01_WLAN6GHz_802.11ax-HE40 MCS0_Top Side_2mm_Ch59

Device Under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
Device,	158.0 x 74.0 x 10.0		Phone

Exposure Conditions

Phantom Section	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor
5G	EDGE TOP, 2.00	U-NII-5	WLAN, 10695-AAC	6245.0, 59	1.0

Hardware Setup

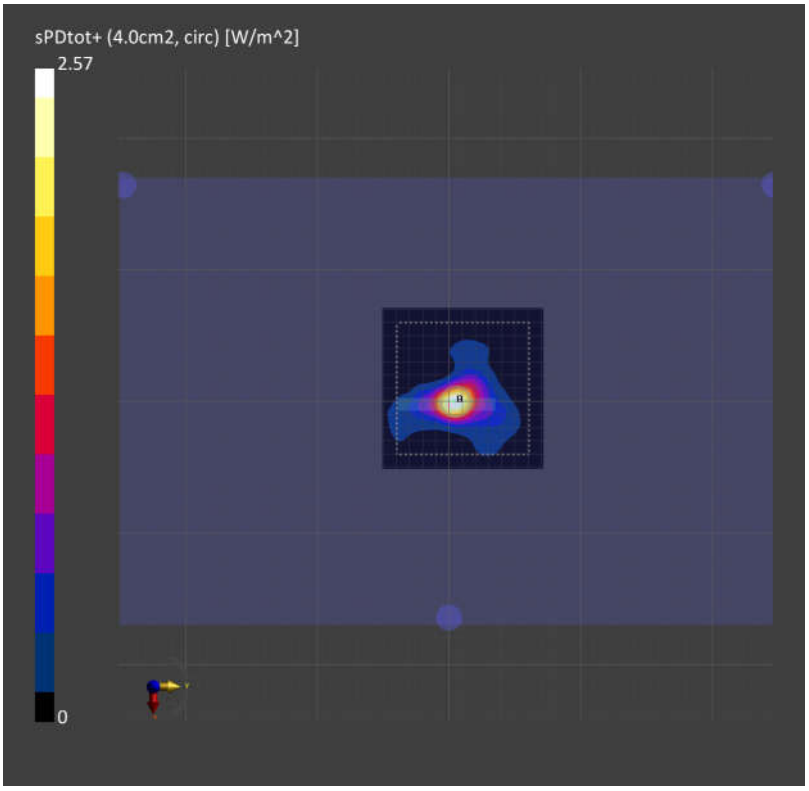
Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
mmWave - 1065	Air -	EUmmWV4 - SN9553_F1-55GHz, 2022-09-09	DAE4 Sn690, 2022-06-15

Scans Setup

Scan Type	5G Scan
Grid Extents [mm]	120.0 x 120.0
Grid Steps [lambda]	0.15 x 0.15
Sensor Surface [mm]	2.0
MAIA	N/A

Measurement Results

Scan Type	5G Scan
Date	2023-01-06
Avg. Area [cm^2]	4.00
psPDn+ [W/m^2]	1.63
psPDtot+ [W/m^2]	2.57
psPDmod+ [W/m^2]	4.08
E_{max} [V/m]	65.8
Power Drift [dB]	-0.15



Date: 2022-11-20

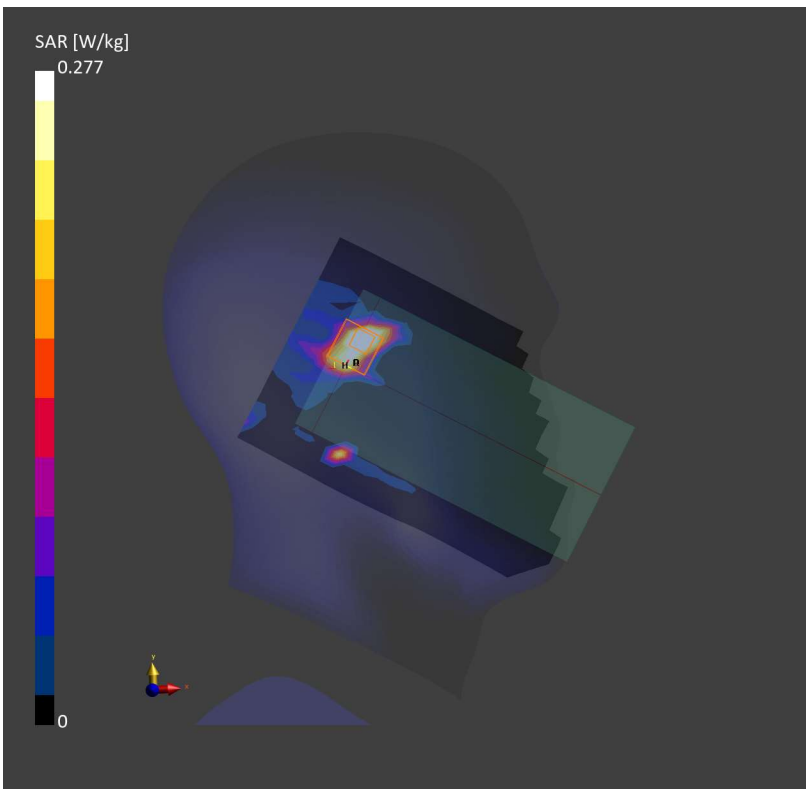
01_WLAN6GHz_802.11ax-HE40 MCS0_Left Cheek_0mm_Ch59

Communication System: Custom Band; Frequency: 6245.0
Medium: HSL. Medium parameters used: f= 6245.0 MHz; σ= 5.58 S/m; ε_r = 35.0
Ambient Temperature: 23.3°C; Liquid Temperature: 22.6°C

DASY6 Configuration:
- Probe: EX3DV4 - SN7630; ConvF(5.65, 5.65, 5.65); Calibrated: 2022-03-04
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1305; Calibrated: 2022-04-27
- Phantom: Twin-SAM 1; Type: SAM Twin; Serial: 2024
- Measurement Software: cDASY6 V6.6.0.13926

Area Scan (119.0 mm x 204.0 mm) Measurement Grid: 8.5 mm x 8.5 mm
SAR (1g) = 0.295 W/kg; SAR (10g) = 0.092 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) = 0.277 W/kg; SAR (10g) = 0.077 W/kg;
psAPD (4.0cm2, sq) = 1.81 [W/m2]



Date: 2022-11-20

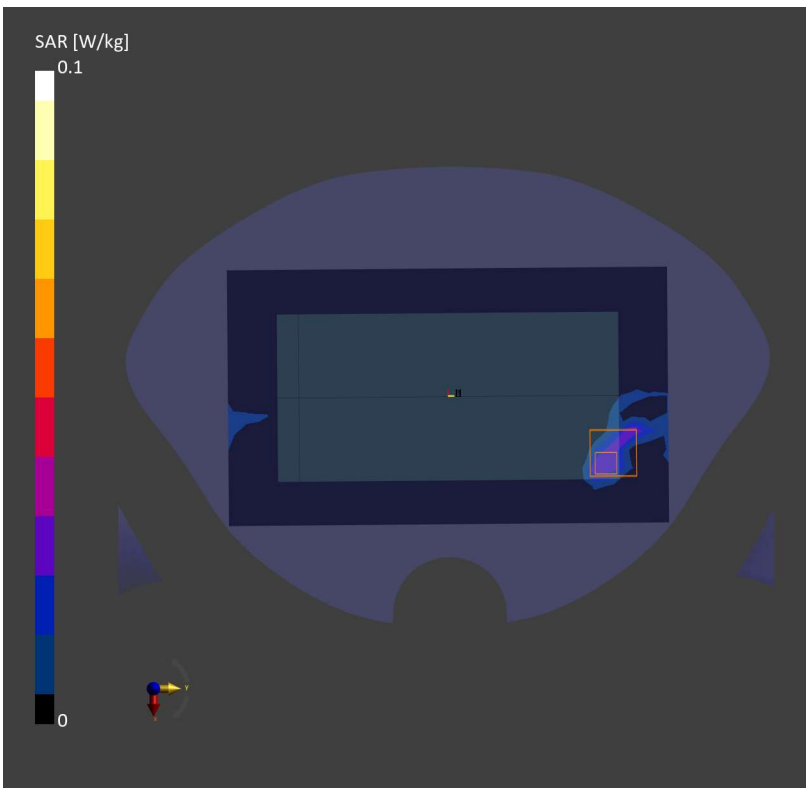
02_WLAN6GHz_802.11ax-HE40 MCS0_Front_5mm_Ch59

Communication System: Custom Band; Frequency: 6245.0
Medium: HSL. Medium parameters used: f= 6245.0 MHz; σ= 5.58 S/m; ε_r = 35.0
Ambient Temperature: 23.3°C; Liquid Temperature: 22.6°C

DASY6 Configuration:
- Probe: EX3DV4 - SN7630; ConvF(5.65, 5.65, 5.65); Calibrated: 2022-03-04
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1305; Calibrated: 2022-04-27
- Phantom: Twin-SAM 1; Type: SAM Twin; Serial: 2024
- Measurement Software: cDASY6 V6.6.0.13926

Area Scan (119.0 mm x 204.0 mm) Measurement Grid: 8.5 mm x 8.5 mm
SAR (1g) = 0.075 W/kg; SAR (10g) = 0.011 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 = 0.08 dB
SAR (1g) = 0.083 W/kg; SAR (10g) = 0.022 W/kg;
psAPD (4.0cm2, sq) = 0.507 [W/m2]



Date: 2022-11-20

03_WLAN6GHz_802.11ax-HE40 MCS0_Top Side_0mm_Ch59

Communication System: Custom Band; Frequency: 6245.0
Medium: HSL. Medium parameters used: f= 6245.0 MHz; σ= 5.58 S/m; ε_r = 35.0
Ambient Temperature: 23.3°C; Liquid Temperature: 22.6°C

DASY6 Configuration:
- Probe: EX3DV4 - SN7630; ConvF(5.65, 5.65, 5.65); Calibrated: 2022-03-04
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1305; Calibrated: 2022-04-27
- Phantom: Twin-SAM 1; Type: SAM Twin; Serial: 2024
- Measurement Software: cDASY6 V6.6.0.13926

Area Scan (119.0 mm x 204.0 mm) Measurement Grid: 8.5 mm x 8.5 mm
SAR (1g) = 1.18 W/kg; SAR (10g) = 0.264 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 = 0.08 dB
SAR (1g) = 1.41 W/kg; SAR (10g) = 0.287 W/kg;
psAPD (4.0cm2, sq) = 6.81 [W/m2]