

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

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

Medium: HSL. Medium parameters used:  $f= 6505.0$  MHz;  $\sigma= 6.17$  S/m;  $\epsilon_r = 34.5$

Ambient Temperature: 23.3°C; Liquid Temperature: 22.6°C

DASY6 Configuration:

- Probe: EX3DV4 - SN7764; ConvF(5.5, 5.5, 5.5); Calibrated: 2022-09-30
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1691; Calibrated: 2022-12-12
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2074
- Measurement Software: cDASY6 V6.6.0.13926

**Area Scan (102.0 mm x 204.0 mm):** Measurement Grid: 8.5 mm x 8.5 mm

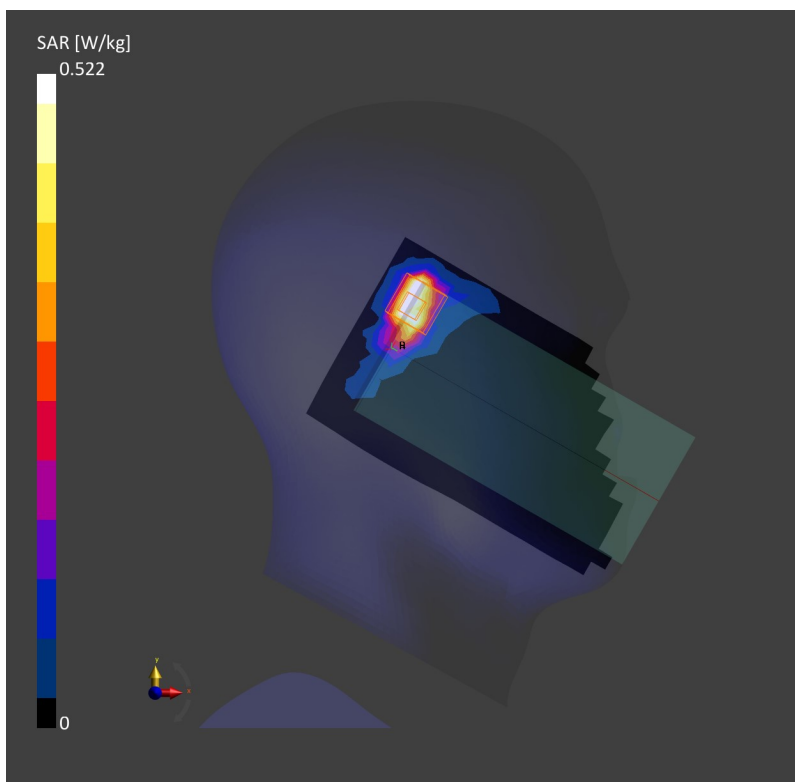
SAR (1g) = 0.478 W/kg; SAR (10g) = 0.164 W/kg;

**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 = -0.14 dB

SAR (1g) = 0.522 W/kg; SAR (10g) = 0.160 W/kg;

psAPD (4.0cm<sup>2</sup>, sq) = 3.64 [W/m<sup>2</sup>];



## 02\_WLAN6GHz\_802.11ax-HE160 MCS0\_Back\_15mm\_Ch111

Communication System: U-NII-8; Frequency: 6505.0

Medium: HSL. Medium parameters used:  $f= 6505.0$  MHz;  $\sigma= 6.717$  S/m;  $\epsilon_r = 34.5$

Ambient Temperature: 23.3°C; Liquid Temperature: 22.6°C

DASY6 Configuration:

- Probe: EX3DV4 - SN7764; ConvF(5.5, 5.5, 5.5); Calibrated: 2022-09-30
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1691; Calibrated: 2022-12-12
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2074
- 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

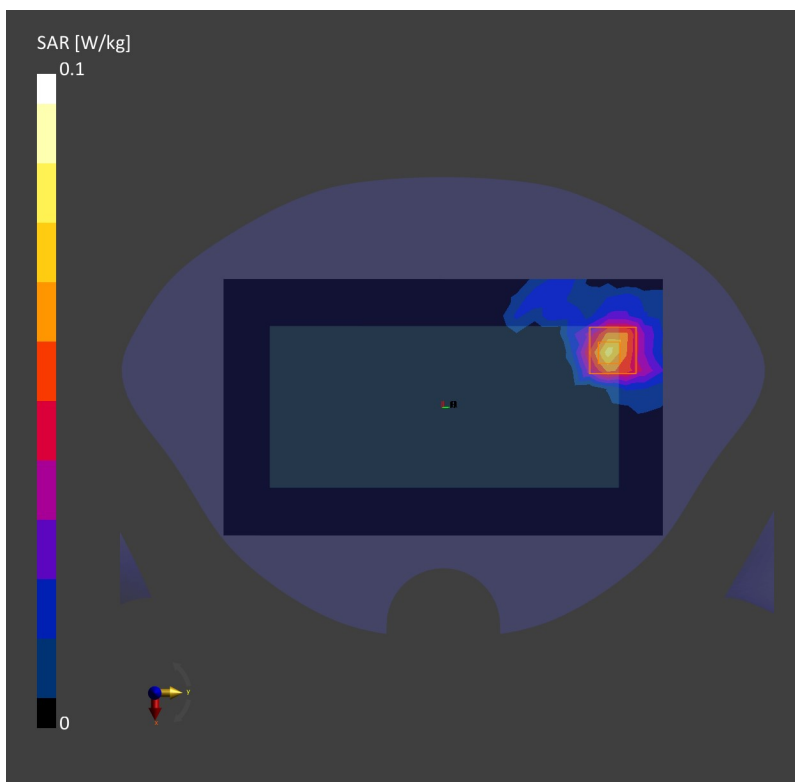
SAR (1g) = 0.069 W/kg; SAR (10g) = 0.026 W/kg;

**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) = 0.068 W/kg; SAR (10g) = 0.023 W/kg;

psAPD (4.0cm<sup>2</sup>, sq) = 0.535 [W/m<sup>2</sup>];



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

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

Medium: HSL. Medium parameters used:  $f= 6505.0$  MHz;  $\sigma= 6.17$  S/m;  $\epsilon_r = 34.5$

Ambient Temperature: 23.3°C; Liquid Temperature: 22.6°C

DASY6 Configuration:

- Probe: EX3DV4 - SN7764; ConvF(5.5, 5.5, 5.5); Calibrated: 2022-09-30
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1691; Calibrated: 2022-12-12
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2074
- Measurement Software: cDASY6 V6.6.0.13926

**Area Scan (48.0 mm x 119.0 mm):** Measurement Grid: 8.0 mm x 8.5 mm

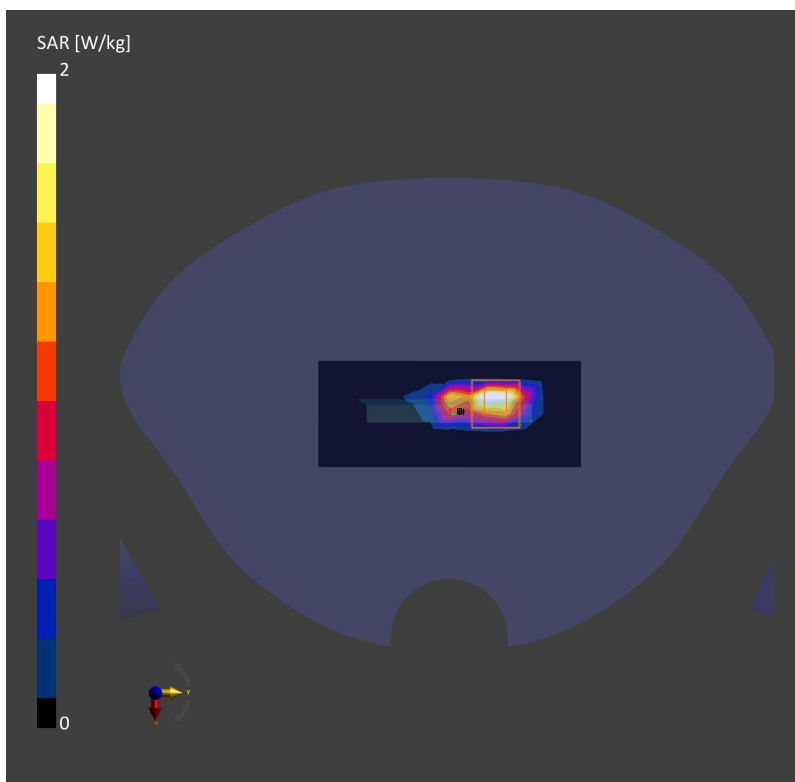
SAR (1g) = 1.69 W/kg; SAR (10g) = 0.475 W/kg;

**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 = -0.06 dB

SAR (1g) = 2.00 W/kg; SAR (10g) = 0.502 W/kg;

psAPD (4.0cm<sup>2</sup>, sq) = 11.7 [W/m<sup>2</sup>];



**Device Under Test Properties**

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
Device,	162.5 x 76.5 x 12.5		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 Sn1356, 2022-06-30

**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	2023-06-05
Avg. Area [cm <sup>2</sup> ]	4.00
psPDn+ [W/m <sup>2</sup> ]	2.31
psPDtot+ [W/m <sup>2</sup> ]	3.55
psPDmod+ [W/m <sup>2</sup> ]	11.2
E <sub>max</sub> [V/m]	100
Power Drift [dB]	0.04

