

**20161221\_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;  $\sigma = 1.982$  S/m;  $\epsilon_r = 52.414$ ;  $\rho = 1000$  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: 2016/3/21
- Probe: EX3DV4 - SN3665; ConvF(7.32, 7.32, 7.32); Calibrated: 2016/5/26;
- 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) = 8.29 W/kg

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

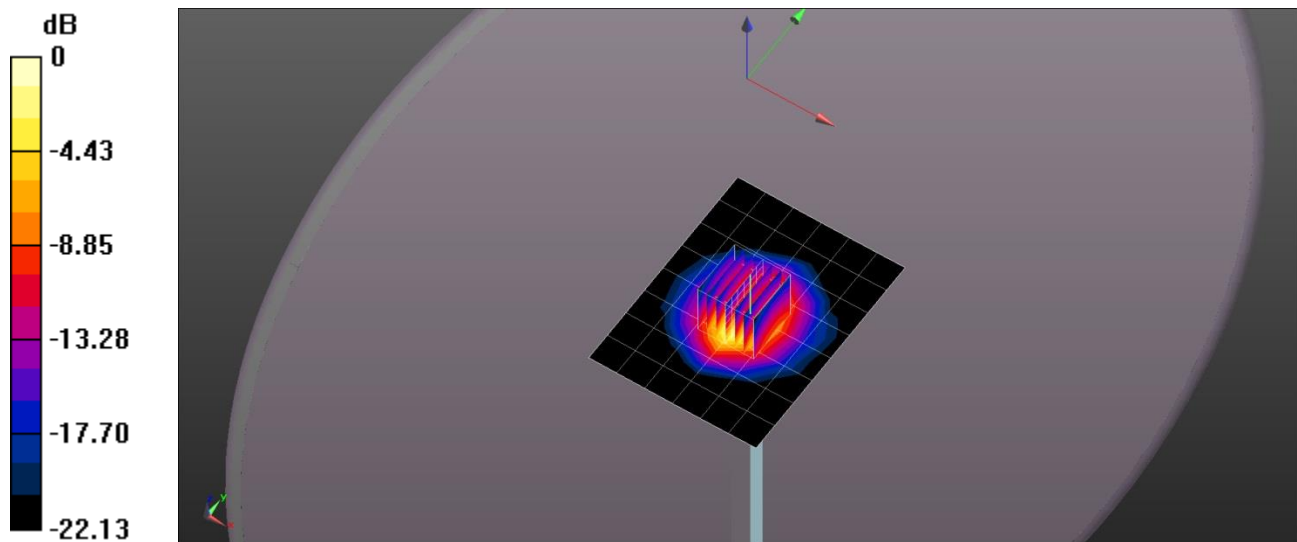
Reference Value = 67.00 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 10.3 W/kg

**SAR(1 g) = 5.1 W/kg; SAR(10 g) = 2.4 W/kg**

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

Maximum value of SAR (measured) = 8.33 W/kg



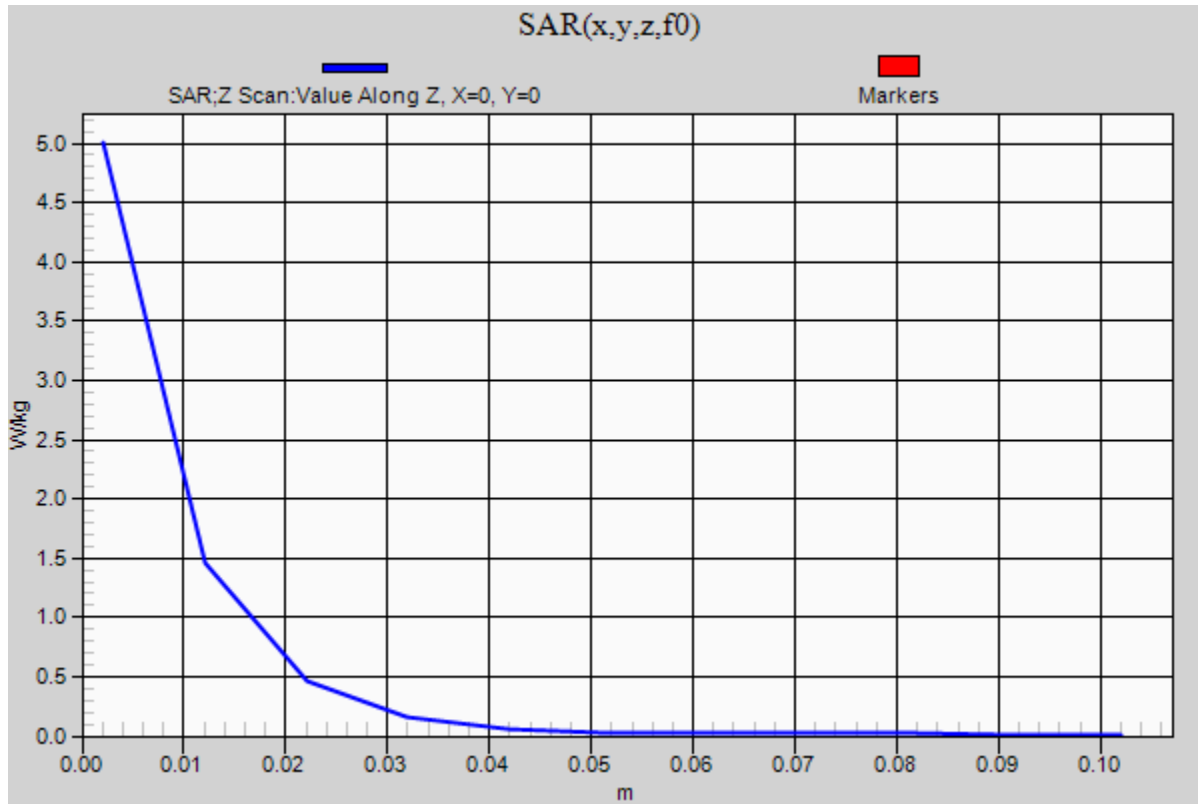
0 dB = 8.33 W/kg = 9.21 dBW/kg

**20161221\_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) = 5.00 W/kg



**20161220\_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;  $\sigma = 5.465$  S/m;  $\epsilon_r = 48.665$ ;  $\rho = 1000$  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: 2016/3/21
- Probe: EX3DV4 - SN3665; ConvF(4.27, 4.27, 4.27); Calibrated: 2016/5/26;
- 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) = 22.4 W/kg

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

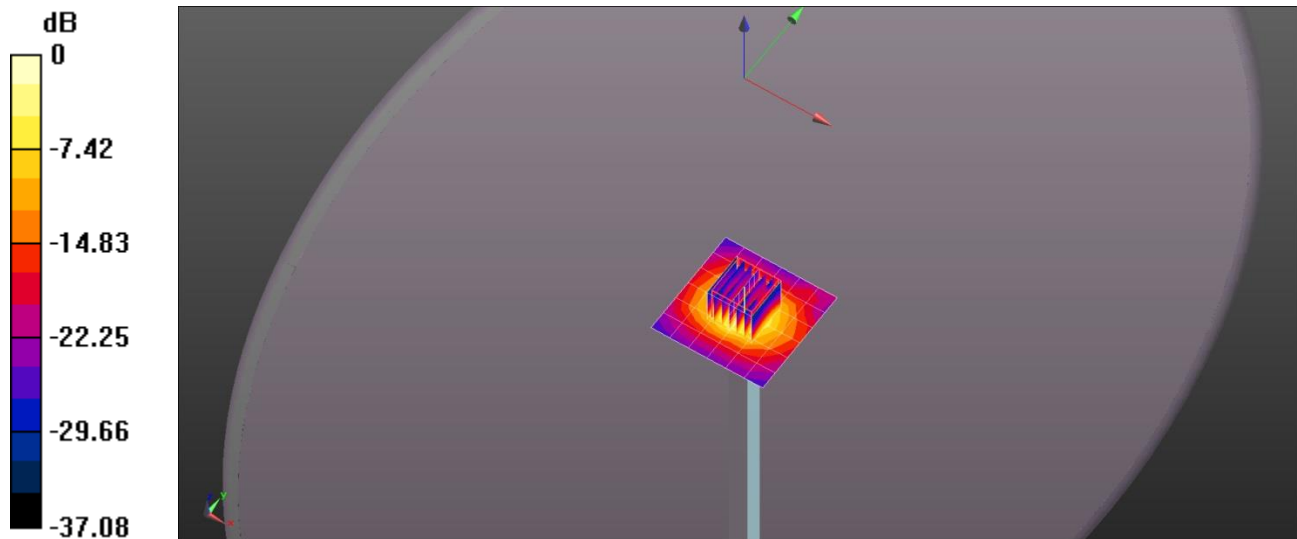
dy=4mm, dz=1.4mm

Reference Value = 42.08 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 37.5 W/kg

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

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



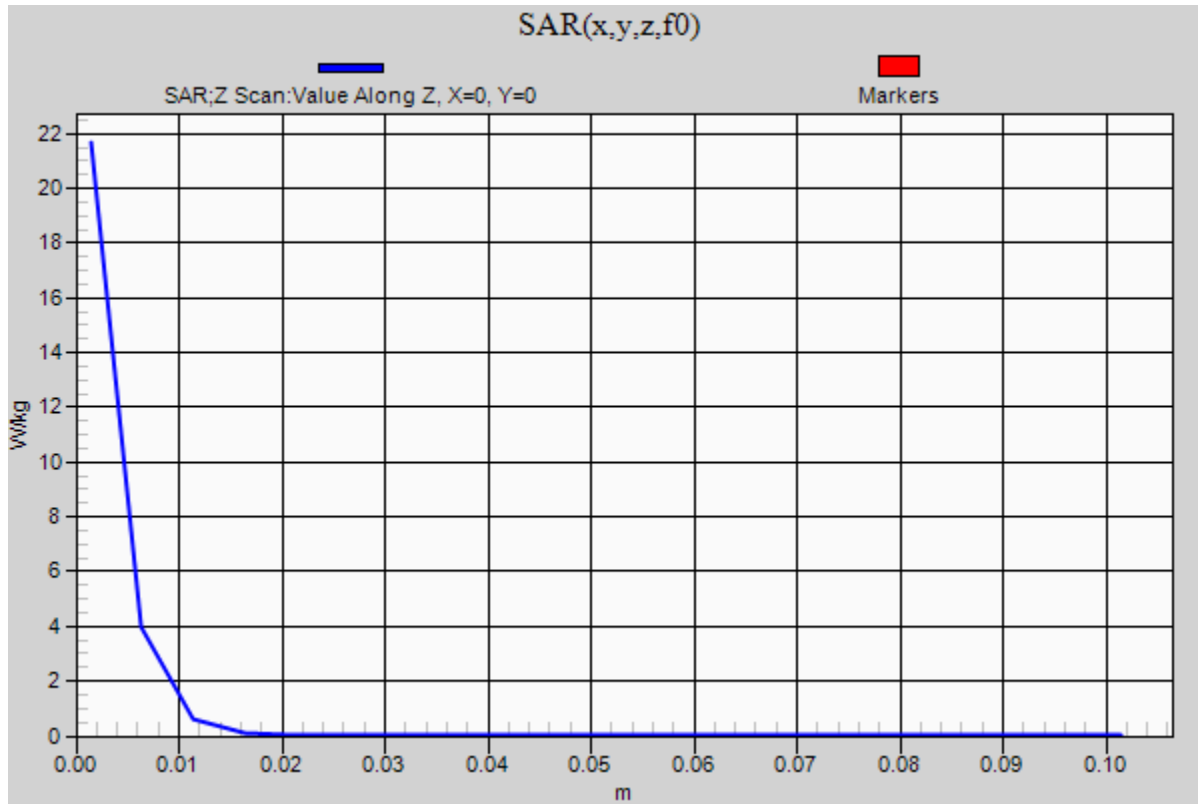
0 dB = 21.8 W/kg = 13.38 dBW/kg

**20161220\_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) = 21.7 W/kg



**20161220\_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;  $\sigma = 5.933$  S/m;  $\epsilon_r = 48.033$ ;  $\rho = 1000$  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: 2016/3/21
- Probe: EX3DV4 - SN3665; ConvF(3.63, 3.63, 3.63); Calibrated: 2016/5/26;
- 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) = 16.1 W/kg

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

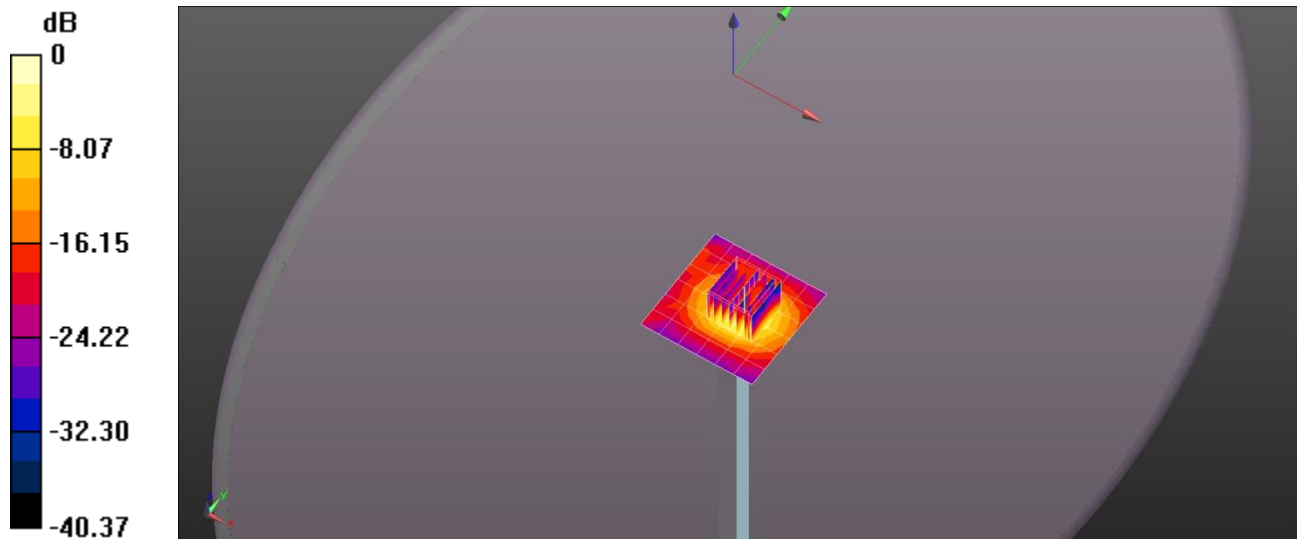
dy=4mm, dz=1.4mm

Reference Value = 36.38 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 34.2 W/kg

**SAR(1 g) = 8.04 W/kg; SAR(10 g) = 2.29 W/kg**

Maximum value of SAR (measured) = 21.3 W/kg



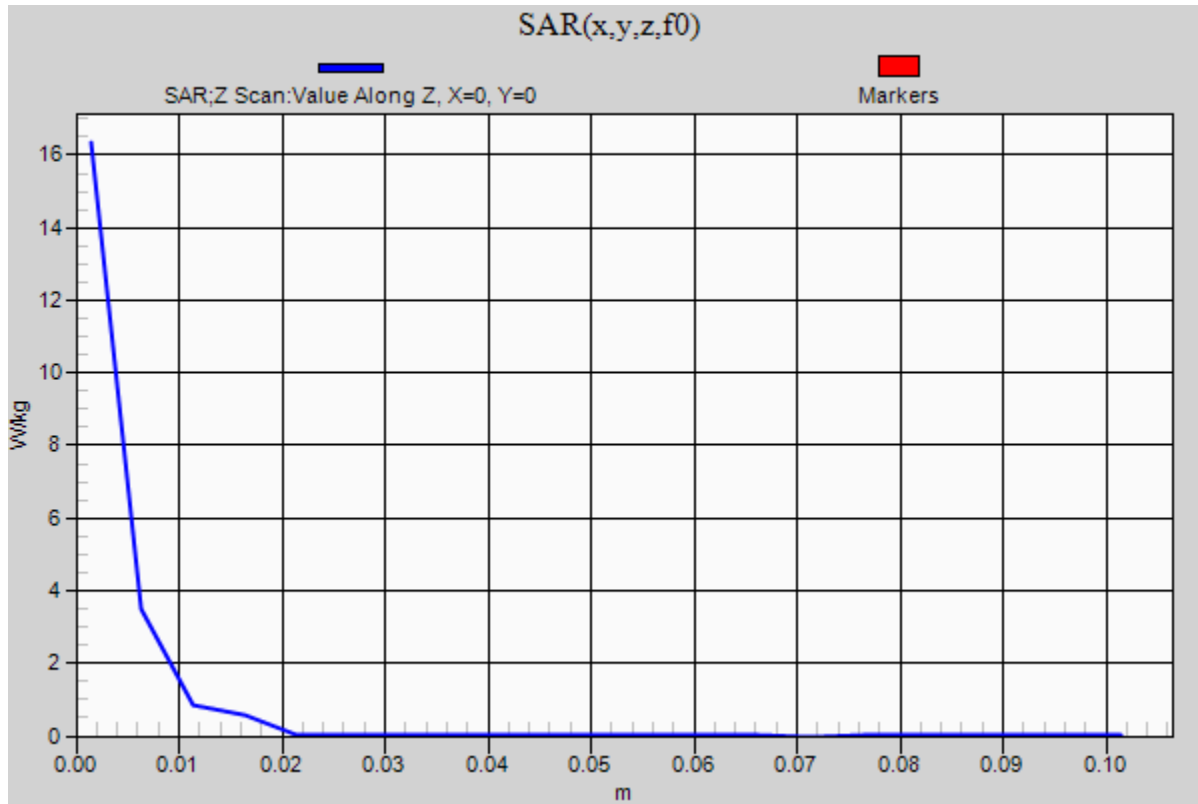
0 dB = 21.3 W/kg = 13.28 dBW/kg

**20161220\_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) = 16.3 W/kg



**20161220\_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;  $\sigma = 6.167$  S/m;  $\epsilon_r = 47.554$ ;  $\rho = 1000$  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: 2016/3/21
- Probe: EX3DV4 - SN3665; ConvF(3.95, 3.95, 3.95); Calibrated: 2016/5/26;
- 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) = 21.6 W/kg

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

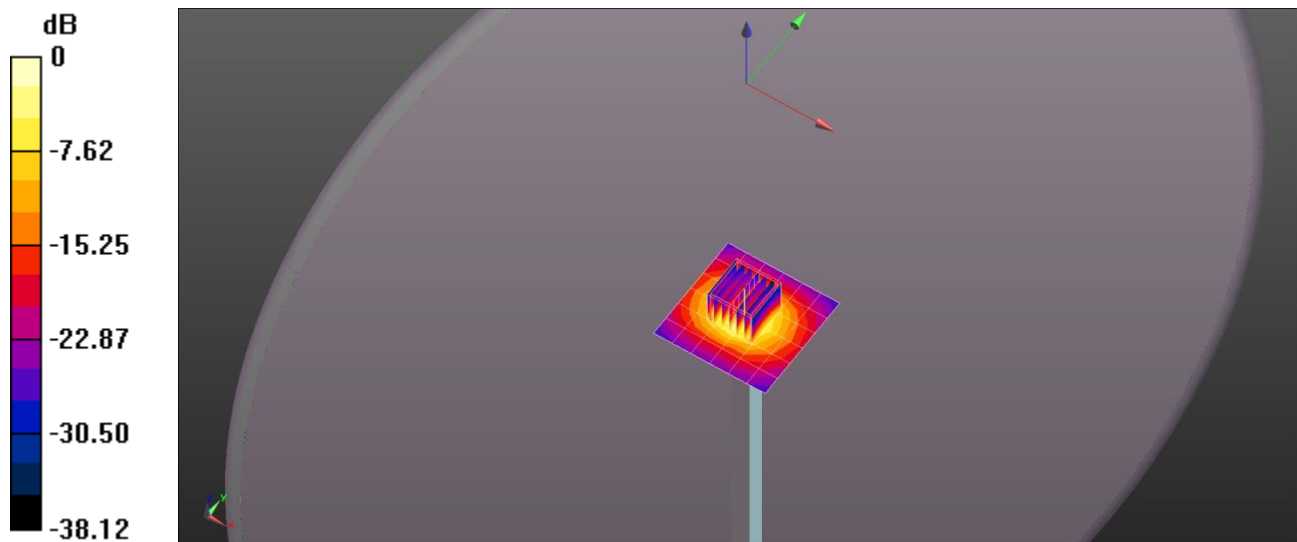
Reference Value = 40.68 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 31.4 W/kg

**SAR(1 g) = 7.64 W/kg; SAR(10 g) = 2.18 W/kg**

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

Maximum value of SAR (measured) = 20.0 W/kg



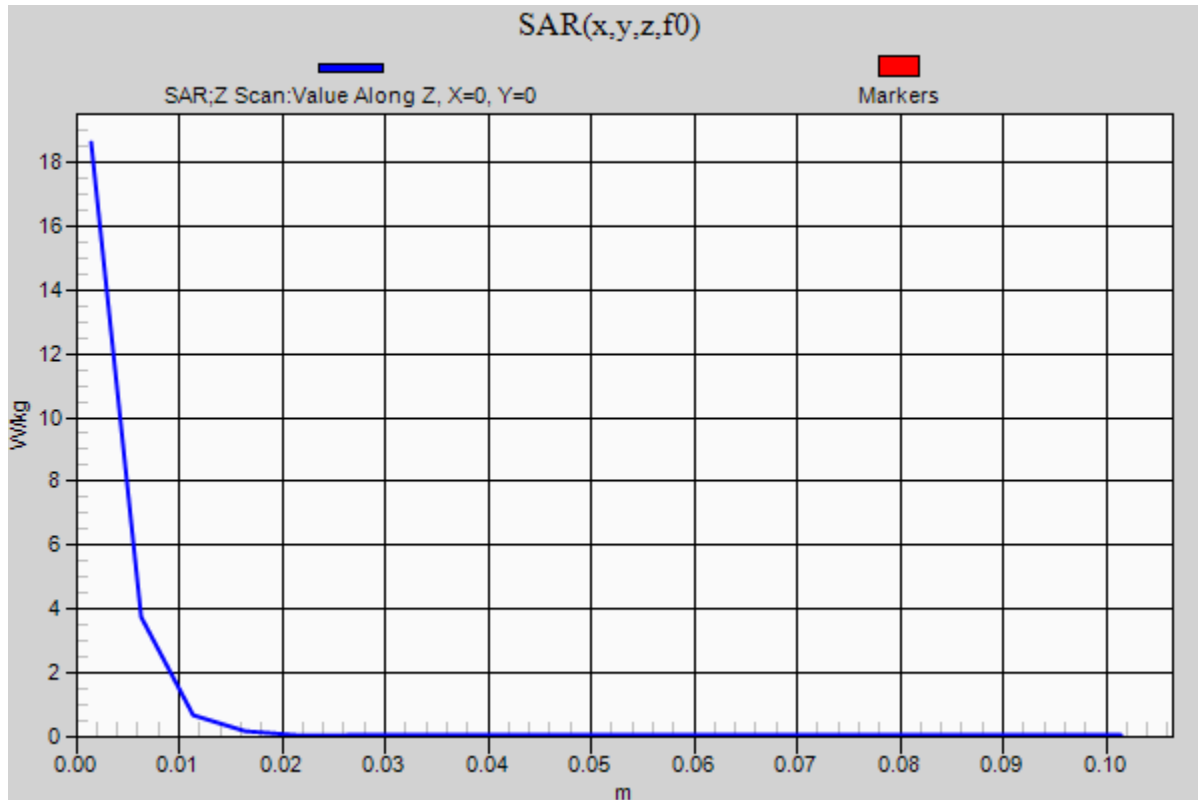
0 dB = 20.0 W/kg = 13.01 dBW/kg

**20161220\_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) = 18.6 W/kg



**20170324\_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;  $\sigma = 5.314$  S/m;  $\epsilon_r = 48.161$ ;  $\rho = 1000$  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 Sn917; Calibrated: 2017/1/6
- Probe: EX3DV4 - SN3665; ConvF(4.27, 4.27, 4.27); Calibrated: 2016/5/26;
- 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) = 21.7 W/kg

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

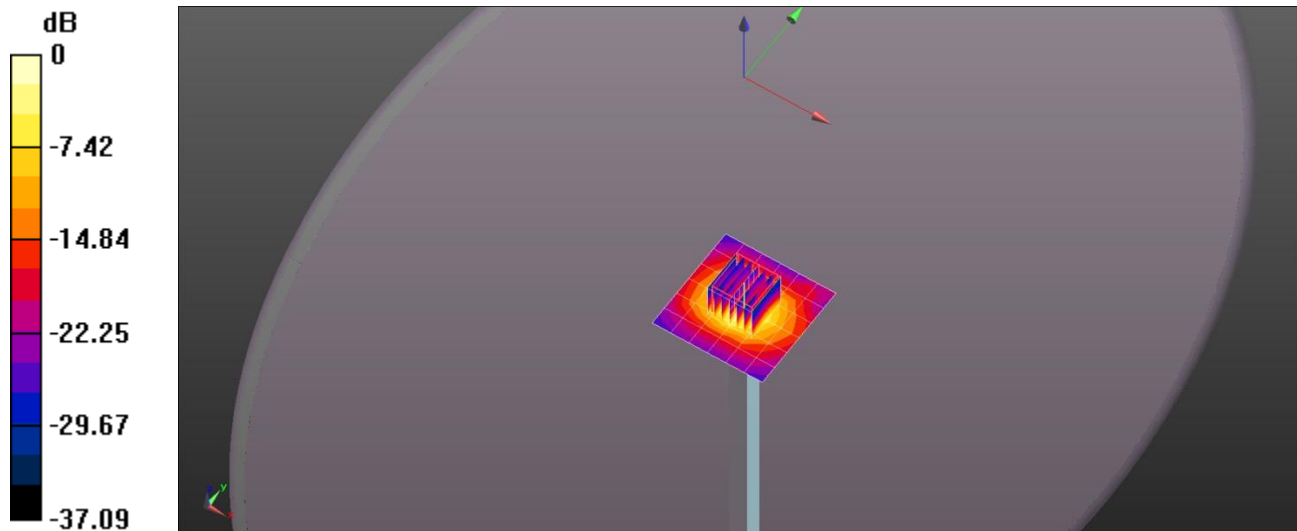
dy=4mm, dz=1.4mm

Reference Value = 42.09 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 36.3 W/kg

**SAR(1 g) = 7.93 W/kg; SAR(10 g) = 2.24 W/kg**

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



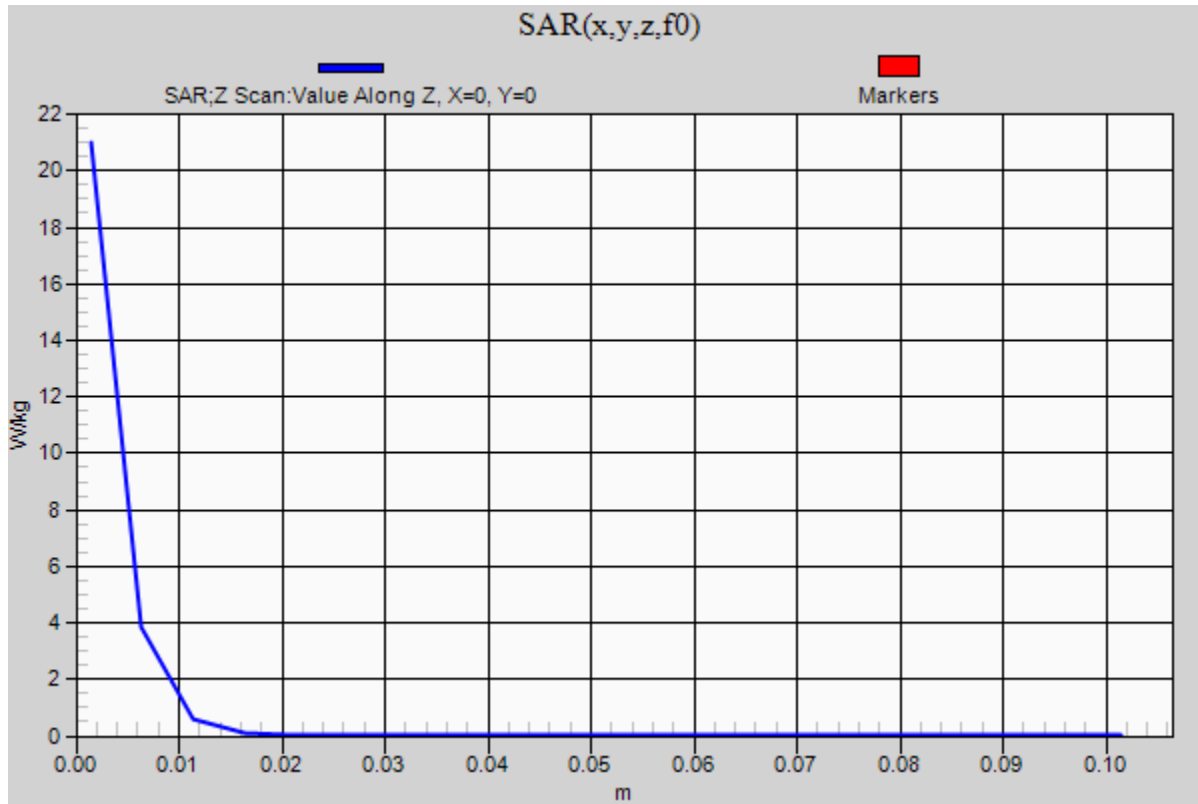
0 dB = 21.1 W/kg = 13.24 dBW/kg

**20170324\_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) = 21.0 W/kg



**20170324\_System check\_Dipole5GHzv2 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;  $\sigma = 5.708$  S/m;  $\epsilon_r = 47.732$ ;  $\rho = 1000$  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 Sn917; Calibrated: 2017/1/6
- Probe: EX3DV4 - SN3665; ConvF(3.63, 3.63, 3.63); Calibrated: 2016/5/26;
- 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) = 20.8 W/kg

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

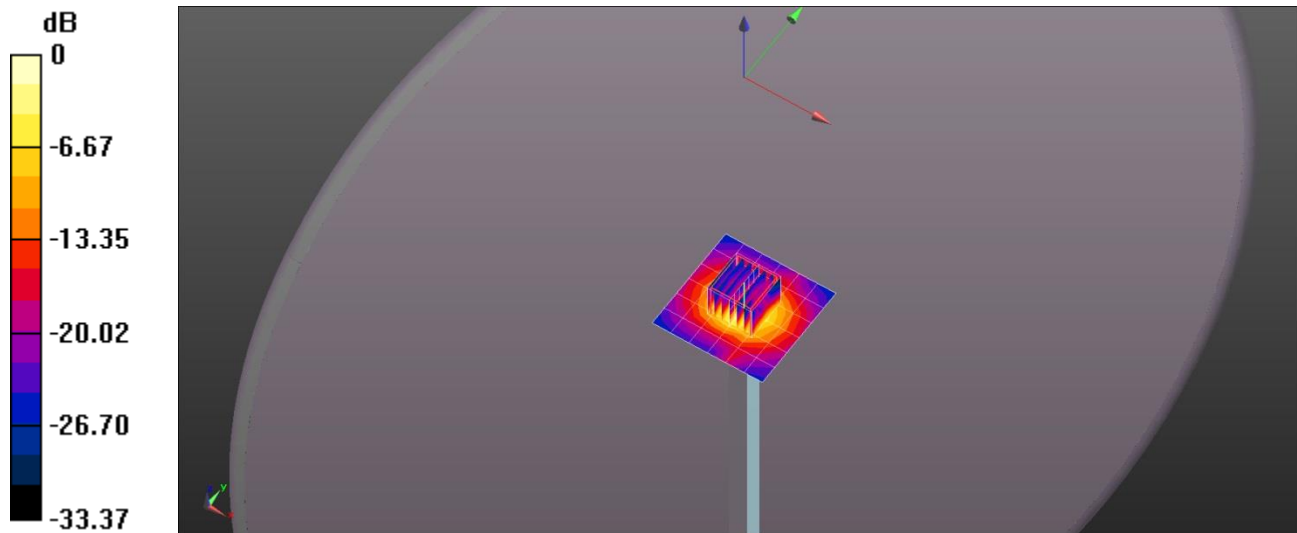
dy=4mm, dz=1.4mm

Reference Value = 45.60 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 32.6 W/kg

**SAR(1 g) = 7.77 W/kg; SAR(10 g) = 2.23 W/kg**

Maximum value of SAR (measured) = 20.3 W/kg



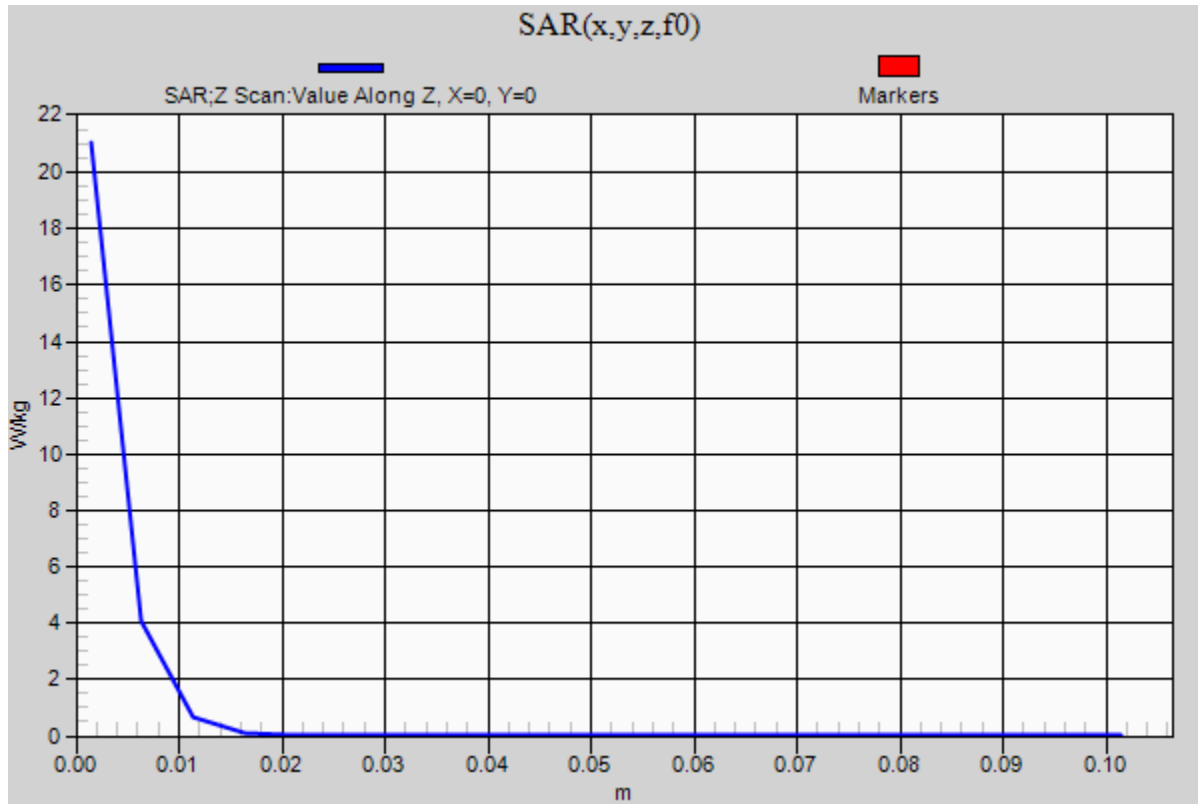
0 dB = 20.3 W/kg = 13.07 dBW/kg

**20170324\_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) = 21.59 W/kg



**20170327\_System check\_Dipole5GHzv2 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;  $\sigma = 5.711$  S/m;  $\epsilon_r = 47.732$ ;  $\rho = 1000$  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 Sn917; Calibrated: 2017/1/6
- Probe: EX3DV4 - SN3665; ConvF(3.63, 3.63, 3.63); Calibrated: 2016/5/26;
- 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) = 18.8 W/kg

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

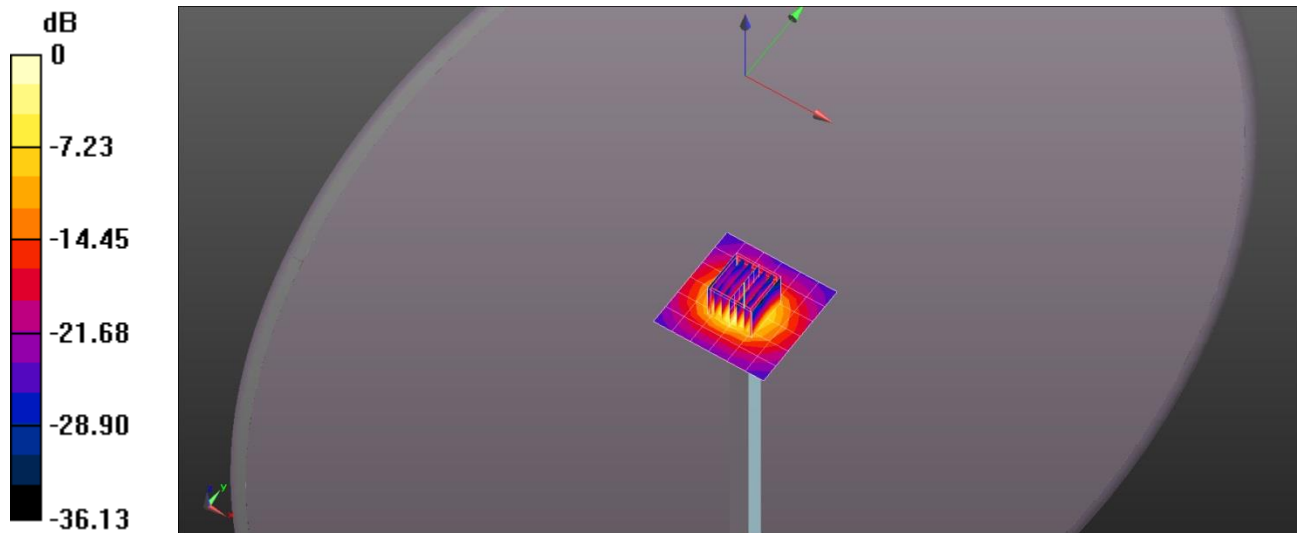
dy=4mm, dz=1.4mm

Reference Value = 41.44 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 31.9 W/kg

**SAR(1 g) = 7.83 W/kg; SAR(10 g) = 2.2 W/kg**

Maximum value of SAR (measured) = 20.5 W/kg



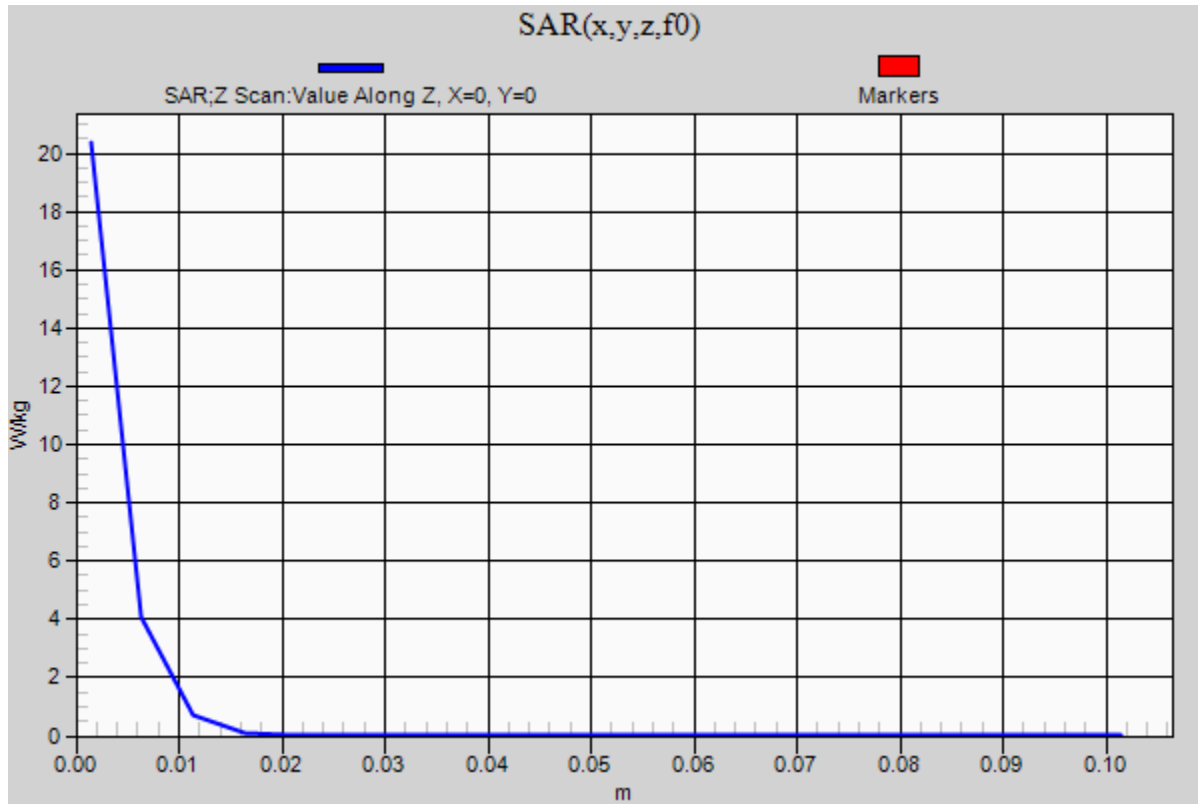
0 dB = 20.5 W/kg = 13.12 dBW/kg

**20170327\_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) = 20.4 W/kg



**20170327\_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;  $\sigma = 5.974$  S/m;  $\epsilon_r = 47.34$ ;  $\rho = 1000$  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 Sn917; Calibrated: 2017/1/6
- Probe: EX3DV4 - SN3665; ConvF(3.95, 3.95, 3.95); Calibrated: 2016/5/26;
- 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) = 19.6 W/kg

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

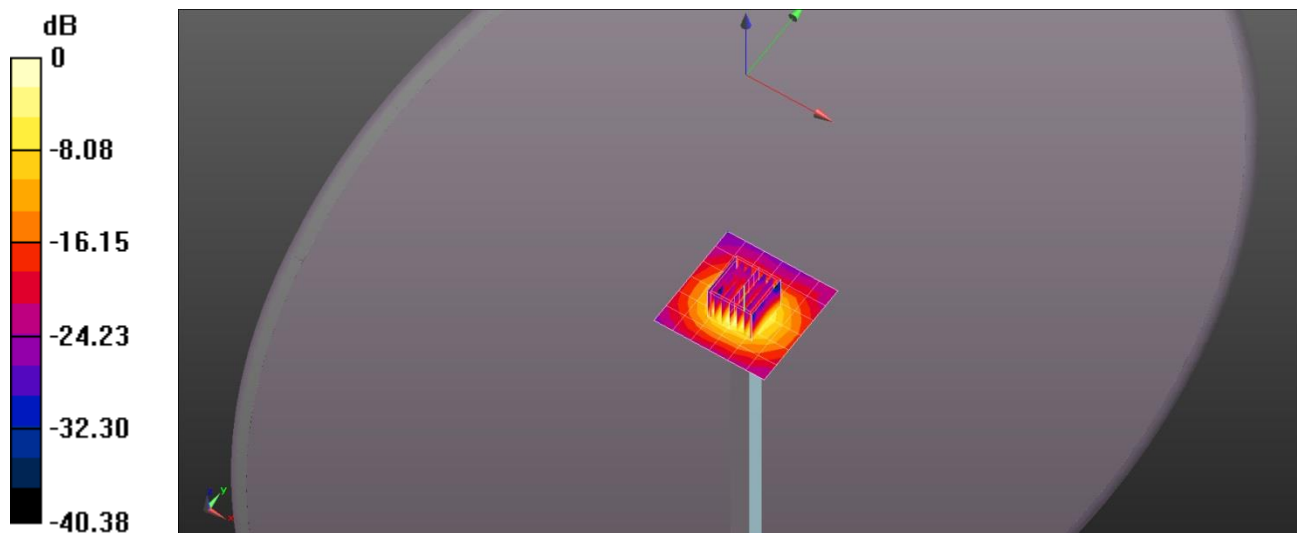
Reference Value = 33.73 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 31.4 W/kg

**SAR(1 g) = 7.4 W/kg; SAR(10 g) = 2.1 W/kg**

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

Maximum value of SAR (measured) = 19.7 W/kg



0 dB = 19.7 W/kg = 12.94 dBW/kg

**20170327\_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) = 17.4 W/kg

