

Date: 2024-07-27

01_WLAN6GHz_802.11ax-HE160 MCS0_Left Cheek_Ch47

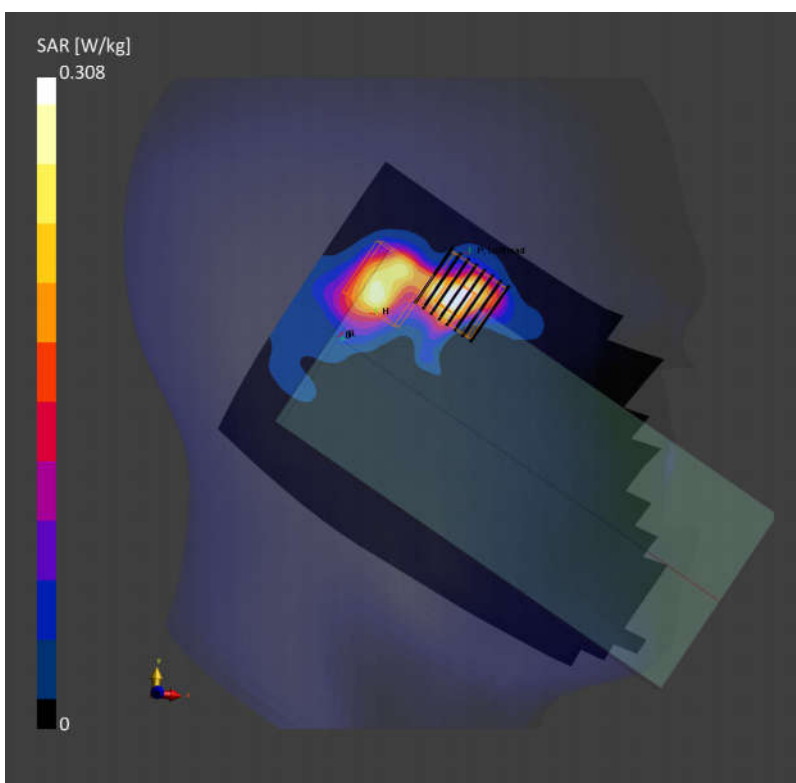
Communication System: IEEE 802.11ax (160MHz, MCS0, 99pc duty cycle); Frequency: 6185.0 MHz; Duty Cycle: 1:1.071
Medium: HSL Medium parameters used: $f = 6185.0$ MHz; $\sigma = 5.77$ S/m; $\epsilon_r = 34.5$
Ambient Temperature: 23.5°C; Liquid Temperature: 22.2°C

DASY6 Configuration:

- Probe: EX3DV4 - SN7641; ConvF(5.45, 5.38, 5.32); Calibrated: 2024-06-03
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1437; Calibrated: 2024-03-14
- Phantom: Twin-SAM V5.0 (30deg probe tilt); Serial: 1670; Section: LeftHead
- Measurement Software: 16.2.2.1588
- UID: WLAN, 10683-AAC

Area Scan (119.0 mm x 204.0 mm): Measurement Grid: 8.5 mm x 8.5 mm
SAR (1g) = 0.245 W/kg; SAR (10g) = 0.083 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) = 0.308 W/kg; SAR (10g) = 0.095 W/kg
Smallest distance from peaks to all points 3 dB below = 4.8 mm
Ratio of SAR at M2 to SAR at M1 = 53.1 %
psAPD (4.0cm², sq) = 2.08 [W/m²]



Date: 2024-07-27

02_WLAN6GHz_802.11ax-HE160 MCS0_Back_15mm_Ch15

Communication System: IEEE 802.11ax (160MHz, MCS0, 99pc duty cycle); Frequency: 6025.0 MHz; Duty Cycle: 1:1.071

Medium: HSL Medium parameters used: $f = 6025.0$ MHz; $\sigma = 5.46$ S/m; $\epsilon_r = 34.9$

Ambient Temperature: 23.5°C; Liquid Temperature: 22.2°C

DASY6 Configuration:

- Probe: EX3DV4 - SN7641; ConvF(5.45, 5.38, 5.32); Calibrated: 2024-06-03
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1437; Calibrated: 2024-03-14
- Phantom: Twin-SAM V5.0 (30deg probe tilt); Serial: 1670; Section: Flat
- Measurement Software: 16.2.2.1588
- UID: WLAN, 10683-AAC

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

SAR (1g) = 0.079 W/kg; SAR (10g) = 0.028 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

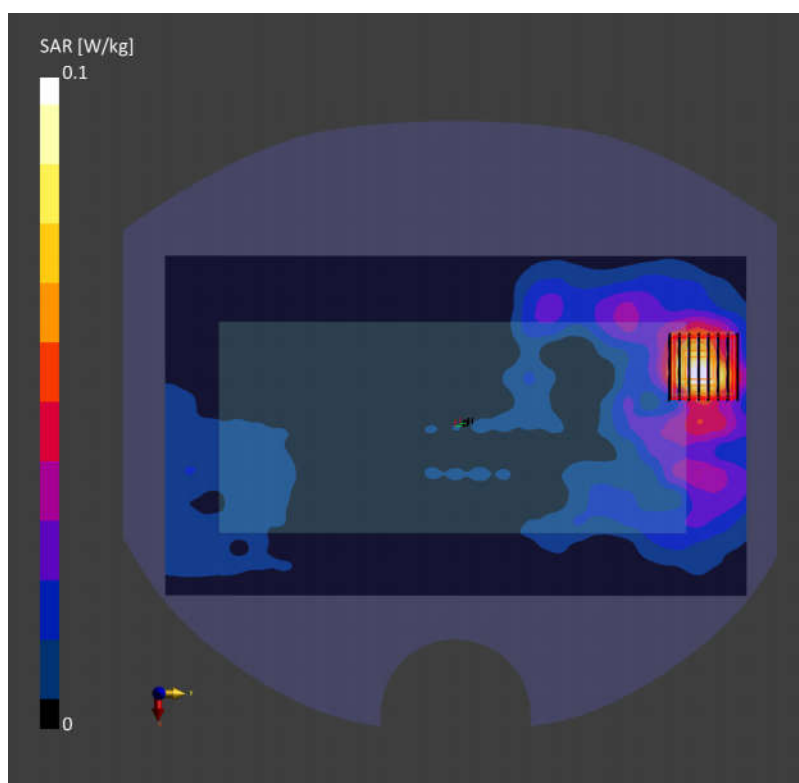
Power Drift = -0.12 dB

SAR (1g) = 0.080 W/kg; SAR (10g) = 0.029 W/kg

Smallest distance from peaks to all points 3 dB below = 10.2 mm

Ratio of SAR at M2 to SAR at M1 = 61.8 %

psAPD (4.0cm², sq) = 0.649 [W/m²]



Date: 2024-07-27

03_WLAN6GHz_802.11ax-HE160 MCS0_Right Side_0mm_Ch15

Communication System: IEEE 802.11ax (160MHz, MCS0, 99pc duty cycle); Frequency: 6025.0 MHz; Duty Cycle: 1:1.071

Medium: HSL Medium parameters used: $f = 6025.0$ MHz; $\sigma = 5.46$ S/m; $\epsilon_r = 34.9$

Ambient Temperature: 23.5°C; Liquid Temperature: 22.2°C

DASY6 Configuration:

- Probe: EX3DV4 - SN7641; ConvF(5.45, 5.38, 5.32); Calibrated: 2024-06-03
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1437; Calibrated: 2024-03-14
- Phantom: Twin-SAM V5.0 (30deg probe tilt); Serial: 1670; Section: Flat
- Measurement Software: 16.2.2.1588
- UID: WLAN, 10683-AAC

Area Scan (48.0 mm x 204.0 mm): Measurement Grid: 8.5 mm x 8.5 mm

SAR (1g) = 1.19 W/kg; SAR (10g) = 0.338 W/kg;

Zoom Scan (22.0 mm x 22.0 mm x 22.0 mm): Measurement Grid: 2.7 mm x 2.7 mm x 1.2 mm

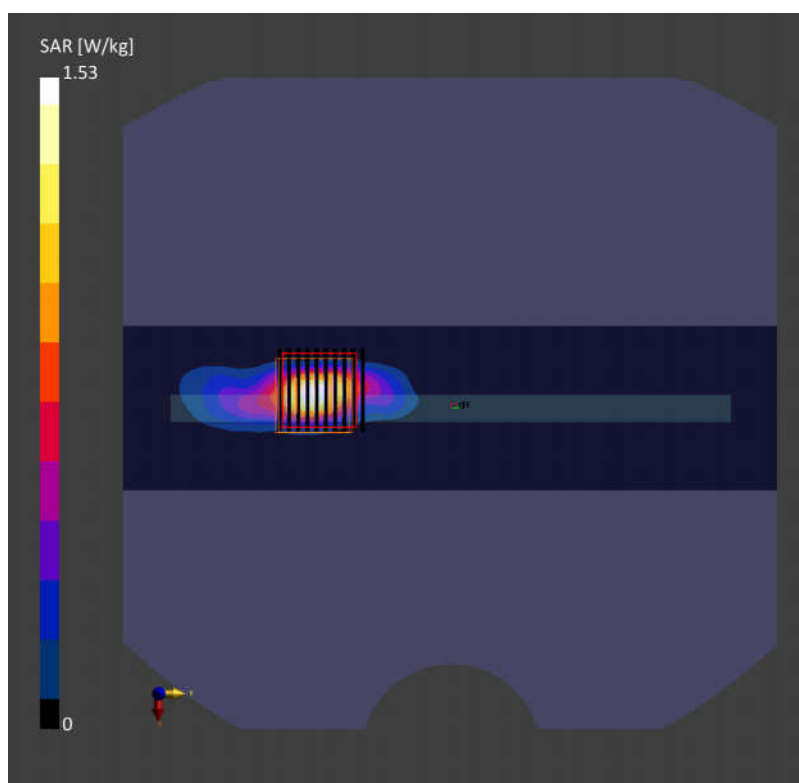
Power Drift = -0.05 dB

SAR (1g) = 1.53 W/kg; SAR (10g) = 0.347 W/kg

Smallest distance from peaks to all points 3 dB below = 5.8 mm

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

psAPD (4.0cm², sq) = 8.26 [W/m²]



01_WLAN6GHz_802.11ax-HE160 MCS0_Right Side_2mm_Ch111

Device Under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
Device,	162.0 x 78.0 x 8.0		Phone

Exposure Conditions

Phantom Section	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor
5G	EDGE RIGHT, 2.00	U-NII-6	WLAN, 10755-AAC	6505.0, 111	1.0

Hardware Setup

Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
mmWave - 1065	Air -	EUmmWV4 - SN9553_F1-55GHz, 2023-10-18	DAE4 Sn1338, 2024-03-18

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	2024-07-25
Avg. Area [cm ²]	4.00
psPDn+ [W/m ²]	2.78
psPDtot+ [W/m ²]	3.58
psPDmod+ [W/m ²]	7.89
E _{max} [V/m]	81.9
Power Drift [dB]	0.01

