

2014513_SystemPerformanceCheck-D1900V2 SN 5d163

Frequency: 1900 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C

Medium parameters used: $f = 1900$ MHz; $\sigma = 1.389$ S/m; $\epsilon_r = 39.7$; $\rho = 1000$ kg/m³

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Averaged Fast SAR: Polynomial fit
- Electronics: DAE3 Sn427; Calibrated: 1/21/2014
- Probe: EX3DV4 - SN3871; ConvF(8.5, 8.5, 8.5); Calibrated: 12/11/2013;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: SAM; Type: QD000P40CD; Serial: TP 1751

Head/Pin=100 mW/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Reference Value = 56.950 V/m; Power Drift = 0.10 dB

Fast SAR: SAR(1 g) = 3.88 W/kg; SAR(10 g) = 2.03 W/kg

Maximum value of SAR (interpolated) = 5.19 W/kg

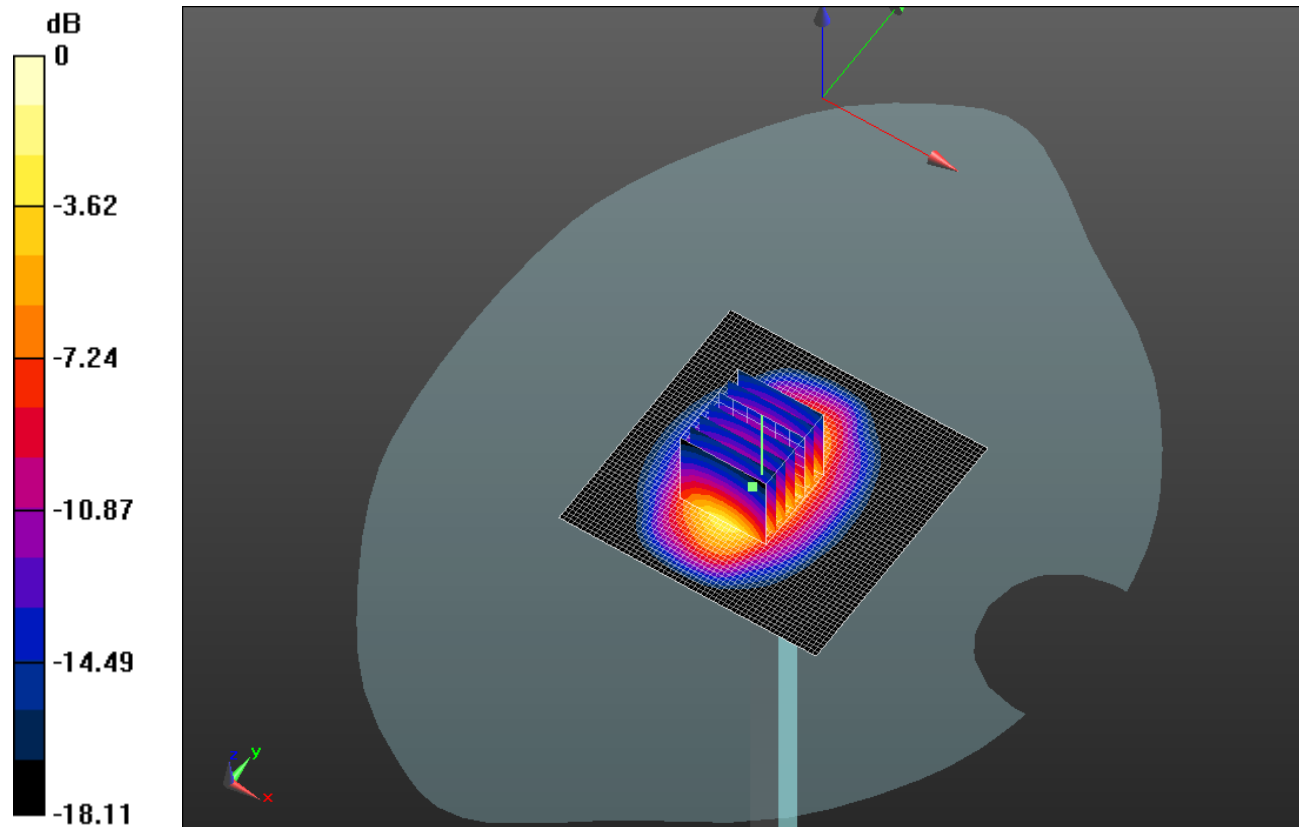
Head/Pin=100 mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 56.950 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 7.14 W/kg

SAR(1 g) = 3.85 W/kg; SAR(10 g) = 2 W/kg

Maximum value of SAR (measured) = 5.20 W/kg



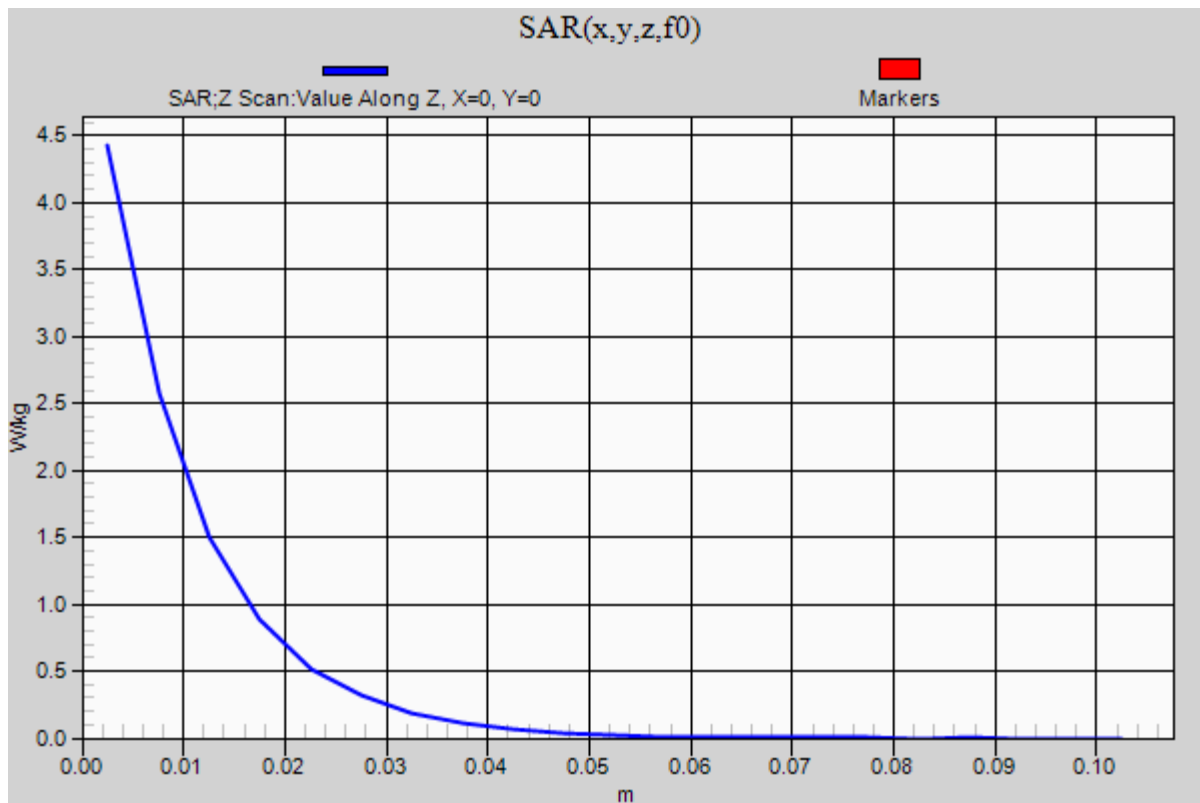
0 dB = 5.20 W/kg = 7.16 dBW/kg

2014513_SystemPerformanceCheck-D1900V2 SN 5d163

Frequency: 1900 MHz; Duty Cycle: 1:1

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

Maximum value of SAR (measured) = 4.43 W/kg



2014513_SystemPerformanceCheck-D1900V2 SN 5d163

Frequency: 1900 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C

Medium parameters used: $f = 1900$ MHz; $\sigma = 1.5$ S/m; $\epsilon_r = 52.057$; $\rho = 1000$ kg/m³

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Averaged Fast SAR: Polynomial fit
- Electronics: DAE3 Sn427; Calibrated: 1/21/2014
- Probe: EX3DV4 - SN3871; ConvF(7.59, 7.59, 7.59); Calibrated: 12/11/2013;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI-B v5.0; Type: QDOVA002AA; Serial: TP:1195

Body/Pin=100 mW/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Reference Value = 56.950 V/m; Power Drift = 0.10 dB

Fast SAR: SAR(1 g) = 3.83 W/kg; SAR(10 g) = 1.96 W/kg

Maximum value of SAR (interpolated) = 5.08 W/kg

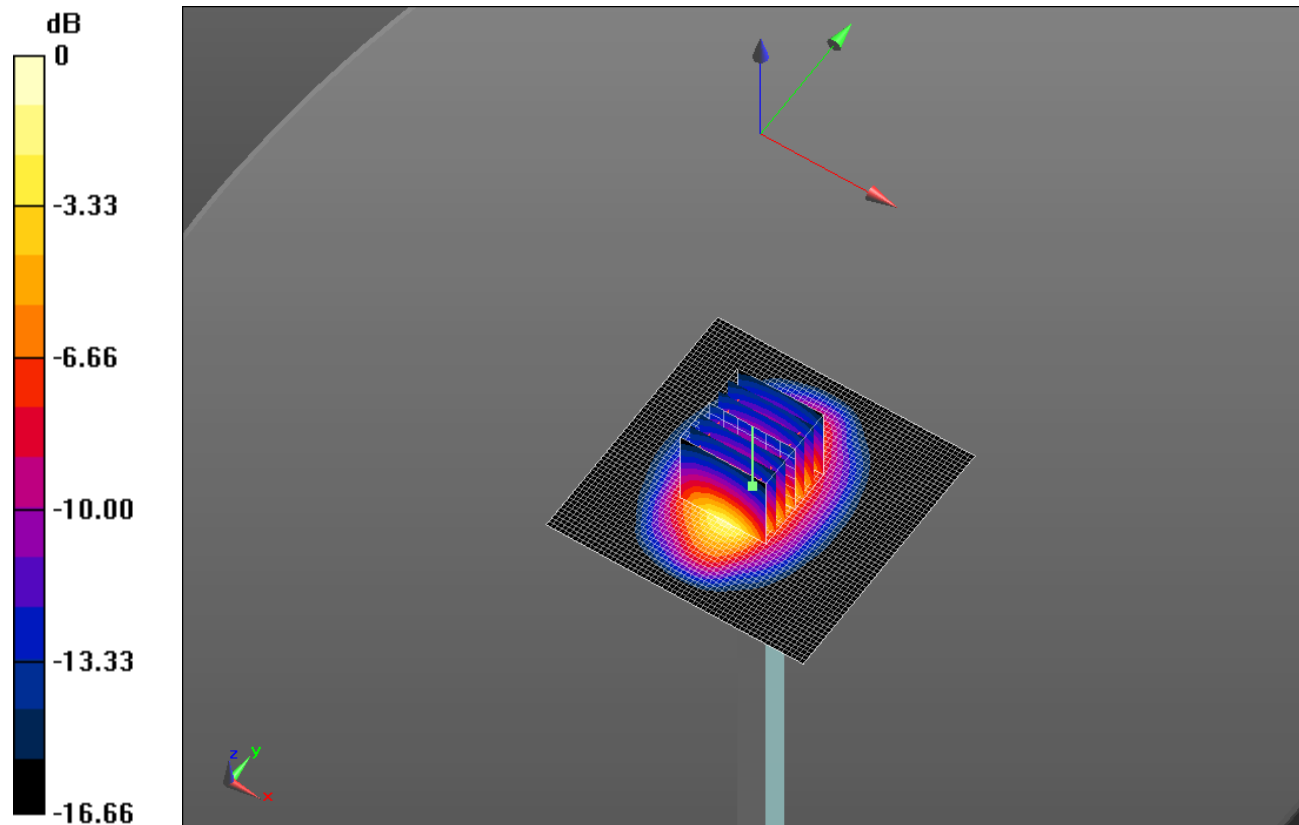
Body/Pin=100 mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 56.950 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 6.82 W/kg

SAR(1 g) = 3.85 W/kg; SAR(10 g) = 2.03 W/kg

Maximum value of SAR (measured) = 5.17 W/kg



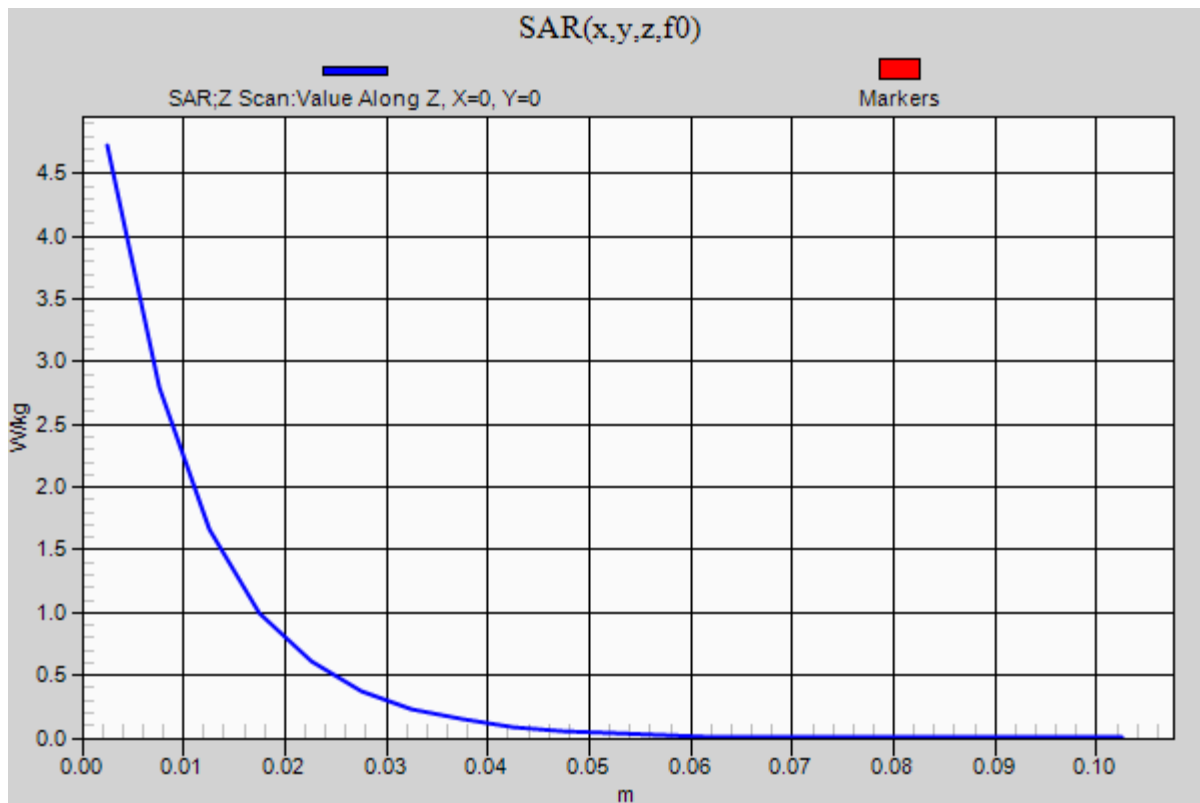
0 dB = 5.17 W/kg = 7.13 dBW/kg

2014513_SystemPerformanceCheck-D1900V2 SN 5d163

Frequency: 1900 MHz; Duty Cycle: 1:1

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

Maximum value of SAR (measured) = 4.72 W/kg



20141205_SystemPerformanceCheck-D835V2 SN 4d002

Frequency: 835 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C

Medium parameters used: $f = 835$ MHz; $\sigma = 1.017$ S/m; $\epsilon_r = 53.502$; $\rho = 1000$ kg/m³

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Averaged Fast SAR: Polynomial fit
- Electronics: DAE4 Sn1359; Calibrated: 2/17/2014
- Probe: EX3DV3 - SN3531; ConvF(10.36, 10.36, 10.36); Calibrated: 11/21/2013;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI B v4.0; Type: QDOVA002AA; Serial: 1196

Body/Pin=100 mW/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Reference Value = 28.266 V/m; Power Drift = -0.06 dB

Fast SAR: SAR(1 g) = 1.03 W/kg; SAR(10 g) = 0.690 W/kg

Maximum value of SAR (interpolated) = 1.22 W/kg

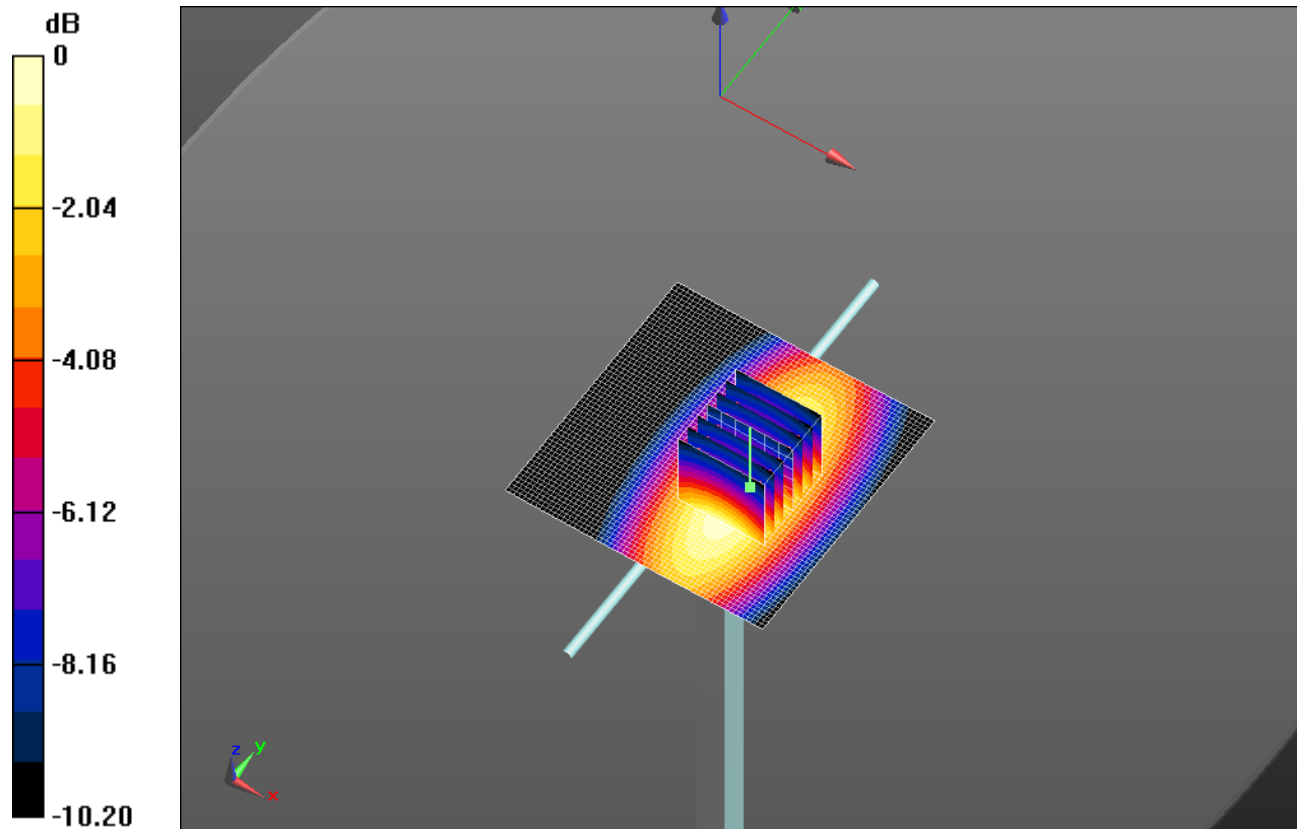
Body/Pin=100 mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 28.266 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 1.49 W/kg

SAR(1 g) = 1.01 W/kg; SAR(10 g) = 0.672 W/kg

Maximum value of SAR (measured) = 1.23 W/kg



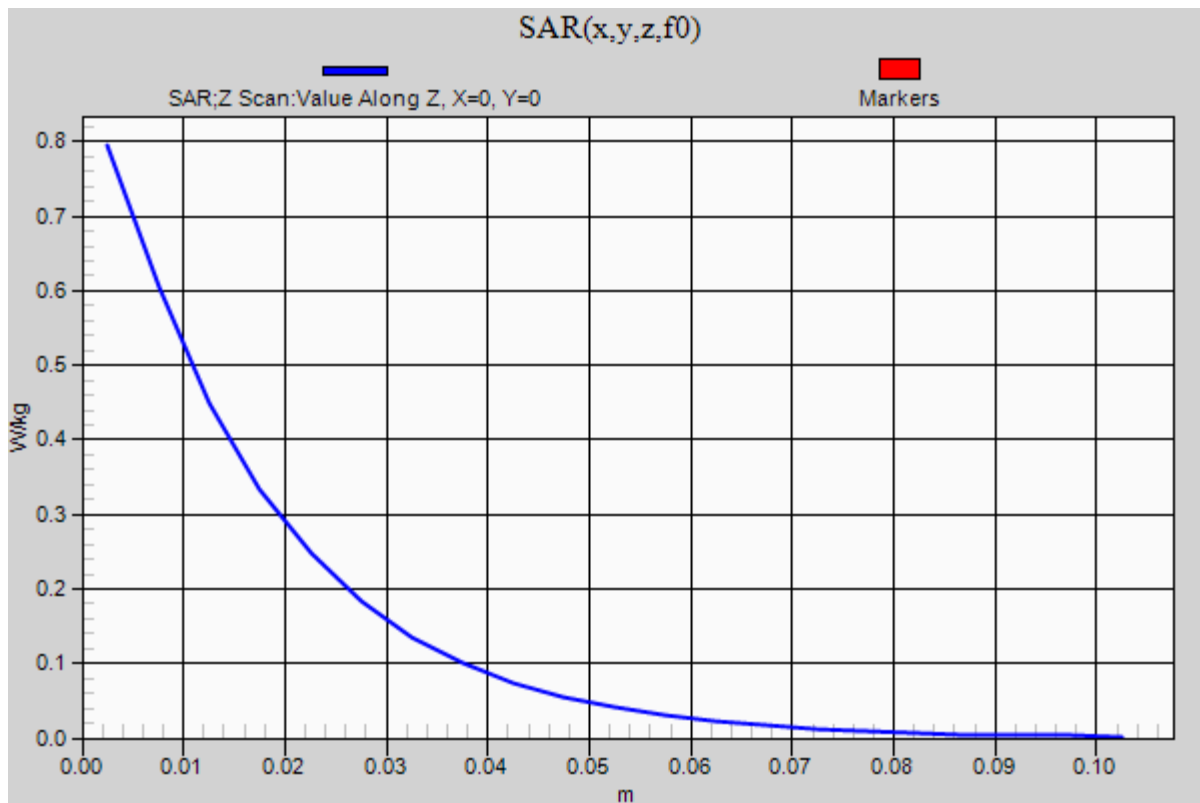
0 dB = 1.23 W/kg = 0.90 dBW/kg

20141205_SystemPerformanceCheck-D835V2 SN 4d002

Frequency: 835 MHz; Duty Cycle: 1:1

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

Maximum value of SAR (measured) = 0.795 W/kg



20140514_SystemPerformanceCheck-D835V2 SN 4d002

Frequency: 835 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used: $f = 835$ MHz; $\sigma = 0.901$ S/m; $\epsilon_r = 40.768$; $\rho = 1000$ kg/m³

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Averaged Fast SAR: Polynomial fit
- Electronics: DAE4 Sn1359; Calibrated: 2/17/2014
- Probe: EX3DV3 - SN3531; ConvF(10.42, 10.42, 10.42); Calibrated: 11/21/2013;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: SAM with CRP; Type: SAM;

Head/Pin=100 mW/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Reference Value = 35.584 V/m; Power Drift = -0.04 dB

Fast SAR: SAR(1 g) = 0.999 W/kg; SAR(10 g) = 0.672 W/kg

Maximum value of SAR (interpolated) = 1.18 W/kg

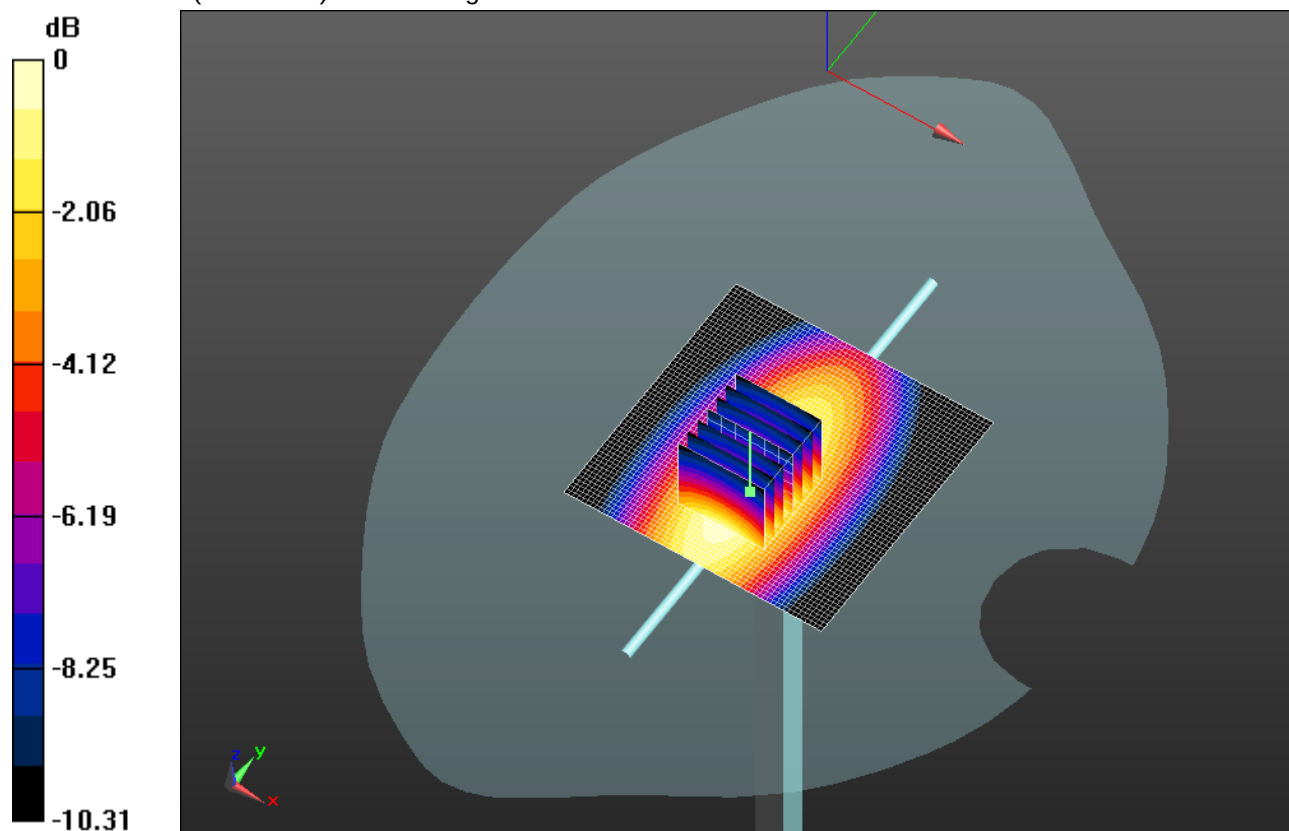
Head/Pin=100 mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 35.584 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 1.42 W/kg

SAR(1 g) = 0.968 W/kg; SAR(10 g) = 0.639 W/kg

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



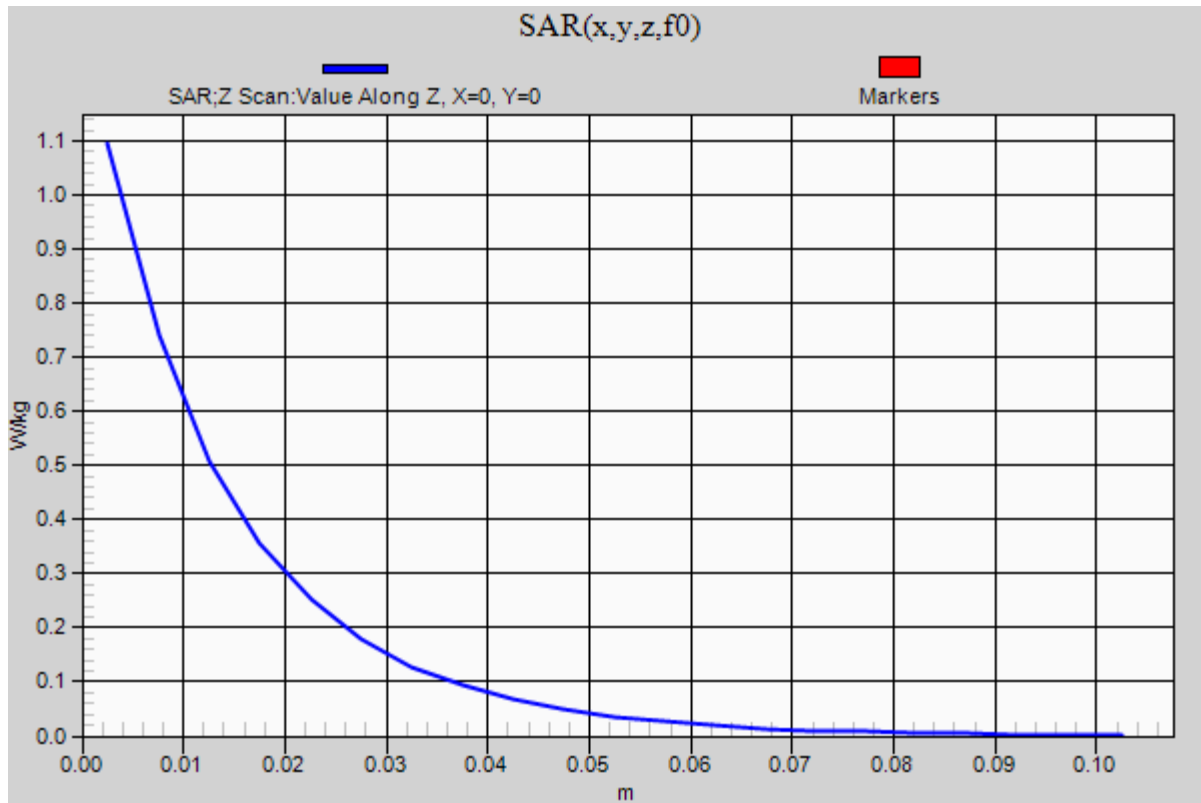
0 dB = 1.17 W/kg = 0.68 dBW/kg

20140514_SystemPerformanceCheck-D835V2 SN 4d002

Frequency: 835 MHz; Duty Cycle: 1:1

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

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



05132014_SystemPerformanceCheck-D2450V2 SN 899

Frequency: 2450 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C

Medium parameters used: $f = 2450$ MHz; $\sigma = 1.862$ S/m; $\epsilon_r = 39.2$; $\rho = 1000$ kg/m³

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Averaged Fast SAR: Polynomial fit
- Electronics: DAE4 Sn1377; Calibrated: 7/15/2013
- Probe: EX3DV4 - SN3773; ConvF(6.52, 6.52, 6.52); Calibrated: 4/22/2014;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: SAM with CRP; Type: QD000P40CD; Serial: 1768

Head/Pin=100 mW/Area Scan (71x71x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Reference Value = 61.514 V/m; Power Drift = 0.01 dB

Fast SAR: SAR(1 g) = 5.35 W/kg; SAR(10 g) = 2.33 W/kg

Maximum value of SAR (interpolated) = 7.84 W/kg

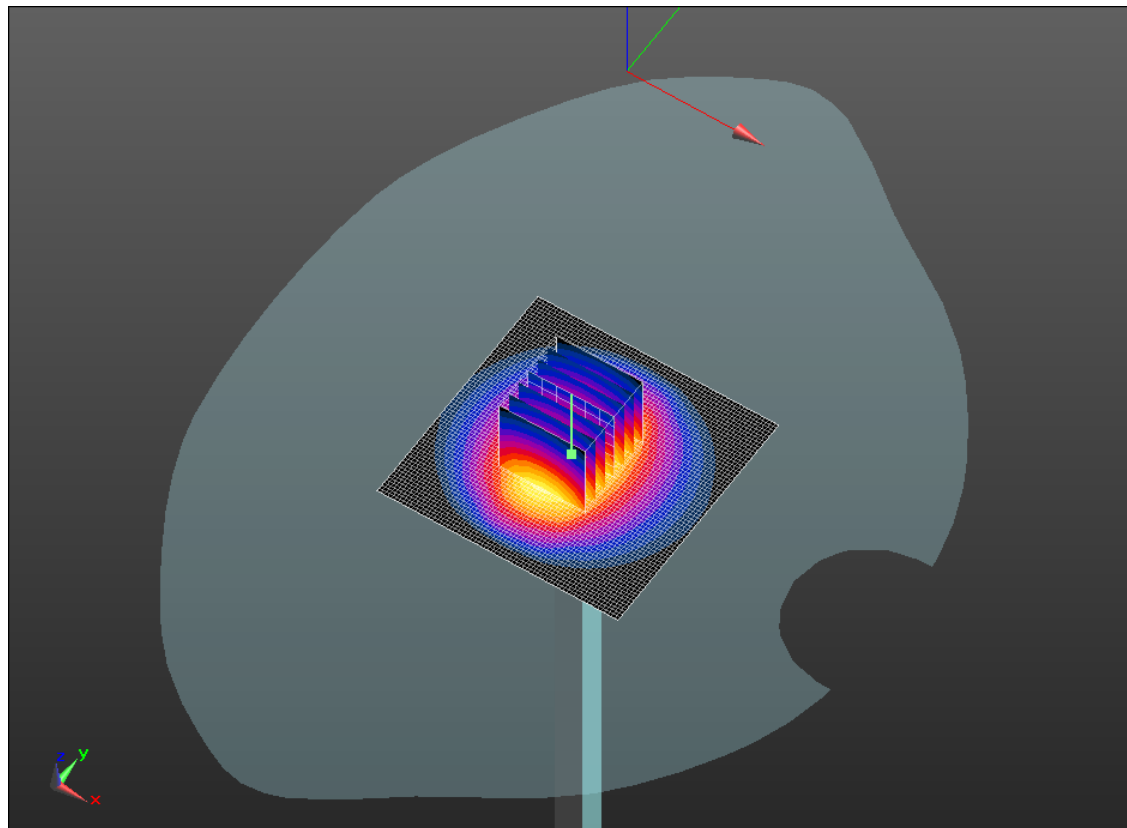
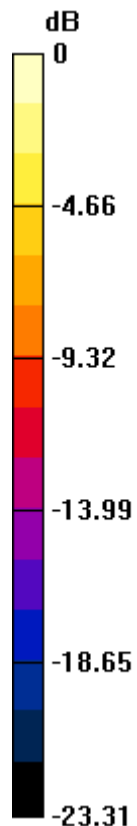
Head/Pin=100 mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 61.514 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 11.2 W/kg

SAR(1 g) = 5.33 W/kg; SAR(10 g) = 2.42 W/kg

Maximum value of SAR (measured) = 7.66 W/kg



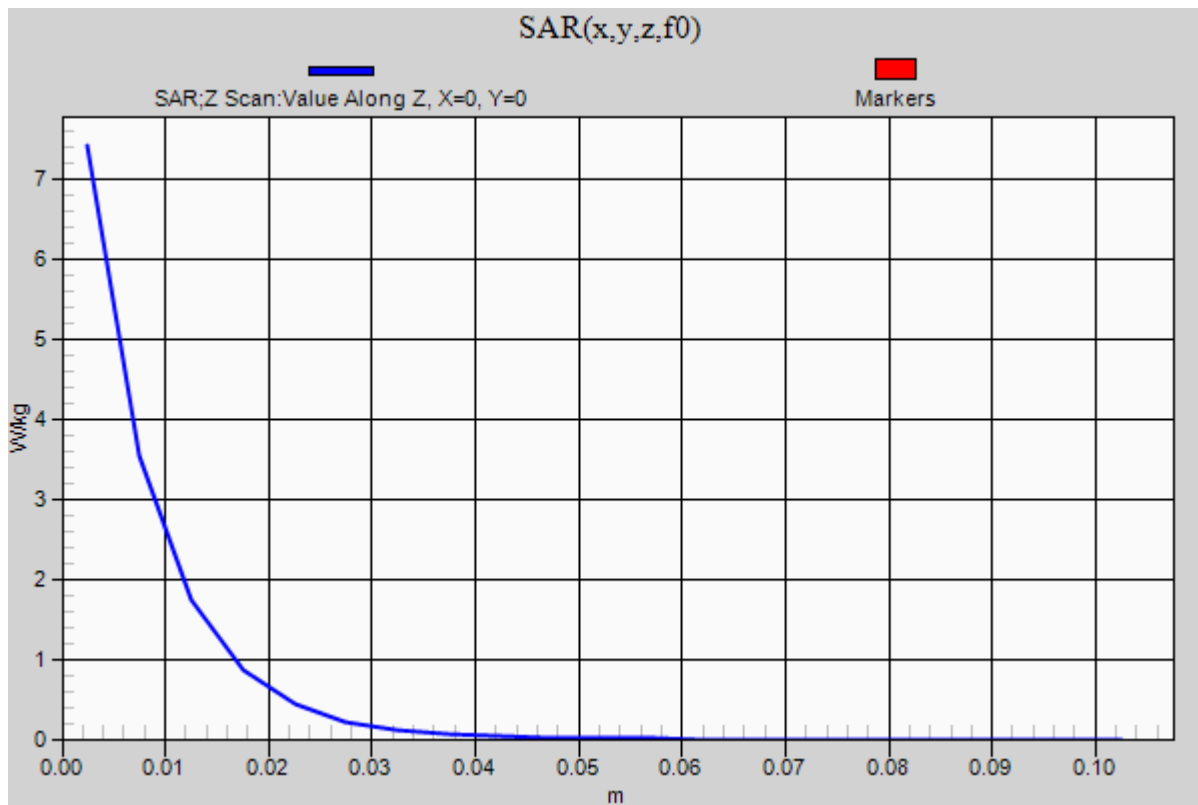
0 dB = 7.66 W/kg = 8.84 dBW/kg

05132014_SystemPerformanceCheck-D2450V2 SN 899

Frequency: 2450 MHz; Duty Cycle: 1:1

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

Maximum value of SAR (measured) = 7.42 W/kg



05132014_SystemPerformanceCheck-D2450V2 SN 899

Frequency: 2450 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used: $f = 2450$ MHz; $\sigma = 2.021$ S/m; $\epsilon_r = 50.734$; $\rho = 1000$ kg/m³

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Averaged Fast SAR: Polynomial fit
- Electronics: DAE4 Sn1377; Calibrated: 7/15/2013
- Probe: EX3DV4 - SN3773; ConvF(6.67, 6.67, 6.67); Calibrated: 4/22/2014;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI-B v5.0; Type: QDOVA001BB; Serial: 1215

Body/Pin=100 mW/Area Scan (71x71x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Reference Value = 61.514 V/m; Power Drift = 0.01 dB

Fast SAR: SAR(1 g) = 5.29 W/kg; SAR(10 g) = 2.29 W/kg

Maximum value of SAR (interpolated) = 7.76 W/kg

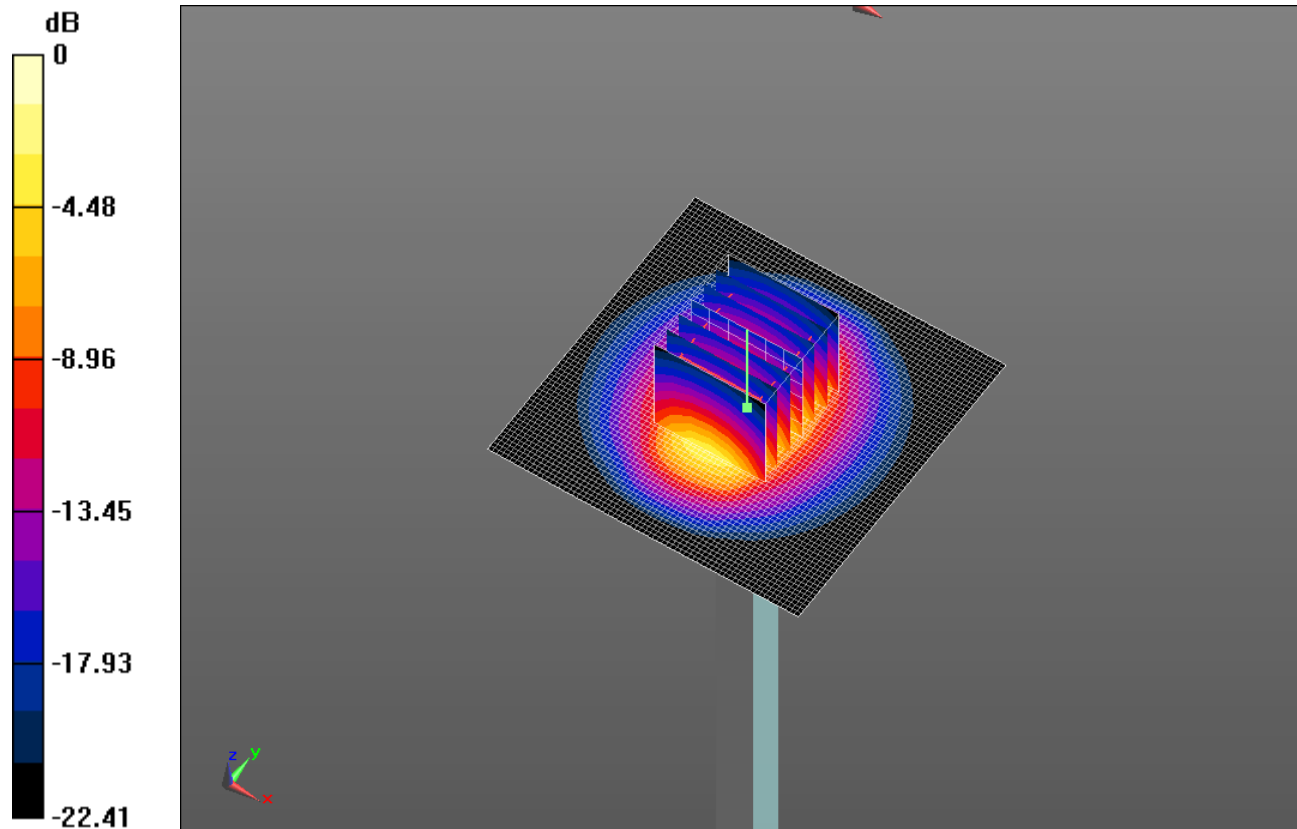
Body/Pin=100 mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 61.514 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 11.2 W/kg

SAR(1 g) = 5.35 W/kg; SAR(10 g) = 2.45 W/kg

Maximum value of SAR (measured) = 7.65 W/kg



0 dB = 7.65 W/kg = 8.84 dBW/kg

05132014_SystemPerformanceCheck-D2450V2 SN 899

Frequency: 2450 MHz; Duty Cycle: 1:1

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

Maximum value of SAR (measured) = 7.63 W/kg

