

## 01\_WLAN6GHz\_802.11ax-HE160 MCS0\_Left Tilted\_0mm\_Ch111

Communication System: U-NII-6; Frequency: 6505.000

Medium: HSL. Medium parameters used:  $f=6505.000$  MHz;  $\sigma=6.14$  S/m;  $\epsilon_r=34.6$

Ambient Temperature: 23.3°C; Liquid Temperature: 22.8°C

DASY6 Configuration:

- Probe: EX3DV4 - SN7706; ConvF(5.85, 5.85, 5.85); Calibrated: 2023-01-26
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1303; Calibrated: 2022-11-24
- Phantom: Twin-SAM V8.0 (30deg probe tilt); 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

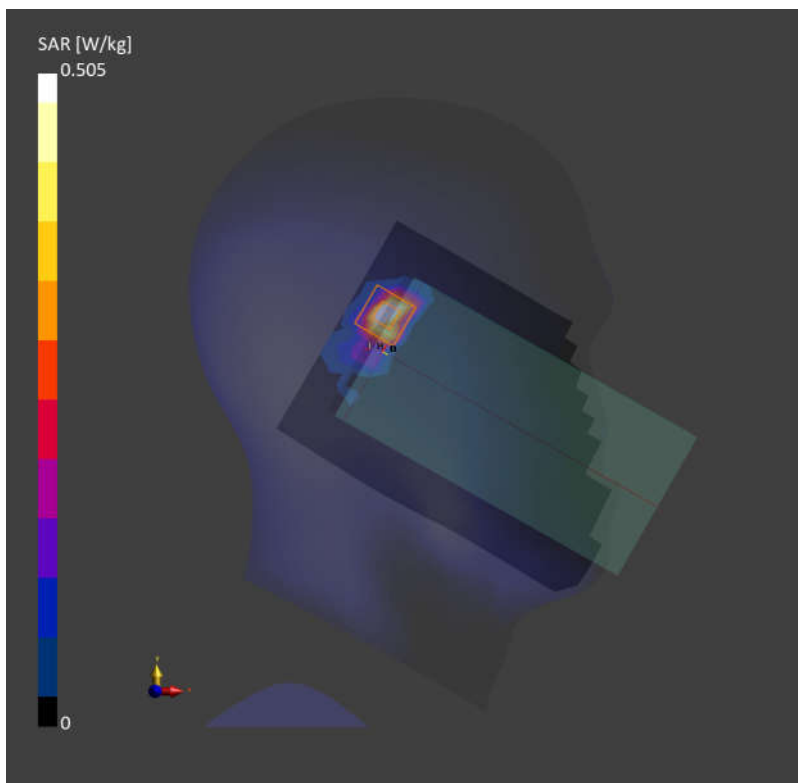
SAR (1g) = 0.457 W/kg; SAR (10g) = 0.136 W/kg;

**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) = 0.505 W/kg; SAR (10g) = 0.145 W/kg;

psAPD (4.0cm<sup>2</sup>, sq) = 3.37[W/m<sup>2</sup>]



## 02\_WLAN6GHz\_802.11ax-HE160 MCS0\_Back\_10mm\_Ch15

Communication System: U-NII-5; Frequency: 6025.000

Medium: HSL. Medium parameters used:  $f=6025.000$  MHz;  $\sigma=5.55$  S/m;  $\epsilon_r=35.4$

Ambient Temperature: 23.3°C; Liquid Temperature: 22.8°C

DASY6 Configuration:

- Probe: EX3DV4 - SN7706; ConvF(5.85, 5.85, 5.85); Calibrated: 2023-01-26
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1303; Calibrated: 2022-11-24
- Phantom: Twin-SAM V8.0 (30deg probe tilt); 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

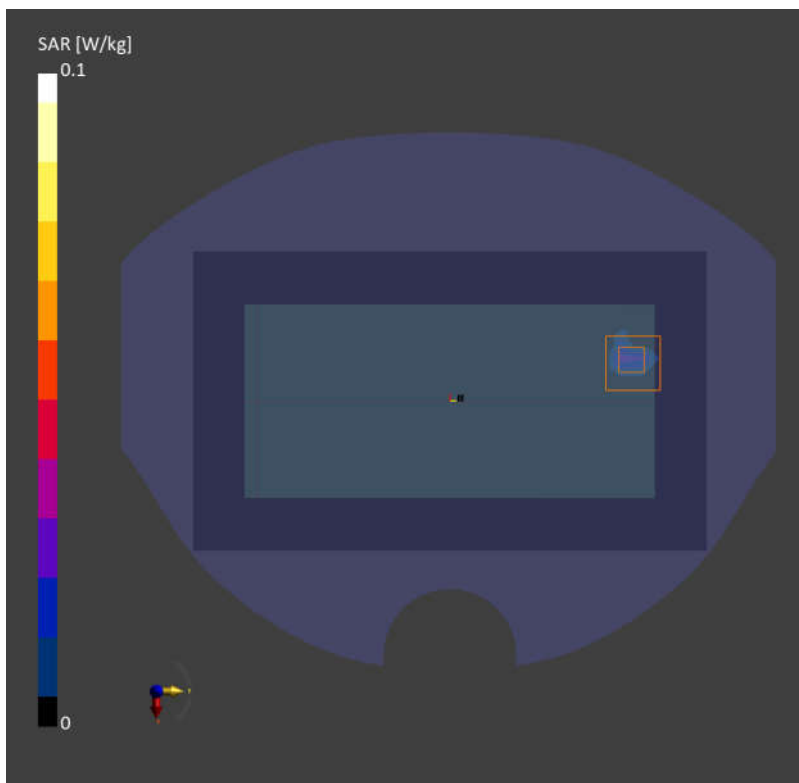
SAR (1g) = 0.021 W/kg; SAR (10g) = 0.003 W/kg;

**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) = 0.024 W/kg; SAR (10g) = 0.005 W/kg;

psAPD (4.0cm<sup>2</sup>, sq) = 0.127[W/m<sup>2</sup>]



### 03\_WLAN6GHz\_802.11ax-HE160 MCS0\_Top Side\_0mm\_Ch111

Communication System: U-NII-6; Frequency: 6505.000

Medium: HSL. Medium parameters used:  $f=6505.000$  MHz;  $\sigma=6.14$  S/m;  $\epsilon_r=34.6$

Ambient Temperature: 23.3°C; Liquid Temperature: 22.8°C

DASY6 Configuration:

- Probe: EX3DV4 - SN7706; ConvF(5.85, 5.85, 5.85); Calibrated: 2023-01-26
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1303; Calibrated: 2022-11-24
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2024
- Measurement Software: cDASY6 V6.6.0.13926

**Area Scan (51.0 mm x 119.0 mm):** Measurement Grid: 8.5 mm x 8.5 mm

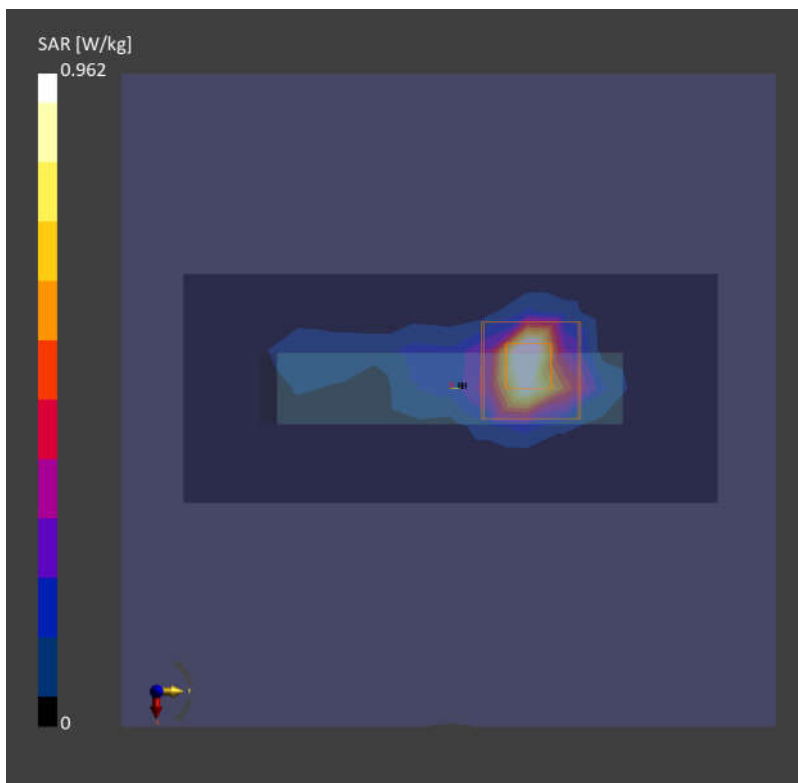
SAR (1g) = 0.820 W/kg; SAR (10g) = 0.225 W/kg;

**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) = 0.962 W/kg; SAR (10g) = 0.227 W/kg;

psAPD (4.0cm<sup>2</sup>, sq) = 5.41[W/m<sup>2</sup>]



01\_WLAN6GHz\_802.11ax-HE160 MCS0\_Top Side\_2mm\_Ch111

**Device Under Test Properties**

Model, Manufacturer	Dimensions [mm]	DUT Type
Device,	163.5 x 78.5 x 18.5	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-6	WLAN, 10743-AAC	6505.0, 111	1.0

**Hardware Setup**

Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
mmWave - 1065	Air -	EUmmWV4 - SN9553_F1-55GHz, 2022-09-09	DAE4 Sn1338, 2022-12-15

**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	2023-08-29
Avg. Area [cm <sup>2</sup> ]	4.00
psPDn+ [W/m <sup>2</sup> ]	1.91
psPDtot+ [W/m <sup>2</sup> ]	2.91
psPDmod+ [W/m <sup>2</sup> ]	5.34
E <sub>max</sub> [V/m]	59.3
Power Drift [dB]	0.12

