

## 01\_WLAN6GHz\_802.11ax-HE80 MCS0\_Left Cheek\_0mm\_Ch7

Communication System: U-NII-5; Frequency: 5985.0

Medium: HSL. Medium parameters used:  $f = 5985.0$  MHz;  $\sigma = 5.56$  S/m;  $\epsilon_r = 34.6$

Ambient Temperature: 23.2°C; Liquid Temperature: 22.8°C

DASY6 Configuration:

- Probe: EX3DV4 - SN7734; ConvF(5.5, 5.5, 5.5); Calibrated: 2022-06-17
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1691; Calibrated: 2022-12-12
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2024
- Measurement Software: cDASY6 V6.6.0.13926

**Area Scan (120.0 mm x 200.0 mm):** Measurement Grid: 8.5 mm x 8.5 mm

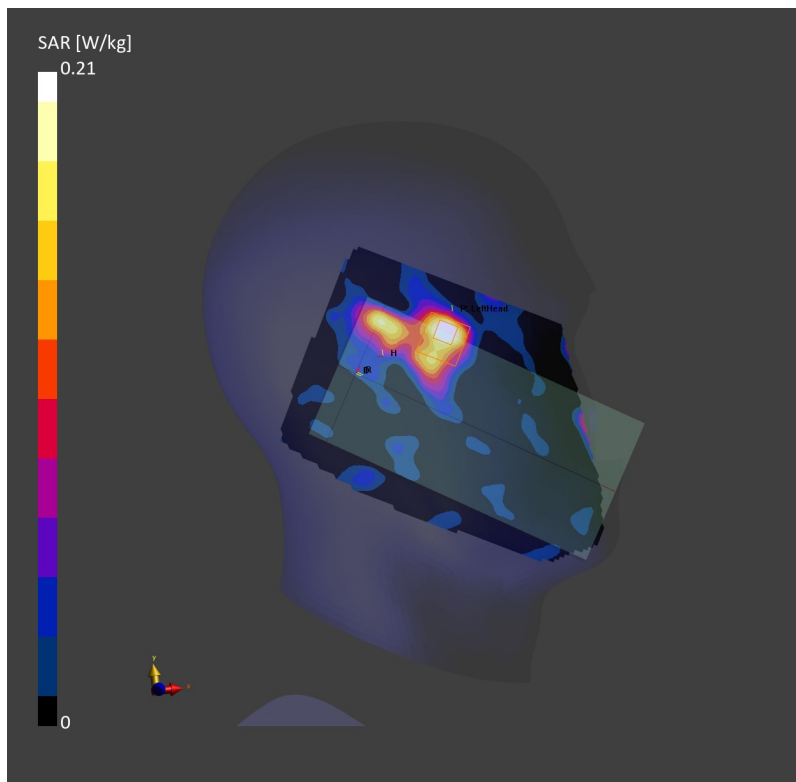
SAR (1g) = 0.193 W/kg; SAR (10g) = 0.070 W/kg;

**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) = 0.210 W/kg; SAR (10g) = 0.063 W/kg;

psAPD (4.0cm<sup>2</sup>, sq) = 1.47 [W/m<sup>2</sup>];



## 02\_WLAN6GHz\_802.11ax-HE80 MCS0\_Back\_5mm\_Ch7

Communication System: U-NII-5; Frequency: 5985.0

Medium: HSL. Medium parameters used:  $f = 5985.0$  MHz;  $\sigma = 5.56$  S/m;  $\epsilon_r = 34.6$

Ambient Temperature: 23.2°C; Liquid Temperature: 22.8°C

DASY6 Configuration:

- Probe: EX3DV4 - SN7734; ConvF(5.5, 5.5, 5.5); Calibrated: 2022-06-17
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1691; Calibrated: 2022-12-12
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2024
- Measurement Software: cDASY6 V6.6.0.13926

**Area Scan (120.0 mm x 200.0 mm):** Measurement Grid: 8.5 mm x 8.5 mm

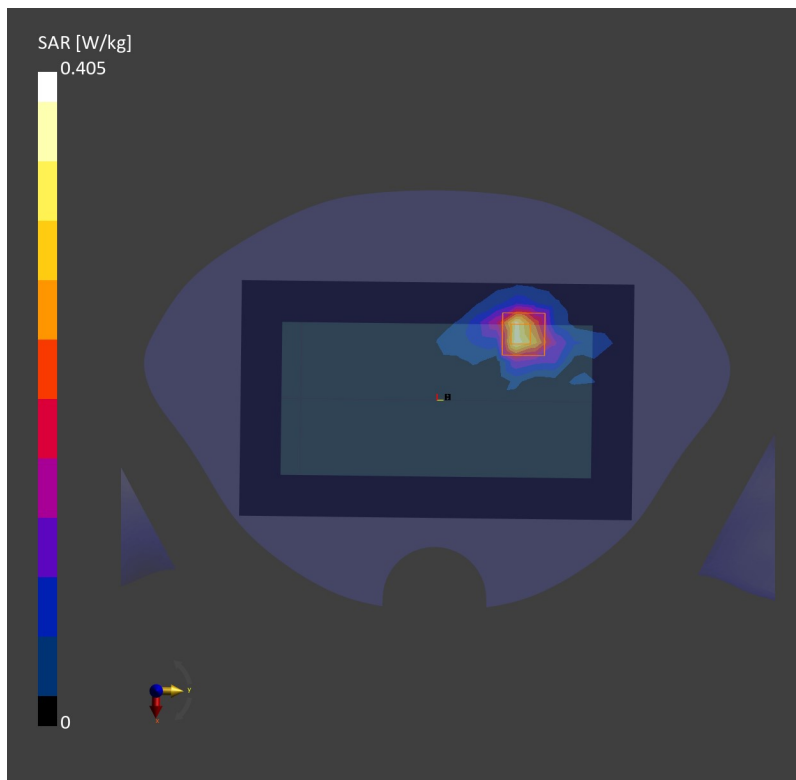
SAR (1g) = 0.295 W/kg; SAR (10g) = 0.102 W/kg;

**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) = 0.405 W/kg; SAR (10g) = 0.111 W/kg;

psAPD (4.0cm<sup>2</sup>, sq) = 2.59 [W/m<sup>2</sup>];



### 03\_WLAN6GHz\_802.11ax-HE80 MCS0\_Right Side\_0mm\_Ch7

Communication System: U-NII-5; Frequency: 5985.0

Medium: HSL. Medium parameters used:  $f = 5985.0$  MHz;  $\sigma = 5.56$  S/m;  $\epsilon_r = 34.6$

Ambient Temperature: 23.2°C; Liquid Temperature: 22.8°C

DASY6 Configuration:

- Probe: EX3DV4 - SN7734; ConvF(5.5, 5.5, 5.5); Calibrated: 2022-06-17
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1691; Calibrated: 2022-12-12
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2024
- Measurement Software: cDASY6 V6.6.0.13926

**Area Scan (48.0 mm x 200.0 mm):** Measurement Grid: 8.5 mm x 8.5 mm

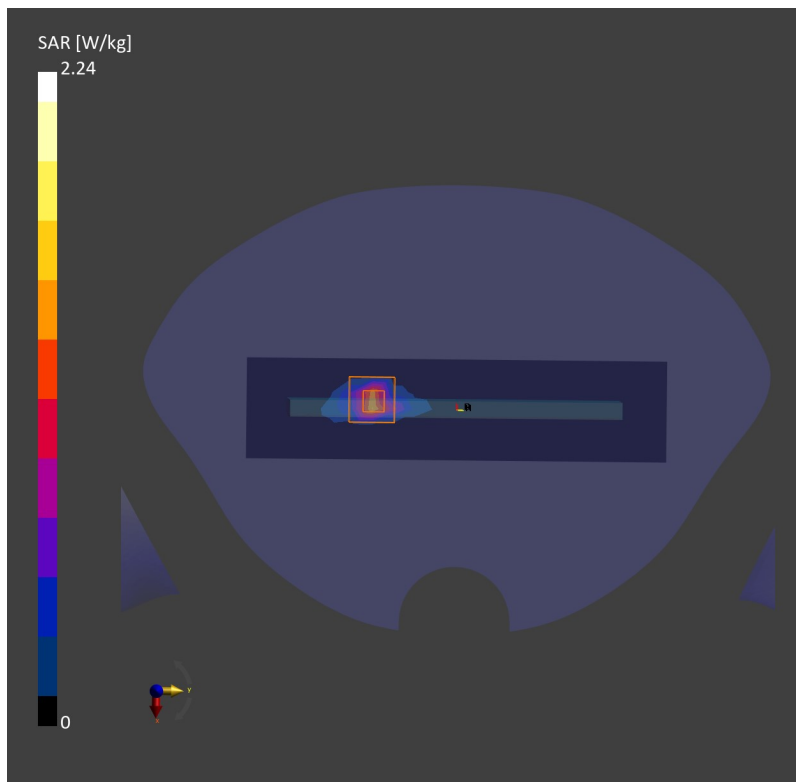
SAR (1g) = 1.13 W/kg; SAR (10g) = 0.287 W/kg;

**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) = 2.24 W/kg; SAR (10g) = 0.443 W/kg;

psAPD (4.0cm<sup>2</sup>, sq) = 10.6 [W/m<sup>2</sup>];



Device Under Test Properties

| Model, Manufacturer | Dimensions [mm]     | IMEI | DUT Type |
|---------------------|---------------------|------|----------|
| Device,             | 159.0 x 74.0 x 12.0 |      | Phone    |

Exposure Conditions

| Phantom Section | Position, Test Distance [mm] | Band    | Group, UID      | Frequency [MHz], Channel Number | Conversion Factor |
|-----------------|------------------------------|---------|-----------------|---------------------------------|-------------------|
| 5G              | EDGE RIGHT, 2.00             | U-NII-5 | WLAN, 10719-AAC | 5985.0, 7                       | 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                         | 2023-04-05 |
| Avg. Area [cm <sup>2</sup> ] | 4.00       |
| psPDn+ [W/m <sup>2</sup> ]   | 2.39       |
| psPDtot+ [W/m <sup>2</sup> ] | 2.86       |
| psPDmod+ [W/m <sup>2</sup> ] | 4.73       |
| E <sub>max</sub> [V/m]       | 59.1       |
| Power Drift [dB]             | -0.03      |

