

Date: 2025-08-22

**System Check\_Head\_5800MHz****DUT: D5GHzV2 - SN1171**

Communication System: CW; Frequency: 5800.000 MHz

Medium: HSL\_5G\_250822 Medium parameters used:  $f = 5800.000$  MHz;  $\sigma = 5.36$  S/m;  $\epsilon_r = 34.7$ 

Ambient Temperature: 23.3°C; Liquid Temperature: 22.3°C

## DASY8 Configuration:

- Probe: EX3DV4 - SN7695; ConvF(5.1, 5.27, 5.09); Calibrated: 2025-07-01
- Sensor-Surface: 1.4 mm
- Electronics: DAE4ip Sn1823; Calibrated: 2025-07-11
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2055; Section: Flat
- Measurement Software: 16.4.0.5005
- UID: CW, 0--

**Pin=17.0dBm/Area Scan (40.0 mm x 80.0 mm):** Measurement Grid: 10.0 mm x 10.0 mm

SAR (1g) = 3.85 W/kg; SAR (10g) = 1.06 W/kg;

TSL Correction: No correction

**Pin=17.0dBm/Zoom Scan (24.0 mm x 24.0 mm x 22.9 mm):** Measurement Grid: 4.0 mm x 4.0 mm x 1.4 mm

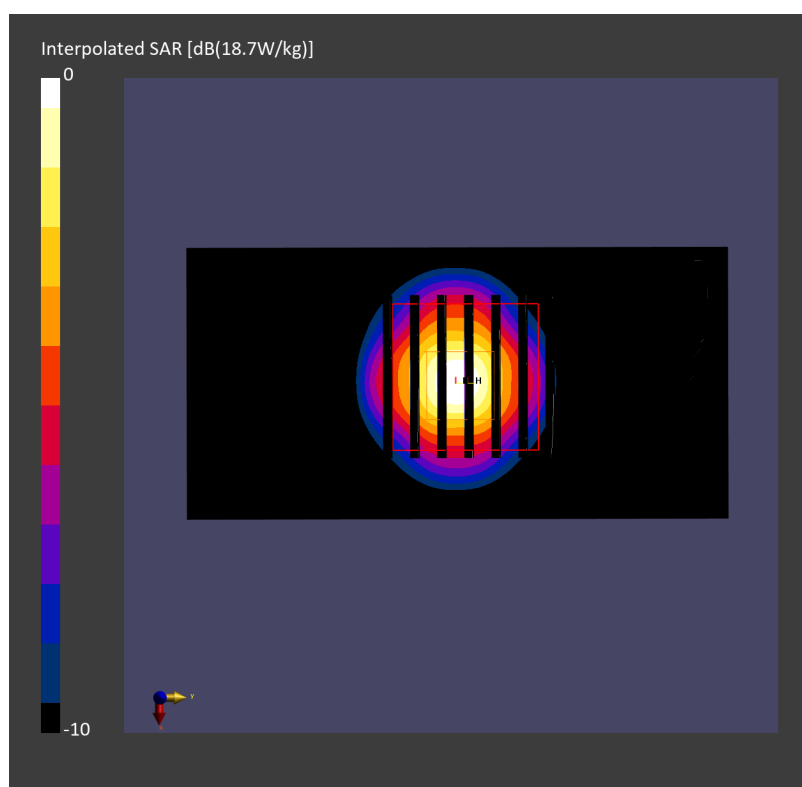
Power Drift = -0.02 dB

SAR (1g) = 4.07 W/kg; SAR (8g) = 1.33 W/kg; SAR (10g) = 1.14 W/kg

Smallest distance from peaks to all points 3 dB below = 7.4 mm

Ratio of SAR at M2 to SAR at M1 = 57.6 %

TSL Correction: No correction



Date: 2025-08-23

**System Check\_Head\_5800MHz****DUT: D5GHzV2 - SN1171**

Communication System: CW; Frequency: 5800.000 MHz

Medium: HSL\_5G\_250823 Medium parameters used:  $f = 5800.000$  MHz;  $\sigma = 5.38$  S/m;  $\epsilon_r = 34.9$ 

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

## DASY8 Configuration:

- Probe: EX3DV4 - SN7695; ConvF(5.1, 5.27, 5.09); Calibrated: 2025-07-01
- Sensor-Surface: 1.4 mm
- Electronics: DAE4ip Sn1823; Calibrated: 2025-07-11
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2055; Section: Flat
- Measurement Software: 16.4.0.5005
- UID: CW, 0--

**Pin=17.0dBm/Area Scan (40.0 mm x 80.0 mm):** Measurement Grid: 10.0 mm x 10.0 mm

SAR (1g) = 3.86 W/kg; SAR (10g) = 1.06 W/kg;

TSL Correction: No correction

**Pin=17.0dBm/Zoom Scan (24.0 mm x 24.0 mm x 22.9 mm):** Measurement Grid: 4.0 mm x 4.0 mm x 1.4 mm

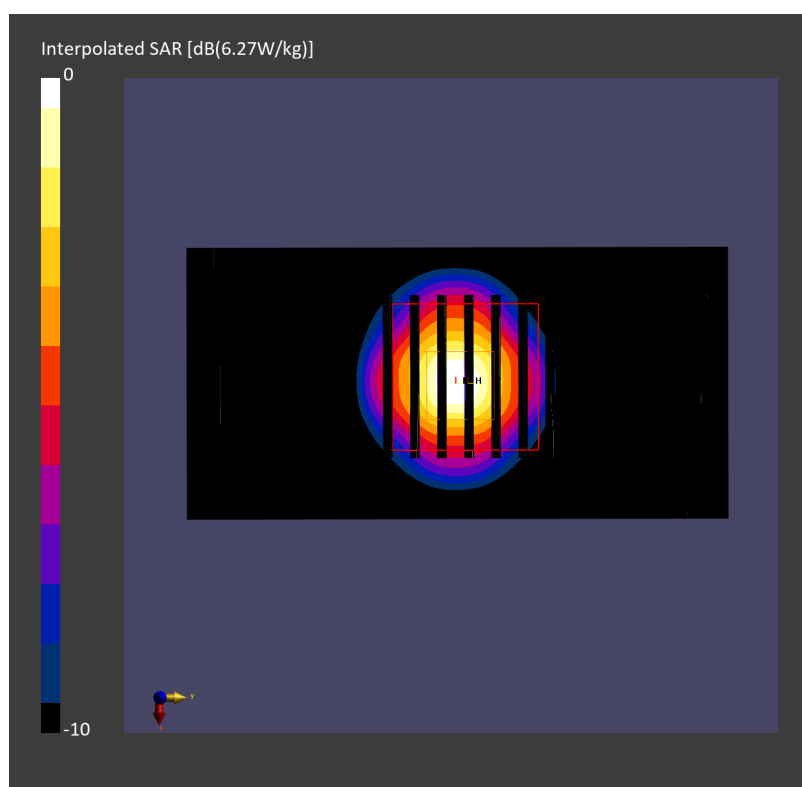
Power Drift = -0.04 dB

SAR (1g) = 4.10 W/kg; SAR (8g) = 1.34 W/kg; SAR (10g) = 1.15 W/kg

Smallest distance from peaks to all points 3 dB below = 7.3 mm

Ratio of SAR at M2 to SAR at M1 = 57.6 %

TSL Correction: No correction



Date: 2025-08-28

**System Check\_Head\_5800MHz****DUT: D5GHzV2 - SN1171**

Communication System: CW; Frequency: 5800.000 MHz

Medium: HSL\_5G\_250828 Medium parameters used:  $f = 5800.000$  MHz;  $\sigma = 5.21$  S/m;  $\epsilon_r = 34.5$ 

Ambient Temperature: 23.6°C; Liquid Temperature: 22.6°C

DASY8 Configuration:

- Probe: EX3DV4 - SN7695; ConvF(5.1, 5.27, 5.09); Calibrated: 2025-07-01
- Sensor-Surface: 1.4 mm
- Electronics: DAE4ip Sn1823; Calibrated: 2025-07-11
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2055; Section: Flat
- Measurement Software: 16.4.0.5005
- UID: CW, 0--

**Pin=17.0dBm/Area Scan (40.0 mm x 80.0 mm):** Measurement Grid: 10.0 mm x 10.0 mm

SAR (1g) = 3.74 W/kg; SAR (10g) = 1.03 W/kg;

TSL Correction: No correction

**Pin=17.0dBm/Zoom Scan (24.0 mm x 24.0 mm x 22.9 mm):** Measurement Grid: 4.0 mm x 4.0 mm x 1.4 mm

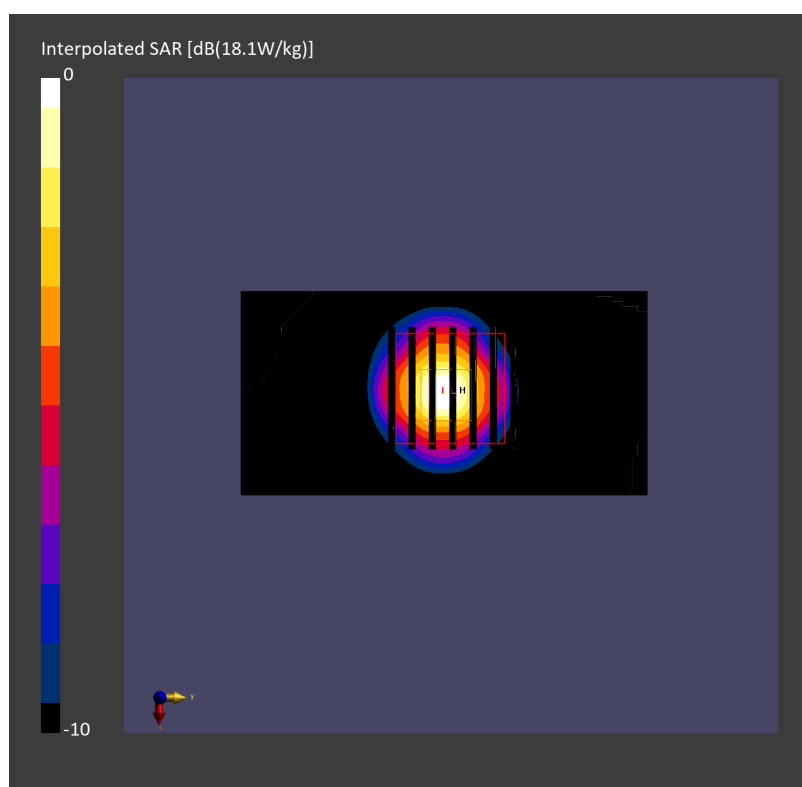
Power Drift = -0.01 dB

SAR (1g) = 3.96 W/kg; SAR (8g) = 1.29 W/kg; SAR (10g) = 1.11 W/kg

Smallest distance from peaks to all points 3 dB below = 7.3 mm

Ratio of SAR at M2 to SAR at M1 = 57.6 %

TSL Correction: No correction



Date: 2025-10-13

**System Check\_Head\_5800MHz****DUT: D5GHzV2 - SN1171**

Communication System: CW; Frequency: 5800.000 MHz

Medium: HSL\_5G\_251013 Medium parameters used:  $f = 5800.000$  MHz;  $\sigma = 5.17$  S/m;  $\epsilon_r = 36.2$ 

Ambient Temperature: 23.5°C; Liquid Temperature: 22.5°C

## DASY8 Configuration:

- Probe: EX3DV4 - SN7695; ConvF(5.1, 5.27, 5.09); Calibrated: 2025-07-01
- Sensor-Surface: 1.4 mm
- Electronics: DAE4ip Sn1823; Calibrated: 2025-07-11
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2055; Section: Flat
- Measurement Software: 16.4.0.5005
- UID: CW, 0--

**Pin=17.0dBm/Area Scan (40.0 mm x 80.0 mm):** Measurement Grid: 10.0 mm x 10.0 mm

SAR (1g) = 3.46 W/kg; SAR (10g) = 0.983 W/kg;

TSL Correction: No correction

**Pin=17.0dBm/Zoom Scan (24.0 mm x 24.0 mm x 22.9 mm):** Measurement Grid: 4.0 mm x 4.0 mm x 1.4 mm

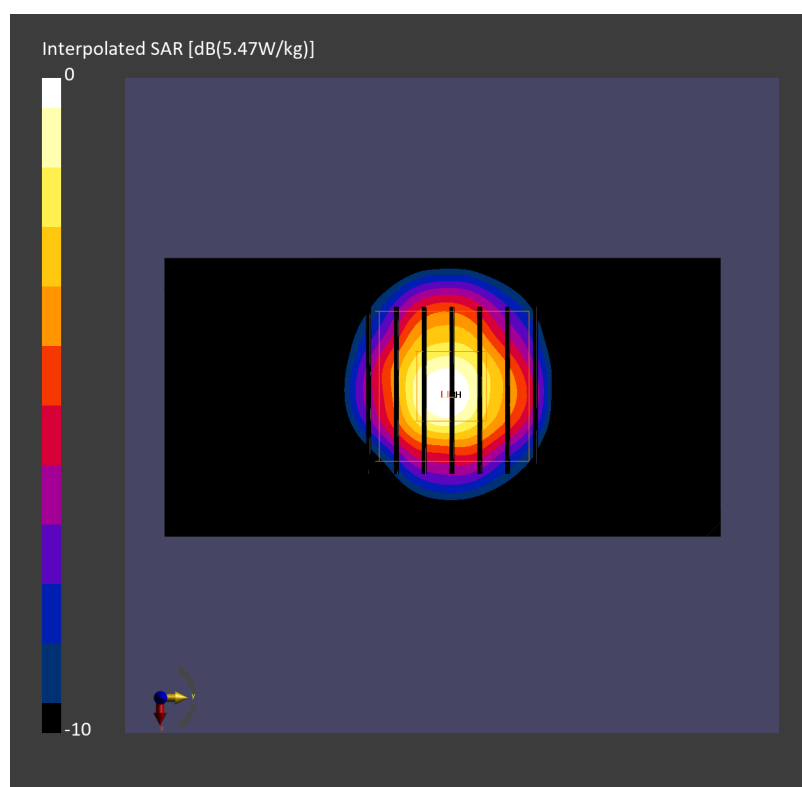
Power Drift = -0.02 dB

SAR (1g) = 3.76 W/kg; SAR (8g) = 1.23 W/kg; SAR (10g) = 1.06 W/kg

Smallest distance from peaks to all points 3 dB below = 7.2 mm

Ratio of SAR at M2 to SAR at M1 = 58.2 %

TSL Correction: No correction



Date: 2025-08-30

**System Check\_Head\_6500MHz****DUT: D6.5GHzV2 - SN1003**

Communication System: CW; Frequency: 6500.000 MHz

Medium: HSL\_6G\_250830 Medium parameters used:  $f = 6500.000$  MHz;  $\sigma = 6.06$  S/m;  $\epsilon_r = 34.5$ 

Ambient Temperature: 23.8°C; Liquid Temperature: 22.8°C

DASY8 Configuration:

- Probe: EX3DV4 - SN7695; ConvF(5.26, 5.42, 5.25); Calibrated: 2025-07-01
- Sensor-Surface: 1.4 mm
- Electronics: DAE4ip Sn1823; Calibrated: 2025-07-11
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2055; Section: Flat
- Measurement Software: 16.4.0.5005
- UID: CW, 0--

**Pin=20.0dBm/Area Scan (51.0 mm x 85.0 mm):** Measurement Grid: 8.5 mm x 8.5 mm

SAR (1g) = 27.5 W/kg; SAR (10g) = 5.20 W/kg;

TSL Correction: No correction

**Pin=20.0dBm/Zoom Scan (23.8 mm x 23.8 mm x 22.9 mm):** Measurement Grid: 3.4 mm x 3.4 mm x 1.4 mm

Power Drift = 0.01 dB

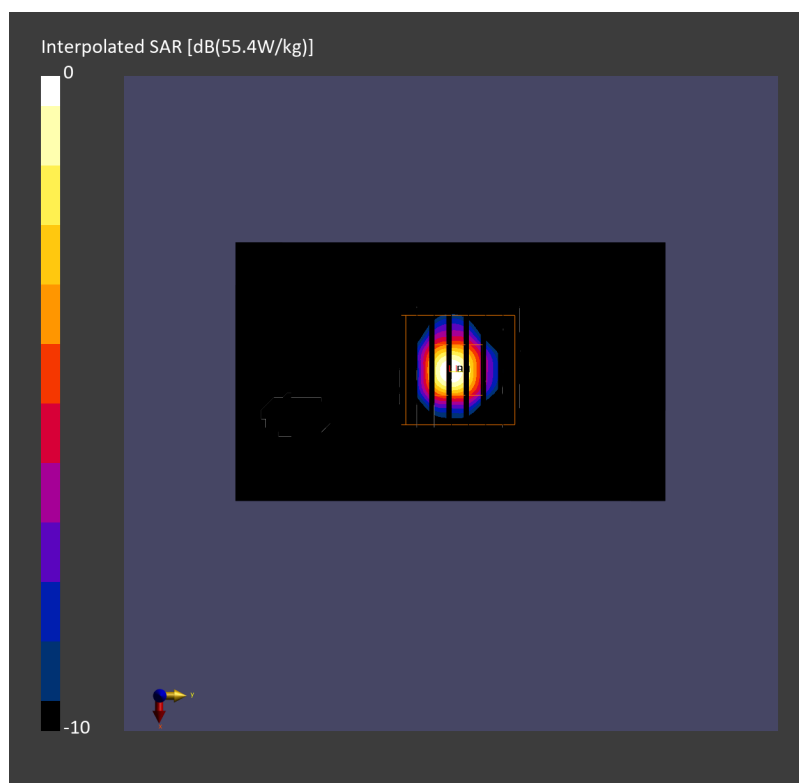
SAR (1g) = 30.6 W/kg; SAR (8g) = 6.86 W/kg; SAR (10g) = 5.66 W/kg

Smallest distance from peaks to all points 3 dB below = 4.8 mm

Ratio of SAR at M2 to SAR at M1 = 50.0 %

psAPD (1.0cm<sup>2</sup>, sq) = 306 [W/m<sup>2</sup>]; psAPD (4.0cm<sup>2</sup>, sq) = 137 [W/m<sup>2</sup>]

TSL Correction: No correction



Date: 2025-08-31

**System Check\_Head\_6500MHz****DUT: D6.5GHzV2 - SN1003**

Communication System: CW; Frequency: 6500.000 MHz

Medium: HSL\_6G\_250831 Medium parameters used:  $f = 6500.000$  MHz;  $\sigma = 6.08$  S/m;  $\epsilon_r = 34.7$ 

Ambient Temperature: 23.9°C; Liquid Temperature: 22.9°C

DASY8 Configuration:

- Probe: EX3DV4 - SN7695; ConvF(5.26, 5.42, 5.25); Calibrated: 2025-07-01
- Sensor-Surface: 1.4 mm
- Electronics: DAE4ip Sn1823; Calibrated: 2025-07-11
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2055; Section: Flat
- Measurement Software: 16.4.0.5005
- UID: CW, 0--

**Pin=20.0dBm/Area Scan (51.0 mm x 85.0 mm):** Measurement Grid: 8.5 mm x 8.5 mm

SAR (1g) = 27.7 W/kg; SAR (10g) = 5.23 W/kg;

TSL Correction: No correction

**Pin=20.0dBm/Zoom Scan (23.8 mm x 23.8 mm x 22.9 mm):** Measurement Grid: 3.4 mm x 3.4 mm x 1.4 mm

Power Drift = 0.01 dB

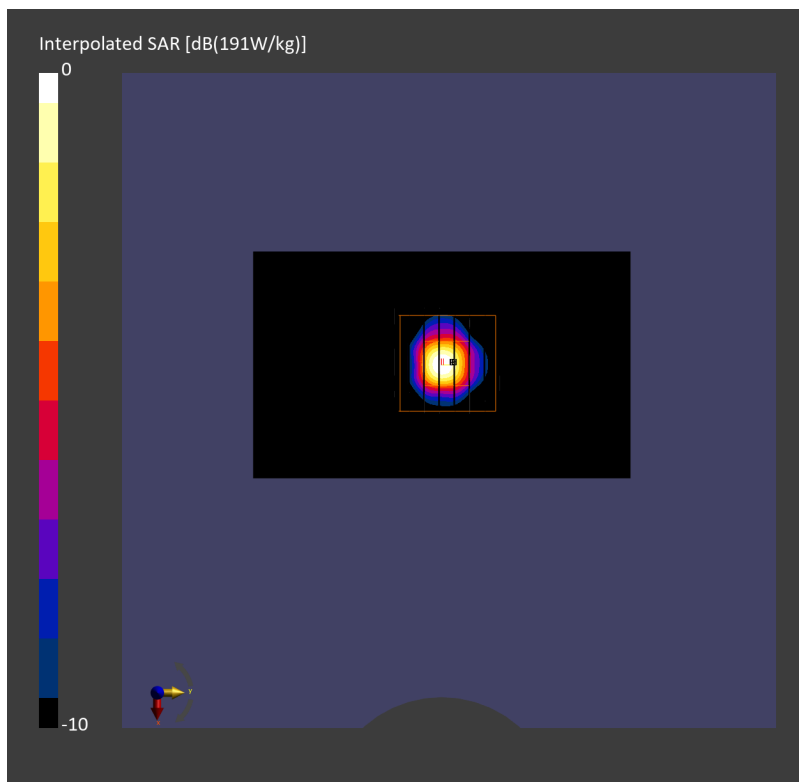
SAR (1g) = 30.9 W/kg; SAR (8g) = 6.92 W/kg; SAR (10g) = 5.71 W/kg

Smallest distance from peaks to all points 3 dB below = 4.8 mm

Ratio of SAR at M2 to SAR at M1 = 49.7 %

psAPD (1.0cm<sup>2</sup>, sq) = 309 [W/m<sup>2</sup>]; psAPD (4.0cm<sup>2</sup>, sq) = 138 [W/m<sup>2</sup>]

TSL Correction: No correction



Date: 2025-09-01

**System Check\_Head\_6500MHz****DUT: D6.5GHzV2 - SN1003**

Communication System: CW; Frequency: 6500.000 MHz

Medium: HSL\_6G\_250901 Medium parameters used:  $f = 6500.000$  MHz;  $\sigma = 6.11$  S/m;  $\epsilon_r = 34.8$ 

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

DASY8 Configuration:

- Probe: EX3DV4 - SN7695; ConvF(5.26, 5.42, 5.25); Calibrated: 2025-07-01
- Sensor-Surface: 1.4 mm
- Electronics: DAE4ip Sn1823; Calibrated: 2025-07-11
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2055; Section: Flat
- Measurement Software: 16.4.0.5005
- UID: CW, 0--

**Pin=20.0dBm/Area Scan (51.0 mm x 85.0 mm):** Measurement Grid: 8.5 mm x 8.5 mm

SAR (1g) = 27.7 W/kg; SAR (10g) = 5.24 W/kg;

TSL Correction: No correction

**Pin=20.0dBm/Zoom Scan (23.8 mm x 23.8 mm x 22.9 mm):** Measurement Grid: 3.4 mm x 3.4 mm x 1.4 mm

Power Drift = 0.01 dB

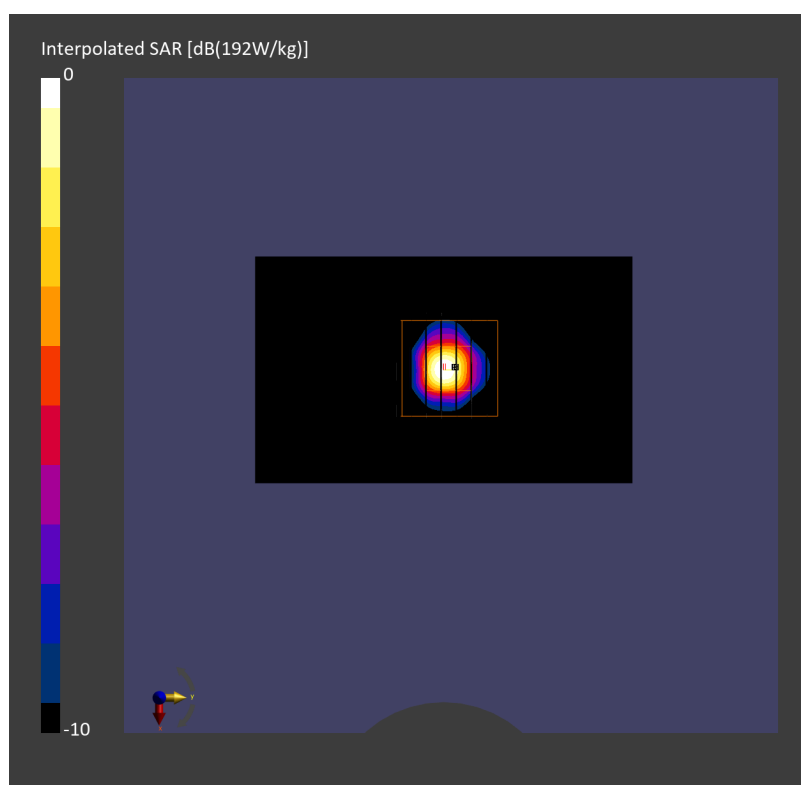
SAR (1g) = 31.0 W/kg; SAR (8g) = 6.94 W/kg; SAR (10g) = 5.73 W/kg

Smallest distance from peaks to all points 3 dB below = 4.8 mm

Ratio of SAR at M2 to SAR at M1 = 49.7 %

psAPD (1.0cm<sup>2</sup>, sq) = 310 [W/m<sup>2</sup>]; psAPD (4.0cm<sup>2</sup>, sq) = 139 [W/m<sup>2</sup>]

TSL Correction: No correction



Date: 2025-10-08

**System Check\_Head\_6500MHz****DUT: D6.5GHzV2 - SN1003**

Communication System: CW; Frequency: 6500.000 MHz

Medium: HSL\_6G\_251008 Medium parameters used:  $f = 6500.000$  MHz;  $\sigma = 6.15$  S/m;  $\epsilon_r = 35.1$ 

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

## DASY8 Configuration:

- Probe: EX3DV4 - SN7695; ConvF(5.26, 5.42, 5.25); Calibrated: 2025-07-01
- Sensor-Surface: 1.4 mm
- Electronics: DAE4ip Sn1823; Calibrated: 2025-07-11
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2055; Section: Flat
- Measurement Software: 16.4.0.5005
- UID: CW, 0--

**Pin=20.0dBm/Area Scan (51.0 mm x 85.0 mm):** Measurement Grid: 8.5 mm x 8.5 mm

SAR (1g) = 24.3 W/kg; SAR (10g) = 4.67 W/kg;

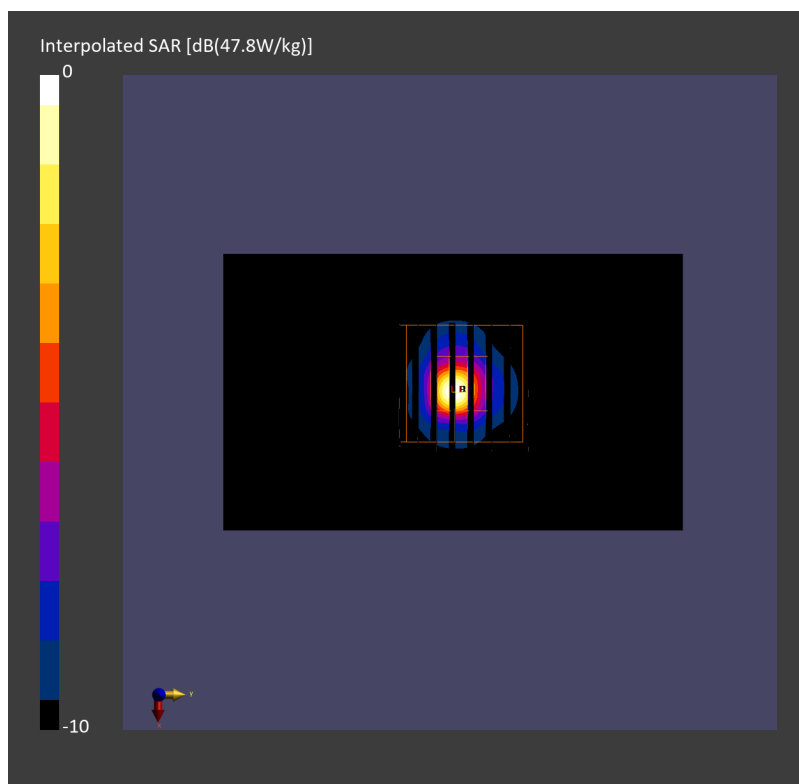
**Pin=20.0dBm/Zoom Scan (23.8 mm x 23.8 mm x 22.9 mm):** Measurement Grid: 3.4 mm x 3.4 mm x 1.4 mm

Power Drift = 0.00 dB

SAR (1g) = 28.7 W/kg; SAR (8g) = 6.43 W/kg; SAR (10g) = 5.32 W/kg

Smallest distance from peaks to all points 3 dB below = 4.4 mm

Ratio of SAR at M2 to SAR at M1 = 51.2 %

psAPD (1.0cm<sup>2</sup>, sq) = 287 [W/m<sup>2</sup>]; psAPD (4.0cm<sup>2</sup>, sq) = 129 [W/m<sup>2</sup>]

Measurement Report for Device

Device Under Test Properties

|                     |                       |                  |                        |
|---------------------|-----------------------|------------------|------------------------|
| Model, Manufacturer | Dimensions [mm]       | Software Version | DUT Type               |
| Device,             | 100.0 x 100.0 x 172.0 | 3.2.0.1840       | 5G Verification Source |

Exposure Conditions

|                 |                              |                 |                   |
|-----------------|------------------------------|-----------------|-------------------|
| Phantom Section | Position, Test Distance [mm] | Frequency [MHz] | Conversion Factor |
| 5G              | FRONT, 10.00                 | 10000.0         | 1.0               |

Hardware Setup

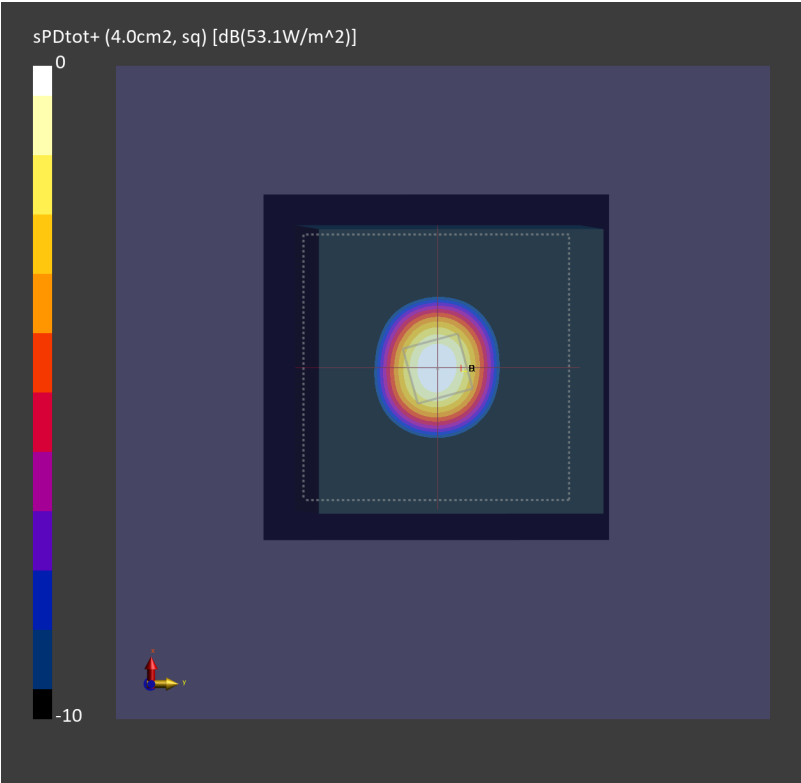
|               |        |                                       |                        |
|---------------|--------|---------------------------------------|------------------------|
| Phantom       | Medium | Probe, Calibration Date               | DAE, Calibration Date  |
| mmWave – 1207 | Air –  | EUmmWV3 – SN9424_F1–55GHz, 2025–03–14 | DAE4 Sn778, 2025–01–15 |

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] | 10.0            |

Measurement Results

|                                           |            |
|-------------------------------------------|------------|
| Date                                      | 2025–08–08 |
| Avg. Area [cm <sup>2</sup> ]              | 4.00       |
| psPDn+ [W/m <sup>2</sup> ]                | 52.9       |
| psPDtot+ [W/m <sup>2</sup> ]              | 53.1       |
| H <sub>max</sub> [A/m]                    | 0.452      |
| E <sub>max</sub> [V/m]                    | 149        |
| max <sub>(Stot)</sub> [W/m <sup>2</sup> ] | 64.5       |
| Power Drift [dB]                          | 0.00       |
| IPDn                                      | 95.6       |



Measurement Report for 5G Verification Source 10 GHz

Device Under Test Properties

|                                |                       |                  |          |
|--------------------------------|-----------------------|------------------|----------|
| Model, Manufacturer            | Dimensions [mm]       | Software Version | DUT Type |
| 5G Verification Source 10 GHz, | 100.0 x 100.0 x 172.0 | 3.2.0.1840       | Phone    |

Exposure Conditions

|                 |                              |                 |                   |
|-----------------|------------------------------|-----------------|-------------------|
| Phantom Section | Position, Test Distance [mm] | Frequency [MHz] | Conversion Factor |
| 5G              | FRONT, 10.00                 | 10000.0         | 1.0               |

Hardware Setup

|               |        |                                       |                        |
|---------------|--------|---------------------------------------|------------------------|
| Phantom       | Medium | Probe, Calibration Date               | DAE, Calibration Date  |
| mmWave – 1207 | Air –  | EUmmWV3 – SN9424_F1–55GHz, 2025–03–14 | DAE4 Sn703, 2025–04–17 |

Scans Setup

|                     |               |
|---------------------|---------------|
| Scan Type           | 5G Scan       |
| Grid Extents [mm]   | 120.0 x 120.0 |
| Grid Steps [lambda] | 0.125 x 0.125 |
| Sensor Surface [mm] | 10.0          |

Measurement Results

|                                           |            |
|-------------------------------------------|------------|
| Date                                      | 2025–10–07 |
| Avg. Area [cm <sup>2</sup> ]              | 4.00       |
| psPDn+ [W/m <sup>2</sup> ]                | 57.2       |
| psPDtot+ [W/m <sup>2</sup> ]              | 57.5       |
| H <sub>max</sub> [A/m]                    | 0.420      |
| E <sub>max</sub> [V/m]                    | 156        |
| max <sub>(Stot)</sub> [W/m <sup>2</sup> ] | 64.1       |
| Power Drift [dB]                          | 0.08       |
| IPDn                                      | 5500       |

