

**System Check\_Body\_835MHz\_130411****DUT: D835V2-SN:499**

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

Medium: MSL\_850\_130411 Medium parameters used:  $f = 835$  MHz;  $\sigma = 0.979$  mho/m;  $\epsilon_r = 52.653$ ;  $\rho =$

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

Ambient Temperature :  $22.6^\circ\text{C}$ ; Liquid Temperature :  $21.6^\circ\text{C}$

**DASY5 Configuration:**

- Probe: ET3DV6 - SN1787; ConvF(6.08, 6.08, 6.08); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn910; Calibrated: 2012/12/5
- Phantom: ELI v5.0 Left; Type: QDOVA002AA; Serial: TP:1131
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

**Configuration/Pin=250mW/Area Scan (61x61x1):** Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$   
Maximum value of SAR (interpolated) =  $2.56 \text{ mW/g}$

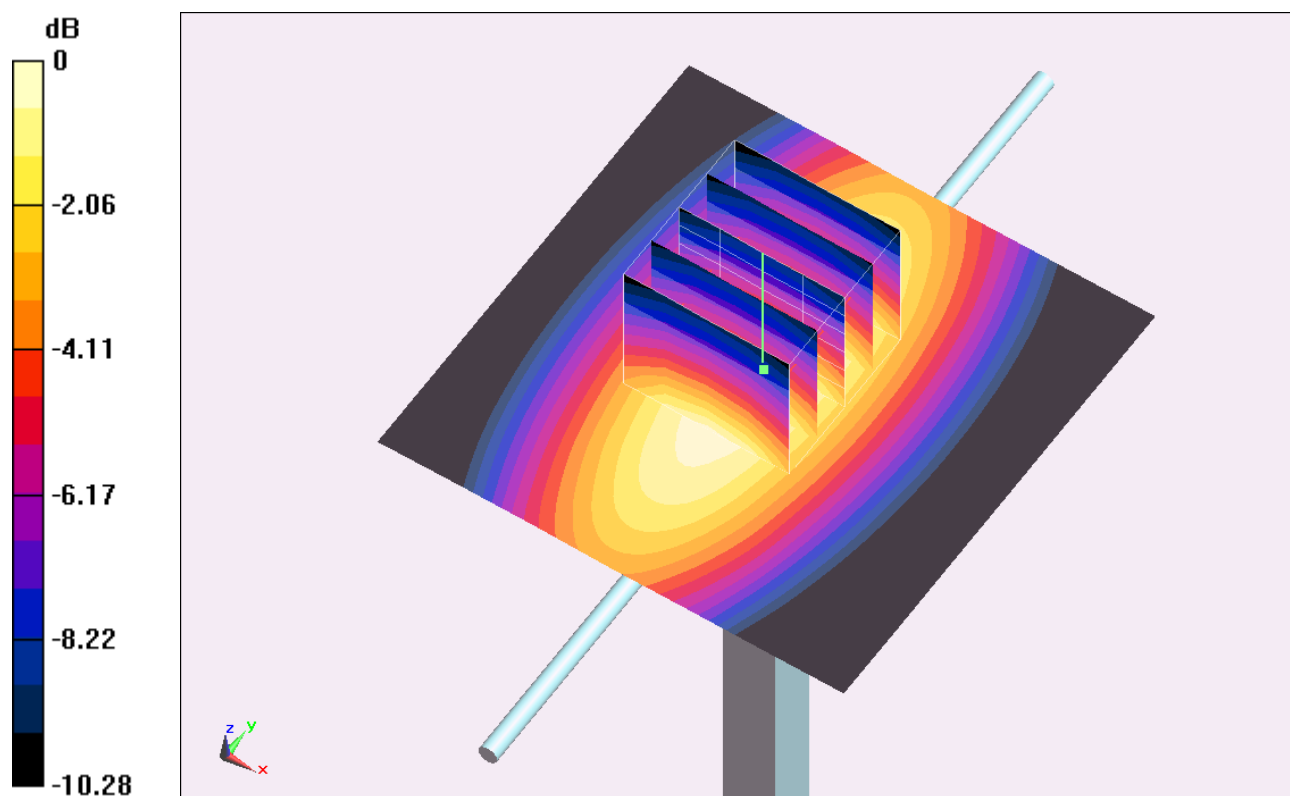
**Configuration/Pin=250mW/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  
 $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $53.166 \text{ V/m}$ ; Power Drift =  $-0.00 \text{ dB}$

Peak SAR (extrapolated) =  $3.358 \text{ mW/g}$

**SAR(1 g) =  $2.36 \text{ mW/g}$ ; SAR(10 g) =  $1.57 \text{ mW/g}$**

Maximum value of SAR (measured) =  $2.55 \text{ mW/g}$



0 dB =  $2.55 \text{ mW/g}$  =  $8.13 \text{ dB mW/g}$

**System Check\_Body\_835MHz\_130414****DUT: D835V2-SN:499**

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

Medium: MSL\_850\_130414 Medium parameters used:  $f = 835$  MHz;  $\sigma = 0.963$  mho/m;  $\epsilon_r = 54.498$ ;  $\rho =$

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

Ambient Temperature :  $22.5^\circ\text{C}$ ; Liquid Temperature :  $21.5^\circ\text{C}$

**DASY5 Configuration:**

- Probe: ES3DV3 - SN3270; ConvF(6.16, 6.16, 6.16); Calibrated: 2012/9/28;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2012/8/27
- Phantom: ELI 4.0\_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

**Configuration/Pin=250mW/Area Scan (61x61x1):** Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$   
Maximum value of SAR (interpolated) =  $2.81 \text{ mW/g}$

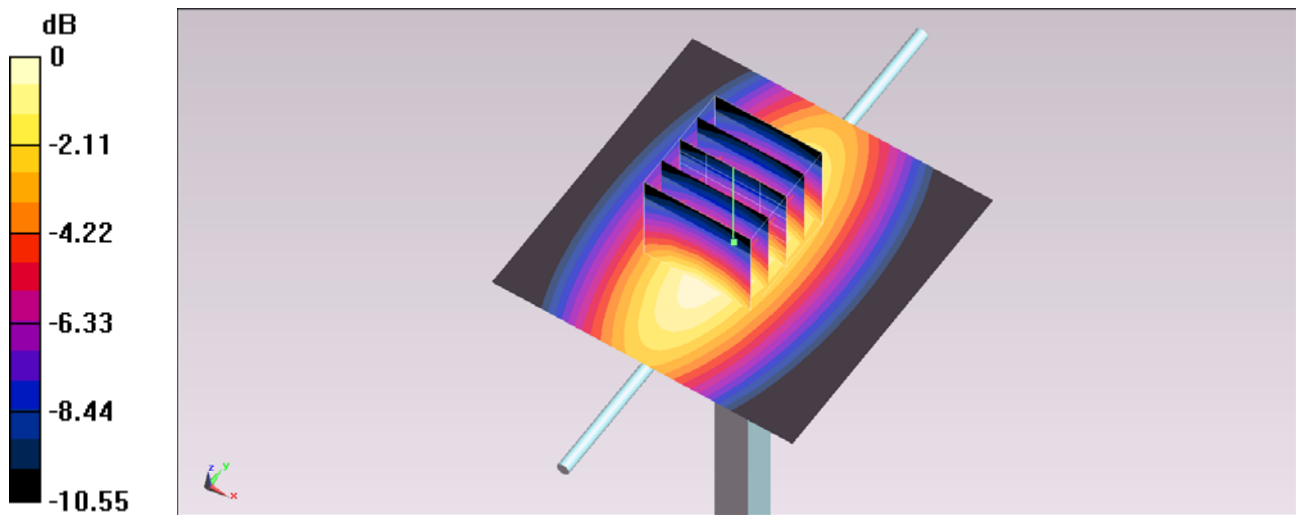
**Configuration/Pin=250mW/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  
 $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $55.779 \text{ V/m}$ ; Power Drift =  $0.01 \text{ dB}$

Peak SAR (extrapolated) =  $3.549 \text{ mW/g}$

**SAR(1 g) =  $2.39 \text{ mW/g}$ ; SAR(10 g) =  $1.54 \text{ mW/g}$**

Maximum value of SAR (measured) =  $2.79 \text{ mW/g}$



0 dB =  $2.79 \text{ mW/g}$  =  $8.91 \text{ dB mW/g}$

**System Check\_Body\_835MHz\_130416****DUT: D835V2-SN:499**

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

Medium: MSL\_850\_130416 Medium parameters used:  $f = 835$  MHz;  $\sigma = 0.978$  mho/m;  $\epsilon_r = 53.298$ ;  $\rho =$

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

Ambient Temperature :  $22.7^\circ\text{C}$ ; Liquid Temperature :  $21.7^\circ\text{C}$

**DASY5 Configuration:**

- Probe: ET3DV6 - SN1787; ConvF(6.08, 6.08, 6.08); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn910; Calibrated: 2012/12/5
- Phantom: ELI v5.0 Left; Type: QDOVA002AA; Serial: TP:1131
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

**Configuration/Pin=250mW/Area Scan (61x61x1):** Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$   
Maximum value of SAR (interpolated) =  $2.67 \text{ mW/g}$

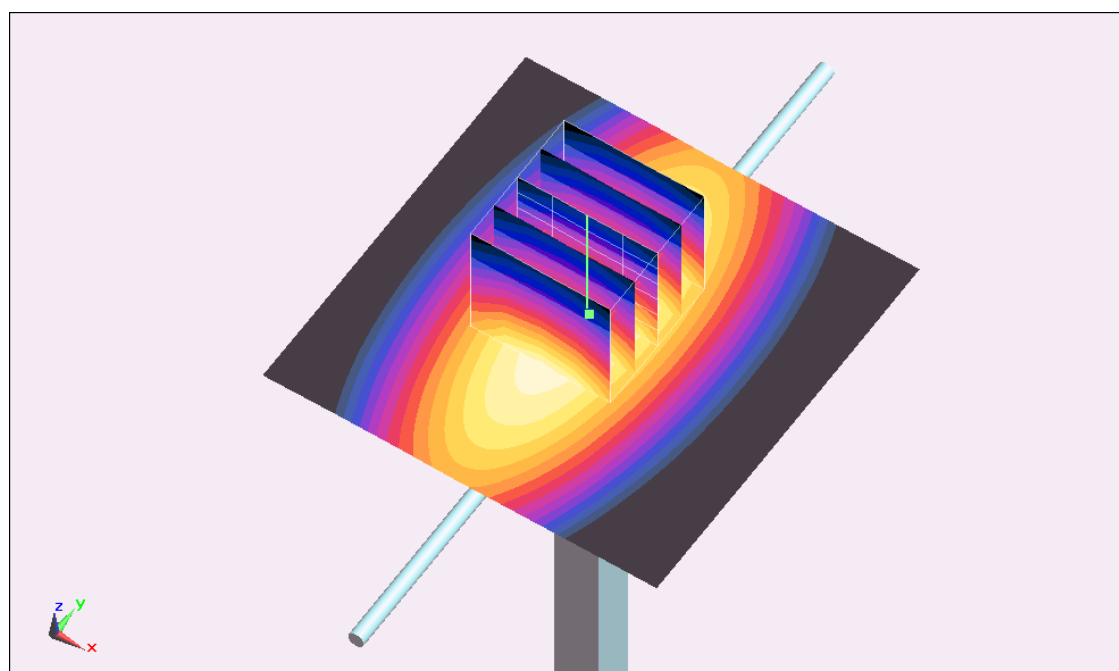
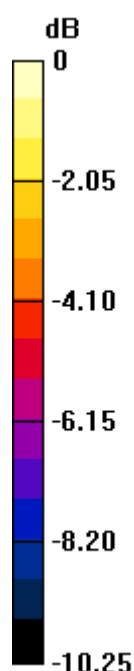
**Configuration/Pin=250mW/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  
 $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $54.056 \text{ V/m}$ ; Power Drift =  $0.01 \text{ dB}$

Peak SAR (extrapolated) =  $3.527 \text{ mW/g}$

**SAR(1 g) =  $2.48 \text{ mW/g}$ ; SAR(10 g) =  $1.64 \text{ mW/g}$**

Maximum value of SAR (measured) =  $2.67 \text{ mW/g}$



0 dB =  $2.67 \text{ mW/g}$  =  $8.53 \text{ dB mW/g}$

**System Check\_Body\_835MHz\_130419****DUT: D835V2-SN:499**

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

Medium: MSL\_850\_130419 Medium parameters used:  $f = 835$  MHz;  $\sigma = 0.998$  mho/m;  $\epsilon_r = 55.923$ ;  $\rho =$

$1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.1 °C; Liquid Temperature : 21.1 °C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3792; ConvF(8.99, 8.99, 8.99); Calibrated: 2012/6/21;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: ELI 4.0\_Front; Type: QDOVA001BB; Serial: 1029
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

**Configuration/Pin=250mW/Area Scan (61x61x1):** Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (interpolated) = 2.96 mW/g

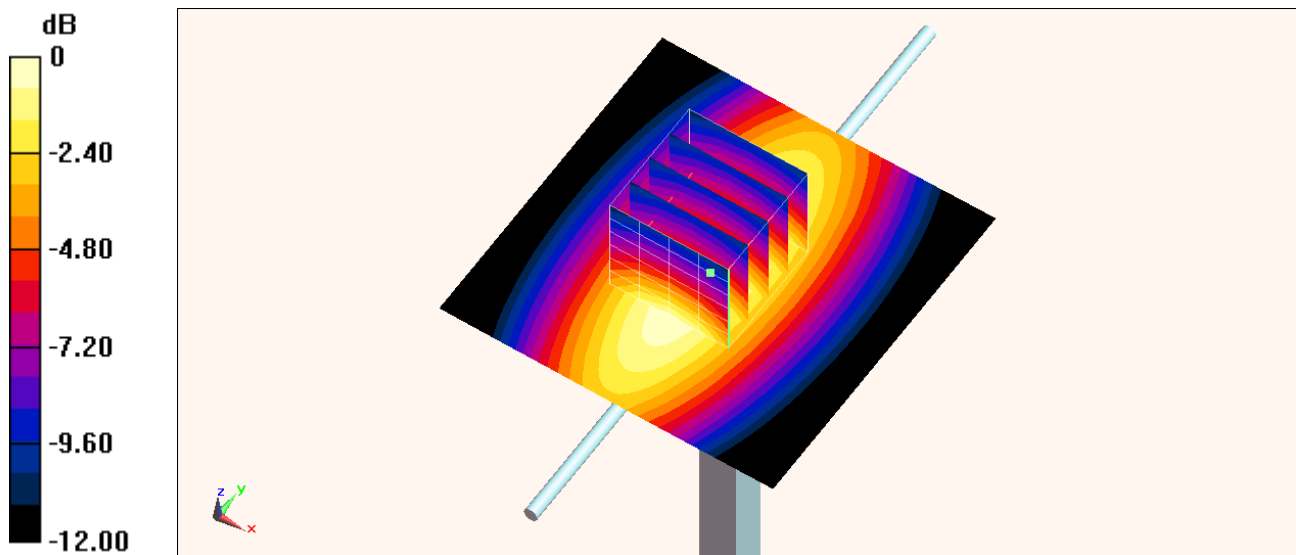
**Configuration/Pin=250mW/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 55.201 V/m; Power Drift = -0.00 dB

Peak SAR (extrapolated) = 3.512 mW/g

**SAR(1 g) = 2.3 mW/g; SAR(10 g) = 1.49 mW/g**

Maximum value of SAR (measured) = 2.95 mW/g



0 dB = 2.95 mW/g = 9.40 dB mW/g

**System Check\_Body\_1750MHz\_130411****DUT: D1750V2-SN:1068**

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

Medium: MSL\_1750\_130411 Medium parameters used:  $f = 1750$  MHz;  $\sigma = 1.489$  mho/m;  $\epsilon_r = 53.427$ ;  $\rho$

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

Ambient Temperature : 22.4 °C; Liquid Temperature : 21.4 °C

**DASY5 Configuration:**

- Probe: ET3DV6 - SN1787; ConvF(4.81, 4.81, 4.81); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn910; Calibrated: 2012/12/5
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1127
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

**Configuration/Pin=250mW/Area Scan (61x61x1):** Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (interpolated) = 10.0 mW/g

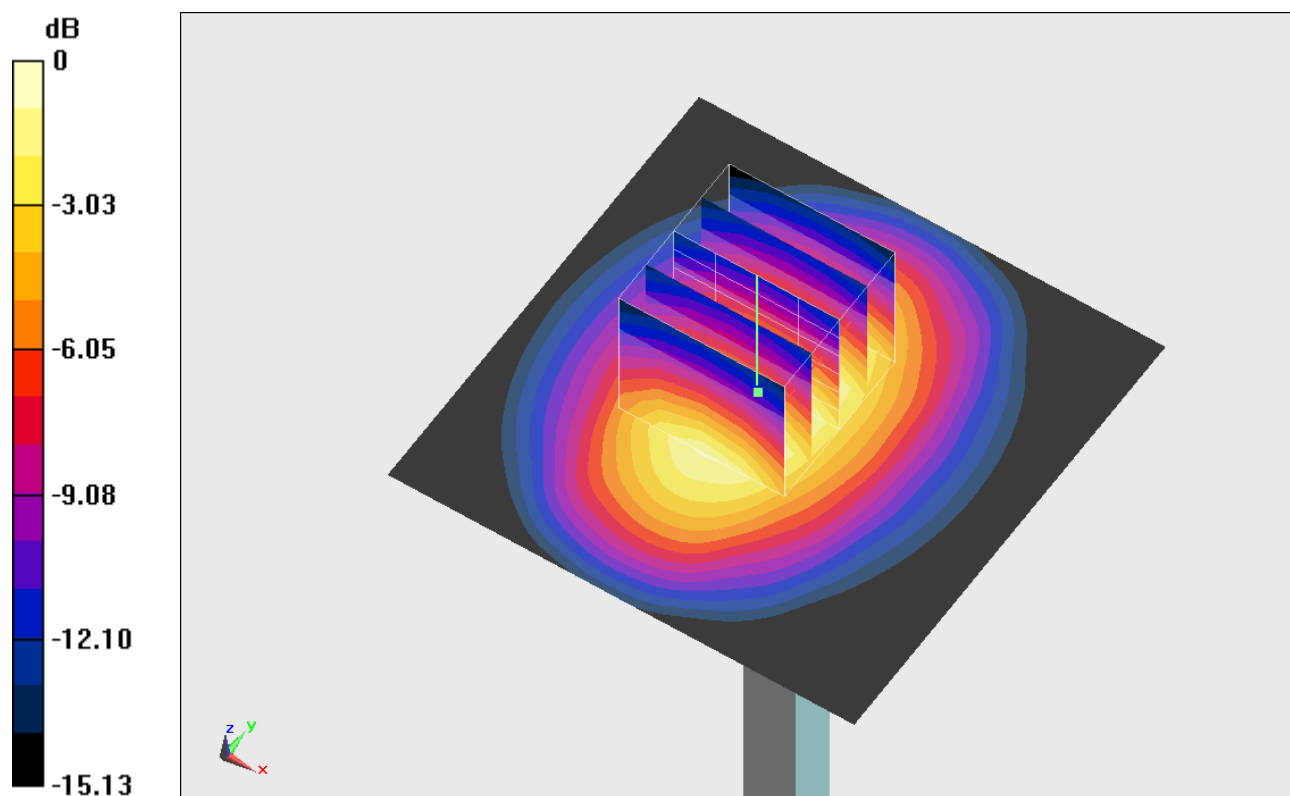
**Configuration/Pin=250mW/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 86.741 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 12.175 mW/g

**SAR(1 g) = 8.9 mW/g; SAR(10 g) = 5.35 mW/g**

Maximum value of SAR (measured) = 9.68 mW/g



0 dB = 9.68 mW/g = 19.72 dB mW/g

**System Check\_Body\_1750MHz\_130418****DUT: D1750V2-SN:1068**

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

Medium: MSL\_1750\_130418 Medium parameters used:  $f = 1750$  MHz;  $\sigma = 1.546$  mho/m;  $\epsilon_r = 51.742$ ;  $\rho$

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

Ambient Temperature : 22.2 °C; Liquid Temperature : 21.2 °C

**DASY5 Configuration:**

- Probe: ES3DV3 - SN3270; ConvF(4.98, 4.98, 4.98); Calibrated: 2012/9/28;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2012/8/27
- Phantom: ELI 4.0\_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

**Configuration/Pin=250mW/Area Scan (61x61x1):** Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (interpolated) = 10.9 mW/g

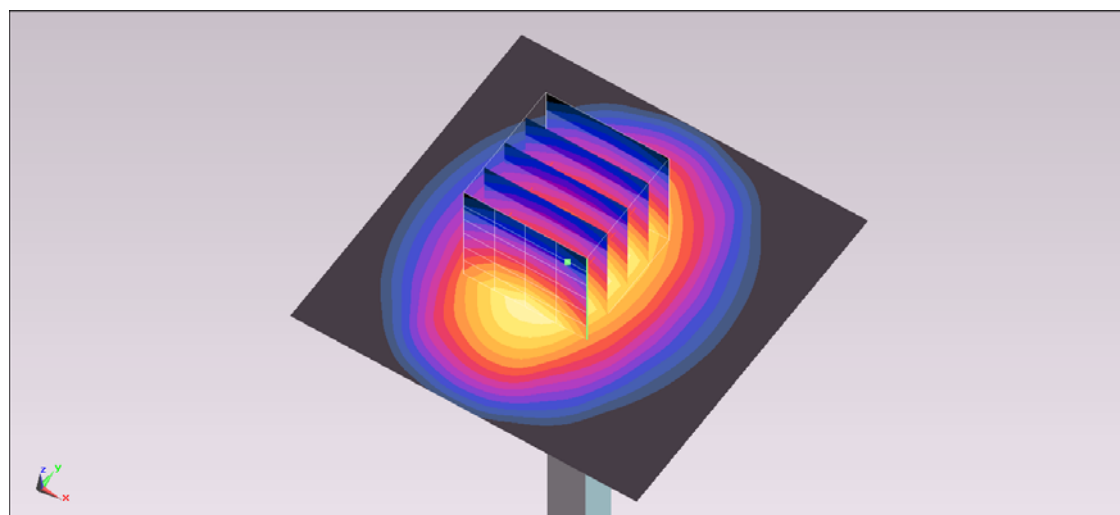
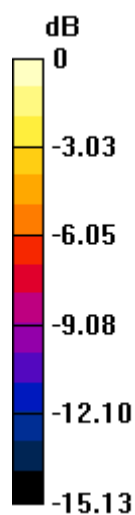
**Configuration/Pin=250mW/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 81.122 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 13.741 mW/g

**SAR(1 g) = 8.98 mW/g; SAR(10 g) = 5.23 mW/g**

Maximum value of SAR (measured) = 10.8 mW/g



0 dB = 10.8 mW/g = 20.67 dB mW/g

**System Check\_Body\_1750MHz\_130419****DUT: D1750V2-SN:1068**

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

Medium: MSL\_1750\_130419 Medium parameters used:  $f = 1750$  MHz;  $\sigma = 1.528$  mho/m;  $\epsilon_r = 51.762$ ;  $\rho$

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

Ambient Temperature : 22.2 °C; Liquid Temperature : 21.2 °C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3792; ConvF(7.71, 7.71, 7.71); Calibrated: 2012/6/21;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: ELI 4.0\_Front; Type: QDOVA001BB; Serial: 1029
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

**Configuration/Pin=250mW/Area Scan (61x61x1):** Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (interpolated) = 13.9 mW/g

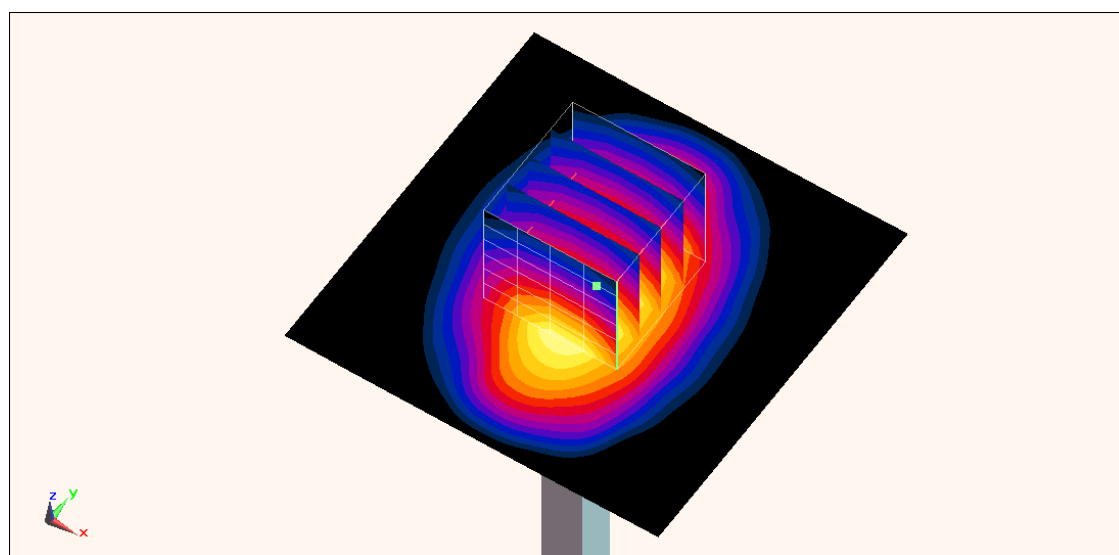
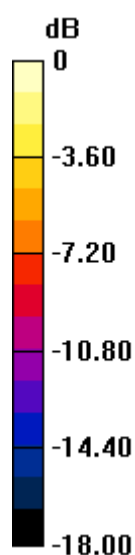
**Configuration/Pin=250mW/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 97.768 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 17.574 mW/g

**SAR(1 g) = 9.68 mW/g; SAR(10 g) = 5.07 mW/g**

Maximum value of SAR (measured) = 13.7 mW/g



0 dB = 13.7 mW/g = 22.73 dB mW/g

**System Check\_Body\_1900MHz\_130410****DUT: D1900V2-SN:5d041**

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

Medium: MSL\_1900\_130410 Medium parameters used:  $f = 1900$  MHz;  $\sigma = 1.564$  mho/m;  $\epsilon_r = 51.168$ ;  $\rho$

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

Ambient Temperature : 22.5 °C; Liquid Temperature : 21.5 °C

**DASY5 Configuration:**

- Probe: ET3DV6 - SN1787; ConvF(4.58, 4.58, 4.58); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn910; Calibrated: 2012/12/5
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1127
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

**Configuration/Pin=250mW/Area Scan (61x61x1):** Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (interpolated) = 11.4 mW/g

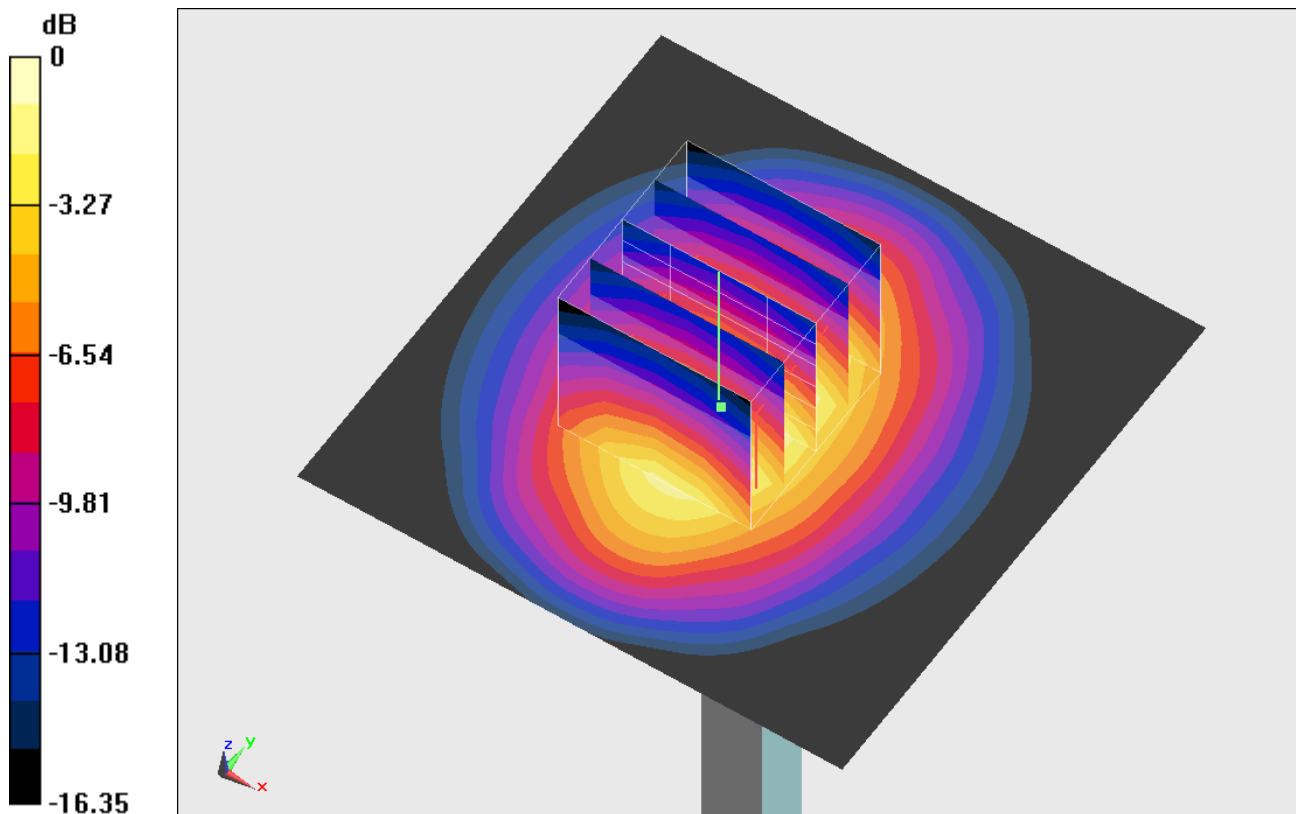
**Configuration/Pin=250mW/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 91.296 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 15.134 mW/g

**SAR(1 g) = 10.1 mW/g; SAR(10 g) = 5.78 mW/g**

Maximum value of SAR (measured) = 11.1 mW/g



0 dB = 11.1 mW/g = 20.91 dB mW/g



**System Check\_Body\_1900MHz\_130416****DUT: D1900V2-SN:5d041**

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

Medium: MSL\_1900\_130416 Medium parameters used:  $f = 1900$  MHz;  $\sigma = 1.545$  mho/m;  $\epsilon_r = 51.942$ ;  $\rho$

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

Ambient Temperature : 22.7 °C; Liquid Temperature : 21.7 °C

**DASY5 Configuration:**

- Probe: ET3DV6 - SN1787; ConvF(4.58, 4.58, 4.58); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn910; Calibrated: 2012/12/5
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1127
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

**Configuration/Pin=250mW/Area Scan (61x61x1):** Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (interpolated) = 11.0 mW/g

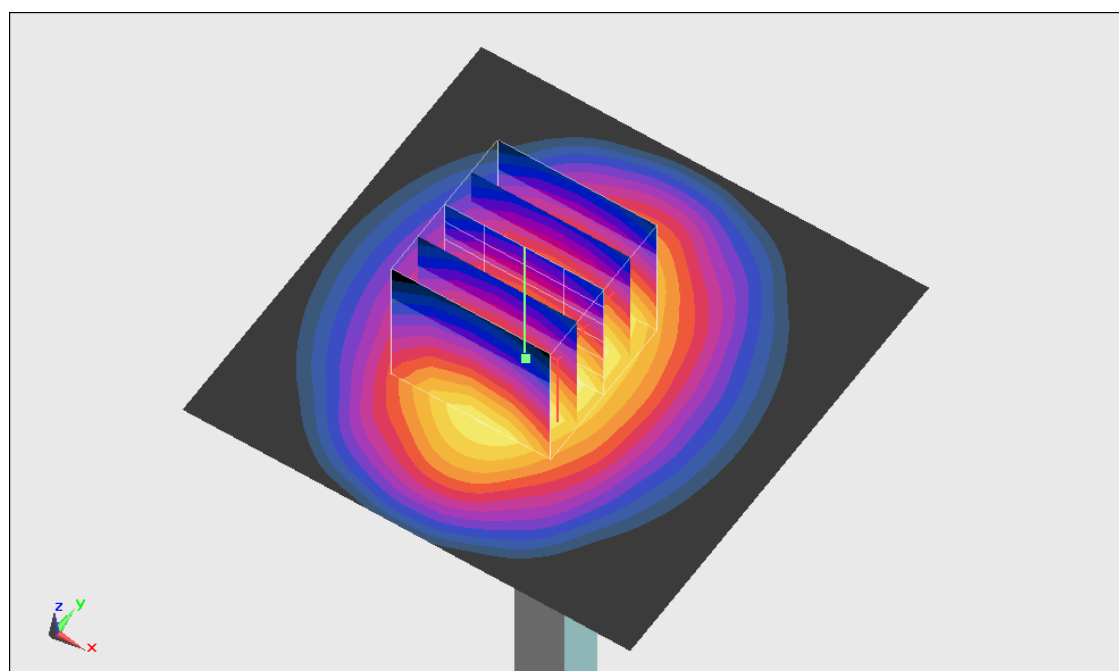
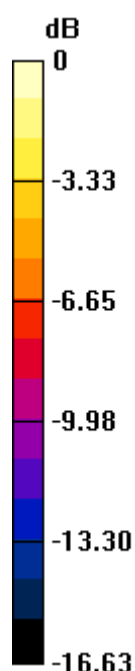
**Configuration/Pin=250mW/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 90.285 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 14.656 mW/g

**SAR(1 g) = 9.73 mW/g; SAR(10 g) = 5.6 mW/g**

Maximum value of SAR (measured) = 10.7 mW/g



0 dB = 10.7 mW/g = 20.59 dB mW/g

**System Check\_Body\_1900MHz\_130418****DUT: D1900V2-SN:5d041**

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

Medium: MSL\_1900\_130418 Medium parameters used:  $f = 1900$  MHz;  $\sigma = 1.526$  mho/m;  $\epsilon_r = 52.813$ ;  $\rho$

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

Ambient Temperature : 22.2 °C; Liquid Temperature : 21.2 °C

**DASY5 Configuration:**

- Probe: ES3DV3 - SN3270; ConvF(4.67, 4.67, 4.67); Calibrated: 2012/9/28;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2012/8/27
- Phantom: ELI 4.0\_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

**Configuration/Pin=250mW/Area Scan (61x61x1):** Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (interpolated) = 12.1 mW/g

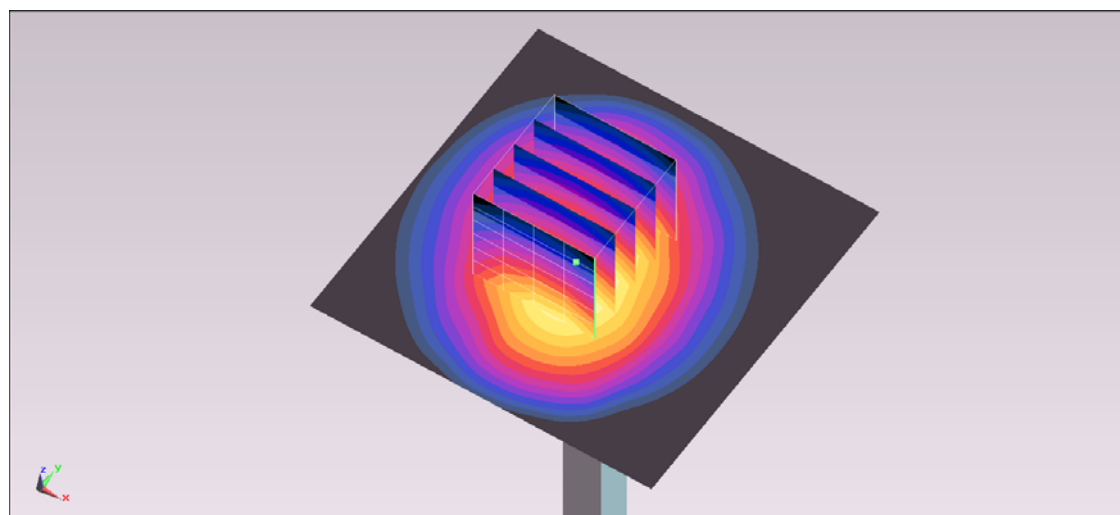
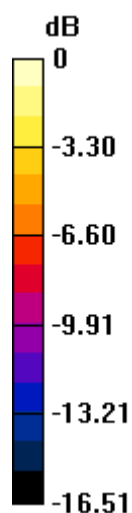
**Configuration/Pin=250mW/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 88.849 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 15.872 mW/g

**SAR(1 g) = 9.72 mW/g; SAR(10 g) = 5.42 mW/g**

Maximum value of SAR (measured) = 12.0 mW/g



0 dB = 12.0 mW/g = 21.58 dB mW/g