

**20140731\_System check\_Diple2450v2 SN728**

Frequency: 2450 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.5°C  
Medium parameters used (interpolated):  $f = 2450$  MHz;  $\sigma = 1.907$  S/m;  $\epsilon_r = 54.038$ ;  $\rho = 1000$  kg/m<sup>3</sup>

DASY5 Configuration:

- Area Scan Setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn877; Calibrated: 2014/03/26
- Probe: EX3DV4 - SN3665; ConvF(7.22, 7.22, 7.22); Calibrated: 2014/05/22;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1056

**Body/Pin=100mW, d=10mm/Area Scan (7x9x1):** Measurement grid: dx=15mm, dy=15mm

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 8.01 W/kg

**Body/Pin=100mW, d=10mm/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

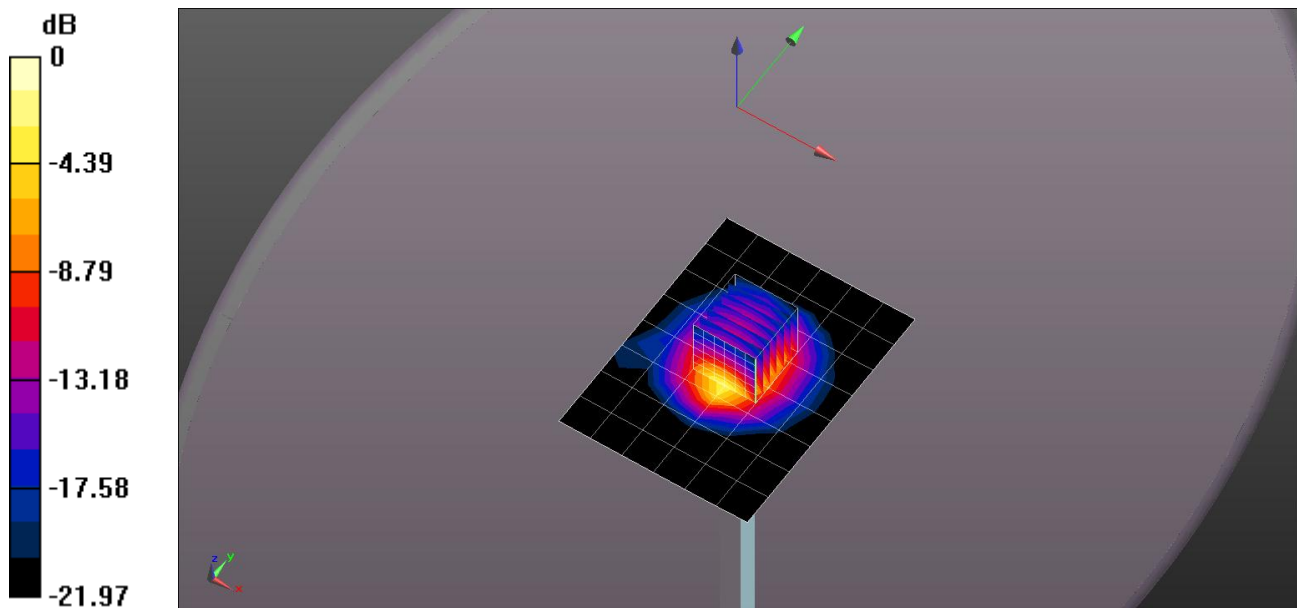
Reference Value = 66.52 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 10.7 W/kg

**SAR(1 g) = 5.05 W/kg; SAR(10 g) = 2.35 W/kg**

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 8.42 W/kg



0 dB = 8.42 W/kg = 9.25 dBW/kg

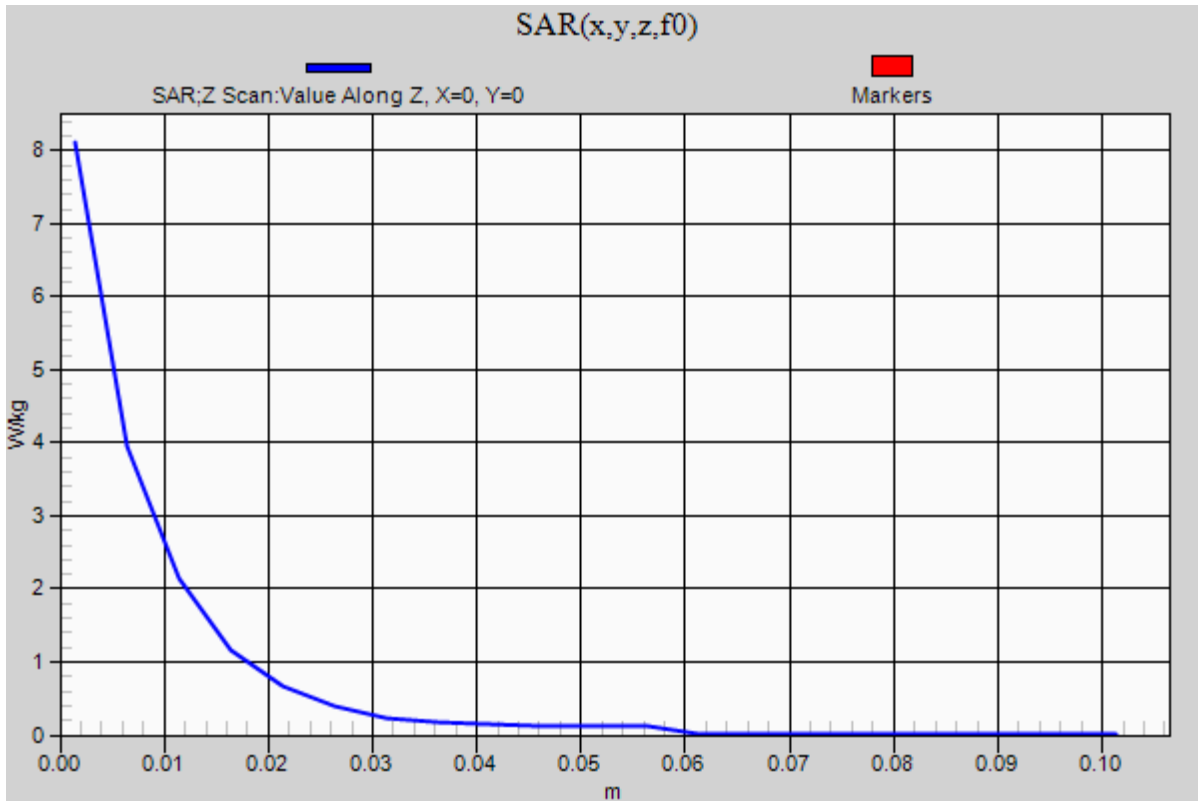
### 20140731\_System check\_Diple2450v2 SN728

Frequency: 2450 MHz; Duty Cycle: 1:1

**Body/Pin=100mW, d=10mm/Z Scan (1x1x21):** Measurement grid: dx=20mm, dy=20mm, dz=5mm

Info: [Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 8.11 W/kg



## 20140801\_System check\_Diple5GHzv2 SN1004

Frequency: 5200 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.5°C; Liquid Temperature: 24.0°C

Medium parameters used (interpolated):  $f = 5200$  MHz;  $\sigma = 5.231$  S/m;  $\epsilon_r = 48.607$ ;  $\rho = 1000$  kg/m<sup>3</sup>

DASY5 Configuration:

- Area Scan Setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn877; Calibrated: 2014/03/26
- Probe: EX3DV4 - SN3665; ConvF(4.43, 4.43, 4.43); Calibrated: 2014/05/22;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1056

**Body/5200MHz,Pin=100mW,d=10mm/Area Scan (7x7x1):** Measurement grid: dx=10mm, dy=10mm

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 17.7 W/kg

**Body/5200MHz,Pin=100mW,d=10mm/Zoom Scan (7x7x6)/Cube 0:** Measurement grid: dx=4mm,

dy=4mm, dz=1.4mm

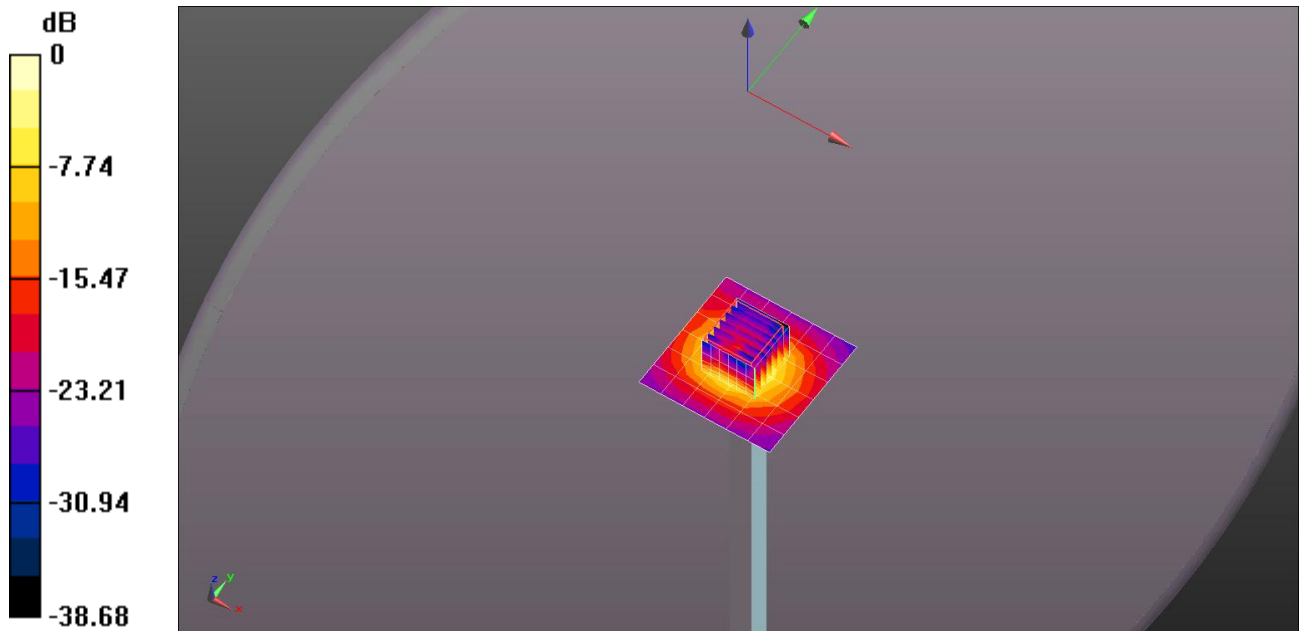
Reference Value = 40.92 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 28.4 W/kg

**SAR(1 g) = 7.43 W/kg; SAR(10 g) = 2.14 W/kg**

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 18.4 W/kg



0 dB = 18.4 W/kg = 12.65 dBW/kg

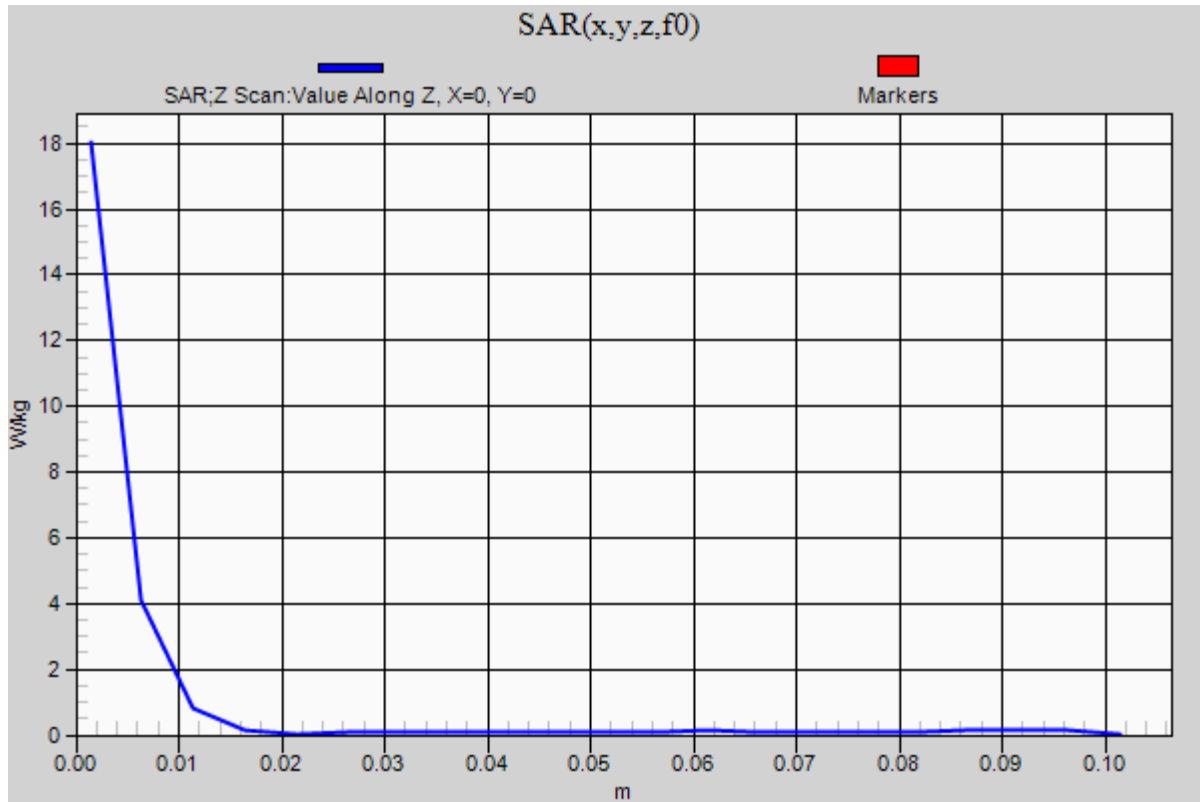
### 20140801\_System check\_Diple5GHzv2 SN1004

Frequency: 5200 MHz; Duty Cycle: 1:1

**Body/5200MHz,Pin=100mW,d=10mm/Z Scan (1x1x21):** Measurement grid: dx=20mm, dy=20mm, dz=5mm

Info: [Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 18.0 W/kg



## 20140801\_System check\_Diple5GHzv2 SN1004

Frequency: 5300 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.5°C; Liquid Temperature: 24.0°C

Medium parameters used:  $f = 5300.2 \text{ MHz}$ ;  $\sigma = 5.352 \text{ S/m}$ ;  $\epsilon_r = 48.459$ ;  $\rho = 1000 \text{ kg/m}^3$

DASY5 Configuration:

- Area Scan Setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn877; Calibrated: 2014/03/26
- Probe: EX3DV4 - SN3665; ConvF(4.23, 4.23, 4.23); Calibrated: 2014/05/22;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1056

**Body/5300MHz,Pin=100mW,d=10mm 2/Area Scan (7x7x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 18.4 W/kg

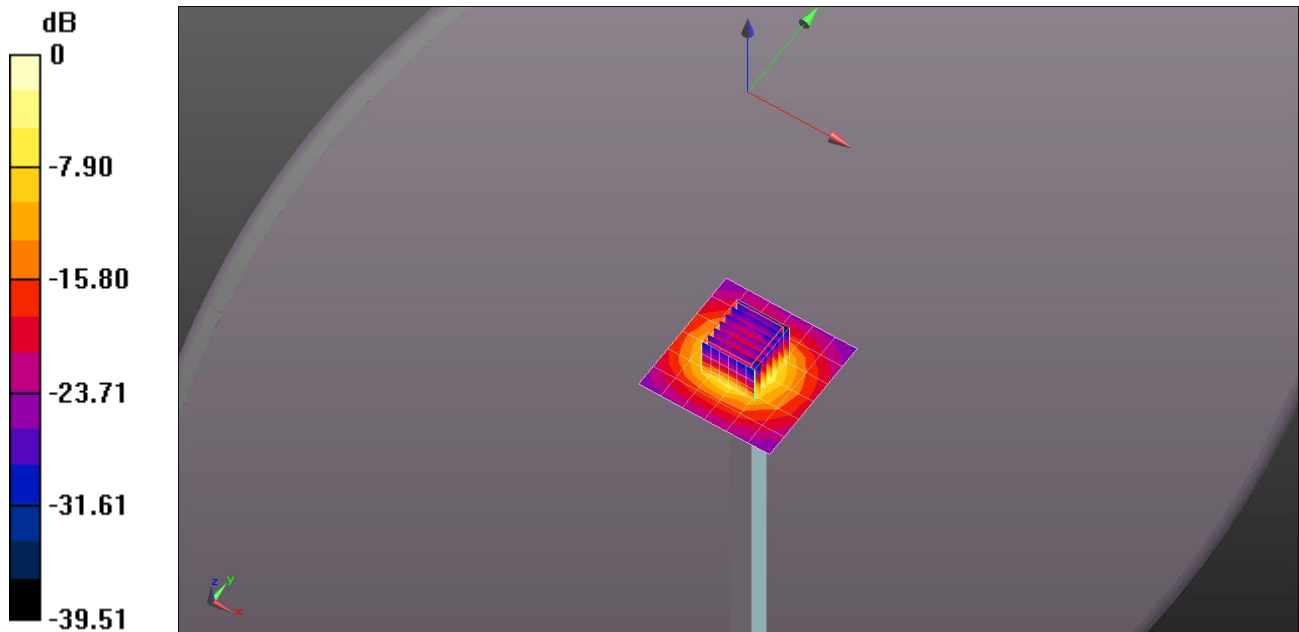
**Body/5300MHz,Pin=100mW,d=10mm 2/Zoom Scan (7x7x6)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 41.03 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 29.7 W/kg

**SAR(1 g) = 7.65 W/kg; SAR(10 g) = 2.19 W/kg**

Maximum value of SAR (measured) = 19.1 W/kg



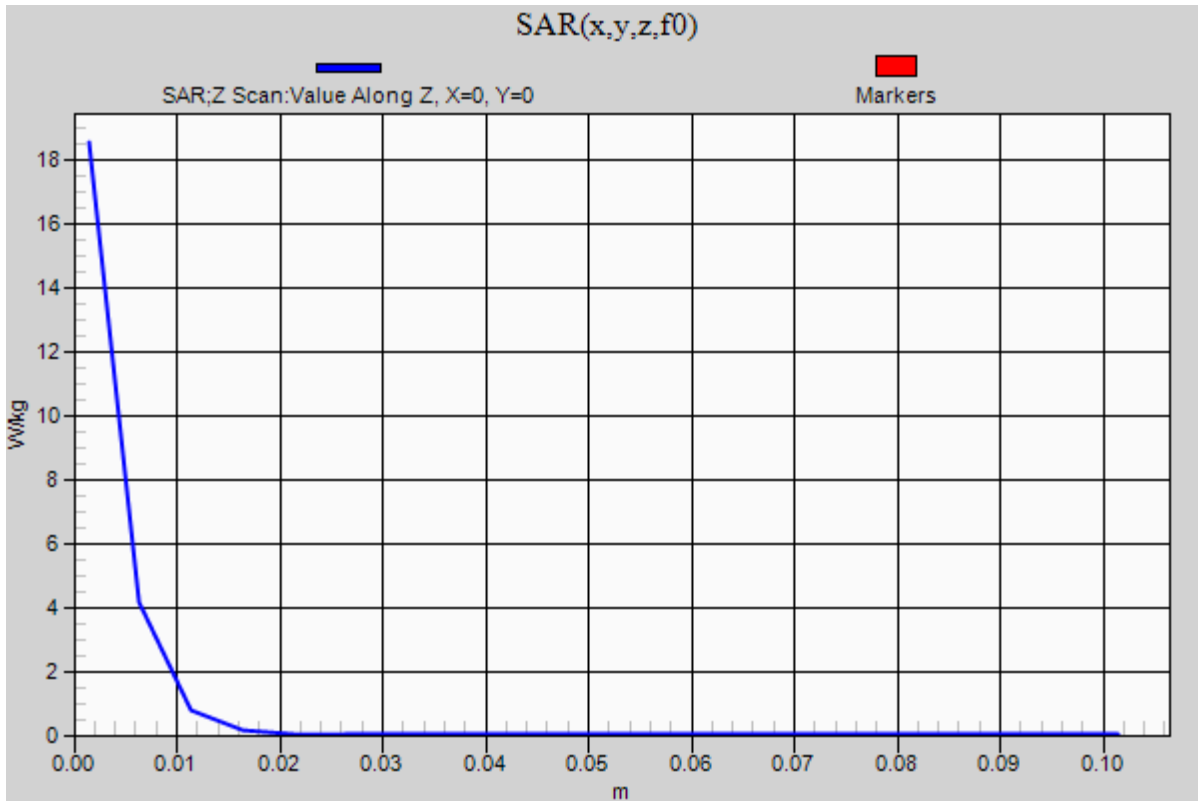
0 dB = 19.1 W/kg = 12.81 dBW/kg

### 20140801\_System check\_Diple5GHzv2 SN1004

Frequency: 5300 MHz; Duty Cycle: 1:1

**Body/5300MHz,Pin=100mW,d=10mm 2/Z Scan (1x1x21):** Measurement grid: dx=20mm, dy=20mm, dz=5mm

Maximum value of SAR (measured) = 18.5 W/kg



## 20140801\_System check\_Diple5GHzv2 SN1004

Frequency: 5600 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.5°C; Liquid Temperature: 24.0°C

Medium parameters used:  $f = 5600.5$  MHz;  $\sigma = 5.742$  S/m;  $\epsilon_r = 47.99$ ;  $\rho = 1000$  kg/m<sup>3</sup>

DASY5 Configuration:

- Area Scan Setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn877; Calibrated: 2014/03/26
- Probe: EX3DV4 - SN3665; ConvF(3.82, 3.82, 3.82); Calibrated: 2014/05/22;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1056

**Body/5600MHz,Pin=100mW,d=10mm 3/Area Scan (7x7x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 19.4 W/kg

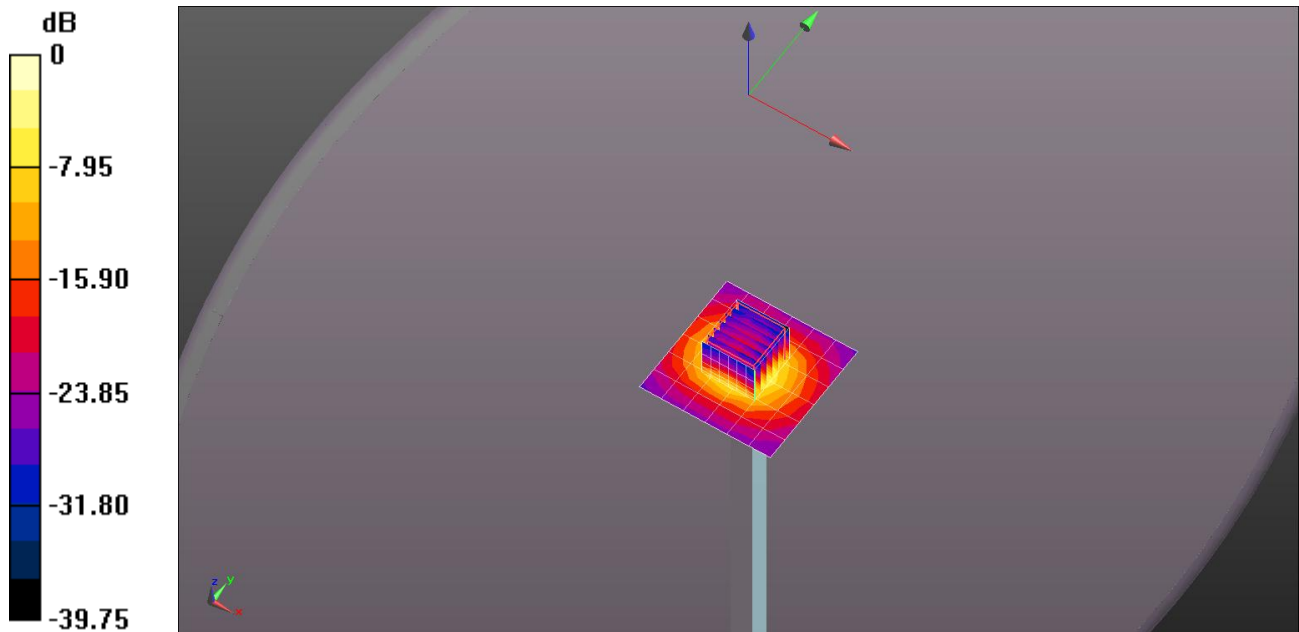
**Body/5600MHz,Pin=100mW,d=10mm 3/Zoom Scan (7x7x6)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 40.18 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 33.8 W/kg

**SAR(1 g) = 8.02 W/kg; SAR(10 g) = 2.27 W/kg**

Maximum value of SAR (measured) = 20.9 W/kg



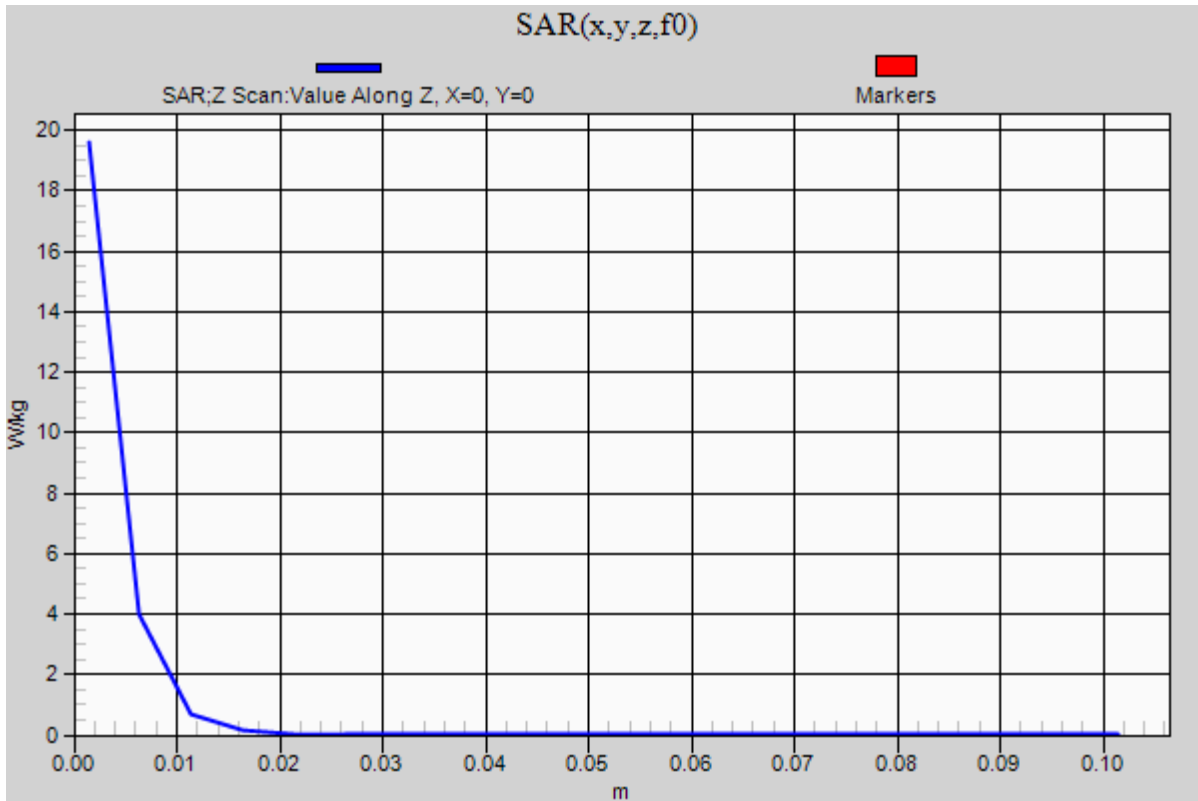
0 dB = 20.9 W/kg = 13.20 dBW/kg

### 20140801\_System check\_Diple5GHzv2 SN1004

Frequency: 5600 MHz; Duty Cycle: 1:1

**Body/5600MHz,Pin=100mW,d=10mm 3/Z Scan (1x1x21):** Measurement grid: dx=20mm, dy=20mm, dz=5mm

Maximum value of SAR (measured) = 19.6 W/kg





## 20140801\_System check\_Diple5GHzv2 SN1004

Frequency: 5800 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.5°C; Liquid Temperature: 24.0°C

Medium parameters used (interpolated):  $f = 5800$  MHz;  $\sigma = 5.995$  S/m;  $\epsilon_r = 47.67$ ;  $\rho = 1000$  kg/m<sup>3</sup>

DASY5 Configuration:

- Area Scan Setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn877; Calibrated: 2014/03/26
- Probe: EX3DV4 - SN3665; ConvF(4.22, 4.22, 4.22); Calibrated: 2014/05/22;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1056

**Body/5800MHz,Pin=100mW,d=10mm 3 2/Area Scan (7x7x1):** Measurement grid: dx=10mm, dy=10mm

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 21.2 W/kg

**Body/5800MHz,Pin=100mW,d=10mm 3 2/Zoom Scan (7x7x6)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

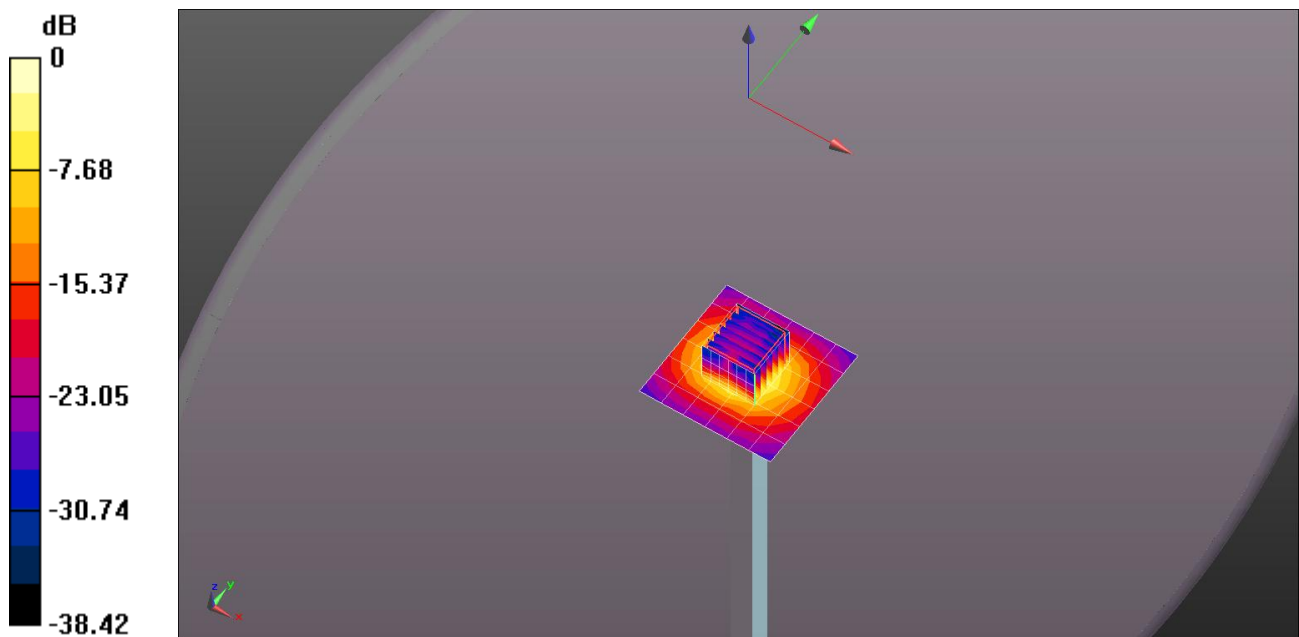
Reference Value = 39.68 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 32.8 W/kg

**SAR(1 g) = 7.38 W/kg; SAR(10 g) = 2.1 W/kg**

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 19.6 W/kg



0 dB = 19.6 W/kg = 12.92 dBW/kg

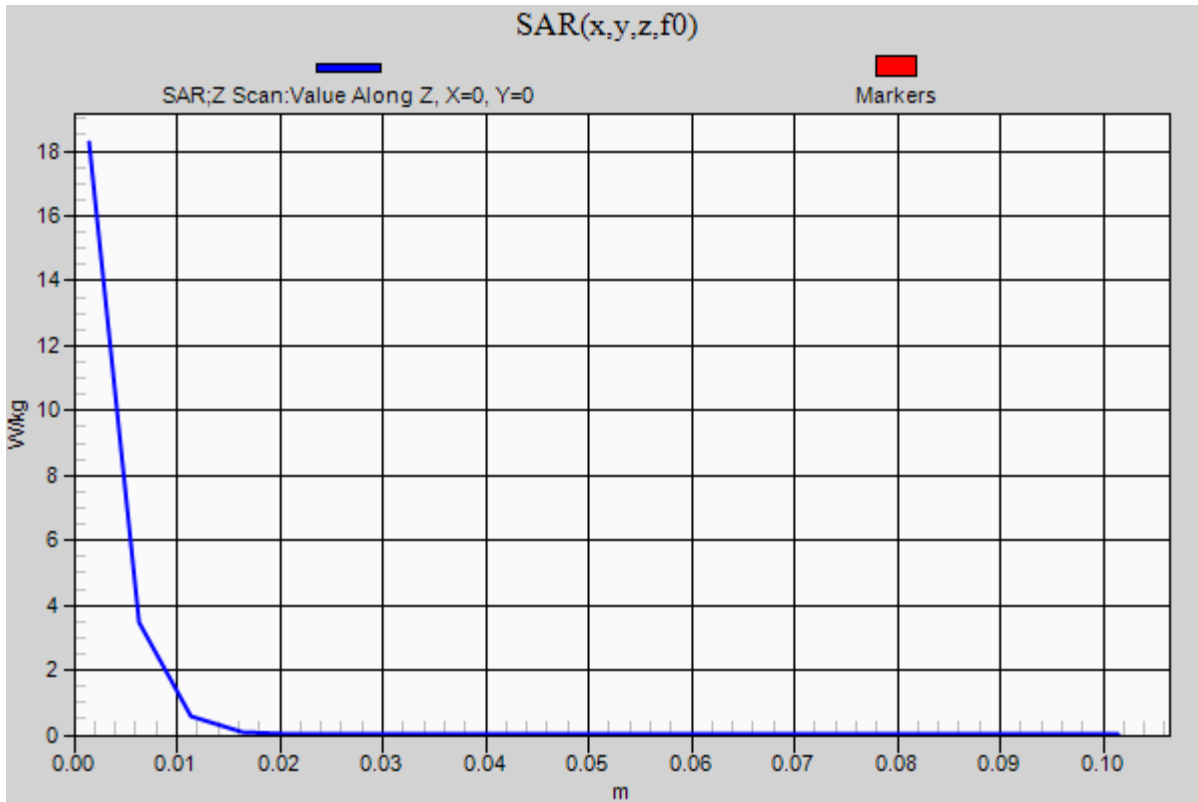
### 20140801\_System check\_Diple5GHzv2 SN1004

Frequency: 5800 MHz; Duty Cycle: 1:1

**Body/5800MHz,Pin=100mW,d=10mm 3 2/Z Scan (1x1x21):** Measurement grid: dx=20mm, dy=20mm, dz=5mm

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 18.3 W/kg



## 20140804\_System check\_Diple5GHzv2 SN1004

Frequency: 5200 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.5°C; Liquid Temperature: 24.0°C

Medium parameters used (interpolated):  $f = 5200$  MHz;  $\sigma = 5.266$  S/m;  $\epsilon_r = 48.586$ ;  $\rho = 1000$  kg/m<sup>3</sup>

DASY5 Configuration:

- Area Scan Setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn877; Calibrated: 2014/03/26
- Probe: EX3DV4 - SN3665; ConvF(4.43, 4.43, 4.43); Calibrated: 2014/05/22;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1056

**Body/5200MHz,Pin=100mW,d=10mm/Area Scan (7x7x1):** Measurement grid: dx=10mm, dy=10mm

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 17.7 W/kg

**Body/5200MHz,Pin=100mW,d=10mm/Zoom Scan (7x7x6)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 40.94 V/m; Power Drift = 0.09 dB

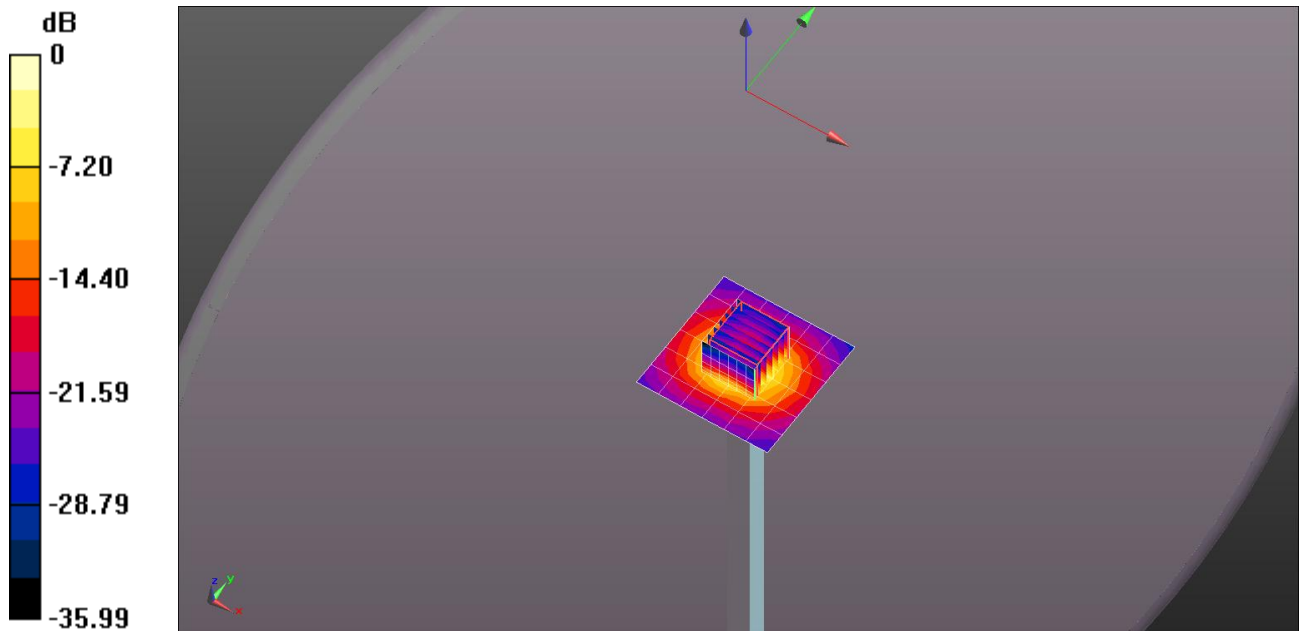
Peak SAR (extrapolated) = 28.7 W/kg

Peak SAR (extrapolated) = 28.7 W/kg

**SAR(1 g) = 7.45 W/kg; SAR(10 g) = 2.14 W/kg**

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 18.5 W/kg



0 dB = 18.5 W/kg = 12.67 dBW/kg

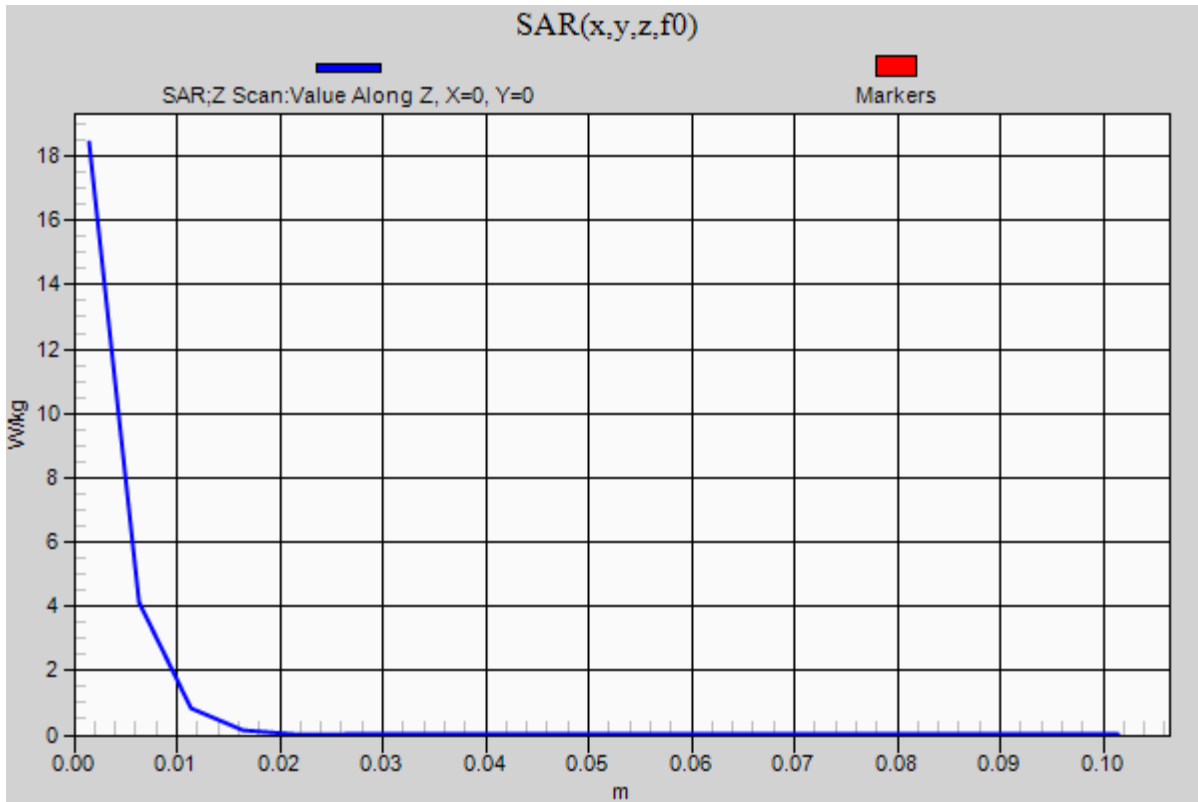
### 20140804\_System check\_Diple5GHzv2 SN1004

Frequency: 5200 MHz; Duty Cycle: 1:1

**Body/5200MHz,Pin=100mW,d=10mm/Z Scan (1x1x21):** Measurement grid: dx=20mm, dy=20mm, dz=5mm

Info: [Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 18.4 W/kg



## 20140804\_System check\_Diple5GHzv2 SN1004

Frequency: 5300 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.5°C; Liquid Temperature: 24.0°C

Medium parameters used:  $f = 5300.2 \text{ MHz}$ ;  $\sigma = 5.386 \text{ S/m}$ ;  $\epsilon_r = 48.427$ ;  $\rho = 1000 \text{ kg/m}^3$

DASY5 Configuration:

- Area Scan Setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn877; Calibrated: 2014/03/26
- Probe: EX3DV4 - SN3665; ConvF(4.23, 4.23, 4.23); Calibrated: 2014/05/22;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1056

**Body/5300MHz,Pin=100mW,d=10mm/Area Scan (7x7x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 16.9 W/kg

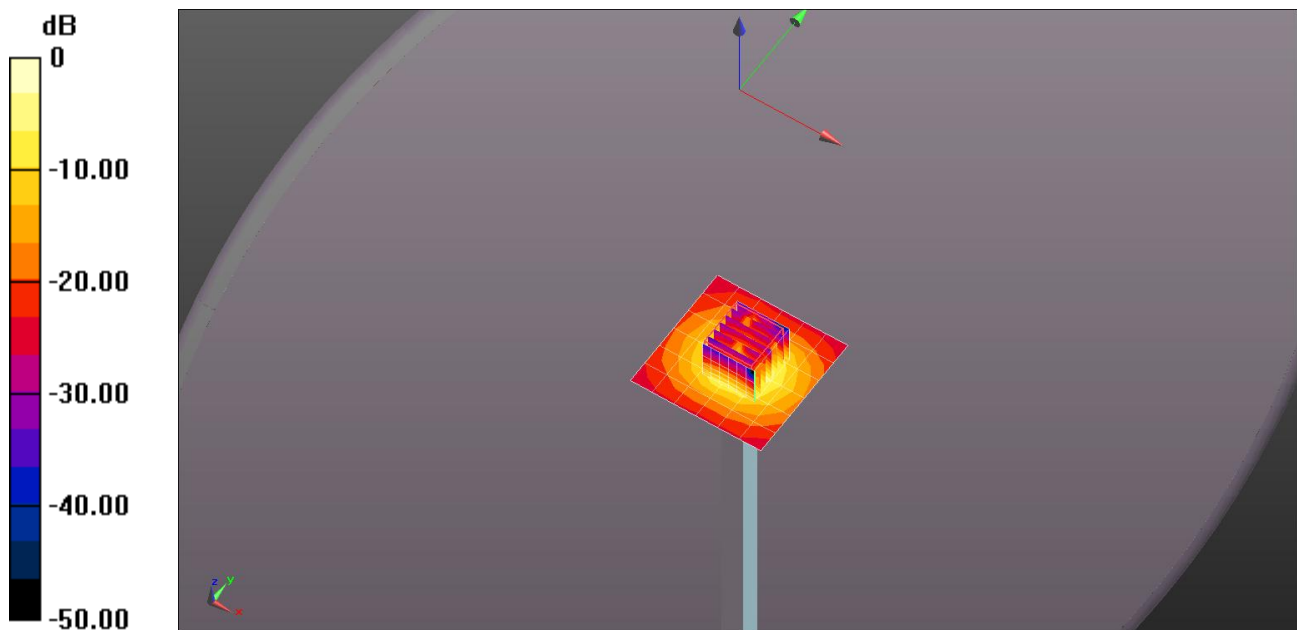
**Body/5300MHz,Pin=100mW,d=10mm/Zoom Scan (7x7x6)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 42.09 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 28.8 W/kg

**SAR(1 g) = 7.39 W/kg; SAR(10 g) = 2.11 W/kg**

Maximum value of SAR (measured) = 18.5 W/kg



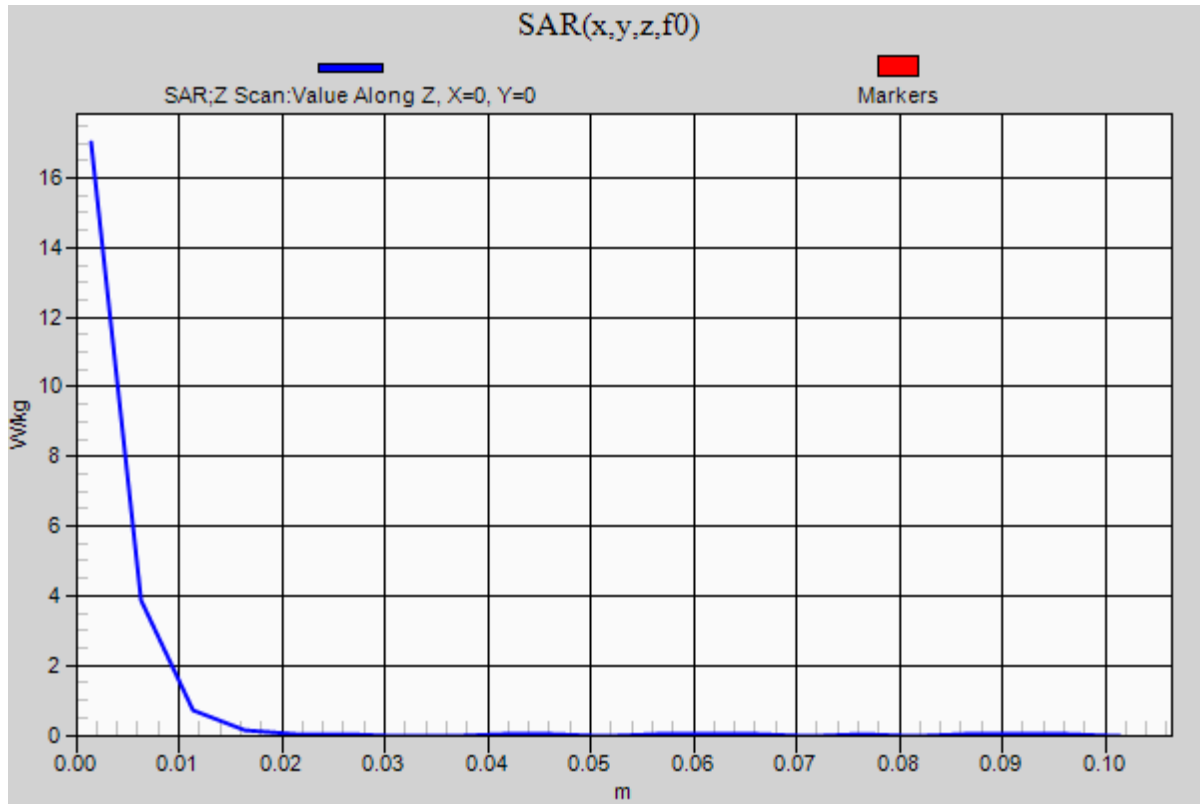
0 dB = 18.5 W/kg = 12.67 dBW/kg

### 20140804\_System check\_Diple5GHzv2 SN1004

Frequency: 5300 MHz; Duty Cycle: 1:1

**Body/5300MHz,Pin=100mW,d=10mm/Z Scan (1x1x21):** Measurement grid: dx=20mm, dy=20mm, dz=5mm

Maximum value of SAR (measured) = 17.0 W/kg



## 20140804\_System check\_Diple5GHzv2 SN1004

Frequency: 5600 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.5°C; Liquid Temperature: 24.0°C

Medium parameters used:  $f = 5600.5$  MHz;  $\sigma = 5.767$  S/m;  $\epsilon_r = 47.948$ ;  $\rho = 1000$  kg/m<sup>3</sup>

DASY5 Configuration:

- Area Scan Setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn877; Calibrated: 2014/03/26
- Probe: EX3DV4 - SN3665; ConvF(3.82, 3.82, 3.82); Calibrated: 2014/05/22;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1056

**Body/5600MHz,Pin=100mW,d=10mm/Area Scan (7x7x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 21.8 W/kg

**Body/5600MHz,Pin=100mW,d=10mm/Zoom Scan (7x7x6)/Cube 0:** Measurement grid: dx=4mm,

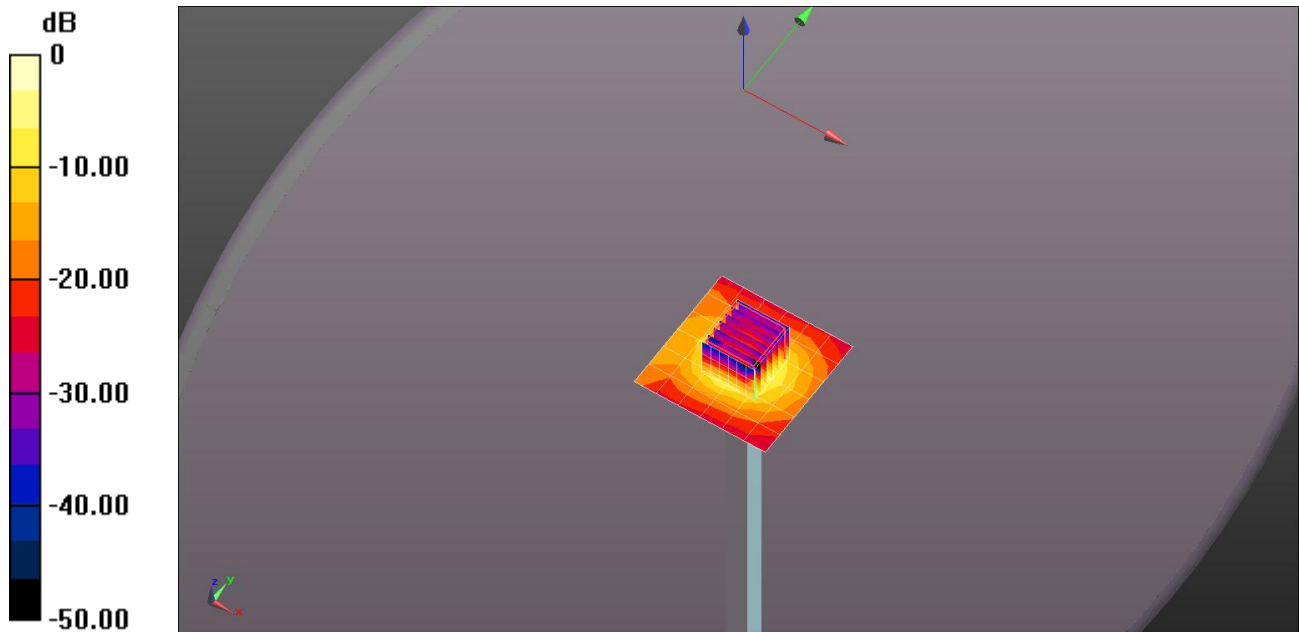
dy=4mm, dz=1.4mm

Reference Value = 37.34 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 36.2 W/kg

**SAR(1 g) = 8.18 W/kg; SAR(10 g) = 2.31 W/kg**

Maximum value of SAR (measured) = 21.5 W/kg



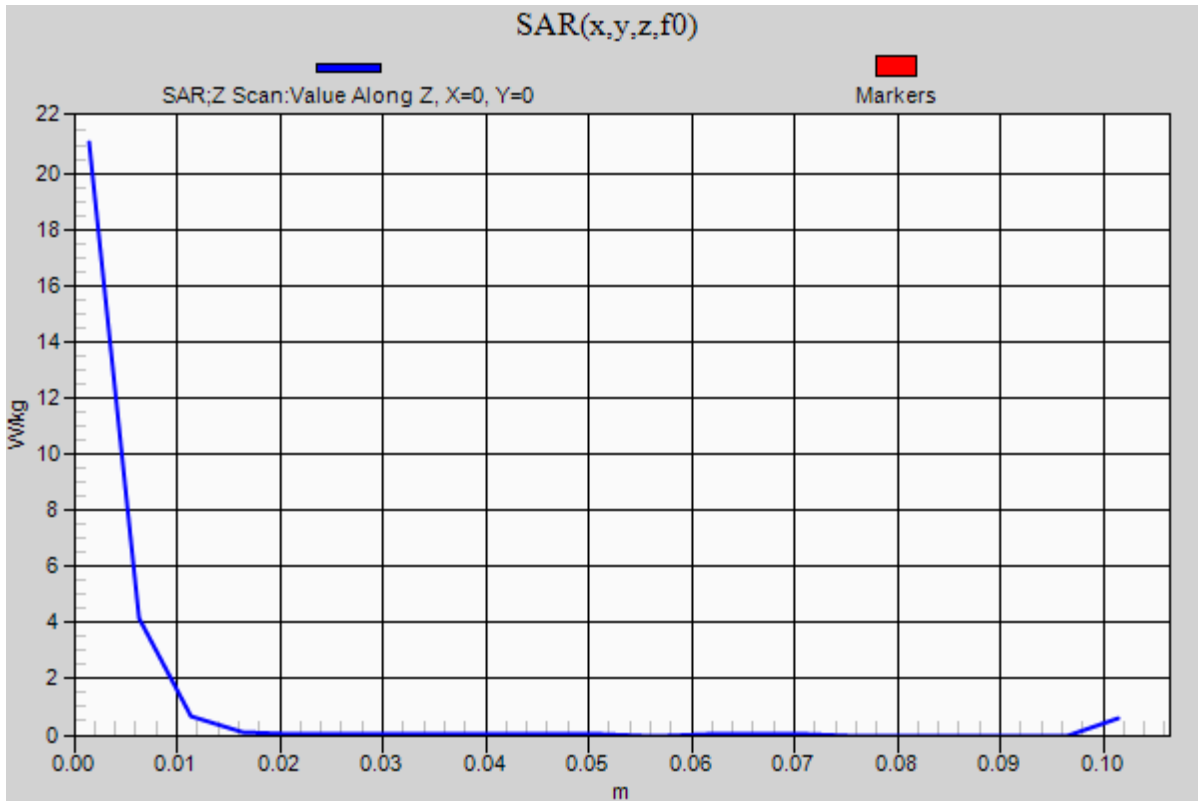
0 dB = 21.5 W/kg = 13.32 dBW/kg

### 20140804\_System check\_Diple5GHzv2 SN1004

Frequency: 5600 MHz; Duty Cycle: 1:1

**Body/5600MHz,Pin=100mW,d=10mm/Z Scan (1x1x21):** Measurement grid: dx=20mm, dy=20mm, dz=5mm

Maximum value of SAR (measured) = 21.1 W/kg





**20140804\_System check\_Diple5GHzv2 SN1004**

Frequency: 5800 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.5°C; Liquid Temperature: 24.0°C

Medium parameters used (interpolated):  $f = 5800$  MHz;  $\sigma = 6.019$  S/m;  $\epsilon_r = 47.638$ ;  $\rho = 1000$  kg/m<sup>3</sup>

DASY5 Configuration:

- Area Scan Setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn877; Calibrated: 2014/03/26
- Probe: EX3DV4 - SN3665; ConvF(4.22, 4.22, 4.22); Calibrated: 2014/05/22;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1056

**Body/5800MHz,Pin=100mW,d=10mm/Area Scan (7x7x1):** Measurement grid: dx=10mm, dy=10mm

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 18.5 W/kg

**Body/5800MHz,Pin=100mW,d=10mm/Zoom Scan (7x7x6)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

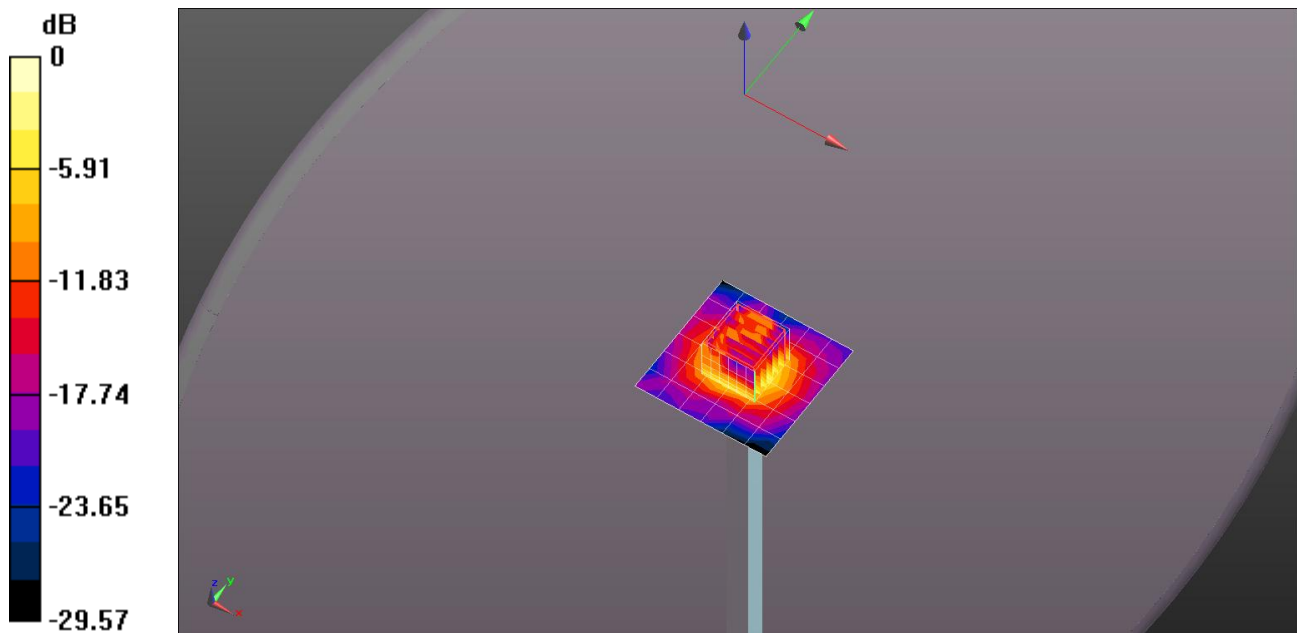
Reference Value = 36.60 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 32.3 W/kg

**SAR(1 g) = 7.36 W/kg; SAR(10 g) = 2.15 W/kg**

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 19.3 W/kg



0 dB = 18.5 W/kg = 12.68 dBW/kg

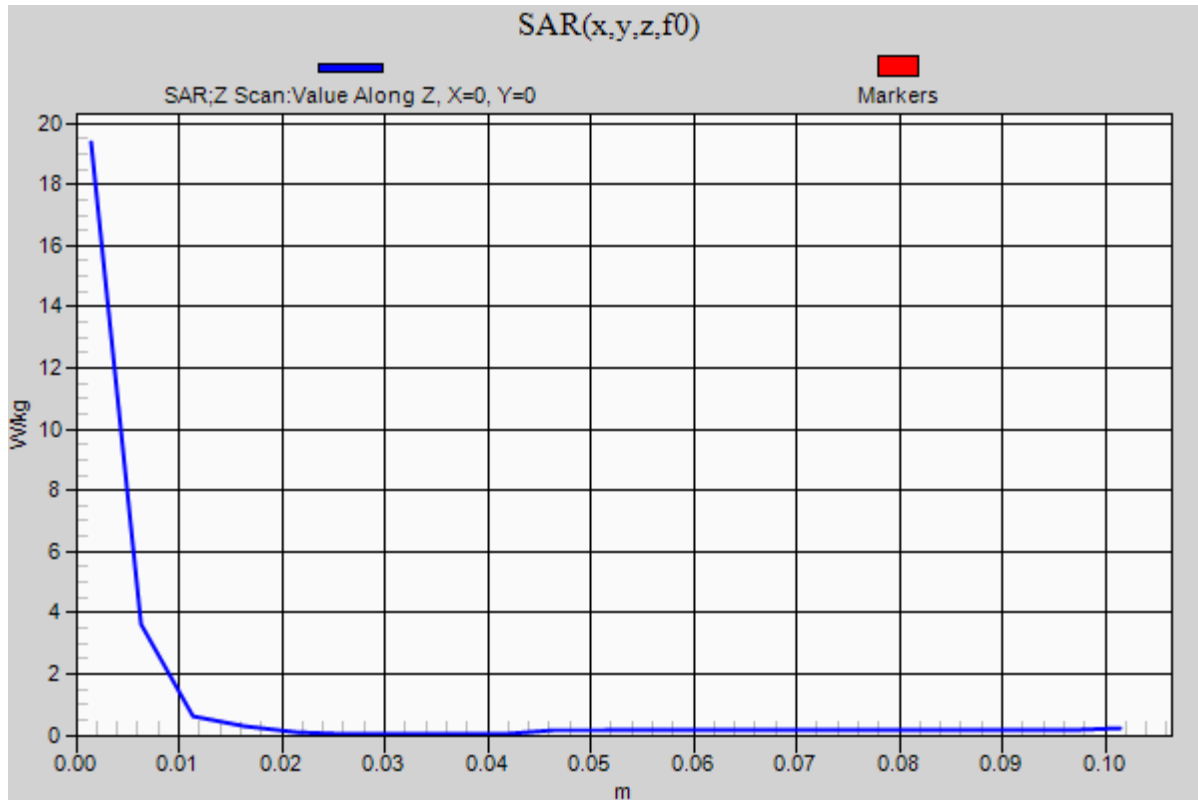
### 20140804\_System check\_Diple5GHzv2 SN1004

Frequency: 5800 MHz; Duty Cycle: 1:1

**Body/5800MHz,Pin=100mW,d=10mm/Z Scan (1x1x21):** Measurement grid: dx=20mm, dy=20mm, dz=5mm

Info: [Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 19.4 W/kg



## 20140819\_System check\_Diple2450v2 SN728

Frequency: 2450 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.5°C

Medium parameters used (interpolated):  $f = 2450$  MHz;  $\sigma = 1.923$  S/m;  $\epsilon_r = 52.02$ ;  $\rho = 1000$  kg/m<sup>3</sup>

DASY5 Configuration:

- Area Scan Setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn877; Calibrated: 2014/03/26
- Probe: EX3DV4 - SN3665; ConvF(7.22, 7.22, 7.22); Calibrated: 2014/05/22;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1056

**Body/Pin=100mW, d=10mm/Area Scan (7x9x1):** Measurement grid: dx=15mm, dy=15mm

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 8.08 W/kg

**Body/Pin=100mW, d=10mm/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

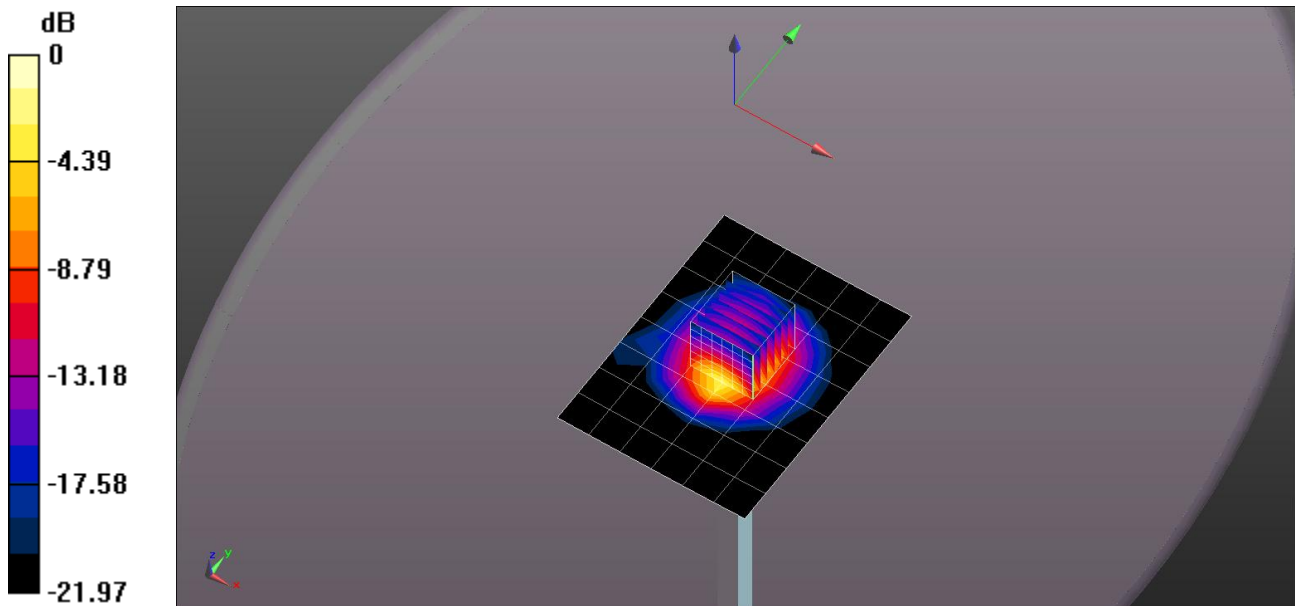
Reference Value = 66.52 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 10.8 W/kg

**SAR(1 g) = 5.09 W/kg; SAR(10 g) = 2.37 W/kg**

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 8.49 W/kg



0 dB = 8.49 W/kg = 9.29 dBW/kg

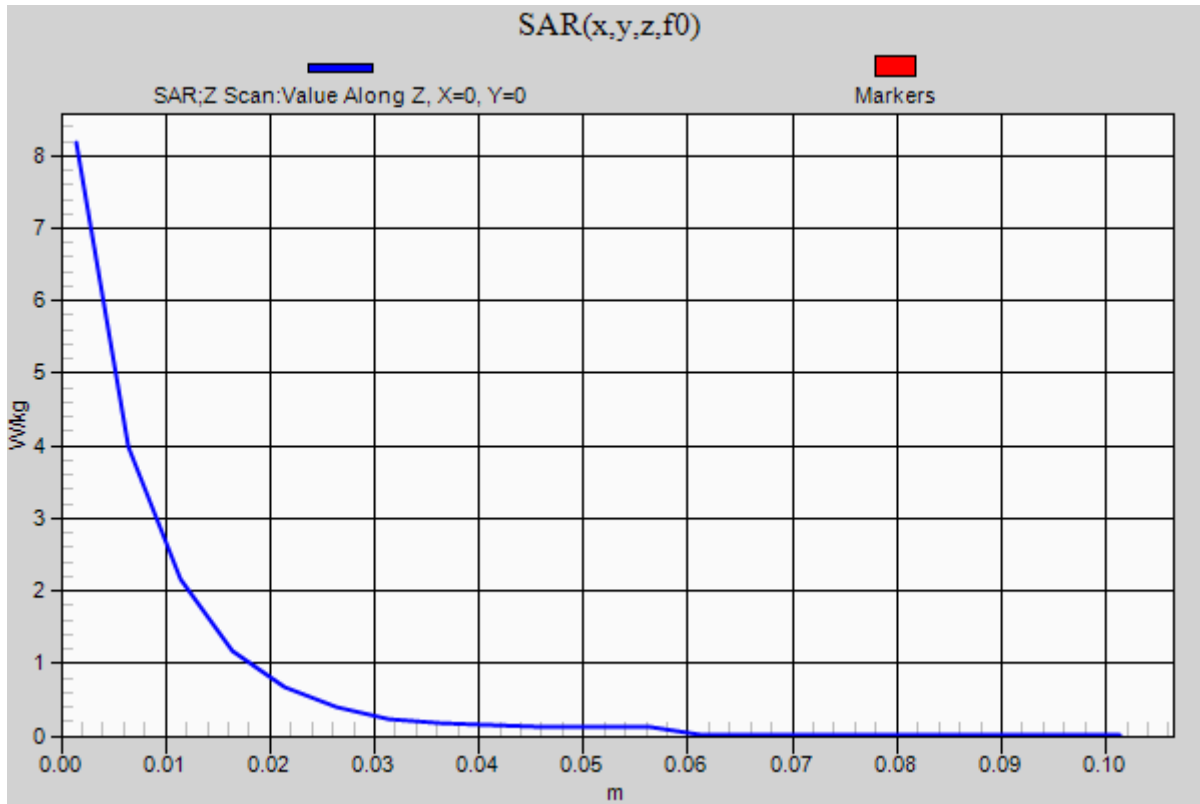
### 20140819\_System check\_Diple2450v2 SN728

Frequency: 2450 MHz; Duty Cycle: 1:1

**Body/Pin=100mW, d=10mm/Z Scan (1x1x21):** Measurement grid: dx=20mm, dy=20mm, dz=5mm

Info: [Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 8.18 W/kg



**20140822\_System check\_Diple5GHzv2 SN1004**

Frequency: 5200 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.5°C; Liquid Temperature: 24.0°C

Medium parameters used (interpolated):  $f = 5200$  MHz;  $\sigma = 5.145$  S/m;  $\epsilon_r = 48.558$ ;  $\rho = 1000$  kg/m<sup>3</sup>

DASY5 Configuration:

- Area Scan Setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn877; Calibrated: 2014/03/26
- Probe: EX3DV4 - SN3665; ConvF(4.43, 4.43, 4.43); Calibrated: 2014/05/22;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1056

**Body/5200MHz,Pin=100mW,d=10mm/Area Scan (7x7x1):** Measurement grid: dx=10mm, dy=10mm

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 17.4 W/kg

**Body/5200MHz,Pin=100mW,d=10mm/Zoom Scan (7x7x6)/Cube 0:** Measurement grid: dx=4mm,

dy=4mm, dz=1.4mm

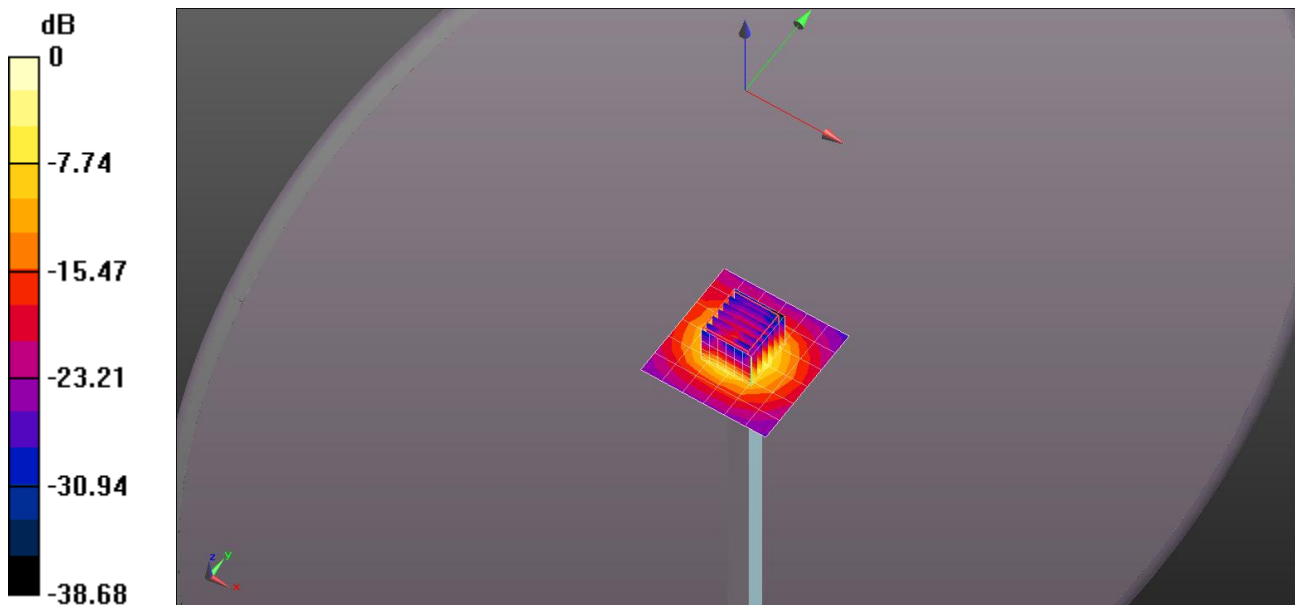
Reference Value = 40.92 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 28.0 W/kg

**SAR(1 g) = 7.31 W/kg; SAR(10 g) = 2.11 W/kg**

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 18.1 W/kg



0 dB = 18.1 W/kg = 12.58 dBW/kg

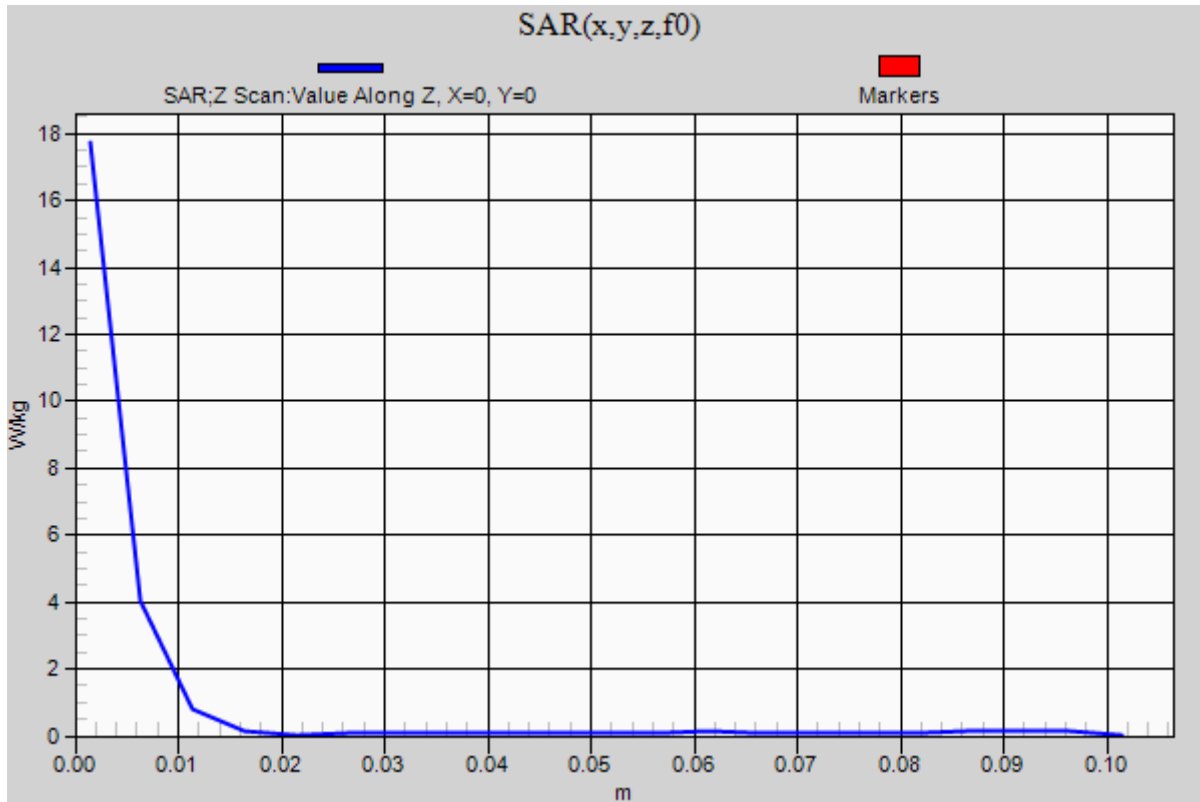
### 20140822\_System check\_Diple5GHzv2 SN1004

Frequency: 5200 MHz; Duty Cycle: 1:1

**Body/5200MHz,Pin=100mW,d=10mm/Z Scan (1x1x21):** Measurement grid: dx=20mm, dy=20mm, dz=5mm

Info: [Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 17.7 W/kg



## 20140822\_System check\_Diple5GHzv2 SN1004

Frequency: 5300 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.5°C; Liquid Temperature: 24.0°C

Medium parameters used:  $f = 5300.2 \text{ MHz}$ ;  $\sigma = 5.269 \text{ S/m}$ ;  $\epsilon_r = 48.462$ ;  $\rho = 1000 \text{ kg/m}^3$

DASY5 Configuration:

- Area Scan Setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn877; Calibrated: 2014/03/26
- Probe: EX3DV4 - SN3665; ConvF(4.23, 4.23, 4.23); Calibrated: 2014/05/22;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1056

**Body/5300MHz,Pin=100mW,d=10mm/Area Scan (7x7x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 18.1 W/kg

**Body/5300MHz,Pin=100mW,d=10mm/Zoom Scan (7x7x6)/Cube 0:** Measurement grid: dx=4mm,

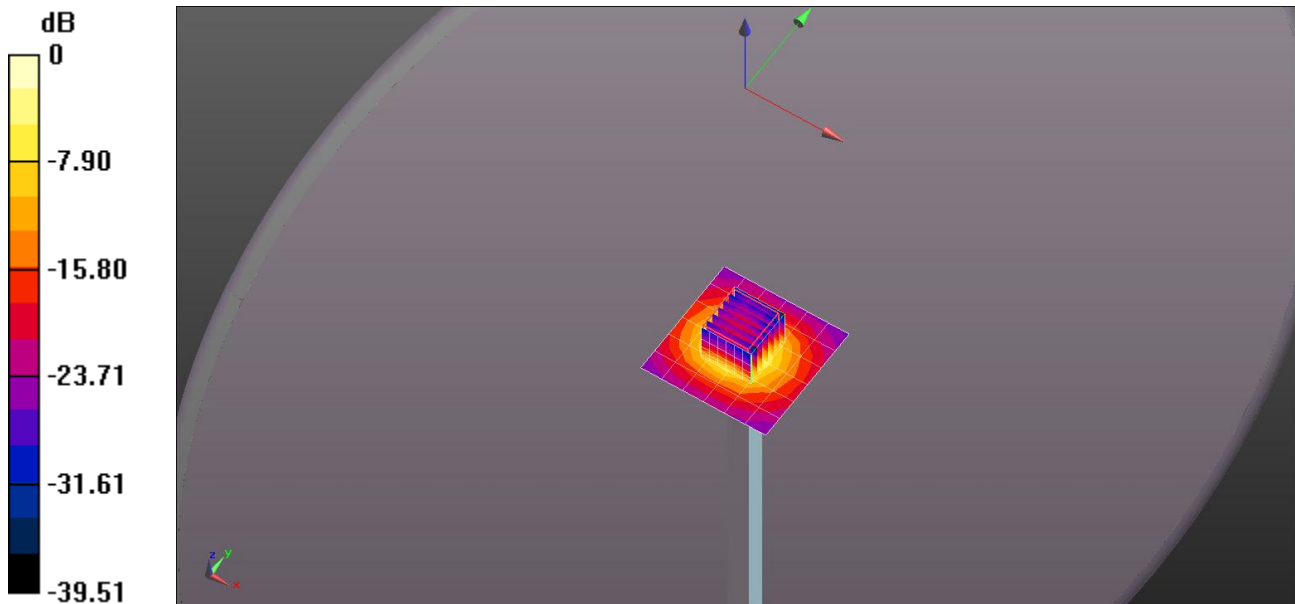
dy=4mm, dz=1.4mm

Reference Value = 41.03 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 29.2 W/kg

**SAR(1 g) = 7.53 W/kg; SAR(10 g) = 2.16 W/kg**

Maximum value of SAR (measured) = 18.8 W/kg



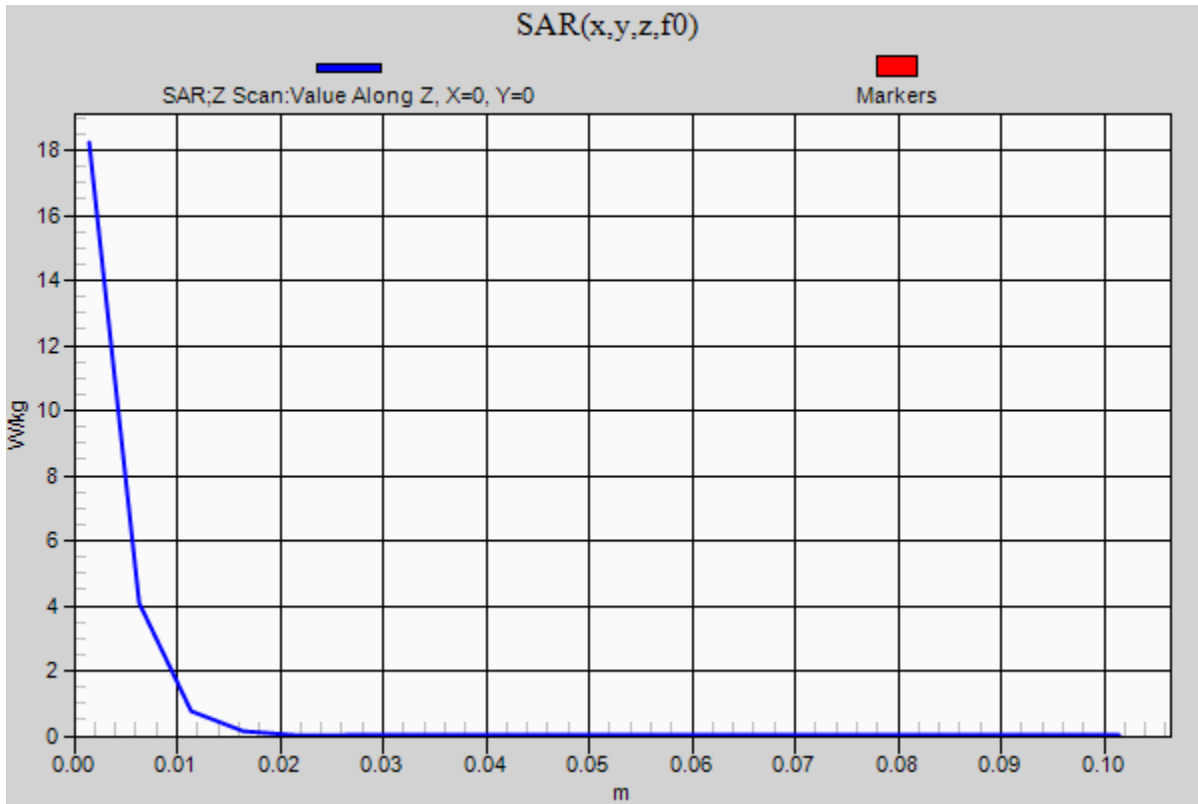
0 dB = 18.8 W/kg = 12.74 dBW/kg

### 20140822\_System check\_Diple5GHzv2 SN1004

Frequency: 5300 MHz; Duty Cycle: 1:1

**Body/5300MHz,Pin=100mW,d=10mm 2/Z Scan (1x1x21):** Measurement grid: dx=20mm, dy=20mm, dz=5mm

Maximum value of SAR (measured) = 18.2 W/kg





## 20140822\_System check\_Diple5GHzv2 SN1004

Frequency: 5600 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.5°C; Liquid Temperature: 24.0°C

Medium parameters used:  $f = 5600.5$  MHz;  $\sigma = 5.672$  S/m;  $\epsilon_r = 48.006$ ;  $\rho = 1000$  kg/m<sup>3</sup>

DASY5 Configuration:

- Area Scan Setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn877; Calibrated: 2014/03/26
- Probe: EX3DV4 - SN3665; ConvF(3.82, 3.82, 3.82); Calibrated: 2014/05/22;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1056

**Body/5600MHz,Pin=100mW,d=10mm/Area Scan (7x7x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 19.2 W/kg

**Body/5600MHz,Pin=100mW,d=10mm/Zoom Scan (7x7x6)/Cube 0:** Measurement grid: dx=4mm,

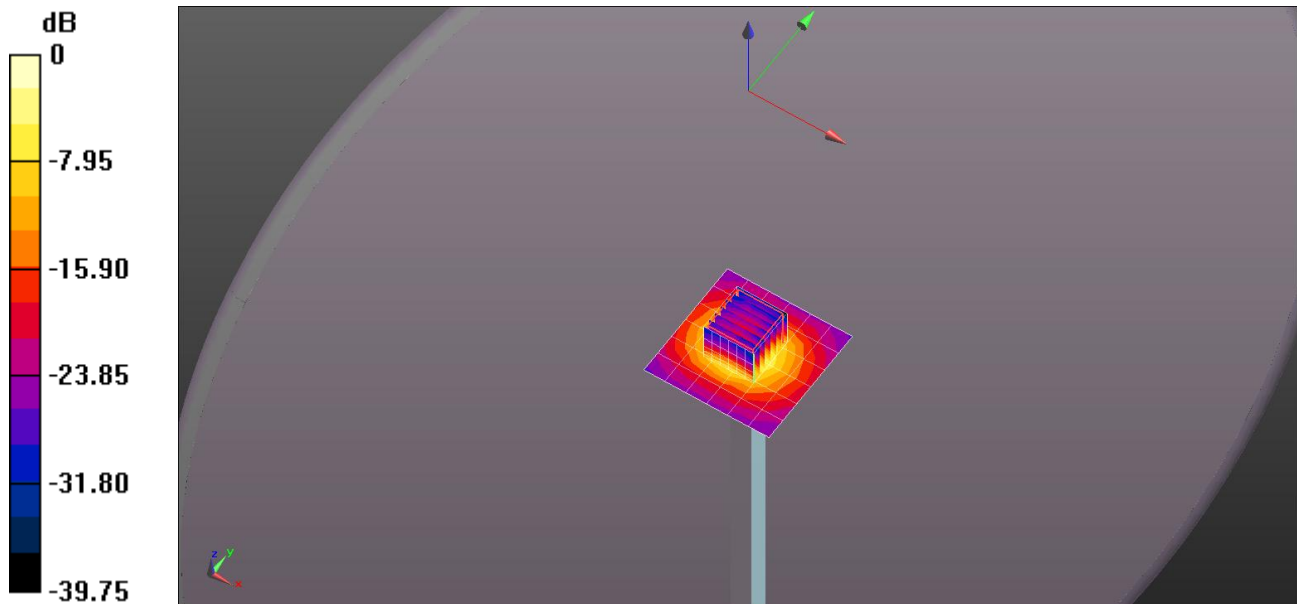
dy=4mm, dz=1.4mm

Reference Value = 40.18 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 33.3 W/kg

**SAR(1 g) = 7.92 W/kg; SAR(10 g) = 2.24 W/kg**

Maximum value of SAR (measured) = 20.6 W/kg



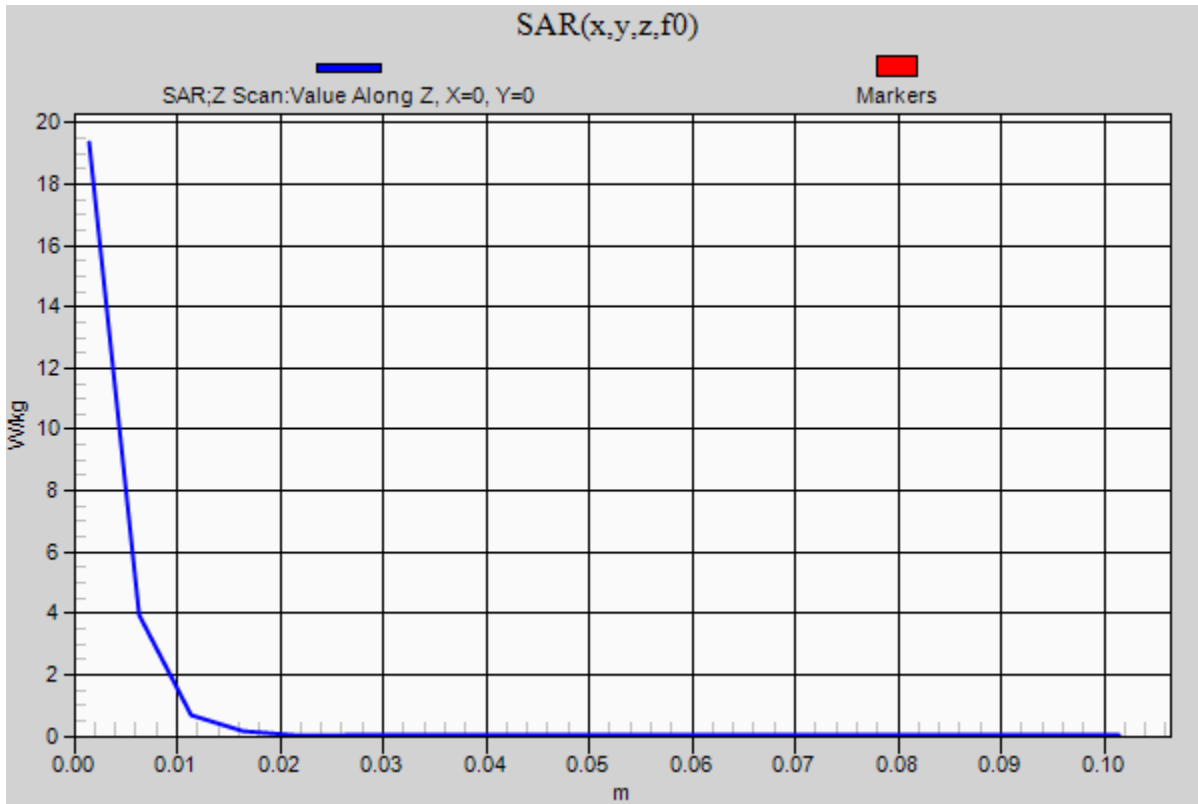
0 dB = 20.6 W/kg = 13.14 dBW/kg

### 20140822\_System check\_Diple5GHzv2 SN1004

Frequency: 5600 MHz; Duty Cycle: 1:1

**Body/5600MHz,Pin=100mW,d=10mm 3/Z Scan (1x1x21):** Measurement grid: dx=20mm, dy=20mm, dz=5mm

Maximum value of SAR (measured) = 19.4 W/kg



## 20140822\_System check\_Diple5GHzv2 SN1004

Frequency: 5800 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.5°C; Liquid Temperature: 24.0°C

Medium parameters used (interpolated):  $f = 5800$  MHz;  $\sigma = 5.906$  S/m;  $\epsilon_r = 47.714$ ;  $\rho = 1000$  kg/m<sup>3</sup>

DASY5 Configuration:

- Area Scan Setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn877; Calibrated: 2014/03/26
- Probe: EX3DV4 - SN3665; ConvF(4.22, 4.22, 4.22); Calibrated: 2014/05/22;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1056

**Body/5800MHz,Pin=100mW,d=10mm/Area Scan (7x7x1):** Measurement grid: dx=10mm, dy=10mm

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 20.9 W/kg

**Body/5800MHz,Pin=100mW,d=10mm/Zoom Scan (7x7x6)/Cube 0:** Measurement grid: dx=4mm,

dy=4mm, dz=1.4mm

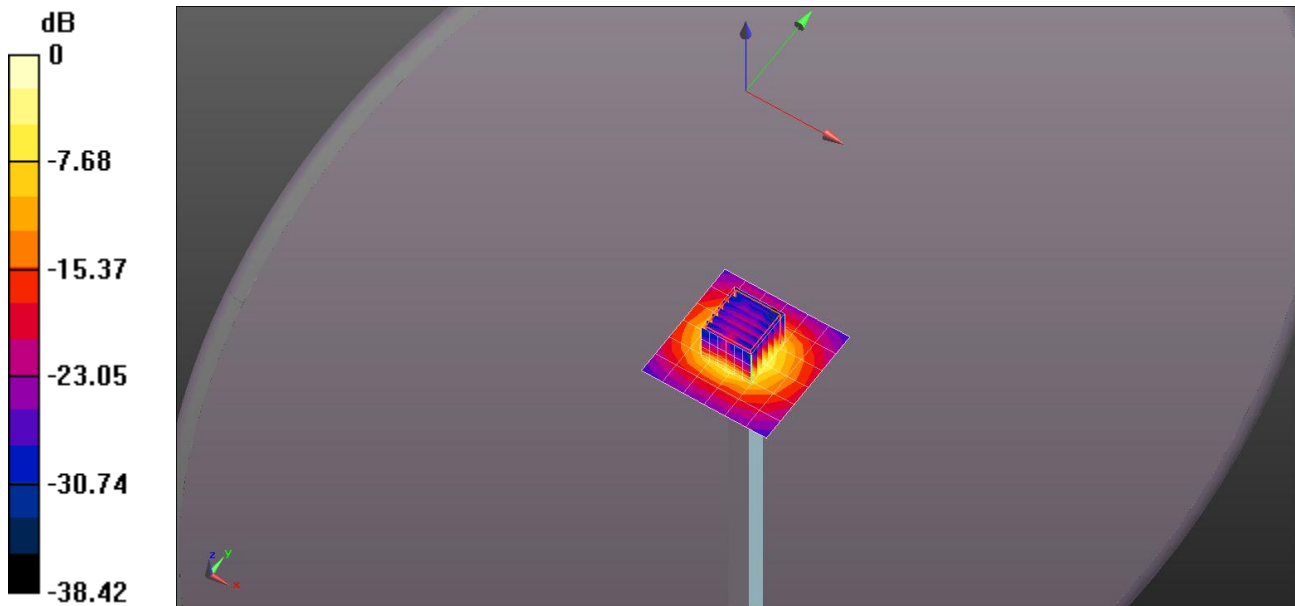
Reference Value = 39.68 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 32.3 W/kg

**SAR(1 g) = 7.27 W/kg; SAR(10 g) = 2.07 W/kg**

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 19.3 W/kg



0 dB = 19.3 W/kg = 12.86 dBW/kg

### 20140822\_System check\_Diple5GHzv2 SN1004

Frequency: 5800 MHz; Duty Cycle: 1:1

**Body/5800MHz,Pin=100mW,d=10mm/Z Scan (1x1x21):** Measurement grid: dx=20mm, dy=20mm, dz=5mm

Info: [Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 18.0 W/kg

