

## System Check\_Head\_5250MHz

### DUT: D5GHzV2 - SN1171

Communication System: CW; Frequency: 5250.000 MHz; Duty Cycle: 1:1

Medium: HSL\_5G\_231007 Medium parameters used:  $f = 5250.000$  MHz;  $\sigma = 4.60$  S/m;  $\epsilon_r = 35.4$

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

#### DASY6 Configuration:

- Probe: EX3DV4 - SN7791; ConvF(4.93, 5.47, 4.85); Calibrated: 2023-02-22
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn699; Calibrated: 2023-02-22
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 1919; Section: Flat
- Measurement Software: 16.2.4.2524
- UID: CW

**Pin=17.0dBm/Area Scan (40.0 mm x 80.0 mm):** Measurement Grid: 10.0 mm x 10.0 mm  
SAR (1g) = 3.69 W/kg; SAR (10g) = 1.07 W/kg;

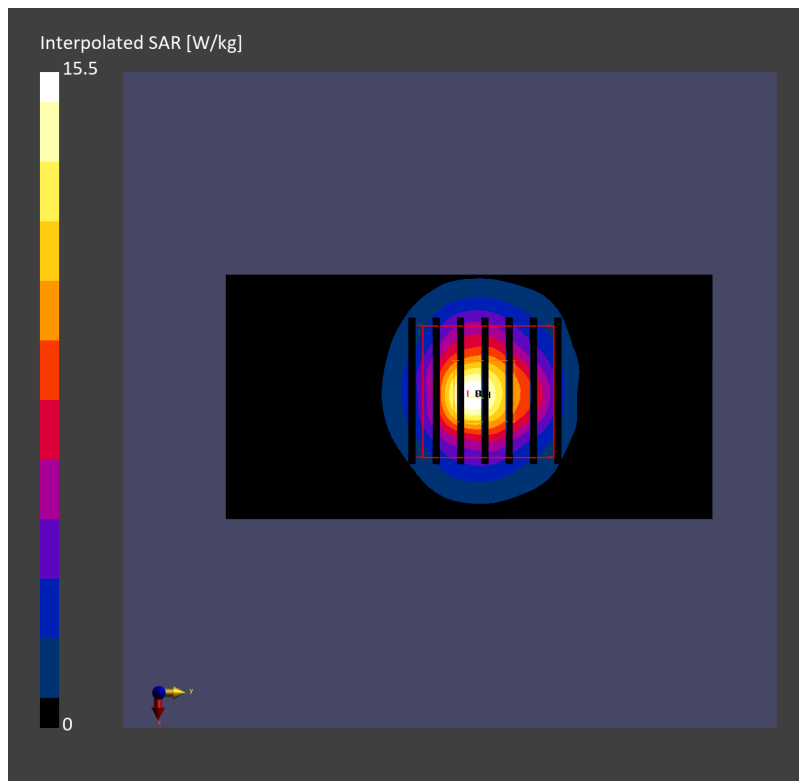
**Pin=17.0dBm/Zoom Scan (22.0 mm x 22.0 mm x 22.0 mm):** Measurement Grid: 4.0 mm x 4.0 mm x 1.4 mm

Power Drift = -0.19 dB

SAR (1g) = 3.85 W/kg; SAR (8g) = 1.27 W/kg; SAR (10g) = 1.09 W/kg

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

Ratio of SAR at M2 to SAR at M1 = 62.8 %



## System Check\_5250MHz

### DUT: D5GHzV2 - SN1171

Communication System: CW; Frequency: 5250.000 MHz; Duty Cycle: 1:1  
Medium: HSL\_5G\_231014 Medium parameters used:  $f= 5250.000$  MHz;  $\sigma= 4.75$  S/m;  $\epsilon_r = 37.0$   
Ambient Temperature: 23.3°C; Liquid Temperature: 22.3°C

#### DASY6 Configuration:

- Probe: EX3DV4 - SN7785; ConvF(5.18, 5.03, 5.06); Calibrated: 2023-01-05
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn699; Calibrated: 2023-02-22
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 1919; Section: Flat
- Measurement Software: 16.2.4.2524
- UID: CW

**Pin=20.0dBm/Area Scan (40.0 mm x 80.0 mm):** Measurement Grid: 10.0 mm x 10.0 mm  
SAR (1g) = 7.01 W/kg; SAR (10g) = 1.99 W/kg;

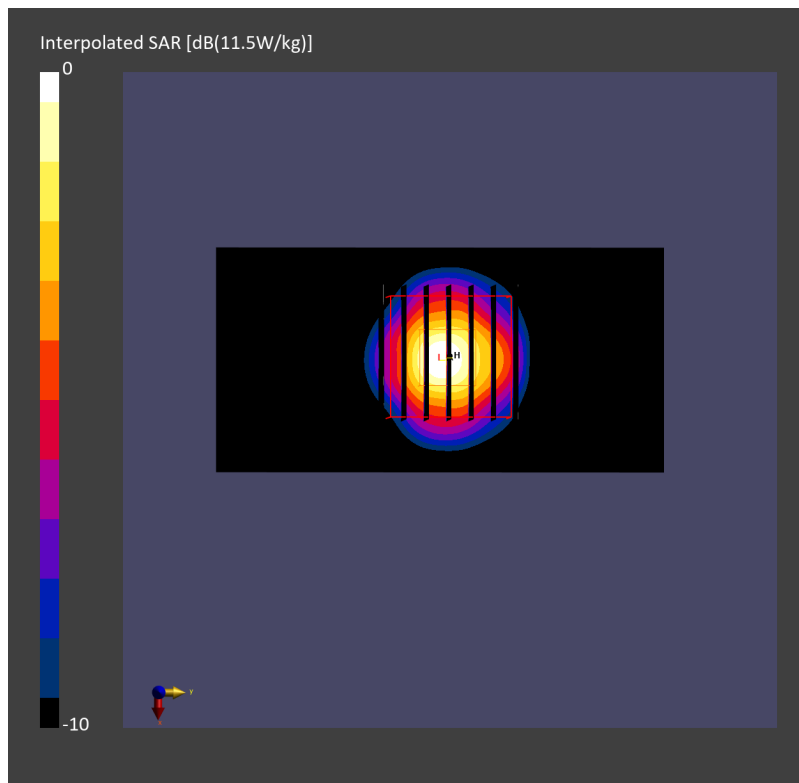
**Pin=20.0dBm/Zoom Scan (22.0 mm x 22.0 mm x 22.0 mm):** Measurement Grid: 4.0 mm x 4.0 mm x 1.4 mm

Power Drift = 0.00 dB

SAR (1g) = 7.41 W/kg; SAR (8g) = 2.47 W/kg; SAR (10g) = 2.12 W/kg

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

Ratio of SAR at M2 to SAR at M1 = 66.6 %



## System Check\_5250MHz

### DUT: D5GHzV2 - SN1171

Communication System: CW; Frequency: 5250.000 MHz; Duty Cycle: 1:1  
Medium: HSL\_5G\_231015 Medium parameters used:  $f= 5250.000$  MHz;  $\sigma= 4.82$  S/m;  $\epsilon_r = 36.9$   
Ambient Temperature: 23.3°C; Liquid Temperature: 22.3°C

#### DASY6 Configuration:

- Probe: EX3DV4 - SN7785; ConvF(5.18, 5.03, 5.06); Calibrated: 2023-01-05
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn699; Calibrated: 2023-02-22
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 1919; Section: Flat
- Measurement Software: 16.2.4.2524
- UID: CW

**Pin=20.0dBm/Area Scan (40.0 mm x 80.0 mm):** Measurement Grid: 10.0 mm x 10.0 mm  
SAR (1g) = 7.30 W/kg; SAR (10g) = 2.04 W/kg;

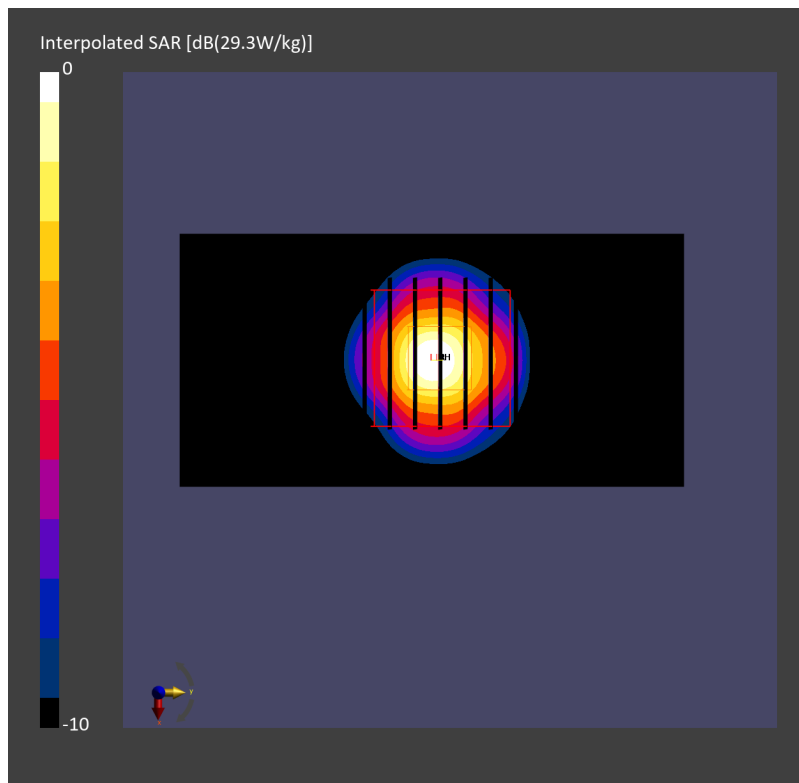
**Pin=20.0dBm/Zoom Scan (22.0 mm x 22.0 mm x 22.0 mm):** Measurement Grid: 4.0 mm x 4.0 mm x 1.4 mm

Power Drift = 0.03 dB

SAR (1g) = 7.83 W/kg; SAR (8g) = 2.59 W/kg; SAR (10g) = 2.23 W/kg

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

Ratio of SAR at M2 to SAR at M1 = 66.6 %



## System Check\_Head\_5250MHz

### DUT: D5GHzV2 - SN1171

Communication System: CW; Frequency: 5250.000 MHz; Duty Cycle: 1:1  
Medium: HSL\_5G\_231016 Medium parameters used:  $f= 5250.000$  MHz;  $\sigma= 4.68$  S/m;  $\epsilon_r = 35.7$   
Ambient Temperature: 23.3°C; Liquid Temperature: 22.3°C

#### DASY6 Configuration:

- Probe: EX3DV4 - SN7785; ConvF(5.18, 5.03, 5.06); Calibrated: 2023-01-05
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn699; Calibrated: 2023-02-22
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 1919; Section: Flat
- Measurement Software: 16.2.4.2524
- UID: CW

**Pin=20.0dBm/Area Scan (40.0 mm x 80.0 mm):** Measurement Grid: 10.0 mm x 10.0 mm  
SAR (1g) = 7.45 W/kg; SAR (10g) = 2.12 W/kg;

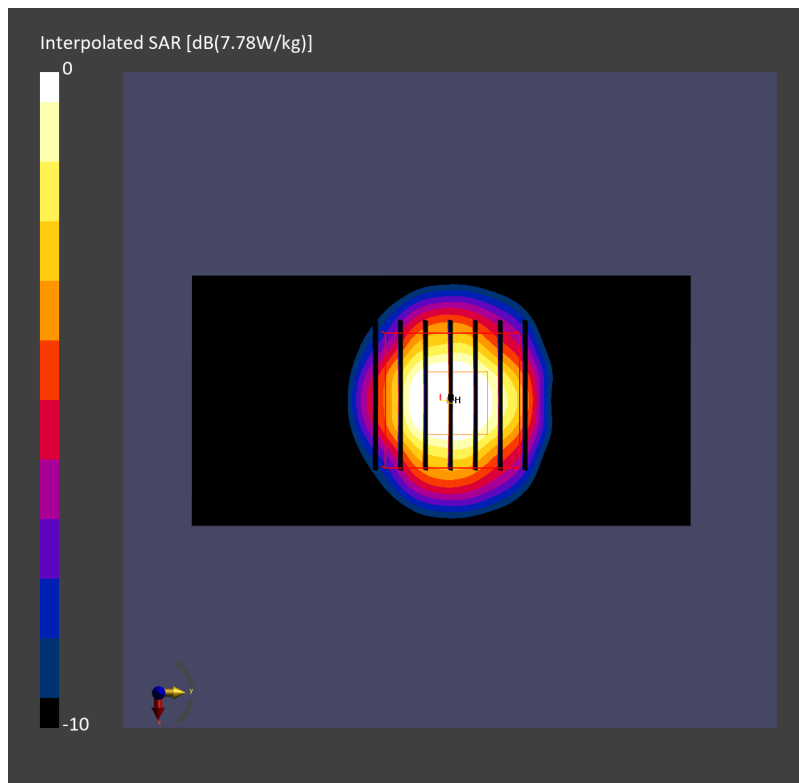
**Pin=20.0dBm/Zoom Scan (22.0 mm x 22.0 mm x 22.0 mm):** Measurement Grid: 4.0 mm x 4.0 mm x 1.4 mm

Power Drift = -0.07 dB

SAR (1g) = 7.78 W/kg; SAR (8g) = 2.61 W/kg; SAR (10g) = 2.24 W/kg

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

Ratio of SAR at M2 to SAR at M1 = 66.7 %



## System Check\_Head\_5250MHz

### DUT: D5GHzV2 - SN1171

Communication System: CW; Frequency: 5250.000 MHz; Duty Cycle: 1:1

Medium: HSL\_5G\_231016 Medium parameters used:  $f=5250.000$  MHz;  $\sigma=4.82$  S/m;  $\epsilon_r=36.5$

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

#### DASY6 Configuration:

- Probe: EX3DV4 - SN7791; ConvF(4.93, 5.47, 4.85); Calibrated: 2023-02-22
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1697; Calibrated: 2022-12-15
- Phantom: Twin-SAM V4.0 (30deg probe tilt); Serial: 1488; Section: Flat
- Measurement Software: 16.2.4.2524
- UID: CW

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

SAR (1g) = 3.47 W/kg; SAR (10g) = 1.03 W/kg;

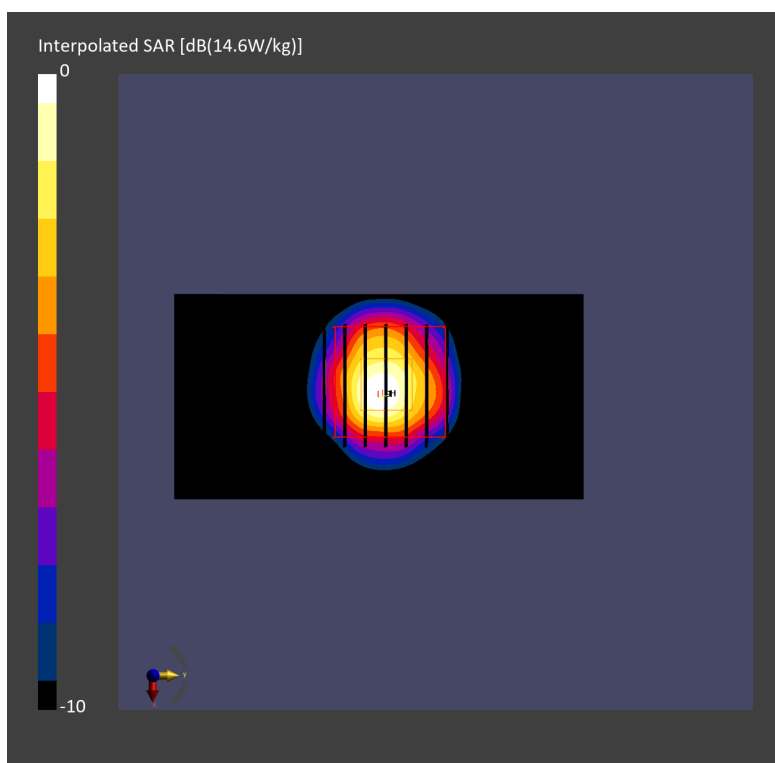
**Pin=17.0dBm/Zoom Scan (22.0 mm x 22.0 mm x 22.0 mm):** Measurement Grid: 4.0 mm x 4.0 mm x 1.4 mm

Power Drift = -0.01 dB

SAR (1g) = 3.87 W/kg; SAR (8g) = 1.30 W/kg; SAR (10g) = 1.12 W/kg

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

Ratio of SAR at M2 to SAR at M1 = 65.2 %



## System Check\_Head\_5250MHz

### DUT: D5GHzV2 - SN1171

Communication System: CW; Frequency: 5250.000 MHz; Duty Cycle: 1:1

Medium: HSL\_5G\_231017 Medium parameters used:  $f = 5250.000$  MHz;  $\sigma = 4.68$  S/m;  $\epsilon_r = 36.0$

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

#### DASY6 Configuration:

- Probe: EX3DV4 - SN7785; ConvF(5.18, 5.03, 5.06); Calibrated: 2023-01-05
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn699; Calibrated: 2023-02-22
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 1919; Section: Flat
- Measurement Software: 16.2.4.2524
- UID: CW

**Pin=20.0dBm/Area Scan (40.0 mm x 80.0 mm):** Measurement Grid: 10.0 mm x 10.0 mm  
SAR (1g) = 7.63 W/kg; SAR (10g) = 2.19 W/kg;

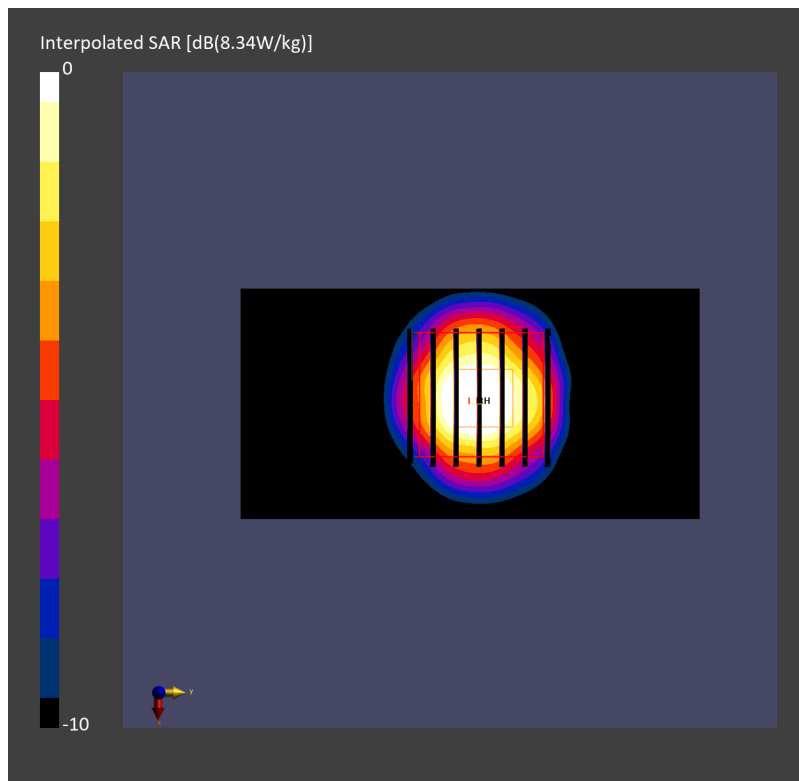
**Pin=20.0dBm/Zoom Scan (22.0 mm x 22.0 mm x 22.0 mm):** Measurement Grid: 4.0 mm x 4.0 mm x 1.4 mm

Power Drift = -0.10 dB

SAR (1g) = 8.34 W/kg; SAR (8g) = 2.76 W/kg; SAR (10g) = 2.37 W/kg

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

Ratio of SAR at M2 to SAR at M1 = 63.9 %



## System Check\_Head\_5250MHz

### DUT: D5GHzV2 - SN1171

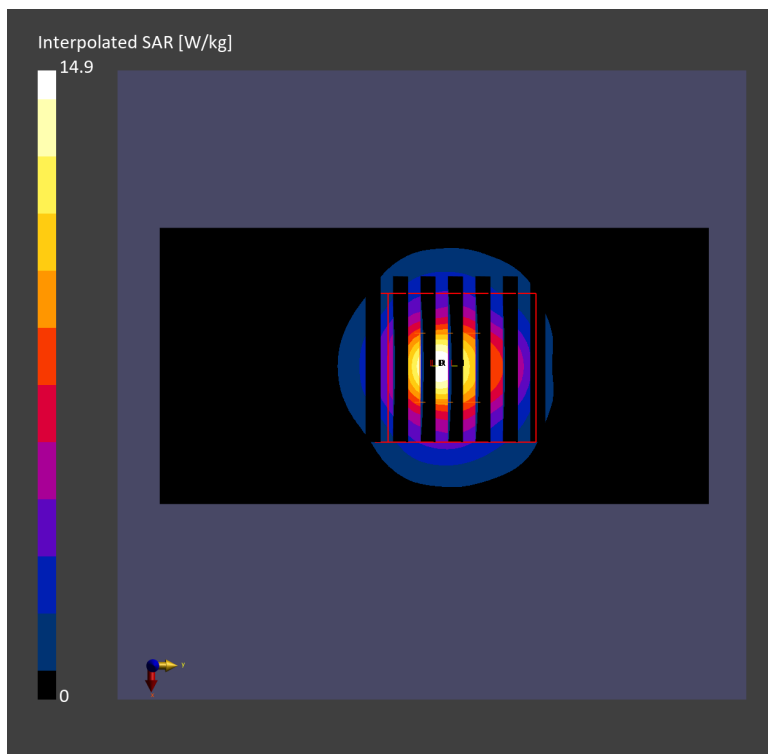
Communication System: CW; Frequency: 5250.000 MHz; Duty Cycle: 1:1  
Medium: HSL\_5G\_231018 Medium parameters used:  $f=5250.000$  MHz;  $\sigma=4.70$  S/m;  $\epsilon_r=36.8$   
Ambient Temperature: 23.6°C; Liquid Temperature: 22.6°C

#### DASY8 Configuration:

- Probe: EX3DV4 - SN7692; ConvF(5.84, 5.74, 6.7); Calibrated: 2023-07-18
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn661; Calibrated: 2023-05-23
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2079; Section: Flat
- Measurement Software: 16.2.4.2524
- UID: CW

**Pin=17.0dBm/Area Scan (40.0 mm x 80.0 mm):** Measurement Grid: 10.0 mm x 10.0 mm  
SAR (1g) = 3.38 W/kg; SAR (10g) = 0.942 W/kg;

**Pin=17.0dBm/Zoom Scan (22.0 mm x 22.0 mm x 22.0 mm):** Measurement Grid: 4.0 mm x 4.0 mm x 1.4 mm  
Power Drift = -0.10 dB  
SAR (1g) = 3.82 W/kg; SAR (8g) = 1.24 W/kg; SAR (10g) = 1.06 W/kg  
Smallest distance from peaks to all points 3 dB below = 6.9 mm  
Ratio of SAR at M2 to SAR at M1 = 64.4 %



## System Check\_Head\_5250MHz

### DUT: D5GHzV2 - SN1171

Communication System: CW; Frequency: 5250.000 MHz; Duty Cycle: 1:1

Medium: HSL\_5G\_231018 Medium parameters used:  $f = 5250.000$  MHz;  $\sigma = 4.57$  S/m;  $\epsilon_r = 35.4$

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

#### DASY8 Configuration:

- Probe: EX3DV4 - SN7700; ConvF(5.91, 5.91, 5.91); Calibrated: 2023-01-24
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1707; Calibrated: 2022-12-15
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2079\_For Gap; Section: Flat
- Measurement Software: 16.2.4.2524
- UID: CW

**Pin=17dBm/Area Scan (40.0 mm x 80.0 mm):** Measurement Grid: 10.0 mm x 10.0 mm

SAR (1g) = 3.73 W/kg; SAR (10g) = 1.04 W/kg;

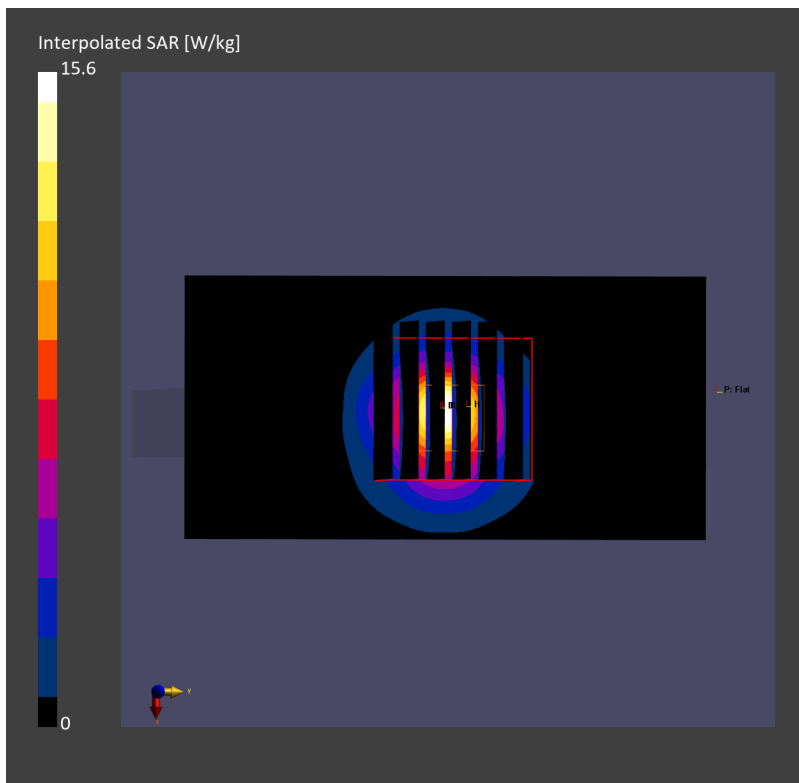
**Pin=17dBm/Zoom Scan (22.0 mm x 22.0 mm x 22.0 mm):** Measurement Grid: 4.0 mm x 4.0 mm x 1.4 mm

Power Drift = -0.01 dB

SAR (1g) = 4.16 W/kg; SAR (8g) = 1.33 W/kg; SAR (10g) = 1.13 W/kg

Smallest distance from peaks to all points 3 dB below = 6.9 mm

Ratio of SAR at M2 to SAR at M1 = 66.2 %





## System Check\_Head\_5250MHz

### DUT: D5GHzV2 - SN1171

Communication System: CW; Frequency: 5250.000 MHz; Duty Cycle: 1:1

Medium: HSL\_5G\_231020 Medium parameters used:  $f= 5250.000$  MHz;  $\sigma= 4.67$  S/m;  $\epsilon_r = 37.2$

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

#### DASY6 Configuration:

- Probe: EX3DV4 - SN7695; ConvF(5.72, 5.86, 6.29); Calibrated: 2023-05-22
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1697; Calibrated: 2022-12-15
- Phantom: Twin-SAM V4.0 (30deg probe tilt); Serial: 1488; Section: Flat
- Measurement Software: 16.2.4.2524
- 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) = 3.14 W/kg; SAR (10g) = 0.900 W/kg;

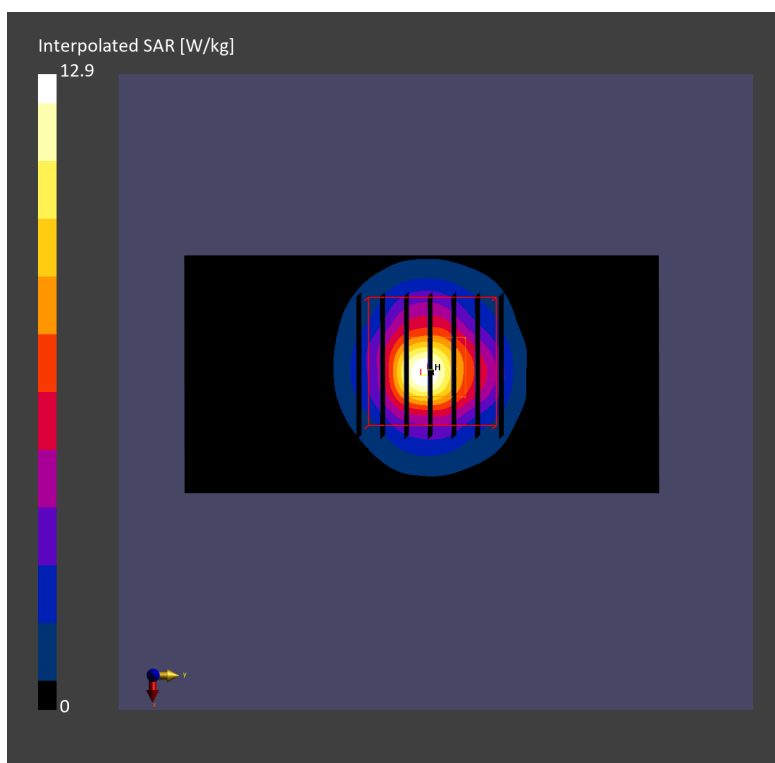
**Pin=17.0dBm/Zoom Scan (22.0 mm x 22.0 mm x 22.0 mm):** Measurement Grid: 4.0 mm x 4.0 mm x 1.4 mm

Power Drift = -0.02 dB

SAR (1g) = 3.77 W/kg; SAR (8g) = 1.33 W/kg; SAR (10g) = 1.10 W/kg

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

Ratio of SAR at M2 to SAR at M1 = 64.9 %



## System Check\_Head\_5600MHz

### DUT: D5GHzV2 - SN1171

Communication System: CW; Frequency: 5600.000 MHz; Duty Cycle: 1:1

Medium: HSL\_5G\_231007 Medium parameters used:  $f = 5600.000$  MHz;  $\sigma = 5.00$  S/m;  $\epsilon_r = 34.8$

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

#### DASY6 Configuration:

- Probe: EX3DV4 - SN7791; ConvF(4.35, 4.72, 4.41); Calibrated: 2023-02-22
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn699; Calibrated: 2023-02-22
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 1919; Section: Flat
- Measurement Software: 16.2.4.2524
- UID: CW

**Pin=17.0dBm/Area Scan (40.0 mm x 80.0 mm):** Measurement Grid: 10.0 mm x 10.0 mm  
SAR (1g) = 3.96 W/kg; SAR (10g) = 1.14 W/kg;

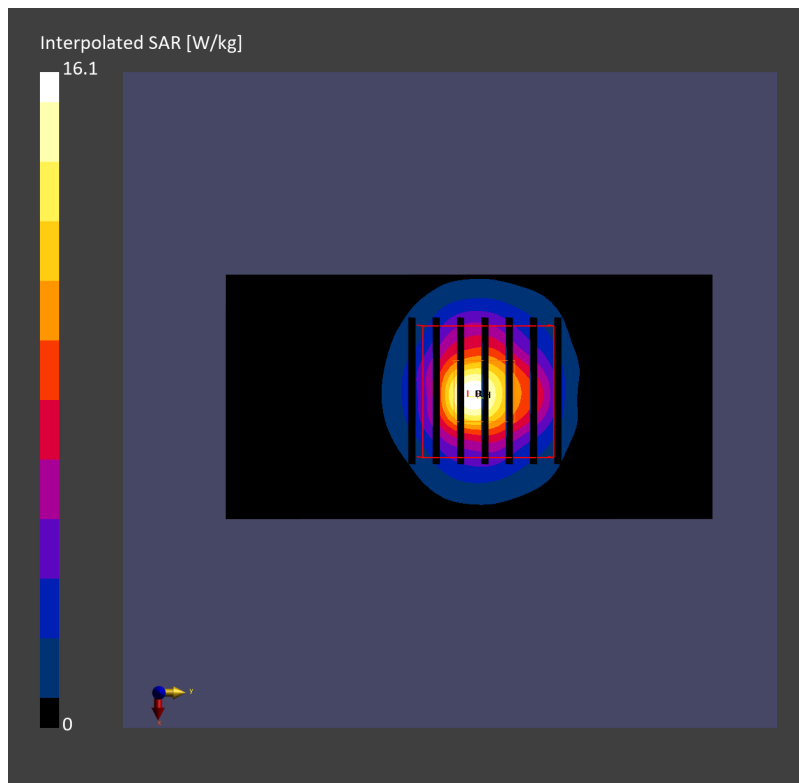
**Pin=17.0dBm/Zoom Scan (22.0 mm x 22.0 mm x 22.0 mm):** Measurement Grid: 4.0 mm x 4.0 mm x 1.4 mm

Power Drift = -0.05 dB

SAR (1g) = 4.12 W/kg; SAR (8g) = 1.37 W/kg; SAR (10g) = 1.17 W/kg

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

Ratio of SAR at M2 to SAR at M1 = 64.2 %



## System Check\_5600MHz

### DUT: D5GHzV2 - SN1171

Communication System: CW; Frequency: 5600.000 MHz; Duty Cycle: 1:1  
Medium: HSL\_5G\_231014 Medium parameters used:  $f= 5600.000$  MHz;  $\sigma= 5.12$  S/m;  $\epsilon_r = 36.5$   
Ambient Temperature: 23.3°C; Liquid Temperature: 22.3°C

#### DASY6 Configuration:

- Probe: EX3DV4 - SN7785; ConvF(4.43, 4.27, 4.42); Calibrated: 2023-01-05
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn699; Calibrated: 2023-02-22
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 1919; Section: Flat
- Measurement Software: 16.2.4.2524
- UID: CW

**Pin=20.0dBm/Area Scan (40.0 mm x 80.0 mm):** Measurement Grid: 10.0 mm x 10.0 mm  
SAR (1g) = 7.75 W/kg; SAR (10g) = 2.18 W/kg;

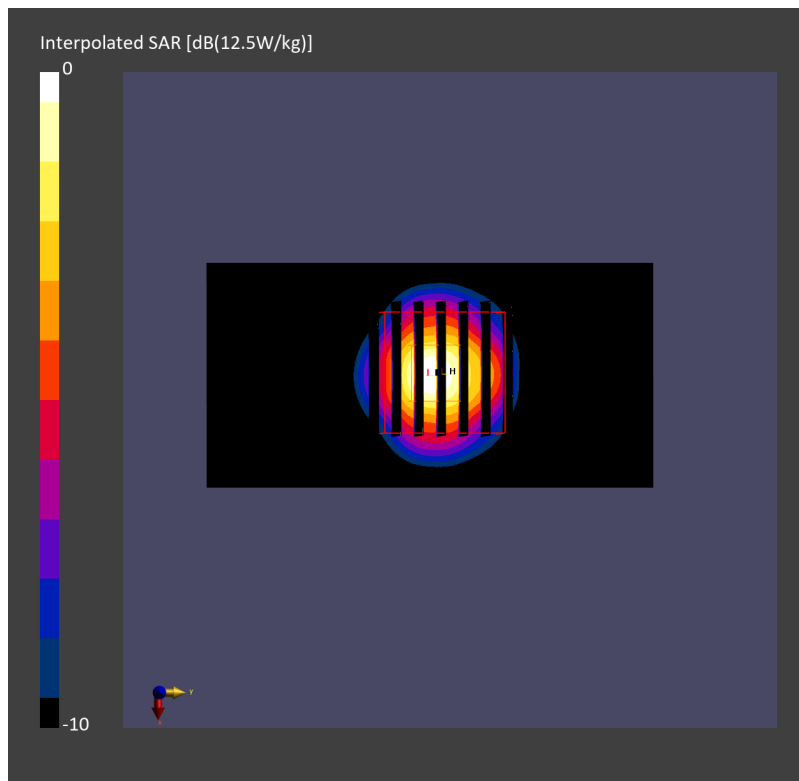
**Pin=20.0dBm/Zoom Scan (22.0 mm x 22.0 mm x 22.0 mm):** Measurement Grid: 4.0 mm x 4.0 mm x 1.4 mm

Power Drift = -0.00 dB

SAR (1g) = 8.16 W/kg; SAR (8g) = 2.69 W/kg; SAR (10g) = 2.31 W/kg

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

Ratio of SAR at M2 to SAR at M1 = 64.8 %



## System Check\_5600MHz

### DUT: D5GHzV2 - SN1171

Communication System: CW; Frequency: 5600.000 MHz; Duty Cycle: 1:1  
Medium: HSL\_5G\_231015 Medium parameters used:  $f= 5600.000$  MHz;  $\sigma= 5.21$  S/m;  $\epsilon_r = 36.3$   
Ambient Temperature: 23.3°C; Liquid Temperature: 22.3°C

#### DASY6 Configuration:

- Probe: EX3DV4 - SN7785; ConvF(4.43, 4.27, 4.42); Calibrated: 2023-01-05
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn699; Calibrated: 2023-02-22
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 1919; Section: Flat
- Measurement Software: 16.2.4.2524
- UID: CW

**Pin=20.0dBm/Area Scan (40.0 mm x 80.0 mm):** Measurement Grid: 10.0 mm x 10.0 mm  
SAR (1g) = 7.65 W/kg; SAR (10g) = 2.12 W/kg;

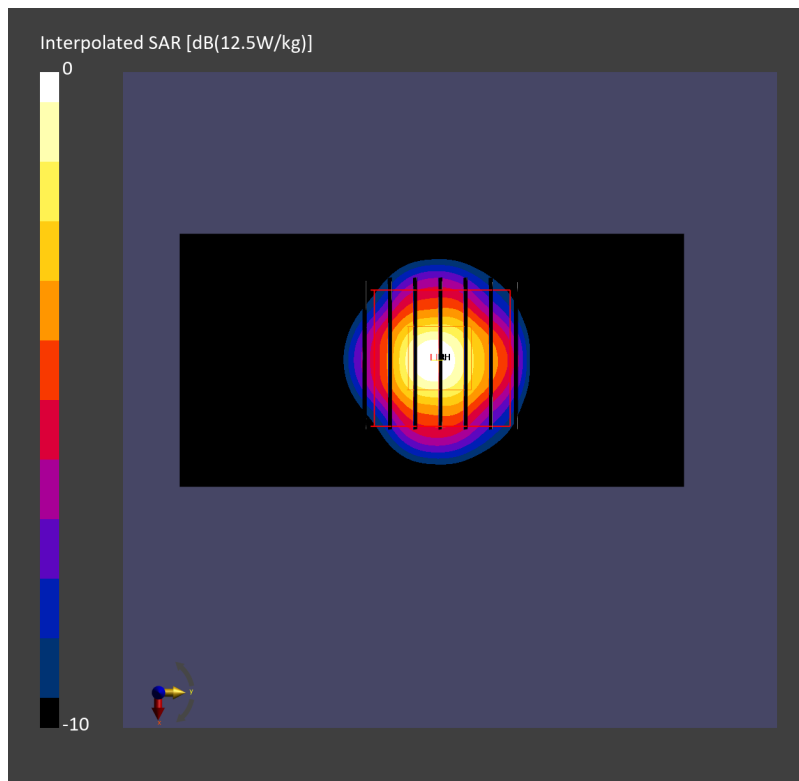
**Pin=20.0dBm/Zoom Scan (22.0 mm x 22.0 mm x 22.0 mm):** Measurement Grid: 4.0 mm x 4.0 mm x 1.4 mm

Power Drift = -0.02 dB

SAR (1g) = 8.04 W/kg; SAR (8g) = 2.64 W/kg; SAR (10g) = 2.26 W/kg

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

Ratio of SAR at M2 to SAR at M1 = 64.4 %



## System Check\_Head\_5600MHz

### DUT: D5GHzV2 - SN1171

Communication System: CW; Frequency: 5600.000 MHz; Duty Cycle: 1:1

Medium: HSL\_5G\_231016 Medium parameters used:  $f = 5600.000$  MHz;  $\sigma = 5.08$  S/m;  $\epsilon_r = 35.1$

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

#### DASY6 Configuration:

- Probe: EX3DV4 - SN7785; ConvF(4.43, 4.27, 4.42); Calibrated: 2023-01-05
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn699; Calibrated: 2023-02-22
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 1919; Section: Flat
- Measurement Software: 16.2.4.2524
- UID: CW

**Pin=20.0dBm/Area Scan (40.0 mm x 80.0 mm):** Measurement Grid: 10.0 mm x 10.0 mm  
SAR (1g) = 7.73 W/kg; SAR (10g) = 2.17 W/kg;

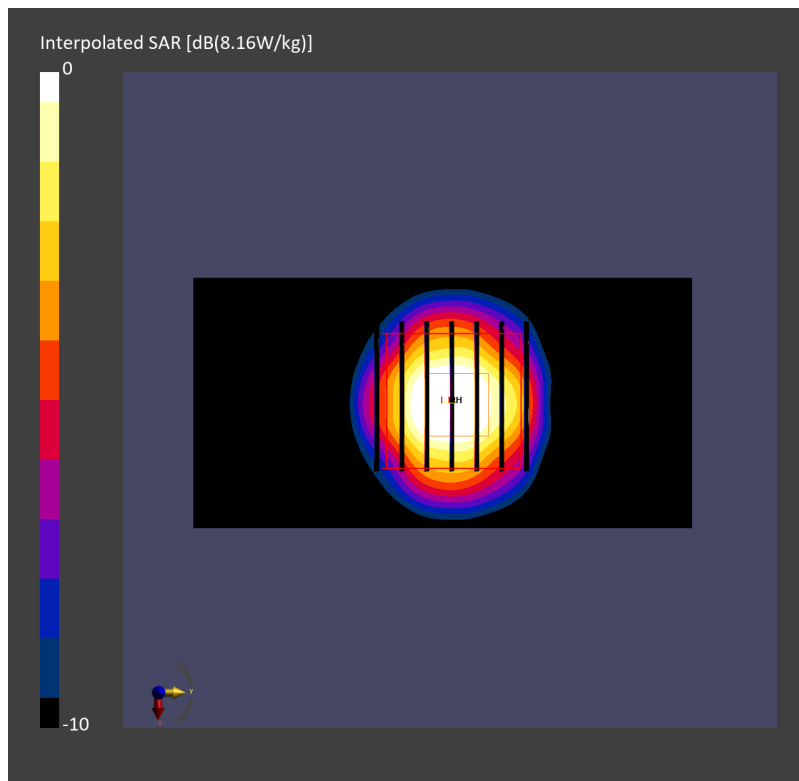
**Pin=20.0dBm/Zoom Scan (22.0 mm x 22.0 mm x 22.0 mm):** Measurement Grid: 4.0 mm x 4.0 mm x 1.4 mm

Power Drift = 0.00 dB

SAR (1g) = 8.16 W/kg; SAR (8g) = 2.70 W/kg; SAR (10g) = 2.31 W/kg

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

Ratio of SAR at M2 to SAR at M1 = 65.4 %



## System Check\_Head\_5600MHz

### DUT: D5GHzV2 - SN1171

Communication System: CW; Frequency: 5600.000 MHz; Duty Cycle: 1:1

Medium: HSL\_5G\_231017 Medium parameters used:  $f = 5600.000$  MHz;  $\sigma = 5.08$  S/m;  $\epsilon_r = 35.4$

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

#### DASY6 Configuration:

- Probe: EX3DV4 - SN7785; ConvF(4.43, 4.27, 4.42); Calibrated: 2023-01-05
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn699; Calibrated: 2023-02-22
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 1919; Section: Flat
- Measurement Software: 16.2.4.2524
- UID: CW

**Pin=20.0dBm/Area Scan (40.0 mm x 80.0 mm):** Measurement Grid: 10.0 mm x 10.0 mm  
SAR (1g) = 7.51 W/kg; SAR (10g) = 2.11 W/kg;

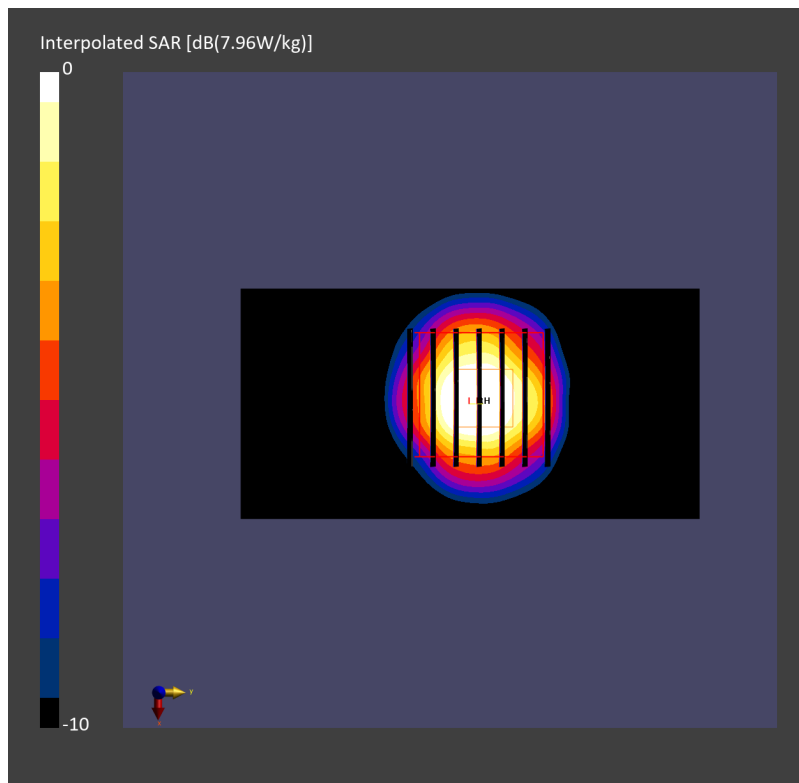
**Pin=20.0dBm/Zoom Scan (22.0 mm x 22.0 mm x 22.0 mm):** Measurement Grid: 4.0 mm x 4.0 mm x 1.4 mm

Power Drift = -0.04 dB

SAR (1g) = 7.96 W/kg; SAR (8g) = 2.61 W/kg; SAR (10g) = 2.24 W/kg

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

Ratio of SAR at M2 to SAR at M1 = 63.3 %



## System Check\_Head\_5600MHz

### DUT: D5GHzV2 - SN1171

Communication System: CW; Frequency: 5600.000 MHz; Duty Cycle: 1:1

Medium: HSL\_5G\_231018 Medium parameters used:  $f = 5600.000$  MHz;  $\sigma = 5.06$  S/m;  $\epsilon_r = 36.3$

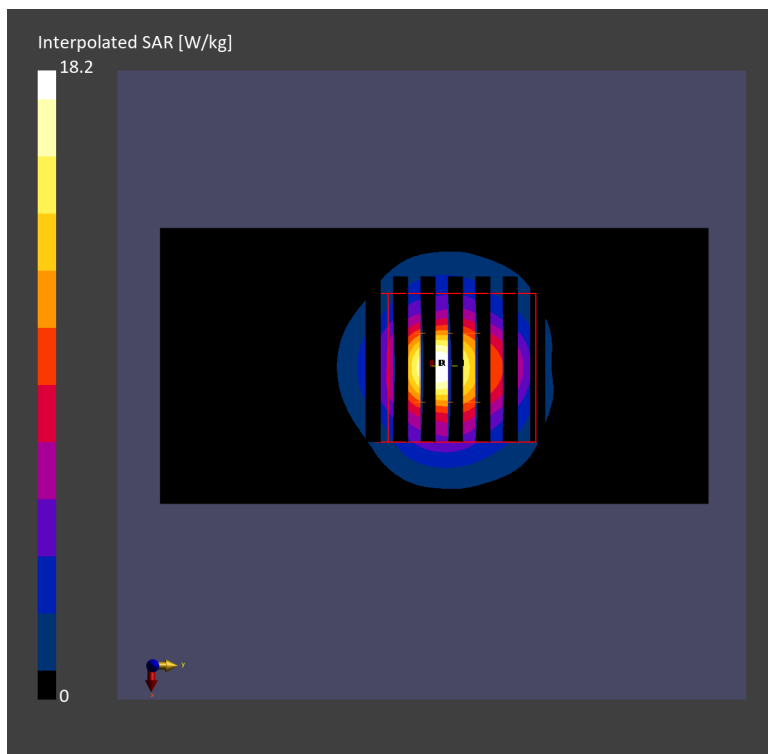
Ambient Temperature: 23.6°C; Liquid Temperature: 22.6°C

#### DASY8 Configuration:

- Probe: EX3DV4 - SN7692; ConvF(5.09, 4.94, 5.73); Calibrated: 2023-07-18
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn661; Calibrated: 2023-05-23
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2079; Section: Flat
- Measurement Software: 16.2.4.2524
- UID: CW

**Pin=17.0dBm/Area Scan (40.0 mm x 80.0 mm):** Measurement Grid: 10.0 mm x 10.0 mm  
SAR (1g) = 3.81 W/kg; SAR (10g) = 1.05 W/kg;

**Pin=17.0dBm/Zoom Scan (22.0 mm x 22.0 mm x 22.0 mm):** Measurement Grid: 4.0 mm x 4.0 mm x 1.4 mm  
Power Drift = -0.19 dB  
SAR (1g) = 4.34 W/kg; SAR (8g) = 1.40 W/kg; SAR (10g) = 1.19 W/kg  
Smallest distance from peaks to all points 3 dB below = 7.2 mm  
Ratio of SAR at M2 to SAR at M1 = 61.4 %



## System Check\_Head\_5600MHz

### DUT: D5GHzV2 - SN1171

Communication System: CW; Frequency: 5600.000 MHz; Duty Cycle: 1:1

Medium: HSL\_5G\_231018 Medium parameters used:  $f = 5600.000$  MHz;  $\sigma = 4.96$  S/m;  $\epsilon_r = 34.8$

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

#### DASY6 Configuration:

- Probe: EX3DV4 - SN7700; ConvF(5.07, 5.07, 5.07); Calibrated: 2023-01-24
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1707; Calibrated: 2022-12-15
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2079\_For Gap; Section: Flat
- Measurement Software: 16.2.4.2524
- UID: CW

**Pin=17dBm/Area Scan (40.0 mm x 80.0 mm):** Measurement Grid: 10.0 mm x 10.0 mm

SAR (1g) = 3.93 W/kg; SAR (10g) = 1.08 W/kg;

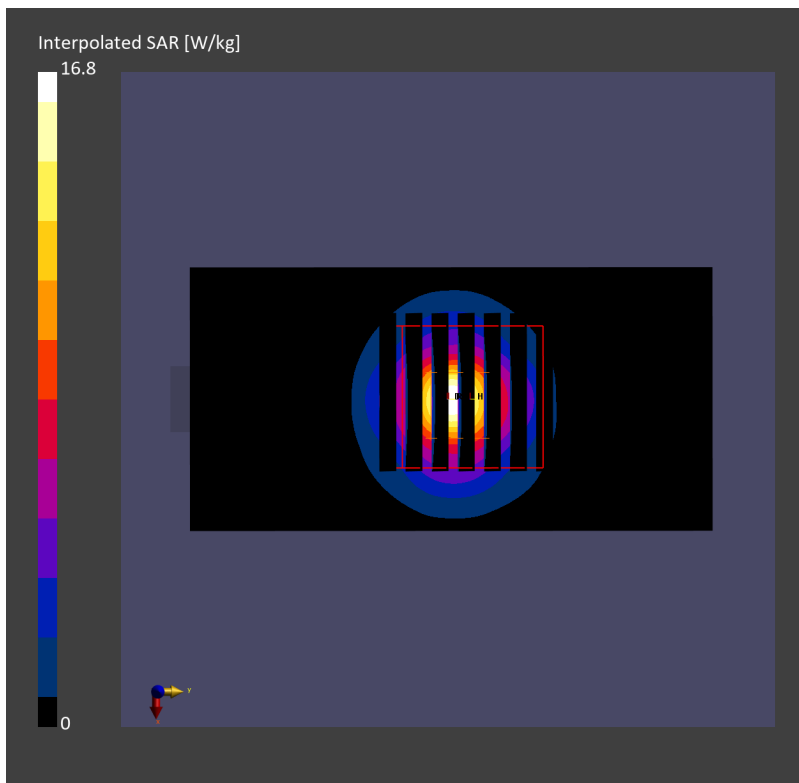
**Pin=17dBm/Zoom Scan (22.0 mm x 22.0 mm x 22.0 mm):** Measurement Grid: 4.0 mm x 4.0 mm x 1.4 mm

Power Drift = 0.02 dB

SAR (1g) = 4.25 W/kg; SAR (8g) = 1.37 W/kg; SAR (10g) = 1.17 W/kg

Smallest distance from peaks to all points 3 dB below = 6.9 mm

Ratio of SAR at M2 to SAR at M1 = 64.6 %





## System Check\_Head\_5750MHz

### DUT: D5GHzV2 - SN1171

Communication System: CW; Frequency: 5750.000 MHz; Duty Cycle: 1:1

Medium: HSL\_5G\_231007 Medium parameters used:  $f = 5750.000$  MHz;  $\sigma = 5.18$  S/m;  $\epsilon_r = 34.5$

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

#### DASY6 Configuration:

- Probe: EX3DV4 - SN7791; ConvF(4.44, 4.92, 4.4); Calibrated: 2023-02-22
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn699; Calibrated: 2023-02-22
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 1919; Section: Flat
- Measurement Software: 16.2.4.2524
- UID: CW

**Pin=17.0dBm/Area Scan (40.0 mm x 80.0 mm):** Measurement Grid: 10.0 mm x 10.0 mm  
SAR (1g) = 3.43 W/kg; SAR (10g) = 0.977 W/kg;

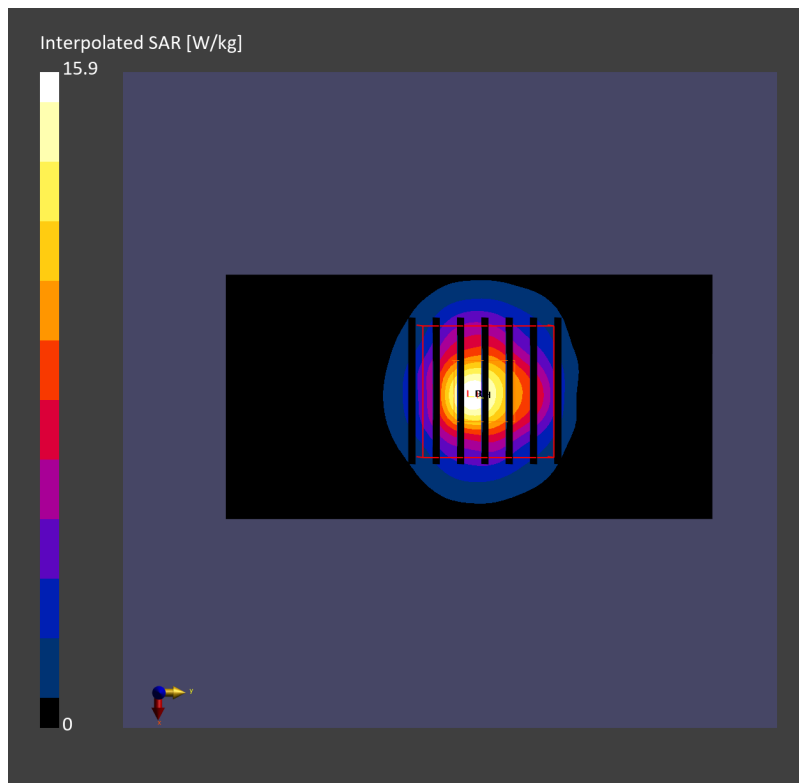
**Pin=17.0dBm/Zoom Scan (22.0 mm x 22.0 mm x 22.0 mm):** Measurement Grid: 4.0 mm x 4.0 mm x 1.4 mm

Power Drift = -0.04 dB

SAR (1g) = 3.79 W/kg; SAR (8g) = 1.24 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 = 61.7 %



## System Check\_5750MHz

### DUT: D5GHzV2 - SN1171

Communication System: CW; Frequency: 5750.000 MHz; Duty Cycle: 1:1  
Medium: HSL\_5G\_231014 Medium parameters used:  $f= 5750.000$  MHz;  $\sigma= 5.29$  S/m;  $\epsilon_r = 36.3$   
Ambient Temperature: 23.3°C; Liquid Temperature: 22.3°C

#### DASY6 Configuration:

- Probe: EX3DV4 - SN7785; ConvF(4.56, 4.37, 4.41); Calibrated: 2023-01-05
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn699; Calibrated: 2023-02-22
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 1919; Section: Flat
- Measurement Software: 16.2.4.2524
- UID: CW

**Pin=20.0dBm/Area Scan (40.0 mm x 80.0 mm):** Measurement Grid: 10.0 mm x 10.0 mm  
SAR (1g) = 7.01 W/kg; SAR (10g) = 1.98 W/kg;

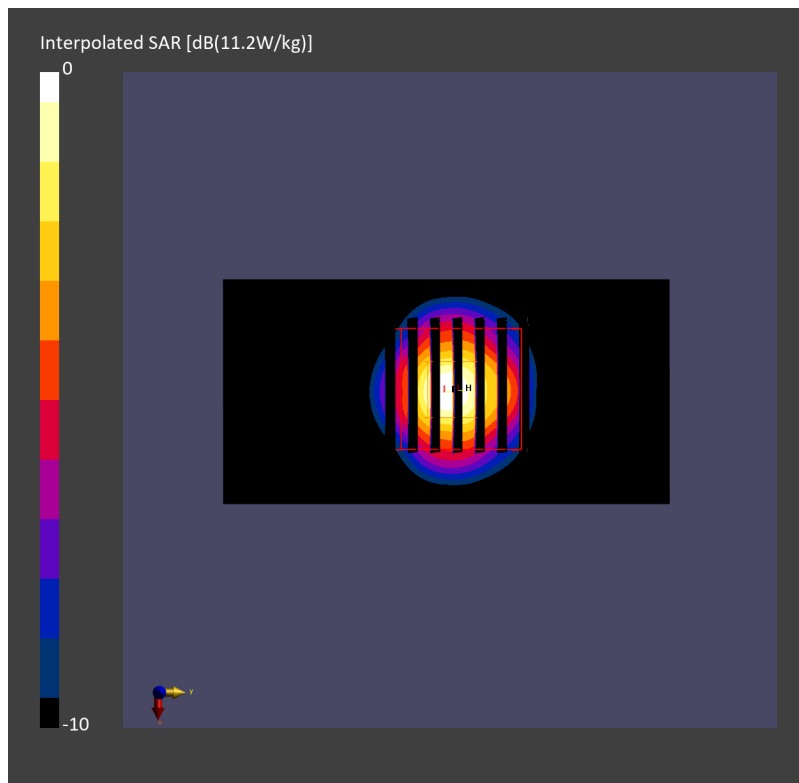
**Pin=20.0dBm/Zoom Scan (22.0 mm x 22.0 mm x 22.0 mm):** Measurement Grid: 4.0 mm x 4.0 mm x 1.4 mm

Power Drift = 0.01 dB

SAR (1g) = 7.36 W/kg; SAR (8g) = 2.43 W/kg; SAR (10g) = 2.09 W/kg

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

Ratio of SAR at M2 to SAR at M1 = 63.6 %



## System Check\_5750MHz

### DUT: D5GHzV2 - SN1171

Communication System: CW; Frequency: 5750.000 MHz; Duty Cycle: 1:1

Medium: HSL\_5G\_231015 Medium parameters used:  $f = 5750.000$  MHz;  $\sigma = 5.36$  S/m;  $\epsilon_r = 36.2$

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

#### DASY6 Configuration:

- Probe: EX3DV4 - SN7785; ConvF(4.56, 4.37, 4.41); Calibrated: 2023-01-05
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn699; Calibrated: 2023-02-22
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 1919; Section: Flat
- Measurement Software: 16.2.4.2524
- UID: CW

**Pin=20.0dBm/Area Scan (40.0 mm x 80.0 mm):** Measurement Grid: 10.0 mm x 10.0 mm  
SAR (1g) = 7.42 W/kg; SAR (10g) = 2.07 W/kg;

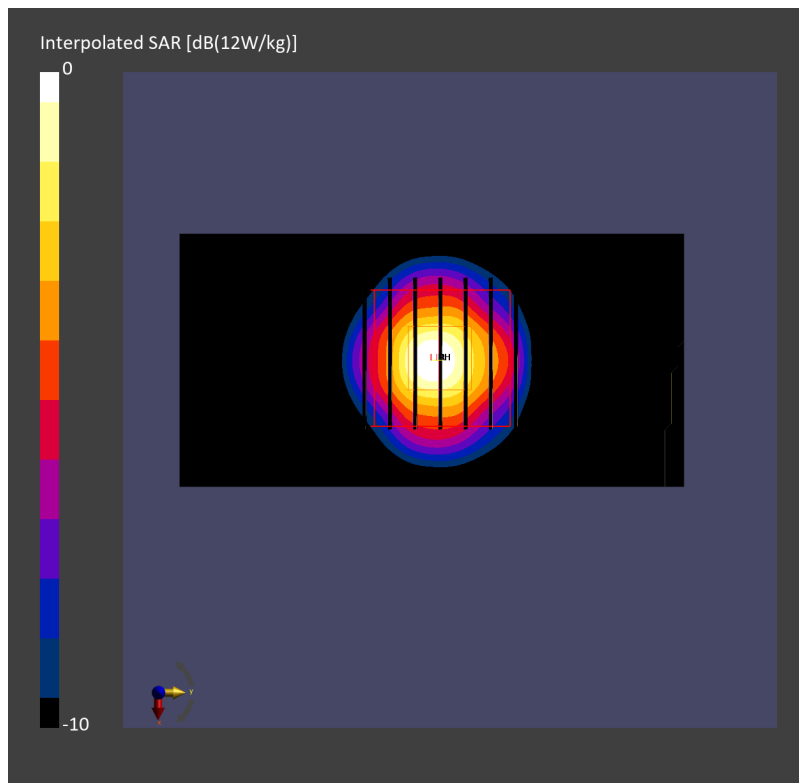
**Pin=20.0dBm/Zoom Scan (22.0 mm x 22.0 mm x 22.0 mm):** Measurement Grid: 4.0 mm x 4.0 mm x 1.4 mm

Power Drift = -0.04 dB

SAR (1g) = 7.67 W/kg; SAR (8g) = 2.53 W/kg; SAR (10g) = 2.17 W/kg

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

Ratio of SAR at M2 to SAR at M1 = 62.6 %



## System Check\_Head\_5750MHz

### DUT: D5GHzV2 - SN1171

Communication System: CW; Frequency: 5750.000 MHz; Duty Cycle: 1:1  
Medium: HSL\_5G\_231016 Medium parameters used:  $f= 5750.000$  MHz;  $\sigma= 5.26$  S/m;  $\epsilon_r = 34.8$   
Ambient Temperature: 23.3°C; Liquid Temperature: 22.3°C

#### DASY6 Configuration:

- Probe: EX3DV4 - SN7785; ConvF(4.56, 4.37, 4.41); Calibrated: 2023-01-05
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn699; Calibrated: 2023-02-22
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 1919; Section: Flat
- Measurement Software: 16.2.4.2524
- UID: CW

**Pin=20.0dBm/Area Scan (40.0 mm x 80.0 mm):** Measurement Grid: 10.0 mm x 10.0 mm  
SAR (1g) = 6.91 W/kg; SAR (10g) = 1.96 W/kg;

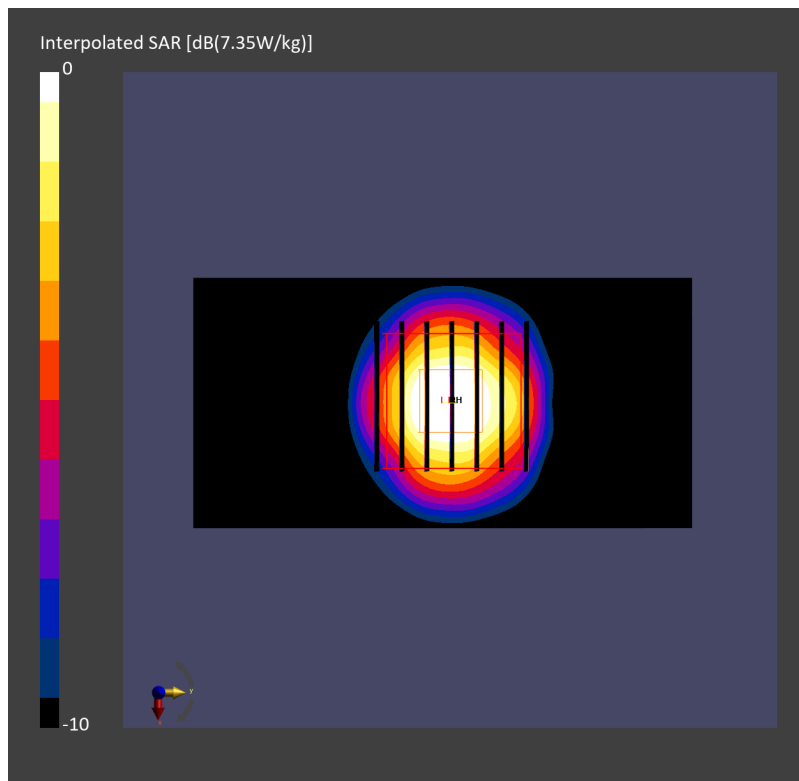
**Pin=20.0dBm/Zoom Scan (22.0 mm x 22.0 mm x 22.0 mm):** Measurement Grid: 4.0 mm x 4.0 mm x 1.4 mm

Power Drift = 0.02 dB

SAR (1g) = 7.35 W/kg; SAR (8g) = 2.45 W/kg; SAR (10g) = 2.11 W/kg

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

Ratio of SAR at M2 to SAR at M1 = 63.8 %



## System Check\_Head\_5750MHz

### DUT: D5GHzV2 - SN1171

Communication System: CW; Frequency: 5750.000 MHz; Duty Cycle: 1:1

Medium: HSL\_5G\_231016 Medium parameters used:  $f=5750.000$  MHz;  $\sigma=5.36$  S/m;  $\epsilon_r=35.8$

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

#### DASY6 Configuration:

- Probe: EX3DV4 - SN7791; ConvF(4.44, 4.92, 4.4); Calibrated: 2023-02-22
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1697; Calibrated: 2022-12-15
- Phantom: Twin-SAM V4.0 (30deg probe tilt); Serial: 1488; Section: Flat
- Measurement Software: 16.2.4.2524
- UID: CW

**Pin=20.0dBm/Area Scan (40.0 mm x 80.0 mm):** Measurement Grid: 10.0 mm x 10.0 mm

SAR (1g) = 7.49 W/kg; SAR (10g) = 2.15 W/kg;

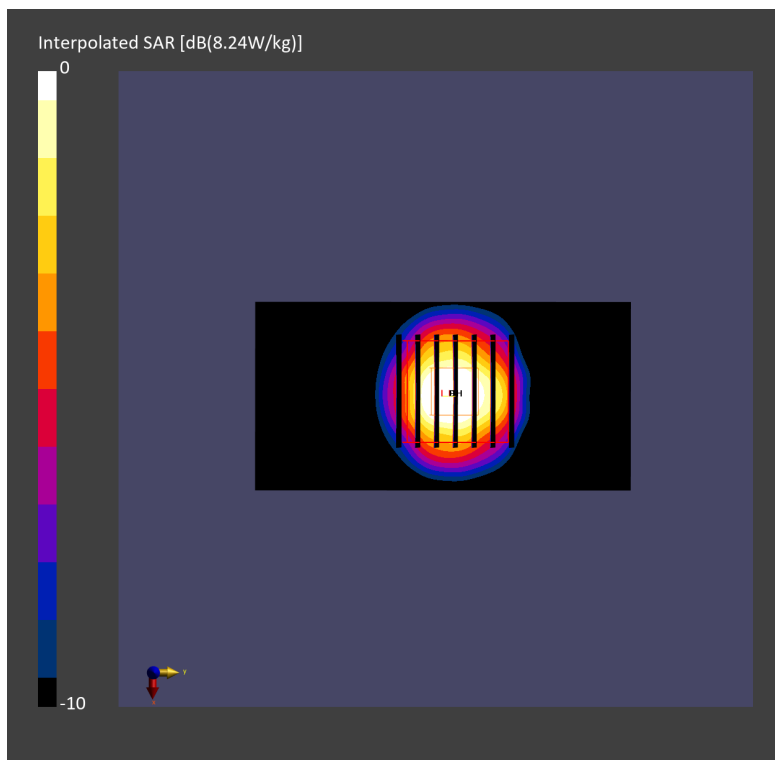
**Pin=20.0dBm/Zoom Scan (22.0 mm x 22.0 mm x 22.0 mm):** Measurement Grid: 4.0 mm x 4.0 mm x 1.4 mm

Power Drift = 0.01 dB

SAR (1g) = 8.24 W/kg; SAR (8g) = 2.74 W/kg; SAR (10g) = 2.36 W/kg

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

Ratio of SAR at M2 to SAR at M1 = 63.6 %



## System Check\_Head\_5750MHz

### DUT: D5GHzV2 - SN1171

Communication System: CW; Frequency: 5750.000 MHz; Duty Cycle: 1:1

Medium: HSL\_5G\_231017 Medium parameters used:  $f = 5750.000$  MHz;  $\sigma = 5.27$  S/m;  $\epsilon_r = 35.1$

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

#### DASY6 Configuration:

- Probe: EX3DV4 - SN7785; ConvF(4.56, 4.37, 4.41); Calibrated: 2023-01-05
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn699; Calibrated: 2023-02-22
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 1919; Section: Flat
- Measurement Software: 16.2.4.2524
- UID: CW

**Pin=20.0dBm/Area Scan (40.0 mm x 80.0 mm):** Measurement Grid: 10.0 mm x 10.0 mm  
SAR (1g) = 6.75 W/kg; SAR (10g) = 1.93 W/kg;

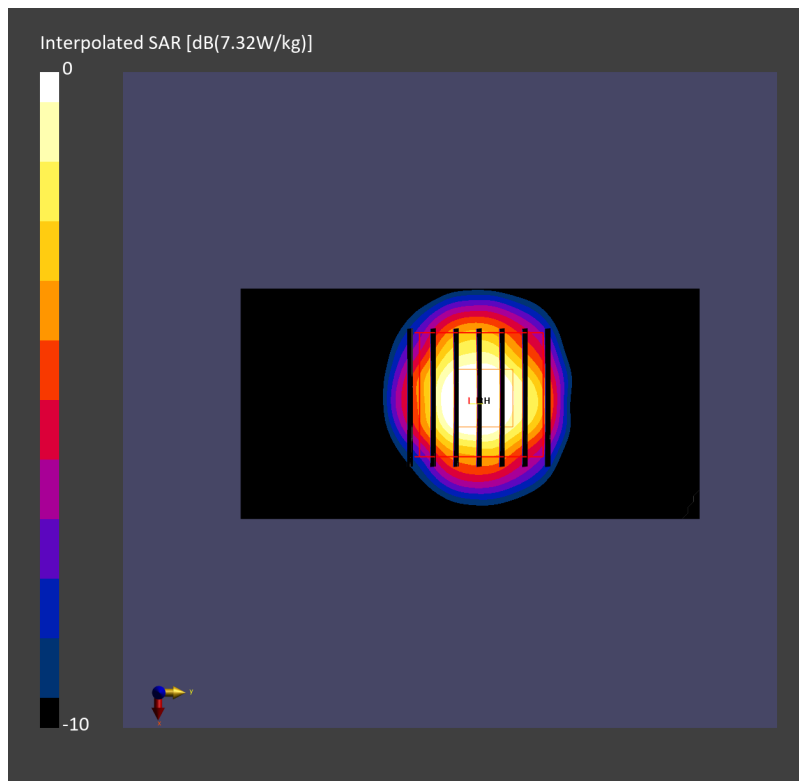
**Pin=20.0dBm/Zoom Scan (22.0 mm x 22.0 mm x 22.0 mm):** Measurement Grid: 4.0 mm x 4.0 mm x 1.4 mm

Power Drift = 0.05 dB

SAR (1g) = 7.32 W/kg; SAR (8g) = 2.42 W/kg; SAR (10g) = 2.08 W/kg

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

Ratio of SAR at M2 to SAR at M1 = 61.5 %



## System Check\_Head\_5750MHz

### DUT: D5GHzV2 - SN1171

Communication System: CW; Frequency: 5750.000 MHz; Duty Cycle: 1:1

Medium: HSL\_5G\_231018 Medium parameters used:  $f = 5750.000$  MHz;  $\sigma = 5.22$  S/m;  $\epsilon_r = 36.1$

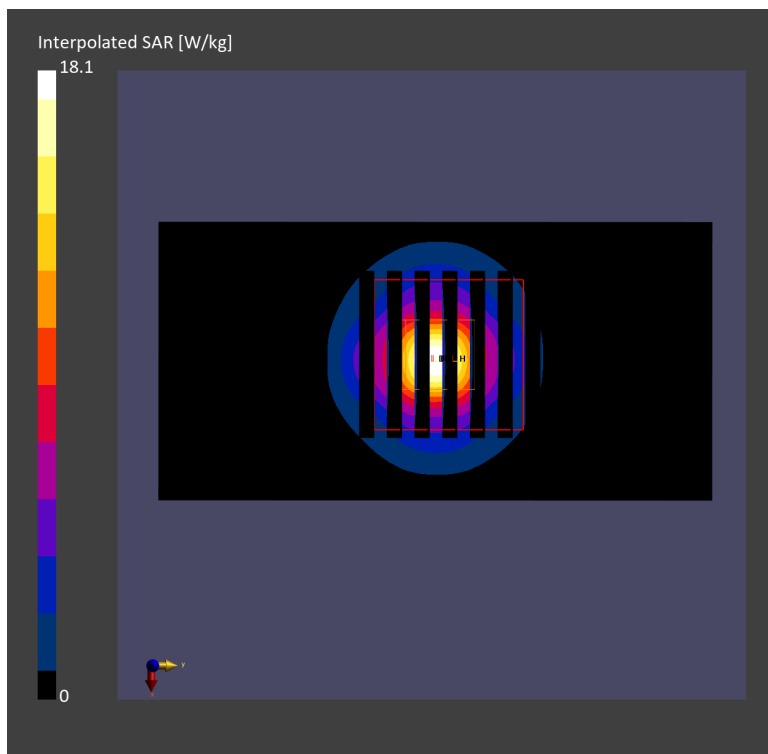
Ambient Temperature: 23.6°C; Liquid Temperature: 22.6°C

#### DASY8 Configuration:

- Probe: EX3DV4 - SN7692; ConvF(5.23, 5.12, 5.97); Calibrated: 2023-07-18
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn661; Calibrated: 2023-05-23
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2079; Section: Flat
- Measurement Software: 16.2.4.2524
- UID: CW

**Pin=17.0dBm/Area Scan (40.0 mm x 80.0 mm):** Measurement Grid: 10.0 mm x 10.0 mm  
SAR (1g) = 3.63 W/kg; SAR (10g) = 0.961 W/kg;

**Pin=17.0dBm/Zoom Scan (22.0 mm x 22.0 mm x 22.0 mm):** Measurement Grid: 4.0 mm x 4.0 mm x 1.4 mm  
Power Drift = -0.10 dB  
SAR (1g) = 4.13 W/kg; SAR (8g) = 1.30 W/kg; SAR (10g) = 1.11 W/kg  
Smallest distance from peaks to all points 3 dB below = 6.6 mm  
Ratio of SAR at M2 to SAR at M1 = 59.7 %



## System Check\_Head\_5750MHz

### DUT: D5GHzV2 - SN1171

Communication System: CW; Frequency: 5750.000 MHz; Duty Cycle: 1:1

Medium: HSL\_5G\_231018 Medium parameters used:  $f = 5750.000$  MHz;  $\sigma = 5.15$  S/m;  $\epsilon_r = 34.5$

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

#### DASY6 Configuration:

- Probe: EX3DV4 - SN7700; ConvF(5.24, 5.24, 5.24); Calibrated: 2023-01-24
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1707; Calibrated: 2022-12-15
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2079\_For Gap; Section: Flat
- Measurement Software: 16.2.4.2524
- UID: CW

**Pin=17dBm/Area Scan (40.0 mm x 80.0 mm):** Measurement Grid: 10.0 mm x 10.0 mm

SAR (1g) = 3.61 W/kg; SAR (10g) = 0.996 W/kg;

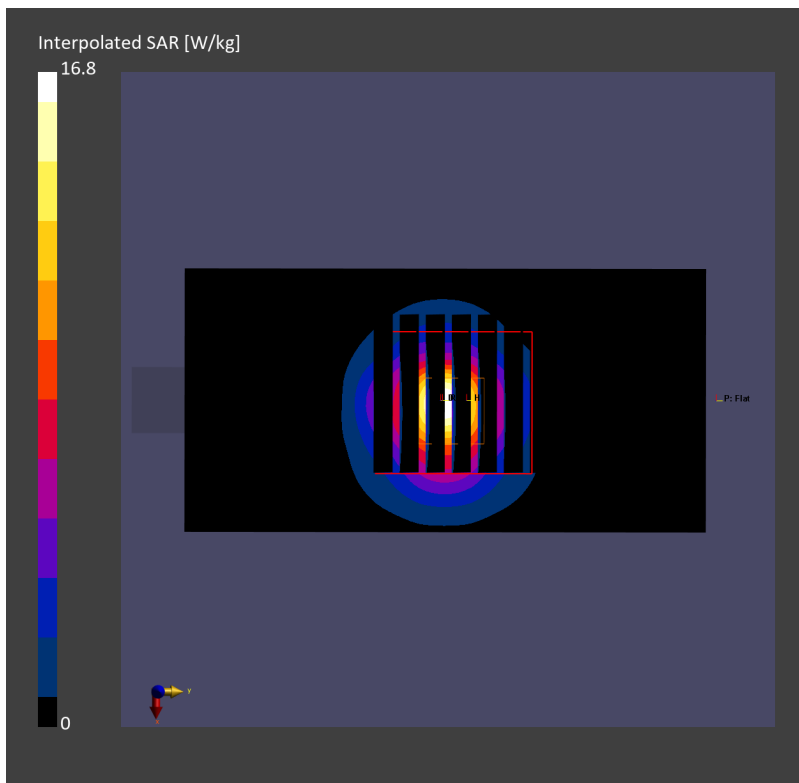
**Pin=17dBm/Zoom Scan (22.0 mm x 22.0 mm x 22.0 mm):** Measurement Grid: 4.0 mm x 4.0 mm x 1.4 mm

Power Drift = -0.00 dB

SAR (1g) = 4.04 W/kg; SAR (8g) = 1.27 W/kg; SAR (10g) = 1.08 W/kg

Smallest distance from peaks to all points 3 dB below = 6.9 mm

Ratio of SAR at M2 to SAR at M1 = 61.6 %





## System Check\_Head\_5850MHz

### DUT: D5GHzV2 - SN1006

Communication System: CW; Frequency: 5850.000 MHz; Duty Cycle: 1:1

Medium: HSL\_5G\_231017 Medium parameters used:  $f=5850.000$  MHz;  $\sigma=5.44$  S/m;  $\epsilon_r=35.5$

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

#### DASY6 Configuration:

- Probe: EX3DV4 - SN7625; ConvF(4.95, 4.95, 4.95); Calibrated: 2023-01-26
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1697; Calibrated: 2022-12-15
- Phantom: Twin-SAM V4.0 (30deg probe tilt); Serial: 1488; Section: Flat
- Measurement Software: 16.2.4.2524
- UID: CW

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

SAR (1g) = 3.38 W/kg; SAR (10g) = 1.02 W/kg;

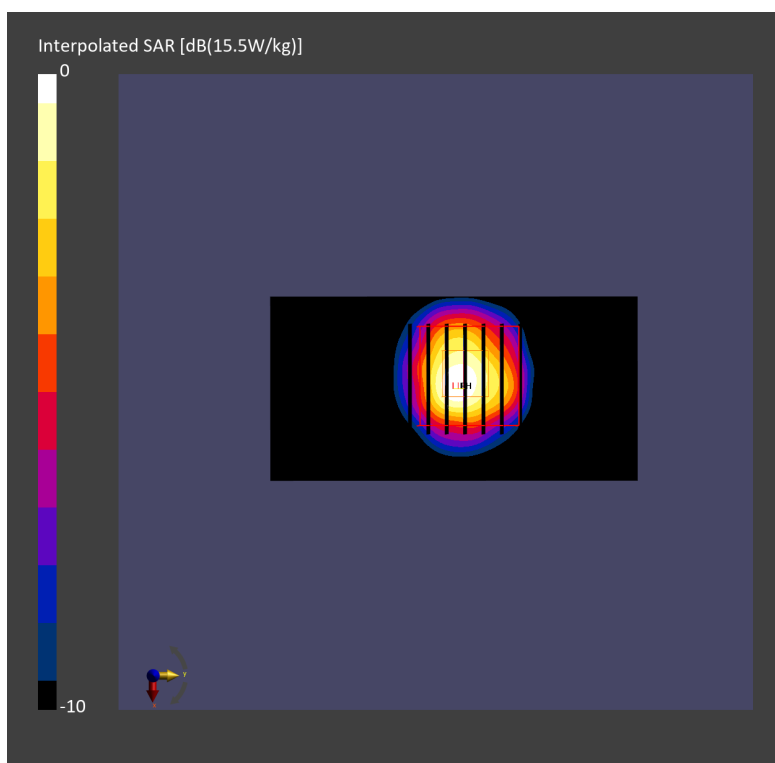
**Pin=17.0dBm/Zoom Scan (22.0 mm x 22.0 mm x 22.0 mm):** Measurement Grid: 4.0 mm x 4.0 mm x 1.4 mm

Power Drift = 0.01 dB

SAR (1g) = 3.93 W/kg; SAR (8g) = 1.39 W/kg; SAR (10g) = 1.20 W/kg

Smallest distance from peaks to all points 3 dB below = 7.6 mm

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



## System Check\_Head\_5850MHz

### DUT: D5GHzV2 - SN1171

Communication System: CW; Frequency: 5850.000 MHz; Duty Cycle: 1:1

Medium: HSL\_5G\_231018 Medium parameters used:  $f = 5850.000$  MHz;  $\sigma = 5.18$  S/m;  $\epsilon_r = 36.0$

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

#### DASY6 Configuration:

- Probe: EX3DV4 - SN7625; ConvF(4.95, 4.95, 4.95); Calibrated: 2023-01-26
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1697; Calibrated: 2022-12-15
- Phantom: Twin-SAM V4.0 (30deg probe tilt); Serial: 1488; Section: Flat
- Measurement Software: 16.2.4.2524
- UID: CW

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

SAR (1g) = 3.24 W/kg; SAR (10g) = 0.967 W/kg;

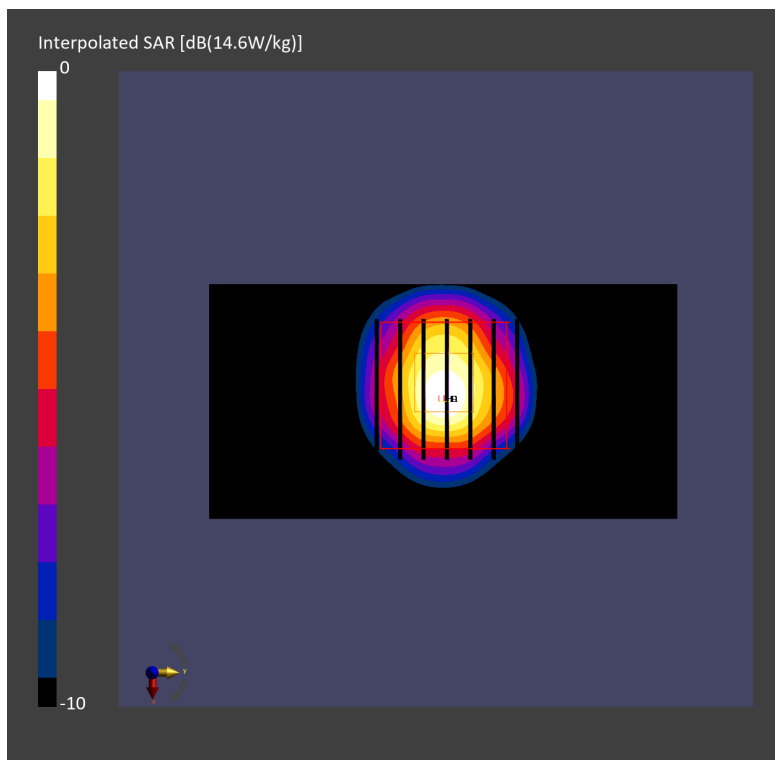
**Pin=17.0dBm/Zoom Scan (22.0 mm x 22.0 mm x 22.0 mm):** Measurement Grid: 4.0 mm x 4.0 mm x 1.4 mm

Power Drift = -0.04 dB

SAR (1g) = 3.78 W/kg; SAR (8g) = 1.36 W/kg; SAR (10g) = 1.18 W/kg

Smallest distance from peaks to all points 3 dB below = 7.6 mm

Ratio of SAR at M2 to SAR at M1 = 63.4 %



## System Check\_Head\_6500MHz

### DUT: D6.5GHzV2-1003

Communication System: CW; Frequency: 6500.000 MHz; Duty Cycle: 1:1

Medium: HSL\_6G\_231013 Medium parameters used:  $f=6500.000$  MHz;  $\sigma=6.31$  S/m;  $\epsilon_r=35.2$

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

#### DASY6 Configuration:

- Probe: EX3DV4 - SN7791; ConvF(5.07, 5.47, 4.84); Calibrated: 2023-02-22
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1697; Calibrated: 2022-12-15
- Phantom: Twin-SAM V4.0 (30deg probe tilt); Serial: 1488; Section: Flat
- Measurement Software: 16.2.4.2524
- UID: CW

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

SAR (1g) = 22.5 W/kg; SAR (10g) = 4.40 W/kg;

**Pin=20.0dBm/Zoom Scan (23.8 mm x 23.8 mm x 22.0 mm):** Measurement Grid: 3.4 mm x 3.4 mm x 1.4 mm

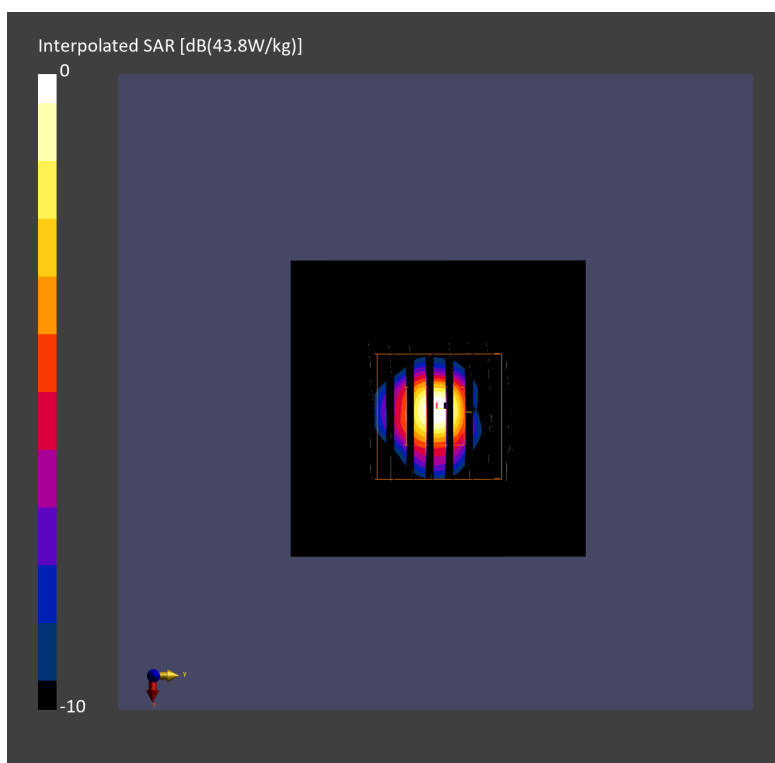
Power Drift = 0.01 dB

SAR (1g) = 27.4 W/kg; SAR (8g) = 6.10 W/kg; SAR (10g) = 5.00 W/kg

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

Ratio of SAR at M2 to SAR at M1 = 52.1 %

psAPD (1.0cm<sup>2</sup>, sq) = 274 [W/m<sup>2</sup>]; psAPD (4.0cm<sup>2</sup>, sq) = 122 [W/m<sup>2</sup>]



## System Check\_Head\_6500MHz

### DUT: D6.5GHzV2 - SN1003

Communication System: CW; Frequency: 6500.000 MHz; Duty Cycle: 1:1

Medium: HSL\_6G\_231014 Medium parameters used:  $f=6500.000$  MHz;  $\sigma=5.97$  S/m;  $\epsilon_r=34.2$

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

#### DASY6 Configuration:

- Probe: EX3DV4 - SN7791; ConvF(5.07, 5.47, 4.84); Calibrated: 2023-02-22
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1697; Calibrated: 2022-12-15
- Phantom: Twin-SAM V4.0 (30deg probe tilt); Serial: 1488; Section: Flat
- Measurement Software: 16.2.4.2524
- UID: CW

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

SAR (1g) = 24.4 W/kg; SAR (10g) = 5.34 W/kg;

**Pin=20.0dBm/Zoom Scan (23.8 mm x 23.8 mm x 22.0 mm):** Measurement Grid: 3.4 mm x 3.4 mm x 1.4 mm

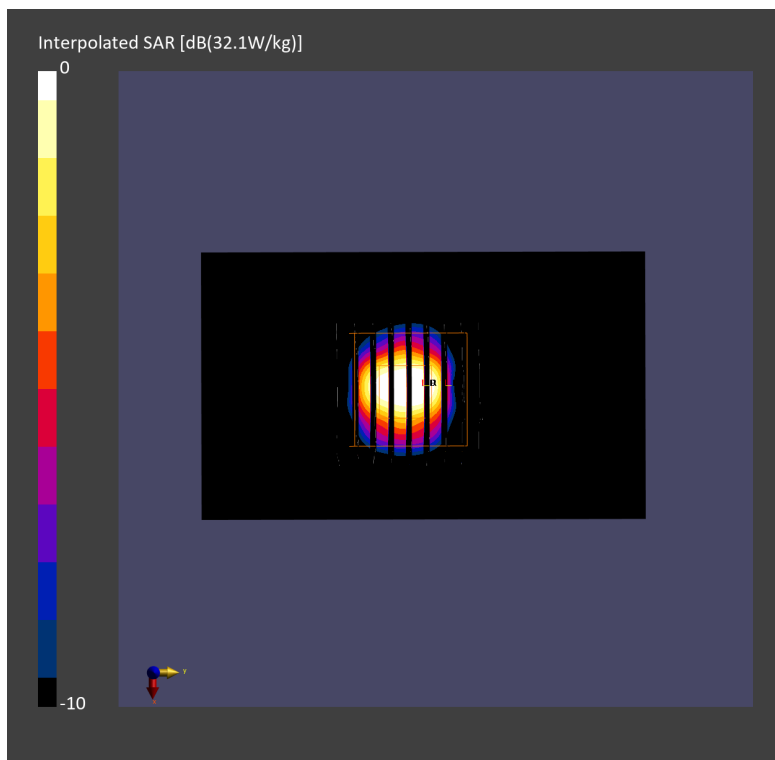
Power Drift = 0.02 dB

SAR (1g) = 32.1 W/kg; SAR (8g) = 7.22 W/kg; SAR (10g) = 5.94 W/kg

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

Ratio of SAR at M2 to SAR at M1 = 50.6 %

psAPD (1.0cm<sup>2</sup>, sq) = 321 [W/m<sup>2</sup>]; psAPD (4.0cm<sup>2</sup>, sq) = 144 [W/m<sup>2</sup>]



**Measurement Report for Device  
Device Under Test Properties**

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
Device,	70.0 x 50.0 x 8.0		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**

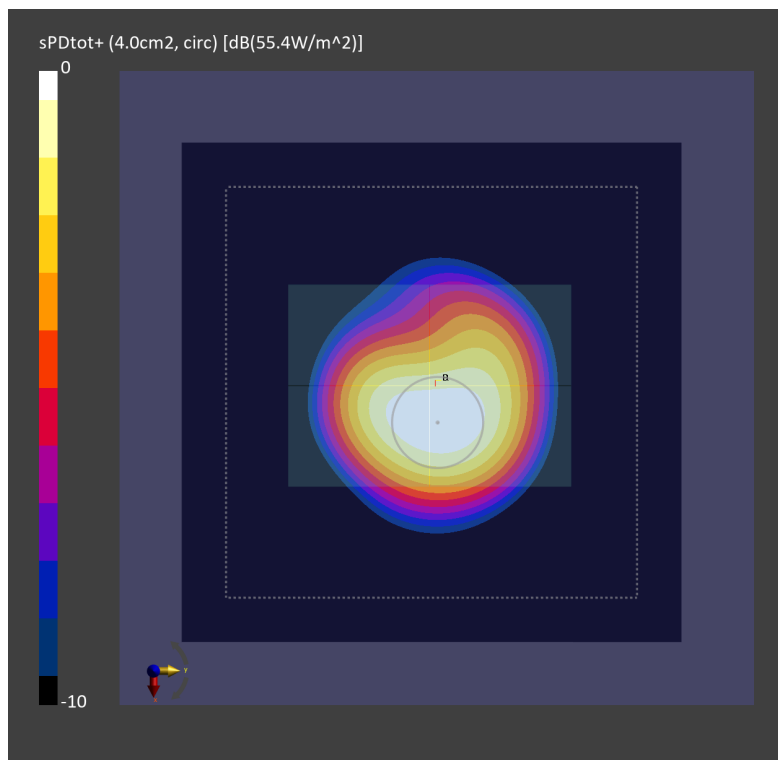
Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
mmWave - xxxx	Air -	EUmmWV4 - SN9441_F1-55GHz, 2022-11-18	DAE4 Sn1424, 2023-01-09

**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	2023-10-27
Avg. Area [cm <sup>2</sup> ]	4.00
psPDn+ [W/m <sup>2</sup> ]	48.9
psPDtot+ [W/m <sup>2</sup> ]	55.4
H <sub>max</sub> [A/m]	0.429
E <sub>max</sub> [V/m]	165
max <sub>(Stot)</sub> [W/m <sup>2</sup> ]	65.7
Power Drift [dB]	0.03



## Measurement Report for Device

### Device Under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
Device,	70.0 x 50.0 x 8.0		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 - 1044	Air -	EUmmWV3 - SN9424_F1-55GHz, 2023-03-21	DAE4 Sn656, 2023-01-23

### 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	2023-11-14
Avg. Area [cm <sup>2</sup> ]	4.00
psPDn+ [W/m <sup>2</sup> ]	51.2
psPDtot+ [W/m <sup>2</sup> ]	51.3
H <sub>max</sub> [A/m]	0.420
E <sub>max</sub> [V/m]	148
max <sub>(Stot)</sub> [W/m <sup>2</sup> ]	60.0
Power Drift [dB]	-0.00

