

System Check_Head_750MHz_160308

DUT: D750V3-1012

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

Medium: HSL_750_160308 Medium parameters used: $f = 750$ MHz; $\sigma = 0.896$ S/m; $\epsilon_r = 43.279$; $\rho = 1000$ kg/m³

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

DASY5 Configuration

- Probe: EX3DV4 - SN3931; ConvF(10.46, 10.46, 10.46); Calibrated: 2015/10/1;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2015/9/24
- Phantom: SAM LEFT; Type: QD000P40CD; Serial: TP:1718
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/Pin=250mW/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 2.91 W/kg

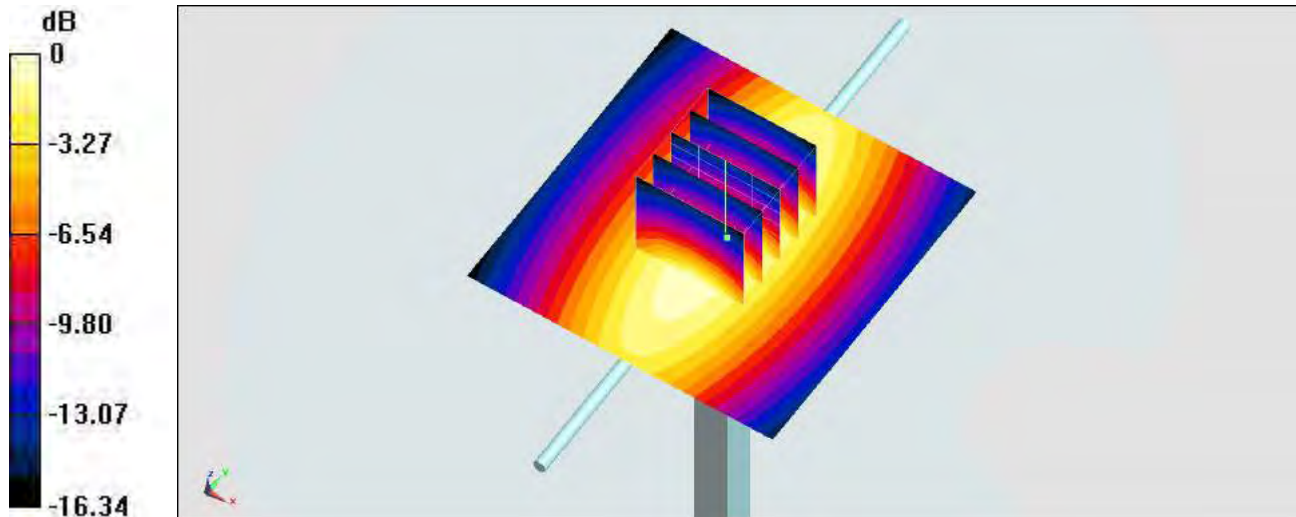
Configuration/Pin=250mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 59.75 V/m; Power Drift = -0.19 dB

Peak SAR (extrapolated) = 3.28 W/kg

SAR(1 g) = 2.18 W/kg; SAR(10 g) = 1.45 W/kg

Maximum value of SAR (measured) = 2.90 W/kg



0 dB = 2.91 W/kg = 4.64 dBW/kg

System Check_Head_750MHz_160308**DUT: D750V3-1012**

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

Medium: HSL_750_160308 Medium parameters used: $f = 750 \text{ MHz}$; $\sigma = 0.896 \text{ mho/m}$; $\epsilon_r = 43.3$; $\rho = 1000 \text{ kg/m}^3$

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3925; ConvF(10.15, 10.15, 10.15); Calibrated: 2015/5/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2015/5/22
- Phantom: SAM_Front; Type: SAM; Serial: TP-1303
- ;Postprocessing SW: SEMCAD, V1.8 Build 159

Pin=250mW/Area Scan (61x61x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (interpolated) = 2.47 mW/g

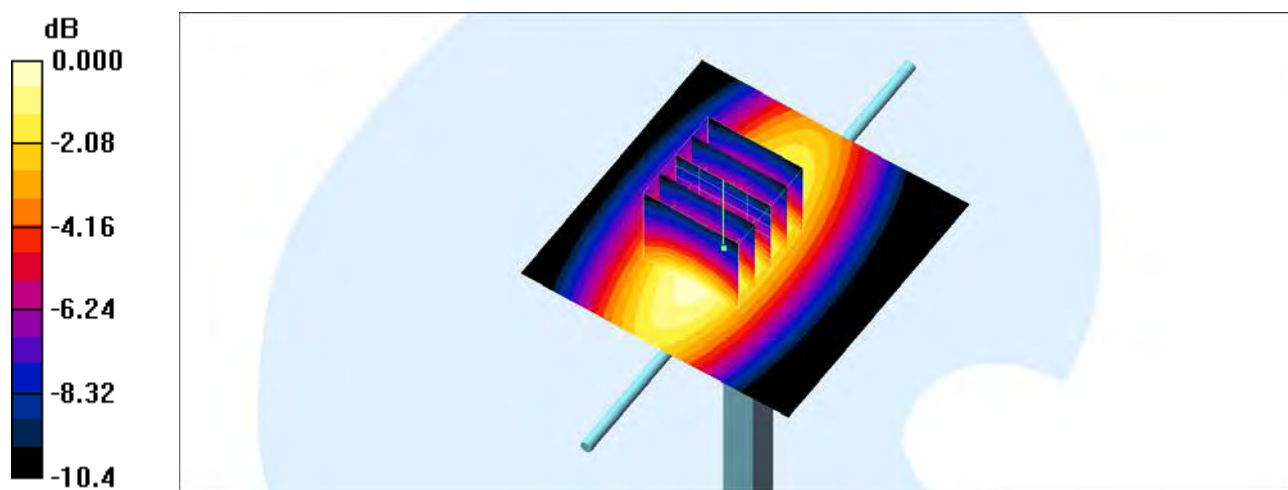
Pin=250mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 53.0 V/m ; Power Drift = 0.026 dB

Peak SAR (extrapolated) = 2.91 W/kg

SAR(1 g) = 1.99 mW/g ; SAR(10 g) = 1.31 mW/g

Maximum value of SAR (measured) = 2.51 mW/g



0 dB = 2.51 mW/g

System Check_Body_750MHz_160305

DUT: D750V3-1012

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

Medium: MSL_750_160305 Medium parameters used: $f = 750 \text{ MHz}$; $\sigma = 0.974 \text{ S/m}$; $\epsilon_r = 56.669$; $\rho = 1000 \text{ kg/m}^3$

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

DASY5 Configuration

- Probe: EX3DV4 - SN3931; ConvF(10.29, 10.29, 10.29); Calibrated: 2015/10/1;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2015/9/24
- Phantom: SAM LEFT; Type: QD000P40CD; Serial: TP:1718
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/Pin=250mW/Area Scan (61x61x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) = 2.80 W/kg

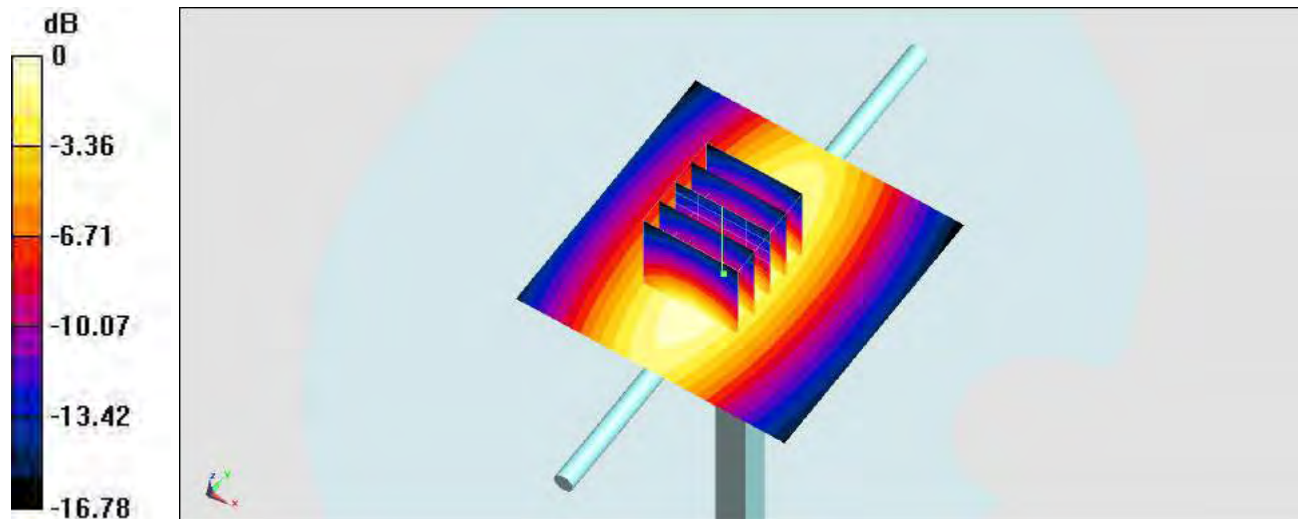
Configuration/Pin=250mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 55.10 V/m ; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 3.02 W/kg

SAR(1 g) = 2.16 W/kg ; SAR(10 g) = 1.46 W/kg

Maximum value of SAR (measured) = 2.66 W/kg



0 dB = 2.80 W/kg = 4.47 dBW/kg

System Check_Head_1750MHz_160306

DUT: D1750V2-1068

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

Medium: HSL_1750_160306 Medium parameters used: $f = 1750$ MHz; $\sigma = 1.377$ S/m; $\epsilon_r = 39.646$; $\rho = 1000$ kg/m³

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

DASY5 Configuration

- Probe: EX3DV4 - SN3931; ConvF(8.58, 8.58, 8.58); Calibrated: 2015/10/1;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2015/9/24
- Phantom: SAM LEFT; Type: QD000P40CD; Serial: TP:1718
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/Pin=250mW/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 14.0 W/kg

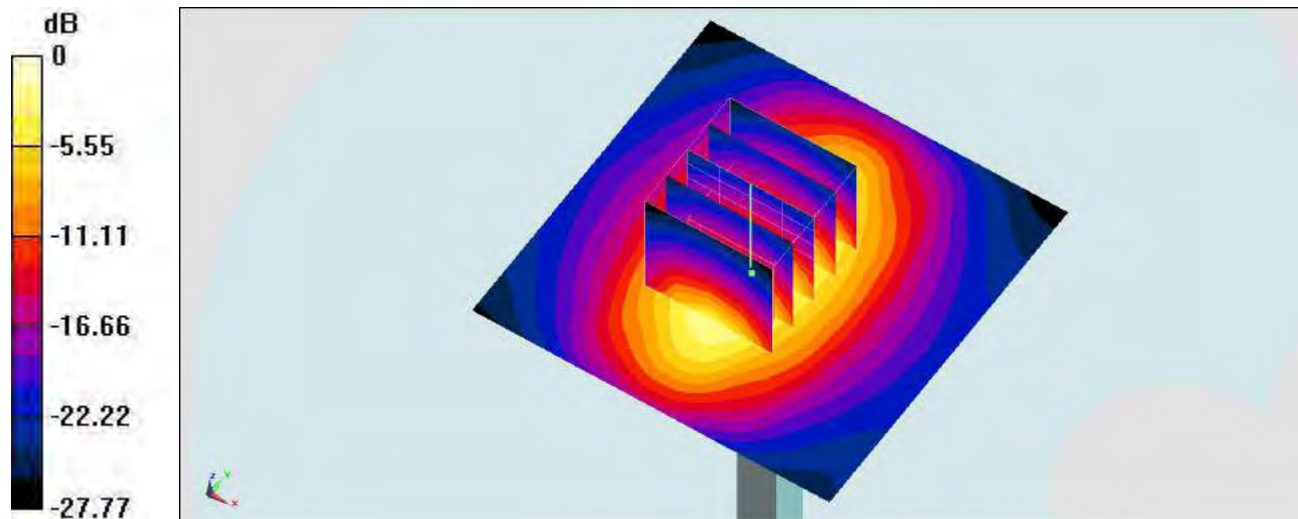
Configuration/Pin=250mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 103.1 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 16.3 W/kg

SAR(1 g) = 9.08 W/kg; SAR(10 g) = 4.91 W/kg

Maximum value of SAR (measured) = 13.7 W/kg



0 dB = 14.0 W/kg = 11.46 dBW/kg

System Check_Body_1750MHz_160309

DUT: D1750V2-1068

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

Medium: MSL_1750_160309 Medium parameters used: $f = 1750$ MHz; $\sigma = 1.48$ mho/m; $\epsilon_r = 55.1$; $\rho = 1000$ kg/m³

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3925; ConvF(8.1, 8.1, 8.1); Calibrated: 2015/5/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2015/5/22
- Phantom: SAM_Front; Type: SAM; Serial: TP-1303
- ;Postprocessing SW: SEMCAD, V1.8 Build 159

Pin=250mW/Area Scan (61x61x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 12.6 mW/g

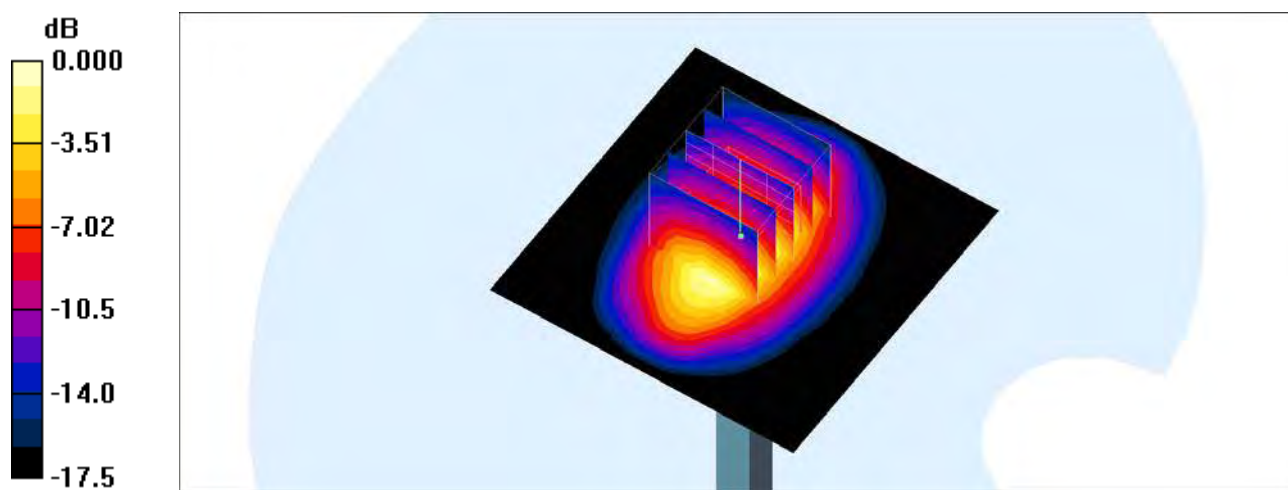
Pin=250mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 92.3 V/m; Power Drift = 0.033 dB

Peak SAR (extrapolated) = 15.7 W/kg

SAR(1 g) = 9.1 mW/g; SAR(10 g) = 4.94 mW/g

Maximum value of SAR (measured) = 12.4 mW/g



0 dB = 12.4mW/g

System Check_Body_1750MHz_160409

DUT: D1750V2-1068

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

Medium: MSL_1750_160409 Medium parameters used: $f = 1750$ MHz; $\sigma = 1.459$ S/m; $\epsilon_r = 52.943$; $\rho = 1000$ kg/m³

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

DASY5 Configuration

- Probe: EX3DV4 - SN3931; ConvF(8.19, 8.19, 8.19); Calibrated: 2015/10/1;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2015/9/24
- Phantom: SAM_Right; Type: QD000P40CD; Serial: S/N:1801
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/Pin=250mW/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 13.5 W/kg

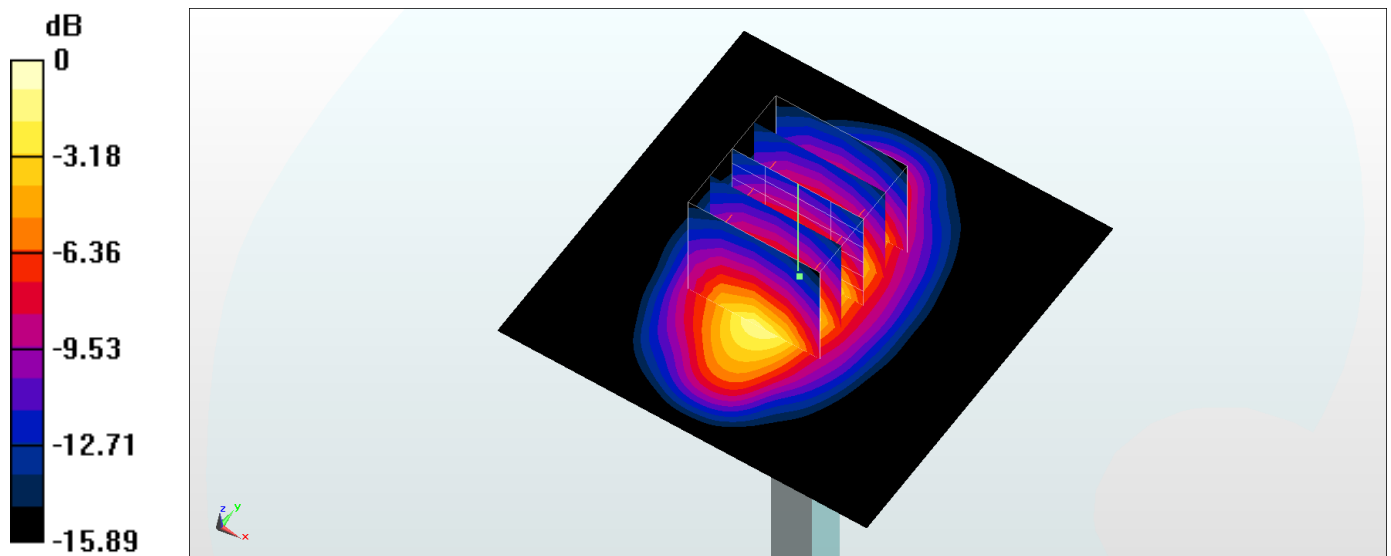
Configuration/Pin=250mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 98.99 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 16.0 W/kg

SAR(1 g) = 9.22 W/kg; SAR(10 g) = 5 W/kg

Maximum value of SAR (measured) = 13.8 W/kg



0 dB = 13.8 W/kg = 11.40 dBW/kg

System Check_Head_1900MHz_160307**DUT: D1900V2_5d041**

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

Medium: HSL_1900_160307 Medium parameters used: $f = 1900$ MHz; $\sigma = 1.395$ S/m; $\epsilon_r = 38.571$; $\rho = 1000$ kg/m³

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

DASY5 Configuration

- Probe: EX3DV4 - SN3931; ConvF(8.31, 8.31, 8.31); Calibrated: 2015/10/1;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2015/9/24
- Phantom: SAM LEFT; Type: QD000P40CD; Serial: TP:1718
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/Pin=250mW/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 15.2 W/kg

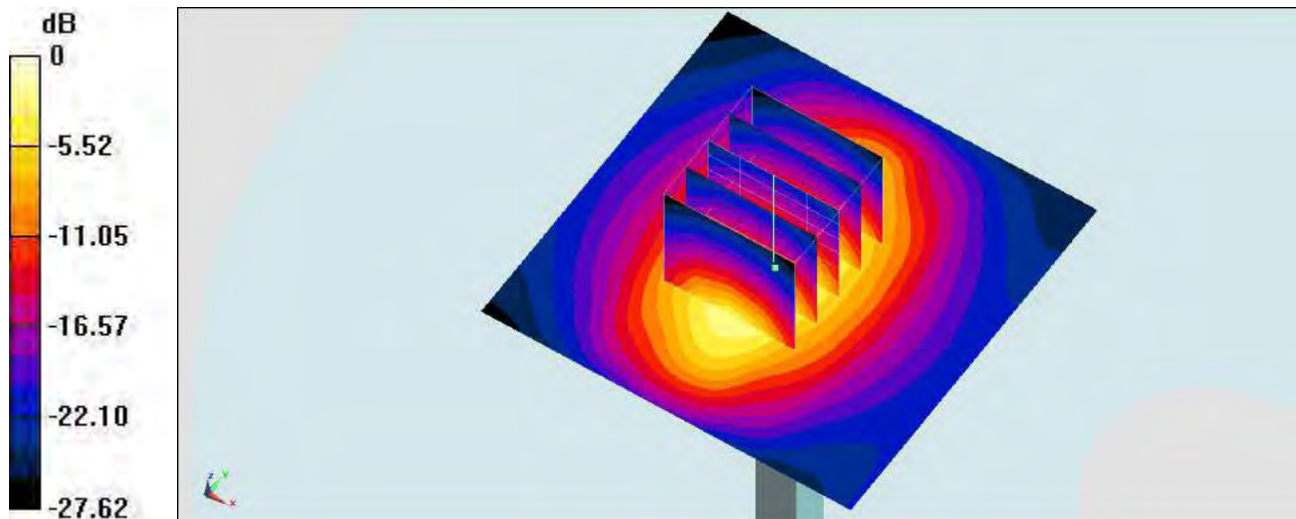
Configuration/Pin=250mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 107.0 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 18.1 W/kg

SAR(1 g) = 9.74 W/kg; SAR(10 g) = 5.06 W/kg

Maximum value of SAR (measured) = 15.2 W/kg



0 dB = 15.2 W/kg = 11.82 dBW/kg

System Check_Body_1900MHz_160409

DUT: D1900V2-5d041

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

Medium: MSL_1900_160409 Medium parameters used: $f = 1900$ MHz; $\sigma = 1.524$ S/m; $\epsilon_r = 54.95$; $\rho = 1000$ kg/m³

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

DASY5 Configuration

- Probe: EX3DV4 - SN3931; ConvF(7.94, 7.94, 7.94); Calibrated: 2015/10/1;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2015/9/24
- Phantom: SAM_Right; Type: QD000P40CD; Serial: S/N:1801
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/Pin=250mW/Area Scan (61x61x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Maximum value of SAR (interpolated) = 15.7 W/kg

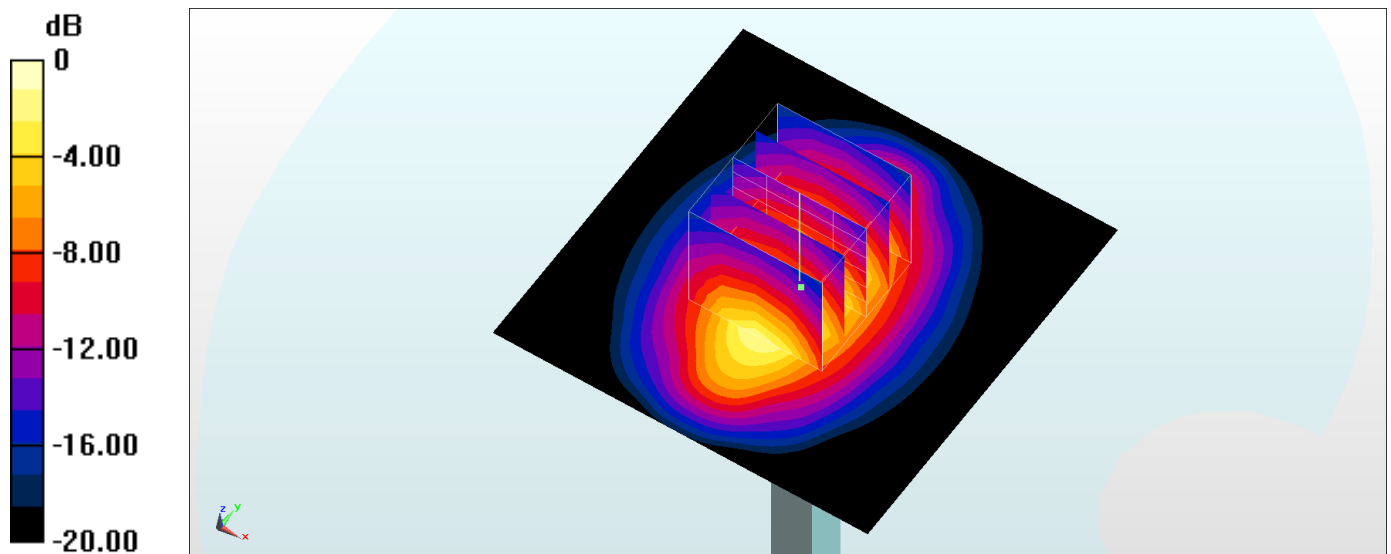
Configuration/Pin=250mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 104.9 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 18.1 W/kg

SAR(1 g) = 10.2 W/kg; SAR(10 g) = 5.34 W/kg

Maximum value of SAR (measured) = 15.4 W/kg



0 dB = 15.4 W/kg = 11.88 dBW/kg

System Check_Head_2600MHz_160306

DUT: D2600V2-1008

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

Medium: HSL_2600_160306 Medium parameters used: $f = 2600$ MHz; $\sigma = 2.002$ S/m; $\epsilon_r = 38.887$; $\rho = 1000$ kg/m³

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

DASY5 Configuration

- Probe: EX3DV4 - SN3931; ConvF(7.29, 7.29, 7.29); Calibrated: 2015/10/1;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2015/9/24
- Phantom: SAM_RIGHT; Type: QD000P40CD; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/Pin=250mW/Area Scan (61x61x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 26.0 W/kg

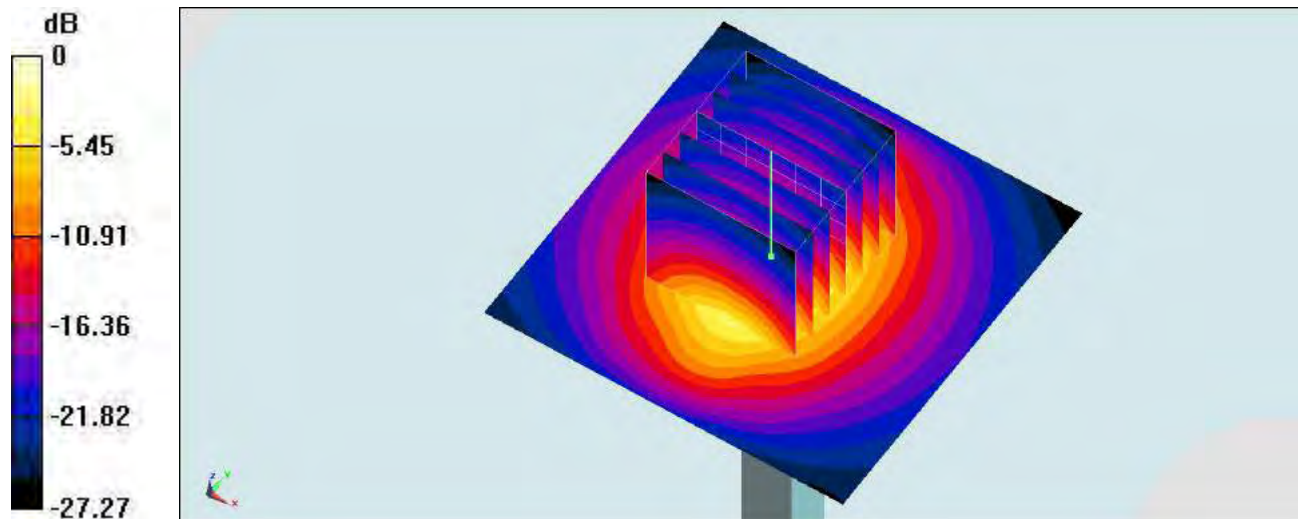
Configuration/Pin=250mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 117.6 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 33.2 W/kg

SAR(1 g) = 15.2 W/kg; SAR(10 g) = 6.72 W/kg

Maximum value of SAR (measured) = 26.2 W/kg



0 dB = 26.0 W/kg = 14.15 dBW/kg

System Check_Body_2600MHz_160410

DUT: D2600V2-1008

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

Medium: MSL_2600_160410 Medium parameters used: $f = 2600$ MHz; $\sigma = 2.244$ S/m; $\epsilon_r = 53.37$; $\rho = 1000$ kg/m³

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

DASY5 Configuration

- Probe: ES3DV3 - SN3270; ConvF(4.27, 4.27, 4.27); Calibrated: 2015/9/28;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2015/8/25
- Phantom: SAM_Left; Type: QD000P40CD; Serial: S/N:1796
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/Pin=250mW/Area Scan (71x71x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 20.8 W/kg

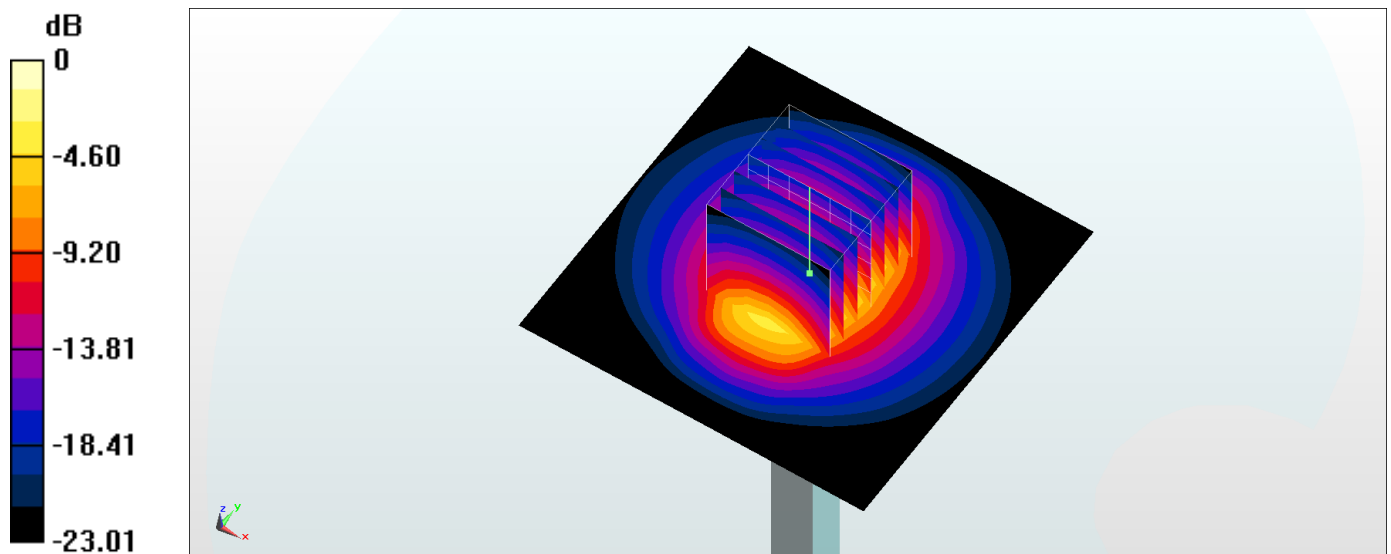
Configuration/Pin=250mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 104.6 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 29.6 W/kg

SAR(1 g) = 13.6 W/kg; SAR(10 g) = 6.1 W/kg

Maximum value of SAR (measured) = 21.3 W/kg



0 dB = 21.3 W/kg = 13.28 dBW/kg