

## 20131002\_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;  $\sigma = 5.13$  S/m;  $\epsilon_r = 48.64$ ;  $\rho = 1000$  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: 2013/03/12
- Probe: EX3DV4 - SN3665; ConvF(4.44, 4.44, 4.44); Calibrated: 2013/05/07;
- 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/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) = 17.5 W/kg

**Body/5200MHz,Pin=100mW,d=10mm/Zoom Scan (8x8x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 64.584 V/m; Power Drift = 0.00 dB

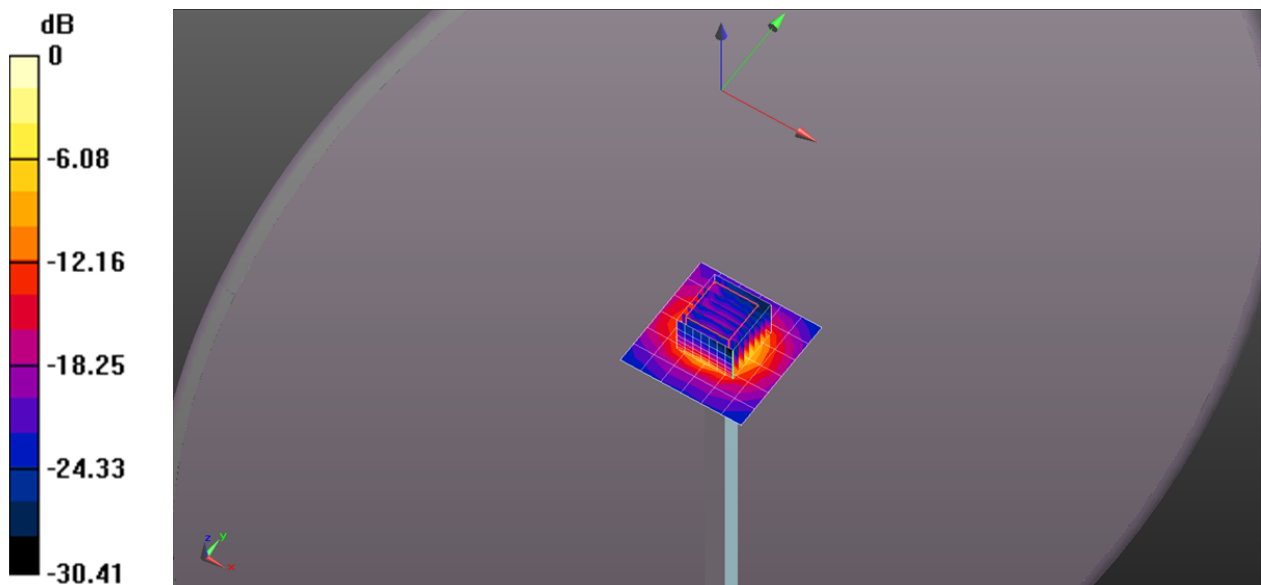
Peak SAR (extrapolated) = 27.4 W/kg

Peak SAR (extrapolated) = 27.4 W/kg

**SAR(1 g) = 6.86 W/kg; SAR(10 g) = 1.98 W/kg**

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

Maximum value of SAR (measured) = 16.4 W/kg



0 dB = 16.4 W/kg = 12.15 dBW/kg

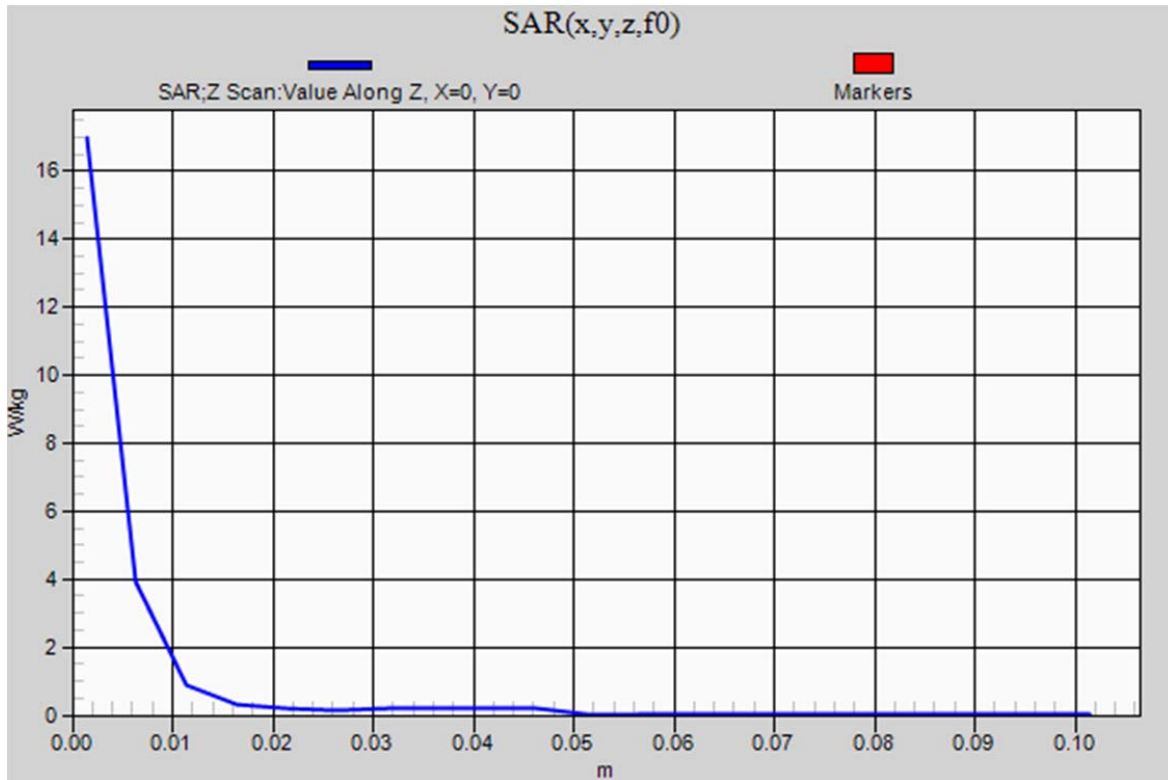
### 20131002\_System check\_Diple5GHzv2 SN1004

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) = 17.0 W/kg



## 20131003\_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;  $\sigma = 5.057$  S/m;  $\epsilon_r = 46.948$ ;  $\rho = 1000$  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: 2013/03/12
- Probe: EX3DV4 - SN3665; ConvF(4.44, 4.44, 4.44); Calibrated: 2013/05/07;
- 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) = 14.9 W/kg

**Body/5200MHz,Pin=100mW,d=10mm/Zoom Scan (8x8x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

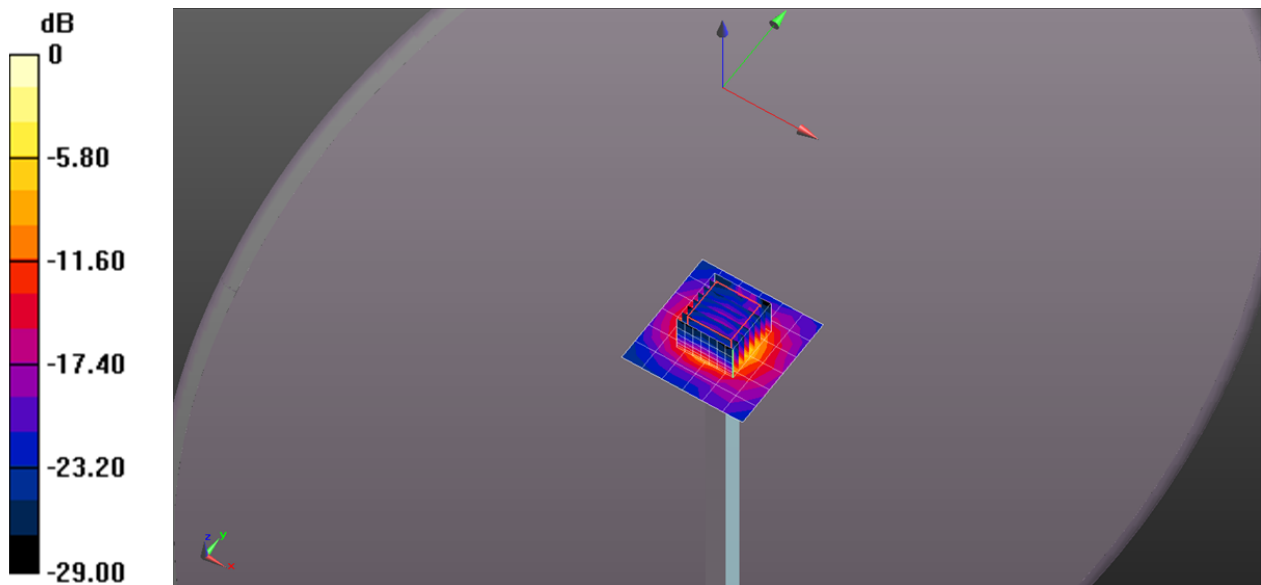
Reference Value = 61.070 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 28.3 W/kg

**SAR(1 g) = 7.05 W/kg; SAR(10 g) = 2.02 W/kg**

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

Maximum value of SAR (measured) = 16.1 W/kg



0 dB = 16.1 W/kg = 12.07 dBW/kg

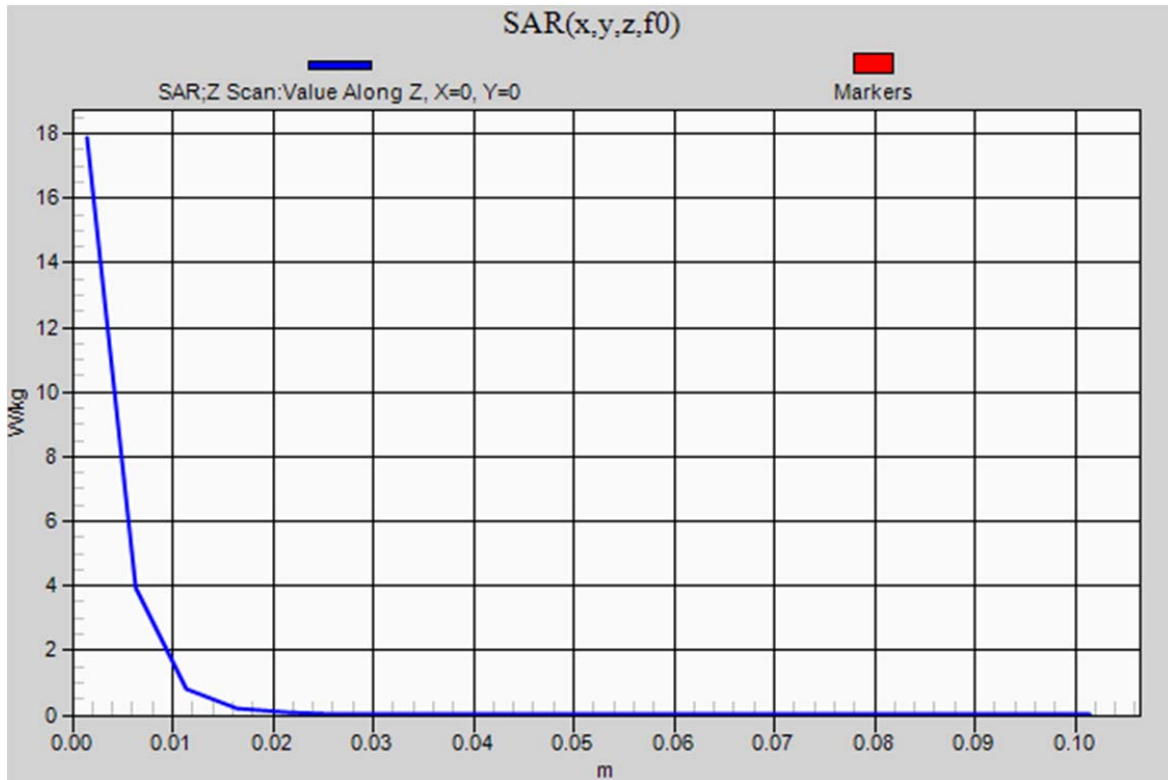
### 20131003\_System check\_Diple5GHzv2 SN1004

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) = 17.9 W/kg



## 20131016\_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;  $\sigma = 5.787$  S/m;  $\epsilon_r = 46.159$ ;  $\rho = 1000$  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: 2013/03/12
- Probe: EX3DV4 - SN3665; ConvF(4.38, 4.38, 4.38); Calibrated: 2013/05/07;
- 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 (8x8x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

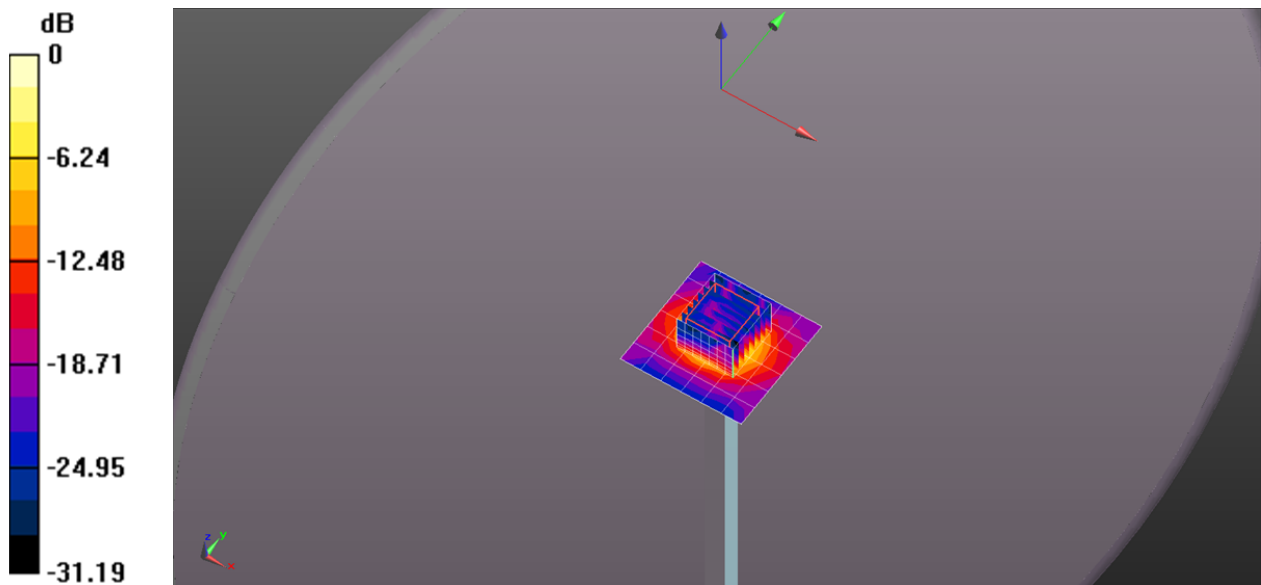
Reference Value = 63.869 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 33.9 W/kg

**SAR(1 g) = 7.21 W/kg; SAR(10 g) = 2.06 W/kg**

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

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



0 dB = 18.2 W/kg = 12.60 dBW/kg

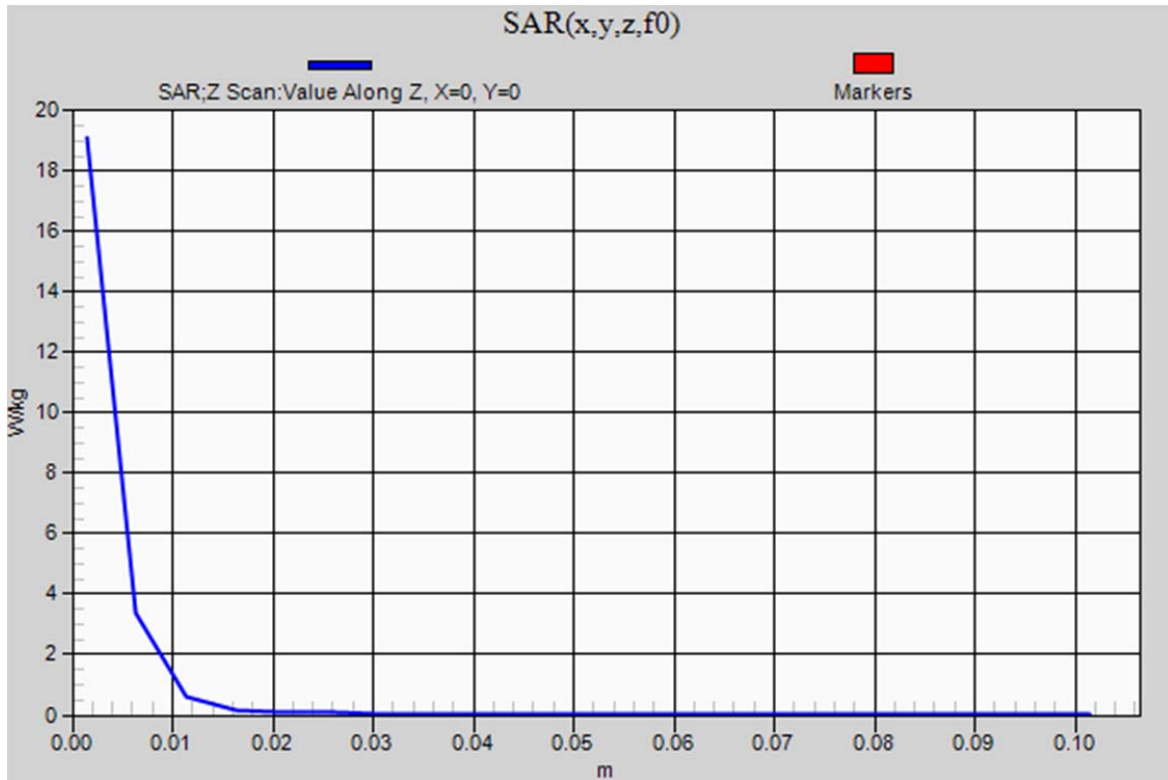
### 20131016\_System check\_Diple5GHzv2 SN1004

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) = 19.1 W/kg



## 20131017\_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;  $\sigma = 6.004$  S/m;  $\epsilon_r = 46.902$ ;  $\rho = 1000$  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: 2013/03/12
- Probe: EX3DV4 - SN3665; ConvF(4.38, 4.38, 4.38); Calibrated: 2013/05/07;
- 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) = 19.4 W/kg

**Body/5800MHz,Pin=100mW,d=10mm/Zoom Scan (8x8x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

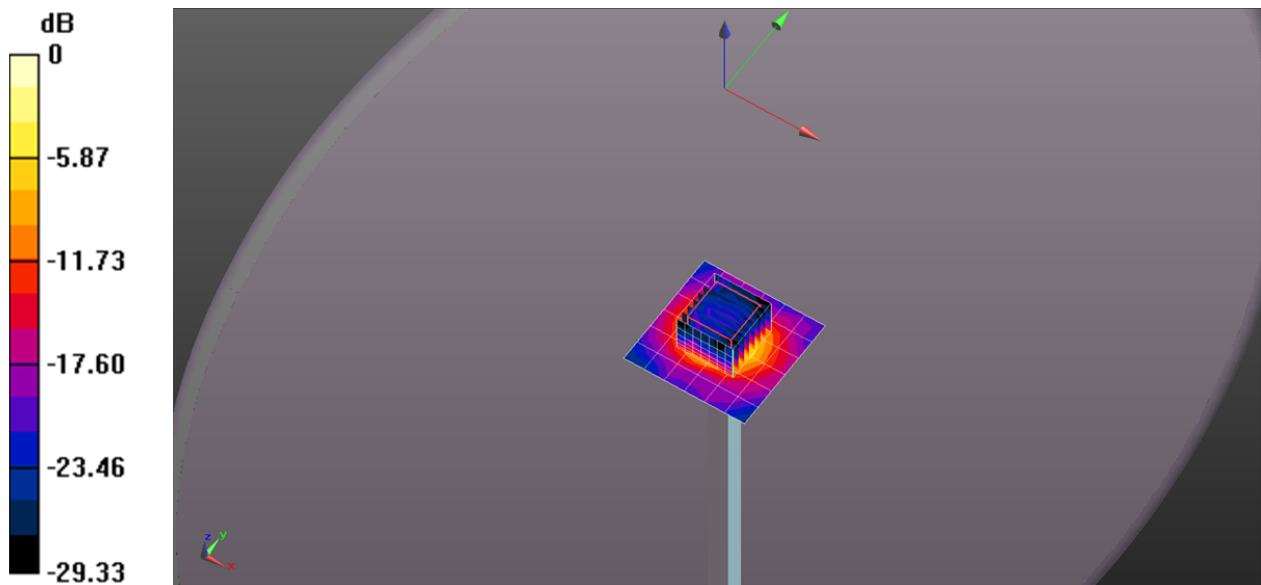
Reference Value = 64.310 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 34.6 W/kg

**SAR(1 g) = 7.45 W/kg; SAR(10 g) = 2.12 W/kg**

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

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



0 dB = 18.2 W/kg = 12.60 dBW/kg

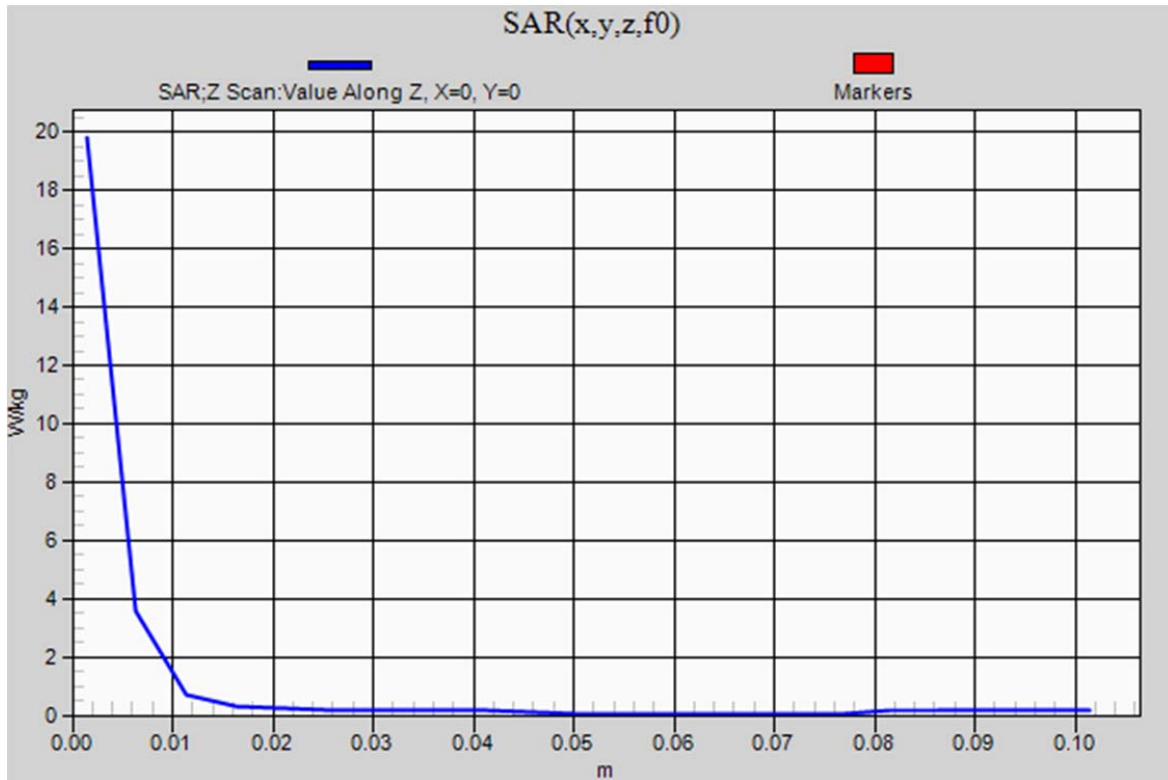
### 20131017\_System check\_Diple5GHzv2 SN1004

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) = 19.8 W/kg





## 20131021\_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;  $\sigma = 5.999$  S/m;  $\epsilon_r = 46.807$ ;  $\rho = 1000$  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: 2013/03/12
- Probe: EX3DV4 - SN3665; ConvF(4.38, 4.38, 4.38); Calibrated: 2013/05/07;
- 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) = 19.5 W/kg

**Body/5800MHz,Pin=100mW,d=10mm/Zoom Scan (8x8x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

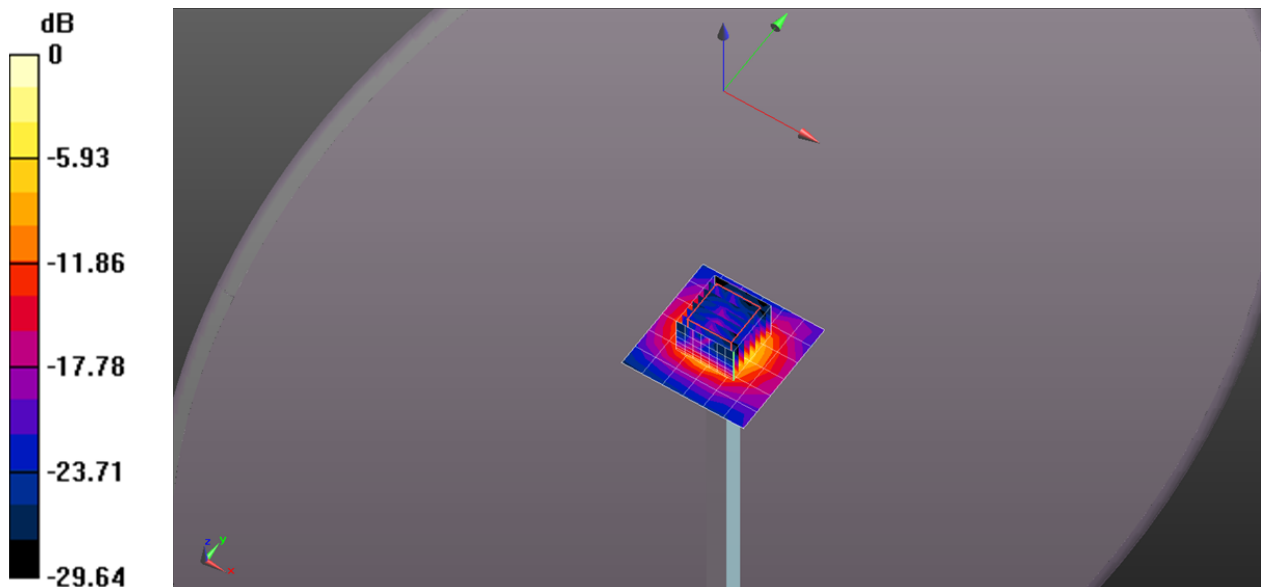
Reference Value = 66.927 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 35.5 W/kg

**SAR(1 g) = 7.65 W/kg; SAR(10 g) = 2.13 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

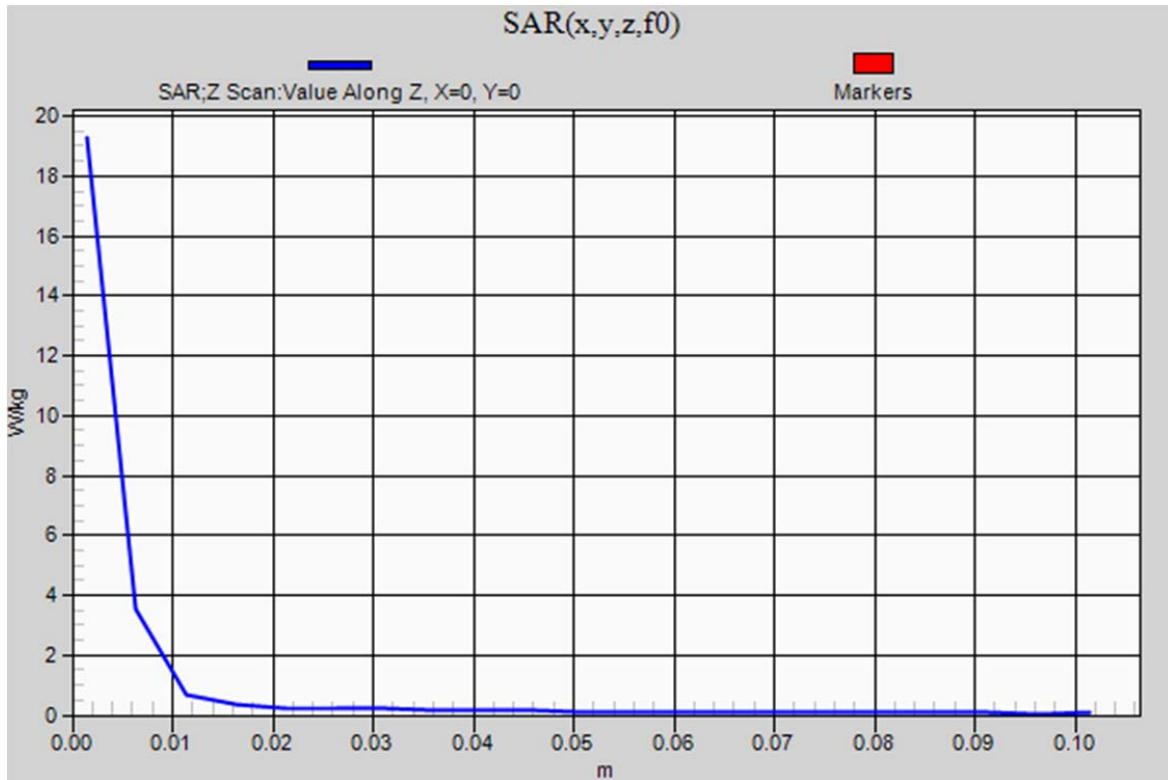
### 20131021\_System check\_Diple5GHzv2 SN1004

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) = 19.3 W/kg



## 20131023\_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;  $\sigma = 1.92$  S/m;  $\epsilon_r = 54.309$ ;  $\rho = 1000$  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: 2013/03/12
- Probe: EX3DV4 - SN3665; ConvF(7.4, 7.4, 7.4); Calibrated: 2013/05/07;
- 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) = 8.16 W/kg

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

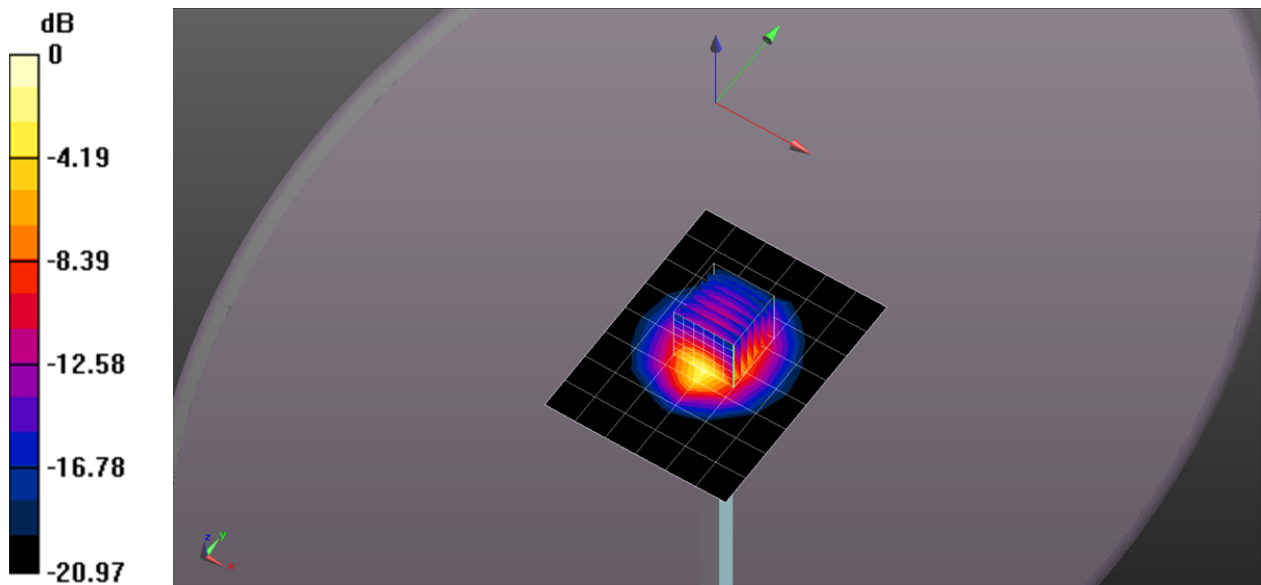
Reference Value = 67.427 V/m; Power Drift = -0.00 dB

Peak SAR (extrapolated) = 10.2 W/kg

**SAR(1 g) = 5.09 W/kg; SAR(10 g) = 2.43 W/kg**

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

Maximum value of SAR (measured) = 8.24 W/kg



0 dB = 8.24 W/kg = 9.16 dBW/kg

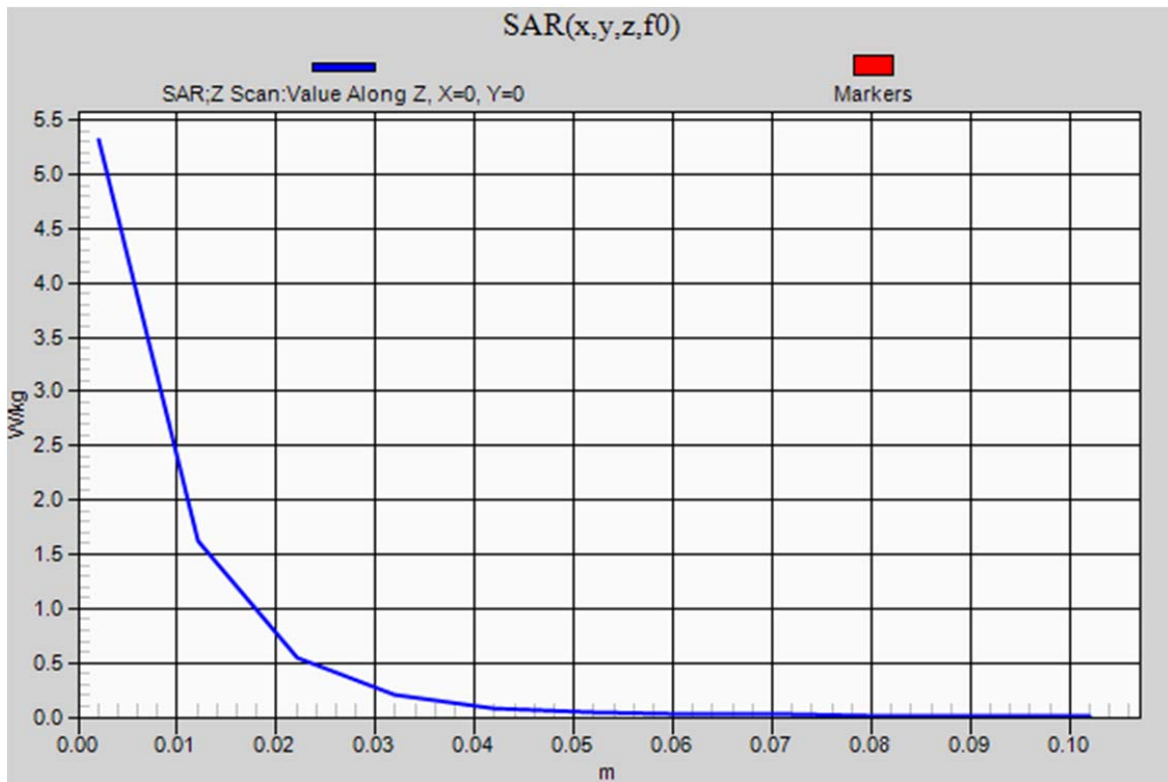
### 20131023\_System check\_Diple2450v2 SN728

Frequency: 2450 MHz; Duty Cycle: 1:1

**Body/Pin=100mW, d=10mm/Z Scan (1x1x11):** Measurement grid: dx=20mm, dy=20mm, dz=10mm

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

Maximum value of SAR (measured) = 5.32 W/kg



## 20131024\_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;  $\sigma = 1.875$  S/m;  $\epsilon_r = 53.365$ ;  $\rho = 1000$  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: 2013/03/12
- Probe: EX3DV4 - SN3665; ConvF(7.4, 7.4, 7.4); Calibrated: 2013/05/07;
- 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) = 7.90 W/kg

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

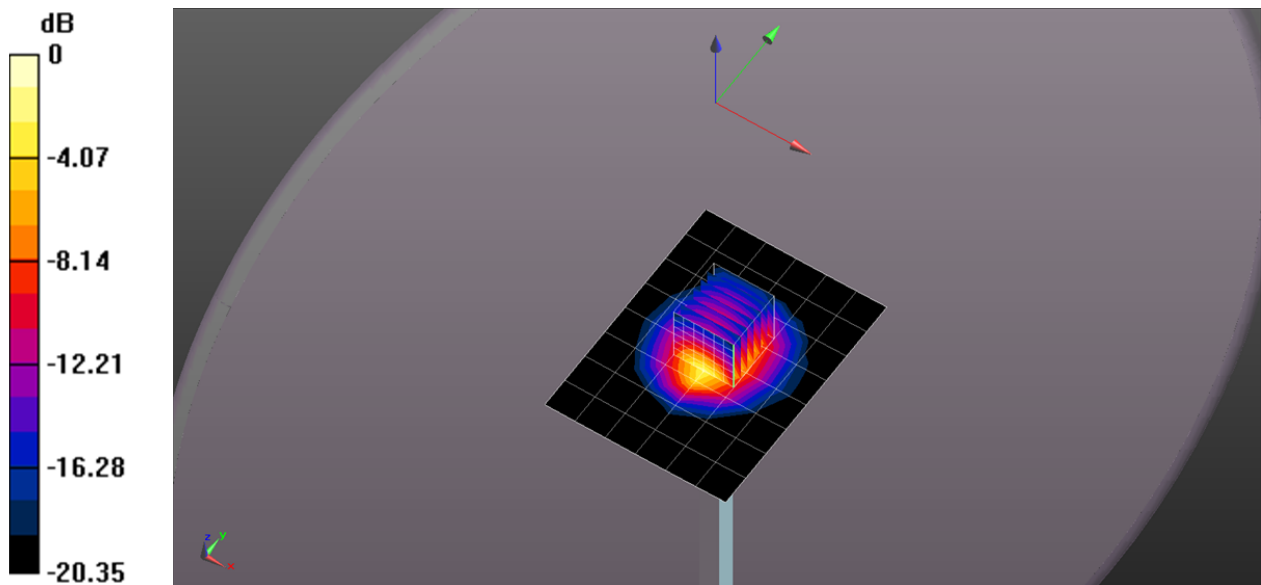
Reference Value = 66.448 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 9.98 W/kg

**SAR(1 g) = 4.99 W/kg; SAR(10 g) = 2.39 W/kg**

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

Maximum value of SAR (measured) = 8.06 W/kg



0 dB = 8.06 W/kg = 9.06 dBW/kg

### 20131024\_System check\_Diple2450v2 SN728

Frequency: 2450 MHz; Duty Cycle: 1:1

**Body/Pin=100mW, d=10mm/Z Scan (1x1x11):** Measurement grid: dx=20mm, dy=20mm, dz=10mm

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

Maximum value of SAR (measured) = 7.91 W/kg

