

Date: 2026-07-01

**01\_WLAN6GHz\_802.11ax-HE160 MCS0\_Right Tilted\_Ch175**

Communication System: WiFi (802.11ax): HE160, MCS0 (72.0 Mbps), 98.0% DC; Frequency: 6825.000 MHz; Duty Cycle: 1:1.007

Medium: Head Simulating Liquid Medium parameters used:  $f = 6825.000$  MHz;  $\sigma = 6.39$  S/m;  $\epsilon_r = 33.6$

Ambient Temperature: 23.6°C; Liquid Temperature: 22.3°C

DASY6 Configuration:

- Probe: EX3DV4 - SN7576; ConvF(5.38, 4.99, 5.19); Calibrated: 2026-05-26
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn715; Calibrated: 2025-11-28
- Phantom: Twin-SAM V5.0 (30deg probe tilt); Serial: 1670; Section: RightHead
- Measurement Software: 18.0.0.7250
- UID: WiFi (802.11ax), 10755-

**Area Scan (119.0 mm x 187.0 mm):** Measurement Grid: 8.5 mm x 8.5 mm

SAR (1g) = 0.023 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

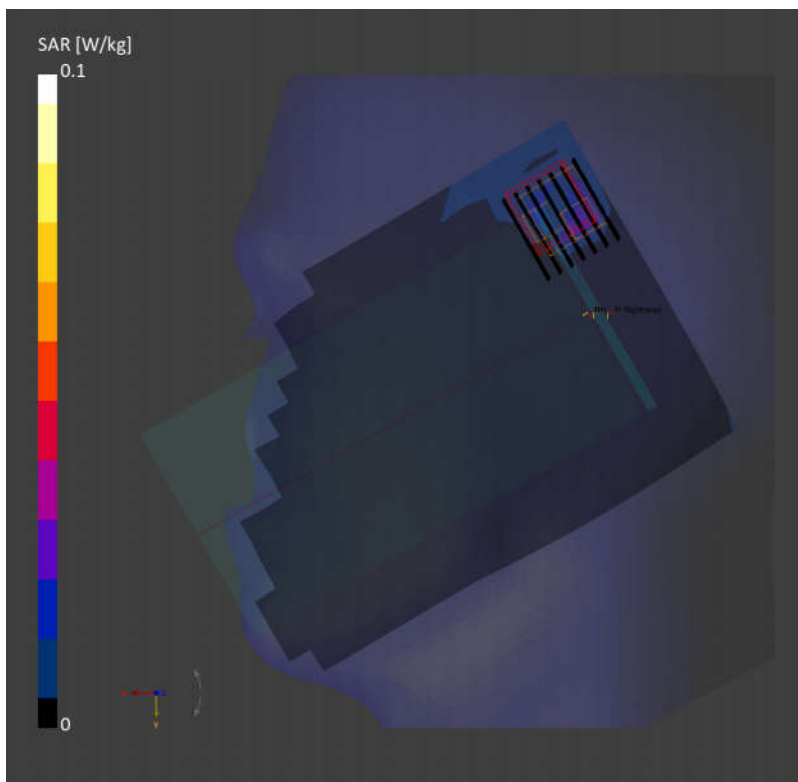
Power Drift = 0.09 dB

SAR (1g) = 0.017 W/kg; SAR (10g) = 0.004 W/kg

Smallest distance from peaks to all points 3 dB below = 3.8 mm

Ratio of SAR at M2 to SAR at M1 = 63.1 %

psAPD (4.0cm<sup>2</sup>, sq) = 0.103 [W/m<sup>2</sup>]



Date: 2026-07-01

**02\_WLAN6GHz\_802.11ax-HE160 MCS0\_Back\_10mm\_Ch175**

Communication System: WiFi (802.11ax): HE160, MCS0 (72.0 Mbps), 98.0% DC; Frequency: 6825.000 MHz; Duty Cycle: 1:1.007

Medium: Head Simulating Liquid Medium parameters used:  $f = 6825.000$  MHz;  $\sigma = 6.39$  S/m;  $\epsilon_r = 33.6$

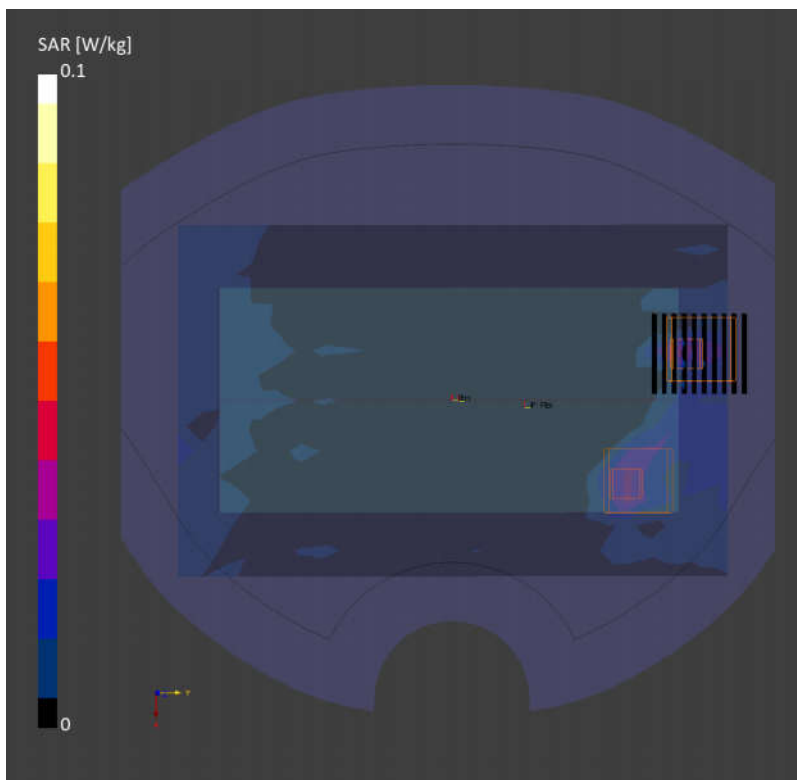
Ambient Temperature: 23.6°C; Liquid Temperature: 22.3°C

DASY6 Configuration:

- Probe: EX3DV4 - SN7576; ConvF(5.38, 4.99, 5.19); Calibrated: 2026-05-26
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn715; Calibrated: 2025-11-28
- Phantom: Twin-SAM V5.0 (30deg probe tilt); Serial: 1670; Section: Flat
- Measurement Software: 18.0.0.7250
- UID: WiFi (802.11ax), 10755-

**Area Scan (119.0 mm x 187.0 mm):** Measurement Grid: 8.5 mm x 8.5 mm  
SAR (1g) = 0.031 W/kg; SAR (10g) = 0.011 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 = -0.15 dB  
SAR (1g) = 0.012 W/kg; SAR (10g) = 0.002 W/kg  
Smallest distance from peaks to all points 3 dB below = 3.8 mm  
Ratio of SAR at M2 to SAR at M1 = 73.5 %  
psAPD (4.0cm<sup>2</sup>, sq) = 0.044 [W/m<sup>2</sup>]



Date: 2026-07-01

**03\_WLAN6GHz\_802.11ax-HE160 MCS0\_Back\_0mm\_Ch79**

Communication System: WiFi (802.11ax): HE160, MCS0 (72.0 Mbps), 98.0% DC; Frequency: 6345.000 MHz; Duty Cycle: 1:1.007

Medium: Head Simulating Liquid Medium parameters used:  $f = 6345.000$  MHz;  $\sigma = 5.77$  S/m;  $\epsilon_r = 34.5$

Ambient Temperature: 23.6°C; Liquid Temperature: 22.3°C

DASY6 Configuration:

- Probe: EX3DV4 - SN7576; ConvF(5.38, 4.99, 5.19); Calibrated: 2026-05-26
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn715; Calibrated: 2025-11-28
- Phantom: Twin-SAM V5.0 (30deg probe tilt); Serial: 1670; Section: Flat
- Measurement Software: 18.0.0.7250
- UID: WiFi (802.11ax), 10755-

**Area Scan (119.0 mm x 187.0 mm):** Measurement Grid: 8.5 mm x 8.5 mm

SAR (1g) = 0.153 W/kg; SAR (10g) = 0.038 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

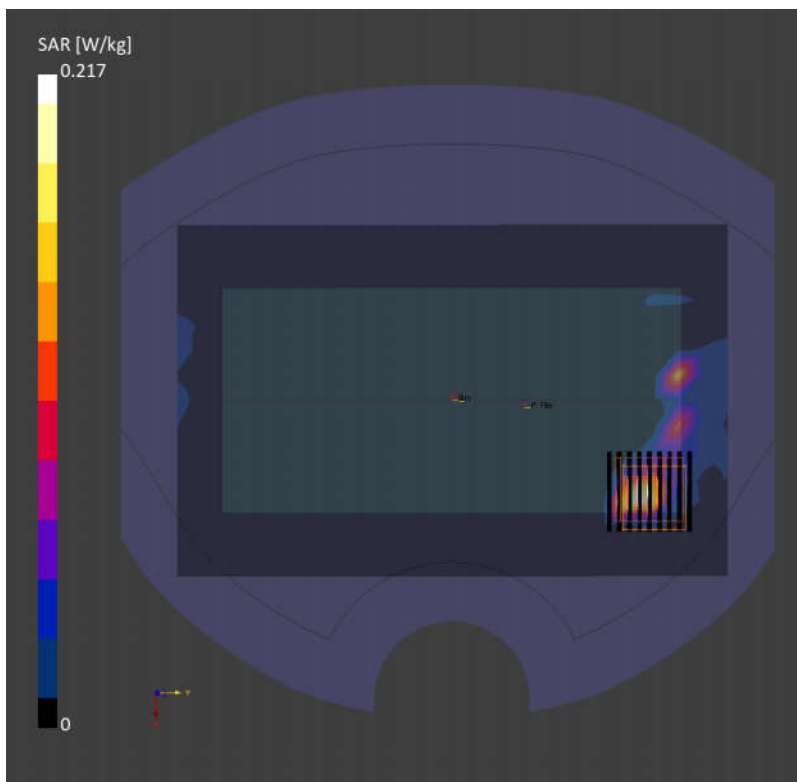
Power Drift = -0.09 dB

SAR (1g) = 0.217 W/kg; SAR (10g) = 0.037 W/kg

Smallest distance from peaks to all points 3 dB below = 3.7 mm

Ratio of SAR at M2 to SAR at M1 = 52.0 %

psAPD (4.0cm<sup>2</sup>, sq) = 0.887 [W/m<sup>2</sup>]



01\_WLAN6GHz\_802.11ax-HE160 MCS0\_Back\_2mm\_Ch79

Device Under Test Properties

| Model, Manufacturer | Dimensions [mm]     | IMEI | DUT Type |
|---------------------|---------------------|------|----------|
| Device,             | 156.0 x 75.0 x 12.0 |      | 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 | 6345.0, 79                      | 1.0               |

Hardware Setup

| Phantom | Medium | Probe, Calibration Date               | DAE, Calibration Date  |
|---------|--------|---------------------------------------|------------------------|
| mmWave  | Air -  | EUmmWV4 - SN9432_F1-55GHz, 2026-05-22 | DAE4 Sn715, 2025-11-28 |

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                         | 2026-07-07 |
| Avg. Area [cm <sup>2</sup> ] | 4.00       |
| psPDn+ [W/m <sup>2</sup> ]   | 0.994      |
| psPDtot+ [W/m <sup>2</sup> ] | 1.14       |
| psPDmod+ [W/m <sup>2</sup> ] | 1.31       |
| E <sub>max</sub> [V/m]       | 30.1       |
| Power Drift [dB]             | 0.18       |

