

**20180305\_System Check\_Diple1900v2 SN5d056**

Frequency: 1900 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.5°C

Medium parameters used (interpolated):  $f = 1900$  MHz;  $\sigma = 1.538$  S/m;  $\epsilon_r = 54.227$ ;  $\rho = 1000$  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: 2017/3/20
- Probe: EX3DV4 - SN3665; ConvF(8.01, 8.01, 8.01); Calibrated: 2017/5/24;
- 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.](#)

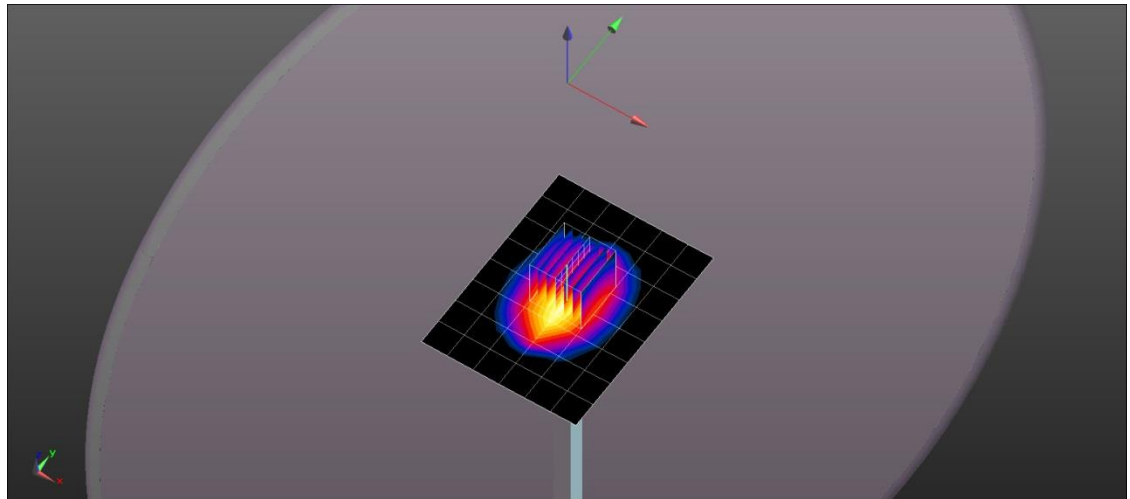
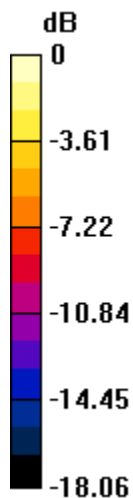
Maximum value of SAR (measured) = 6.30 W/kg

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

Reference Value = 66.20 V/m; Power Drift = -0.03 dB

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

Maximum value of SAR (measured) = 6.38 W/kg



0 dB = 6.38 W/kg = 8.05 dBW/kg

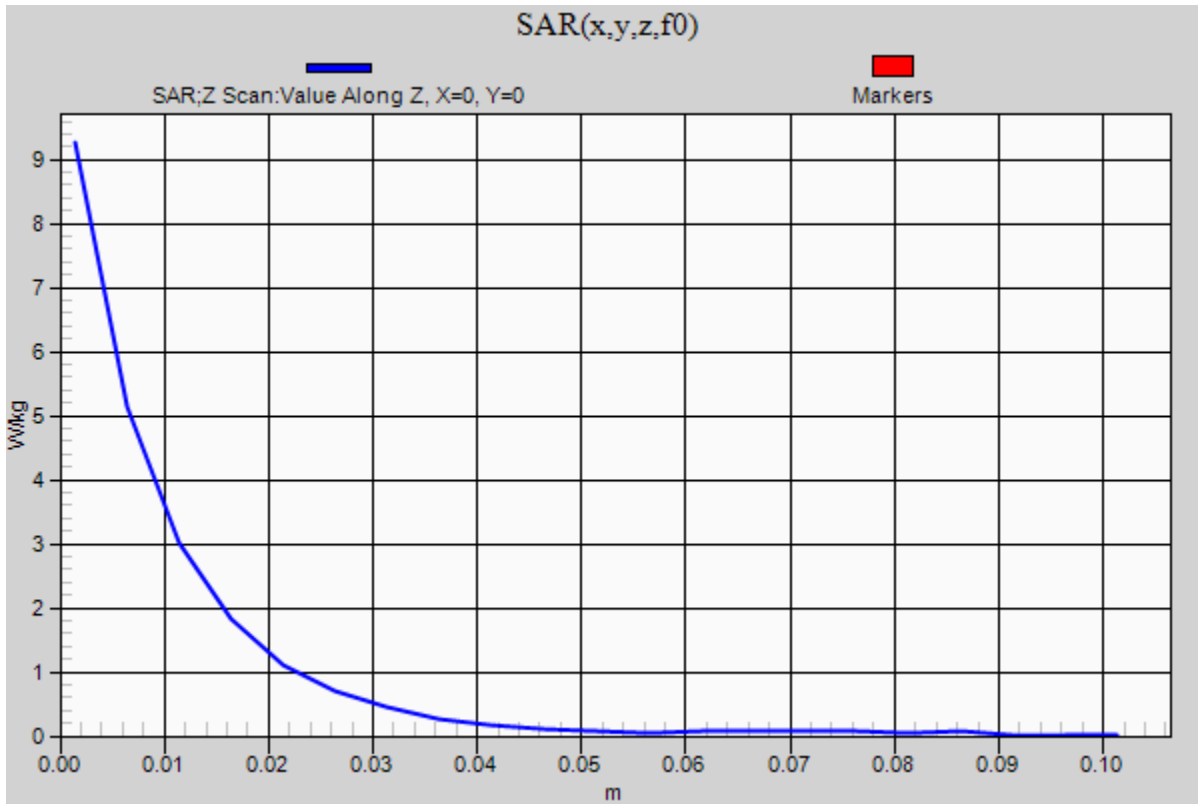
### 20180305\_System Check\_Diple1900v2 SN5d056

Frequency: 1900 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) = 9.26 W/kg



## 20180306\_System Check\_Diple1750v2 SN1023

Frequency: 1750 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.5°C

Medium parameters used (interpolated):  $f = 1750$  MHz;  $\sigma = 1.526$  S/m;  $\epsilon_r = 51.097$ ;  $\rho = 1000$  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: 2017/3/20
- Probe: EX3DV4 - SN3665; ConvF(8.29, 8.29, 8.29); Calibrated: 2017/5/24;
- 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) = 5.98 W/kg

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

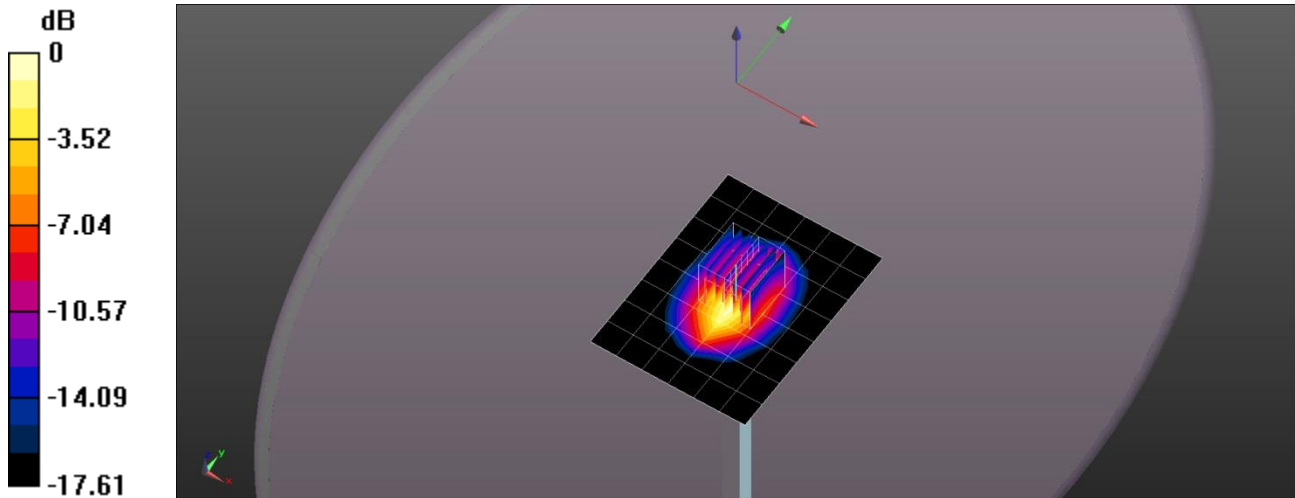
Reference Value = 64.92 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 6.80 W/kg

**SAR(1 g) = 3.71 W/kg; SAR(10 g) = 1.95 W/kg**

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

Maximum value of SAR (measured) = 5.71 W/kg



0 dB = 5.71 W/kg = 7.57 dBW/kg

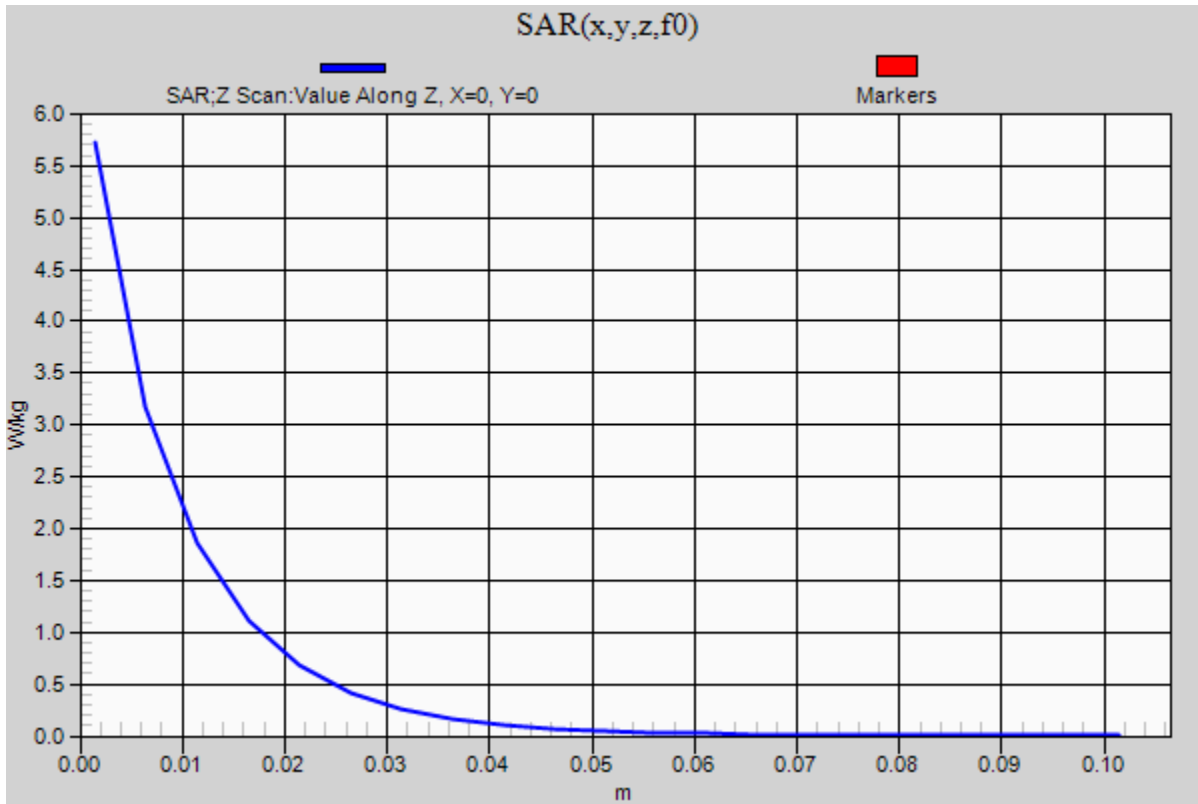
### 20180306\_System Check\_Diple1750v2 SN1023

Frequency: 1750 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) = 5.72 W/kg



## 20180307\_System check\_Diple835v2 SN4d015

Frequency: 835 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.5°C

Medium parameters used:  $f = 835.3$  MHz;  $\sigma = 0.985$  S/m;  $\epsilon_r = 55.078$ ;  $\rho = 1000$  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 Sn558; Calibrated: 2017/7/24
- Probe: EX3DV4 - SN3665; ConvF(10, 10, 10); Calibrated: 2017/5/24;
- 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/Pin=100mW, d=15mm/Area Scan (8x13x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 1.16 W/kg

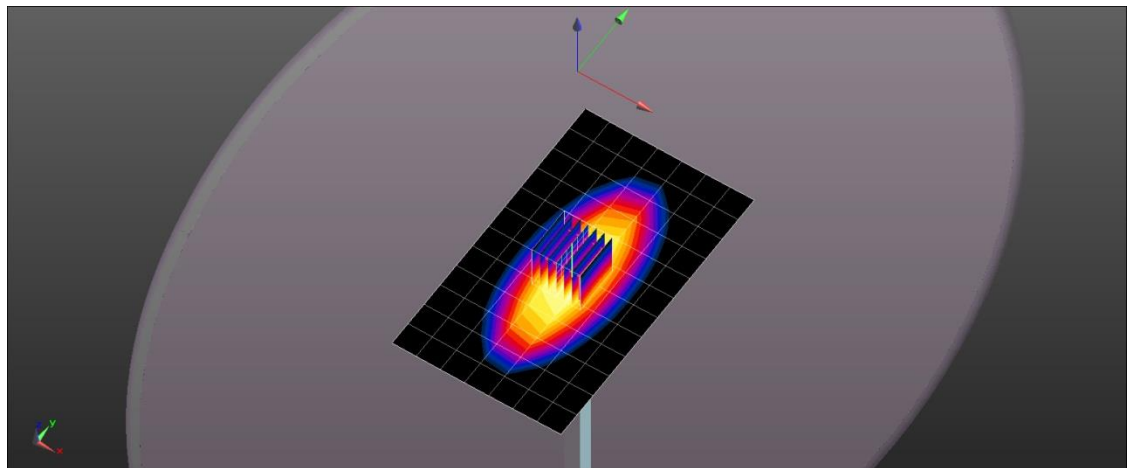
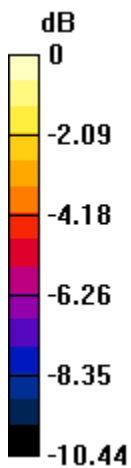
**Body/Pin=100mW, d=15mm/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 37.11 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 1.42 W/kg

**SAR(1 g) = 0.932 W/kg; SAR(10 g) = 0.612 W/kg**

Maximum value of SAR (measured) = 1.25 W/kg

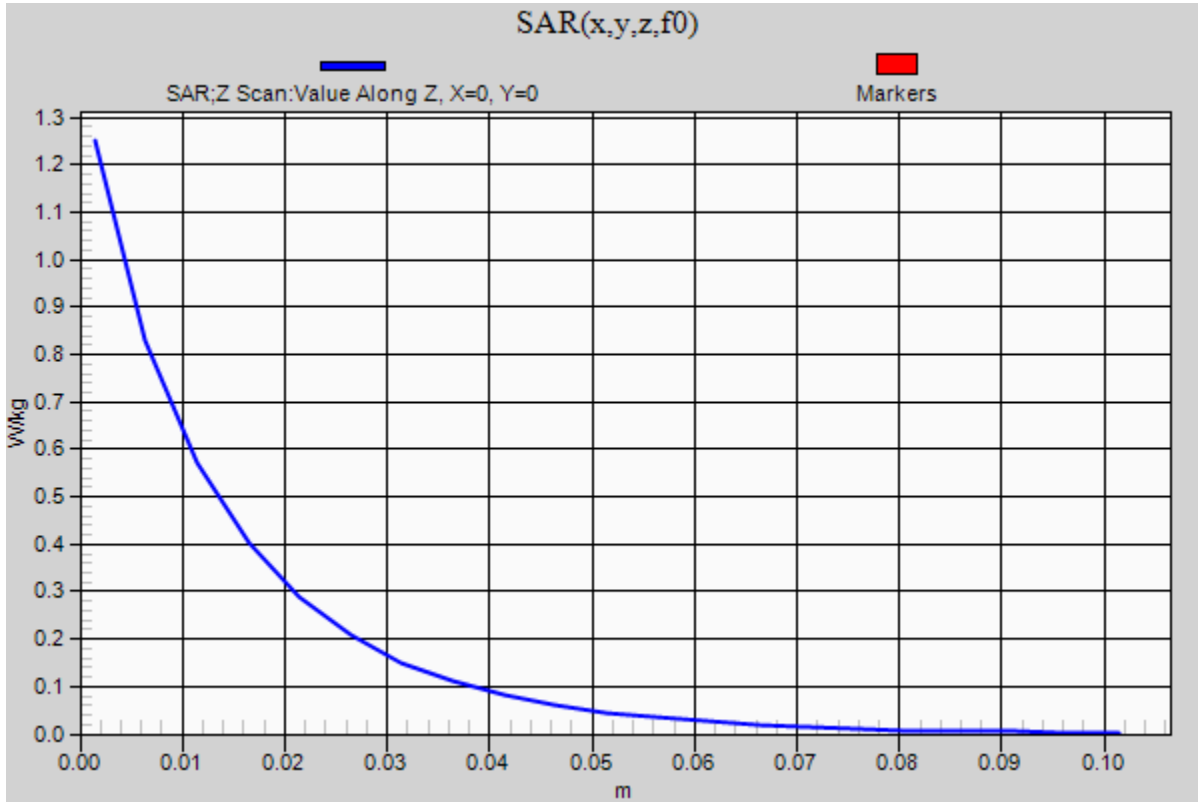


0 dB = 1.25 W/kg = 0.97 dBW/kg

### 20180307\_System check\_Diple835v2 SN4d015

Frequency: 835 MHz; Duty Cycle: 1:1

**Body/Pin=100mW, d=15mm/Z Scan (1x1x21):** Measurement grid: dx=20mm, dy=20mm, dz=5mm  
Maximum value of SAR (measured) = 1.25 W/kg



**20180308\_System check\_Diple750v3 SN1020**

Frequency: 750 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.5°C

Medium parameters used (interpolated):  $f = 750$  MHz;  $\sigma = 0.99$  S/m;  $\epsilon_r = 52.81$ ;  $\rho = 1000$  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 Sn558; Calibrated: 2017/7/24
- Probe: EX3DV4 - SN3665; ConvF(10.07, 10.07, 10.07); Calibrated: 2017/5/24;
- 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/Pin=100mW, d=15mm/Area Scan (7x15x1):** Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 1.12 W/kg

**Body/Pin=100mW, d=15mm/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

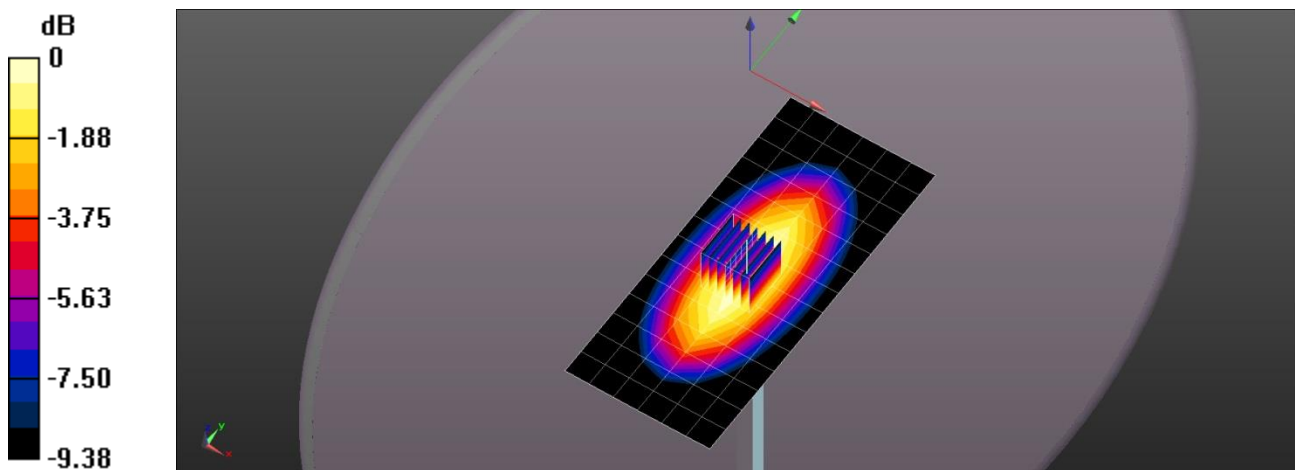
Reference Value = 35.73 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 1.26 W/kg

**SAR(1 g) = 0.849 W/kg; SAR(10 g) = 0.589 W/kg**

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

Maximum value of SAR (measured) = 1.11 W/kg



0 dB = 1.11 W/kg = 0.45 dBW/kg

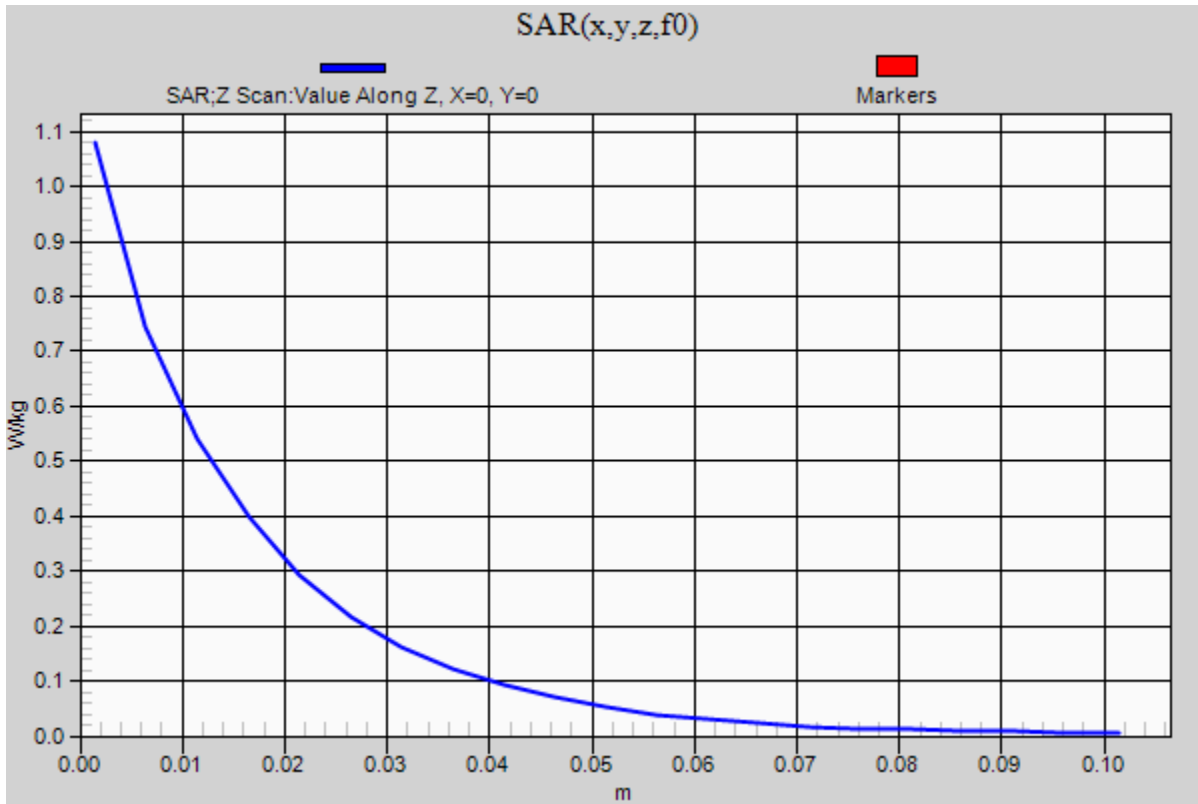
### 20180308\_System check\_Diple750v3 SN1020

Frequency: 750 MHz; Duty Cycle: 1:1

**Body/Pin=100mW, d=15mm/Z Scan (1x1x21):** Measurement grid: dx=20mm, dy=20mm, dz=5mm

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

Maximum value of SAR (measured) = 1.08 W/kg





**20180312\_System Check\_Diple1900v2 SN5d056**

Frequency: 1900 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.5°C

Medium parameters used (interpolated):  $f = 1900$  MHz;  $\sigma = 1.513$  S/m;  $\epsilon_r = 51.119$ ;  $\rho = 1000$  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 Sn558; Calibrated: 2017/7/24
- Probe: EX3DV4 - SN3665; ConvF(8.01, 8.01, 8.01); Calibrated: 2017/5/24;
- 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) = 6.20 W/kg

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

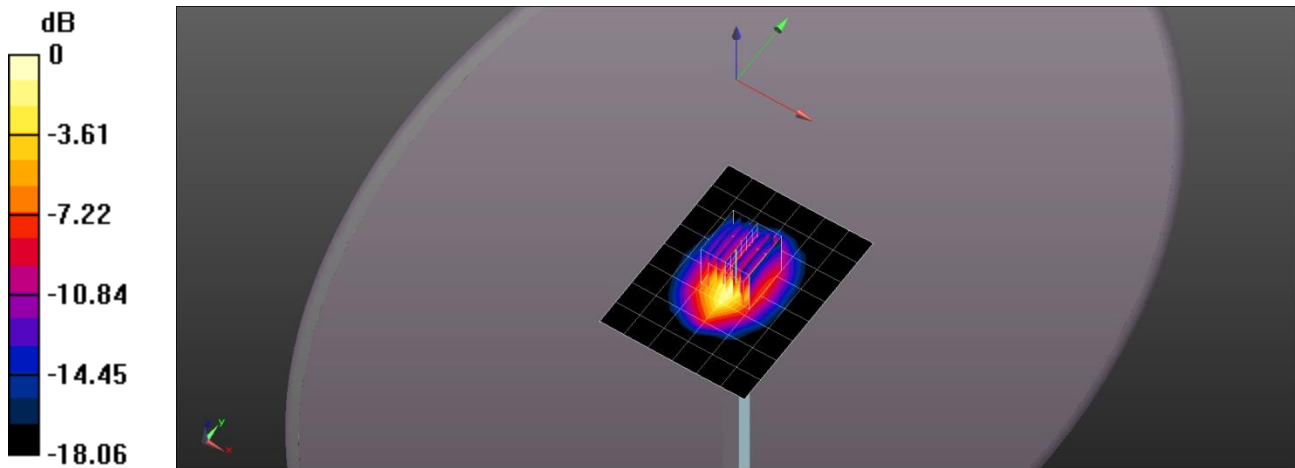
Reference Value = 66.19 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 7.50 W/kg

**SAR(1 g) = 4.02 W/kg; SAR(10 g) = 2.07 W/kg**

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

Maximum value of SAR (measured) = 6.27 W/kg



0 dB = 6.27 W/kg = 7.97 dBW/kg

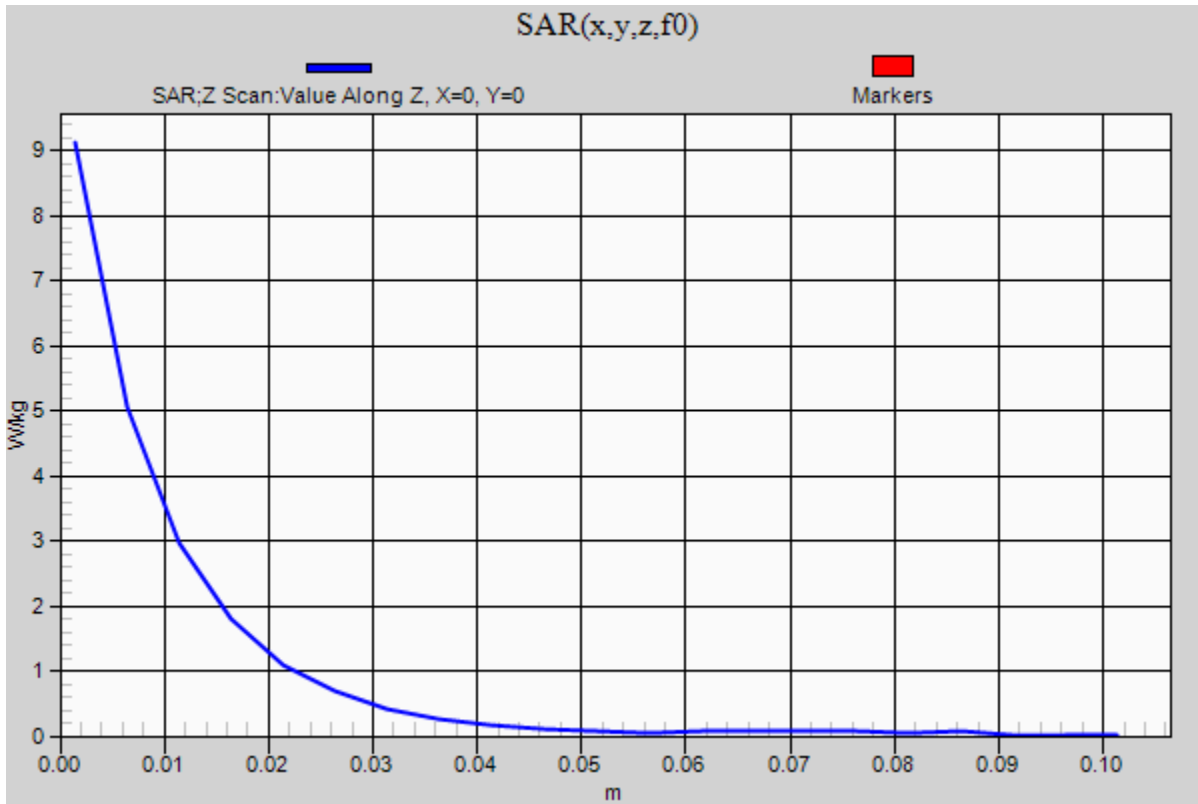
### 20180312\_System Check\_Diple1900v2 SN5d056

Frequency: 1900 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) = 9.11 W/kg



## 20180313\_System Check\_Diple1750v2 SN1023

Frequency: 1750 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.5°C

Medium parameters used (interpolated):  $f = 1750$  MHz;  $\sigma = 1.483$  S/m;  $\epsilon_r = 51.438$ ;  $\rho = 1000$  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 Sn558; Calibrated: 2017/7/24
- Probe: EX3DV4 - SN3665; ConvF(8.29, 8.29, 8.29); Calibrated: 2017/5/24;
- 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) = 5.80 W/kg

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

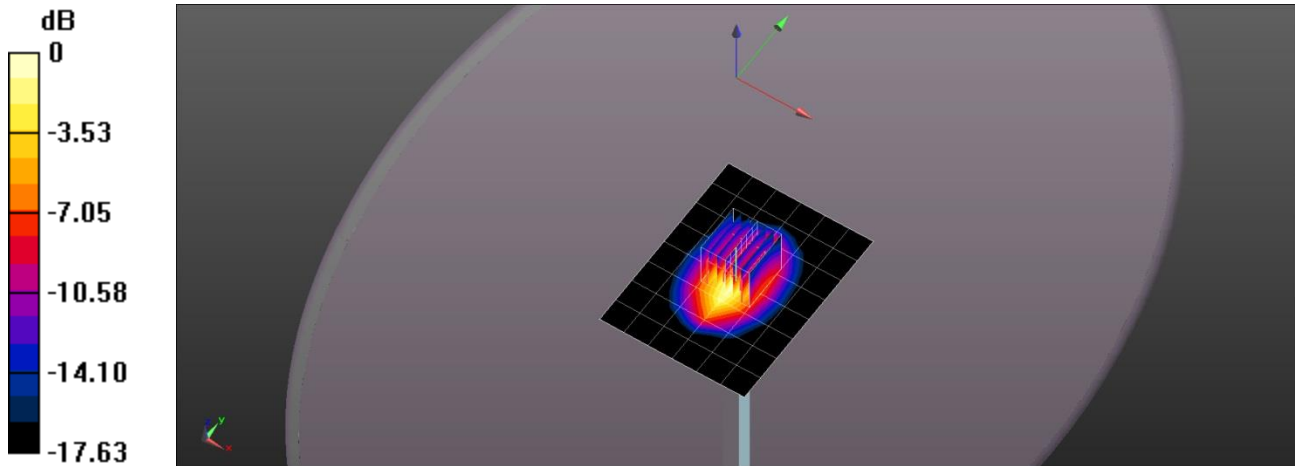
Reference Value = 64.91 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 6.60 W/kg

**SAR(1 g) = 3.61 W/kg; SAR(10 g) = 1.89 W/kg**

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

Maximum value of SAR (measured) = 5.55 W/kg



0 dB = 5.55 W/kg = 7.44 dBW/kg

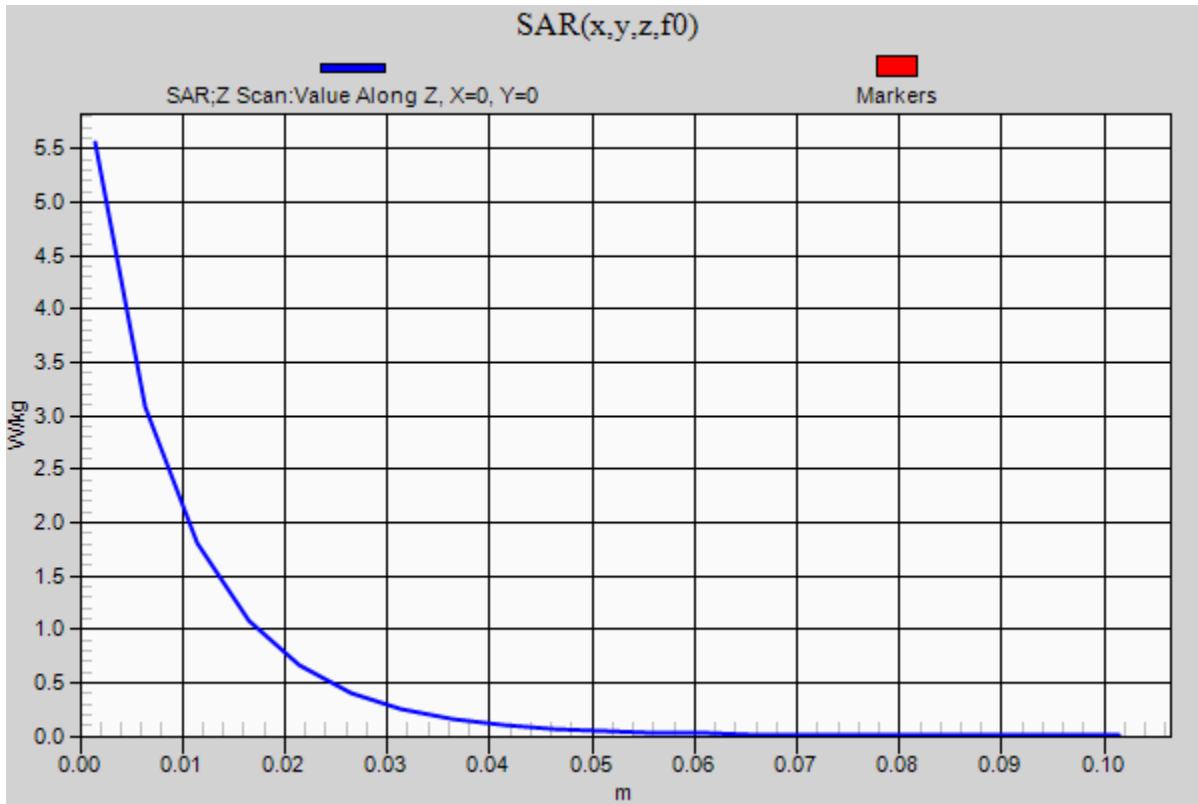
### 20180313\_System Check\_Diple1750v2 SN1023

Frequency: 1750 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) = 5.56 W/kg



## 20180314\_System check\_Diple835v2 SN4d015

Frequency: 835 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.5°C

Medium parameters used:  $f = 835.3$  MHz;  $\sigma = 1.013$  S/m;  $\epsilon_r = 52.729$ ;  $\rho = 1000$  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 Sn558; Calibrated: 2017/7/24
- Probe: EX3DV4 - SN3665; ConvF(10, 10, 10); Calibrated: 2017/5/24;
- 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/Pin=100mW, d=15mm/Area Scan (8x13x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 1.17 W/kg

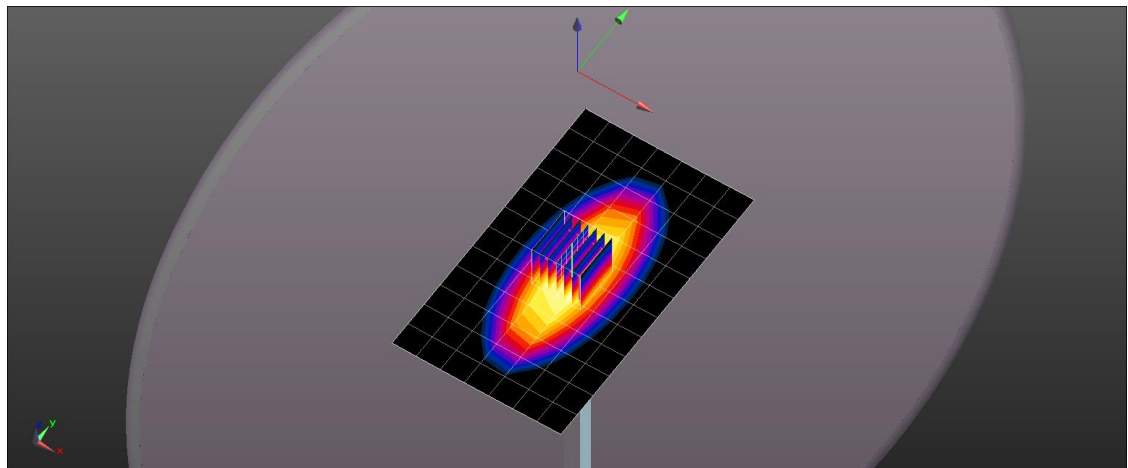
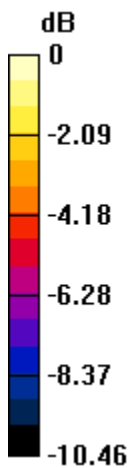
**Body/Pin=100mW, d=15mm/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 36.94 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 1.45 W/kg

**SAR(1 g) = 0.945 W/kg; SAR(10 g) = 0.620 W/kg**

Maximum value of SAR (measured) = 1.27 W/kg

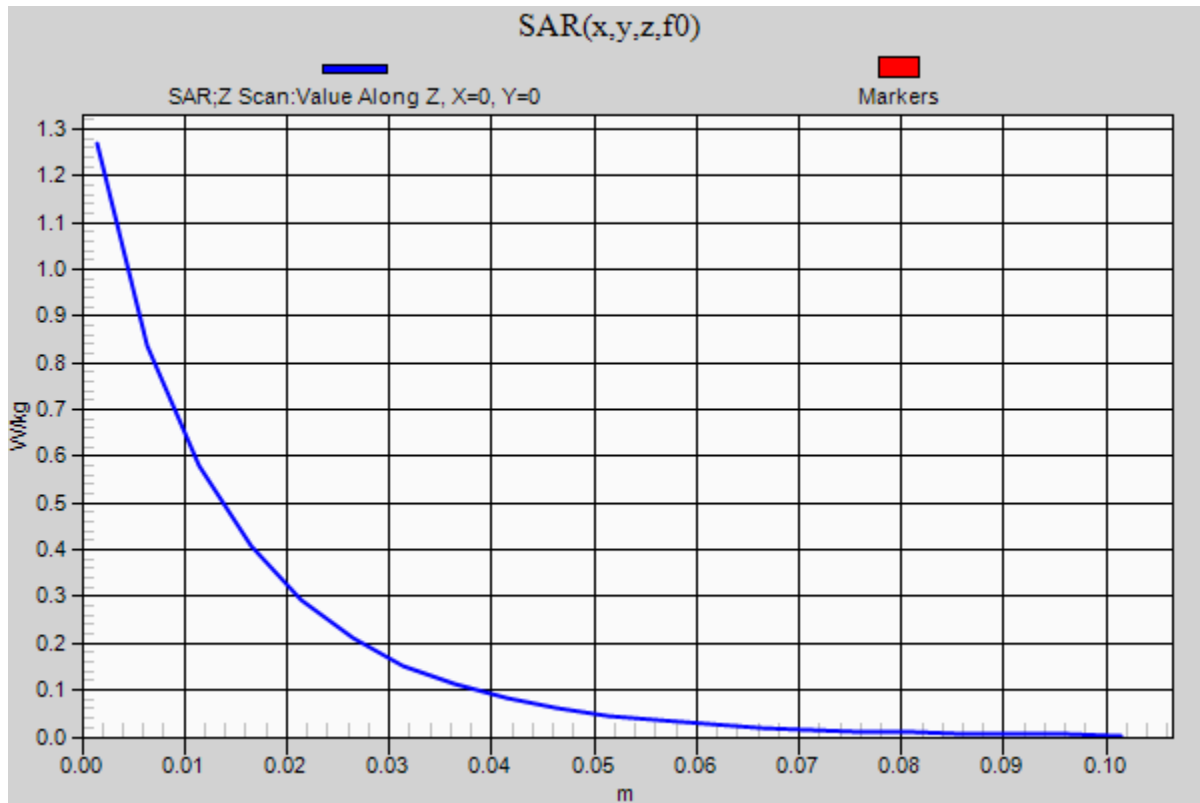


0 dB = 1.27 W/kg = 1.04 dBW/kg

### 20180314\_System check\_Diple835v2 SN4d015

Frequency: 835 MHz; Duty Cycle: 1:1

**Body/Pin=100mW, d=15mm/Z Scan (1x1x21):** Measurement grid: dx=20mm, dy=20mm, dz=5mm  
Maximum value of SAR (measured) = 1.27 W/kg



## 20180315\_System check\_Diple750v3 SN1020

Frequency: 750 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.5°C

Medium parameters used (interpolated):  $f = 750$  MHz;  $\sigma = 0.99$  S/m;  $\epsilon_r = 56.52$ ;  $\rho = 1000$  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 Sn558; Calibrated: 2017/7/24
- Probe: EX3DV4 - SN3665; ConvF(10.07, 10.07, 10.07); Calibrated: 2017/5/24;
- 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/Pin=100mW, d=15mm/Area Scan (7x15x1):** Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 1.11 W/kg

**Body/Pin=100mW, d=15mm/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

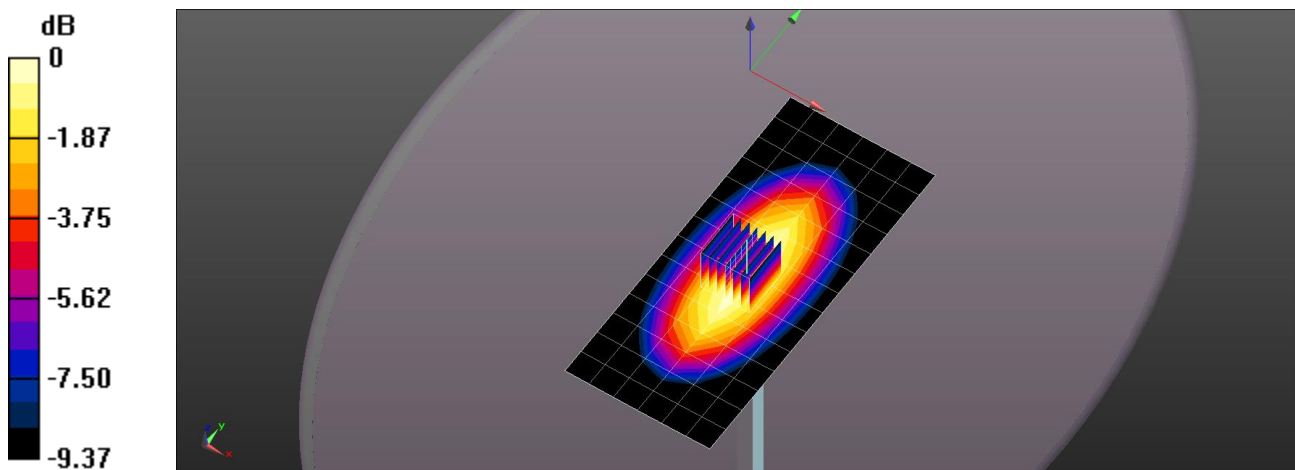
Reference Value = 35.73 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 1.25 W/kg

**SAR(1 g) = 0.843 W/kg; SAR(10 g) = 0.585 W/kg**

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

Maximum value of SAR (measured) = 1.10 W/kg



0 dB = 1.10 W/kg = 0.41 dBW/kg

### 20180315\_System check\_Diple750v3 SN1020

Frequency: 750 MHz; Duty Cycle: 1:1

**Body/Pin=100mW, d=15mm/Z Scan (1x1x21):** Measurement grid: dx=20mm, dy=20mm, dz=5mm

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

Maximum value of SAR (measured) = 1.07 W/kg

