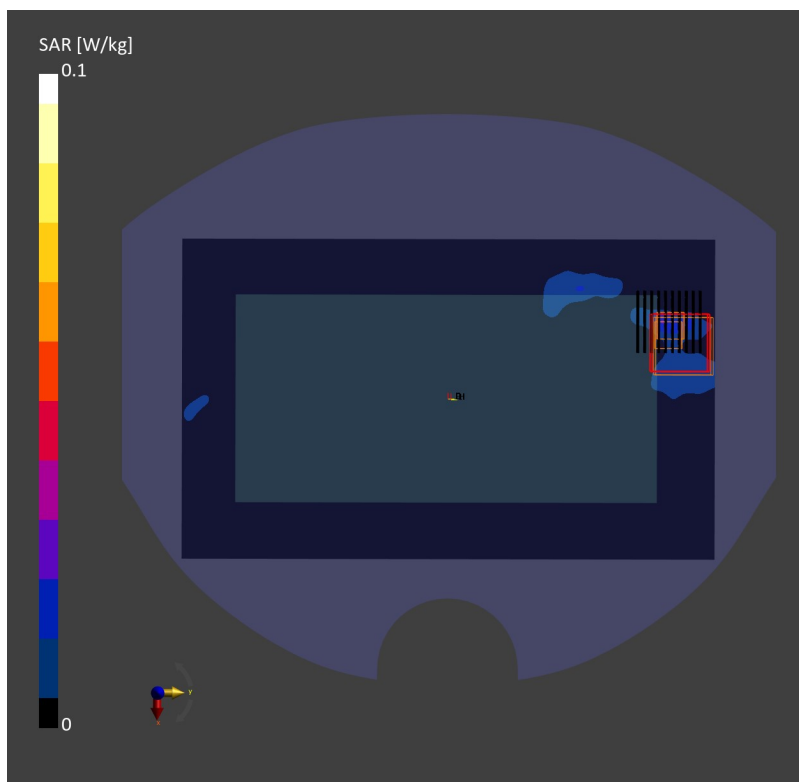
Communication System: UNII 5; Frequency: 5985.0MHz; Duty Cycle: 1:1.152
Medium: HSL Medium parameters used: $f = 5985.0$ MHz; $\sigma = 5.46$ S/m; $\epsilon_r = 34.9$
Ambient Temperature: 23.5°C; Liquid Temperature: 22.5°C

DASY6 Configuration:

- Probe: EX3DV4 - SN7641; ConvF(5.45, 5.38, 5.32); Calibrated: 2024/06/03
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1210; Calibrated: 2024/12/17
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2033; Section: Flat
- Measurement Software: 16.2.2.1588
- UID: WLAN, 10719-AAC

Area Scan (120.0 mm x 200.0 mm): Measurement Grid: 8.5 mm x 8.5 mm
SAR (1g) = 0.015 W/kg; SAR (10g) = 0.005 W/kg;

Zoom Scan (22.0 mm x 22.0 mm x 22.0 mm): Measurement Grid: 2.6 mm x 2.6 mm x 1.2 mm
Power Drift = 0.04 dB
SAR (1g) = 0.011 W/kg; SAR (10g) = 0.001 W/kg
Smallest distance from peaks to all points 3 dB below = 2.7 mm
Ratio of SAR at M2 to SAR at M1 = 69.8 %
psAPD (4.0cm², sq) = 0.045 [W/m²]



Date: 2025/4/2

03_WLAN6GHz_802.11ax-HE80 MCS0_Front_0mm_Ch7

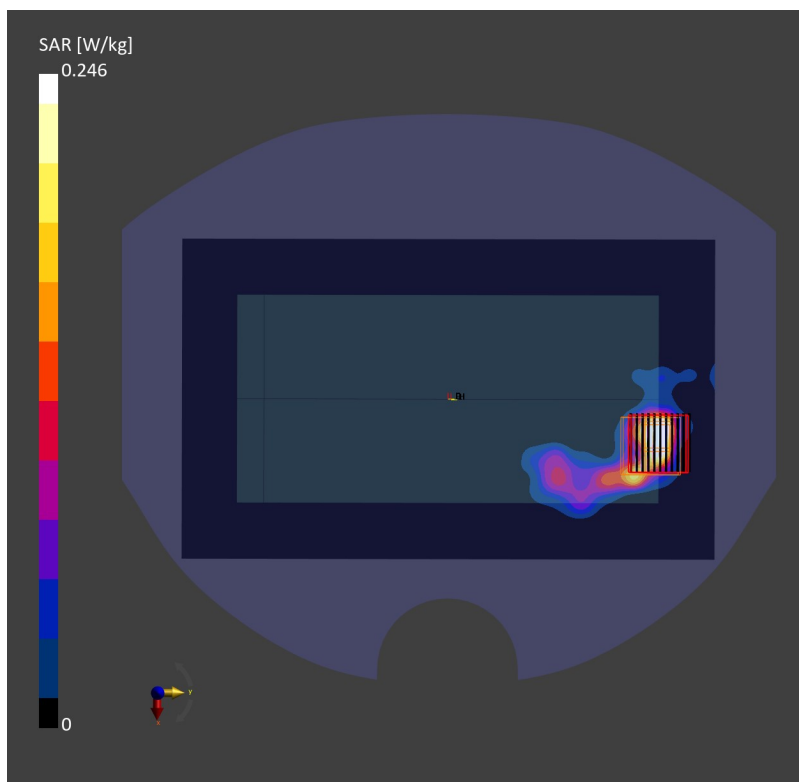
Communication System: UNII 5; Frequency: 5985.0MHz; Duty Cycle: 1:1.152
Medium: HSL Medium parameters used: $f = 5985.0$ MHz; $\sigma = 5.46$ S/m; $\epsilon_r = 34.9$
Ambient Temperature: 23.5°C; Liquid Temperature: 22.5°C

DASY6 Configuration:

- Probe: EX3DV4 - SN7641; ConvF(5.45, 5.38, 5.32); Calibrated: 2024/06/03
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1210; Calibrated: 2024/12/17
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2033; Section: Flat
- Measurement Software: 16.2.2.1588
- UID: WLAN, 10719-AAC

Area Scan (120.0 mm x 200.0 mm): Measurement Grid: 8.5 mm x 8.5 mm
SAR (1g) = 0.206 W/kg; SAR (10g) = 0.059 W/kg;

Zoom Scan (22.0 mm x 22.0 mm x 22.0 mm): Measurement Grid: 2.2 mm x 2.2 mm x 1.2 mm
Power Drift = 0.03 dB
SAR (1g) = 0.246 W/kg; SAR (10g) = 0.060 W/kg
Smallest distance from peaks to all points 3 dB below = 2.8 mm
Ratio of SAR at M2 to SAR at M1 = 58.1 %
psAPD (4.0cm², sq) = 1.46 [W/m²]



01_WLAN6GHz_802.11ax-HE80 MCS0_Top Side_2mm_Ch39

Device Under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
Device,	158.0 x 75.0 x 8.0		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-5	WLAN, 10719-AAC	6145.0, 39	1.0

Hardware Setup

Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
mmWave	Air -	EUmmWV4 - SN9432_F1-55GHz, 2025-01-08	DAE4 Sn1386, 2024-08-30

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	2025-03-29
Avg. Area [cm ²]	4.00
psPDn+ [W/m ²]	1.33
psPDtot+ [W/m ²]	1.59
psPDmod+ [W/m ²]	2.45
E _{max} [V/m]	48.8
Power Drift [dB]	-0.14

