

## 01\_WLAN6GHz\_802.11ax-HE160 MCS0\_Left Cheek\_0mm\_Ch47

Communication System: U-NII-5; Frequency: 6185.0

Medium: HSL. Medium parameters used:  $f= 6185.0$  MHz;  $\sigma= 5.77$  S/m;  $\epsilon_r = 34.5$

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

DASY6 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(5.55, 5.55, 5.55); Calibrated: 2022-12-14
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1691; Calibrated: 2022-12-12
- Phantom: Twin-SAM 1; Type: SAM Twin; Serial: 2024
- Measurement Software: cDASY6 V6.6.0.13926
- UID: WLAN, 10743-AAC

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

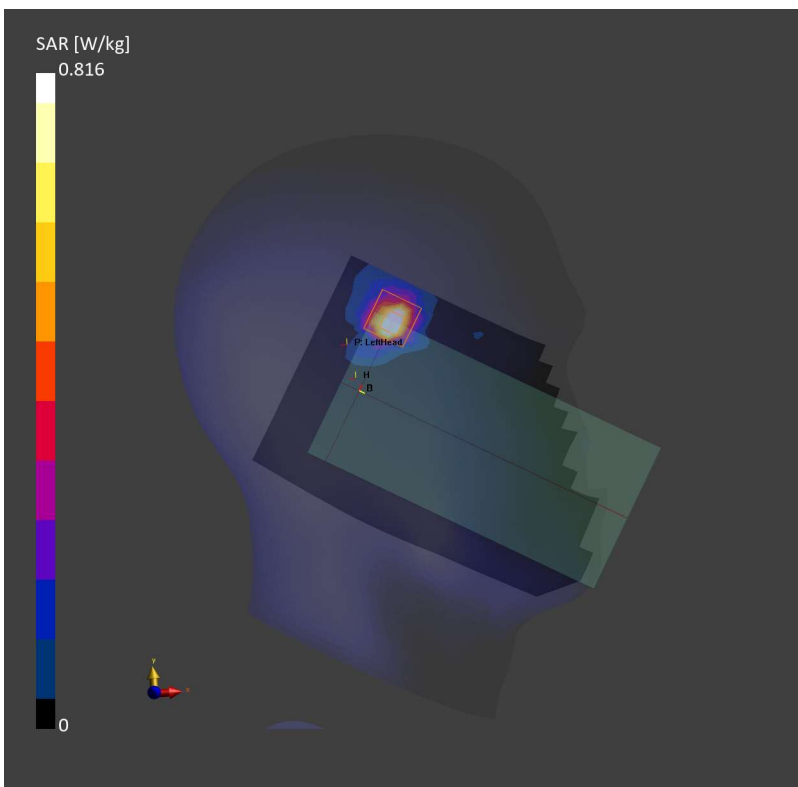
SAR (1g) = 0.732 W/kg; SAR (10g) = 0.216 W/kg;

**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) = 0.816 W/kg; SAR (10g) = 0.232 W/kg;

psAPD (4.0cm<sup>2</sup>, sq) = 5.42 [W/m<sup>2</sup>];



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

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

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

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

DASY6 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(5.55, 5.55, 5.55); Calibrated: 2022-12-14
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1691; Calibrated: 2022-12-12
- Phantom: Twin-SAM 1; Type: SAM Twin; Serial: 2024
- Measurement Software: cDASY6 V6.6.0.13926
- UID: WLAN, 10743-AAC

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

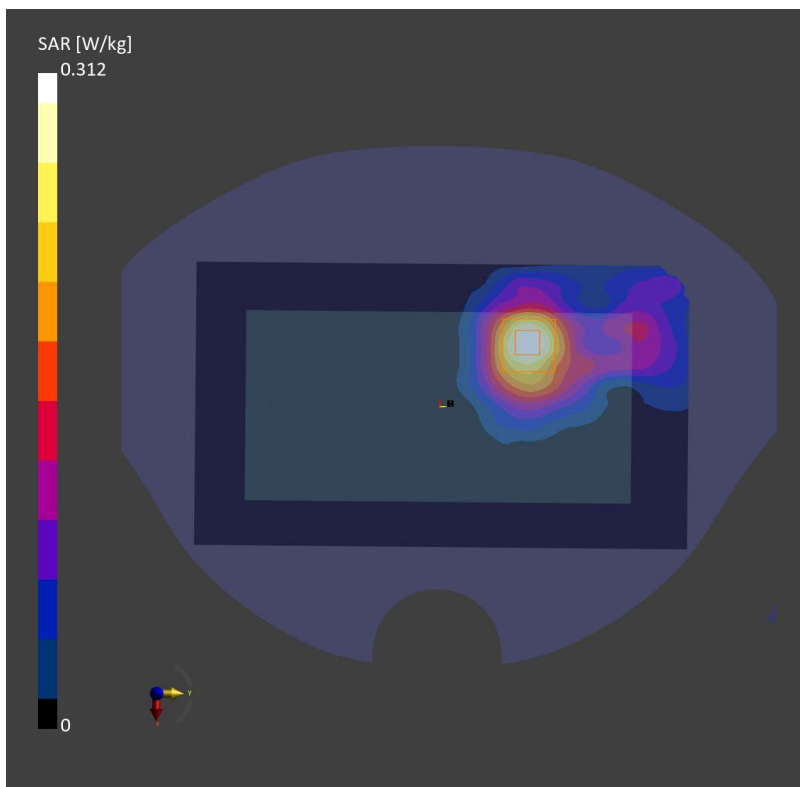
SAR (1g) = 0.313 W/kg; SAR (10g) = 0.129 W/kg;

**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) = 0.312 W/kg; SAR (10g) = 0.127 W/kg;

psAPD (4.0cm<sup>2</sup>, sq) = 2.83 [W/m<sup>2</sup>];



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

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

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

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

DASY6 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(5.55, 5.55, 5.55); Calibrated: 2022-12-14
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1691; Calibrated: 2022-12-12
- Phantom: Twin-SAM 1; Type: SAM Twin; Serial: 2024
- Measurement Software: cDASY6 V6.6.0.13926
- UID: WLAN, 10743-AAC

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

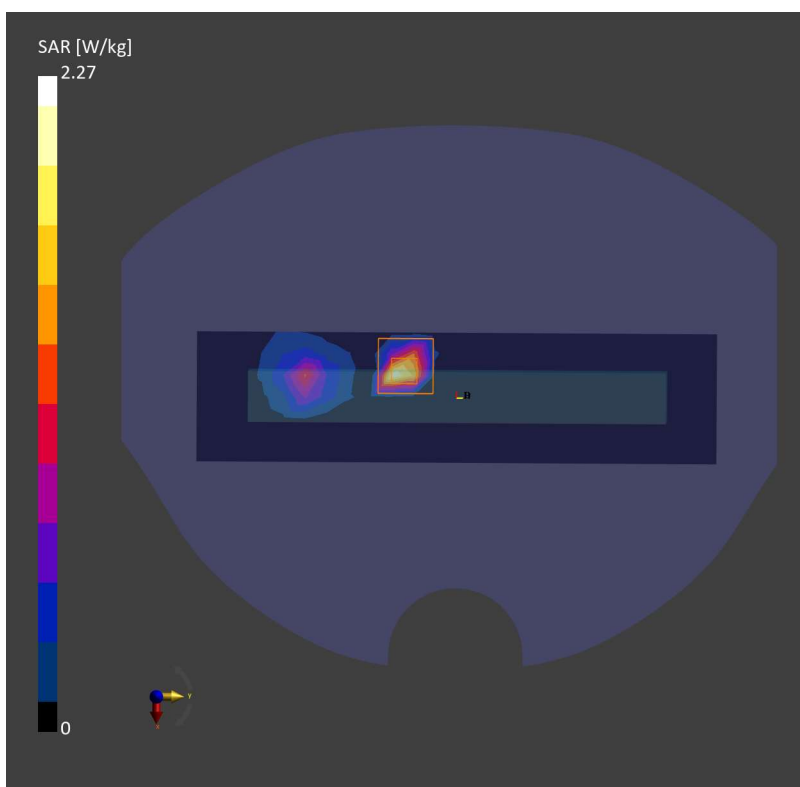
SAR (1g) = 1.96 W/kg; SAR (10g) = 0.502 W/kg;

**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 = 0.03 dB

SAR (1g) = 2.27 W/kg; SAR (10g) = 0.527 W/kg;

psAPD (4.0cm<sup>2</sup>, sq) = 12.6 [W/m<sup>2</sup>];



01\_WLAN6GHz\_802.11ax-HE160 MCS0\_Front\_2mm\_Ch47

### Device Under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
Device,	166.0 x 76.0 x 18.0		Phone

### Exposure Conditions

Phantom Section	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor
5G	FRONT, 2.00	U-NII-5	WLAN, 10743-AAC	6185.0, 47	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	2023-03-27
Avg. Area [cm <sup>2</sup> ]	4.00
psPDn+ [W/m <sup>2</sup> ]	4.34
psPDtot+ [W/m <sup>2</sup> ]	4.45
psPDmod+ [W/m <sup>2</sup> ]	5.71
E <sub>max</sub> [V/m]	60.8
Power Drift [dB]	0.03

