

## 20120221\_SystemPerformanceCheck-D5GHzV2 SN 1003

Frequency: 5200 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 25.0°C; Liquid Temperature: 24.0°C  
 Medium parameters used:  $f = 5200$  MHz;  $\sigma = 5.377$  mho/m;  $\epsilon_r = 51.629$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
 DASY5 Configuration:

- Electronics: DAE4 Sn1258; Calibrated: 5/2/2011
- Probe: EX3DV3 - SN3531; ConvF(4.39, 4.39, 4.39); Calibrated: 12/19/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (A); Type: QDOVA001BB; Serial: 1120

**Body/5.2 GHz, Pin=100mW/Area Scan (7x7x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 13.858 mW/g

**Body/5.2 GHz, Pin=100mW/Zoom Scan (8x8x10)/Cube 0:** Measurement grid: dx=4mm, dy=4mm,

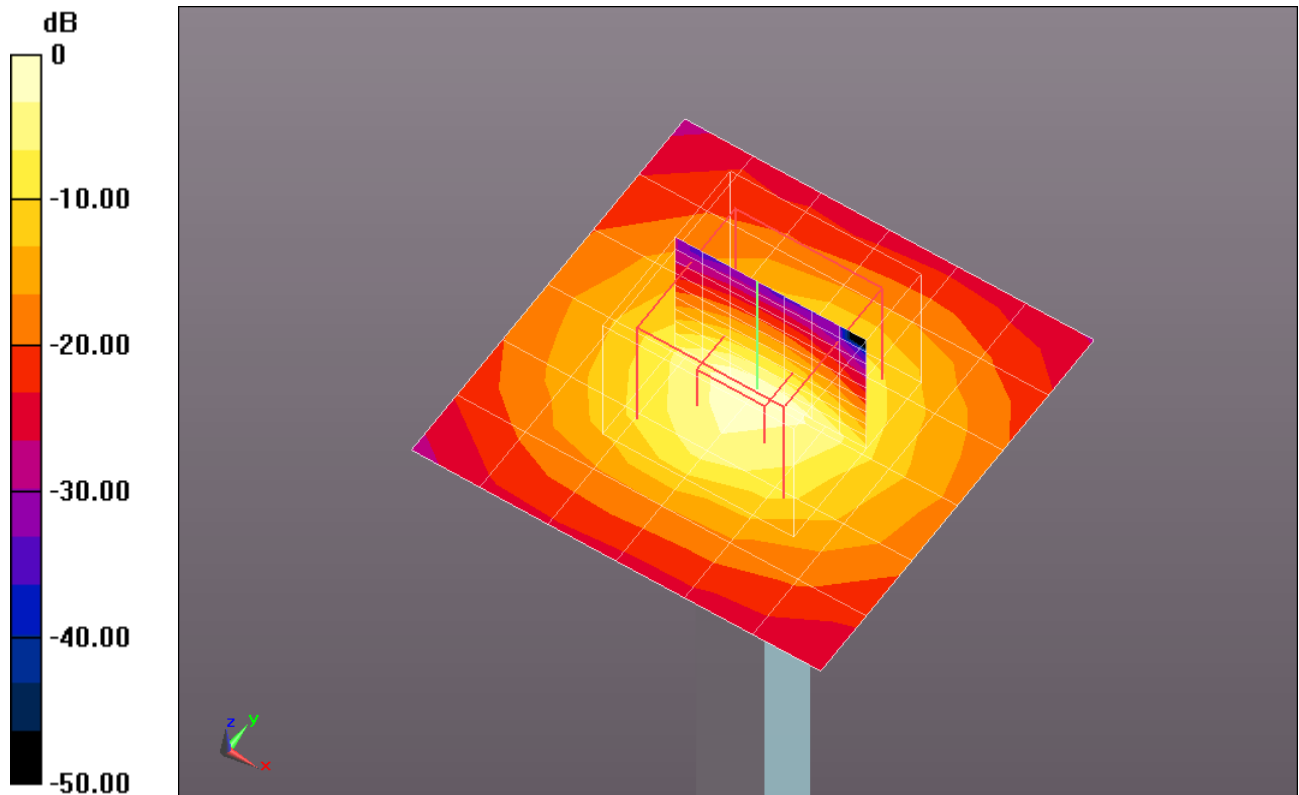
dz=2.5mm

Reference Value = 53.066 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 29.4960

**SAR(1 g) = 7.58 mW/g; SAR(10 g) = 2.13 mW/g**

Maximum value of SAR (measured) = 13.513 mW/g

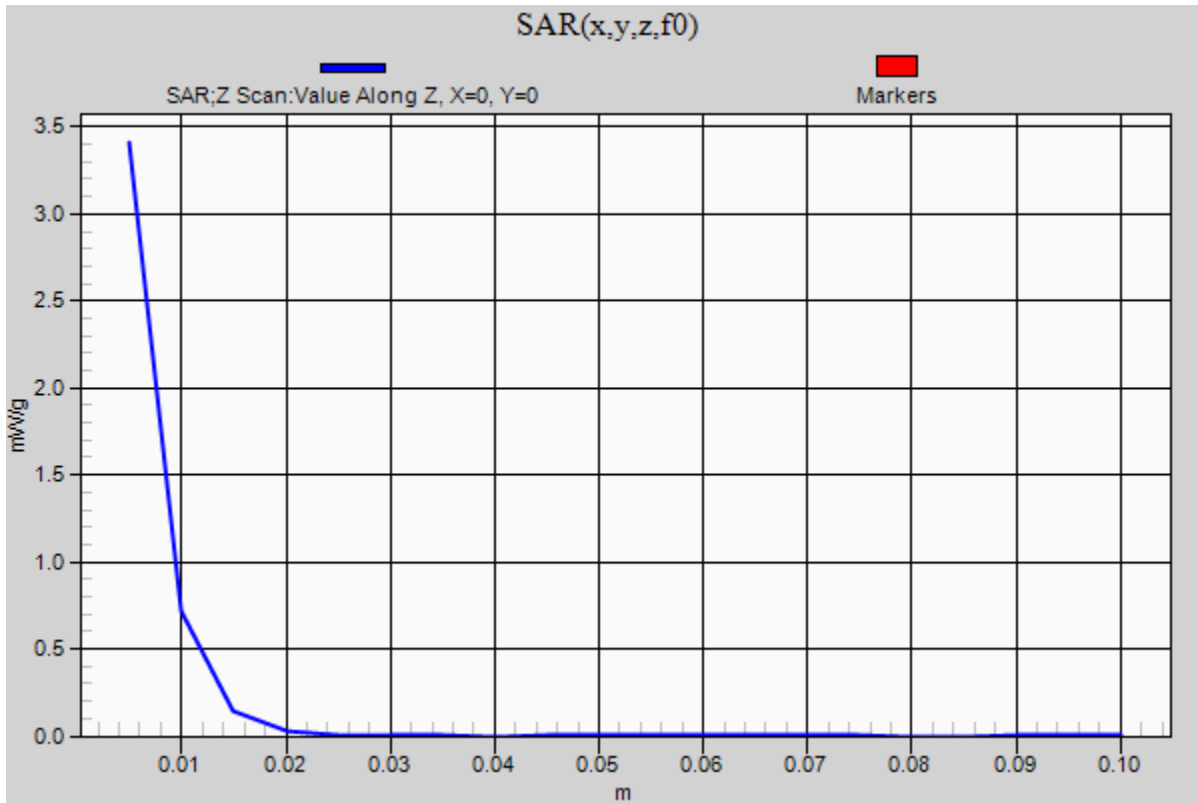


0 dB = 13.510mW/g = 22.61 dB mW/g

### 20120221\_SystemPerformanceCheck-D5GHzV2 SN 1003

Frequency: 5200 MHz; Duty Cycle: 1:1

**Body/5.2 GHz, Pin=100mW/Z Scan (1x1x21):** Measurement grid: dx=20mm, dy=20mm, dz=5mm  
Maximum value of SAR (measured) = 3.409 mW/g



## 20120221\_SystemPerformanceCheck-D5GHzV2 SN 1003

Frequency: 5500 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 25.0°C; Liquid Temperature: 24.0°C  
 Medium parameters used:  $f = 5500$  MHz;  $\sigma = 5.798$  mho/m;  $\epsilon_r = 51.054$ ;  $\rho = 1000$  kg/m<sup>3</sup>

DASY5 Configuration:

- Electronics: DAE4 Sn1258; Calibrated: 5/2/2011
- Probe: EX3DV3 - SN3531; ConvF(3.77, 3.77, 3.77); Calibrated: 12/19/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (A); Type: QDOVA001BB; Serial: 1120

**Body/5.5 GHz, Pin=100mW/Area Scan (7x7x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 15.085 mW/g

**Body/5.5 GHz, Pin=100mW/Zoom Scan (8x8x10)/Cube 0:** Measurement grid: dx=4mm, dy=4mm,

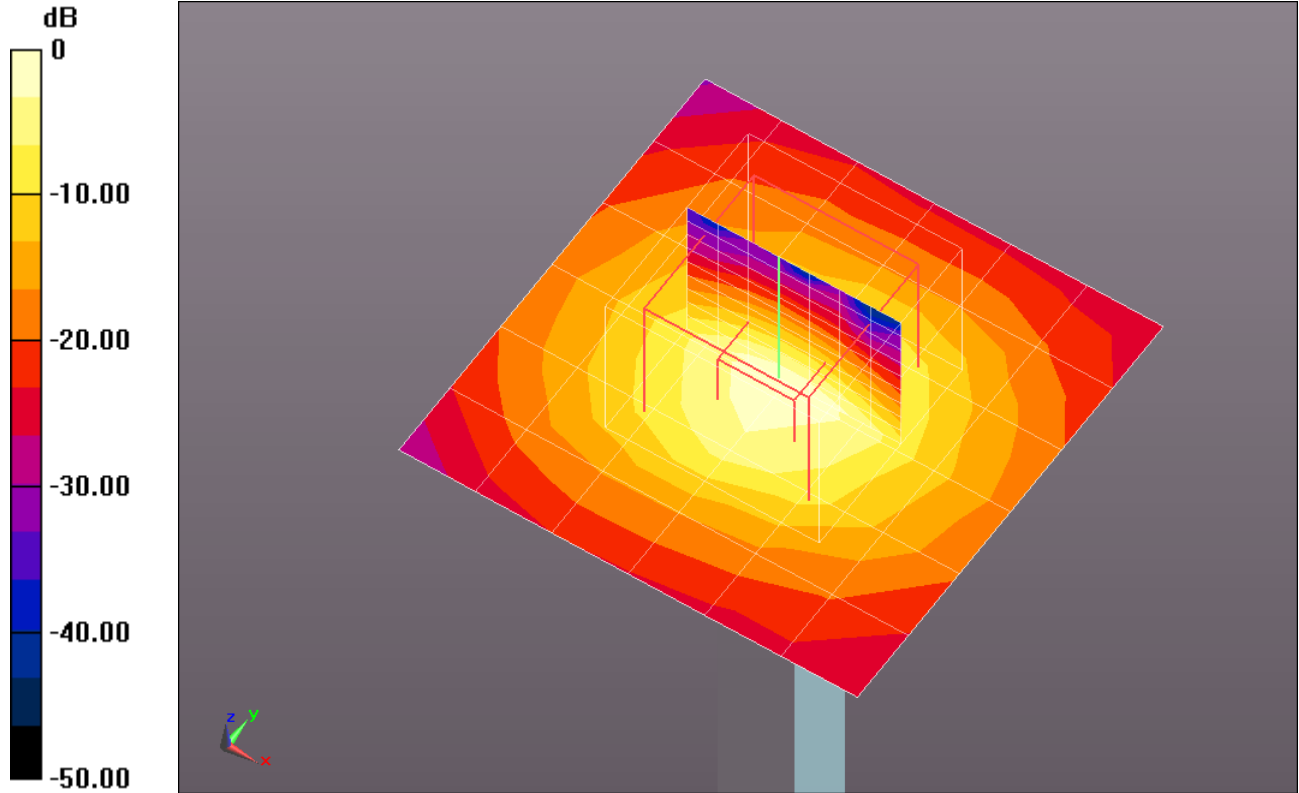
dz=2.5mm

Reference Value = 53.921 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 32.3190

**SAR(1 g) = 8.14 mW/g; SAR(10 g) = 2.25 mW/g**

Maximum value of SAR (measured) = 14.429 mW/g

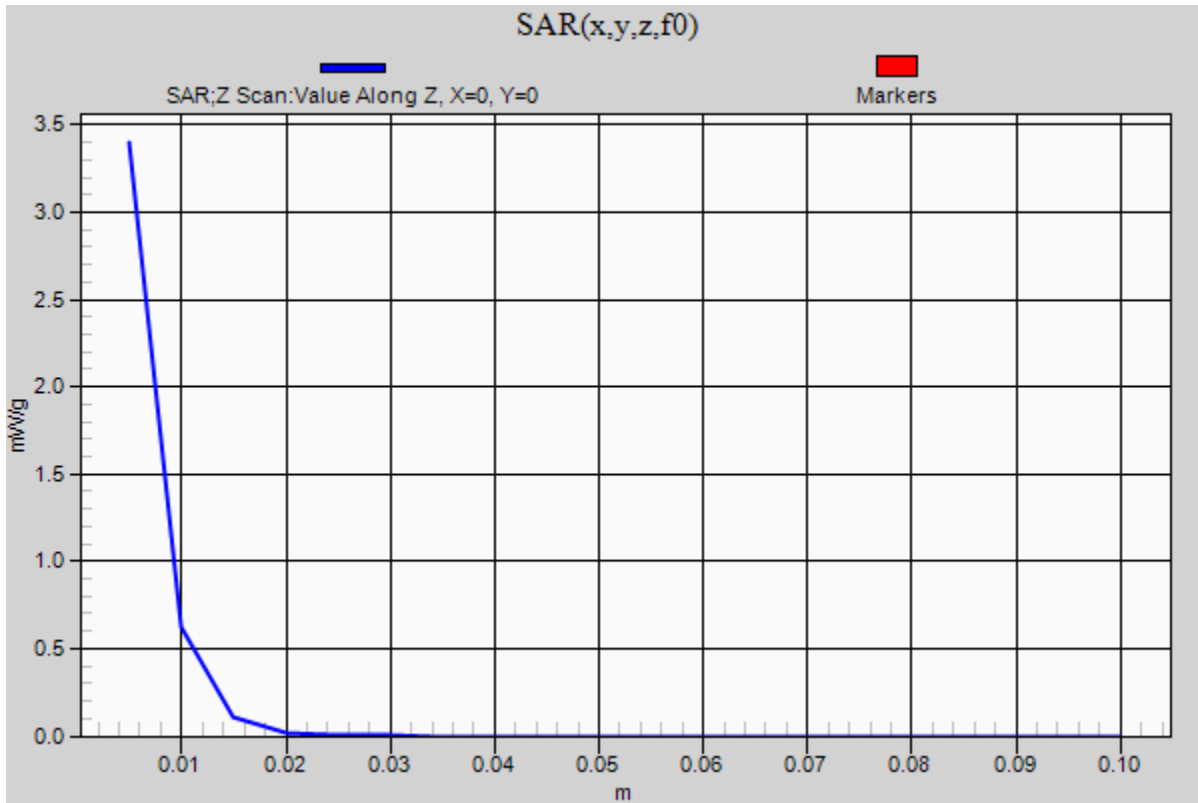


0 dB = 14.430mW/g = 23.19 dB mW/g

### 20120221\_SystemPerformanceCheck-D5GHzV2 SN 1003

Frequency: 5500 MHz; Duty Cycle: 1:1

**Body/5.5 GHz, Pin=100mW/Z Scan (1x1x21):** Measurement grid: dx=20mm, dy=20mm, dz=5mm  
Maximum value of SAR (measured) = 3.399 mW/g



## 20120221\_SystemPerformanceCheck-D5GHzV2 SN 1003

Frequency: 5800 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 25.0°C; Liquid Temperature: 24.0°C  
 Medium parameters used:  $f = 5800$  MHz;  $\sigma = 6.218$  mho/m;  $\epsilon_r = 50.469$ ;  $\rho = 1000$  kg/m<sup>3</sup>

DASY5 Configuration:

- Electronics: DAE4 Sn1258; Calibrated: 5/2/2011
- Probe: EX3DV3 - SN3531; ConvF(3.67, 3.67, 3.67); Calibrated: 12/19/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (A); Type: QDOVA001BB; Serial: 1120

**Body/5.8 GHz, Pin=100mW/Area Scan (7x7x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 14.979 mW/g

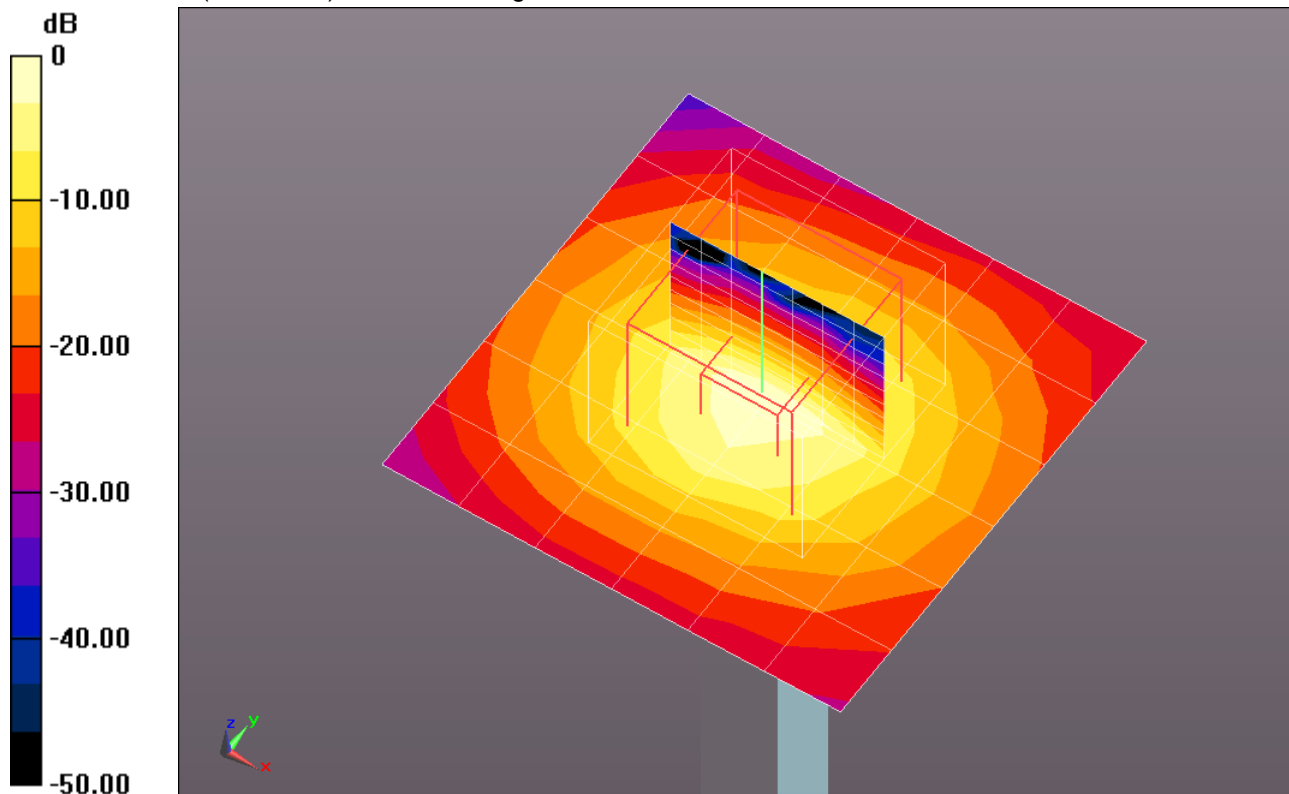
**Body/5.8 GHz, Pin=100mW/Zoom Scan (8x8x10)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 52.567 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 32.5450

**SAR(1 g) = 8.06 mW/g; SAR(10 g) = 2.25 mW/g**

Maximum value of SAR (measured) = 14.413 mW/g

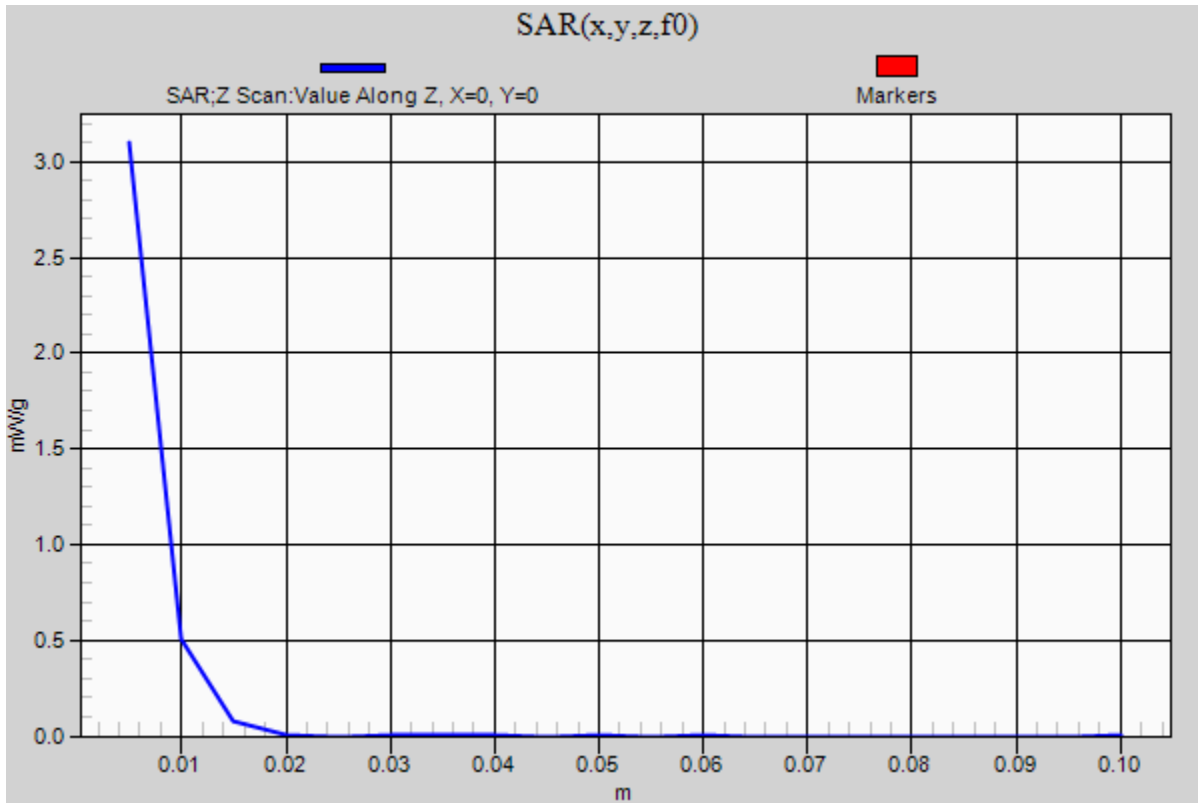


0 dB = 14.410mW/g = 23.17 dB mW/g

### 20120221\_SystemPerformanceCheck-D5GHzV2 SN 1003

Frequency: 5800 MHz; Duty Cycle: 1:1

**Body/5.8 GHz, Pin=100mW/Z Scan (1x1x21):** Measurement grid: dx=20mm, dy=20mm, dz=5mm  
Maximum value of SAR (measured) = 3.098 mW/g



## 20120223\_SystemPerformanceCheck-D5GHzV2 SN 1003

Frequency: 5200 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 25.0°C; Liquid Temperature: 24.0°C  
 Medium parameters used:  $f = 5200$  MHz;  $\sigma = 5.142$  mho/m;  $\epsilon_r = 50.431$ ;  $\rho = 1000$  kg/m<sup>3</sup>

DASY5 Configuration:

- Electronics: DAE4 Sn1259; Calibrated: 2/13/2012
- Probe: EX3DV3 - SN3531; ConvF(4.39, 4.39, 4.39); Calibrated: 12/19/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (A); Type: QDOVA001BB; Serial: 1120

**Body/5.2 GHz, Pin=100mW/Area Scan (7x7x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 13.353 mW/g

**Body/5.2 GHz, Pin=100mW/Zoom Scan (8x8x10)/Cube 0:** Measurement grid: dx=4mm, dy=4mm,

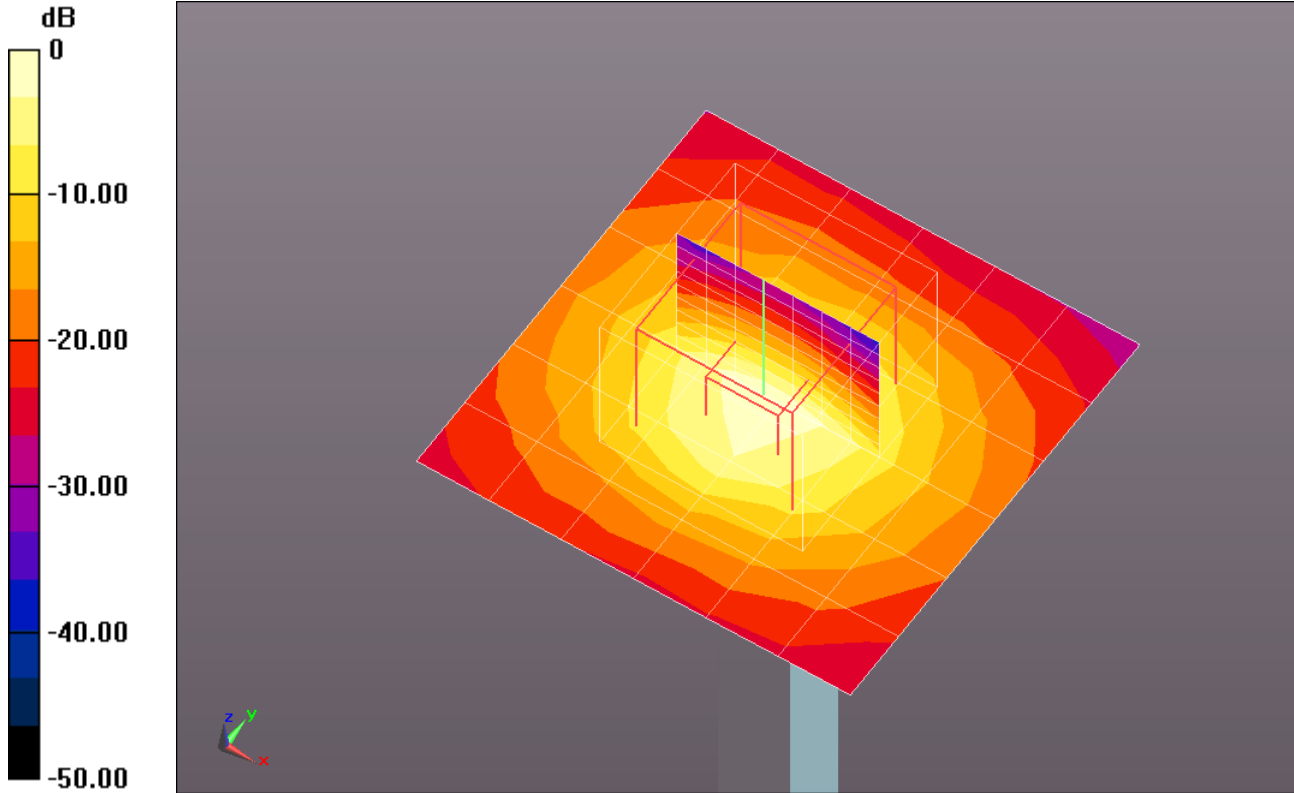
dz=2.5mm

Reference Value = 53.224 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 29.3470

**SAR(1 g) = 7.58 mW/g; SAR(10 g) = 2.13 mW/g**

Maximum value of SAR (measured) = 13.211 mW/g

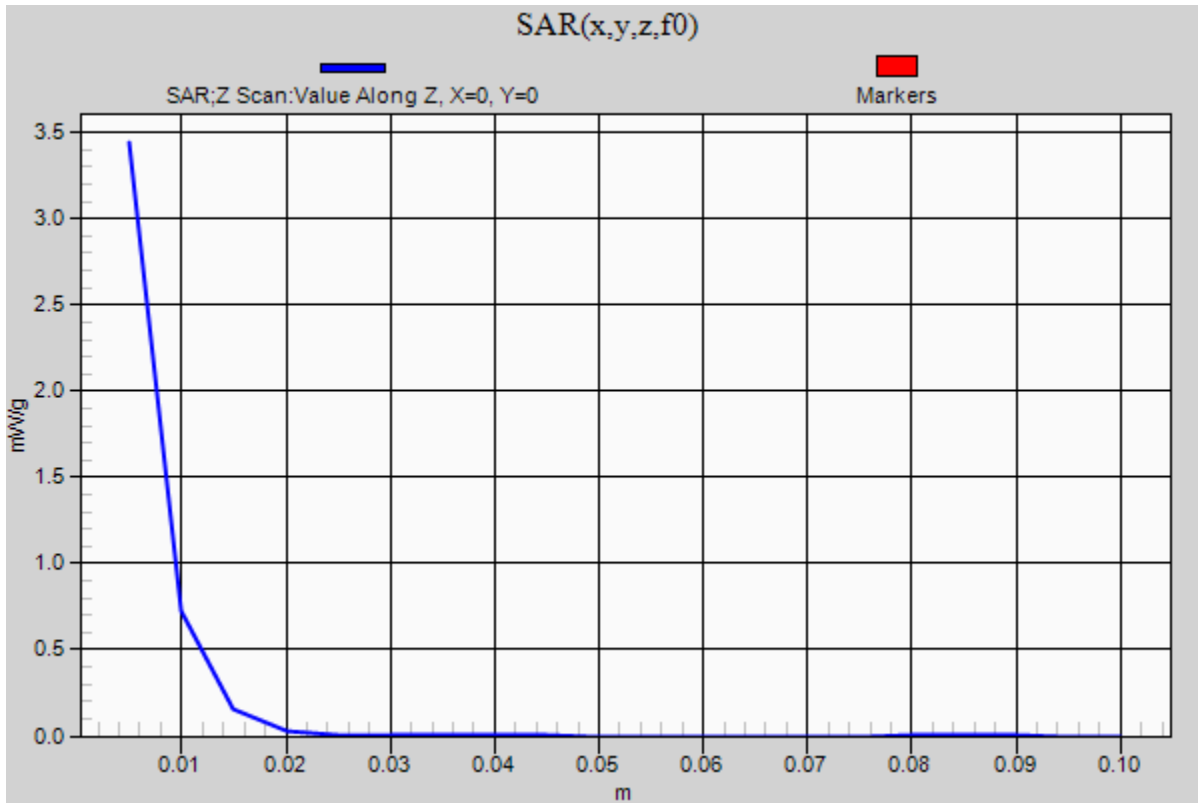


0 dB = 13.210mW/g = 22.42 dB mW/g

### 20120223\_SystemPerformanceCheck-D5GHzV2 SN 1003

Frequency: 5200 MHz; Duty Cycle: 1:1

**Body/5.2 GHz, Pin=100mW/Z Scan (1x1x21):** Measurement grid: dx=20mm, dy=20mm, dz=5mm  
Maximum value of SAR (measured) = 3.441 mW/g



## 20120223\_SystemPerformanceCheck-D5GHzV2 SN 1003

Frequency: 5500 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 25.0°C; Liquid Temperature: 24.0°C  
 Medium parameters used:  $f = 5500$  MHz;  $\sigma = 5.557$  mho/m;  $\epsilon_r = 49.91$ ;  $\rho = 1000$  kg/m<sup>3</sup>

DASY5 Configuration:

- Electronics: DAE4 Sn1259; Calibrated: 2/13/2012
- Probe: EX3DV3 - SN3531; ConvF(3.77, 3.77, 3.77); Calibrated: 12/19/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (A); Type: QDOVA001BB; Serial: 1120

**Body/5.5 GHz, Pin=100mW/Area Scan (7x7x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 14.139 mW/g

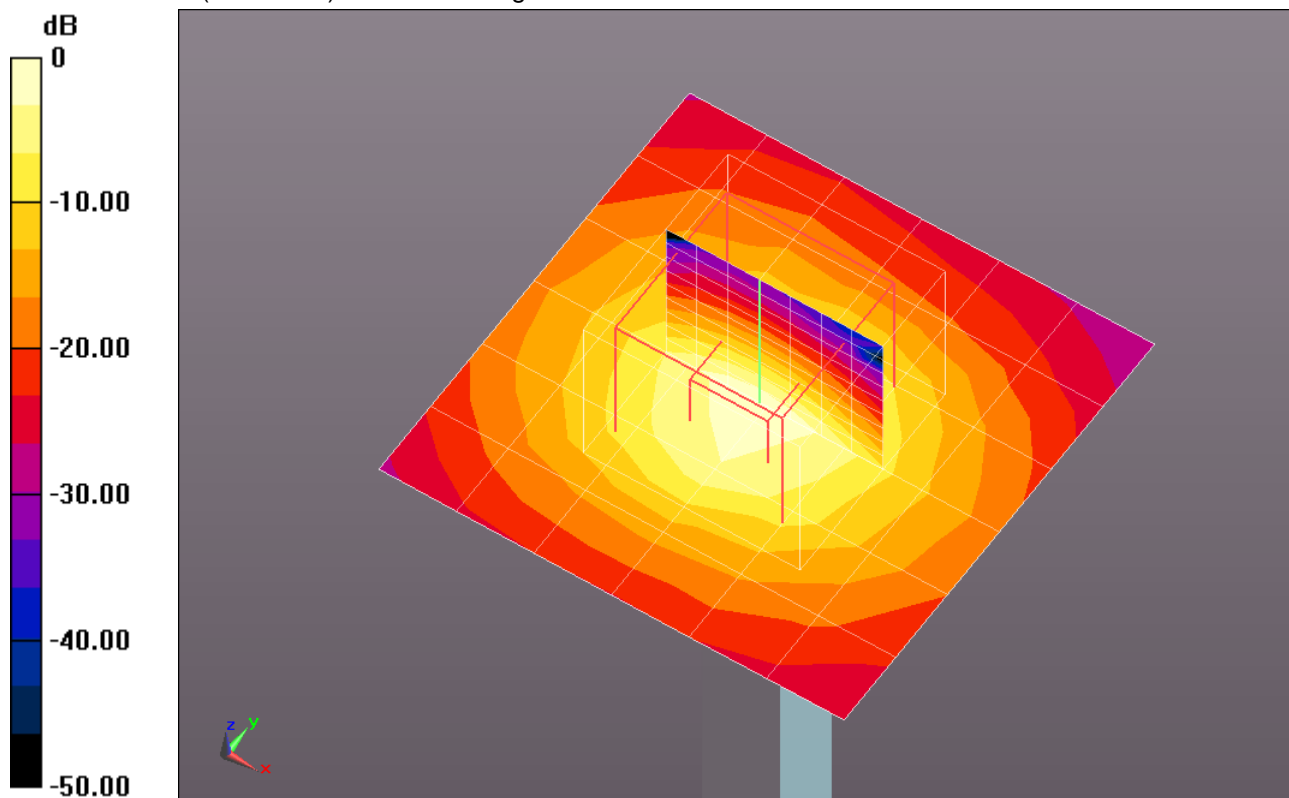
**Body/5.5 GHz, Pin=100mW/Zoom Scan (8x8x10)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 52.814 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 31.0520

**SAR(1 g) = 7.82 mW/g; SAR(10 g) = 2.17 mW/g**

Maximum value of SAR (measured) = 14.147 mW/g

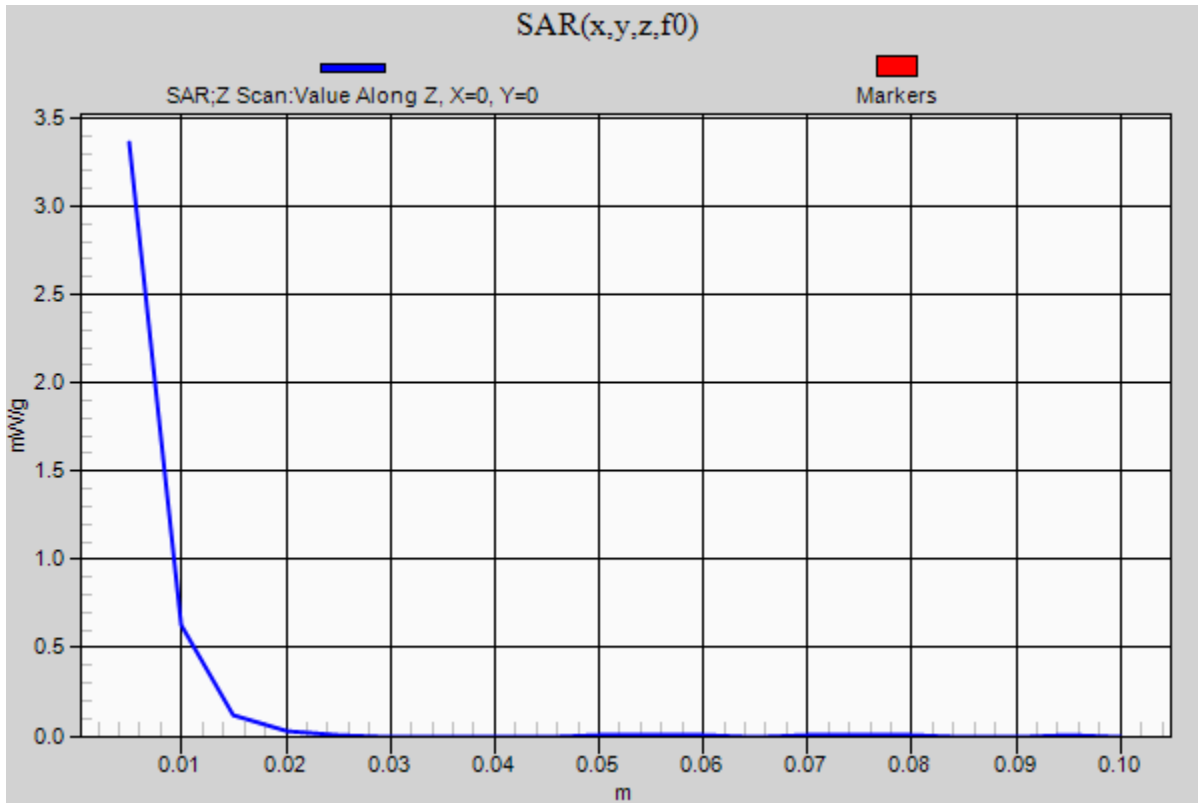


0 dB = 14.150mW/g = 23.02 dB mW/g

### 20120223\_SystemPerformanceCheck-D5GHzV2 SN 1003

Frequency: 5500 MHz; Duty Cycle: 1:1

**Body/5.5 GHz, Pin=100mW/Z Scan (1x1x21):** Measurement grid: dx=20mm, dy=20mm, dz=5mm  
Maximum value of SAR (measured) = 3.360 mW/g



## 20120223\_SystemPerformanceCheck-D5GHzV2 SN 1003

Frequency: 5800 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 25.0°C; Liquid Temperature: 24.0°C  
 Medium parameters used:  $f = 5800$  MHz;  $\sigma = 5.981$  mho/m;  $\epsilon_r = 49.399$ ;  $\rho = 1000$  kg/m<sup>3</sup>

DASY5 Configuration:

- Electronics: DAE4 Sn1259; Calibrated: 2/13/2012
- Probe: EX3DV3 - SN3531; ConvF(3.67, 3.67, 3.67); Calibrated: 12/19/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (A); Type: QDOVA001BB; Serial: 1120

**Body/5.8 GHz, Pin=100mW/Area Scan (7x7x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 14.147 mW/g

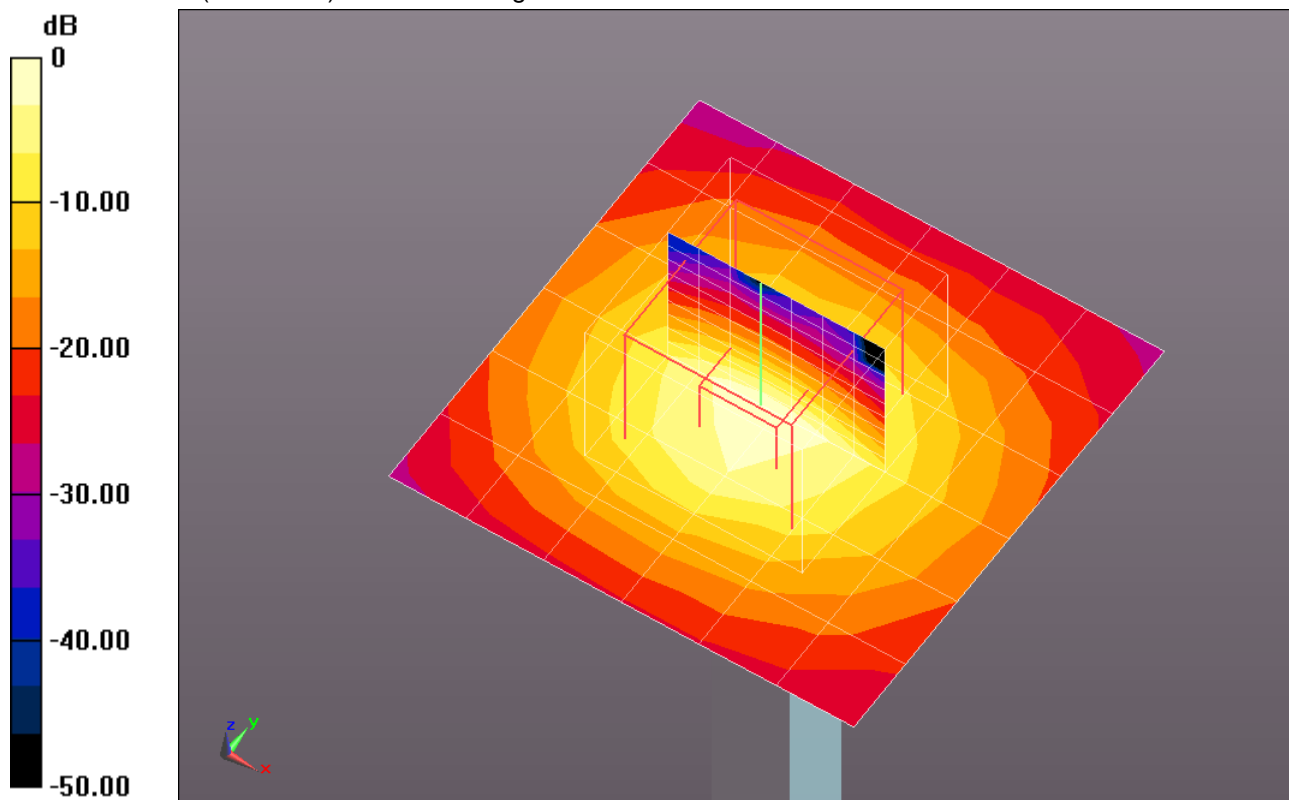
**Body/5.8 GHz, Pin=100mW/Zoom Scan (8x8x10)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 51.541 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 30.7060

**SAR(1 g) = 7.68 mW/g; SAR(10 g) = 2.16 mW/g**

Maximum value of SAR (measured) = 13.785 mW/g

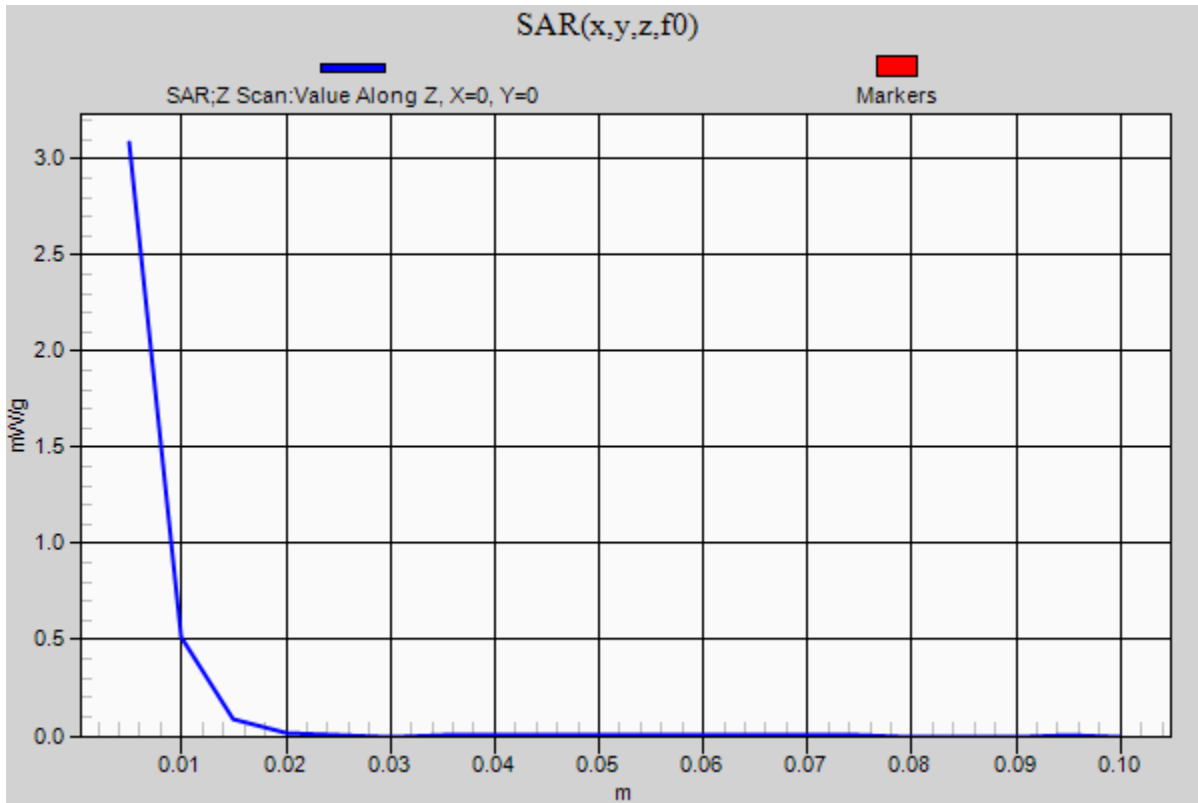


0 dB = 13.790mW/g = 22.79 dB mW/g

### 20120223\_SystemPerformanceCheck-D5GHzV2 SN 1003

Frequency: 5800 MHz; Duty Cycle: 1:1

**Body/5.8 GHz, Pin=100mW/Z Scan (1x1x21):** Measurement grid: dx=20mm, dy=20mm, dz=5mm  
Maximum value of SAR (measured) = 3.083 mW/g



## 20120224\_SystemPerformanceCheck-D5GHzV2 SN 1003

Frequency: 5500 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 25.0°C; Liquid Temperature: 24.0°C  
 Medium parameters used:  $f = 5500$  MHz;  $\sigma = 5.632$  mho/m;  $\epsilon_r = 49.587$ ;  $\rho = 1000$  kg/m<sup>3</sup>

DASY5 Configuration:

- Electronics: DAE4 Sn1259; Calibrated: 2/13/2012
- Probe: EX3DV3 - SN3531; ConvF(3.77, 3.77, 3.77); Calibrated: 12/19/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (A); Type: QDOVA001BB; Serial: 1120

**Body/5.5 GHz, Pin=100mW/Area Scan (7x7x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 13.004 mW/g

**Body/5.5 GHz, Pin=100mW/Zoom Scan (8x8x10)/Cube 0:** Measurement grid: dx=4mm, dy=4mm,

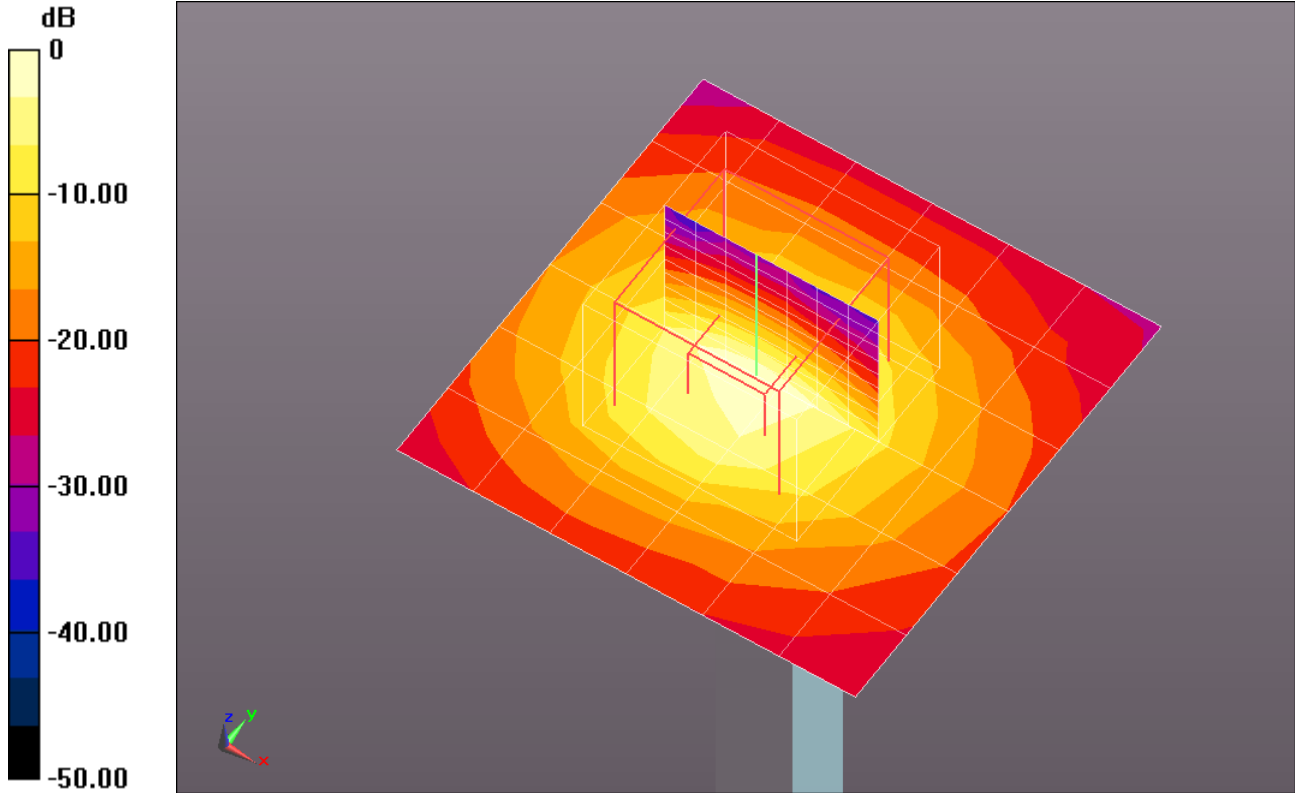
dz=2.5mm

Reference Value = 50.761 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 30.2480

**SAR(1 g) = 7.83 mW/g; SAR(10 g) = 2.19 mW/g**

Maximum value of SAR (measured) = 14.134 mW/g

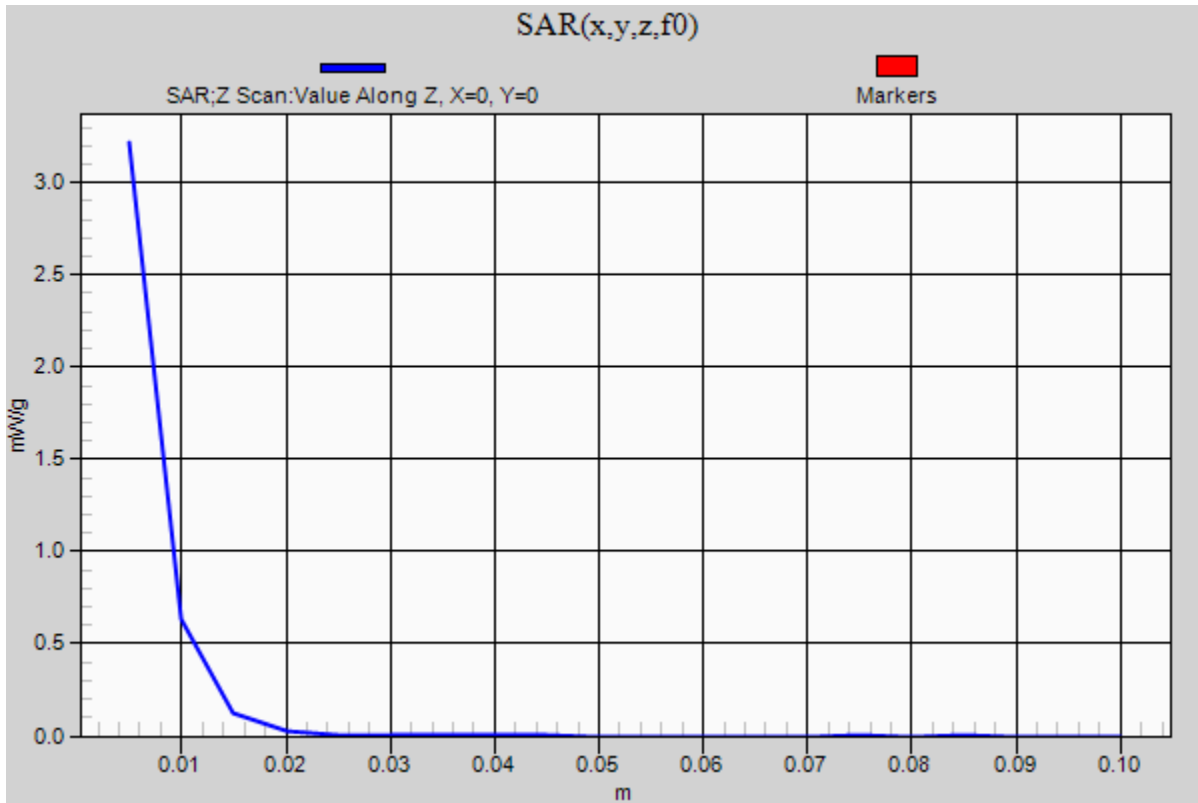


0 dB = 14.130mW/g = 23.00 dB mW/g

### 20120224\_SystemPerformanceCheck-D5GHzV2 SN 1003

Frequency: 5500 MHz; Duty Cycle: 1:1

**Body/5.5 GHz, Pin=100mW/Z Scan (1x1x21):** Measurement grid: dx=20mm, dy=20mm, dz=5mm  
Maximum value of SAR (measured) = 3.216 mW/g



## 20120224\_SystemPerformanceCheck-D5GHzV2 SN 1003

Frequency: 5800 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 25.0°C; Liquid Temperature: 24.0°C  
 Medium parameters used:  $f = 5800$  MHz;  $\sigma = 6.029$  mho/m;  $\epsilon_r = 49.152$ ;  $\rho = 1000$  kg/m<sup>3</sup>

DASY5 Configuration:

- Electronics: DAE4 Sn1259; Calibrated: 2/13/2012
- Probe: EX3DV3 - SN3531; ConvF(3.67, 3.67, 3.67); Calibrated: 12/19/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (A); Type: QDOVA001BB; Serial: 1120

**Body/5.8 GHz, Pin=100mW/Area Scan (7x7x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 13.173 mW/g

**Body/5.8 GHz, Pin=100mW/Zoom Scan (8x8x10)/Cube 0:** Measurement grid: dx=4mm, dy=4mm,

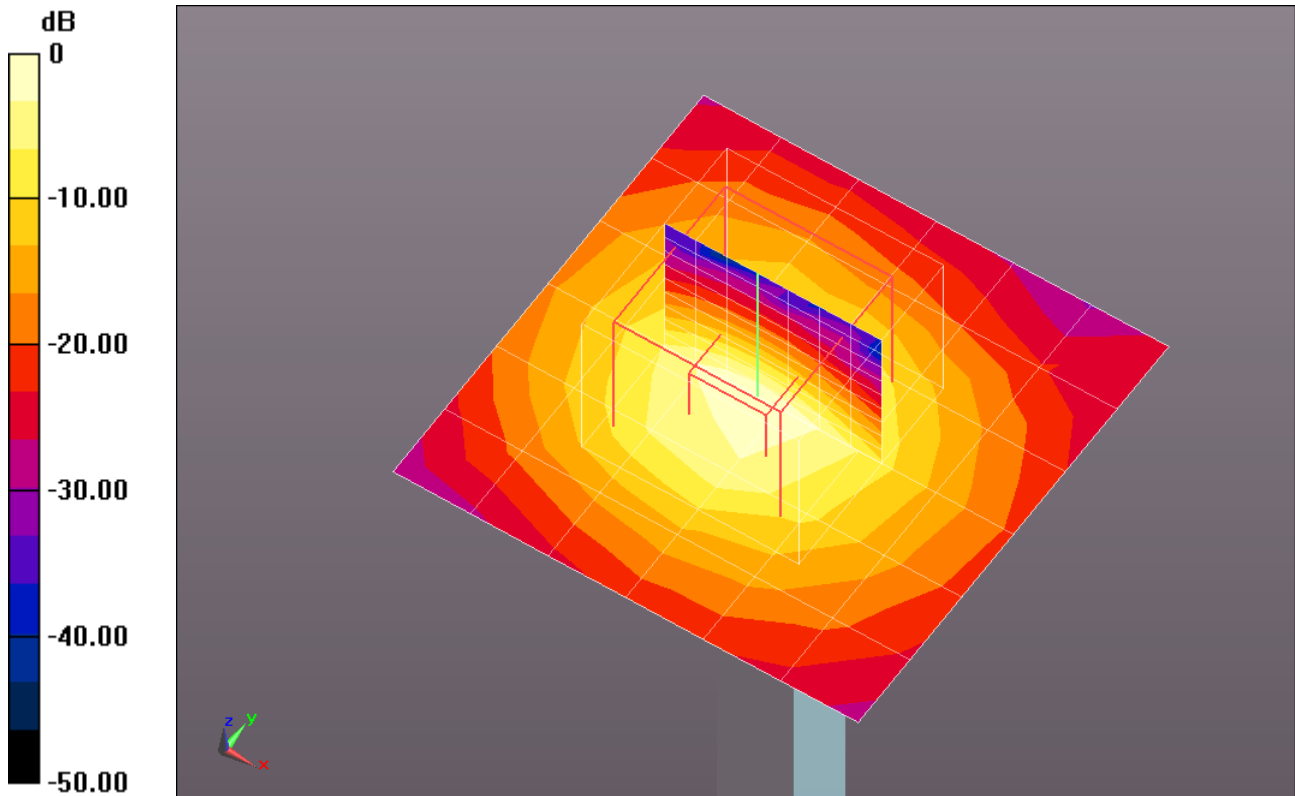
dz=2.5mm

Reference Value = 49.616 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 30.2060

**SAR(1 g) = 7.81 mW/g; SAR(10 g) = 2.2 mW/g**

Maximum value of SAR (measured) = 14.130 mW/g

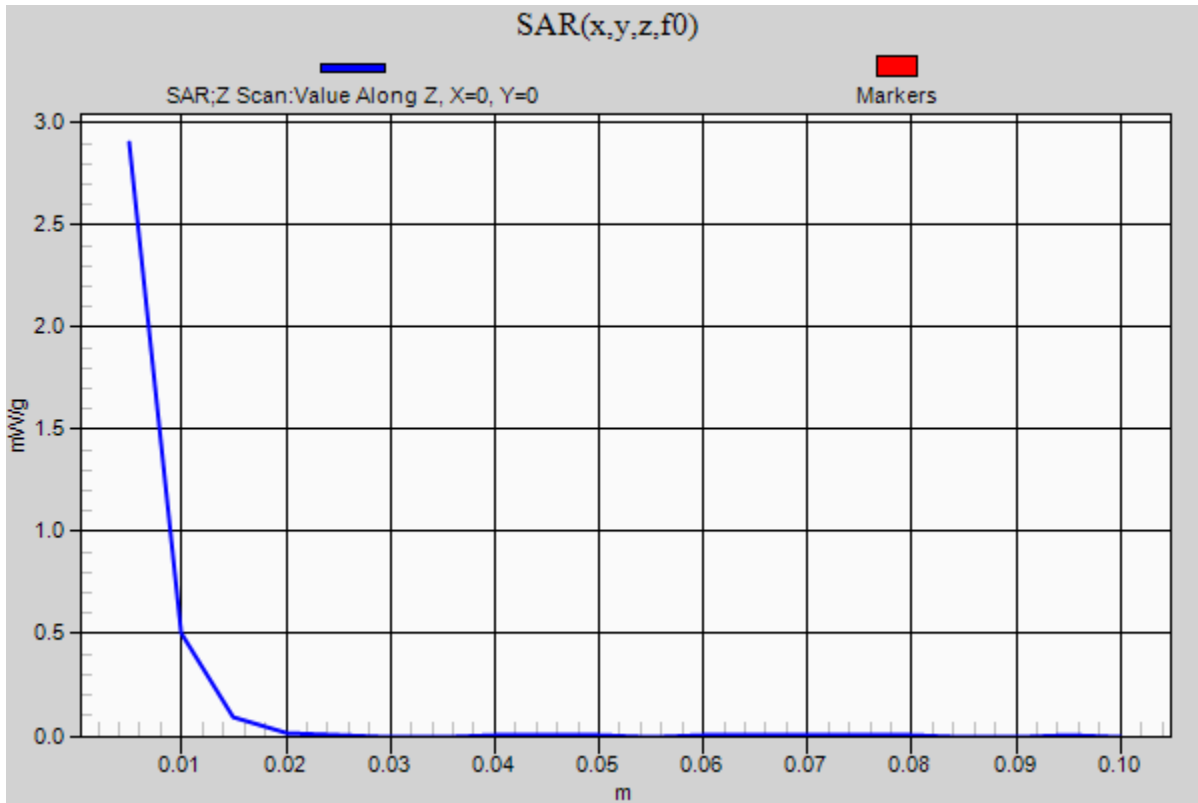


0 dB = 14.130mW/g = 23.00 dB mW/g

### 20120224\_SystemPerformanceCheck-D5GHzV2 SN 1003

Frequency: 5800 MHz; Duty Cycle: 1:1

**Body/5.8 GHz, Pin=100mW/Z Scan (1x1x21):** Measurement grid: dx=20mm, dy=20mm, dz=5mm  
Maximum value of SAR (measured) = 2.903 mW/g



## 20120225\_SystemPerformanceCheck-D5GHzV2 SN 1003

Frequency: 5500 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 25.0°C; Liquid Temperature: 24.0°C  
 Medium parameters used:  $f = 5500$  MHz;  $\sigma = 5.55$  mho/m;  $\epsilon_r = 48.965$ ;  $\rho = 1000$  kg/m<sup>3</sup>

DASY5 Configuration:

- Electronics: DAE4 Sn1259; Calibrated: 2/13/2012
- Probe: EX3DV3 - SN3531; ConvF(3.77, 3.77, 3.77); Calibrated: 12/19/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (A); Type: QDOVA001BB; Serial: 1120

**Body/5.5 GHz, Pin=100mW/Area Scan (7x7x1):** Measurement grid: dx=10mm, dy=10mm  
 Maximum value of SAR (measured) = 13.545 mW/g

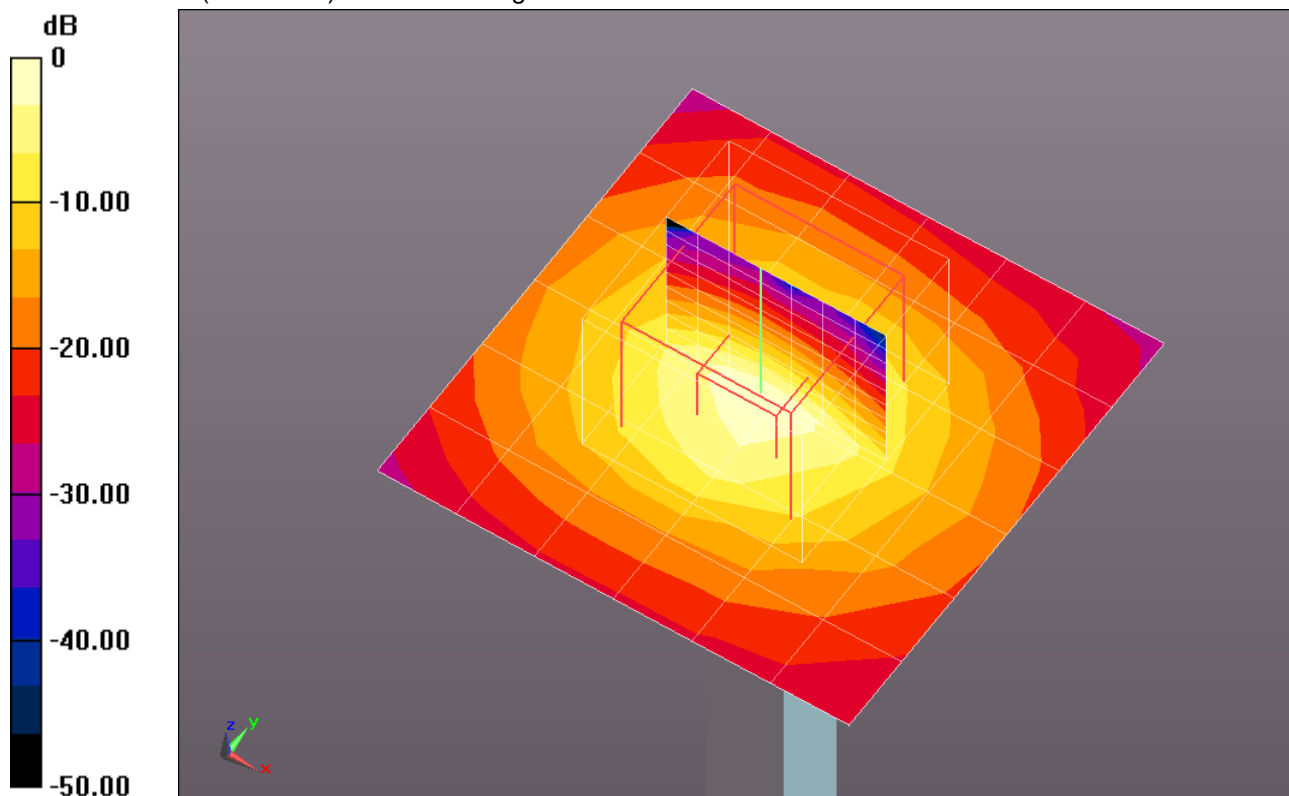
**Body/5.5 GHz, Pin=100mW/Zoom Scan (8x8x10)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 52.594 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 29.6220

**SAR(1 g) = 7.5 mW/g; SAR(10 g) = 2.09 mW/g**

Maximum value of SAR (measured) = 13.880 mW/g

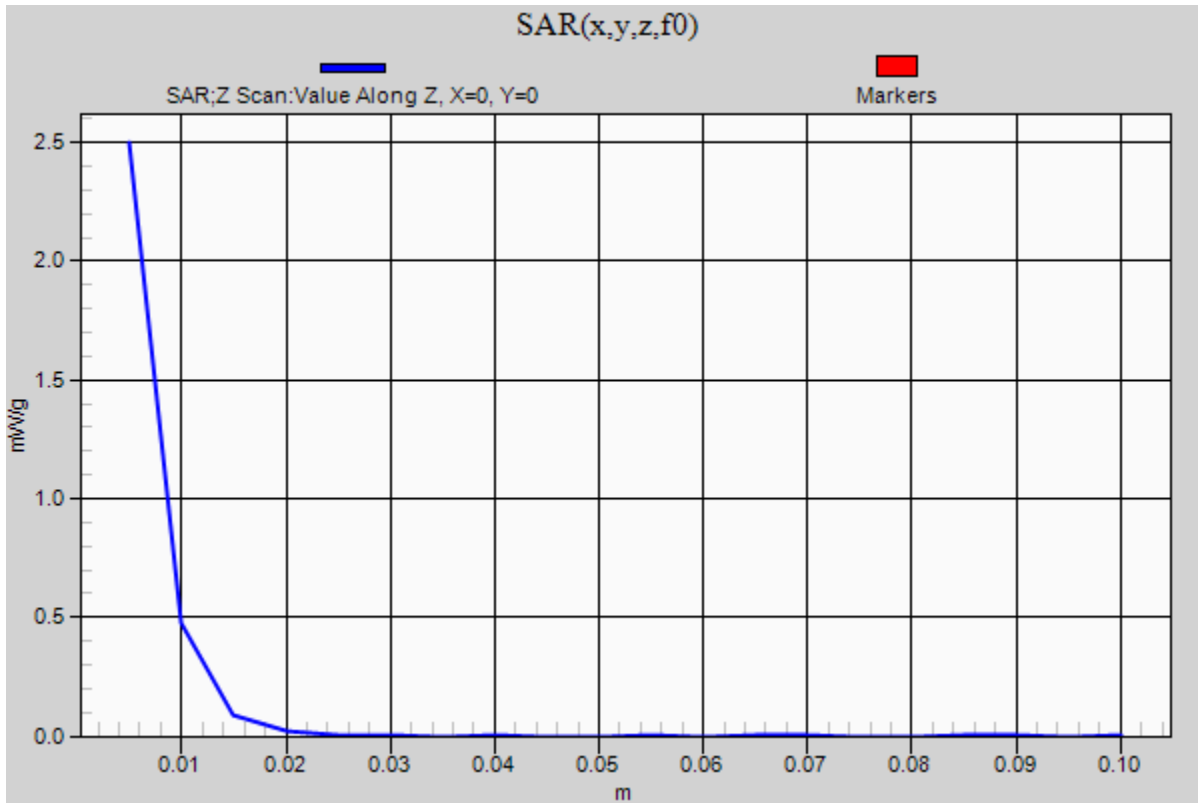


0 dB = 13.880mW/g = 22.85 dB mW/g

### 20120225\_SystemPerformanceCheck-D5GHzV2 SN 1003

Frequency: 5500 MHz; Duty Cycle: 1:1

**Body/5.5 GHz, Pin=100mW/Z Scan (1x1x21):** Measurement grid: dx=20mm, dy=20mm, dz=5mm  
Maximum value of SAR (measured) = 2.499 mW/g



## 20120226\_SystemPerformanceCheck-D2450V2 SN 748

Frequency: 2450 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
 Medium parameters used:  $f = 2450$  MHz;  $\sigma = 1.992$  mho/m;  $\epsilon_r = 52.03$ ;  $\rho = 1000$  kg/m<sup>3</sup>

DASY5 Configuration:

- Electronics: DAE4 Sn1259; Calibrated: 2/13/2012
- Probe: EX3DV3 - SN3531; ConvF(7.44, 7.44, 7.44); Calibrated: 12/19/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (B); Type: QDOVA001BB; Serial: 1118

**Body/Pin=100 mW/Area Scan (7x7x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 5.661 mW/g

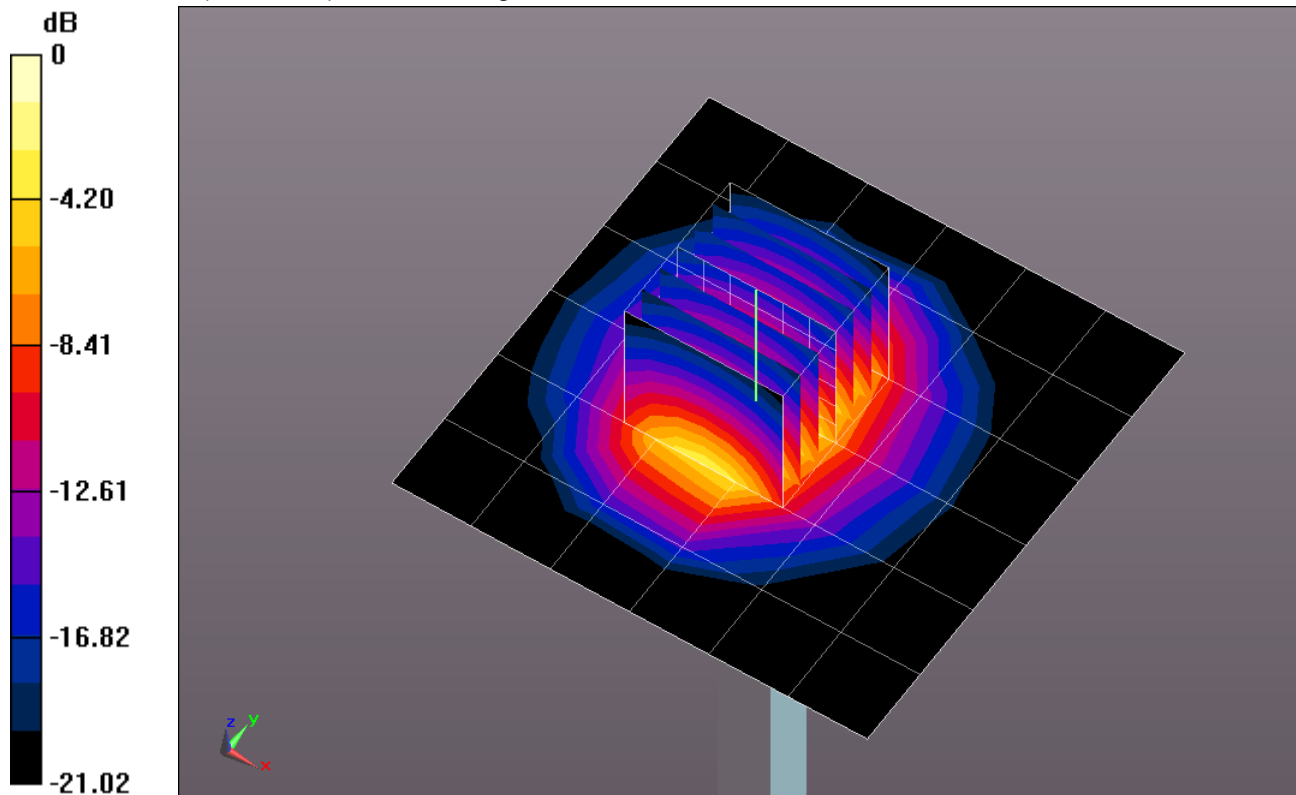
**Body/Pin=100 mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 61.173 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 10.6580

**SAR(1 g) = 5.22 mW/g; SAR(10 g) = 2.45 mW/g**

Maximum value of SAR (measured) = 7.388 mW/g



0 dB = 7.390mW/g = 17.37 dB mW/g

### 20120226\_SystemPerformanceCheck-D2450V2 SN 748

Frequency: 2450 MHz; Duty Cycle: 1:1

**Body/Pin=100 mW/Z Scan (1x1x21):** Measurement grid: dx=20mm, dy=20mm, dz=5mm  
Maximum value of SAR (measured) = 5.050 mW/g

