Date: 2024-12-05

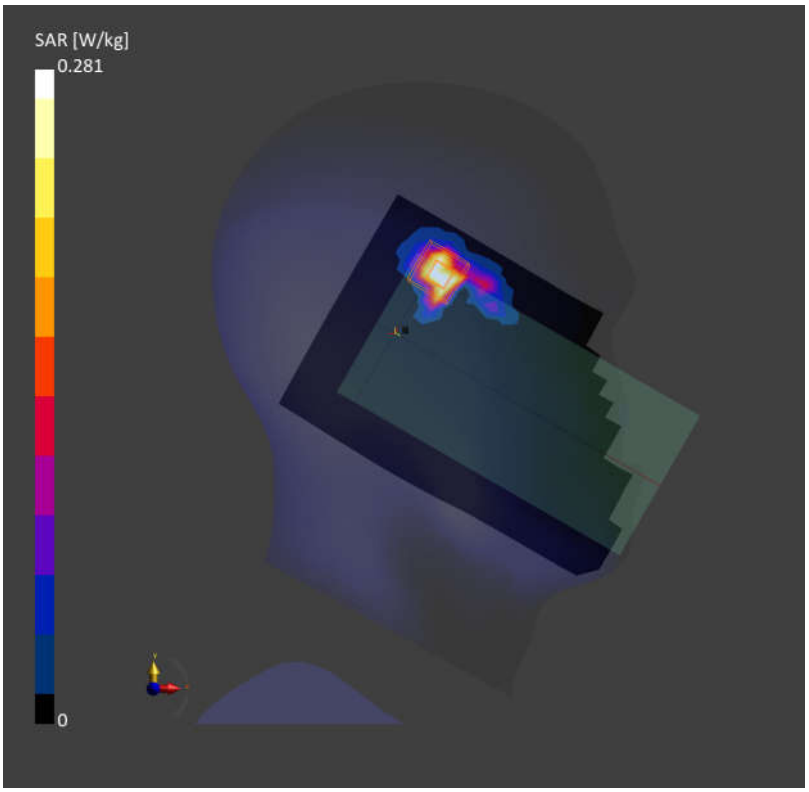
01_WLAN6GHz_802.11ax-HE160 MCS0_Left Cheek_0mm_Ch15

Communication System: IEEE 802.11ax (160MHz, MCS0, 99pc duty cycle); Frequency: 6025.000 MHz; Duty Cycle: 1:1
Medium: Head Simulating Liquid Medium parameters used: f= 6025.000 MHz; σ= 5.48 S/m; ε_r = 35.3
Ambient Temperature: 23.2°C; Liquid Temperature: 22.7°C

DASY8 Configuration:
- Probe: EX3DV4 - SN7764; ConvF(5.74, 5.63, 5.69); Calibrated: 2024-09-02
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1691; Calibrated: 2024-04-19
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 1753
- Measurement Software: 16.4.0.5005
- UID: WLAN, 10755-AAC

Area Scan (119.0 mm x 204.0 mm): Measurement Grid: 8.5 mm x 8.5 mm
SAR (1g) = 0.240 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 = 0.10 dB
SAR (1g) = 0.281 W/kg; SAR (10g) = 0.080 W/kg
Smallest distance from peaks to all points 3 dB below = 5.7 mm
Ratio of SAR at M2 to SAR at M1 = 58.2 %
psAPD (4.0cm2, sq) = 1.85 [W/m2]



Date: 2024-12-05

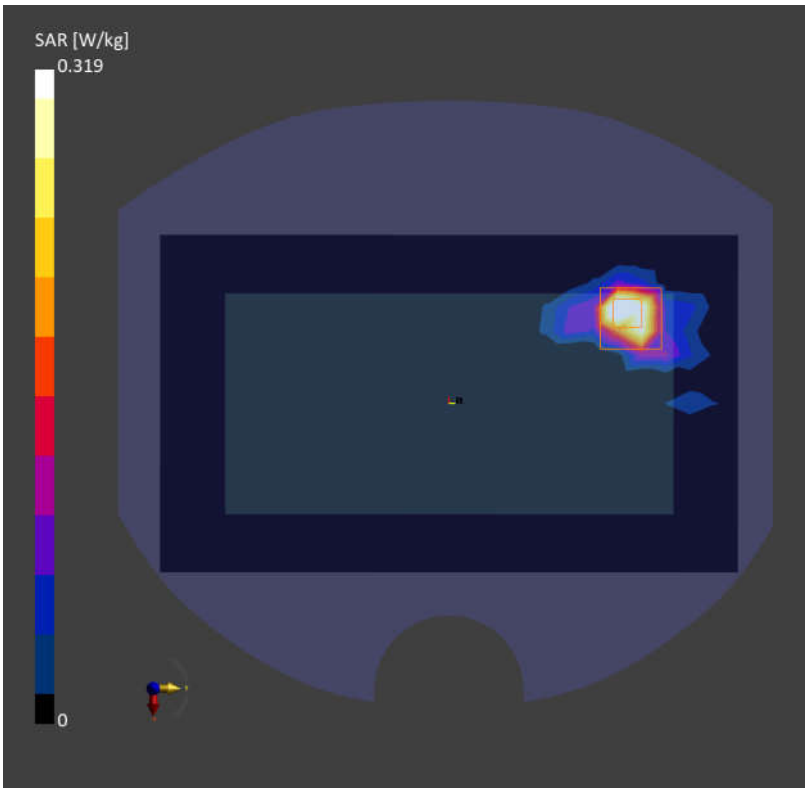
02_WLAN6GHz_802.11ax-HE160 MCS0_Back_5mm_Ch207

Communication System: IEEE 802.11ax (160MHz, MCS0, 99pc duty cycle); Frequency: 6985.000 MHz; Duty Cycle: 1:1
Medium: Head Simulating Liquid Medium parameters used: f= 6985.000 MHz; σ= 6.63 S/m; ε_r = 33.7
Ambient Temperature: 23.2°C; Liquid Temperature: 22.7°C

DASY8 Configuration:
- Probe: EX3DV4 - SN7764; ConvF(5.74, 5.63, 5.69); Calibrated: 2024-09-02
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1691; Calibrated: 2024-04-19
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 1753
- Measurement Software: 16.4.0.5005
- UID: WLAN, 10755-AAC

Area Scan (119.0 mm x 204.0 mm): Measurement Grid: 8.5 mm x 8.5 mm
SAR (1g) = 0.308 W/kg; SAR (10g) = 0.093 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) = 0.319 W/kg; SAR (10g) = 0.101 W/kg
Smallest distance from peaks to all points 3 dB below = 5.8 mm
Ratio of SAR at M2 to SAR at M1 = 46.1 %
psAPD (4.0cm2, sq) = 2.36 [W/m2]



Date: 2024-12-05

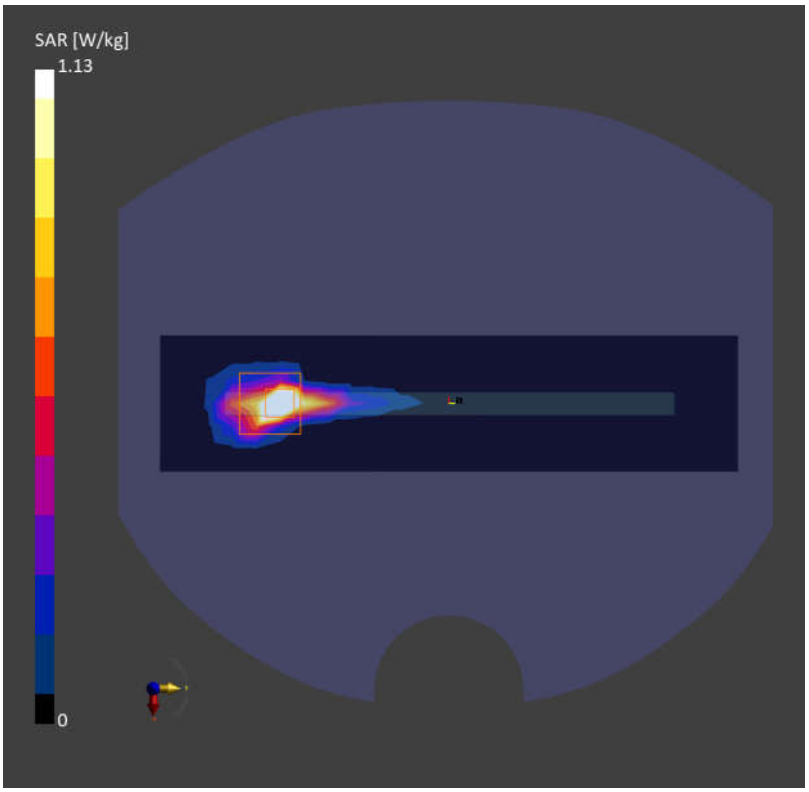
03_WLAN6GHz_802.11ax-HE160 MCS0_Right Side_0mm_Ch47

Communication System: IEEE 802.11ax (160MHz, MCS0, 99pc duty cycle); Frequency: 6185.000 MHz; Duty Cycle: 1:1
Medium: Head Simulating Liquid Medium parameters used: f= 6185.000 MHz; σ= 5.68 S/m; ε_r = 35.0
Ambient Temperature: 23.2°C; Liquid Temperature: 22.7°C

DASY8 Configuration:
- Probe: EX3DV4 - SN7764; ConvF(5.74, 5.63, 5.69); Calibrated: 2024-09-02
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1691; Calibrated: 2024-04-19
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 1753
- Measurement Software: 16.4.0.5005
- UID: WLAN, 10755-AAC

Area Scan (48.0 mm x 204.0 mm): Measurement Grid: 8.0 mm x 8.5 mm
SAR (1g) = 1.09 W/kg; SAR (10g) = 0.269 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 = -0.05 dB
SAR (1g) = 1.13 W/kg; SAR (10g) = 0.272 W/kg
Smallest distance from peaks to all points 3 dB below = 4.3 mm
Ratio of SAR at M2 to SAR at M1 = 57.7 %
psAPD (4.0cm2, sq) = 4.29 [W/m2]



01_WLAN6GHz_802.11ax-HE160 MCS0_Right Side_2mm_Ch207

Device Under Test Properties

Model, Manufacturer	Dimensions [mm]
Device,	160.0 x 75.0 x 7.0

Exposure Conditions

Phantom Section	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor
5G	EDGE RIGHT, 2.00	U-NII-8	WLAN, 10743-AAC	6985.0, 207	1.0

Hardware Setup

Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
mmWave - 1065	Air -	EUmmWV4 - SN9432_F1-55GHz, 2023-12-13	DAE4 Sn1358, 2024-5-23

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	2024-12-10
Avg. Area [cm^2]	4.00
psPDn+ [W/m^2]	2.02
psPDtot+ [W/m^2]	3.71
psPDmod+ [W/m^2]	5.96
E_{max} [V/m]	74.4
Power Drift [dB]	0.08