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***Appendix A. Plots of System Performance Check***

The plots are shown as follows.

**System Check\_Head\_750MHz\_150330****DUT: D750V3 - SN:1065**

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

Medium: HSL\_750\_150330 Medium parameters used:  $f = 750$  MHz;  $\sigma = 0.881$  mho/m;  $\epsilon_r = 40.783$ ;

$\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.8 °C ; Liquid Temperature : 22.9 °C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3857; ConvF(9.92, 9.92, 9.92); Calibrated: 2014.05.23
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2014.05.19
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.4.5 (3634)

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

Maximum value of SAR (interpolated) = 2.58 mW/g

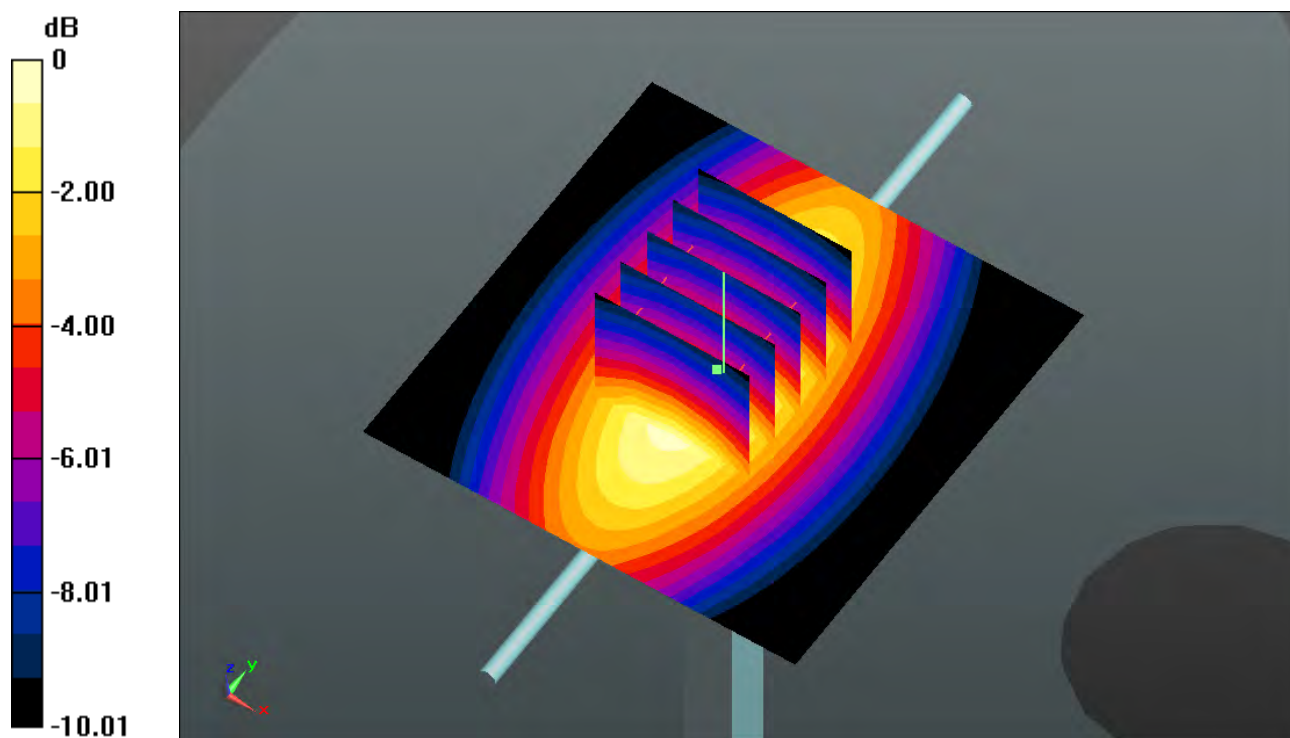
**Pin=250mW/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 49.97 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 3.00 W/kg

**SAR(1 g) = 2.19 mW/g; SAR(10 g) = 1.37 mW/g**

Maximum value of SAR (measured) = 2.58 mW/g



0 dB = 2.580mW/g

**System Check\_Head\_835MHz\_150330****DUT: D835V2 - SN:4d091**

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

Medium: HSL\_835\_150330 Medium parameters used:  $f = 835 \text{ MHz}$ ;  $\sigma = 0.885 \text{ mho/m}$ ;  $\epsilon_r = 41.073$ ;

$\rho = 1000 \text{ kg/m}^3$

Ambient Temperature :  $23.8 \text{ }^\circ\text{C}$  ; Liquid Temperature :  $22.8 \text{ }^\circ\text{C}$

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3857; ConvF(9.41, 9.41, 9.41); Calibrated: 2014.05.23
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2014.05.19
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.4.5 (3634)

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

Maximum value of SAR (interpolated) =  $2.828 \text{ mW/g}$

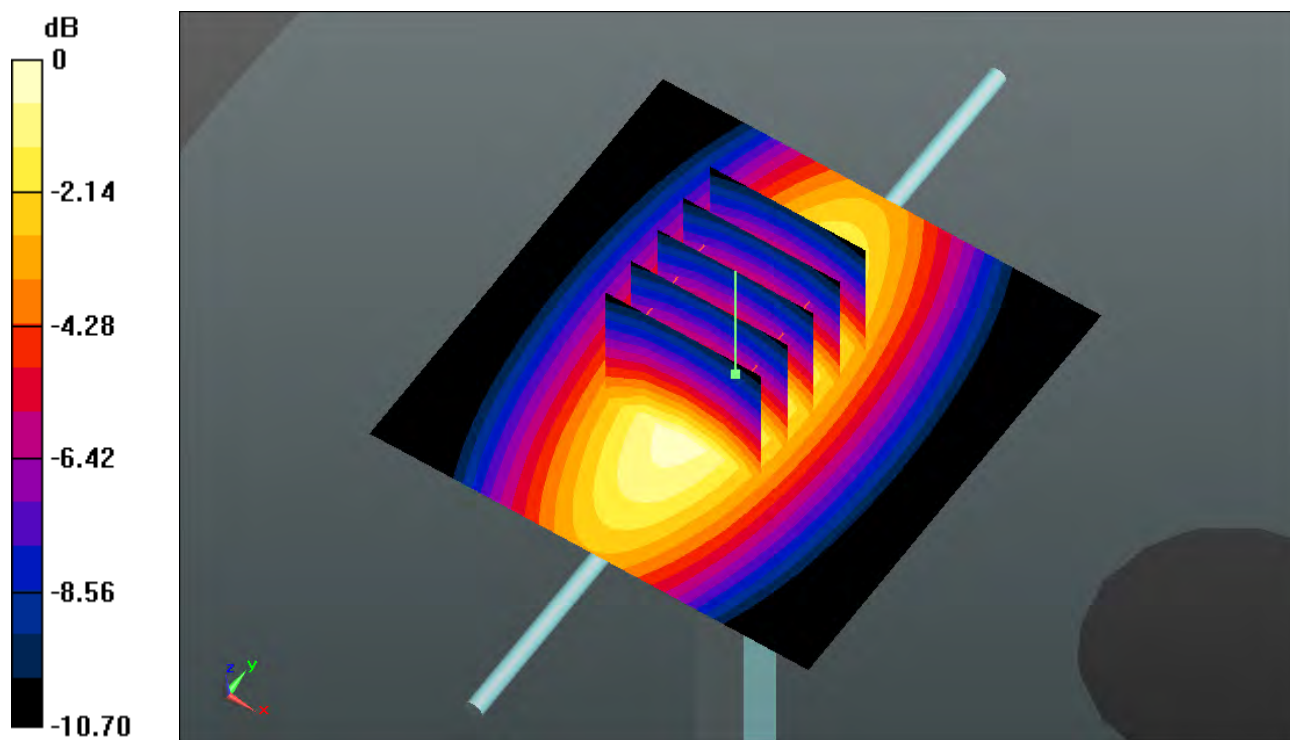
**Pin=250mW/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $52.090 \text{ V/m}$ ; Power Drift =  $0.03 \text{ dB}$

Peak SAR (extrapolated) =  $3.308 \text{ W/kg}$

**SAR(1 g) =  $2.23 \text{ mW/g}$ ; SAR(10 g) =  $1.46 \text{ mW/g}$**

Maximum value of SAR (measured) =  $2.829 \text{ mW/g}$



0 dB =  $2.830 \text{ mW/g}$

**System Check\_Head\_1750MHz\_150405****DUT: D1750V2 - SN:1069**

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

Medium: HSL\_1750\_150405 Medium parameters used:  $f = 1750$  MHz;  $\sigma = 1.383$  mho/m;  $\epsilon_r = 41.3$ ;

$\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.9 °C ; Liquid Temperature : 22.6 °C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3857; ConvF(8.55, 8.55, 8.55); Calibrated: 2014.05.23
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2014.05.19
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.4.5 (3634)

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

Maximum value of SAR (interpolated) = 12.769 mW/g

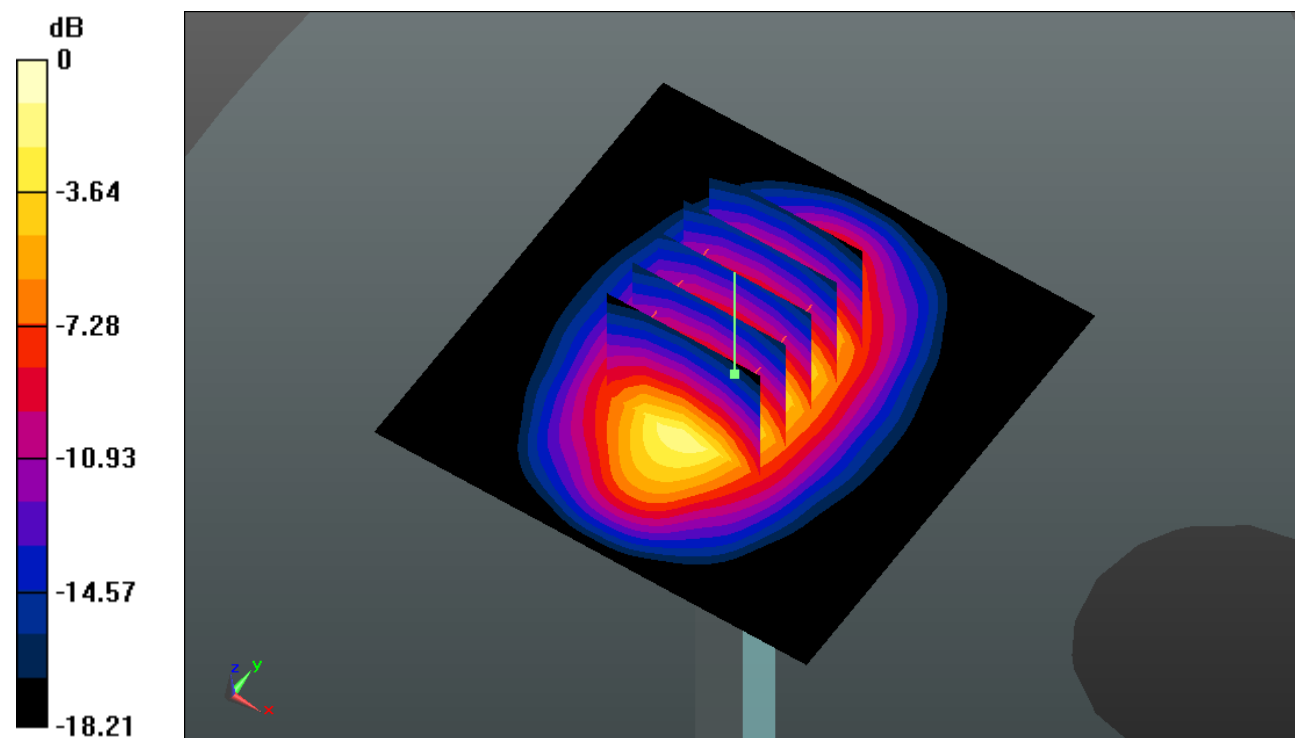
**Pin=250mW/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 84.727 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 16.255 W/kg

**SAR(1 g) = 8.73 mW/g; SAR(10 g) = 4.52 mW/g**

Maximum value of SAR (measured) = 12.676 mW/g



0 dB = 12.680mW/g

**System Check\_Head\_1900MHz\_150405****DUT: D1900V2 - SN:5d118**

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

Medium: HSL\_1900\_150405 Medium parameters used:  $f = 1900$  MHz;  $\sigma = 1.424$  mho/m;  $\epsilon_r =$

$39.075$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.8 °C ; Liquid Temperature : 22.6 °C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3857; ConvF(8.4, 8.4, 8.4); Calibrated: 2014.05.23
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2014.05.19
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.4.5 (3634)

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

Maximum value of SAR (interpolated) = 13.700 mW/g

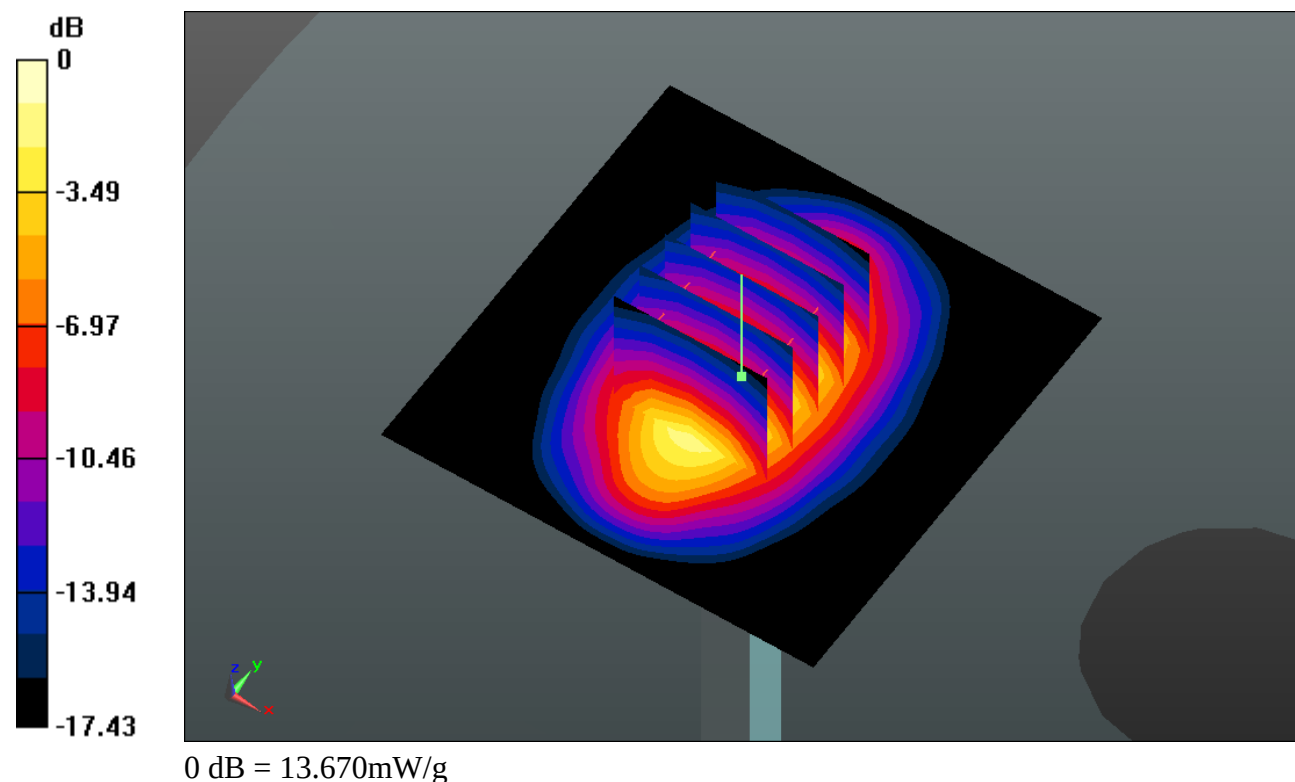
**Pin=250mW/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 86.939 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 17.251 W/kg

**SAR(1 g) = 9.52 mW/g; SAR(10 g) = 4.99 mW/g**

Maximum value of SAR (measured) = 13.670 mW/g



**System Check\_Head\_2450MHz\_150410****DUT: D2450V2 - SN:840**

Communication System: CW; Frequency: 2450 MHz; Duty Cycle: 1:1

Medium: HSL\_2450\_150410 Medium parameters used:  $f = 2450$  MHz;  $\sigma = 1.82$  mho/m;  $\epsilon_r =$

$39.202$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature :  $23.7$  °C ; Liquid Temperature :  $22.9$  °C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3857; ConvF(7.48, 7.48, 7.48); Calibrated: 2014.05.23
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2014.05.19
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.4.5 (3634)

**Pin=250mW/Area Scan (71x71x1):** Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 20.030 mW/g

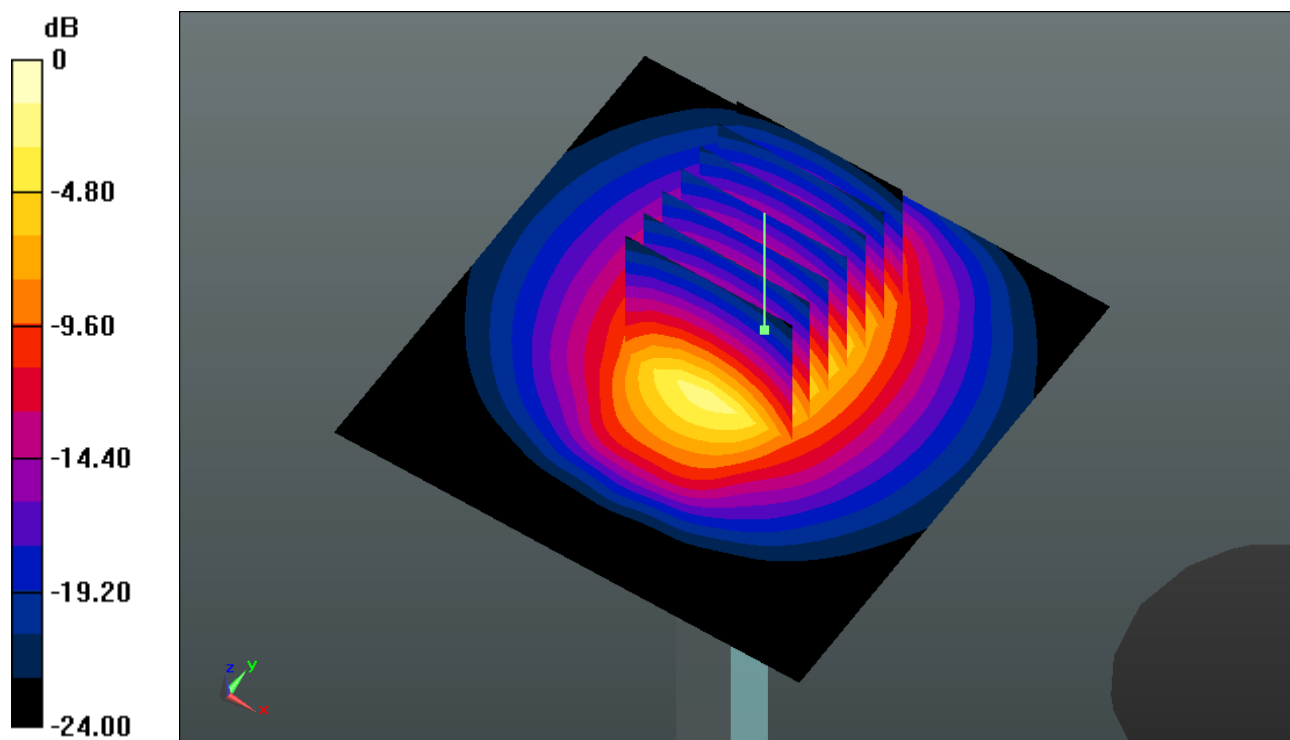
**Pin=250mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 83.334 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 28.341 W/kg

**SAR(1 g) = 12.9 mW/g; SAR(10 g) = 5.76 mW/g**

Maximum value of SAR (measured) = 20.156 mW/g



0 dB = 20.160mW/g

**System Check\_Head\_2600MHz\_150407****DUT: D2600V2 - SN:1061**

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

Medium: HSL\_2600\_150407 Medium parameters used:  $f = 2600$  MHz;  $\sigma = 1.974$  mho/m;  $\epsilon_r =$

$38.204$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.6 °C ; Liquid Temperature : 22.5 °C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3857; ConvF(7.3, 7.3, 7.3); Calibrated: 2014.05.23
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2014.05.19
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.4.5 (3634)

**Pin=250mW/Area Scan (71x71x1):** Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 21.917 mW/g

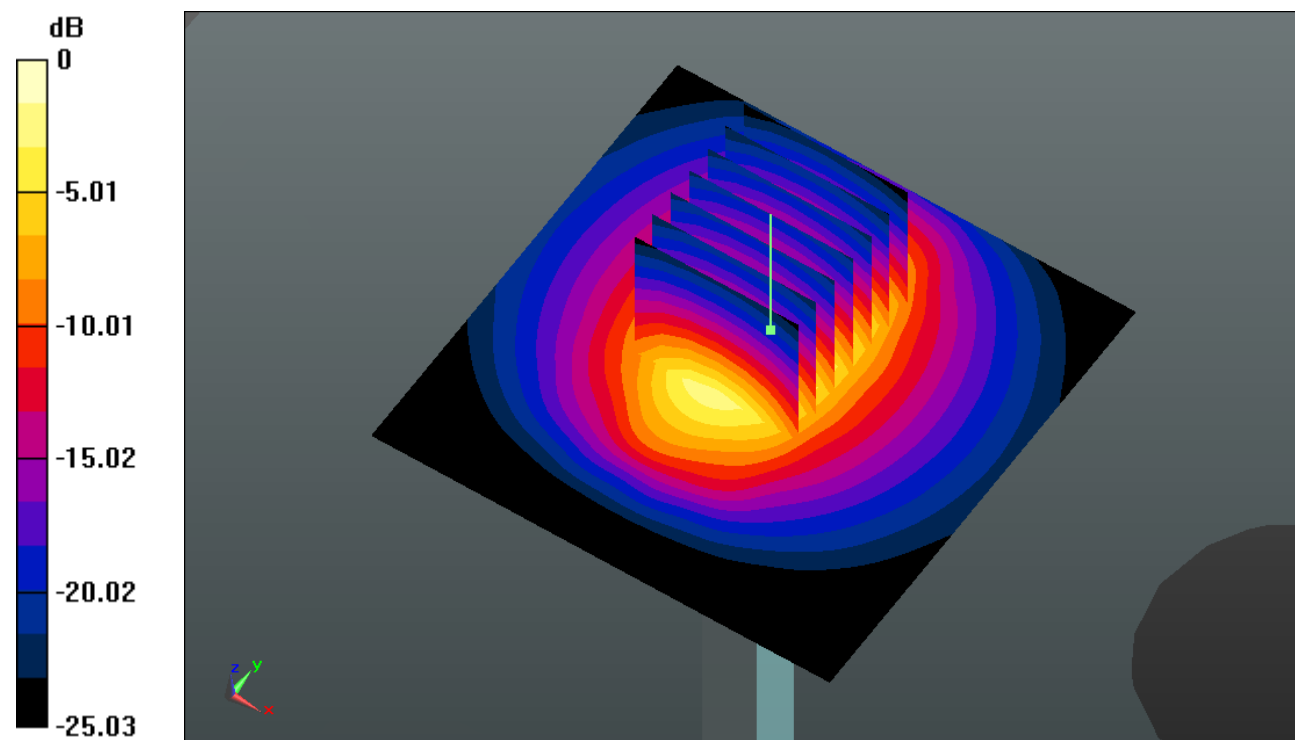
**Pin=250mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 88.020 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 31.145 W/kg

**SAR(1 g) = 13.9 mW/g; SAR(10 g) = 6.15 mW/g**

Maximum value of SAR (measured) = 22.149 mW/g



0 dB = 22.150mW/g

**System Check\_Head\_5200MHz\_150404****DUT: D5GHzV2-SN:1113**

Communication System: CW; Frequency: 5200 MHz; Duty Cycle: 1:1

Medium: HSL\_5000\_150404 Medium parameters used:  $f = 5200$  MHz;  $\sigma = 4.803$  mho/m;  $\epsilon_r =$

$35.472$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3857; ConvF(5.35, 5.35, 5.35); Calibrated: 2014.05.23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2014.05.19
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.4.5 (3634)

**Pin=100mW/Area Scan (71x71x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) =  $19.099$  mW/g

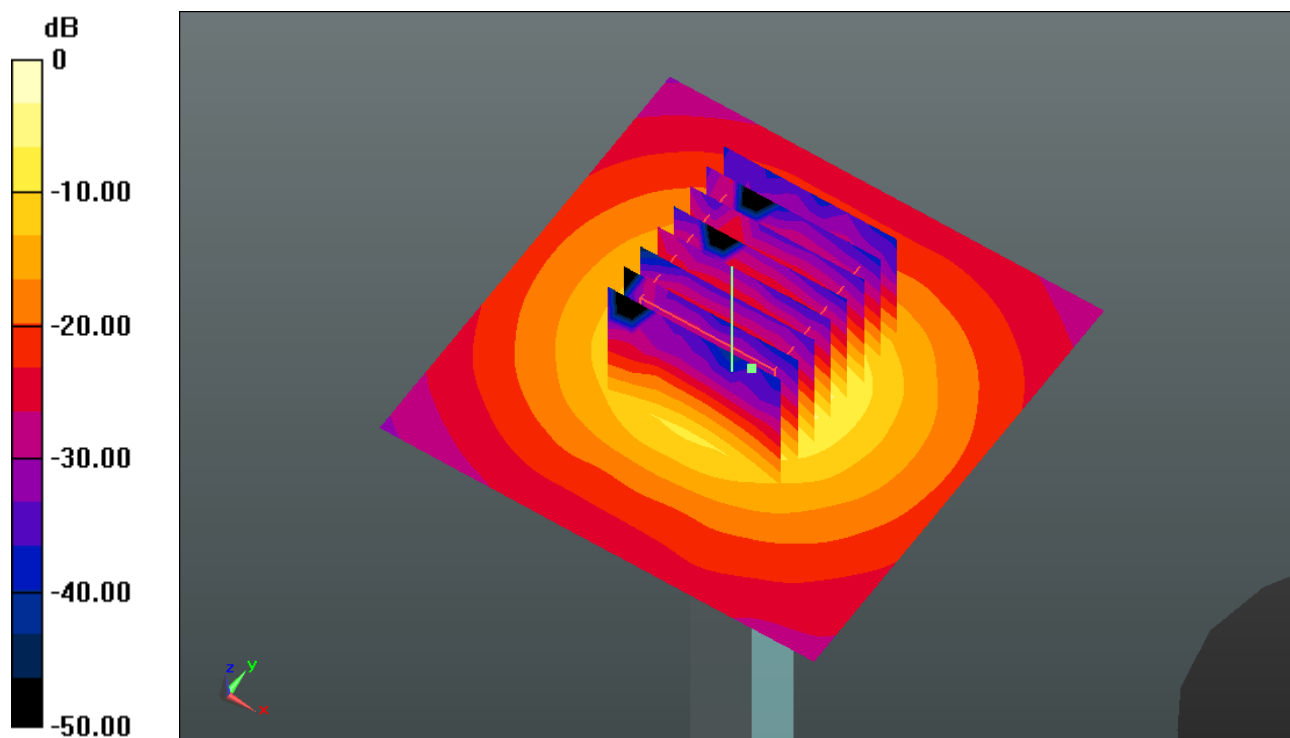
**Pin=100mW/Zoom Scan (8x8x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value =  $43.463$  V/m; Power Drift =  $-0.18$  dB

Peak SAR (extrapolated) =  $33.776$  W/kg

**SAR(1 g) =  $8.01$  mW/g; SAR(10 g) =  $2.29$  mW/g**

Maximum value of SAR (measured) =  $18.853$  mW/g



0 dB =  $18.850$  mW/g

**System Check\_Head\_5800MHz\_150404****DUT: D5GHzV2-SN:1113**

Communication System: CW; Frequency: 5800 MHz; Duty Cycle: 1:1

Medium: HSL\_5000\_150404 Medium parameters used:  $f = 5800$  MHz;  $\sigma = 5.406$  mho/m;  $\epsilon_r =$

34.362;  $\rho = 1000$  kg/m<sup>3</sup>

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

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3857; ConvF(4.79, 4.79, 4.79); Calibrated: 2014.05.23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2014.05.19
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.4.5 (3634)

**Pin=100mW/Area Scan (71x71x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 21.900 mW/g

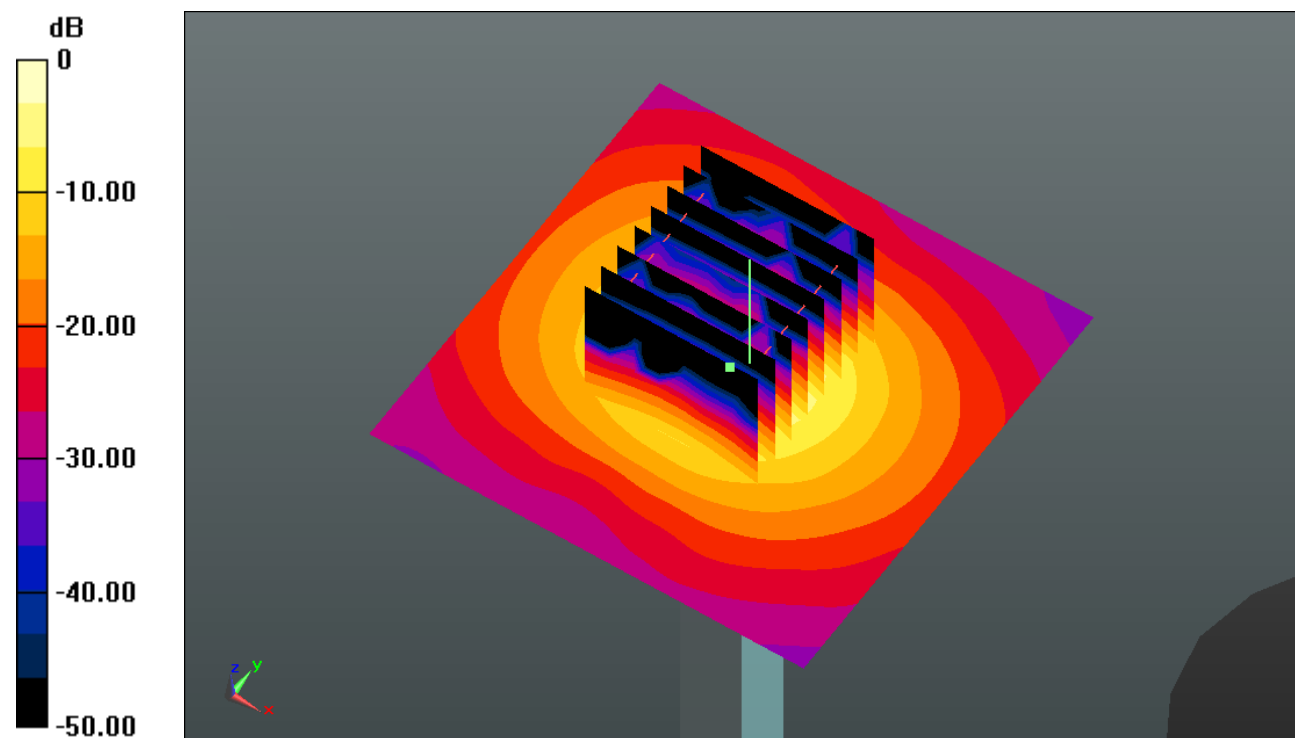
**Pin=100mW/Zoom Scan (8x8x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 42.849 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 37.974 W/kg

**SAR(1 g) = 8.32 mW/g; SAR(10 g) = 2.5 mW/g**

Maximum value of SAR (measured) = 21.517 mW/g



0 dB = 21.520mW/g

**System Check\_Body\_750MHz\_150325****DUT: D750V2 - SN:1065**

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

Medium: MSL\_750\_150325 Medium parameters used:  $f = 750 \text{ MHz}$ ;  $\sigma = 0.961 \text{ mho/m}$ ;  $\epsilon_r = 53.913$ ;

$\rho = 1000 \text{ kg/m}^3$

Ambient Temperature :  $23.7^\circ\text{C}$  ; Liquid Temperature :  $22.8^\circ\text{C}$

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3857; ConvF(9.46, 9.46, 9.46); Calibrated: 2014.05.23
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2014.05.19
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.4.5 (3634)

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

Maximum value of SAR (interpolated) =  $2.605 \text{ mW/g}$

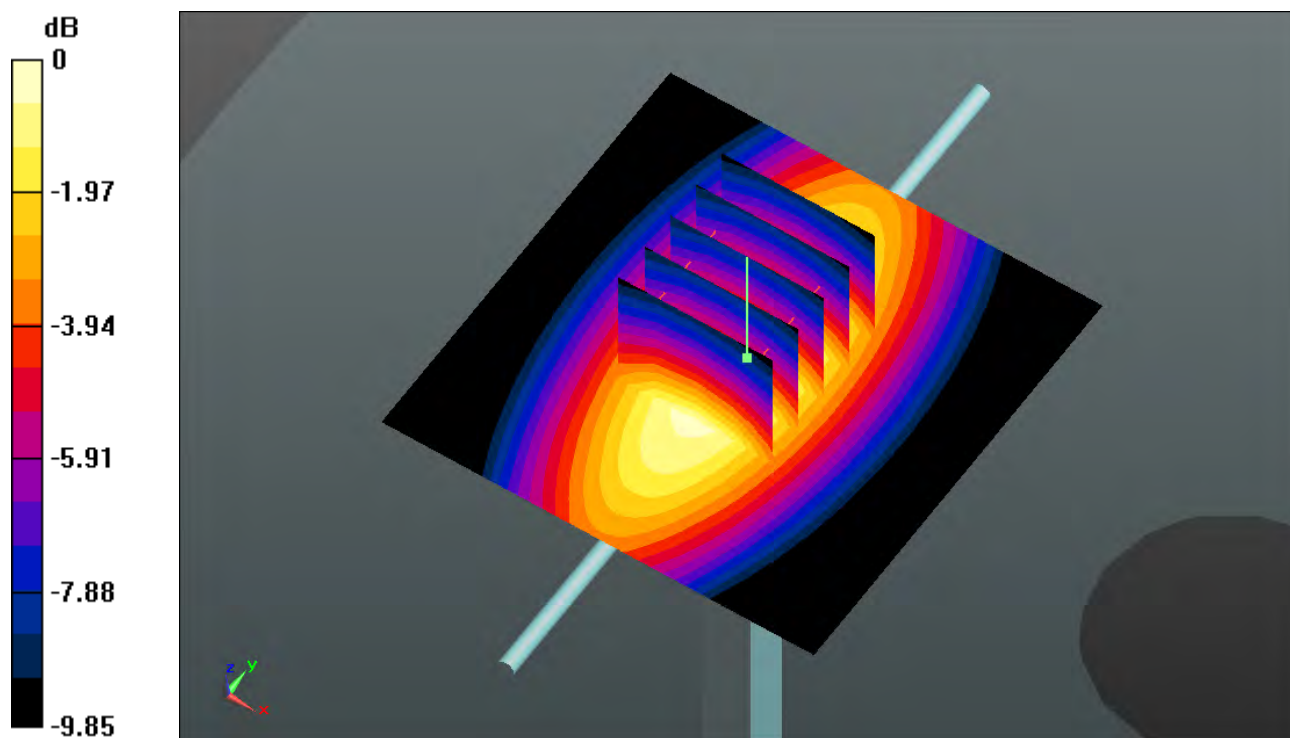
**Pin=250mW/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $48.545 \text{ V/m}$ ; Power Drift =  $0.08 \text{ dB}$

Peak SAR (extrapolated) =  $3.000 \text{ W/kg}$

**SAR(1 g) =  $2.09 \text{ mW/g}$ ; SAR(10 g) =  $1.41 \text{ mW/g}$**

Maximum value of SAR (measured) =  $2.603 \text{ mW/g}$



**System Check\_Body\_835MHz\_150325****DUT: D835V2 - SN:4d091**

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

Medium: MSL\_835\_150325 Medium parameters used:  $f = 835$  MHz;  $\sigma = 0.98$  mho/m;  $\epsilon_r = 54.477$ ;

$\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.7 °C ; Liquid Temperature : 22.6 °C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3857; ConvF(9.31, 9.31, 9.31); Calibrated: 2014.05.23
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2014.05.19
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.4.5 (3634)

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

Maximum value of SAR (interpolated) = 2.850 mW/g

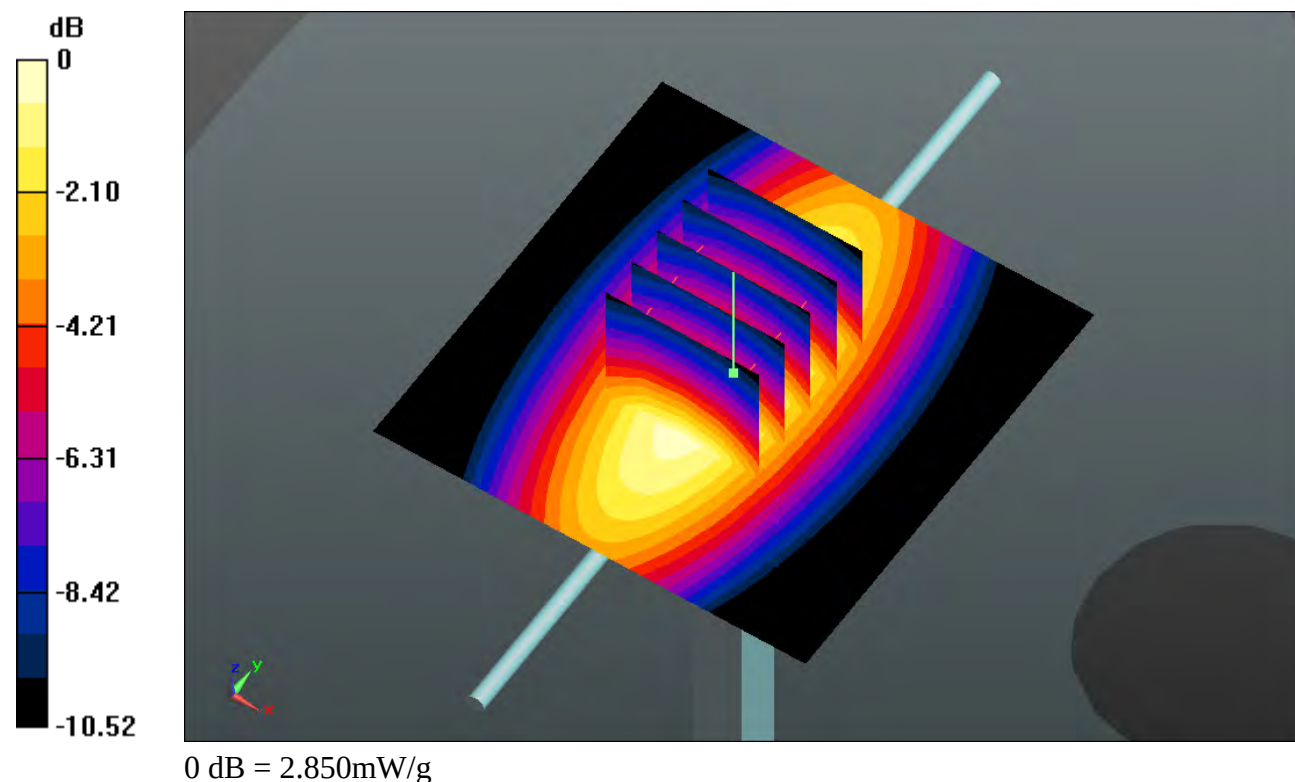
**Pin=250mW/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 50.056 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 3.322 W/kg

**SAR(1 g) = 2.26 mW/g; SAR(10 g) = 1.49 mW/g**

Maximum value of SAR (measured) = 2.854 mW/g



**System Check\_Body\_1750MHz\_150325****DUT: D1750V2 - SN:1069**

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

Medium: MSL\_1750\_150325 Medium parameters used:  $f = 1750$  MHz;  $\sigma = 1.522$  mho/m;  $\epsilon_r =$

54.439;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.9 °C ; Liquid Temperature : 22.8 °C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3857; ConvF(7.89, 7.89, 7.89); Calibrated: 2014.05.23
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2014.05.19
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.4.5 (3634)

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

Maximum value of SAR (interpolated) = 12.940 mW/g

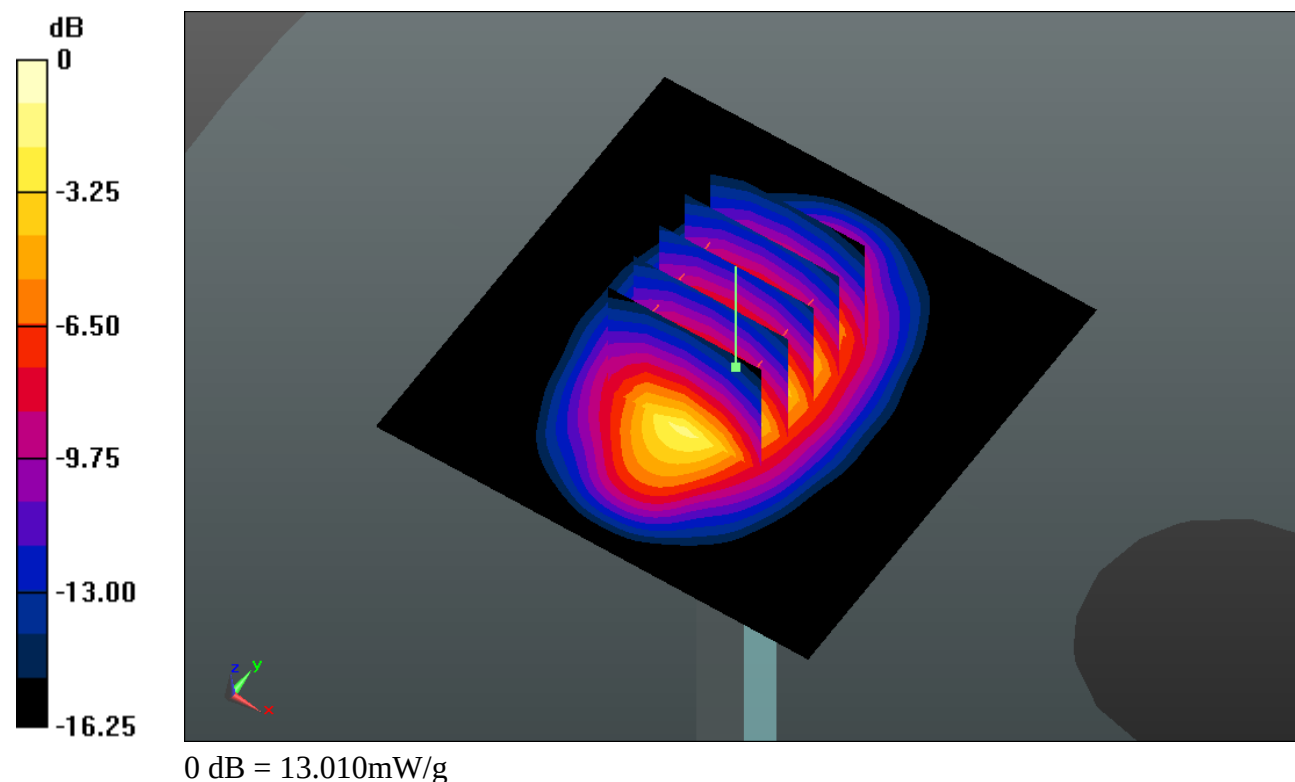
**Pin=250mW/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 82.257 V/m; Power Drift = 0.0051 dB

Peak SAR (extrapolated) = 16.170 W/kg

**SAR(1 g) = 9.24 mW/g; SAR(10 g) = 4.95 mW/g**

Maximum value of SAR (measured) = 13.013 mW/g



**System Check\_Body\_1900MHz\_150325****DUT: D1900V2 - SN:5d118**

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

Medium: MSL\_1900\_150325 Medium parameters used:  $f = 1900$  MHz;  $\sigma = 1.544$  mho/m;  $\epsilon_r =$

53.236;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.8 °C ; Liquid Temperature : 22.6 °C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3857; ConvF(7.56, 7.56, 7.56); Calibrated: 2014.05.23
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2014.05.19
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.4.5 (3634)

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

Maximum value of SAR (interpolated) = 14.711 mW/g

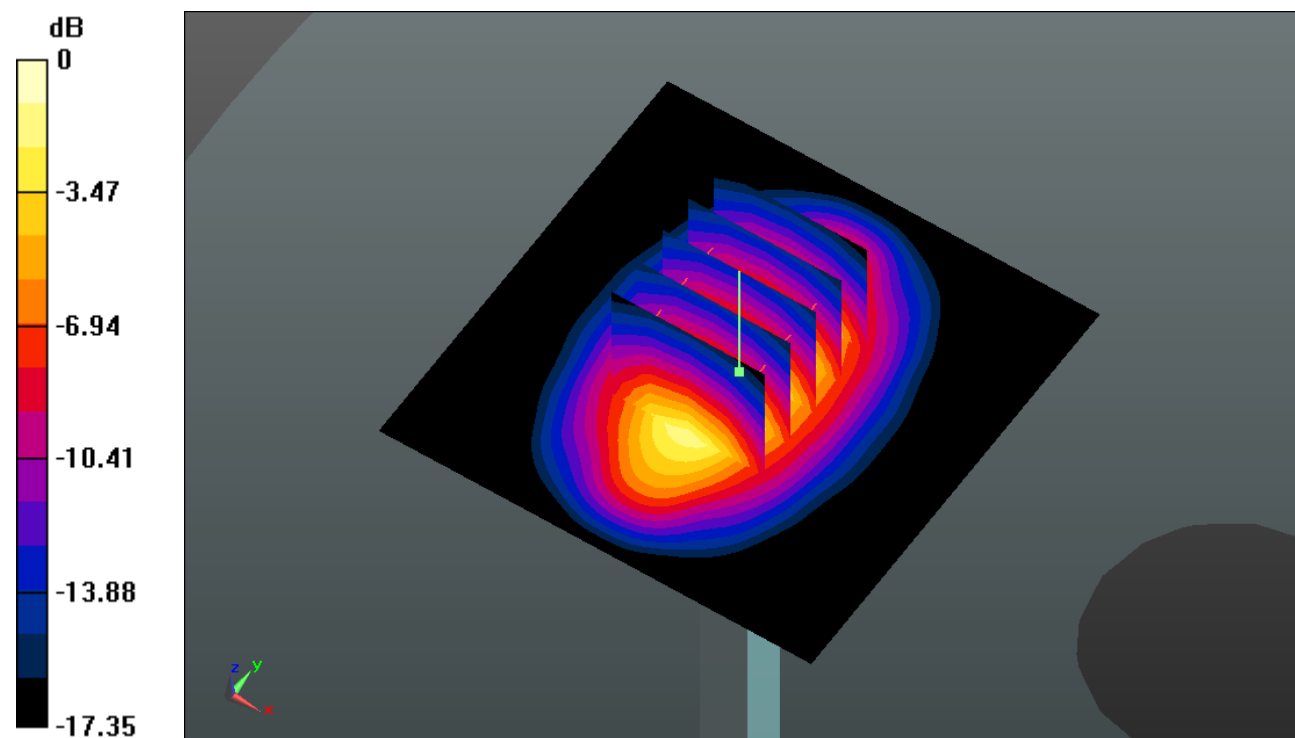
**Pin=250mW/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 87.098 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 18.450 W/kg

**SAR(1 g) = 10.3 mW/g; SAR(10 g) = 5.39 mW/g**

Maximum value of SAR (measured) = 14.714 mW/g



**System Check\_Body\_2450MHz\_150404****DUT: D2450V2 - SN:840**

Communication System: CW; Frequency: 2450 MHz; Duty Cycle: 1:1

Medium: MSL\_2450\_150404 Medium parameters used:  $f = 2450$  MHz;  $\sigma = 1.943$  mho/m;  $\epsilon_r =$

50.96;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.9 °C ; Liquid Temperature : 22.6 °C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3857; ConvF(7.14, 7.14, 7.14); Calibrated: 2014.05.23
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2014.05.19
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.4.5 (3634)

**Pin=250mW/Area Scan (71x71x1):** Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 19.131 mW/g

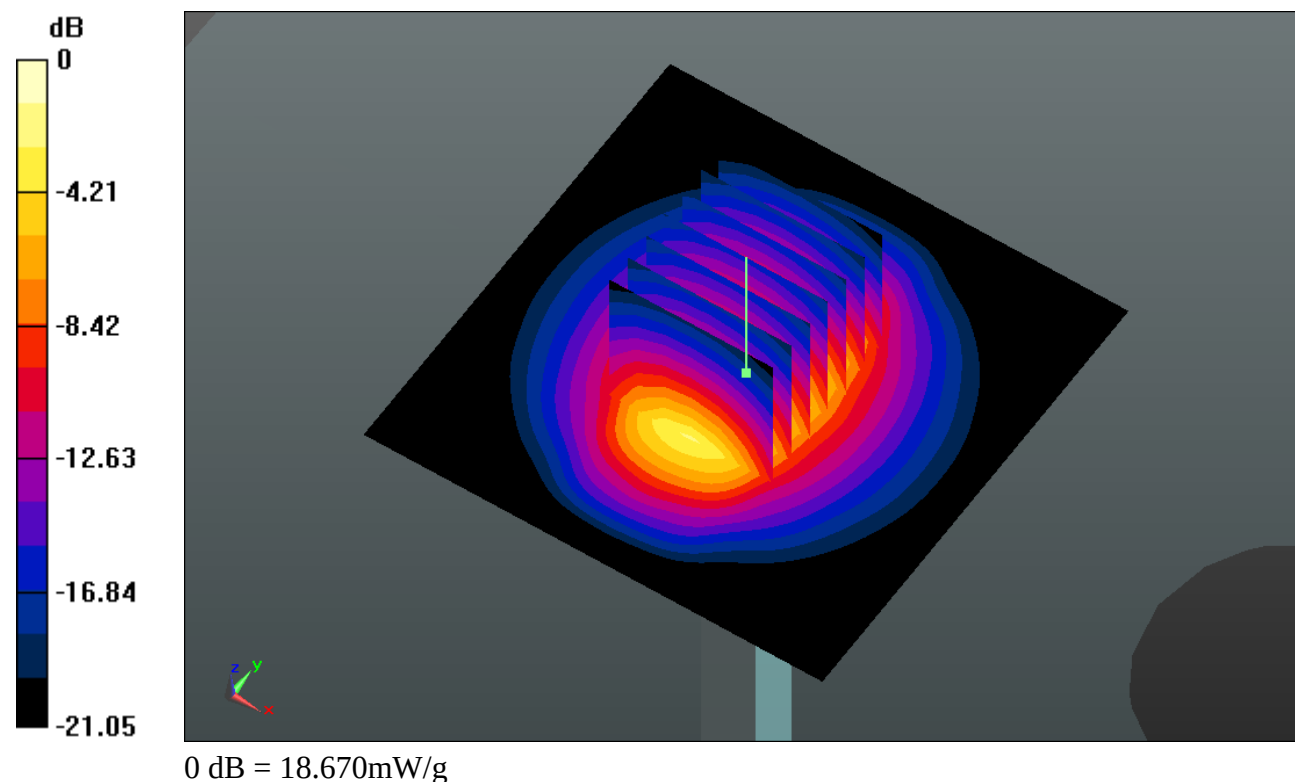
**Pin=250mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 85.638 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 24.867 W/kg

**SAR(1 g) = 12.3 mW/g; SAR(10 g) = 5.72 mW/g**

Maximum value of SAR (measured) = 18.674 mW/g



**System Check\_Body\_2600MHz\_150328****DUT: D2600V2 - SN:1061**

Communication System: CW (0); Frequency: 2600 MHz; Duty Cycle: 1:1

Medium: MSL\_2600\_150328 Medium parameters used:  $f = 2600$  MHz;  $\sigma = 2.201$  mho/m;  $\epsilon_r =$

52.823;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.7 °C ; Liquid Temperature : 22.6 °C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3857; ConvF(6.82, 6.82, 6.82); Calibrated: 2014.05.23
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2014.05.19
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.4.5 (3634)

**Pin=250mW/Area Scan (81x81x1):** Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 21.185 mW/g

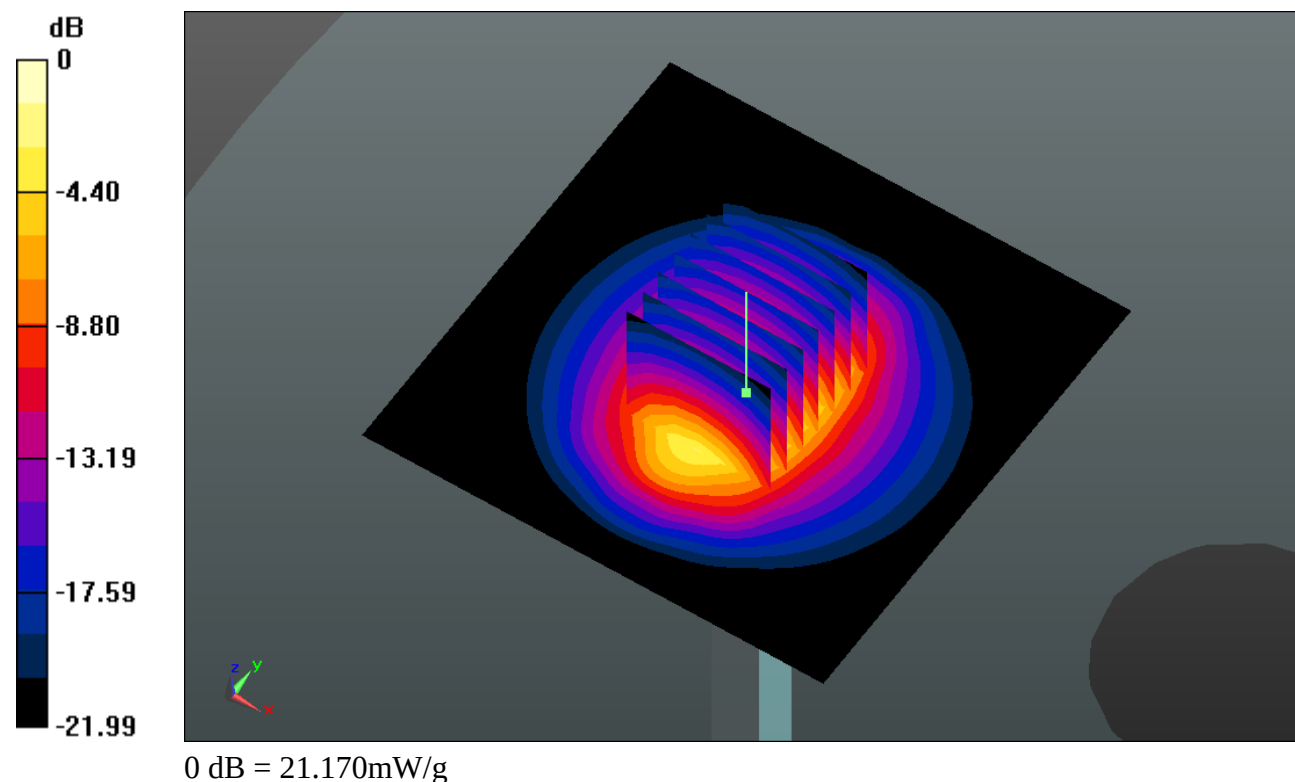
**Pin=250mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 84.755 V/m; Power Drift = -0.002 dB

Peak SAR (extrapolated) = 28.629 W/kg

**SAR(1 g) = 13.7 mW/g; SAR(10 g) = 6.32 mW/g**

Maximum value of SAR (measured) = 21.173 mW/g



**System Check\_Body\_5200MHz\_150413****DUT: D5GHzV2-SN:1113**

Communication System: CW; Frequency: 5200 MHz; Duty Cycle: 1:1

Medium: MSL\_5000\_150413 Medium parameters used:  $f = 5200$  MHz;  $\sigma = 5.363$  mho/m;  $\epsilon_r =$

48.689;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.8 °C ; Liquid Temperature : 22.6 °C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3857; ConvF(4.54, 4.54, 4.54); Calibrated: 2014.05.23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2014.05.19
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.4.5 (3634)

**Pin=100mW/Area Scan (71x71x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 17.248 mW/g

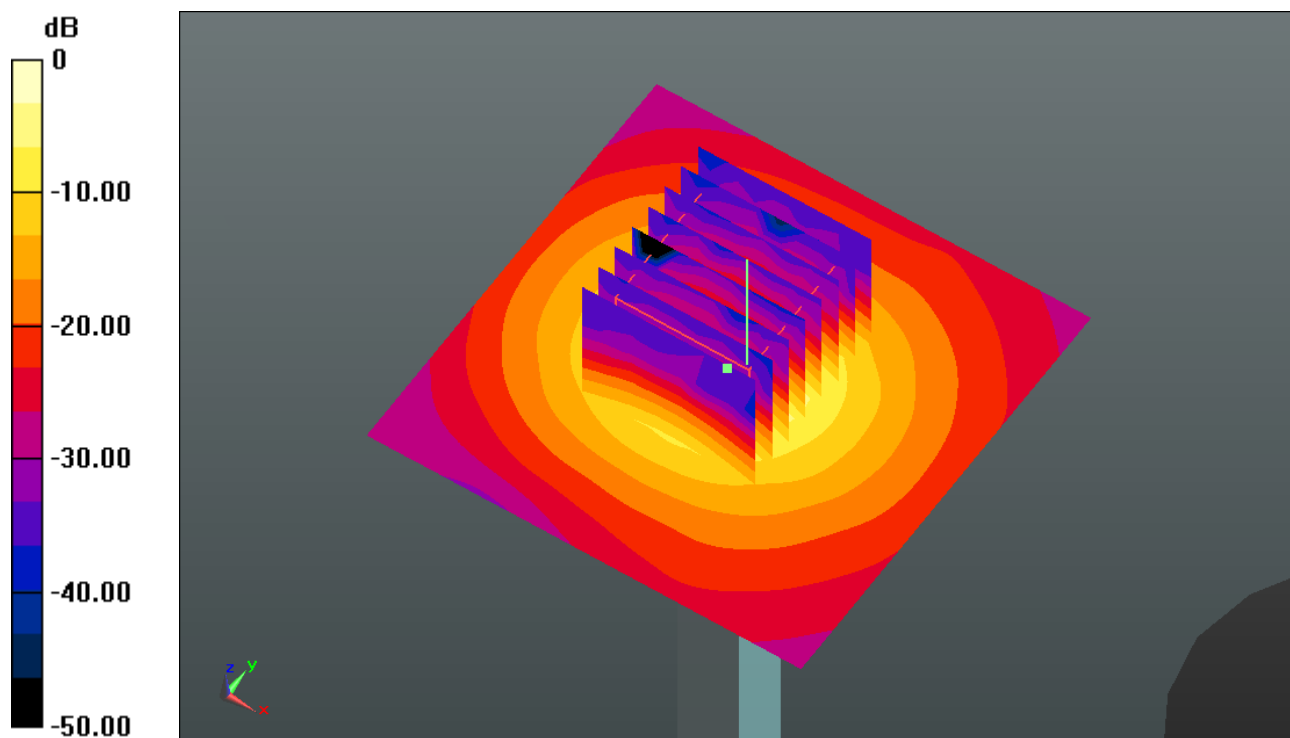
**Pin=100mW/Zoom Scan (8x8x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 40.385 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 30.295 W/kg

**SAR(1 g) = 7.34 mW/g; SAR(10 g) = 2.06 mW/g**

Maximum value of SAR (measured) = 17.010 mW/g



0 dB = 17.010mW/g

**System Check\_Body\_5800MHz\_150413****DUT: D5GHzV2-SN:1113**

Communication System: CW; Frequency: 5800 MHz; Duty Cycle: 1:1

Medium: MSL\_5000\_150413 Medium parameters used:  $f = 5800$  MHz;  $\sigma = 6.228$  mho/m;  $\epsilon_r =$

47.321;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.8 °C ; Liquid Temperature : 22.6 °C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3857; ConvF(4.21, 4.21, 4.21); Calibrated: 2014.05.23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2014.05.19
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.4.5 (3634)

**Pin=100mW/Area Scan (71x71x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 17.941 mW/g

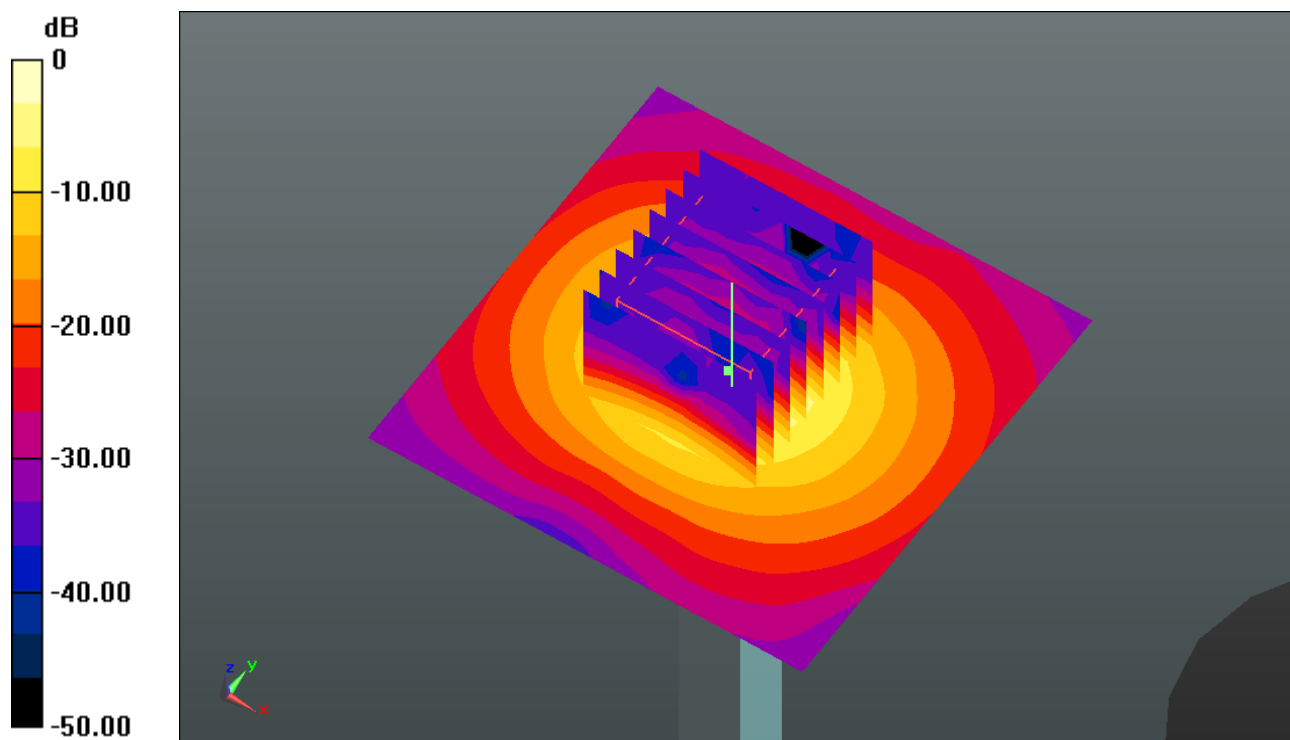
**Pin=100mW/Zoom Scan (8x8x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 36.555 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 32.558 W/kg

**SAR(1 g) = 7.18 mW/g; SAR(10 g) = 1.99 mW/g**

Maximum value of SAR (measured) = 17.567 mW/g



0 dB = 17.570mW/g