

Date: 2025-05-13

**01\_WLAN6GHz\_802.11be-EHT320 MCS0\_Left Cheek\_0mm\_Ch95**

Communication System: IEEE 802.11be (320MHz, MCS0, 99pc duty cycle)

Frequency: 6425.000 MHz; Duty Cycle: 1:1.167

Medium: Head Simulating Liquid Medium parameters used:  $f = 6425.000$  MHz;  $\sigma = 5.91$  S/m;  $\epsilon_r = 34.0$

Ambient Temperature: 23.3°C; Liquid Temperature: 22.8°C

**DASY6 Configuration:**

- Probe: EX3DV4 - SN7764; ConvF(5.74, 5.63, 5.69); Calibrated: 2024-09-02
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1649; Calibrated: 2024-07-03
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2024; Section: LeftHead
- Measurement Software: 16.4.0.5005
- UID: WLAN, 11026-AAB

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

SAR (1g) = 0.518 W/kg; SAR (10g) = 0.145 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

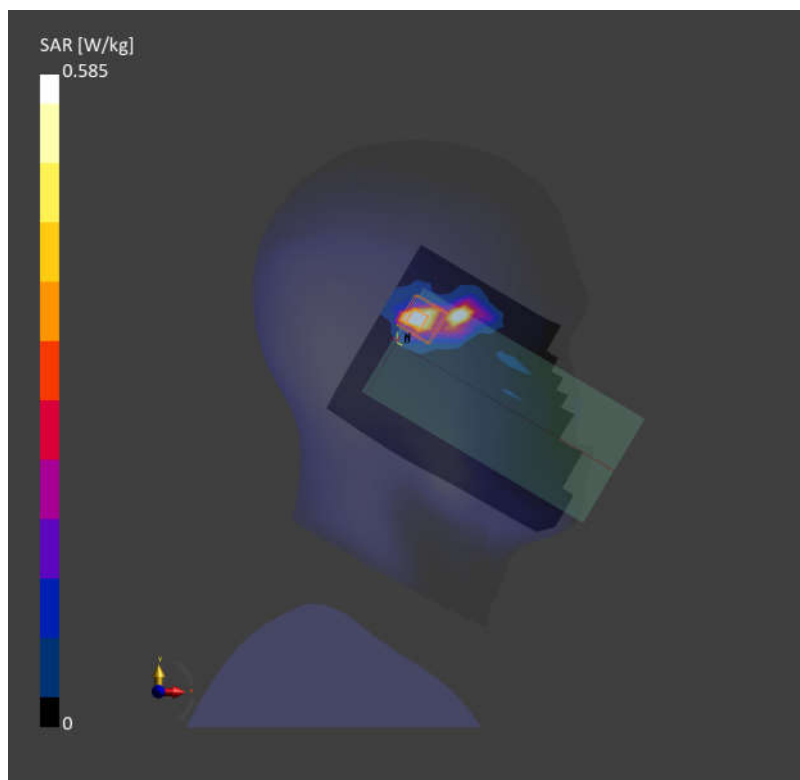
Power Drift = 0.08 dB

SAR (1g) = 0.585 W/kg; SAR (10g) = 0.160 W/kg

Smallest distance from peaks to all points 3 dB below = 4.6 mm

Ratio of SAR at M2 to SAR at M1 = 46.4 %

psAPD (4.0cm<sup>2</sup>, sq) = 3.53 [W/m<sup>2</sup>]



Date: 2025-05-13

**02\_WLAN6GHz\_802.11be-EHT320 MCS0\_Front\_5mm\_Ch31**

Communication System: IEEE 802.11be (320MHz, MCS0, 99pc duty cycle)

Frequency: 6105.000 MHz; Duty Cycle: 1:1.167

Medium: Head Simulating Liquid Medium parameters used:  $f = 6105.000$  MHz;  $\sigma = 5.67$  S/m;  $\epsilon_r = 34.7$

Ambient Temperature: 23.3°C; Liquid Temperature: 22.8°C

**DASY6 Configuration:**

- Probe: EX3DV4 - SN7764; ConvF(5.74, 5.63, 5.69); Calibrated: 2024-09-02
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1649; Calibrated: 2024-07-03
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2024; Section: Flat
- Measurement Software: 16.4.0.5005
- UID: WLAN, 11026-AAB

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

SAR (1g) = 0.314 W/kg; SAR (10g) = 0.108 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

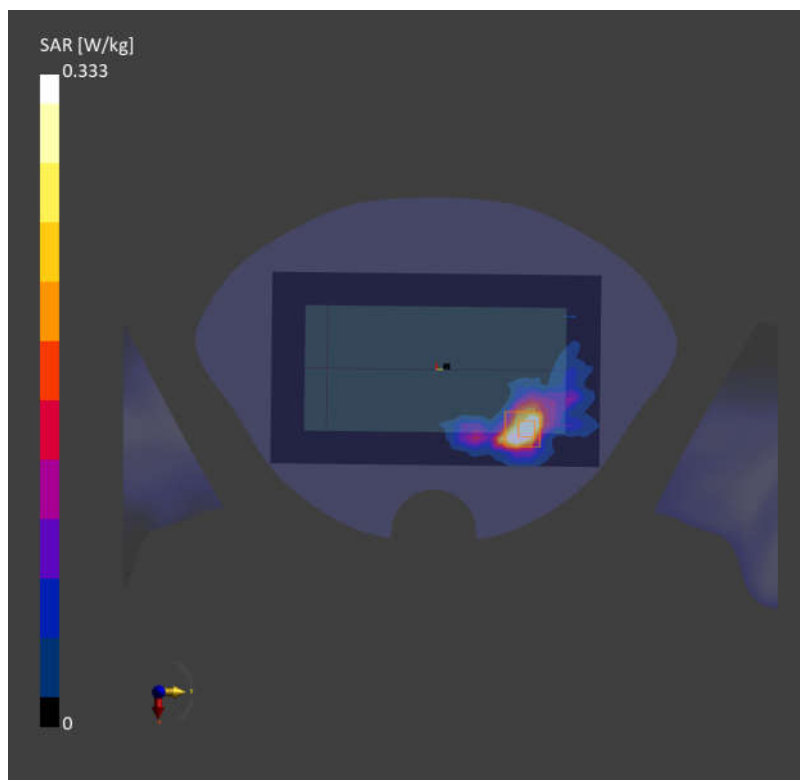
Power Drift = 0.07 dB

SAR (1g) = 0.333 W/kg; SAR (10g) = 0.113 W/kg

Smallest distance from peaks to all points 3 dB below = 7.1 mm

Ratio of SAR at M2 to SAR at M1 = 54.1 %

psAPD (4.0cm<sup>2</sup>, sq) = 2.55 [W/m<sup>2</sup>]



Date: 2025-05-13

**03\_WLAN6GHz\_802.11be-EHT320 MCS0\_Right Side\_0mm\_Ch31**

Communication System: IEEE 802.11be (320MHz, MCS0, 99pc duty cycle)

Frequency: 6105.000 MHz; Duty Cycle: 1:1

Medium: Head Simulating Liquid Medium parameters used:  $f = 6105.000$  MHz;  $\sigma = 5.64$  S/m;  $\epsilon_r = 34.6$

Ambient Temperature: 23.3°C; Liquid Temperature: 22.8°C

**DASY6 Configuration:**

- Probe: EX3DV4 - SN7764; ConvF(5.74, 5.63, 5.69); Calibrated: 2024-09-02
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1649; Calibrated: 2024-07-03
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2024; Section: Flat
- Measurement Software: 16.4.0.5005
- UID: WLAN, 11026-AAB

**Area Scan (51.0 mm x 187.0 mm):** Measurement Grid: 8.5 mm x 8.5 mm

SAR (1g) = 2.18 W/kg; SAR (10g) = 0.521 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

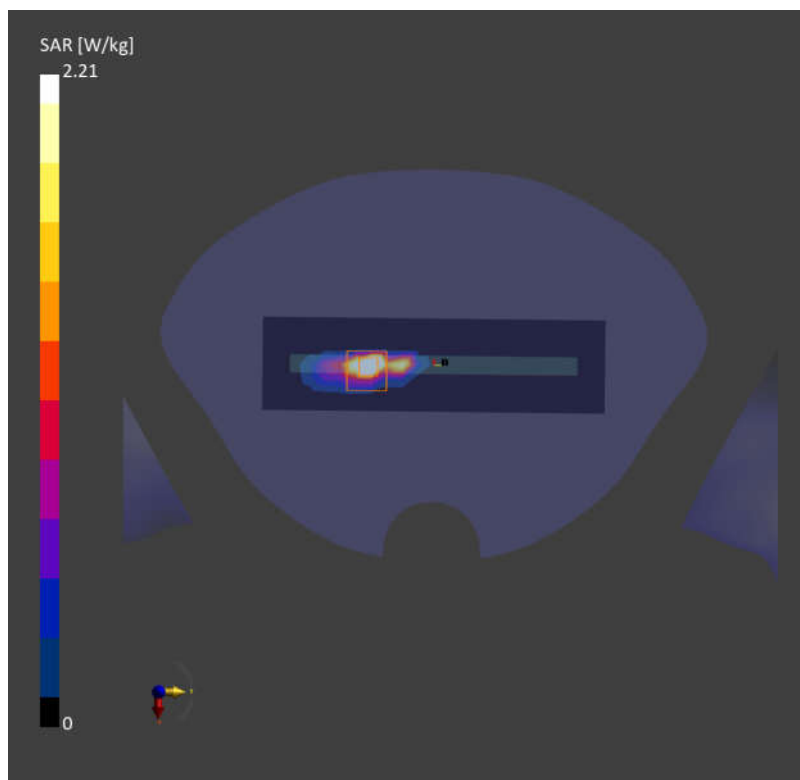
Power Drift = 0.06 dB

SAR (1g) = 2.21 W/kg; SAR (10g) = 0.515 W/kg

Smallest distance from peaks to all points 3 dB below = 4.6 mm

Ratio of SAR at M2 to SAR at M1 = 53.5 %

psAPD (4.0cm<sup>2</sup>, sq) = 12.1 [W/m<sup>2</sup>]



01\_WLAN6GHz\_802.11be-EHT320 MCS0\_Right

Side\_2mm\_Ch31Device Under Test Properties

| Model, Manufacturer | Dimensions [mm]    | IMEI | DUT Type |
|---------------------|--------------------|------|----------|
| Device,             | 164.0 x 78.0 x 8.0 |      | 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, 11026-AAA | 6105.0, 31                      | 1.0               |

Hardware Setup

| Phantom       | Medium | Probe, Calibration Date               | DAE, Calibration Date   |
|---------------|--------|---------------------------------------|-------------------------|
| mmWave - 1065 | Air -  | EUmmWV4 - SN9553_F1-55GHz, 2024-11-15 | DAE4 Sn1650, 2024-11-25 |

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                         | 2025-06-04 |
| Avg. Area [cm <sup>2</sup> ] | 4.00       |
| psPDn+ [W/m <sup>2</sup> ]   | 2.65       |
| psPDtot+ [W/m <sup>2</sup> ] | 3.52       |
| psPDmod+ [W/m <sup>2</sup> ] | 6.45       |
| E <sub>max</sub> [V/m]       | 77.8       |
| Power Drift [dB]             | 0.01       |

