

## 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

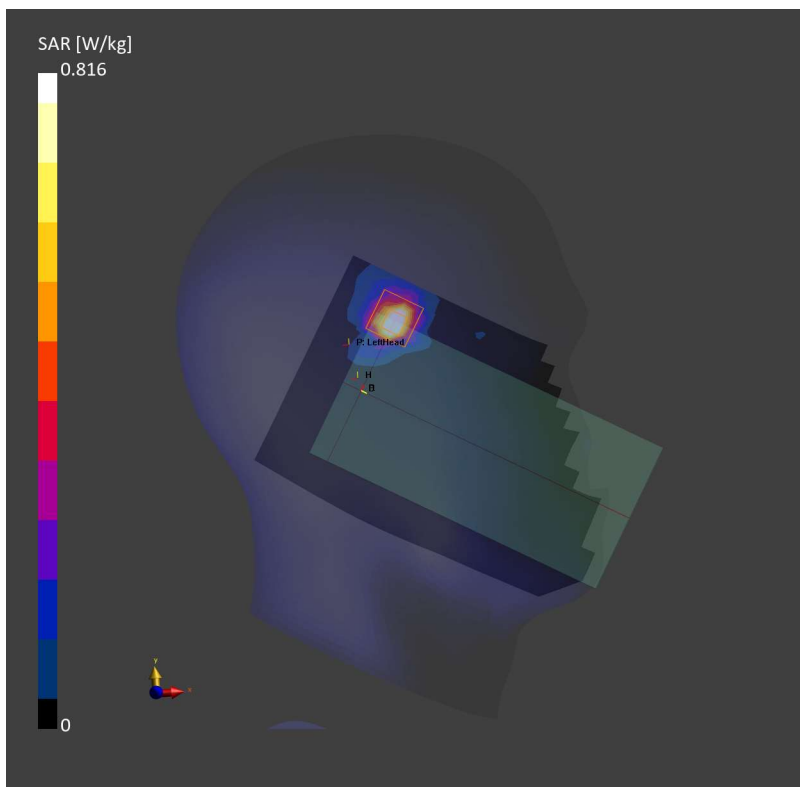
SAR (1g) = 0.732 W/kg; SAR (10g) = 0.216 W/kg;

**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

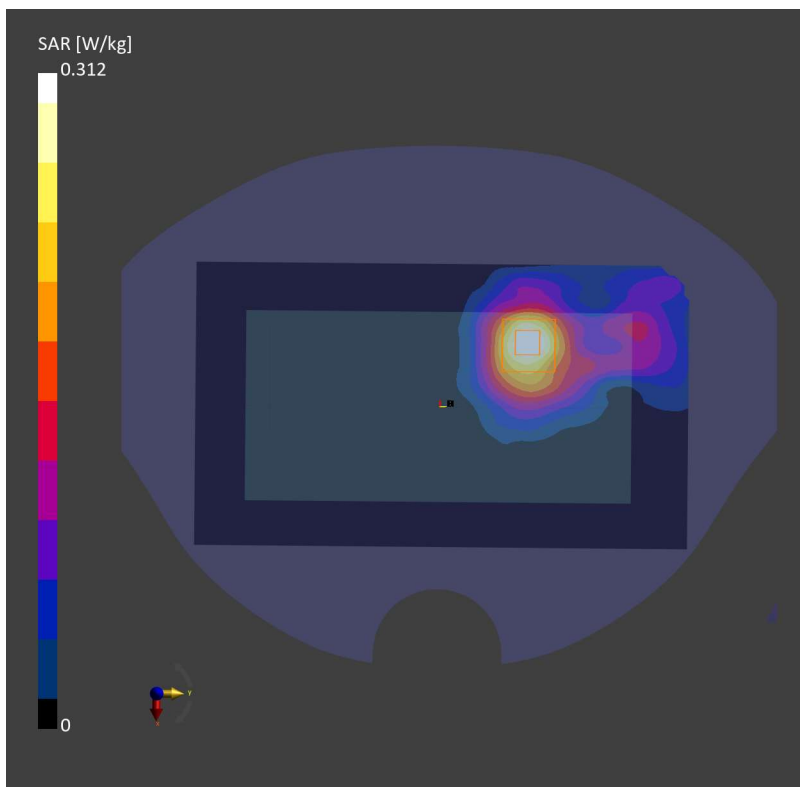
SAR (1g) = 0.313 W/kg; SAR (10g) = 0.129 W/kg;

**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

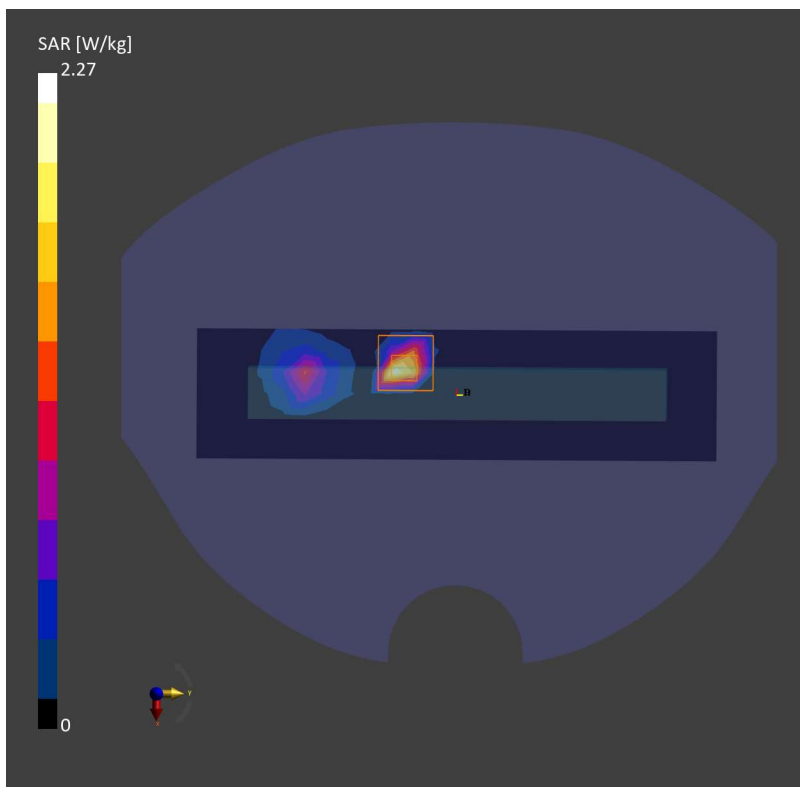
SAR (1g) = 1.96 W/kg; SAR (10g) = 0.502 W/kg;

**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       |

