

System Check_Head_750MHz

DUT: D750V3-1012

Communication System: CW; Frequency: 750 MHz; Duty Cycle: 1:1

Medium: HSL_750_240306 Medium parameters used: $f = 750$ MHz; $\sigma = 0.89$ S/m; $\epsilon_r = 41.829$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3184; ConvF(6.71, 6.71, 6.71) @ 750 MHz; Calibrated: 2023/9/18
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1424; Calibrated: 2023/12/7
- Phantom: SAM_Left; Type: SAM; Serial: 1303
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Pin=17.0dBm/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.443 W/kg

Pin=17.0dBm/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 22.93 V/m; Power Drift = -0.01 dB

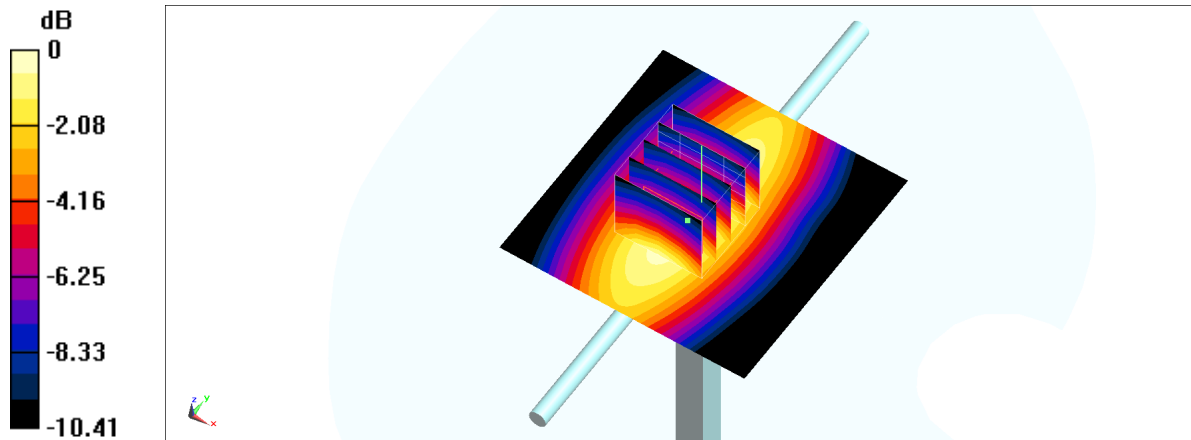
Peak SAR (extrapolated) = 0.553 W/kg

SAR(1 g) = 0.393 W/kg; SAR(10 g) = 0.261 W/kg

Smallest distance from peaks to all points 3 dB below = 25 mm

Ratio of SAR at M2 to SAR at M1 = 68.4%

Maximum value of SAR (measured) = 0.461 W/kg



System Check_Head_835MHz

DUT: D835V2-4d060

Communication System: CW; Frequency: 835 MHz; Duty Cycle: 1:1

Medium: HSL_850_240306 Medium parameters used: $f = 835$ MHz; $\sigma = 0.924$ S/m; $\epsilon_r = 41.533$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3184; ConvF(6.57, 6.57, 6.57) @ 835 MHz; Calibrated: 2023/9/18
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1424; Calibrated: 2023/12/7
- Phantom: SAM_Left; Type: SAM; Serial: 1303
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Pin=17.0dBm/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.535 W/kg

Pin=17.0dBm/Zoom Scan (5x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 24.82 V/m; Power Drift = -0.11 dB

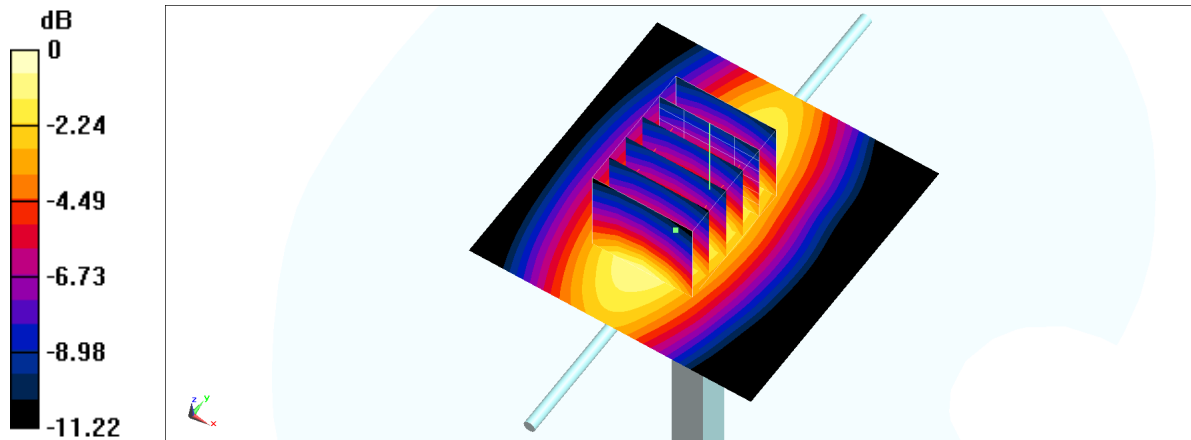
Peak SAR (extrapolated) = 0.672 W/kg

SAR(1 g) = 0.469 W/kg; SAR(10 g) = 0.305 W/kg

Smallest distance from peaks to all points 3 dB below = 15.8 mm

Ratio of SAR at M2 to SAR at M1 = 70.3%

Maximum value of SAR (measured) = 0.553 W/kg



System Check_Head_1750MHz

DUT: D1750V2-1068

Communication System: CW ; Frequency: 1750 MHz;Duty Cycle: 1:1

Medium: HSL_1750_240308 Medium parameters used: $f = 1750$ MHz; $\sigma = 1.372$ S/m; $\epsilon_r = 40.699$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3184; ConvF(5.65, 5.65, 5.65) @ 1750 MHz; Calibrated: 2023/9/18
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1424; Calibrated: 2023/12/7
- Phantom: SAM_Left; Type: SAM; Serial: 1303
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7501)

Pin=17.0dBm/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 2.18 W/kg

Pin=17.0dBm/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 40.55 V/m; Power Drift = -0.04 dB

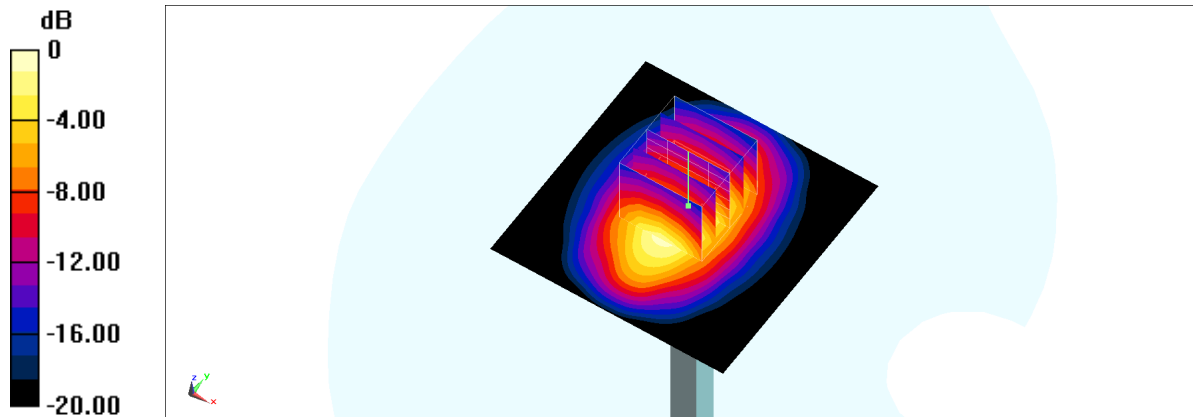
Peak SAR (extrapolated) = 2.95 W/kg

SAR(1 g) = 1.7 W/kg; SAR(10 g) = 0.919 W/kg

Smallest distance from peaks to all points 3 dB below = 11.2 mm

Ratio of SAR at M2 to SAR at M1 = 57.9%

Maximum value of SAR (measured) = 2.10 W/kg



0 dB = 2.18 W/kg = 3.38 dBW/kg

System Check_Head_1900MHz

DUT: D1900V2-5d093

Communication System: CW; Frequency: 1900 MHz; Duty Cycle: 1:1

Medium: HSL_1900_240308 Medium parameters used: $f = 1900$ MHz; $\sigma = 1.387$ S/m; $\epsilon_r = 40.446$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3184; ConvF(5.31, 5.31, 5.31) @ 1900 MHz; Calibrated: 2023/9/18
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1424; Calibrated: 2023/12/7
- Phantom: SAM_Left; Type: SAM; Serial: 1303
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Pin=17.0dBm/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 2.44 W/kg

Pin=17.0dBm/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 39.99 V/m; Power Drift = 0.15 dB

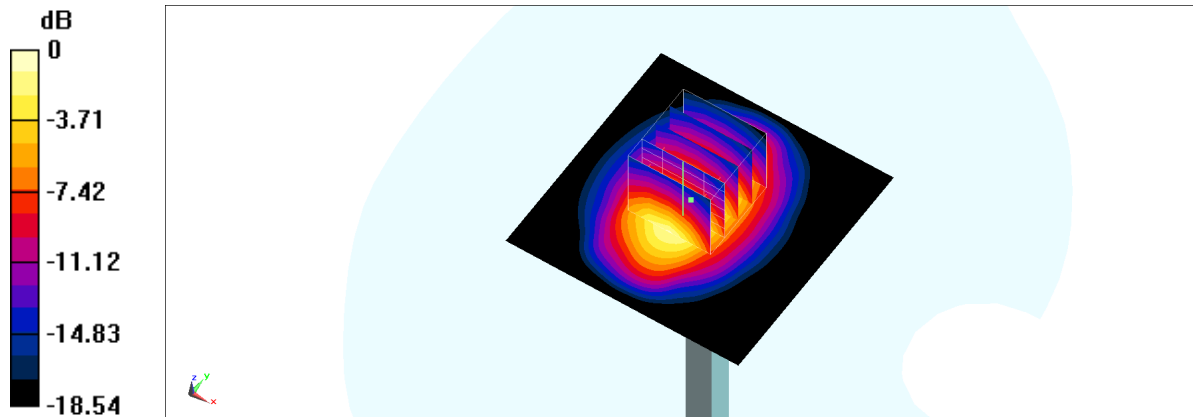
Peak SAR (extrapolated) = 3.27 W/kg

SAR(1 g) = 1.89 W/kg; SAR(10 g) = 0.992 W/kg

Smallest distance from peaks to all points 3 dB below = 11.2 mm

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

Maximum value of SAR (measured) = 2.37 W/kg



0 dB = 2.37 W/kg = 3.75 dBW/kg

System Check_Head_2450MHz

DUT: D2450V2 - SN736

Communication System: CW; Frequency: 2450.000 MHz

Medium: HSL_2450_240326 Medium parameters used: $f = 2450.000$ MHz; $\sigma = 1.79$ S/m; $\epsilon_r = 38.7$

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

DASY6 Configuration:

- Probe: EX3DV4 - SN7793; ConvF(6.63, 6.87, 6.92); Calibrated: 2024-03-01
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1707; Calibrated: 2023-12-06
- 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) = 2.39 W/kg; SAR (10g) = 1.13 W/kg;

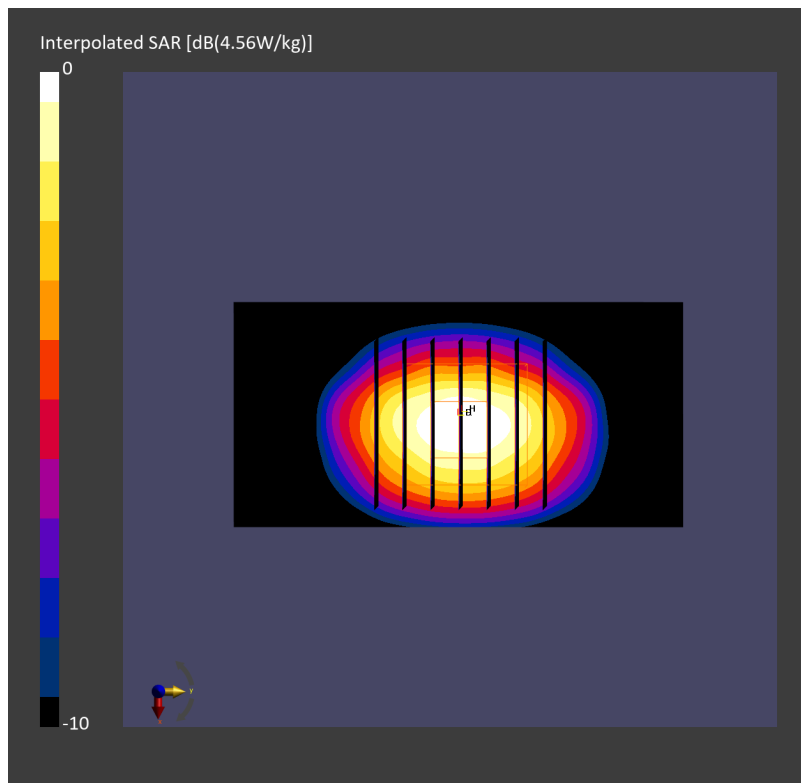
Pin=17.0dBm/Zoom Scan (30.0 mm x 30.0 mm x 30.0 mm): Measurement Grid: 5.0 mm x 5.0 mm x 1.5 mm

Power Drift = 0.14 dB

SAR (1g) = 2.46 W/kg; SAR (8g) = 1.27 W/kg; SAR (10g) = 1.15 W/kg

Smallest distance from peaks to all points 3 dB below = 9.0 mm

Ratio of SAR at M2 to SAR at M1 = 81.2 %



System Check_Head_2450MHz

DUT: D2450V2 - SN736

Communication System: CW; Frequency: 2450.000 MHz

Medium: HSL_2450_240328 Medium parameters used: $f = 2450.000$ MHz; $\sigma = 1.84$ S/m; $\epsilon_r = 40.1$

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

DASY6 Configuration:

- Probe: EX3DV4 - SN7793; ConvF(6.63, 6.87, 6.92); Calibrated: 2024-03-01
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1707; Calibrated: 2023-12-06
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2127; 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) = 2.43 W/kg; SAR (10g) = 1.12 W/kg;

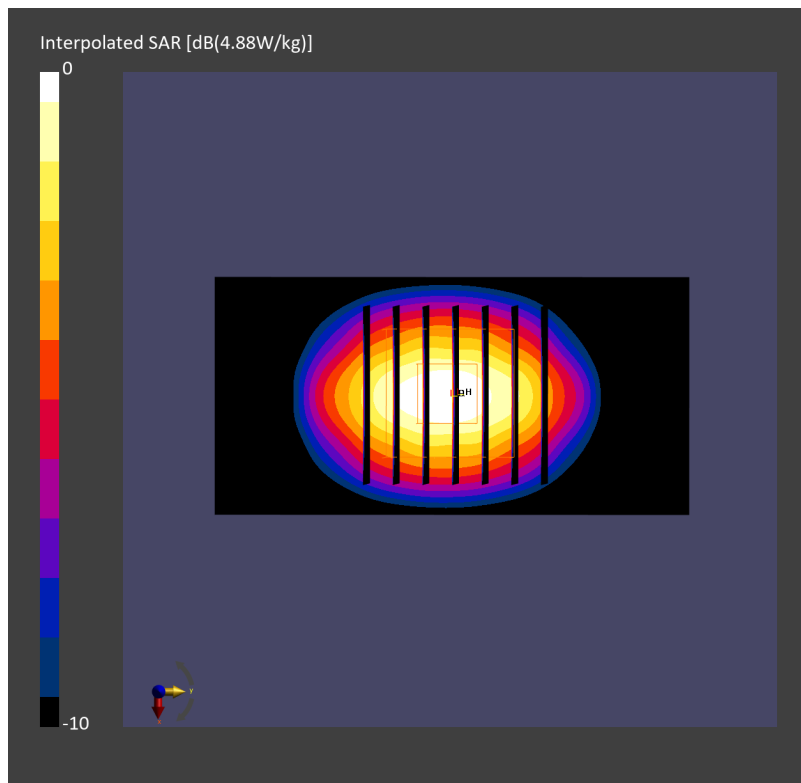
Pin=17.0dBm/Zoom Scan (30.0 mm x 30.0 mm x 30.0 mm): Measurement Grid: 5.0 mm x 5.0 mm x 1.5 mm

Power Drift = -0.09 dB

SAR (1g) = 2.45 W/kg; SAR (8g) = 1.26 W/kg; SAR (10g) = 1.14 W/kg

Smallest distance from peaks to all points 3 dB below = 9.0 mm

Ratio of SAR at M2 to SAR at M1 = 80.7 %



System Check_Head_2600MHz

DUT: D2600V2-1008

Communication System: CW; Frequency: 2600 MHz; Duty Cycle: 1:1

Medium: HSL_2600_240309 Medium parameters used: $f = 2600$ MHz; $\sigma = 1.951$ S/m; $\epsilon_r = 38.434$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3184; ConvF(4.56, 4.56, 4.56) @ 2600 MHz; Calibrated: 2023/9/18
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1424; Calibrated: 2023/12/7
- Phantom: SAM_Left; Type: SAM; Serial: 1303
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Pin=17.0dBm/Area Scan (81x81x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 3.67 W/kg

Pin=17.0dBm/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 44.11 V/m; Power Drift = -0.13 dB

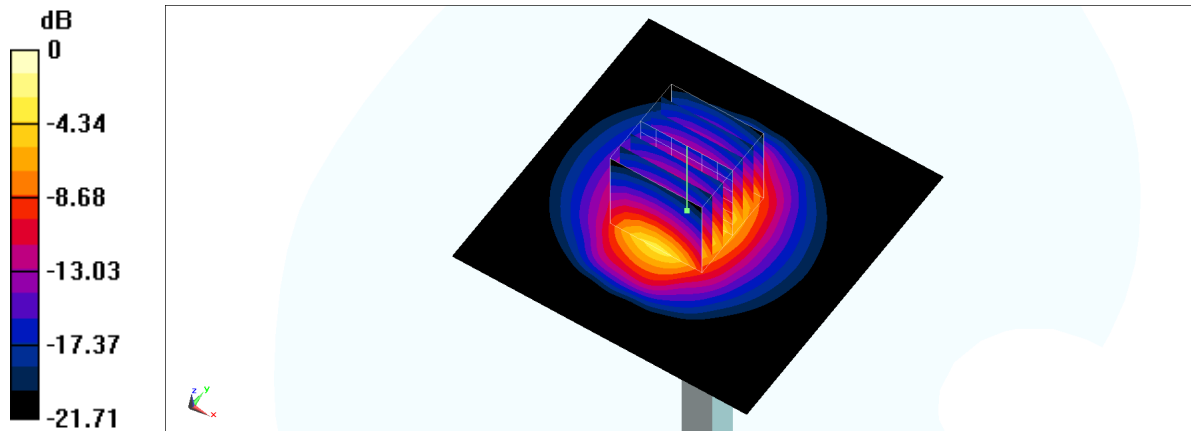
Peak SAR (extrapolated) = 5.60 W/kg

SAR(1 g) = 2.8 W/kg; SAR(10 g) = 1.29 W/kg

Smallest distance from peaks to all points 3 dB below = 9 mm

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

Maximum value of SAR (measured) = 3.73 W/kg



System Check_Head_5250MHz

DUT: D5GHzV2 - SN1171

Communication System: CW; Frequency: 5250.000 MHz

Medium: HSL_5G_240329 Medium parameters used: $f = 5250.000$ MHz; $\sigma = 4.90$ S/m; $\epsilon_r = 36.9$

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

DASY6 Configuration:

- Probe: EX3DV4 - SN3931; ConvF(5.17, 5.17, 5.17); Calibrated: 2023-10-24
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1805; Calibrated: 2023-05-16
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2127; 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) = 1.05 W/kg;

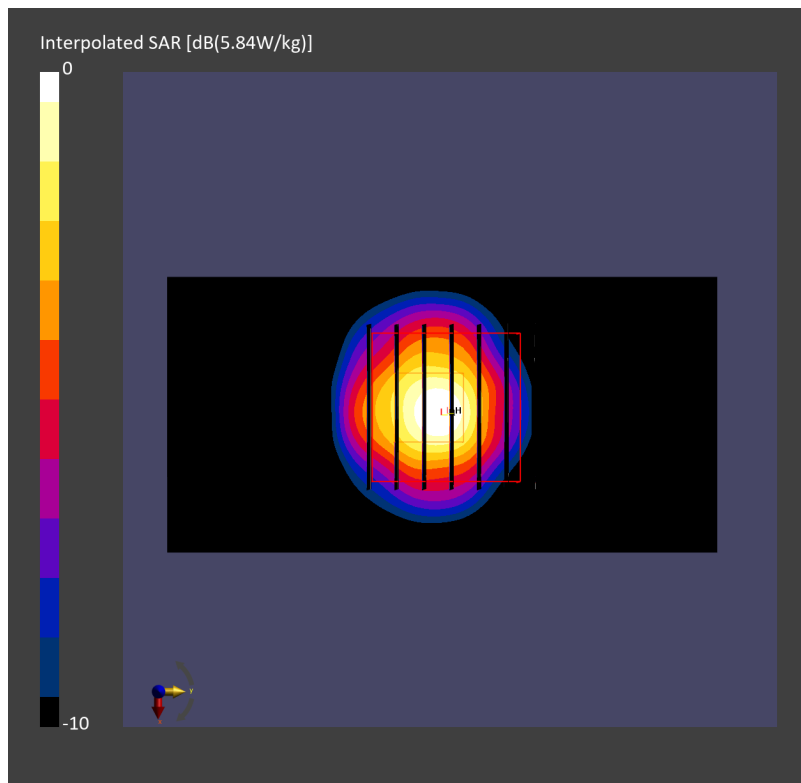
Pin=17.0dBm/Zoom Scan (22.0 mm x 22.0 mm x 22.0 mm): Measurement Grid: 4.0 mm x 4.0 mm x 1.4 mm

Power Drift = 0.02 dB

SAR (1g) = 3.93 W/kg; SAR (8g) = 1.31 W/kg; SAR (10g) = 1.12 W/kg

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

Ratio of SAR at M2 to SAR at M1 = 64.3 %



System Check_Head_5600MHz

DUT: D5GHzV2 - SN1171

Communication System: CW; Frequency: 5600.000 MHz

Medium: HSL_5G_240329 Medium parameters used: $f = 5600.000$ MHz; $\sigma = 5.29$ S/m; $\epsilon_r = 36.3$

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

DASY6 Configuration:

- Probe: EX3DV4 - SN3931; ConvF(4.48, 4.48, 4.48); Calibrated: 2023-10-24
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1805; Calibrated: 2023-05-16
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2127; 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) = 4.14 W/kg; SAR (10g) = 1.19 W/kg;

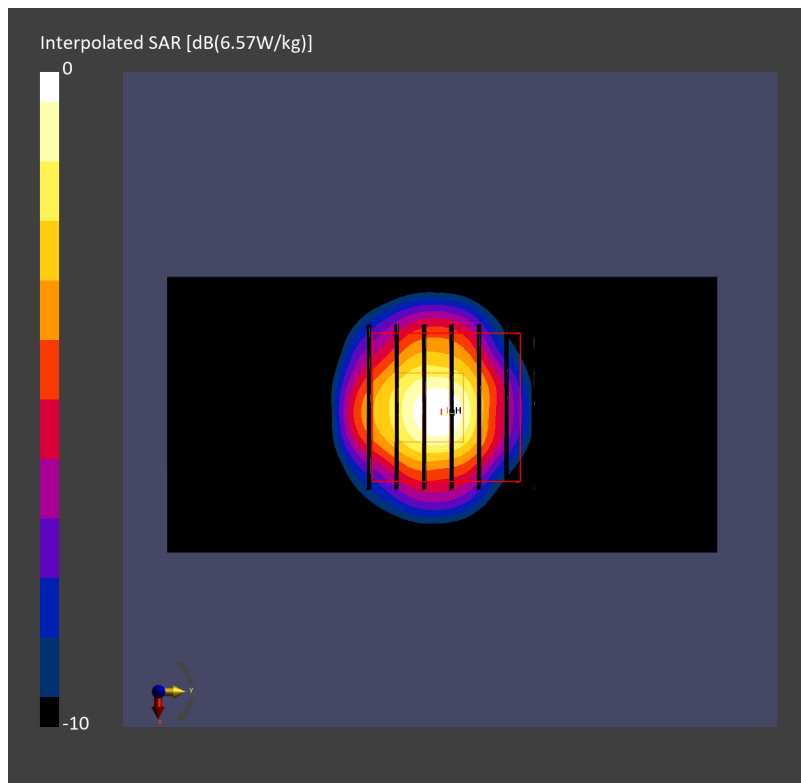
Pin=17.0dBm/Zoom Scan (22.0 mm x 22.0 mm x 22.0 mm): Measurement Grid: 4.0 mm x 4.0 mm x 1.4 mm

Power Drift = -0.11 dB

SAR (1g) = 4.43 W/kg; SAR (8g) = 1.46 W/kg; SAR (10g) = 1.25 W/kg

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

Ratio of SAR at M2 to SAR at M1 = 61.7 %



System Check_Head_5750MHz

DUT: D5GHzV2 - SN1171

Communication System: CW; Frequency: 5750.000 MHz

Medium: HSL_5G_240329 Medium parameters used: $f = 5750.000$ MHz; $\sigma = 5.45$ S/m; $\epsilon_r = 36.2$

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

DASY6 Configuration:

- Probe: EX3DV4 - SN3931; ConvF(4.8, 4.8, 4.8); Calibrated: 2023-10-24
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1805; Calibrated: 2023-05-16
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2127; 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) = 3.55 W/kg; SAR (10g) = 1.02 W/kg;

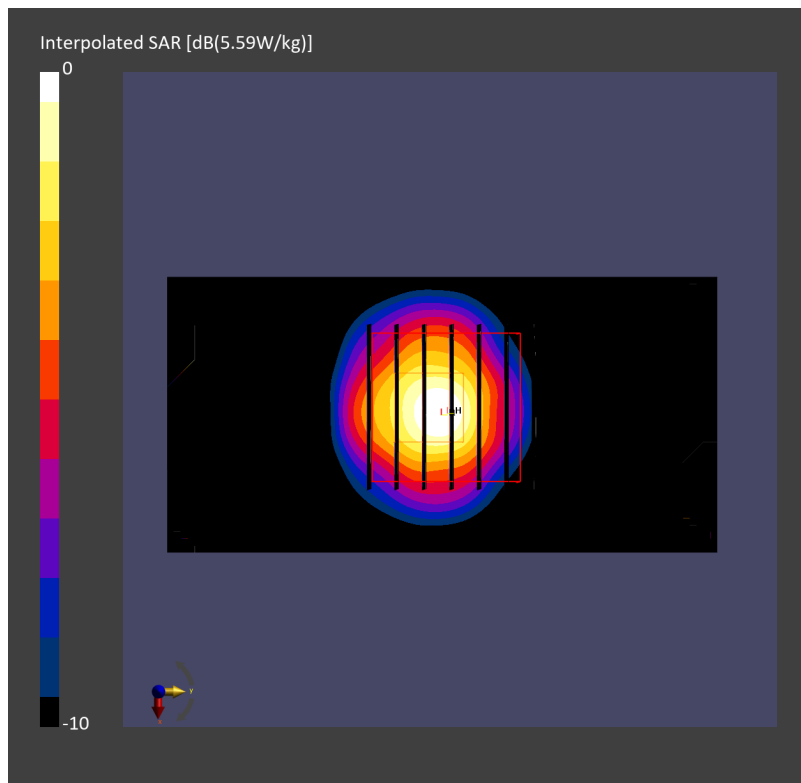
Pin=17.0dBm/Zoom Scan (22.0 mm x 22.0 mm x 22.0 mm): Measurement Grid: 4.0 mm x 4.0 mm x 1.4 mm

Power Drift = 0.04 dB

SAR (1g) = 3.91 W/kg; SAR (8g) = 1.30 W/kg; SAR (10g) = 1.11 W/kg

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

Ratio of SAR at M2 to SAR at M1 = 60.0 %



System Check_Head_5800MHz

DUT: D5GHzV2 - SN1128

Communication System: CW; Frequency: 5800.000 MHz

Medium: HSL_5G_240328 Medium parameters used: $f = 5800.000$ MHz; $\sigma = 5.48$ S/m; $\epsilon_r = 36.0$

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

DASY6 Configuration:

- Probe: EX3DV4 - SN7793; ConvF(4.37, 4.42, 4.46); Calibrated: 2024-03-01
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1707; Calibrated: 2023-12-06
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2127; 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) = 3.41 W/kg; SAR (10g) = 0.954 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 = 0.11 dB

SAR (1g) = 3.56 W/kg; SAR (8g) = 1.18 W/kg; SAR (10g) = 1.01 W/kg

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

Ratio of SAR at M2 to SAR at M1 = 59.5 %

