

Date: 2024-11-05

01_WLAN6GHz_802.11ax-HE160 MCS0_Left Cheek_0mm_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; $\sigma = 6.36$ 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: LeftHead
- Measurement Software: 16.4.0.5005
- UID: WLAN, 10743-AAC

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

SAR (1g) = 0.193 W/kg; SAR (10g) = 0.061 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

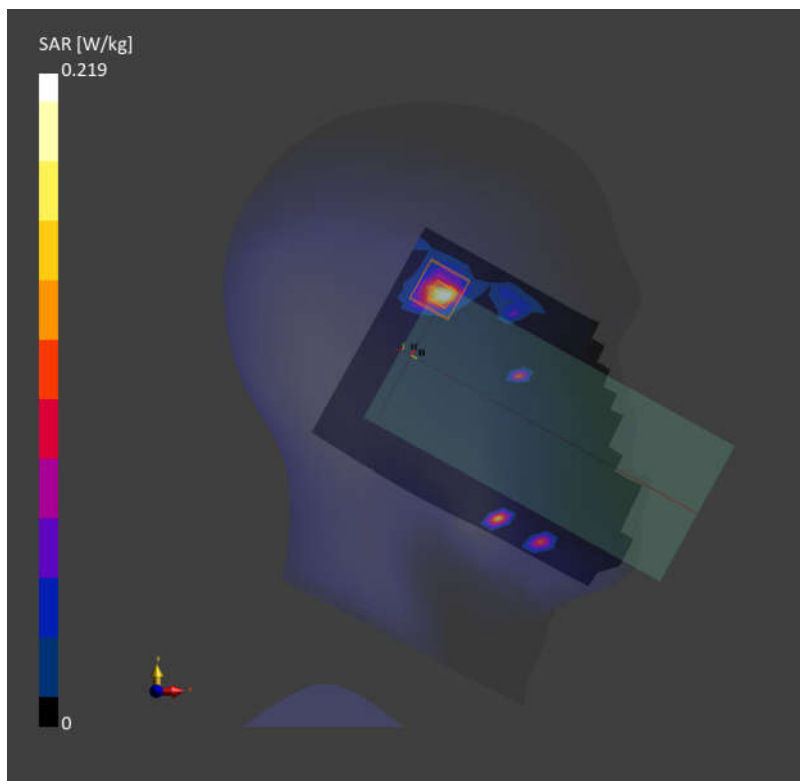
Power Drift = 0.09 dB

SAR (1g) = 0.219 W/kg; SAR (10g) = 0.064 W/kg

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

Ratio of SAR at M2 to SAR at M1 = 57.5 %

psAPD (4.0cm², sq) = 1.32 [W/m²]



Date: 2024-10-21

02_WLAN6GHz_802.11ax-HE160 MCS0_Back_29mm_Ch15

Communication System: IEEE 802.11ax (160MHz, MCS0, 90pc duty cycle)

Frequency: 6025.000MHz; Duty Cycle: 1:1

Medium: HSL Medium parameters used: $f = 6025.000$ MHz; $\sigma = 5.54$ S/m; $\epsilon_r = 35.5$

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

SAR (1g) = 0.500 W/kg; SAR (10g) = 0.216 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

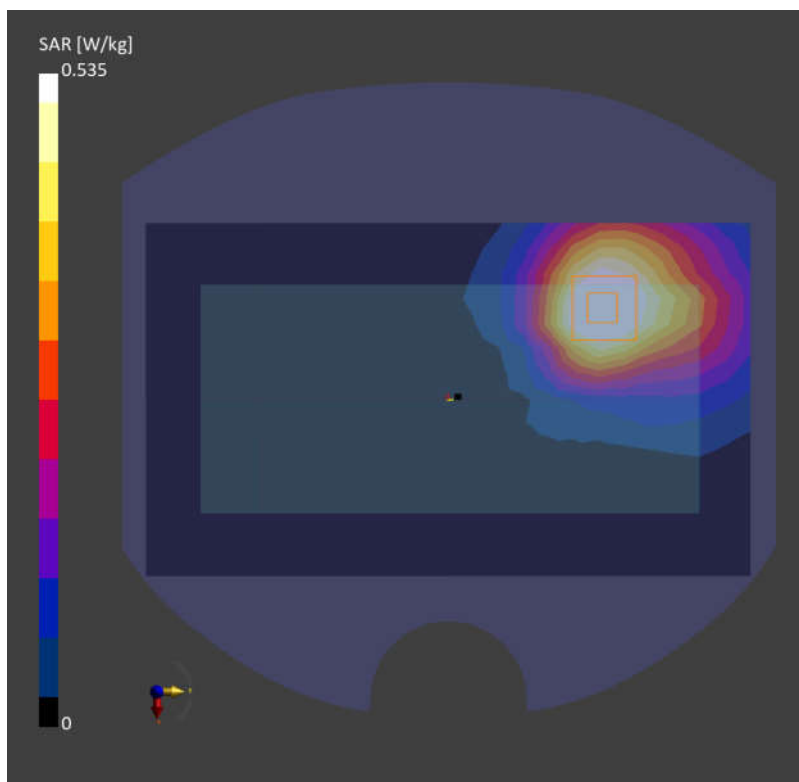
Power Drift = -0.02 dB

SAR (1g) = 0.535 W/kg; SAR (10g) = 0.234 W/kg

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

Ratio of SAR at M2 to SAR at M1 = 58.3 %

psAPD (4.0cm², sq) = 5.09 [W/m²]



Date: 2024-10-21

03_WLAN6GHz_802.11ax-HE160 MCS0_Back_16mm_Ch15

Communication System: IEEE 802.11ax (160MHz, MCS0, 90pc duty cycle)

Frequency: 6025.000MHz; Duty Cycle: 1:1

Medium: HSL Medium parameters used: $f = 6025.000$ MHz; $\sigma = 5.54$ S/m; $\epsilon_r = 35.5$

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

SAR (1g) = 0.850 W/kg; SAR (10g) = 0.340 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

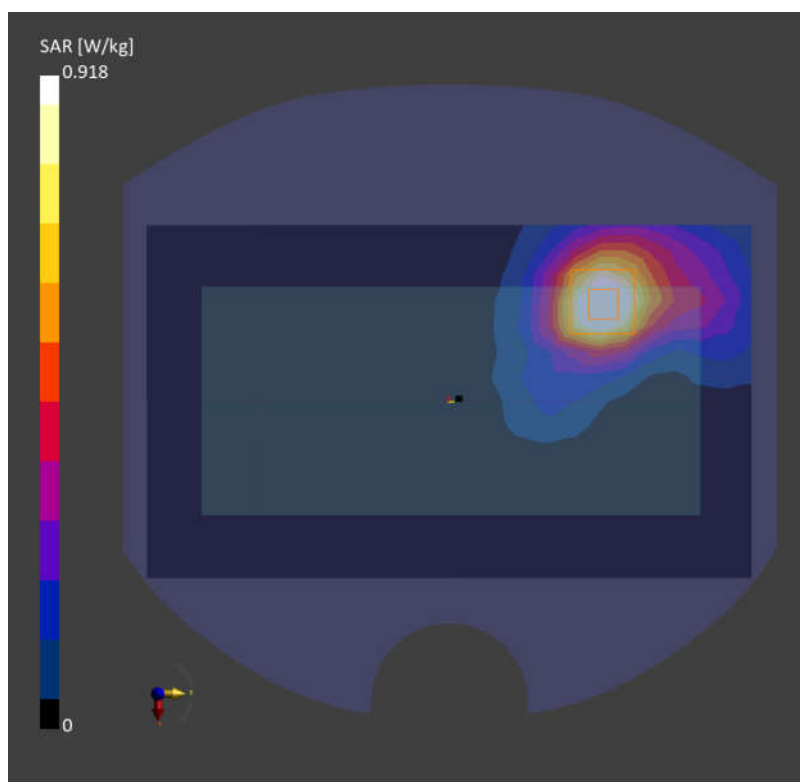
Power Drift = -0.06 dB

SAR (1g) = 0.918 W/kg; SAR (10g) = 0.373 W/kg

Smallest distance from peaks to all points 3 dB below = 13.8 mm

Ratio of SAR at M2 to SAR at M1 = 58.5 %

psAPD (4.0cm², sq) = 8.23 [W/m²]



01_WLAN6GHz_802.11ax-HE160 MCS0_Back_2mm_Ch143

Device Under Test Properties

Model, Manufacturer	Dimensions [mm]
Device,	168.0 x 78.0 x 19.0

Exposure Conditions

Phantom Section	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor
5G	BACK, 2.00	U-NII-7	WLAN, 10743-AAC	6665.0, 143	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	2024-10-15
Avg. Area [cm ²]	4.00
psPDn+ [W/m ²]	3.25
psPDtot+ [W/m ²]	3.68
psPDmod+ [W/m ²]	4.37
E _{max} [V/m]	46.8
Power Drift [dB]	0.10

