

## 01\_WLAN6GHz\_802.11ax-HE160 MCS0\_Left Cheek\_Ch15

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

Medium: HSL. Medium parameters used:  $f = 6025.0$  MHz;  $\sigma = 5.51$  S/m;  $\epsilon_r = 35.0$

Ambient Temperature: 23.7°C; Liquid Temperature: 22.7°C

DASY6 Configuration:

- Probe: EX3DV4 - SN3975; ConvF(5.12, 5.53, 5.57); Calibrated: 2023/06/22
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn715; Calibrated: 2023/01/23
- Phantom: Twin-SAM V5.0 (30deg probe tilt); Serial: 1670; Section: LeftHead
- Measurement Software: cDASY6 V16.0.0.116
- UID: WLAN, 10743-AAC

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

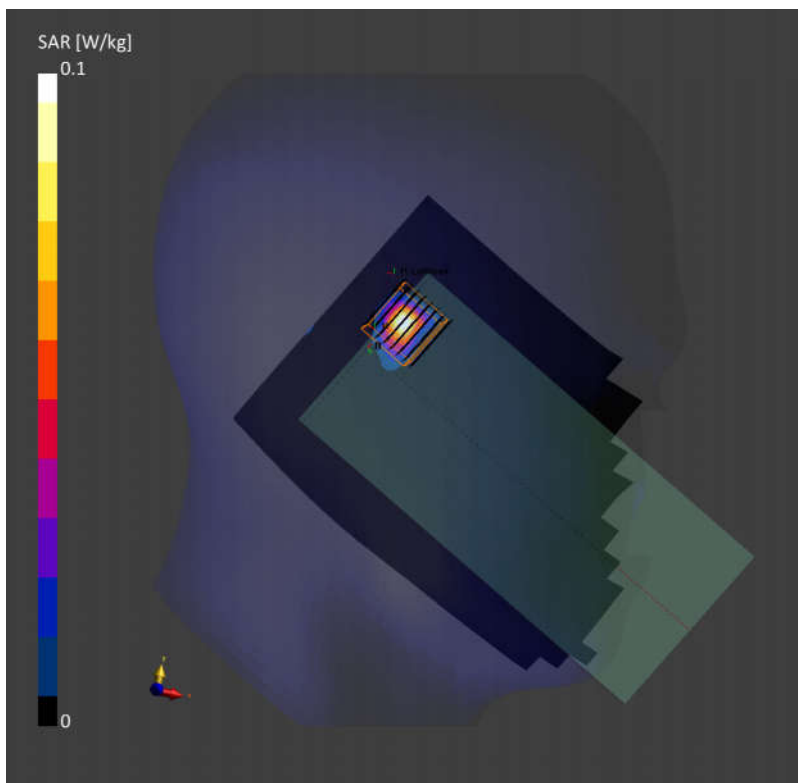
SAR (1g) = 0.061 W/kg; SAR (10g) = 0.014 W/kg;

**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 = -0.11 dB

SAR (1g) = 0.075 W/kg; SAR (10g) = 0.017 W/kg;

psAPD (4.0cm<sup>2</sup>, sq) = 0.392 [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;  $\sigma = 5.51$  S/m;  $\epsilon_r = 35.0$

Ambient Temperature: 23.7°C; Liquid Temperature: 22.7°C

DASY6 Configuration:

- Probe: EX3DV4 - SN3975; ConvF(5.12, 5.53, 5.57); Calibrated: 2023/06/22
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn715; Calibrated: 2023/01/23
- Phantom: Twin-SAM V5.0 (30deg probe tilt); Serial: 1670; Section: Flat
- Measurement Software: cDASY6 V16.0.0.116
- UID: WLAN, 10755-AAC

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

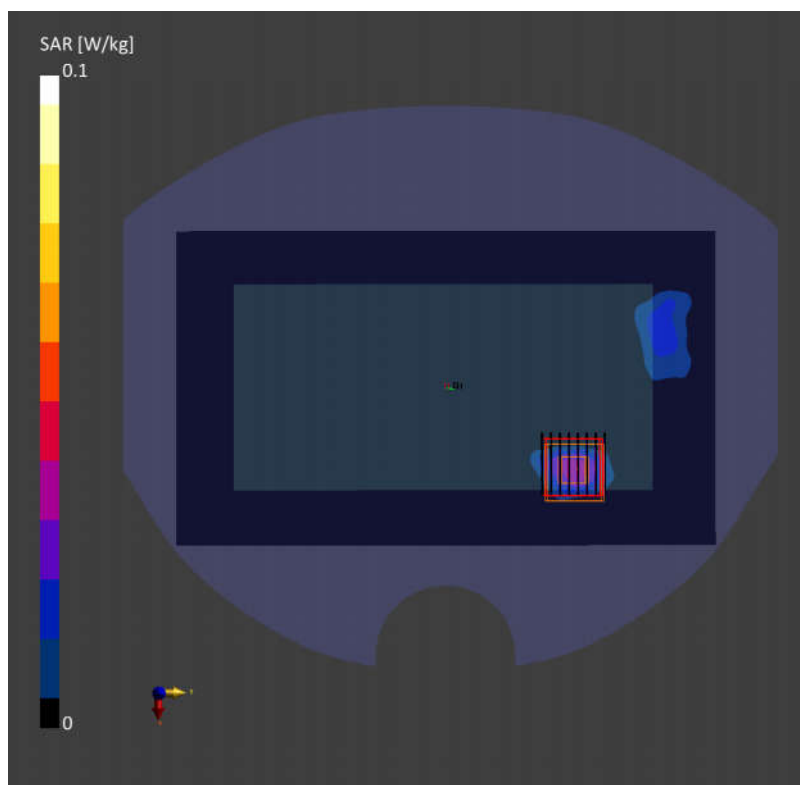
SAR (1g) = 0.029 W/kg; SAR (10g) = 0.008 W/kg;

**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) = 0.037 W/kg; SAR (10g) = 0.012 W/kg;

psAPD (4.0cm<sup>2</sup>, sq) = 0.283 [W/m<sup>2</sup>]



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

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

Medium: HSL. Medium parameters used:  $f = 6025.0$  MHz;  $\sigma = 5.51$  S/m;  $\epsilon_r = 35.0$

Ambient Temperature: 23.7°C; Liquid Temperature: 22.7°C

DASY6 Configuration:

- Probe: EX3DV4 - SN3975; ConvF(5.12, 5.53, 5.57); Calibrated: 2023/06/22
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn715; Calibrated: 2023/01/23
- Phantom: Twin-SAM V5.0 (30deg probe tilt); Serial: 1670; Section: Flat
- Measurement Software: cDASY6 V16.0.0.116
- UID: WLAN, 10755-AAC

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

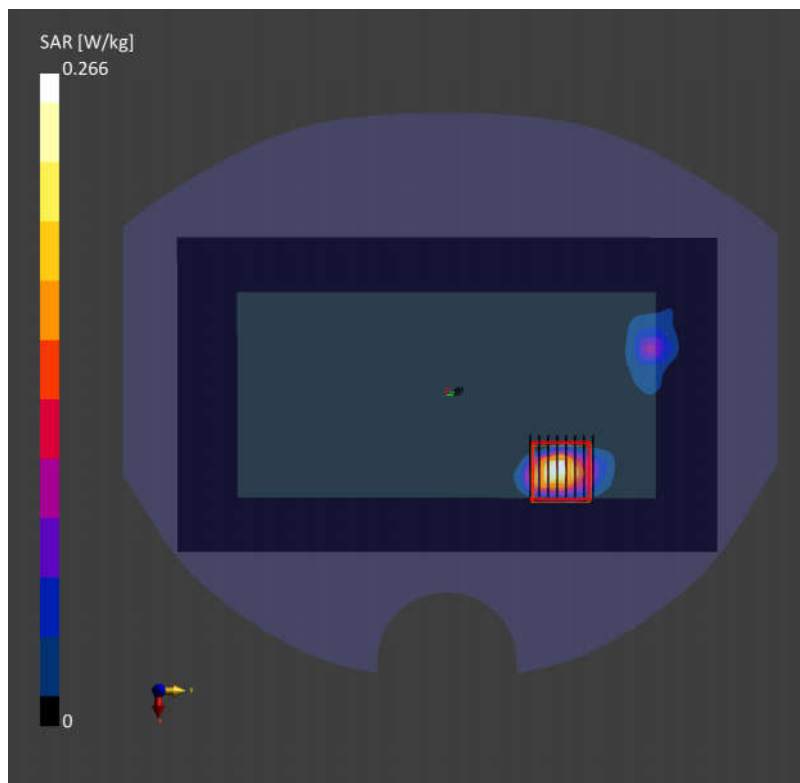
SAR (1g) = 0.207 W/kg; SAR (10g) = 0.055 W/kg;

**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) = 0.266 W/kg; SAR (10g) = 0.060 W/kg;

psAPD (4.0cm<sup>2</sup>, sq) = 1.43 [W/m<sup>2</sup>]



Device Under Test Properties

| Model, Manufacturer | Dimensions [mm]    | IMEI | DUT Type |
|---------------------|--------------------|------|----------|
| Device,             | 164.0 x 75.0 x 8.0 |      | Phone    |

Exposure Conditions

| Phantom Section | Position, Test Distance [mm] | Band    | Group, UID      | Frequency [MHz], Channel Number | Conversion Factor |
|-----------------|------------------------------|---------|-----------------|---------------------------------|-------------------|
| 5G              | BACK, 2.00                   | U-NII-5 | WLAN, 10755-AAC | 6025.0, 15                      | 1.0               |

Hardware Setup

| Phantom | Medium | Probe, Calibration Date               | DAE, Calibration Date  |
|---------|--------|---------------------------------------|------------------------|
| mmWave  | Air -  | EUmmWV4 - SN9432_F1-55GHz, 2023-01-23 | DAE4 Sn715, 2023-01-23 |

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                         | 2023-09-22 |
| Avg. Area [cm <sup>2</sup> ] | 4.00       |
| psPDn+ [W/m <sup>2</sup> ]   | 1.42       |
| psPDtot+ [W/m <sup>2</sup> ] | 1.54       |
| psPDmod+ [W/m <sup>2</sup> ] | 1.67       |
| E <sub>max</sub> [V/m]       | 39.2       |
| Power Drift [dB]             | 0.18       |

