

Date: 2024/9/3

01_WLAN6GHz_802.11be-EHT320 MCS0_Left Cheek_Ch63

Communication System: UNII 5; Frequency: 6265.0 MHz; Duty Cycle: 1:1
Medium: HSL Medium parameters used: $f = 6265.0$ MHz; $\sigma = 5.77$ S/m; $\epsilon_r = 34.5$
Ambient Temperature: 23.5°C; Liquid Temperature: 22.6°C

DASY6 Configuration:

- Probe: EX3DV4 - SN7641; ConvF(5.45, 5.38, 5.32); Calibrated: 2024/6/3
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1437; Calibrated: 2024/3/14
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2033; Section: Flat
- Measurement Software: 16.2.2.1588

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

SAR (1g) = 0.177 W/kg; SAR (10g) = 0.070 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

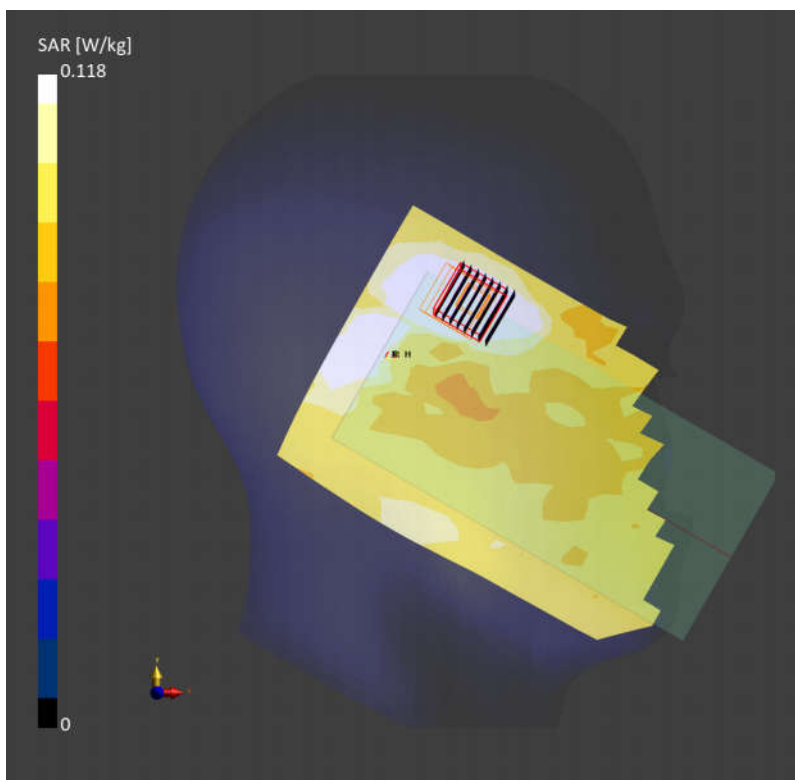
Power Drift = -0.13 dB

SAR (1g) = 0.118 W/kg; SAR (10g) = 0.036 W/kg

Smallest distance from peaks to all points 3 dB below = 4.6 mm

Ratio of SAR at M2 to SAR at M1 = 50.7 %

psAPD (4.0cm², sq) = 0.712 [W/m²]



Date: 2024/9/3

02_WLAN6GHz_802.11be-EHT320 MCS0_Back_10mm_Ch191

Communication System: UNII 8; Frequency: 6905.0 MHz; Duty Cycle: 1:1
Medium: HSL Medium parameters used: $f = 6905.0$ MHz; $\sigma = 6.69$ S/m; $\epsilon_r = 33.2$
Ambient Temperature: 23.5°C; Liquid Temperature: 22.6°C

DASY6 Configuration:

- Probe: EX3DV4 - SN7641; ConvF(5.45, 5.38, 5.32); Calibrated: 2024/6/3
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1437; Calibrated: 2024/3/14
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2033; Section: Flat
- Measurement Software: 16.2.2.1588

Area Scan (119.0 mm x 204.0 mm): Measurement Grid: 8.5 mm x 8.5 mm
SAR (1g) = 0.214 W/kg; SAR (10g) = 0.066 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

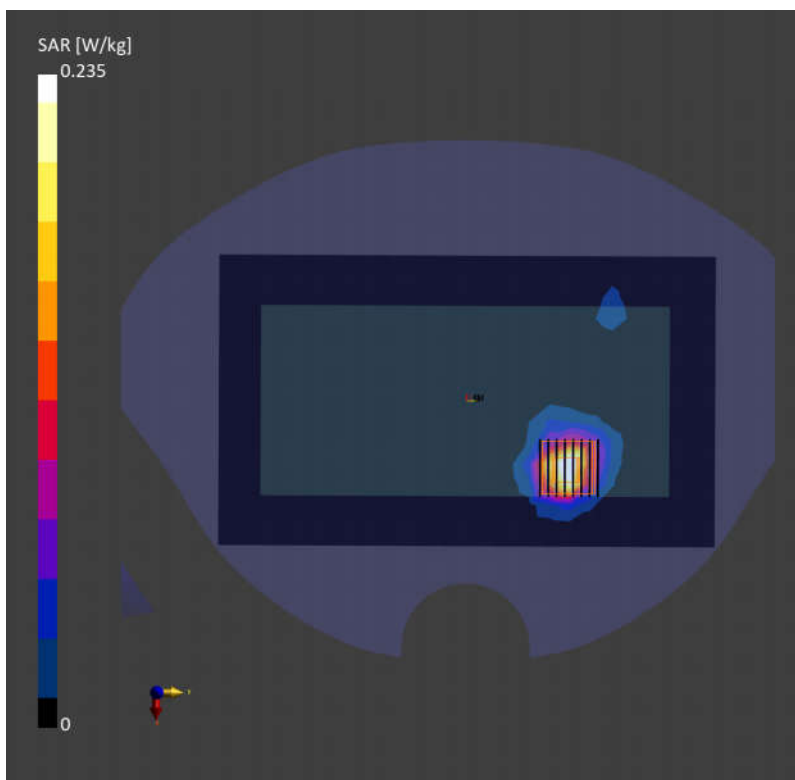
Power Drift = -0.13 dB

SAR (1g) = 0.235 W/kg; SAR (10g) = 0.070 W/kg

Smallest distance from peaks to all points 3 dB below = 7.4 mm

Ratio of SAR at M2 to SAR at M1 = 48.4 %

psAPD (4.0cm², sq) = 1.75 [W/m²]



Date: 2024/9/3

03_WLAN6GHz_802.11be-EHT320 MCS0_Back_0mm_Ch31

Communication System: UNII 5; Frequency: 6105.0 MHz; Duty Cycle: 1:1
Medium: HSL Medium parameters used: $f = 6105.0$ MHz; $\sigma = 5.46$ S/m; $\epsilon_r = 34.9$
Ambient Temperature: 23.5°C; Liquid Temperature: 22.6°C

DASY6 Configuration:

- Probe: EX3DV4 - SN7641; ConvF(5.45, 5.38, 5.32); Calibrated: 2024/6/3
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1437; Calibrated: 2024/3/14
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2033; Section: Flat
- Measurement Software: 16.2.2.1588

Area Scan (119.0 mm x 204.0 mm): Measurement Grid: 8.5 mm x 8.5 mm
SAR (1g) = 1.76 W/kg; SAR (10g) = 0.302 W/kg;

Zoom Scan (22.0 mm x 22.0 mm x 22.0 mm): Measurement Grid: 3.1 mm x 3.1 mm x 1.2 mm

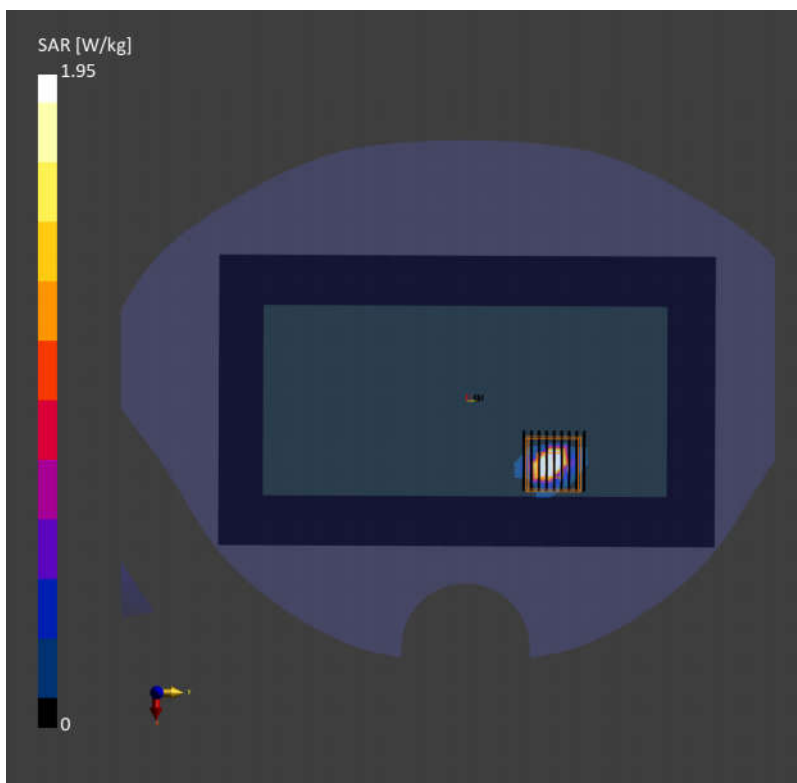
Power Drift = 0.03 dB

SAR (1g) = 1.95 W/kg; SAR (10g) = 0.322 W/kg

Smallest distance from peaks to all points 3 dB below = 3.8 mm

Ratio of SAR at M2 to SAR at M1 = 60.5 %

psAPD (4.0cm², sq) = 8.05 [W/m²]



01_WLAN6GHz_802.11be-EHT320 MCS0_Back_2mm_Ch191

Device Under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
Device,	163.0 x 77.0 x 8.0		Phone

Exposure Conditions

Phantom Section	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor
5G	BACK, 2.00	U-NII-8	WLAN, 11026-AAA	6905.0, 191	1.0

Hardware Setup

Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
mmWave	Air -	EUmmWV4 - SN9432_F1-55GHz, 2023-12-13	DAE4 Sn1664, 2024-07-10

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	2024-08-24, 18:52
Avg. Area [cm ²]	4.00
psPDn+ [W/m ²]	3.34
psPDtot+ [W/m ²]	3.90
psPDmod+ [W/m ²]	4.74
E _{max} [V/m]	63.3
Power Drift [dB]	-0.04

