

System Check_Head_3900MHz

DUT: D3900V2 - SN1017

Communication System: CW; Frequency: 3900.000 MHz

Medium: HSL_600-7200_251126 Medium parameters used: $f = 3900.000$ MHz; $\sigma = 3.07$ S/m; $\epsilon_r = 39.2$

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

DASY6 Configuration:

- Probe: EX3DV4 - SN3642; ConvF(5.96, 5.39, 6.86); Calibrated: 2025-04-24
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1311; Calibrated: 2025-06-11
- Phantom: Twin-SAM V5.0 (30deg probe tilt); Serial: 1719; Section: Flat
- Measurement Software: 16.4.0.5005
- UID: CW, 0--

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

SAR (1g) = 6.96 W/kg; SAR (10g) = 2.42 W/kg;

TSL Correction: Positive only

Pin=20.0dBm/Zoom Scan (30.0 mm x 30.0 mm x 29.1 mm): Measurement Grid: 5.0 mm x 5.0 mm x 1.4 mm

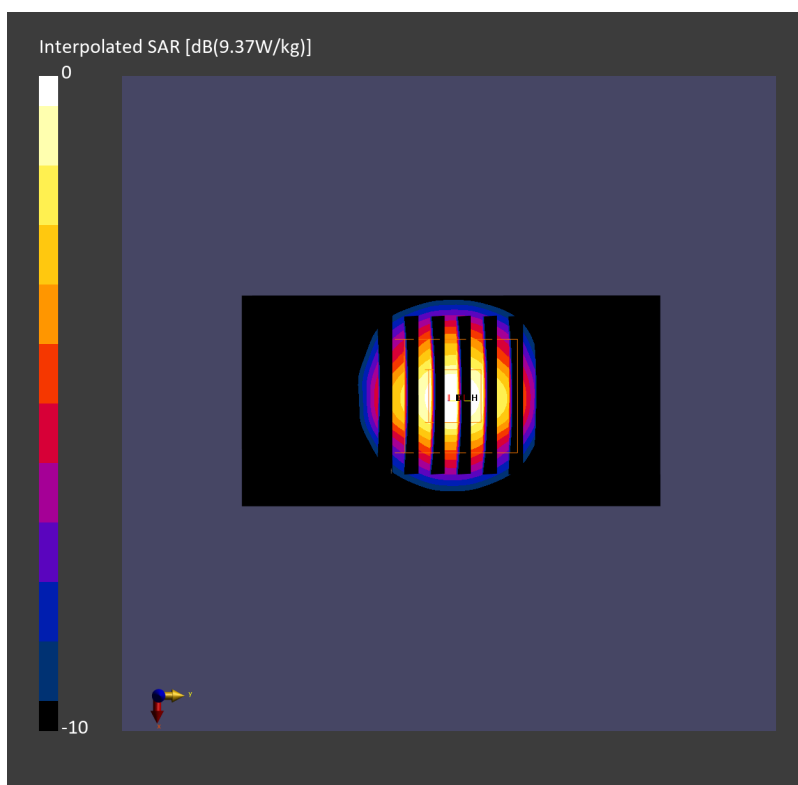
Power Drift = 0.02 dB

SAR (1g) = 7.11 W/kg; SAR (8g) = 2.88 W/kg; SAR (10g) = 2.53 W/kg

Smallest distance from peaks to all points 3 dB below = 8.0 mm

Ratio of SAR at M2 to SAR at M1 = 74.9 %

TSL Correction: Positive only



System Check_Head_3900MHz

DUT: D3900V2 - SN1017

Communication System: CW; Frequency: 3900.000 MHz

Medium: HSL_600-7200_251128 Medium parameters used: $f = 3900.000$ MHz; $\sigma = 3.06$ S/m; $\epsilon_r = 39.0$

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

DASY6 Configuration:

- Probe: EX3DV4 - SN3642; ConvF(5.96, 5.39, 6.86); Calibrated: 2025-04-24
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1311; Calibrated: 2025-06-11
- Phantom: Twin-SAM V5.0 (30deg probe tilt); Serial: 1719; Section: Flat
- Measurement Software: 16.4.0.5005
- UID: CW, 0--

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

SAR (1g) = 6.95 W/kg; SAR (10g) = 2.41 W/kg;

TSL Correction: Positive only

Pin=20.0dBm/Zoom Scan (30.0 mm x 30.0 mm x 29.1 mm): Measurement Grid: 5.0 mm x 5.0 mm x 1.4 mm

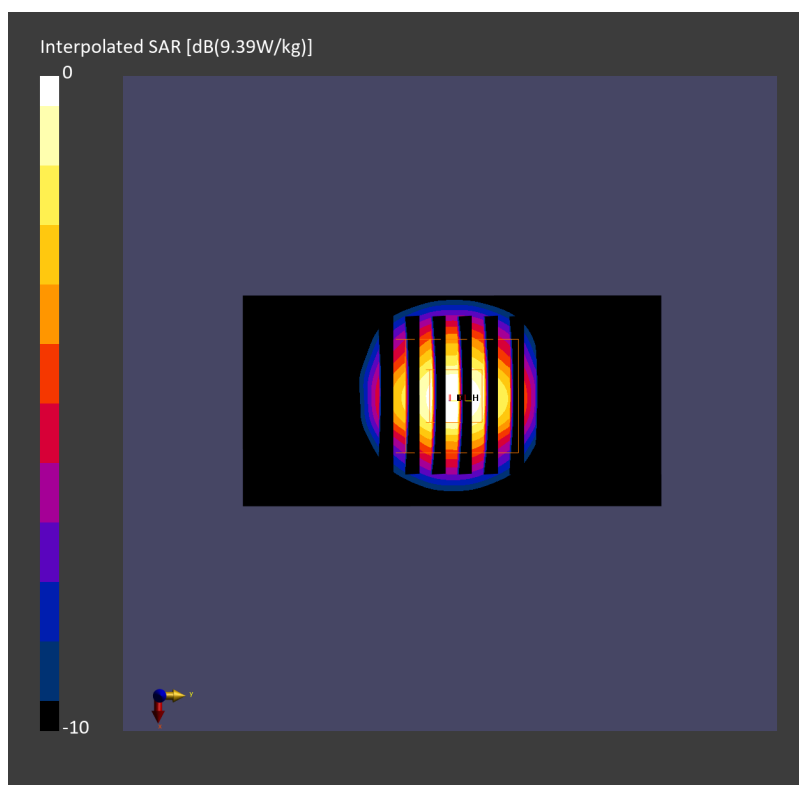
Power Drift = 0.01 dB

SAR (1g) = 7.07 W/kg; SAR (8g) = 2.87 W/kg; SAR (10g) = 2.52 W/kg

Smallest distance from peaks to all points 3 dB below = 8.0 mm

Ratio of SAR at M2 to SAR at M1 = 74.8 %

TSL Correction: Positive only



System Check_Head_3900MHz

DUT: D3900V2 - SN1017

Communication System: CW; Frequency: 3900.000 MHz

Medium: HSL_600-7200_251129 Medium parameters used: $f = 3900.000$ MHz; $\sigma = 3.12$ S/m; $\epsilon_r = 39.9$

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

DASY6 Configuration:

- Probe: EX3DV4 - SN3642; ConvF(5.96, 5.39, 6.86); Calibrated: 2025-04-24
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1311; Calibrated: 2025-06-11
- Phantom: Twin-SAM V5.0 (30deg probe tilt); Serial: 1719; Section: Flat
- Measurement Software: 16.4.0.5005
- UID: CW, 0--

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

SAR (1g) = 7.22 W/kg; SAR (10g) = 2.51 W/kg;

TSL Correction: Positive only

Pin=20.0dBm/Zoom Scan (30.0 mm x 30.0 mm x 29.1 mm): Measurement Grid: 5.0 mm x 5.0 mm x 1.4 mm

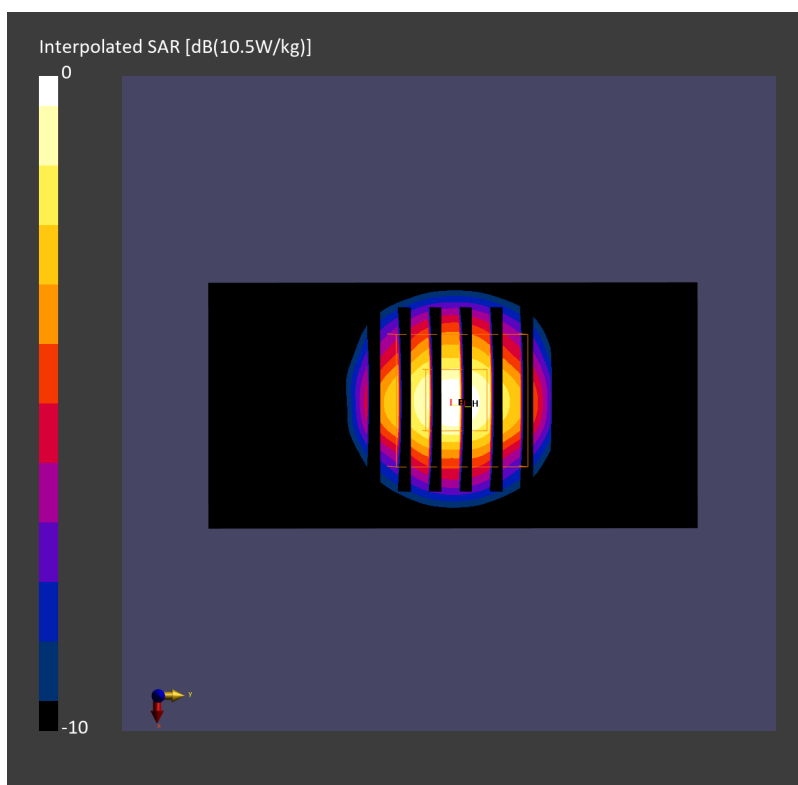
Power Drift = -0.02 dB

SAR (1g) = 7.28 W/kg; SAR (8g) = 2.95 W/kg; SAR (10g) = 2.60 W/kg

Smallest distance from peaks to all points 3 dB below = 8.0 mm

Ratio of SAR at M2 to SAR at M1 = 74.9 %

TSL Correction: Positive only



System Check_Head_3900MHz

DUT: D3900V2 - SN1017

Communication System: CW; Frequency: 3900.000 MHz

Medium: HSL_600-7200_251130 Medium parameters used: $f = 3900.000$ MHz; $\sigma = 3.05$ S/m; $\epsilon_r = 37.8$

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

DASY6 Configuration:

- Probe: EX3DV4 - SN3642; ConvF(5.96, 5.39, 6.86); Calibrated: 2025-04-24
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1311; Calibrated: 2025-06-11
- Phantom: Twin-SAM V5.0 (30deg probe tilt); Serial: 1719; Section: Flat
- Measurement Software: 16.4.0.5005
- UID: CW, 0--

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

SAR (1g) = 7.04 W/kg; SAR (10g) = 2.43 W/kg;

TSL Correction: Positive only

Pin=20.0dBm/Zoom Scan (30.0 mm x 30.0 mm x 29.1 mm): Measurement Grid: 5.0 mm x 5.0 mm x 1.4 mm

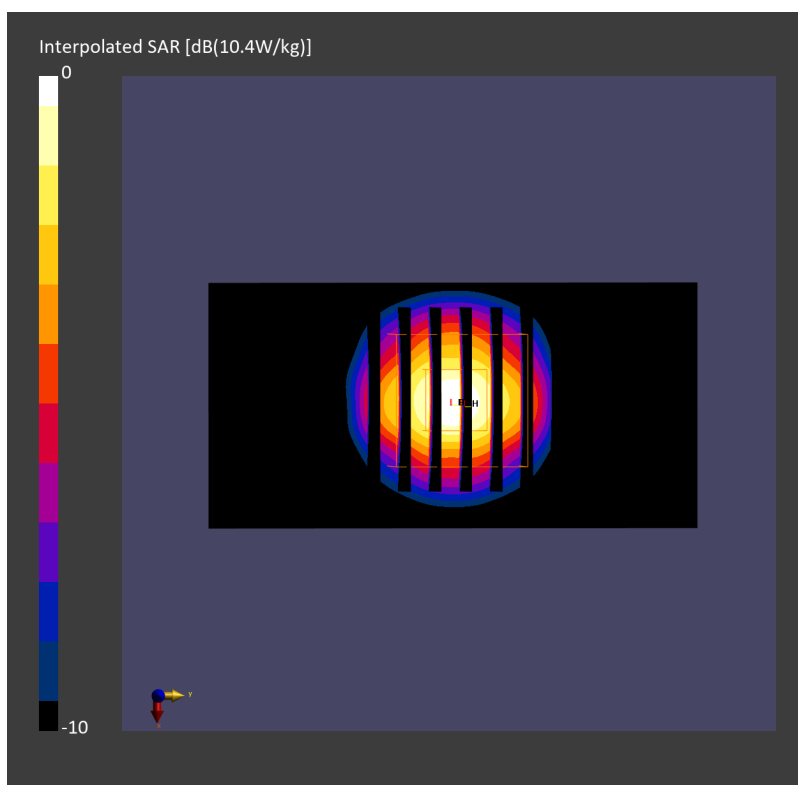
Power Drift = 0.02 dB

SAR (1g) = 7.05 W/kg; SAR (8g) = 2.85 W/kg; SAR (10g) = 2.50 W/kg

Smallest distance from peaks to all points 3 dB below = 8.0 mm

Ratio of SAR at M2 to SAR at M1 = 74.8 %

TSL Correction: Positive only



System Check_Head_3900MHz

DUT: D3900V2 - SN1017

Communication System: CW; Frequency: 3900.000 MHz

Medium: HSL_600-7200_251202 Medium parameters used: $f = 3900.000$ MHz; $\sigma = 3.05$ S/m; $\epsilon_r = 38.9$

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

DASY6 Configuration:

- Probe: EX3DV4 - SN3925; ConvF(6.47, 6.29, 6.37); Calibrated: 2025-04-28
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn703; Calibrated: 2025-04-17
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2149; Section: Flat
- Measurement Software: 16.4.0.5005
- UID: CW, 0--

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

SAR (1g) = 7.11 W/kg; SAR (10g) = 2.48 W/kg;

TSL Correction: Positive only

Pin=20.0dBm/Zoom Scan (30.0 mm x 30.0 mm x 29.1 mm): Measurement Grid: 5.0 mm x 5.0 mm x 1.4 mm

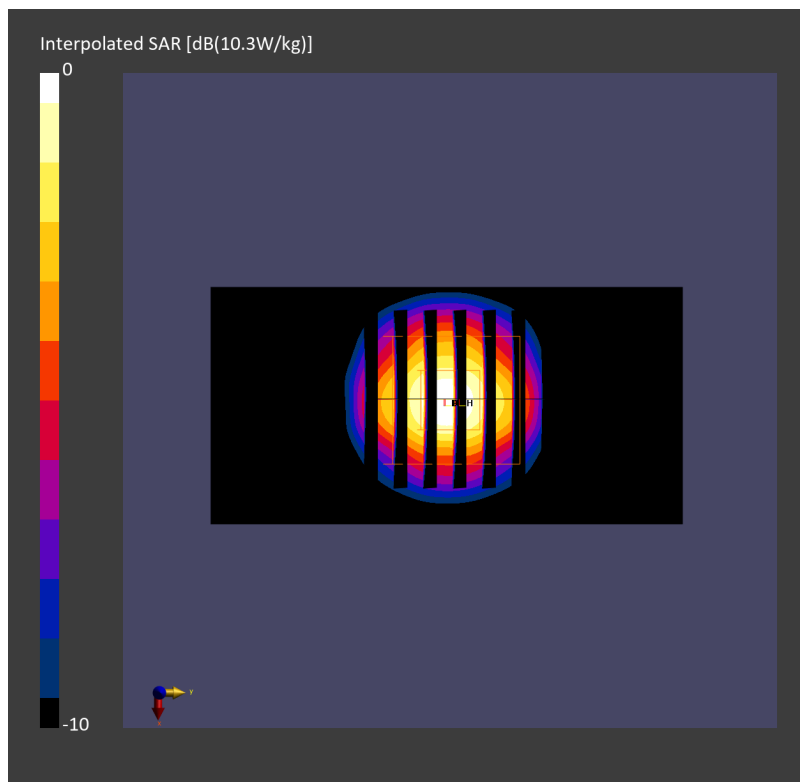
Power Drift = 0.02 dB

SAR (1g) = 7.23 W/kg; SAR (8g) = 2.92 W/kg; SAR (10g) = 2.56 W/kg

Smallest distance from peaks to all points 3 dB below = 8.0 mm

Ratio of SAR at M2 to SAR at M1 = 74.2 %

TSL Correction: Positive only



System Check_Head_3900MHz

DUT: D3900V2 - SN1017

Communication System: CW; Frequency: 3900.000 MHz

Medium: HSL_600-7200_251203 Medium parameters used: $f = 3900.000$ MHz; $\sigma = 3.10$ S/m; $\epsilon_r = 38.7$

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

DASY6 Configuration:

- Probe: EX3DV4 - SN3925; ConvF(6.47, 6.29, 6.37); Calibrated: 2025-04-28
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn703; Calibrated: 2025-04-17
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2149; Section: Flat
- Measurement Software: 16.4.0.5005
- UID: CW, 0--

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

SAR (1g) = 7.22 W/kg; SAR (10g) = 2.52 W/kg;

TSL Correction: Positive only

Pin=20.0dBm/Zoom Scan (30.0 mm x 30.0 mm x 29.1 mm): Measurement Grid: 5.0 mm x 5.0 mm x 1.4 mm

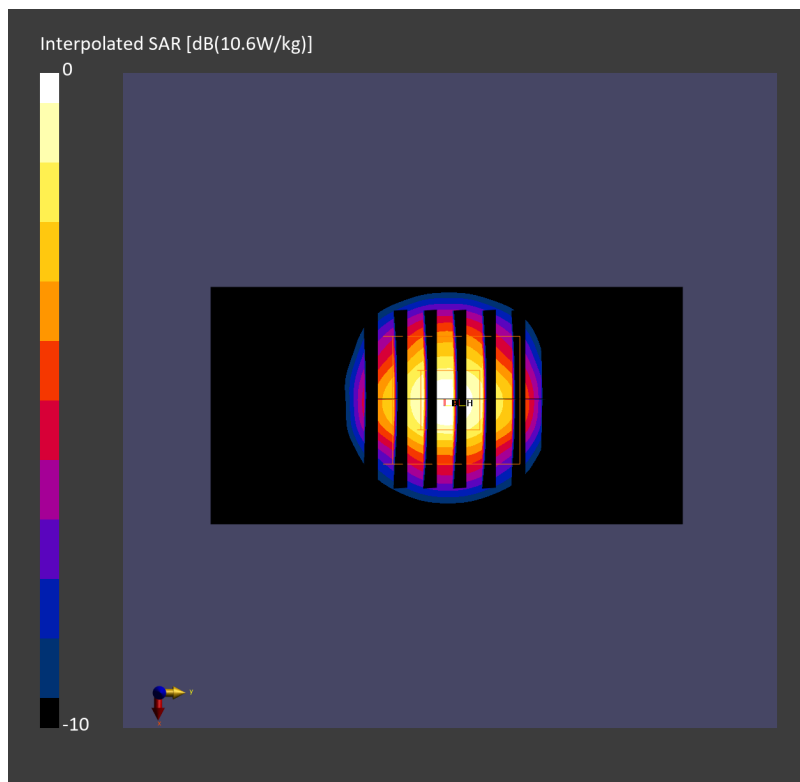
Power Drift = -0.13 dB

SAR (1g) = 7.29 W/kg; SAR (8g) = 2.95 W/kg; SAR (10g) = 2.59 W/kg

Smallest distance from peaks to all points 3 dB below = 8.0 mm

Ratio of SAR at M2 to SAR at M1 = 74.3 %

TSL Correction: Positive only



System Check_Head_3900MHz

DUT: D3900V2 - SN1017

Communication System: CW; Frequency: 3900.000 MHz

Medium: HSL_600-7200_251204 Medium parameters used: $f = 3900.000$ MHz; $\sigma = 3.09$ S/m; $\epsilon_r = 38.8$

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

DASY6 Configuration:

- Probe: EX3DV4 - SN3925; ConvF(6.47, 6.29, 6.37); Calibrated: 2025-04-28
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn703; Calibrated: 2025-04-17
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2149; Section: Flat
- Measurement Software: 16.4.0.5005
- UID: CW, 0--

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

SAR (1g) = 7.25 W/kg; SAR (10g) = 2.53 W/kg;

TSL Correction: Positive only

Pin=20.0dBm/Zoom Scan (30.0 mm x 30.0 mm x 29.1 mm): Measurement Grid: 5.0 mm x 5.0 mm x 1.4 mm

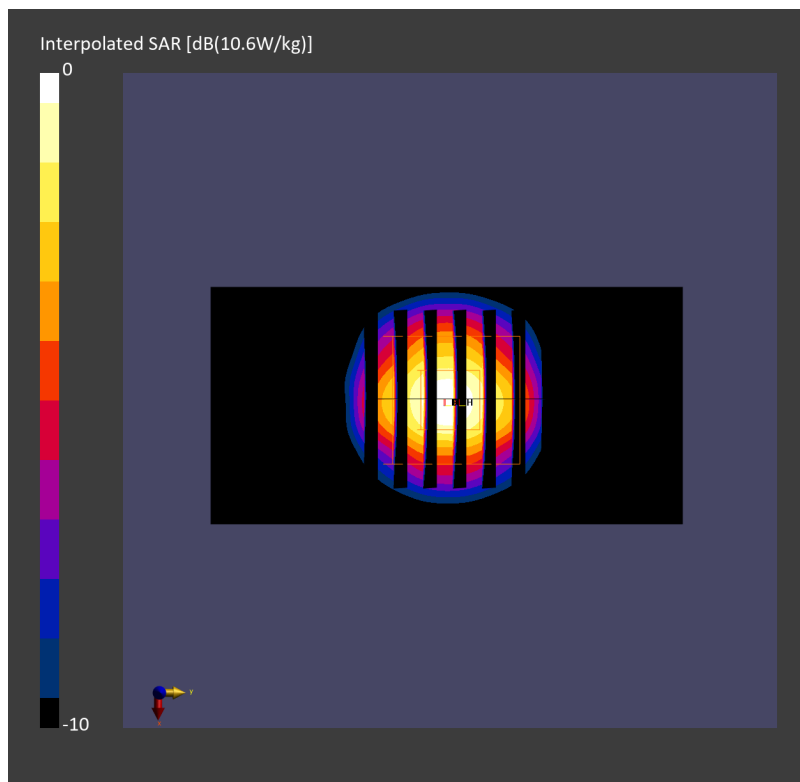
Power Drift = 0.01 dB

SAR (1g) = 7.35 W/kg; SAR (8g) = 2.97 W/kg; SAR (10g) = 2.61 W/kg

Smallest distance from peaks to all points 3 dB below = 8.0 mm

Ratio of SAR at M2 to SAR at M1 = 74.4 %

TSL Correction: Positive only



System Check_Head_3900MHz

DUT: D3900V2 - SN1017

Communication System: CW; Frequency: 3900.000 MHz

Medium: HSL_600-7200_251206 Medium parameters used: $f = 3900.000$ MHz; $\sigma = 3.04$ S/m; $\epsilon_r = 37.5$

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

DASY6 Configuration:

- Probe: EX3DV4 - SN3925; ConvF(6.47, 6.29, 6.37); Calibrated: 2025-04-28
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn703; Calibrated: 2025-04-17
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2149; Section: Flat
- Measurement Software: 16.4.0.5005
- UID: CW, 0--

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

SAR (1g) = 7.05 W/kg; SAR (10g) = 2.46 W/kg;

TSL Correction: Positive only

Pin=20.0dBm/Zoom Scan (30.0 mm x 30.0 mm x 29.1 mm): Measurement Grid: 5.0 mm x 5.0 mm x 1.4 mm

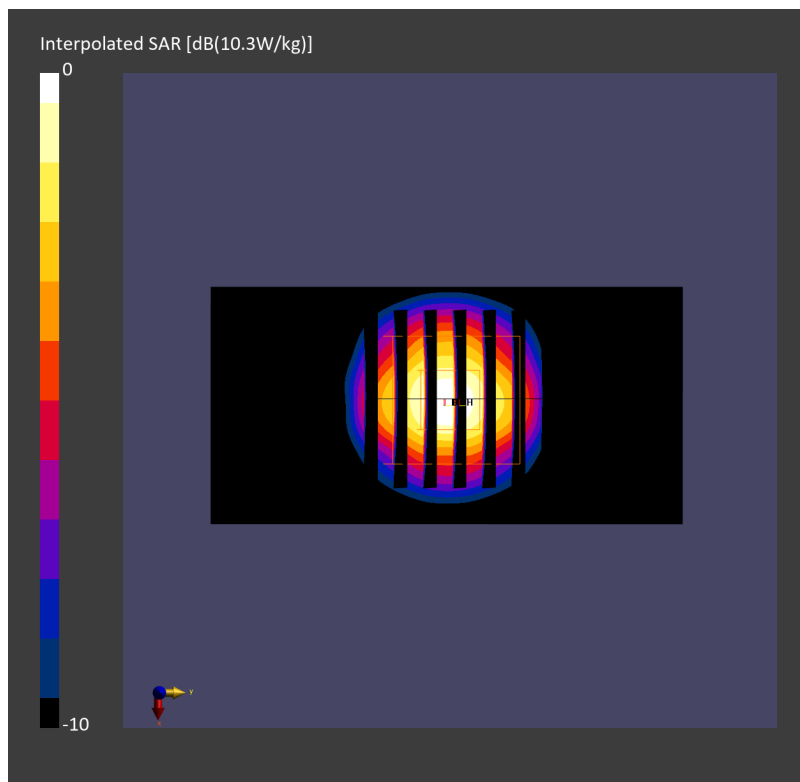
Power Drift = -0.09 dB

SAR (1g) = 7.14 W/kg; SAR (8g) = 2.88 W/kg; SAR (10g) = 2.53 W/kg

Smallest distance from peaks to all points 3 dB below = 8.0 mm

Ratio of SAR at M2 to SAR at M1 = 74.2 %

TSL Correction: Positive only



System Check_Head_3900MHz

DUT: D3900V2 - SN1017

Communication System: CW; Frequency: 3900.000 MHz

Medium: HSL_600-7200_251209 Medium parameters used: $f = 3900.000$ MHz; $\sigma = 3.08$ S/m; $\epsilon_r = 39.3$

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

DASY6 Configuration:

- Probe: EX3DV4 - SN3925; ConvF(6.47, 6.29, 6.37); Calibrated: 2025-04-28
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn703; Calibrated: 2025-04-17
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2149; Section: Flat
- Measurement Software: 16.4.0.5005
- UID: CW, 0--

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

SAR (1g) = 7.26 W/kg; SAR (10g) = 2.53 W/kg;

TSL Correction: Positive only

Pin=20.0dBm/Zoom Scan (30.0 mm x 30.0 mm x 29.1 mm): Measurement Grid: 5.0 mm x 5.0 mm x 1.4 mm

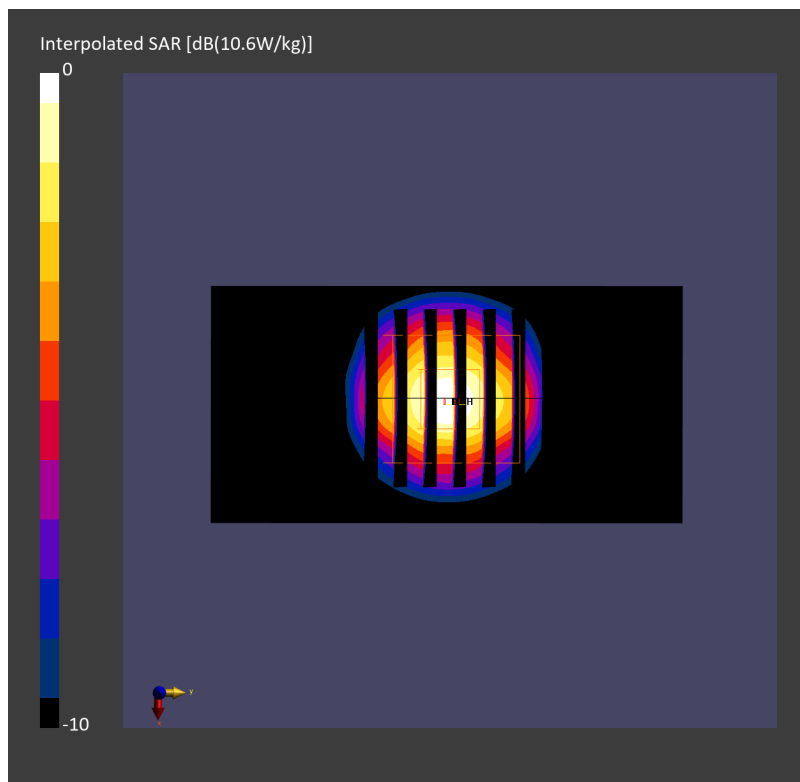
Power Drift = -0.12 dB

SAR (1g) = 7.38 W/kg; SAR (8g) = 2.98 W/kg; SAR (10g) = 2.62 W/kg

Smallest distance from peaks to all points 3 dB below = 8.0 mm

Ratio of SAR at M2 to SAR at M1 = 74.3 %

TSL Correction: Positive only



System Check_Head_3900MHz

DUT: D3900V2 - SN1017

Communication System: CW; Frequency: 3900.000 MHz

Medium: HSL_600-7200_251210 Medium parameters used: $f = 3900.000$ MHz; $\sigma = 3.06$ S/m; $\epsilon_r = 38.3$

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

DASY6 Configuration:

- Probe: EX3DV4 - SN3925; ConvF(6.47, 6.29, 6.37); Calibrated: 2025-04-28
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn703; Calibrated: 2025-04-17
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2149; Section: Flat
- Measurement Software: 16.4.0.5005
- UID: CW, 0--

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

SAR (1g) = 7.11 W/kg; SAR (10g) = 2.48 W/kg;

TSL Correction: Positive only

Pin=20.0dBm/Zoom Scan (30.0 mm x 30.0 mm x 29.1 mm): Measurement Grid: 5.0 mm x 5.0 mm x 1.4 mm

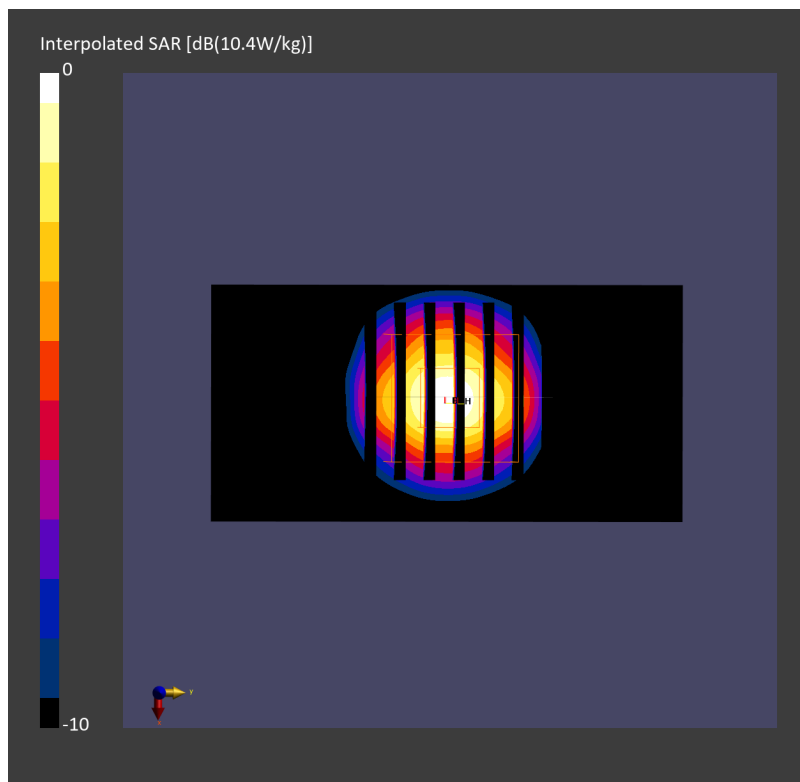
Power Drift = -0.01 dB

SAR (1g) = 7.27 W/kg; SAR (8g) = 2.93 W/kg; SAR (10g) = 2.57 W/kg

Smallest distance from peaks to all points 3 dB below = 8.0 mm

Ratio of SAR at M2 to SAR at M1 = 75.5 %

TSL Correction: Positive only



System Check_Head_3900MHz

DUT: D3900V2 - SN1017

Communication System: CW; Frequency: 3900.000 MHz

Medium: HSL_600-7200_251212 Medium parameters used: $f = 3900.000$ MHz; $\sigma = 3.08$ S/m; $\epsilon_r = 40.2$

Ambient Temperature: 23.2°C; Liquid Temperature: 22.2°C

DASY6 Configuration:

- Probe: EX3DV4 - SN3925; ConvF(6.47, 6.29, 6.37); Calibrated: 2025-04-28
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn703; Calibrated: 2025-04-17
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2149; Section: Flat
- Measurement Software: 16.4.0.5005
- UID: CW, 0--

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

SAR (1g) = 7.28 W/kg; SAR (10g) = 2.54 W/kg;

TSL Correction: Positive only

Pin=20.0dBm/Zoom Scan (30.0 mm x 30.0 mm x 29.1 mm): Measurement Grid: 5.0 mm x 5.0 mm x 1.4 mm

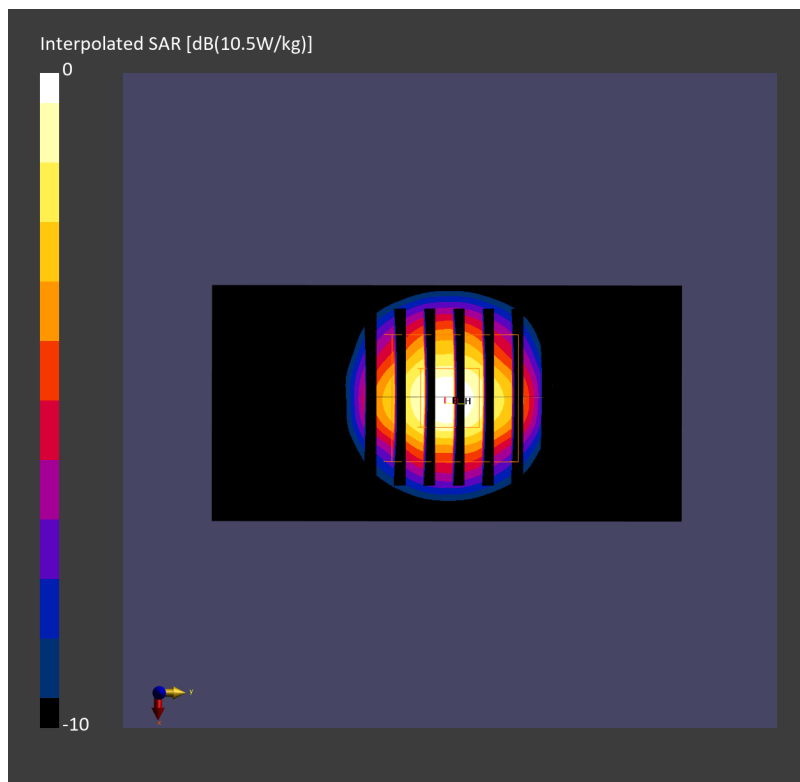
Power Drift = -0.13 dB

SAR (1g) = 7.33 W/kg; SAR (8g) = 2.96 W/kg; SAR (10g) = 2.60 W/kg

Smallest distance from peaks to all points 3 dB below = 8.0 mm

Ratio of SAR at M2 to SAR at M1 = 74.3 %

TSL Correction: Positive only



System Check_Head_3900MHz

DUT: D3900V2 - SN1017

Communication System: CW; Frequency: 3900.000 MHz

Medium: HSL_600-7200_251223 Medium parameters used: $f = 3900.000$ MHz; $\sigma = 3.07$ S/m; $\epsilon_r = 39.5$

Ambient Temperature: 23.1°C; Liquid Temperature: 22.1°C

DASY6 Configuration:

- Probe: EX3DV4 - SN3642; ConvF(5.96, 5.39, 6.86); Calibrated: 2025-04-24
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1311; Calibrated: 2025-06-11
- Phantom: Twin-SAM V5.0 (30deg probe tilt); Serial: 1719; Section: Flat
- Measurement Software: 16.4.0.5005
- UID: CW, 0--

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

SAR (1g) = 7.07 W/kg; SAR (10g) = 2.45 W/kg;

TSL Correction: Positive only

Pin=20.0dBm/Zoom Scan (30.0 mm x 30.0 mm x 29.1 mm): Measurement Grid: 5.0 mm x 5.0 mm x 1.4 mm

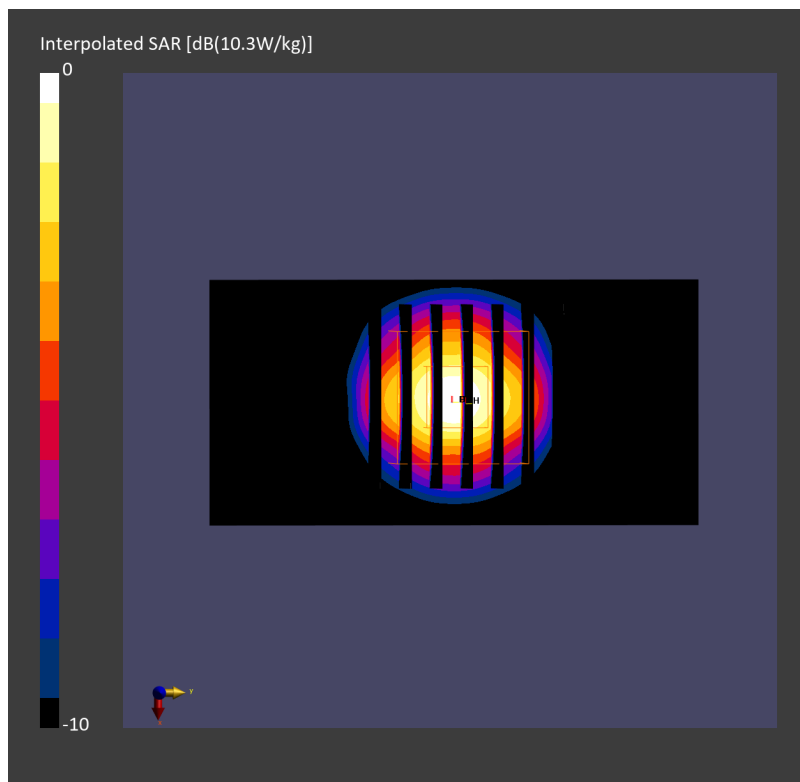
Power Drift = 0.01 dB

SAR (1g) = 7.16 W/kg; SAR (8g) = 2.89 W/kg; SAR (10g) = 2.54 W/kg

Smallest distance from peaks to all points 3 dB below = 8.0 mm

Ratio of SAR at M2 to SAR at M1 = 74.9 %

TSL Correction: Positive only



System Check_Head_3900MHz

DUT: D3900V2 - SN1017

Communication System: CW; Frequency: 3900.000 MHz

Medium: HSL_600-7200_251224 Medium parameters used: $f = 3900.000$ MHz; $\sigma = 3.07$ S/m; $\epsilon_r = 37.9$

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

DASY6 Configuration:

- Probe: EX3DV4 - SN3642; ConvF(5.96, 5.39, 6.86); Calibrated: 2025-04-24
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1311; Calibrated: 2025-06-11
- Phantom: Twin-SAM V5.0 (30deg probe tilt); Serial: 1719; Section: Flat
- Measurement Software: 16.4.0.5005
- UID: CW, 0--

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

SAR (1g) = 6.97 W/kg; SAR (10g) = 2.42 W/kg;

TSL Correction: Positive only

Pin=20.0dBm/Zoom Scan (30.0 mm x 30.0 mm x 29.1 mm): Measurement Grid: 5.0 mm x 5.0 mm x 1.4 mm

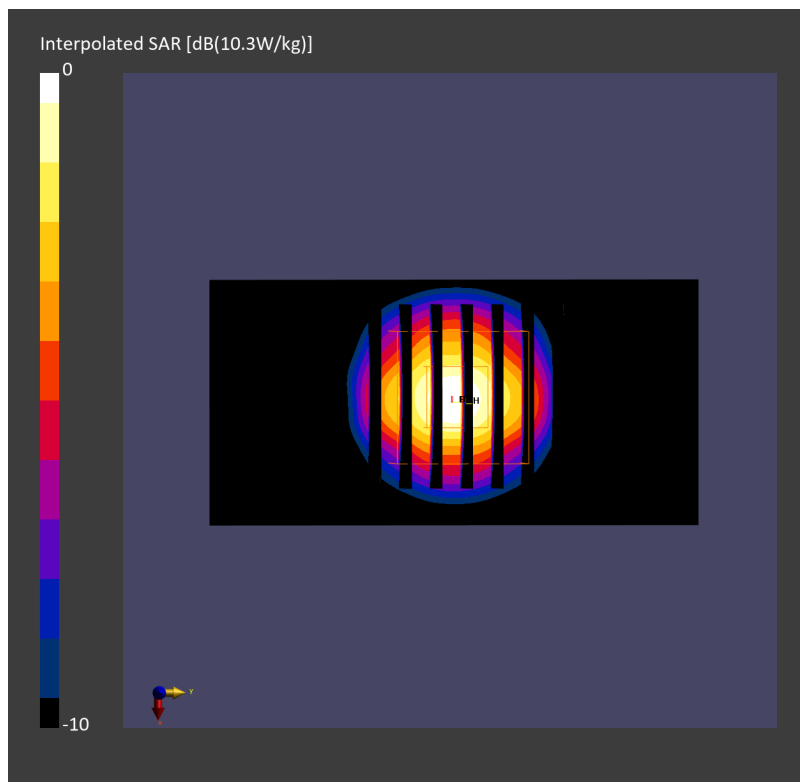
Power Drift = 0.01 dB

SAR (1g) = 7.10 W/kg; SAR (8g) = 2.87 W/kg; SAR (10g) = 2.52 W/kg

Smallest distance from peaks to all points 3 dB below = 8.0 mm

Ratio of SAR at M2 to SAR at M1 = 74.8 %

TSL Correction: Positive only



System Check_Head_3900MHz

DUT: D3900V2 - SN1017

Communication System: CW; Frequency: 3900.000 MHz

Medium: HSL_600-7200_251225 Medium parameters used: $f = 3900.000$ MHz; $\sigma = 3.01$ S/m; $\epsilon_r = 38.4$

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

DASY6 Configuration:

- Probe: EX3DV4 - SN3642; ConvF(5.96, 5.39, 6.86); Calibrated: 2025-04-24
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1311; Calibrated: 2025-06-11
- Phantom: Twin-SAM V5.0 (30deg probe tilt); Serial: 1719; Section: Flat
- Measurement Software: 16.4.0.5005
- UID: CW, 0--

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

SAR (1g) = 6.88 W/kg; SAR (10g) = 2.38 W/kg;

TSL Correction: Positive only

Pin=20.0dBm/Zoom Scan (30.0 mm x 30.0 mm x 29.1 mm): Measurement Grid: 5.0 mm x 5.0 mm x 1.4 mm

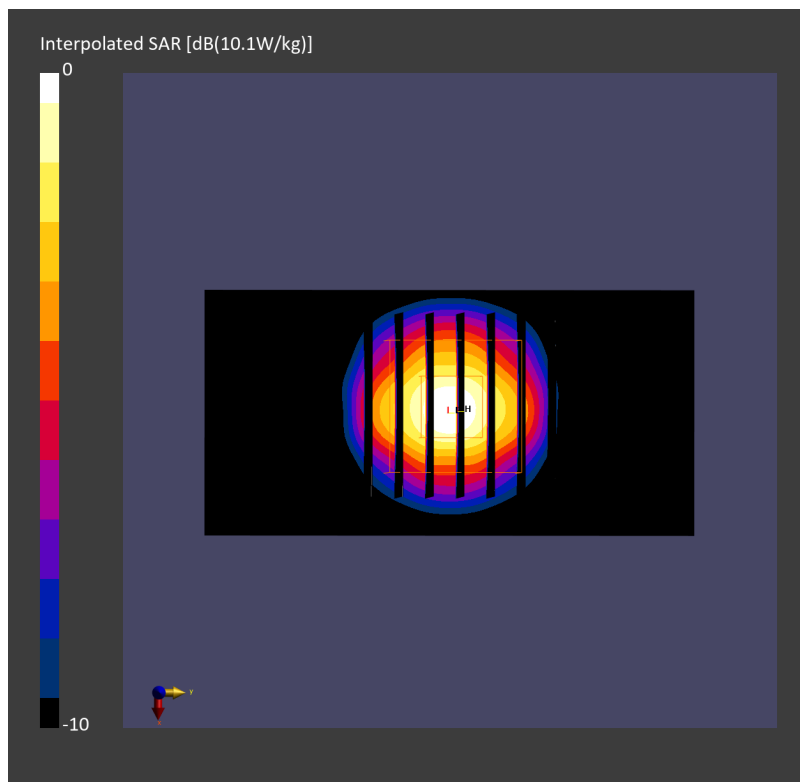
Power Drift = 0.02 dB

SAR (1g) = 7.01 W/kg; SAR (8g) = 2.82 W/kg; SAR (10g) = 2.48 W/kg

Smallest distance from peaks to all points 3 dB below = 8.0 mm

Ratio of SAR at M2 to SAR at M1 = 74.8 %

TSL Correction: Positive only



System Check_Head_3900MHz

DUT: D3900V2 - SN1017

Communication System: CW; Frequency: 3900.000 MHz

Medium: HSL_600-7200_251227 Medium parameters used: $f = 3900.000$ MHz; $\sigma = 3.09$ S/m; $\epsilon_r = 38.6$

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

DASY6 Configuration:

- Probe: EX3DV4 - SN3642; ConvF(5.96, 5.39, 6.86); Calibrated: 2025-04-24
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1311; Calibrated: 2025-06-11
- Phantom: Twin-SAM V5.0 (30deg probe tilt); Serial: 1719; Section: Flat
- Measurement Software: 16.4.0.5005
- UID: CW, 0--

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

SAR (1g) = 6.85 W/kg; SAR (10g) = 2.38 W/kg;

TSL Correction: Positive only

Pin=20.0dBm/Zoom Scan (30.0 mm x 30.0 mm x 29.1 mm): Measurement Grid: 5.0 mm x 5.0 mm x 1.4 mm

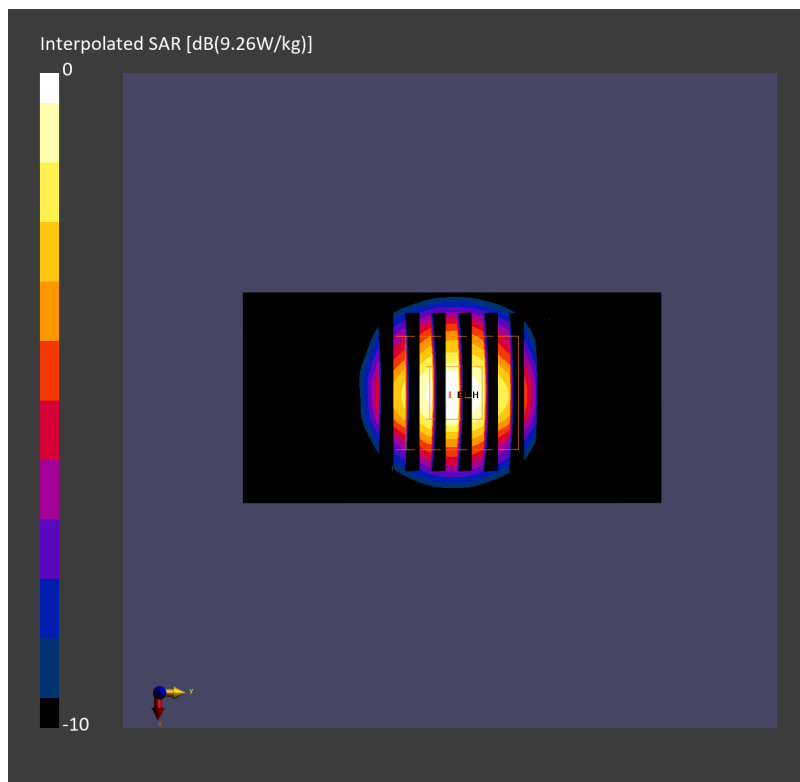
Power Drift = 0.01 dB

SAR (1g) = 6.95 W/kg; SAR (8g) = 2.82 W/kg; SAR (10g) = 2.48 W/kg

Smallest distance from peaks to all points 3 dB below = 8.0 mm

Ratio of SAR at M2 to SAR at M1 = 74.7 %

TSL Correction: Positive only



System Check_Head_3900MHz

DUT: D3900V2 - SN1017

Communication System: CW; Frequency: 3900.000 MHz

Medium: HSL_600-7200_251230 Medium parameters used: $f = 3900.000$ MHz; $\sigma = 3.05$ S/m; $\epsilon_r = 38.4$

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

DASY6 Configuration:

- Probe: EX3DV4 - SN3642; ConvF(5.96, 5.39, 6.86); Calibrated: 2025-04-24
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1311; Calibrated: 2025-06-11
- Phantom: Twin-SAM V5.0 (30deg probe tilt); Serial: 1719; Section: Flat
- Measurement Software: 16.4.0.5005
- UID: CW, 0--

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

SAR (1g) = 7.13 W/kg; SAR (10g) = 2.47 W/kg;

TSL Correction: Positive only

Pin=20.0dBm/Zoom Scan (30.0 mm x 30.0 mm x 29.1 mm): Measurement Grid: 5.0 mm x 5.0 mm x 1.4 mm

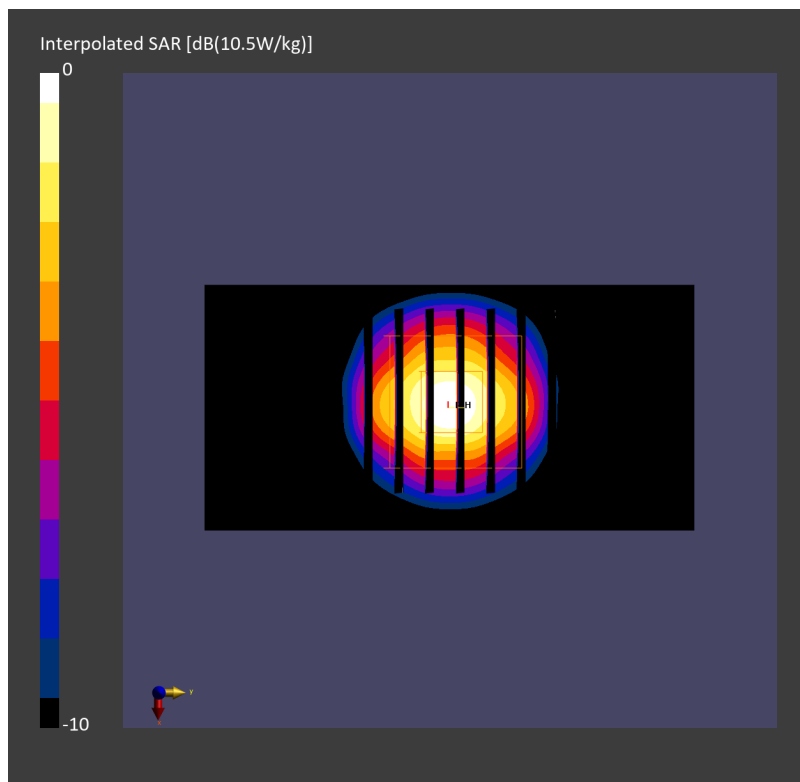
Power Drift = 0.00 dB

SAR (1g) = 7.24 W/kg; SAR (8g) = 2.93 W/kg; SAR (10g) = 2.57 W/kg

Smallest distance from peaks to all points 3 dB below = 8.0 mm

Ratio of SAR at M2 to SAR at M1 = 74.8 %

TSL Correction: Positive only



System Check_Head_3900MHz

DUT: D3900V2 - SN1017

Communication System: CW; Frequency: 3900.000 MHz

Medium: HSL_600-7200_251231 Medium parameters used: $f = 3900.000$ MHz; $\sigma = 3.06$ S/m; $\epsilon_r = 38.9$

Ambient Temperature: 23.2°C; Liquid Temperature: 22.2°C

DASY6 Configuration:

- Probe: EX3DV4 - SN3642; ConvF(5.96, 5.39, 6.86); Calibrated: 2025-04-24
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1311; Calibrated: 2025-06-11
- Phantom: Twin-SAM V5.0 (30deg probe tilt); Serial: 1719; Section: Flat
- Measurement Software: 16.4.0.5005
- UID: CW, 0--

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

SAR (1g) = 7.34 W/kg; SAR (10g) = 2.54 W/kg;

TSL Correction: Positive only

Pin=20.0dBm/Zoom Scan (30.0 mm x 30.0 mm x 29.1 mm): Measurement Grid: 5.0 mm x 5.0 mm x 1.4 mm

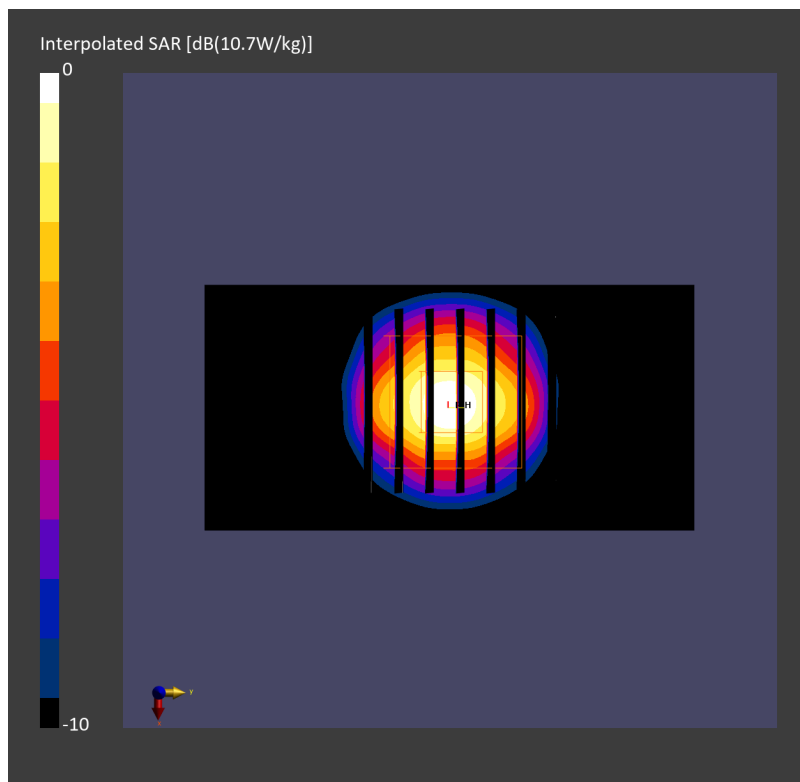
Power Drift = 0.03 dB

SAR (1g) = 7.43 W/kg; SAR (8g) = 3.00 W/kg; SAR (10g) = 2.64 W/kg

Smallest distance from peaks to all points 3 dB below = 8.0 mm

Ratio of SAR at M2 to SAR at M1 = 74.9 %

TSL Correction: Positive only



System Check_Head_3900MHz

DUT: D3900V2 - SN1017

Communication System: CW; Frequency: 3900.000 MHz

Medium: HSL_600-7200_260102 Medium parameters used: $f = 3900.000$ MHz; $\sigma = 3.08$ S/m; $\epsilon_r = 39.4$

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

DASY6 Configuration:

- Probe: EX3DV4 - SN3642; ConvF(5.96, 5.39, 6.86); Calibrated: 2025-04-24
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1311; Calibrated: 2025-06-11
- Phantom: Twin-SAM V5.0 (30deg probe tilt); Serial: 1719; Section: Flat
- Measurement Software: 16.4.0.5005
- UID: CW, 0--

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

SAR (1g) = 7.38 W/kg; SAR (10g) = 2.56 W/kg;

TSL Correction: Positive only

Pin=20.0dBm/Zoom Scan (30.0 mm x 30.0 mm x 29.1 mm): Measurement Grid: 5.0 mm x 5.0 mm x 1.4 mm

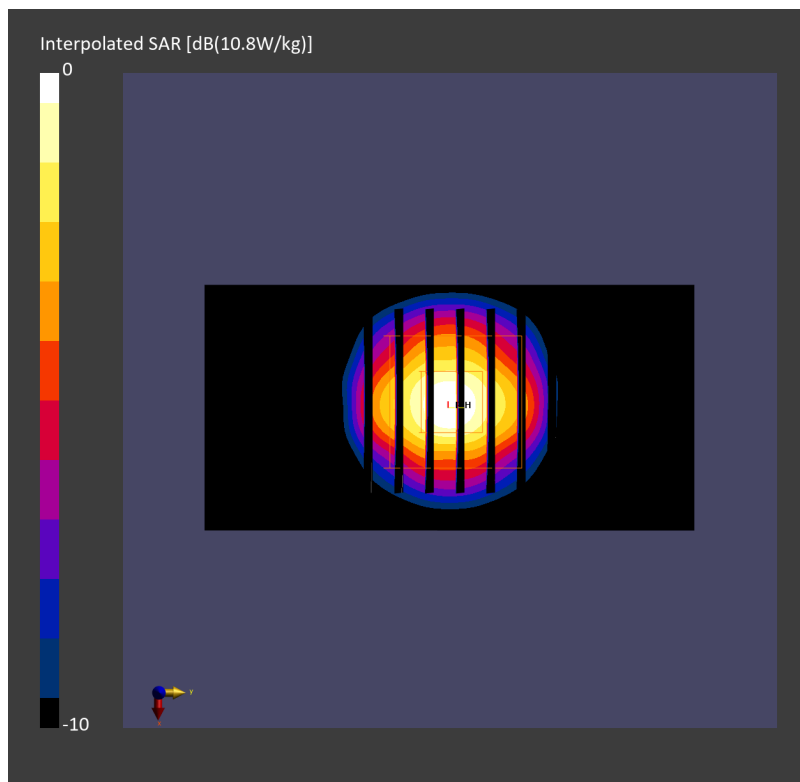
Power Drift = 0.01 dB

SAR (1g) = 7.52 W/kg; SAR (8g) = 3.04 W/kg; SAR (10g) = 2.67 W/kg

Smallest distance from peaks to all points 3 dB below = 8.0 mm

Ratio of SAR at M2 to SAR at M1 = 74.8 %

TSL Correction: Positive only



System Check_Head_3900MHz

DUT: D3900V2 - SN1017

Communication System: CW; Frequency: 3900.000 MHz

Medium: HSL_600-7200_260103 Medium parameters used: $f = 3900.000$ MHz; $\sigma = 3.16$ S/m; $\epsilon_r = 38.3$

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

DASY6 Configuration:

- Probe: EX3DV4 - SN3642; ConvF(5.96, 5.39, 6.86); Calibrated: 2025-04-24
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1311; Calibrated: 2025-06-11
- Phantom: Twin-SAM V5.0 (30deg probe tilt); Serial: 1719; Section: Flat
- Measurement Software: 16.4.0.5005
- UID: CW, 0--

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

SAR (1g) = 7.16 W/kg; SAR (10g) = 2.49 W/kg;

TSL Correction: Positive only

Pin=20.0dBm/Zoom Scan (30.0 mm x 30.0 mm x 29.1 mm): Measurement Grid: 5.0 mm x 5.0 mm x 1.4 mm

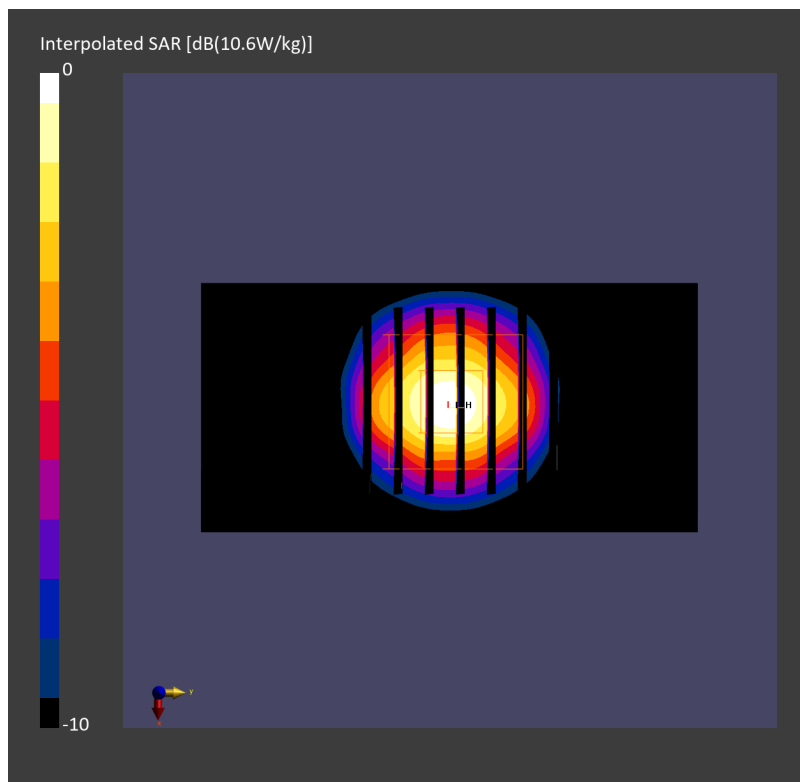
Power Drift = 0.03 dB

SAR (1g) = 7.26 W/kg; SAR (8g) = 2.95 W/kg; SAR (10g) = 2.59 W/kg

Smallest distance from peaks to all points 3 dB below = 8.0 mm

Ratio of SAR at M2 to SAR at M1 = 74.7 %

TSL Correction: Positive only



System Check_Head_5250MHz

DUT: D5GHzV2 - SN1128

Communication System: CW; Frequency: 5250 MHz

Medium: HSL_600-7200_251214 Medium parameters used: $f = 5250$ MHz; $\sigma = 4.632$ S/m; $\epsilon_r = 38.36$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C; Liquid Temperature : 22.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7306; ConvF(5.57, 5.41, 5.7) @ 5250 MHz; Calibrated: 2025/7/28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1512; Calibrated: 2025/3/18
- Phantom: SAM_Left; Type: QD000P40CD; Serial: 1884
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7501)

Pin=50mW/Area Scan (71x71x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 9.52 W/kg

Pin=50mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 47.85 V/m; Power Drift = 0.01 dB

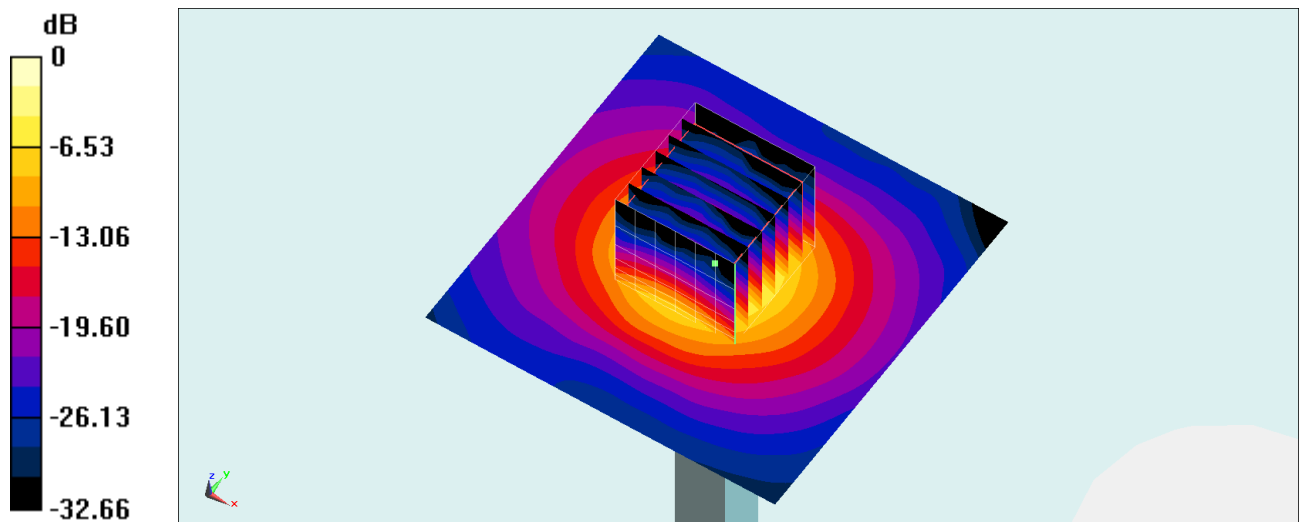
Peak SAR (extrapolated) = 15.5 W/kg

SAR(1 g) = 3.83 W/kg; SAR(10 g) = 1.1 W/kg (SAR corrected for target medium)

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

Ratio of SAR at M2 to SAR at M1 = 64%

Maximum value of SAR (measured) = 9.34 W/kg



0 dB = 9.34 W/kg = 9.70 dBW/kg

System Check_Head_5600MHz

DUT: D5GHzV2 - SN1128

Communication System: CW; Frequency: 5600 MHz

Medium: HSL_600-7200_251215 Medium parameters used: $f = 5600$ MHz; $\sigma = 5.079$ S/m; $\epsilon_r = 37.877$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C; Liquid Temperature : 22.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7306; ConvF(5.06, 4.91, 5.18) @ 5600 MHz; Calibrated: 2025/7/28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1512; Calibrated: 2025/3/18
- Phantom: SAM_Left; Type: QD000P40CD; Serial: 1884
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7501)

Pin=50mW/Area Scan (71x71x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 11.2 W/kg

Pin=50mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 48.42 V/m; Power Drift = 0.01 dB

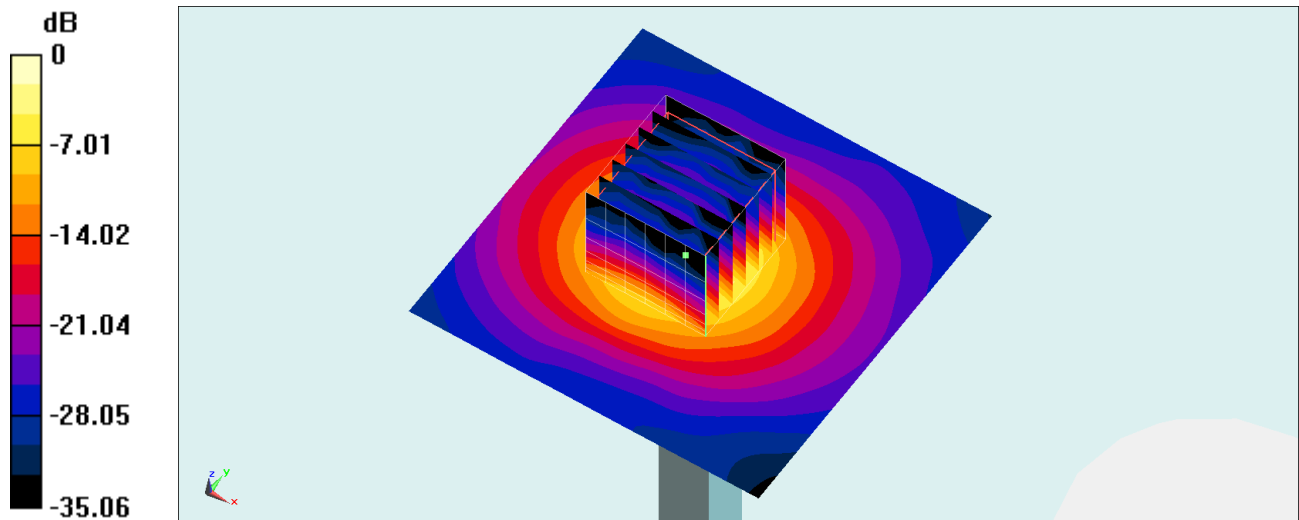
Peak SAR (extrapolated) = 19.3 W/kg

SAR(1 g) = 4.18 W/kg; SAR(10 g) = 1.2 W/kg (SAR corrected for target medium)

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

Ratio of SAR at M2 to SAR at M1 = 60.4%

Maximum value of SAR (measured) = 10.9 W/kg



0 dB = 10.9 W/kg = 10.37 dBW/kg

System Check_Head_5800MHz

DUT: D5GHzV2 - SN1128

Communication System: CW; Frequency: 5800 MHz

Medium: HSL_600-7200_251216 Medium parameters used: $f = 5800$ MHz; $\sigma = 5.176$ S/m; $\epsilon_r = 37.056$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7306; ConvF(5.02, 4.87, 5.13) @ 5800 MHz; Calibrated: 2025/7/28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1512; Calibrated: 2025/3/18
- Phantom: SAM_Left; Type: QD000P40CD; Serial: 1884
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7501)

Pin=50mW/Area Scan (71x71x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 10.4 W/kg

Pin=50mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 47.35 V/m; Power Drift = -0.11 dB

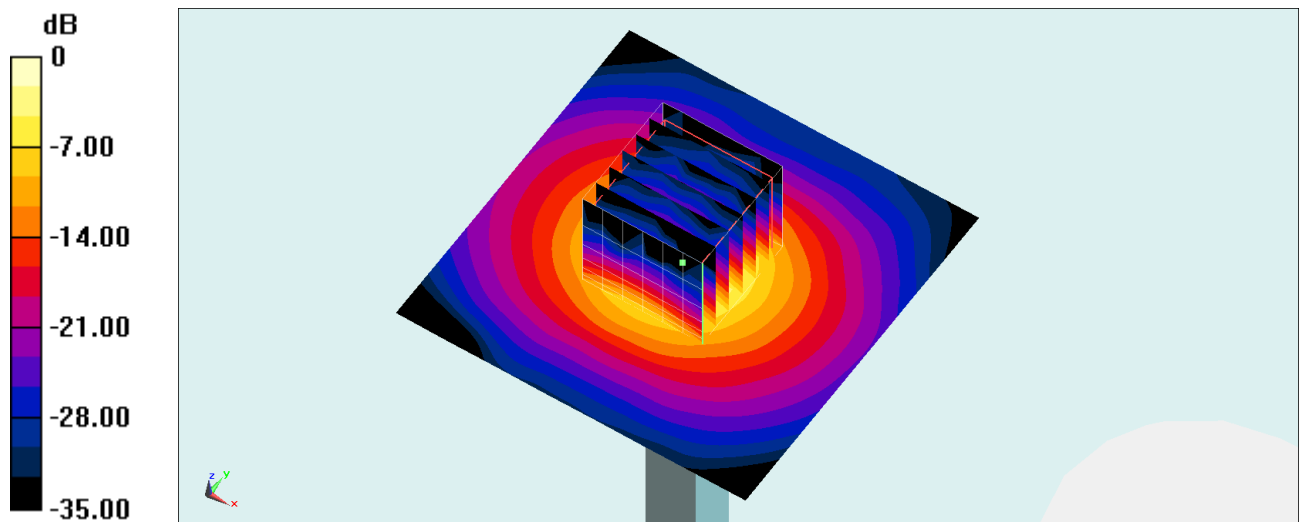
Peak SAR (extrapolated) = 20.2 W/kg

SAR(1 g) = 4.05 W/kg; SAR(10 g) = 1.14 W/kg (SAR corrected for target medium)

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

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

Maximum value of SAR (measured) = 10.8 W/kg



0 dB = 10.8 W/kg = 10.33 dBW/kg

System Check_Head_6500MHz

DUT: D6.5GHzV2 - SN1003

Communication System: CW; Frequency: 6500.000 MHz

Medium: HSL_600-7200_251228 Medium parameters used: $f = 6500.000$ MHz; $\sigma = 6.13$ S/m; $\epsilon_r = 34.0$

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

DASY8 Configuration:

- Probe: EX3DV4 - SN7822; ConvF(4.96, 4.88, 5.04); Calibrated: 2025-09-11
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn853; Calibrated: 2025-09-09
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2149; 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) = 27.6 W/kg; SAR (10g) = 5.33 W/kg;

TSL Correction: Positive only

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 = 0.02 dB

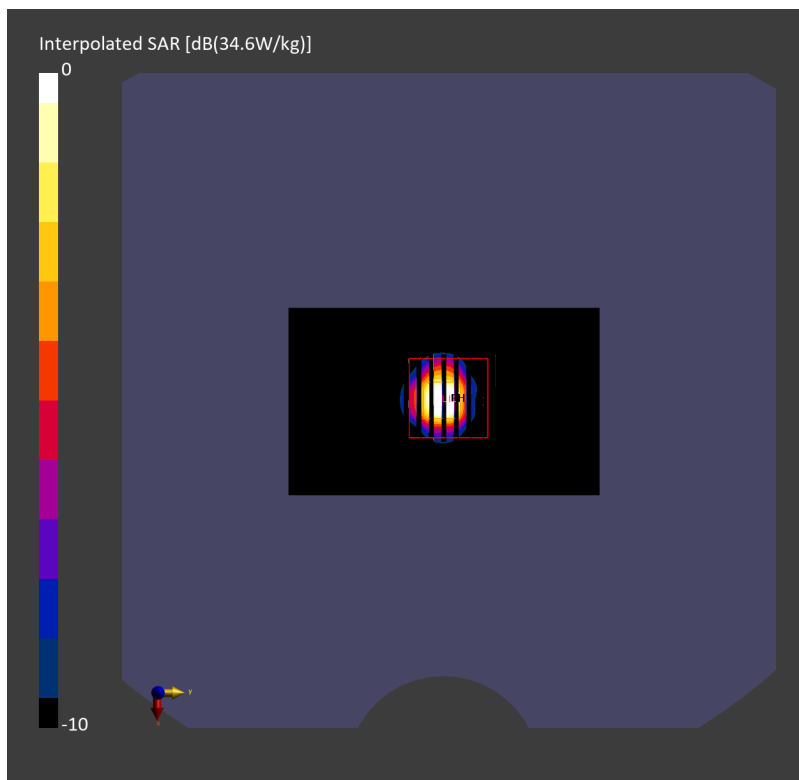
SAR (1g) = 31.4 W/kg; SAR (8g) = 7.12 W/kg; SAR (10g) = 5.88 W/kg

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

Ratio of SAR at M2 to SAR at M1 = 51.6 %

psAPD (1.0cm², sq) = 314 [W/m²]; psAPD (4.0cm², sq) = 142 [W/m²]

TSL Correction: Positive only



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 – 1044	Air –	EUmmWV4 – SN9441_F1–55GHz, 2025–11–17	DAE4 Sn1311, 2025–06–11

Scans Setup

Scan Type	5G Scan
Grid Extents [mm]	60.0 x 60.0
Grid Steps [lambda]	0.125 x 0.125
Sensor Surface [mm]	10.0

Measurement Results

Date	2025–12–17
Avg. Area [cm ²]	4.00
psPDn+ [W/m ²]	49.0
psPDtot+ [W/m ²]	50.0
H _{max} [A/m]	0.446
E _{max} [V/m]	144
max _(Stot) [W/m ²]	61.6
Power Drift [dB]	–0.01
IPDn	84

