

## 20130219\_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):  $f = 5200 \text{ MHz}$ ;  $\sigma = 5.151 \text{ S/m}$ ;  $\epsilon_r = 51.408$ ;  $\rho = 1000 \text{ kg/m}^3$

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: 2012/03/16
- Probe: EX3DV4 - SN3665; ConvF(4.26, 4.26, 4.26); Calibrated: 2012/04/27;
- 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) = 22.6 W/kg

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

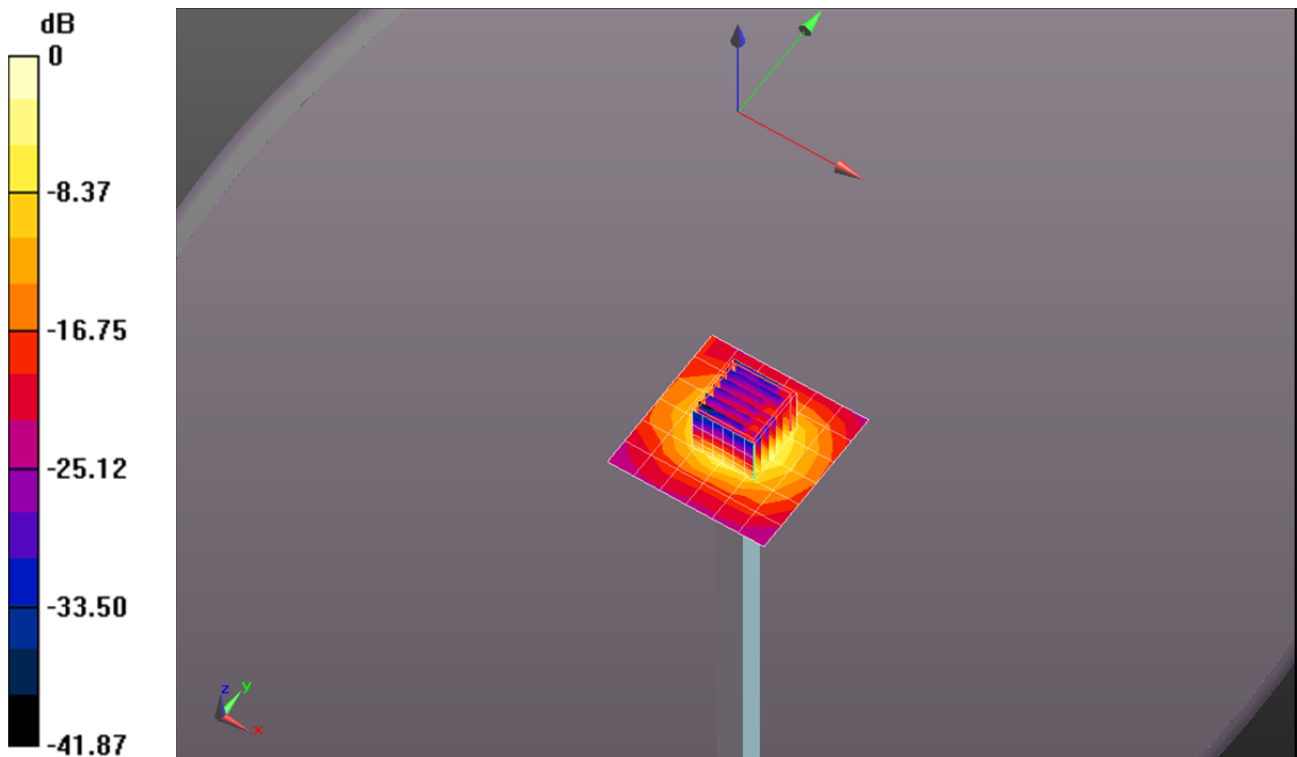
Reference Value = 46.717 V/m; Power Drift = -0.16 dB

Peak SAR (extrapolated) = 27.8 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) = 18.3 W/kg



0 dB = 18.3 W/kg = 12.62 dBW/kg

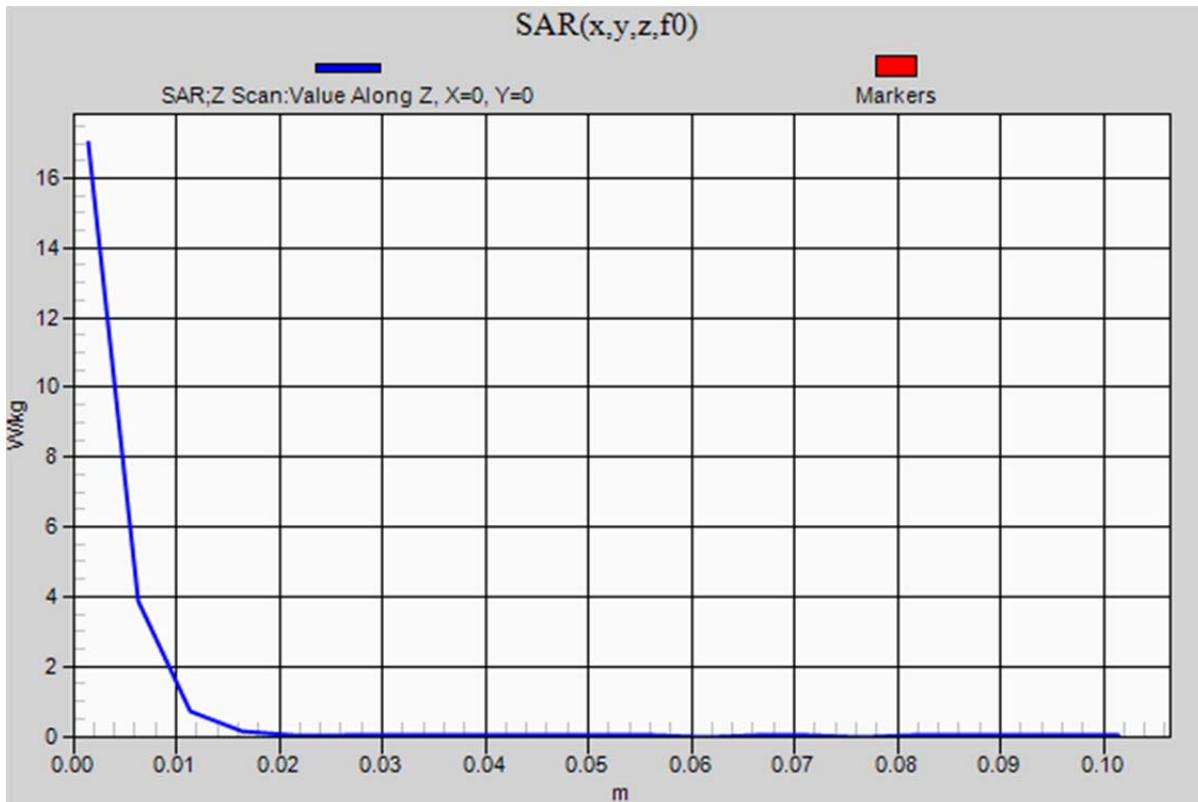
### 20130219\_System check\_Diple5GHzv2 SN1004

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



## 20130219\_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:  $f = 5300.2$  MHz;  $\sigma = 5.275$  S/m;  $\epsilon_r = 51.241$ ;  $\rho = 1000$  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: 2012/03/16
- Probe: EX3DV4 - SN3665; ConvF(4.01, 4.01, 4.01); Calibrated: 2012/04/27;
- 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) = 16.2 W/kg

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

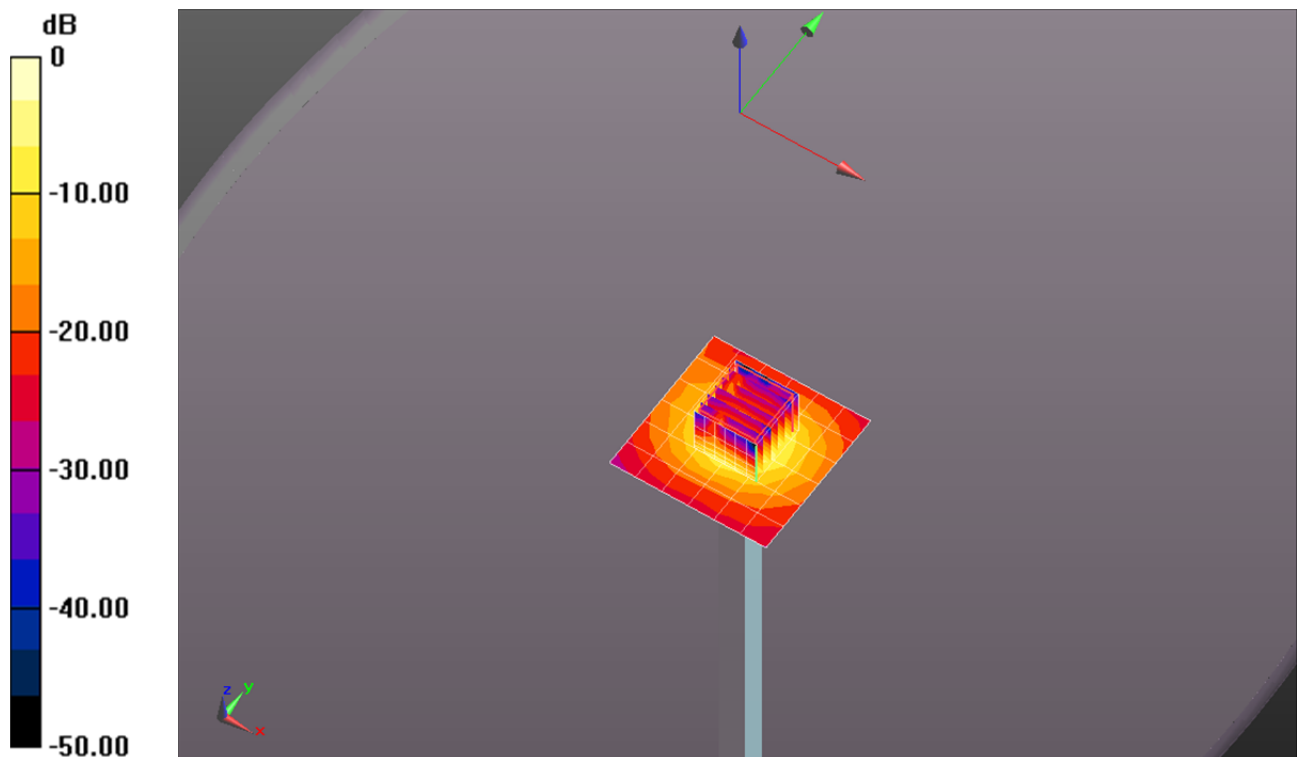
Reference Value = 39.466 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 28.1 W/kg

Peak SAR (extrapolated) = 28.1 W/kg

**SAR(1 g) = 7.42 W/kg; SAR(10 g) = 2.11 W/kg**

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



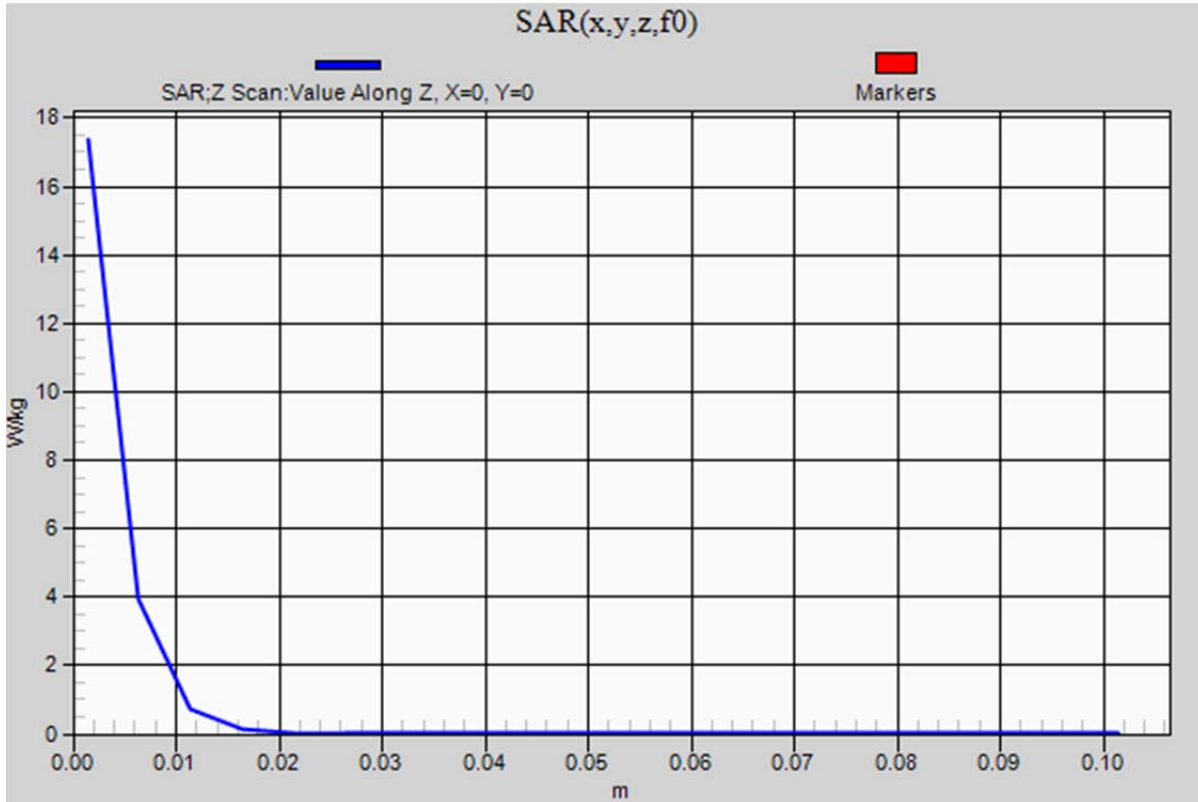
0 dB = 18.8 W/kg = 12.74 dBW/kg

### 20130219\_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) = 17.4 W/kg



## 20130220\_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;  $\sigma = 5.896$  S/m;  $\epsilon_r = 48.62$ ;  $\rho = 1000$  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: 2012/03/16
- Probe: EX3DV4 - SN3665; ConvF(3.41, 3.41, 3.41); Calibrated: 2012/04/27;
- 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) = 19.7 W/kg

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

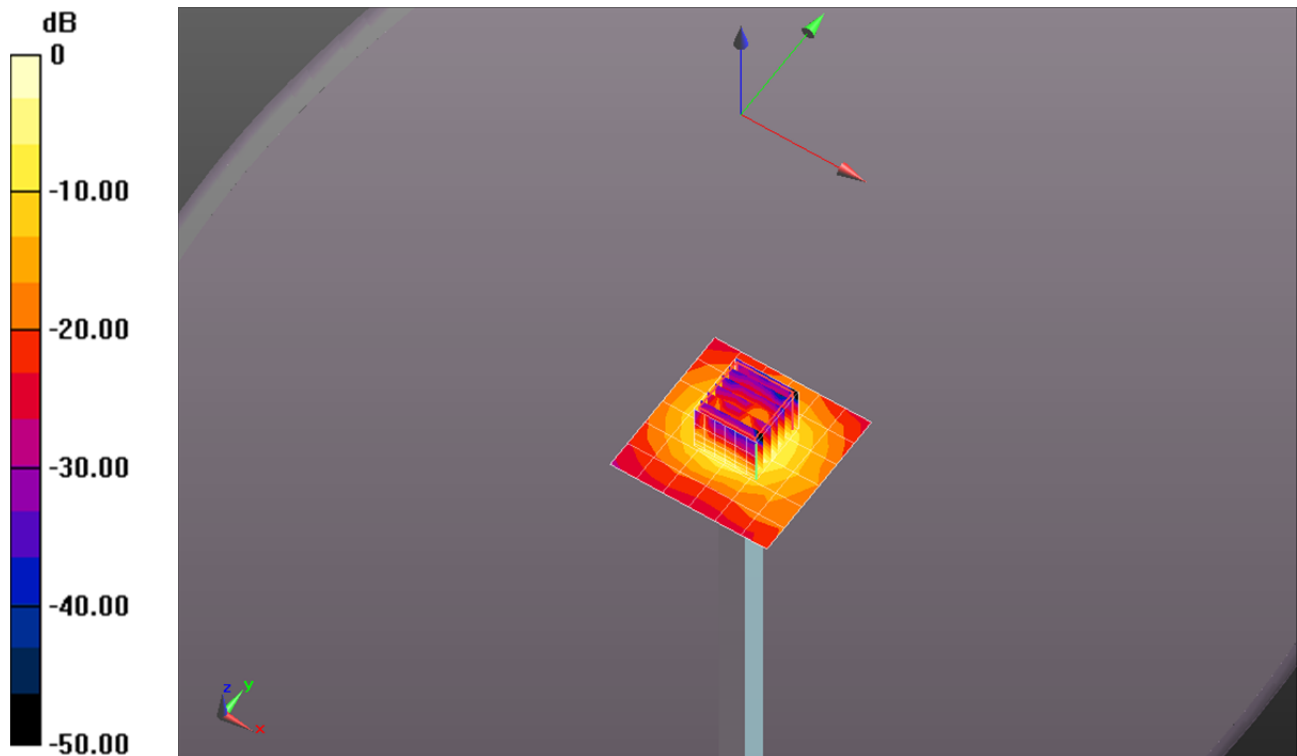
dy=4mm, dz=1.4mm

Reference Value = 46.837 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 30.2 W/kg

**SAR(1 g) = 7.79 W/kg; SAR(10 g) = 2.19 W/kg**

Maximum value of SAR (measured) = 20.1 W/kg



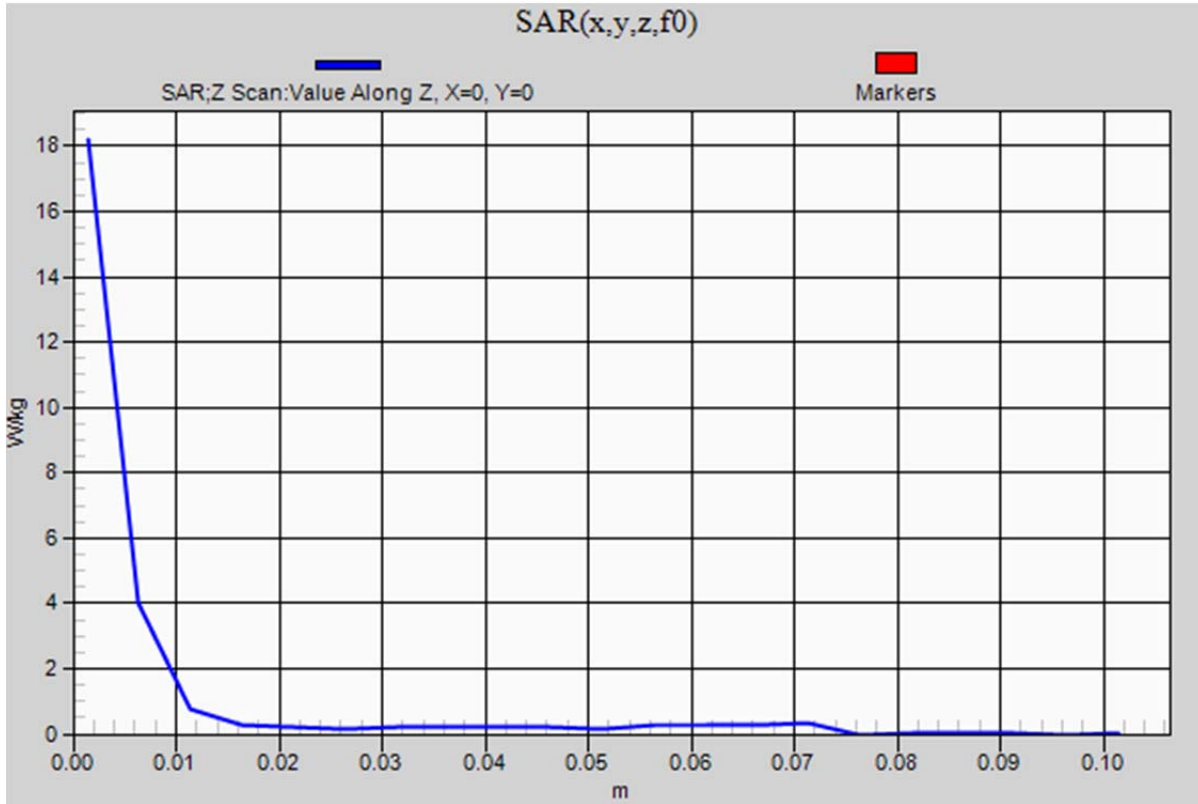
0 dB = 20.1 W/kg = 13.03 dBW/kg

### 20130220\_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) = 18.2 W/kg



## 20130221\_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;  $\sigma = 6.244$  S/m;  $\epsilon_r = 48.225$ ;  $\rho = 1000$  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: 2012/03/16
- Probe: EX3DV4 - SN3665; ConvF(4.14, 4.14, 4.14); Calibrated: 2012/04/27;
- 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) = 21.9 W/kg

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

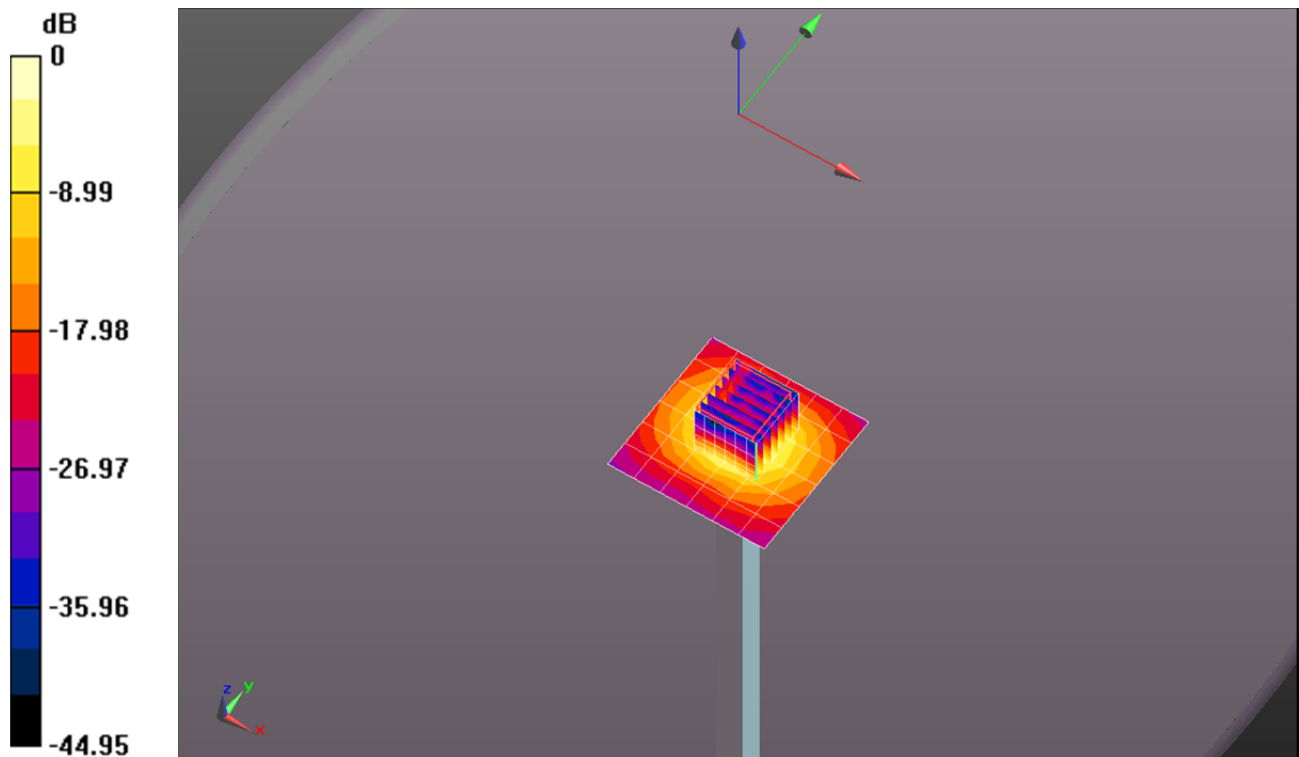
Reference Value = 40.307 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 31.5 W/kg

**SAR(1 g) = 7.39 W/kg; SAR(10 g) = 2.09 W/kg**

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

Maximum value of SAR (measured) = 19.5 W/kg



0 dB = 19.5 W/kg = 12.90 dBW/kg

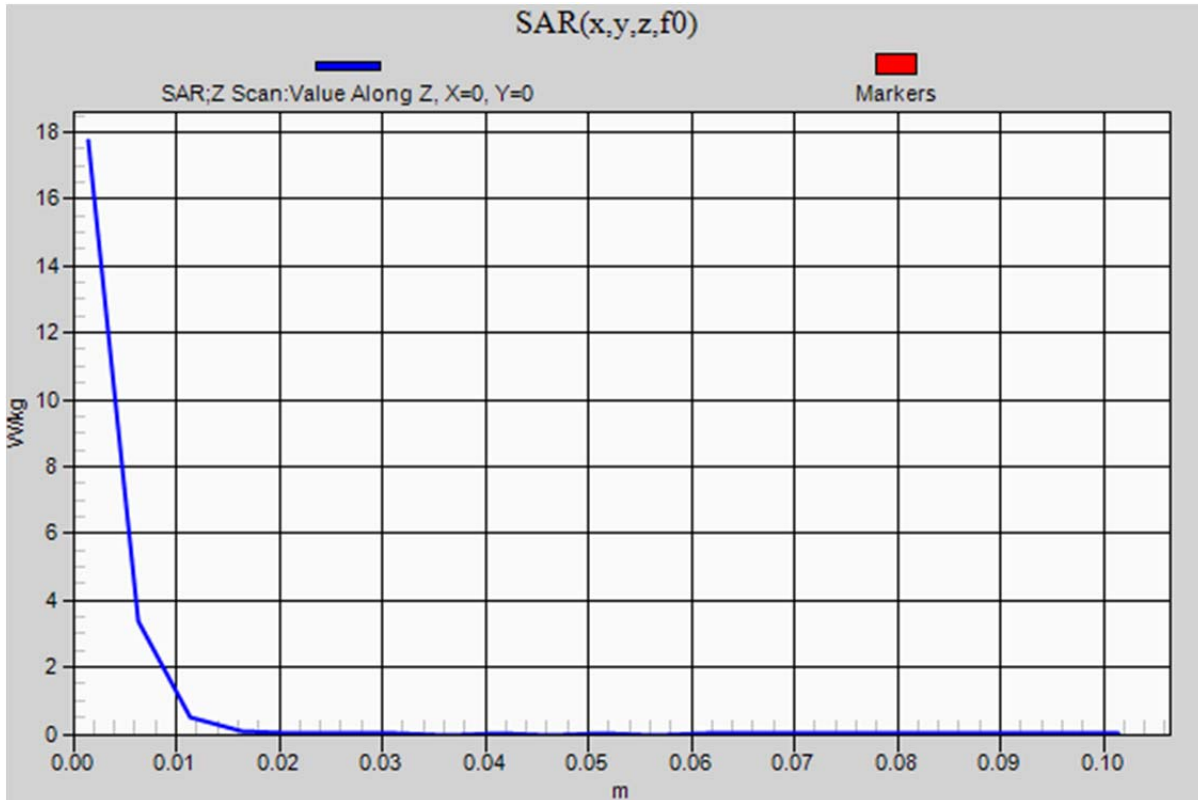
### 20130221\_System check\_Diple5GHzv2 SN1004

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) = 17.7 W/kg





## 20130222\_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;  $\sigma = 1.962$  S/m;  $\epsilon_r = 51.415$ ;  $\rho = 1000$  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: 2012/03/16
- Probe: EX3DV4 - SN3665; ConvF(7.11, 7.11, 7.11); Calibrated: 2012/04/27;
- 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) = 7.36 W/kg

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

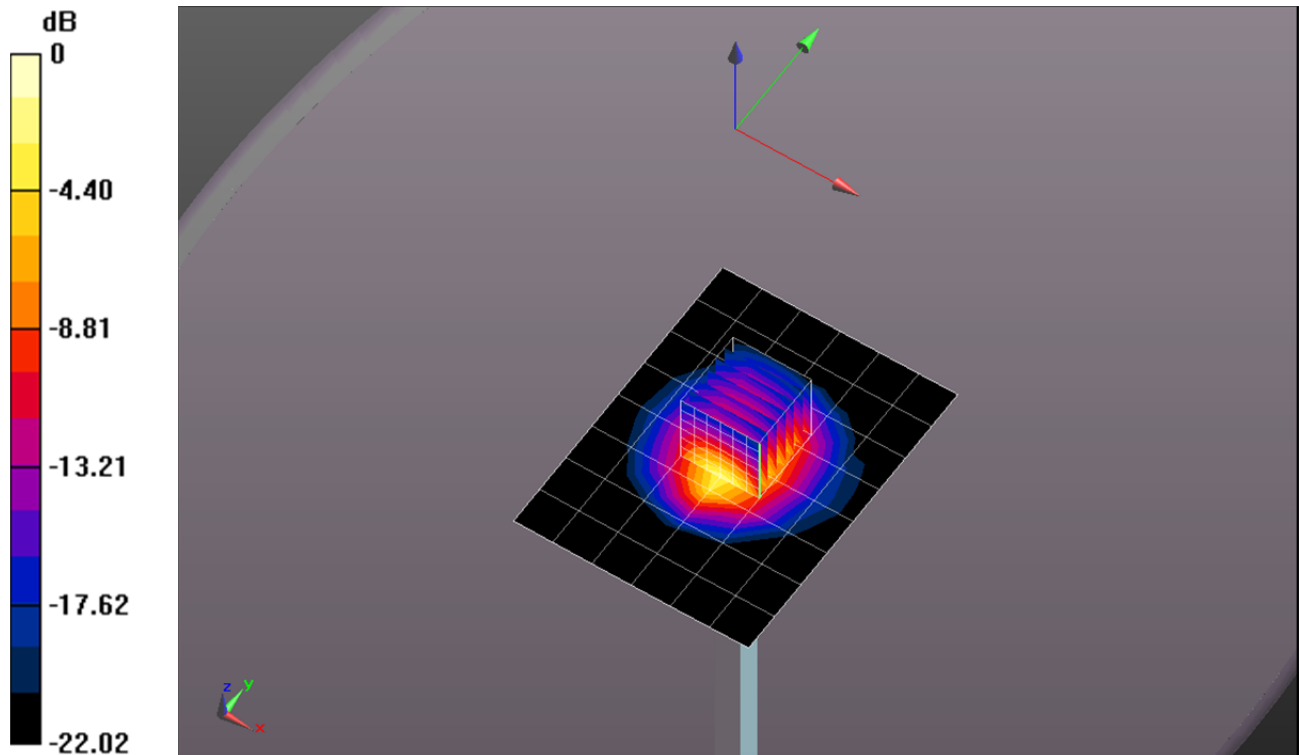
Reference Value = 63.107 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 10.7 W/kg

**SAR(1 g) = 5.17 W/kg; SAR(10 g) = 2.44 W/kg**

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

Maximum value of SAR (measured) = 8.56 W/kg



0 dB = 8.56 W/kg = 9.32 dBW/kg

### 20130222\_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) = 5.75 W/kg

