

Date: 2024-09-15

01_WLAN6GHz_802.11ax-HE160 MCS0_Left Cheek_0mm_Ch47

Communication System: IEEE 802.11ax (160MHz, MCS0, 90pc duty cycle)
Frequency: 6185.000MHz; Duty Cycle: 1:1
Medium: HSL Medium parameters used: $f= 6185.000$ MHz; $\sigma= 5.75$ S/m; $\epsilon_r = 35.1$
Ambient Temperature: 23.3°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: 2024-07-03
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2024; Section: LeftHead
- Measurement Software: 16.4.0.5005
- UID: WLAN, 10743-AAC

Area Scan (102.0 mm x 187.0 mm): Measurement Grid: 8.5 mm x 8.5 mm

SAR (1g) = 0.728 W/kg; SAR (10g) = 0.260 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

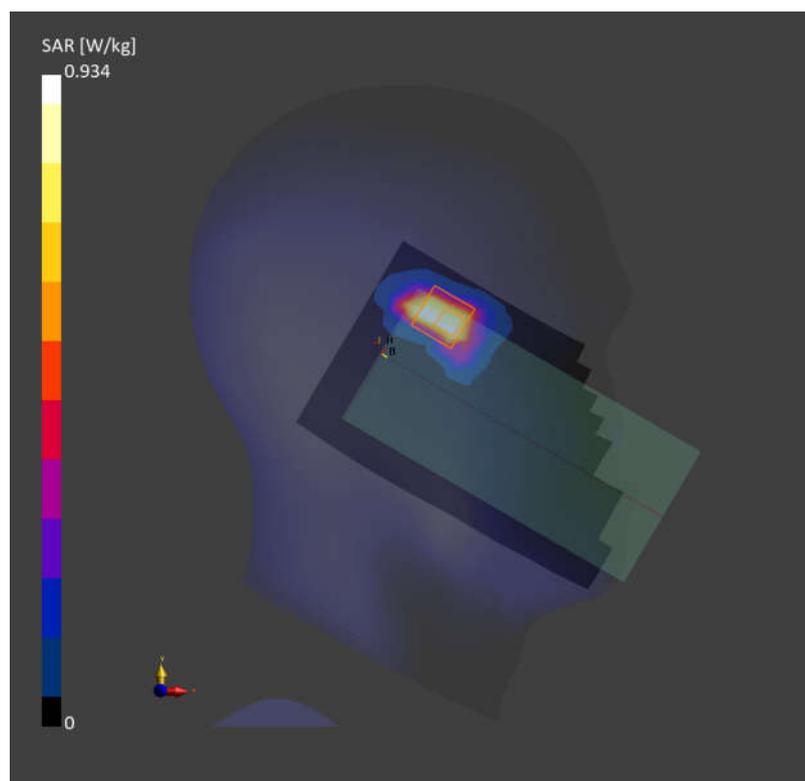
Power Drift = -0.06 dB

SAR (1g) = 0.934 W/kg; SAR (10g) = 0.283 W/kg

Smallest distance from peaks to all points 3 dB below = 4.8 mm

Ratio of SAR at M2 to SAR at M1 = 61.2 %

psAPD (4.0cm², sq) = 6.57 [W/m²]



Date: 2024-09-15

02_WLAN6GHz_802.11ax-HE160 MCS0_Back_15mm_Ch143

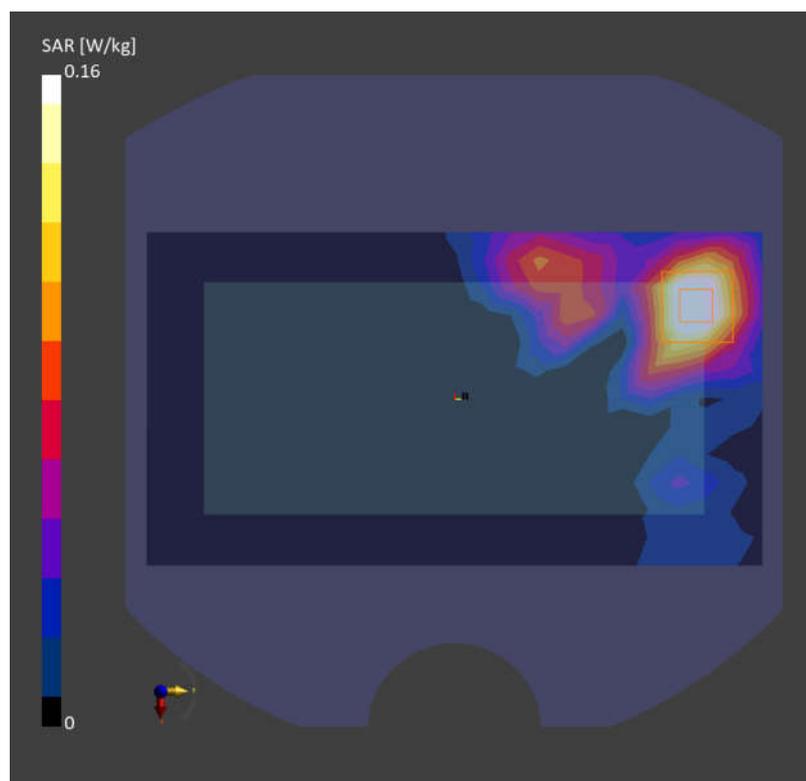
Communication System: IEEE 802.11ax (160MHz, MCS0, 90pc duty cycle)
Frequency: 6665.000MHz; Duty Cycle: 1:1
Medium: HSL Medium parameters used: $f= 6665.000$ MHz; $\sigma= 6.34$ S/m; $\epsilon_r = 34.3$
Ambient Temperature: 23.3°C; Liquid Temperature: 22.8°C

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: 2024-07-03
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2024; Section: Flat
- Measurement Software: 16.4.0.5005
- UID: WLAN, 10743-AAC

Area Scan (102.0 mm x 187.0 mm): Measurement Grid: 8.5 mm x 8.5 mm
SAR (1g) = 0.153 W/kg; SAR (10g) = 0.060 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 = 0.07 dB
SAR (1g) = 0.160 W/kg; SAR (10g) = 0.061 W/kg
Smallest distance from peaks to all points 3 dB below = 12.7 mm
Ratio of SAR at M2 to SAR at M1 = 55.0 %
psAPD (4.0cm², sq) = 1.36 [W/m²]



Date: 2024-09-15

03_WLAN6GHz_802.11ax-HE160 MCS0_Right Side_0mm_Ch47

Communication System: IEEE 802.11ax (160MHz, MCS0, 99pc duty cycle)
Frequency: 6185.000MHz; Duty Cycle: 1:1
Medium: HSL Medium parameters used: $f= 6185.000$ MHz; $\sigma= 5.75$ S/m; $\epsilon_r = 35.1$
Ambient Temperature: 23.3°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: 2024-07-03
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2024; Section: Flat
- Measurement Software: 16.4.0.5005
- UID: WLAN, 10755-AAC

Area Scan (48.0 mm x 187.0 mm): Measurement Grid: 8.0 mm x 8.5 mm

SAR (1g) = 1.41 W/kg; SAR (10g) = 0.433 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

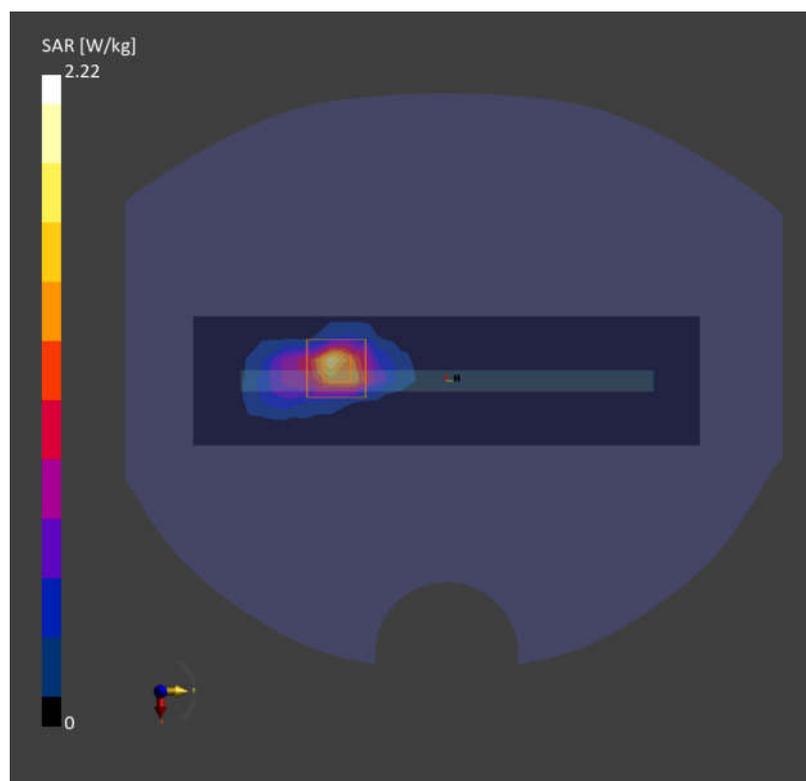
Power Drift = 0.01 dB

SAR (1g) = 2.22 W/kg; SAR (10g) = 0.562 W/kg

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

Ratio of SAR at M2 to SAR at M1 = 56.9 %

psAPD (4.0cm², sq) = 13.1 [W/m²]



01_WLAN6GHz_802.11ax-HE160 MCS0_Right Side_2mm_Ch47

Device Under Test Properties

Model, Manufacturer	Dimensions [mm]
Device,	152.0 x 71.0 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, 10755-AAC	6185.0, 47	1.0

Hardware Setup

Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
mmWave - 1065	Air -	EUmmWV4 - SN9553_F1-55GHz, 2023-10-18	DAE4 Sn1358, 2024-05-23

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	2024-09-20
Avg. Area [cm ²]	4.00
psPDn+ [W/m ²]	2.68
psPDtot+ [W/m ²]	4.25
psPDmod+ [W/m ²]	6.94
E _{max} [V/m]	63.9
Power Drift [dB]	-0.05

