

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	TOP SIDE, 2.00	U-NII-5	WLAN, 10695-AAC	6245.0, 59	1.0

Hardware Setup

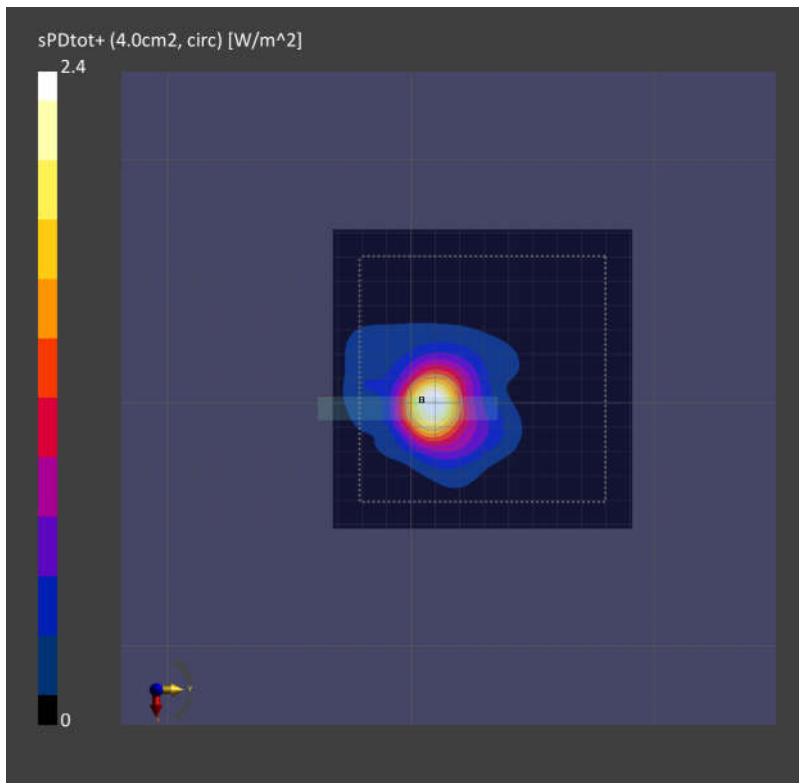
Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
mmWave - 1065	Air -	EUmmWV4 - SN9553_F1-55GHz, 2022-09-09	DAE4 Sn690, 2022-06-15

Scans Setup

Scan Type	5G Scan
Grid Extents [mm]	120.0 x 120.0
Grid Steps [lambda]	0.0625 x 0.0625
Sensor Surface [mm]	2.0
MAIA	N/A

Measurement Results

Scan Type	5G Scan
Date	2022-12-09
Avg. Area [cm <sup>2</sup> ]	4.00
psPDn+ [W/m <sup>2</sup> ]	1.90
psPDtot+ [W/m <sup>2</sup> ]	2.40
psPDmod+ [W/m <sup>2</sup> ]	5.81
E <sub>max</sub> [V/m]	65.0
Power Drift [dB]	-0.04



## 01\_WLAN6GHz\_802.11ax-HE40 MCS0\_Left Tilted\_0mm\_Ch59

Communication System: Custom Band; Frequency: 6245.0

Medium: HSL. Medium parameters used:  $f= 6245.0$  MHz;  $\sigma= 5.58$  S/m;  $\epsilon_r = 35.0$

Ambient Temperature: 23.2°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

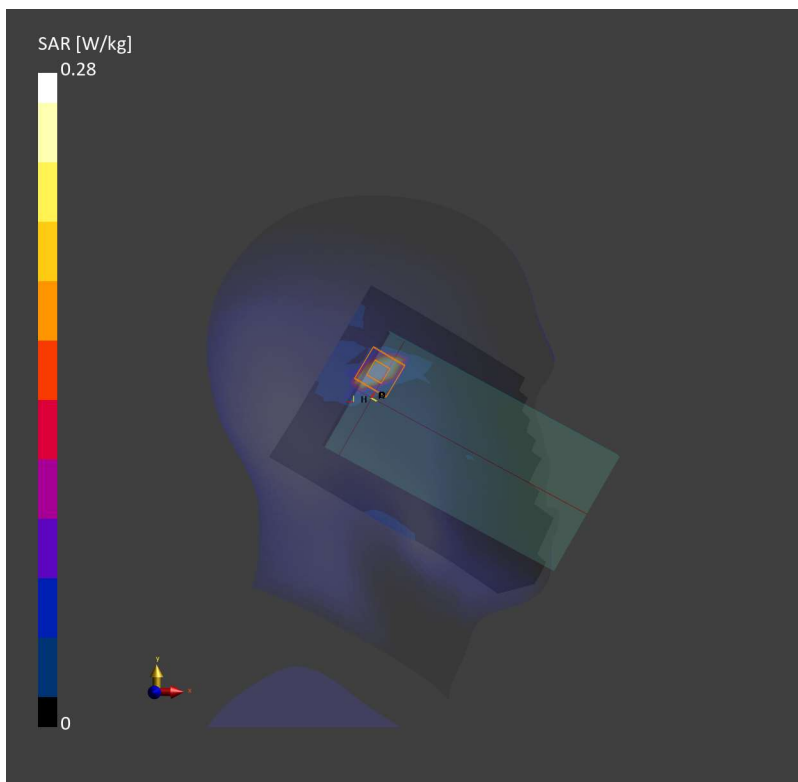
SAR (1g) = 0.248 W/kg; SAR (10g) = 0.073 W/kg;

**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) = 0.280 W/kg; SAR (10g) = 0.082 W/kg;

psAPD (4.0cm<sup>2</sup>, sq) = 1.95 [W/m<sup>2</sup>]



## 02\_WLAN6GHz\_802.11ax-HE40 MCS0\_Back\_5mm\_Ch59

Communication System: Custom Band; Frequency: 6245.0

Medium: HSL. Medium parameters used:  $f= 6245.0$  MHz;  $\sigma= 5.58$  S/m;  $\epsilon_r = 35.0$

Ambient Temperature: 23.2°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

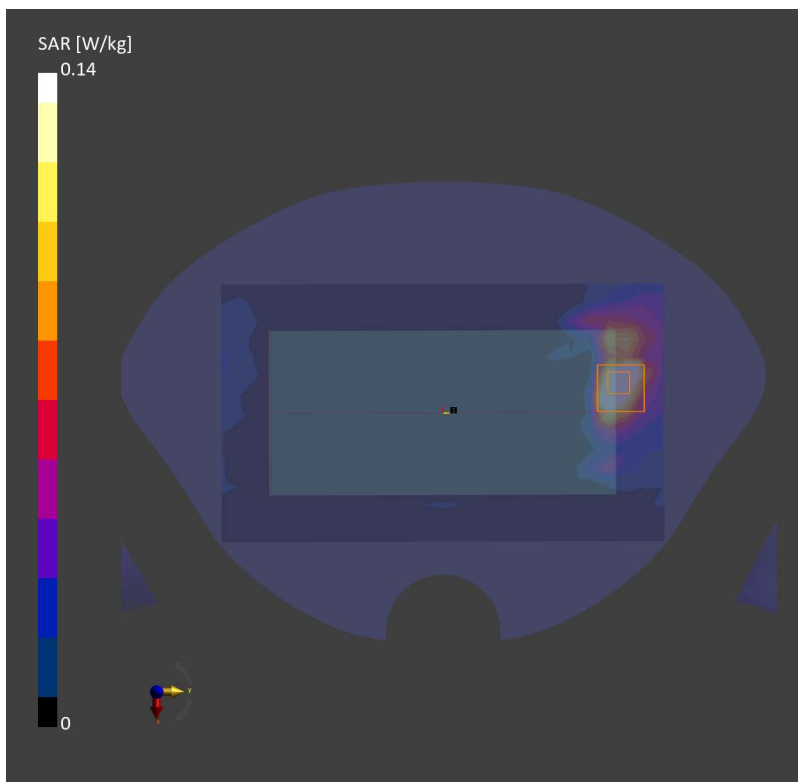
SAR (1g) = 0.157 W/kg; SAR (10g) = 0.053 W/kg;

**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) = 0.140 W/kg; SAR (10g) = 0.037 W/kg;

psAPD (4.0cm<sup>2</sup>, sq) = 0.87 [W/m<sup>2</sup>]



### 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;  $\sigma= 5.58$  S/m;  $\epsilon_r = 35.0$

Ambient Temperature: 23.2°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 (48.0 mm x 119.0 mm)** Measurement Grid: 8.5 mm x 8.5 mm

SAR (1g) = 0.784 W/kg; SAR (10g) = 0.236 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) = 1.48 W/kg; SAR (10g) = 0.315 W/kg;

psAPD (4.0cm<sup>2</sup>, sq) = 7.43 [W/m<sup>2</sup>]

