

01\_WLAN6GHz\_802.11ax-HE160 MCS0\_Back\_2mm\_Ch15Device Under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
Device,	162.0 x 74.0 x 8.0		Phone

Exposure Conditions

Phantom Section	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor
5G	BACK, 2.00	U-NII-5	WLAN, 10743-AAC	6025.0, 15	1.0

Hardware Setup

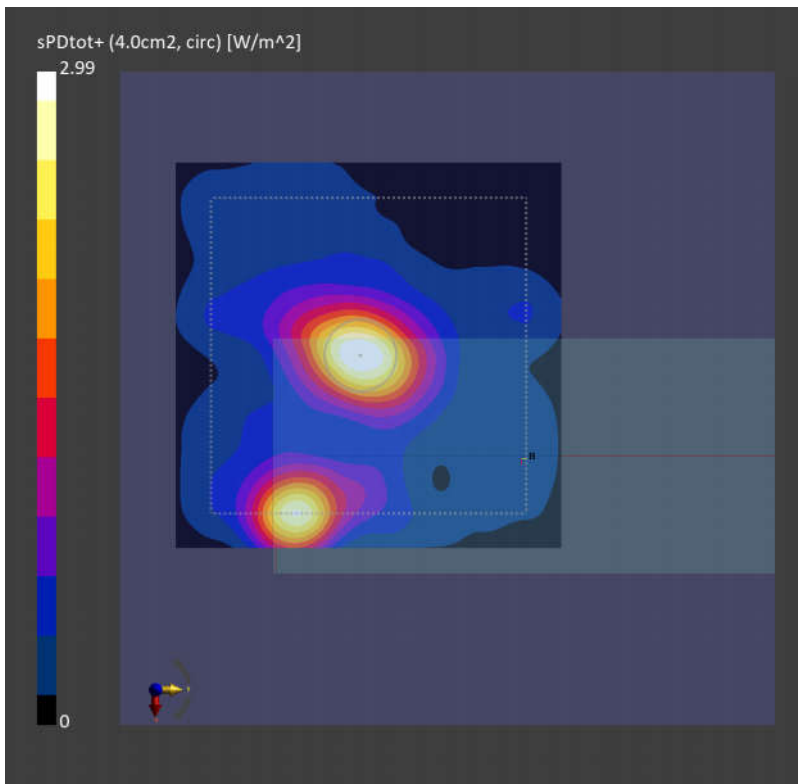
Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
mmWave	Air -	EUmmWV4 - SN9432_F1-55GHz, 2021-11-29	DAE4 Sn1210, 2022-04-12

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	2022-11-20
Avg. Area [cm <sup>2</sup> ]	4.00
psPDn+ [W/m <sup>2</sup> ]	2.75
psPDtot+ [W/m <sup>2</sup> ]	2.99
psPDmod+ [W/m <sup>2</sup> ]	4.30
E <sub>max</sub> [V/m]	67.1
Power Drift [dB]	0.02



Date: 2022/12/6

## 01\_WLAN6GHz\_802.11ax-HE160 MCS0\_Left Tilted\_Ch111

Communication System: U-NII-6; Frequency: 6505.0

Medium: HSL\_6500\_221206 Medium parameters used:  $f=6505.0$  MHz;  $\sigma=6.08$  S/m;  $\epsilon_r=34.0$

Ambient Temperature: 23.6°C; Liquid Temperature: 22.5°C

DASY6 Configuration:

- Probe: EX3DV4 - SN3935; ConvF(5.8, 5.8, 5.8); Calibrated: 2022/6/20
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1210; Calibrated: 2022/4/12
- Phantom: Twin-SAM1(P1aP2a20); Type: QD 000 P40 CD; Serial: TP:1670
- Measurement Software: cDASY6 V16.0.0.116
- UID: CW, 0--

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

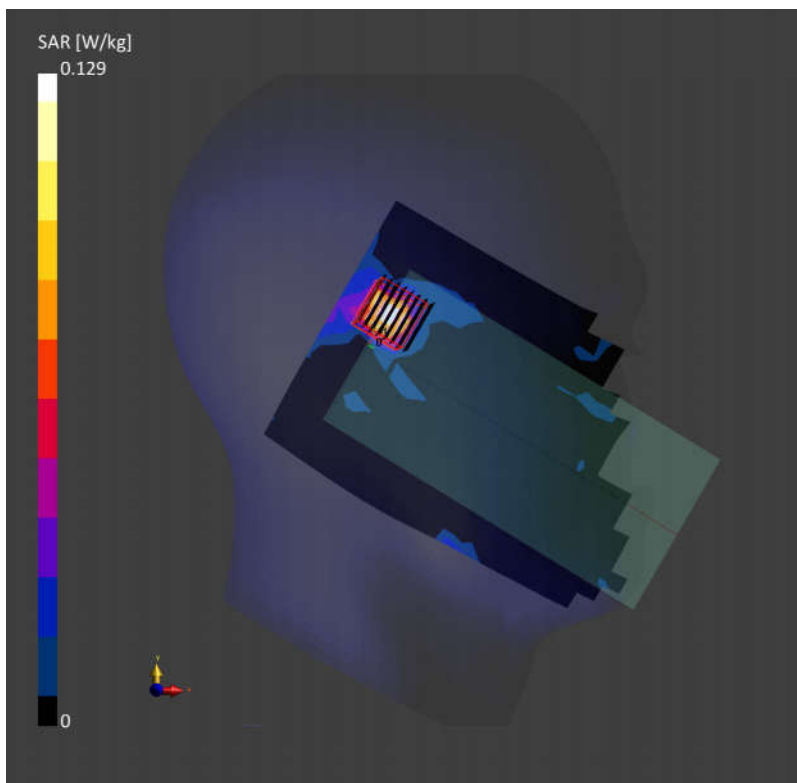
SAR (1g) = 0.122 W/kg; SAR (10g) = 0.034 W/kg;

**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) = 0.129 W/kg; (10g) = 0.030 W/kg;

psAPD (4.0cm<sup>2</sup>, sq) = 0.720 [W/m<sup>2</sup>]



Date: 2022/12/6

## 02\_WLAN6GHz\_802.11ax-HE160 MCS0\_Back\_15mm\_Ch15

Communication System: U-NII-5; Frequency: 6025.0

Medium: HSL\_6500\_221206 Medium parameters used:  $f = 6025.0$  MHz;  $\sigma = 5.46$  S/m;  $\epsilon_r = 34.9$

Ambient Temperature: 23.6°C; Liquid Temperature: 22.5°C

DASY6 Configuration:

- Probe: EX3DV4 - SN3935; ConvF(5.8, 5.8, 5.8); Calibrated: 2022/6/20
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1210; Calibrated: 2022/4/12
- Phantom: Twin-SAM1(P1aP2a20); Type: QD 000 P40 CD; Serial: TP:1670
- Measurement Software: cDASY6 V16.0.0.116
- UID: CW, 0--

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

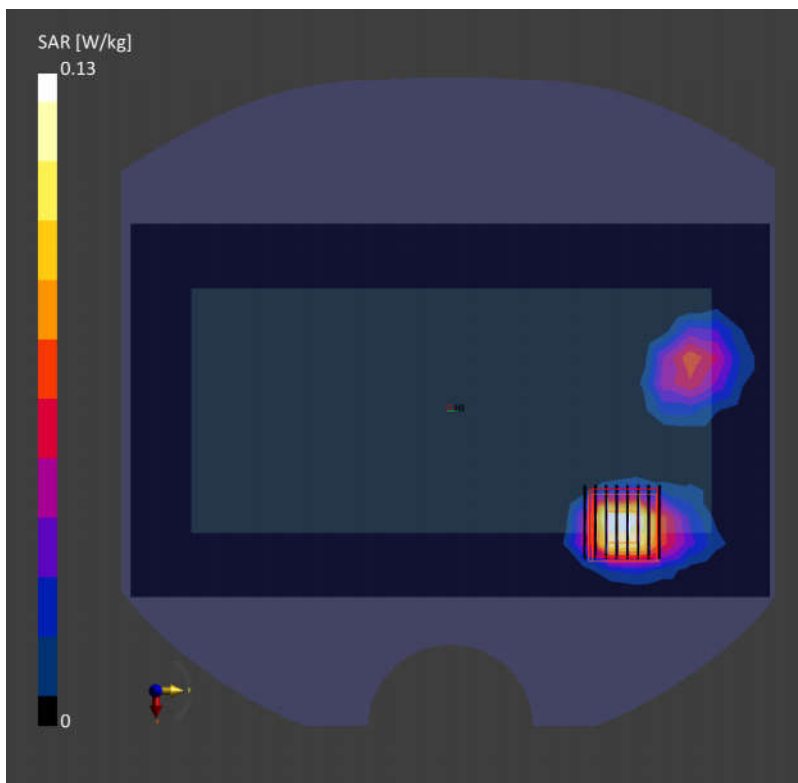
SAR (1g) = 0.110 W/kg; SAR (10g) = 0.037 W/kg;

**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) = 0.130 W/kg; SAR (10g) = 0.045 W/kg;

psAPD (4.0cm<sup>2</sup>, sq) = 1.12 [W/m<sup>2</sup>]



Date: 2022/12/6

### 03\_WLAN6GHz\_802.11ax-HE160 MCS0\_Back\_0mm\_Ch15

Communication System: U-NII-5; Frequency: 6025.0

Medium: HSL\_6500\_221206 Medium parameters used:  $f = 6025.0$  MHz;  $\sigma = 5.46$  S/m;  $\epsilon_r = 34.9$

Ambient Temperature: 23.6°C; Liquid Temperature: 22.5°C

DASY6 Configuration:

- Probe: EX3DV4 - SN3935; ConvF(5.8, 5.8, 5.8); Calibrated: 2022/6/20
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1210; Calibrated: 2022/4/12
- Phantom: Twin-SAM1(P1aP2a20); Type: QD 000 P40 CD; Serial: TP:1670
- Measurement Software: cDASY6 V16.0.0.116
- UID: CW, 0--

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

SAR (1g) = 1.15 W/kg; SAR (10g) = 0.277 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 1.2 mm

Power Drift = -0.13 dB

SAR (1g) = 2.07 W/kg; SAR (10g) = 0.355 W/kg;

psAPD (4.0cm<sup>2</sup>, sq) = 8.87 [W/m<sup>2</sup>]

