Test Laboratory: Compliance Certification Service Inc. SAR Lab 01 Date: 2015/10/29

20151029_System check_Diple835v2 SN4d015

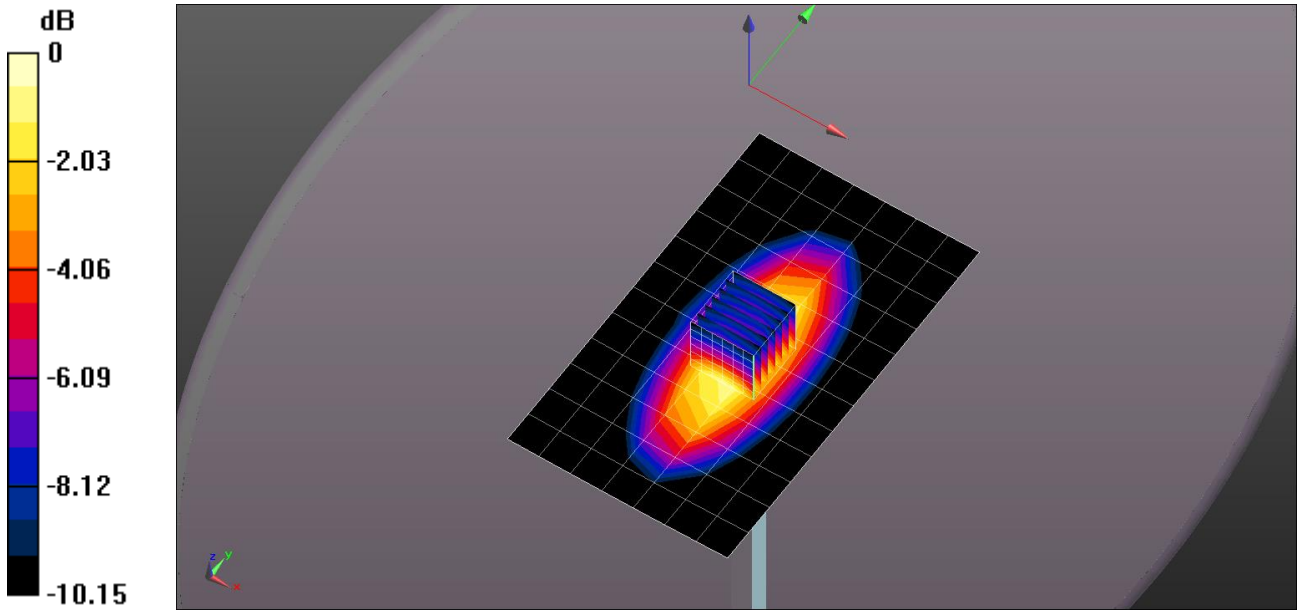
Frequency: 835 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.5°C
Medium parameters used: f = 835.3 MHz; σ = 0.97 S/m; ε_r = 55.168; ρ = 1000 kg/m^3
DASY5 Configuration:
- Area Scan Setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn877; Calibrated: 2015/3/19
- Probe: EX3DV4 - SN3665; ConvF(9.55, 9.55, 9.55); Calibrated: 2015/5/27;
- 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) = 1.08 W/kg

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

Reference Value = 38.15 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 1.37 W/kg
SAR(1 g) = 0.900 W/kg; SAR(10 g) = 0.597 W/kg
Maximum value of SAR (measured) = 1.20 W/kg



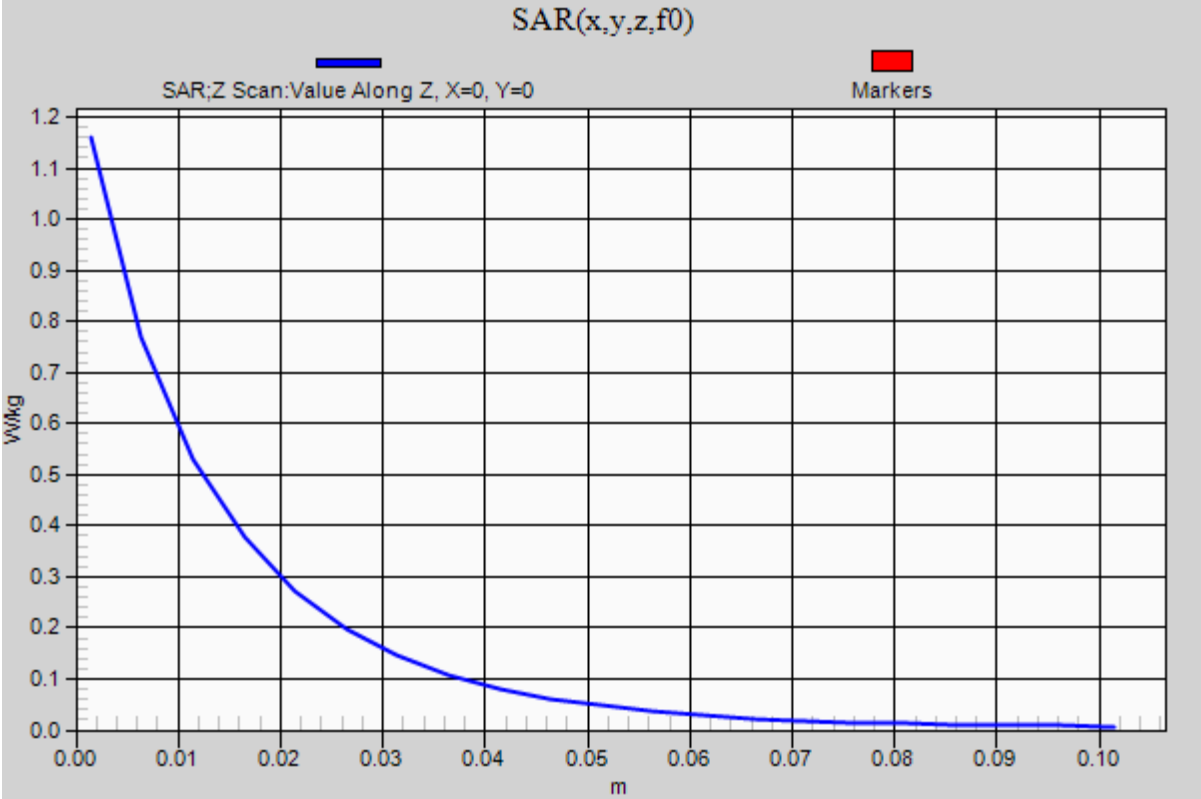
0 dB = 1.20 W/kg = 0.79 dBW/kg

Test Laboratory: Compliance Certification Service Inc. SAR Lab 01 Date: 2015/10/29

20151029_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) = 1.16 W/kg



Test Laboratory: Compliance Certification Service Inc. SAR Lab 01 Date: 2015/10/29

20151029_System Check_Diple1900v2 SN5d056

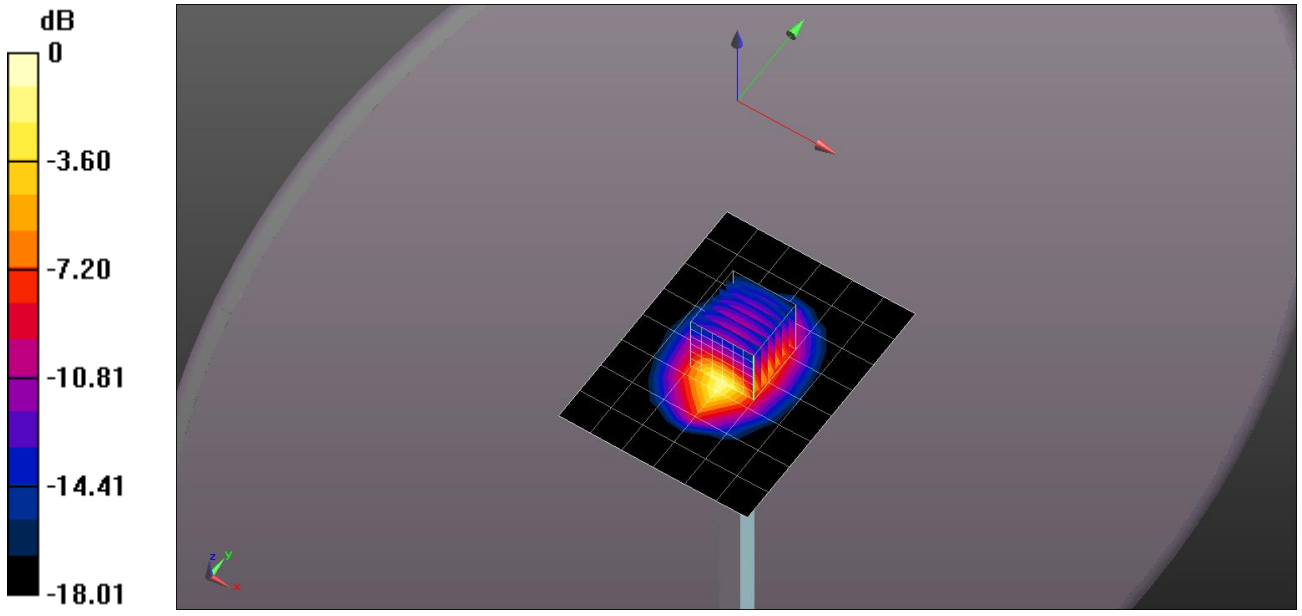
Frequency: 1900 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.5°C
Medium parameters used (interpolated): f = 1900 MHz; σ = 1.523 S/m; ε_r = 51.918; ρ = 1000 kg/m^3
DASY5 Configuration:
- Area Scan Setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn877; Calibrated: 2015/3/19
- Probe: EX3DV4 - SN3665; ConvF(7.54, 7.54, 7.54); Calibrated: 2015/5/27;
- 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) = 6.29 W/kg

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

Reference Value = 66.75 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 7.57 W/kg
SAR(1 g) = 4.09 W/kg; SAR(10 g) = 2.12 W/kg
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 6.36 W/kg



0 dB = 6.36 W/kg = 8.03 dBW/kg

Test Laboratory: Compliance Certification Service Inc. SAR Lab 01 Date: 2015/10/29

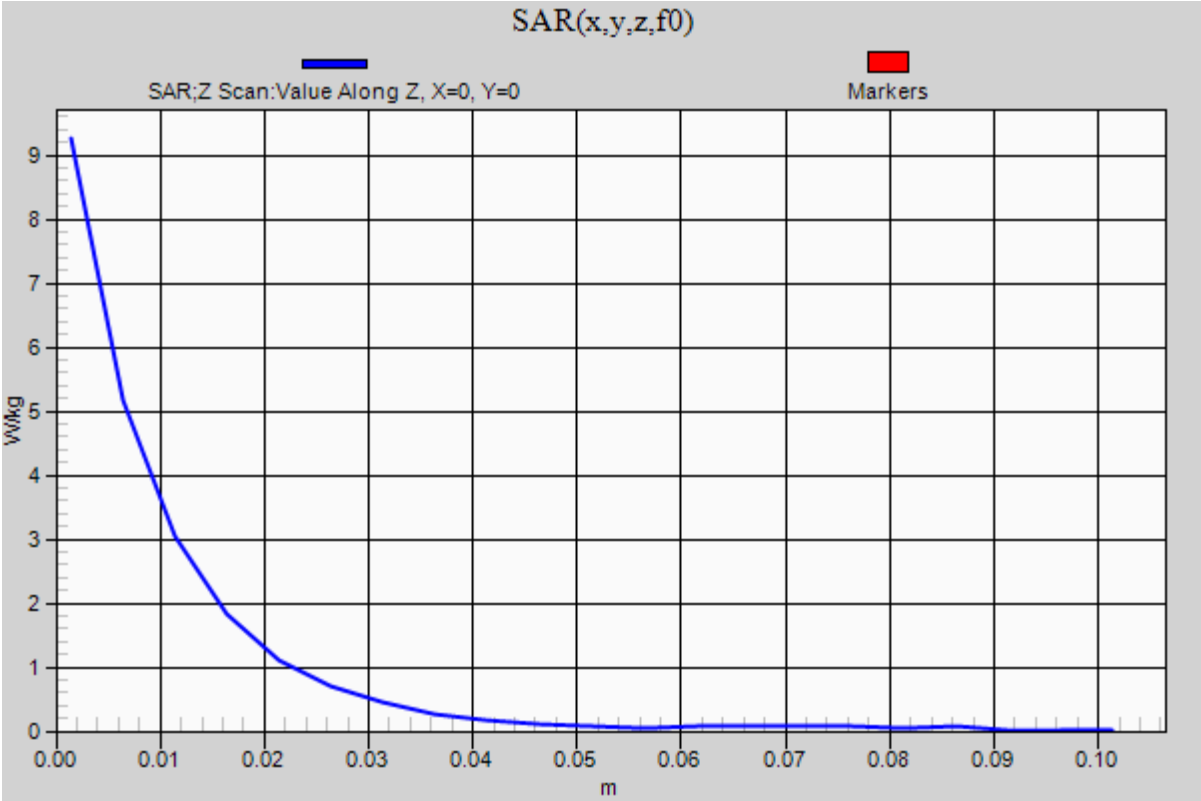
20151029_System Check_Diple1900v2 SN5d056

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



Test Laboratory: Compliance Certification Service Inc. SAR Lab 01 Date: 2015/12/8

20151208_System check_Diple835v2 SN4d015

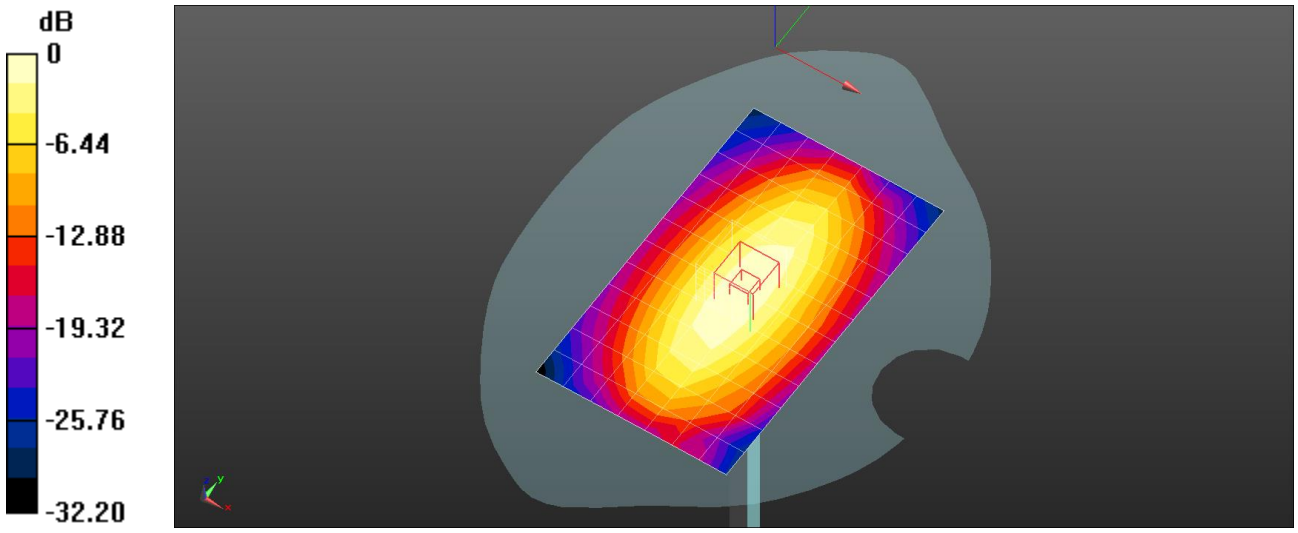
Frequency: 850 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.5°C
Medium parameters used (interpolated): f = 850 MHz; σ = 0.977 S/m; ε_r = 55.24; ρ = 1000 kg/m^3
DASY5 Configuration:
- Area Scan Setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn877; Calibrated: 2015/3/19
- Probe: EX3DV4 - SN3665; ConvF(9.55, 9.55, 9.55); Calibrated: 2015/5/27;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: SAM 34; Type: SAM V4.0; Serial: TP-1150

Body/Pin=100mW, d=15mm 2 2/Area Scan (8x13x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.16 W/kg

Body/Pin=100mW, d=15mm 2 2/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 35.93 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 1.45 W/kg
SAR(1 g) = 0.950 W/kg; SAR(10 g) = 0.625 W/kg
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.28 W/kg



0 dB = 1.28 W/kg = 1.07 dBW/kg

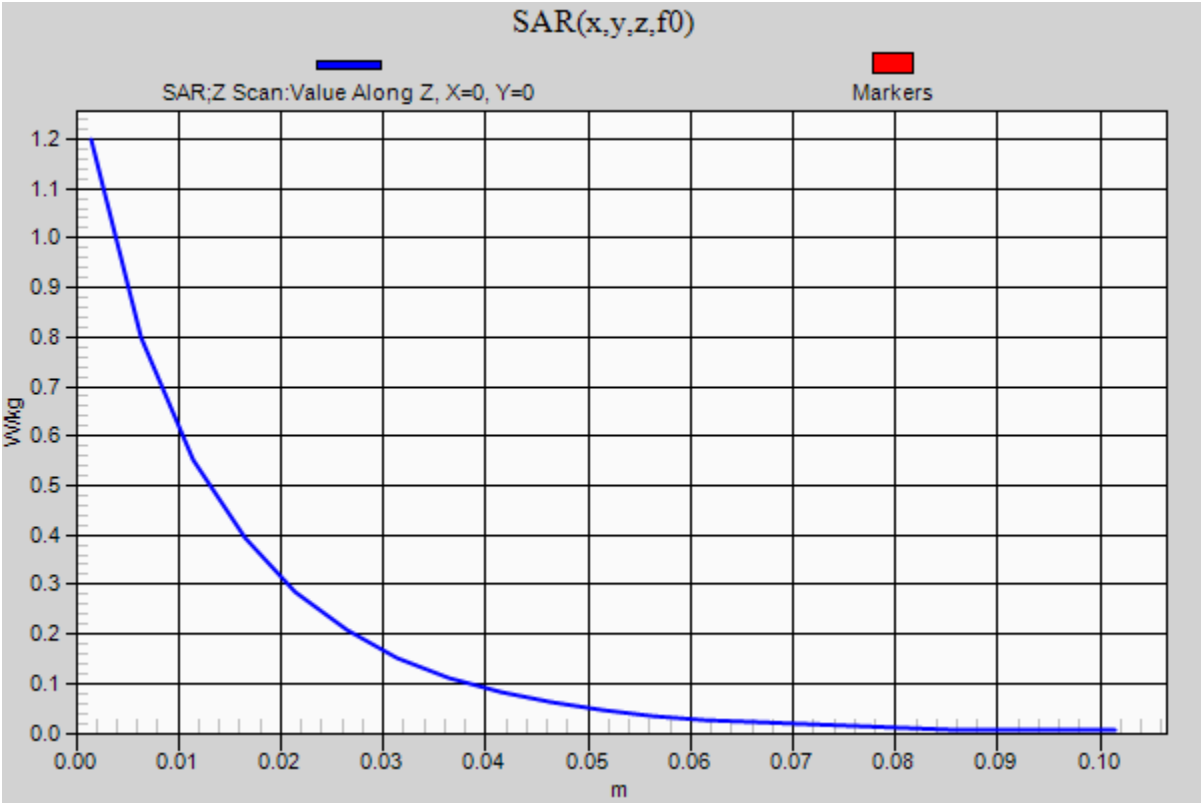
Test Laboratory: Compliance Certification Service Inc. SAR Lab 01 Date: 2015/12/8

20151208_System check_Diple835v2 SN4d015

Frequency: 850 MHz; Duty Cycle: 1:1

Body/Pin=100mW, d=15mm 2 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) = 1.20 W/kg



Test Laboratory: Compliance Certification Service Inc. SAR Lab 01 Date: 2015/12/8

20151208_System Check_Diple1900v2 SN5d056

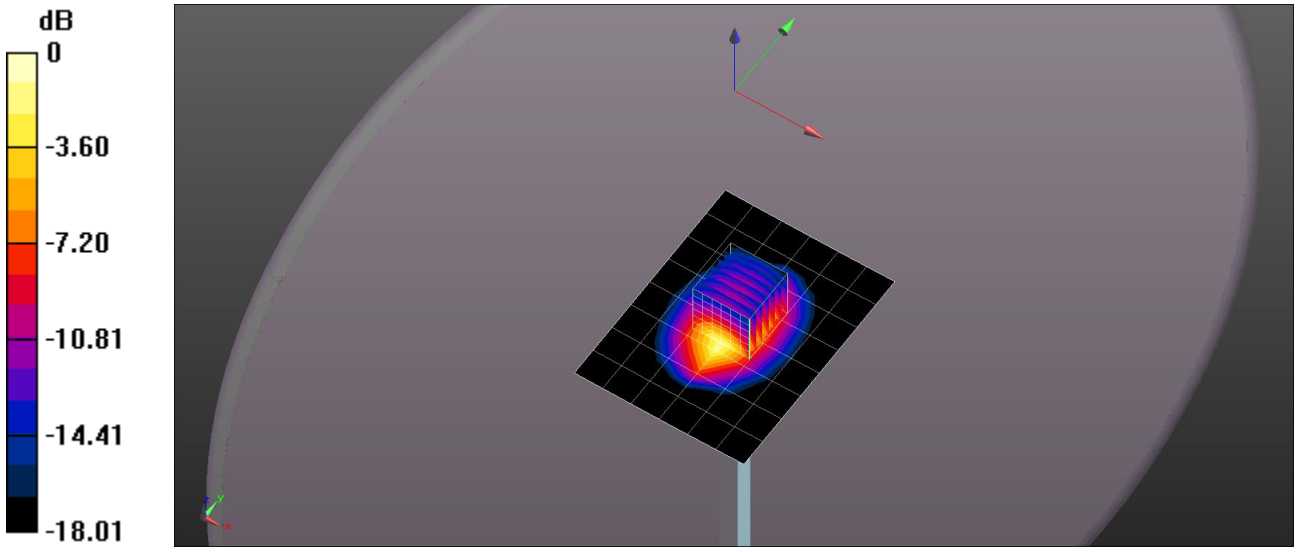
Frequency: 1900 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.5°C
Medium parameters used (interpolated): f = 1900 MHz; σ = 1.515 S/m; ε_r = 51.646; ρ = 1000 kg/m^3
DASY5 Configuration:
- Area Scan Setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn877; Calibrated: 2015/3/19
- Probe: EX3DV4 - SN3665; ConvF(7.54, 7.54, 7.54); Calibrated: 2015/5/27;
- 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) = 6.26 W/kg

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

Reference Value = 66.75 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 7.53 W/kg
SAR(1 g) = 4.07 W/kg; SAR(10 g) = 2.11 W/kg
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 6.33 W/kg



0 dB = 6.33 W/kg = 8.01 dBW/kg

Test Laboratory: Compliance Certification Service Inc. SAR Lab 01 Date: 2015/12/8

20151208_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) = 5.78 W/kg