

20130409_SystemPerformanceCheck-D1900V2 SN 5d043

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

Medium parameters used: $f = 1900$ MHz; $\sigma = 1.415$ S/m; $\epsilon_r = 39.219$; $\rho = 1000$ 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 Sn1352; Calibrated: 10/8/2012
- Probe: EX3DV4 - SN3885; ConvF(7.66, 7.66, 7.66); Calibrated: 10/9/2012;
- 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 = 63.326 V/m; Power Drift = -0.02 dB

Fast SAR: SAR(1 g) = 4.26 W/kg; SAR(10 g) = 2.18 W/kg

Maximum value of SAR (interpolated) = 5.65 W/kg

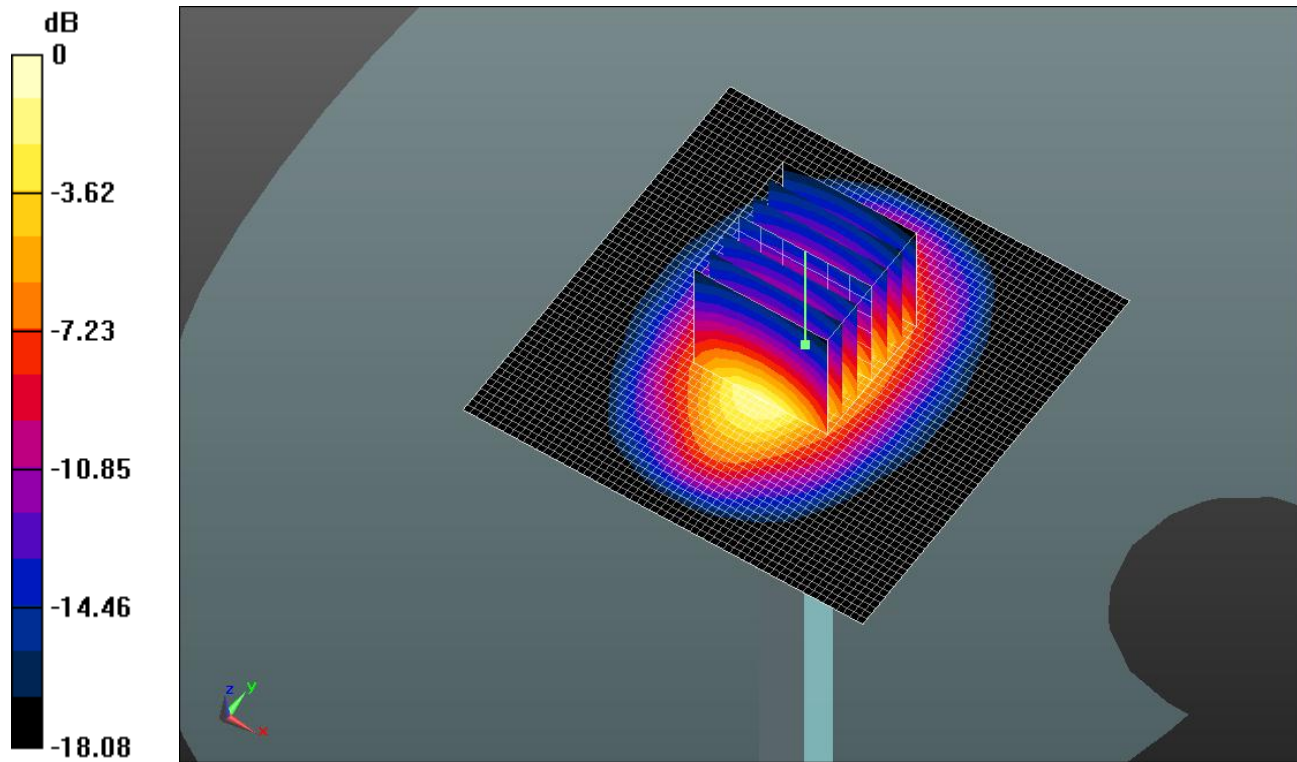
Head/Pin=100 mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 63.326 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 7.81 W/kg

SAR(1 g) = 4.11 W/kg; SAR(10 g) = 2.12 W/kg

Maximum value of SAR (measured) = 5.60 W/kg

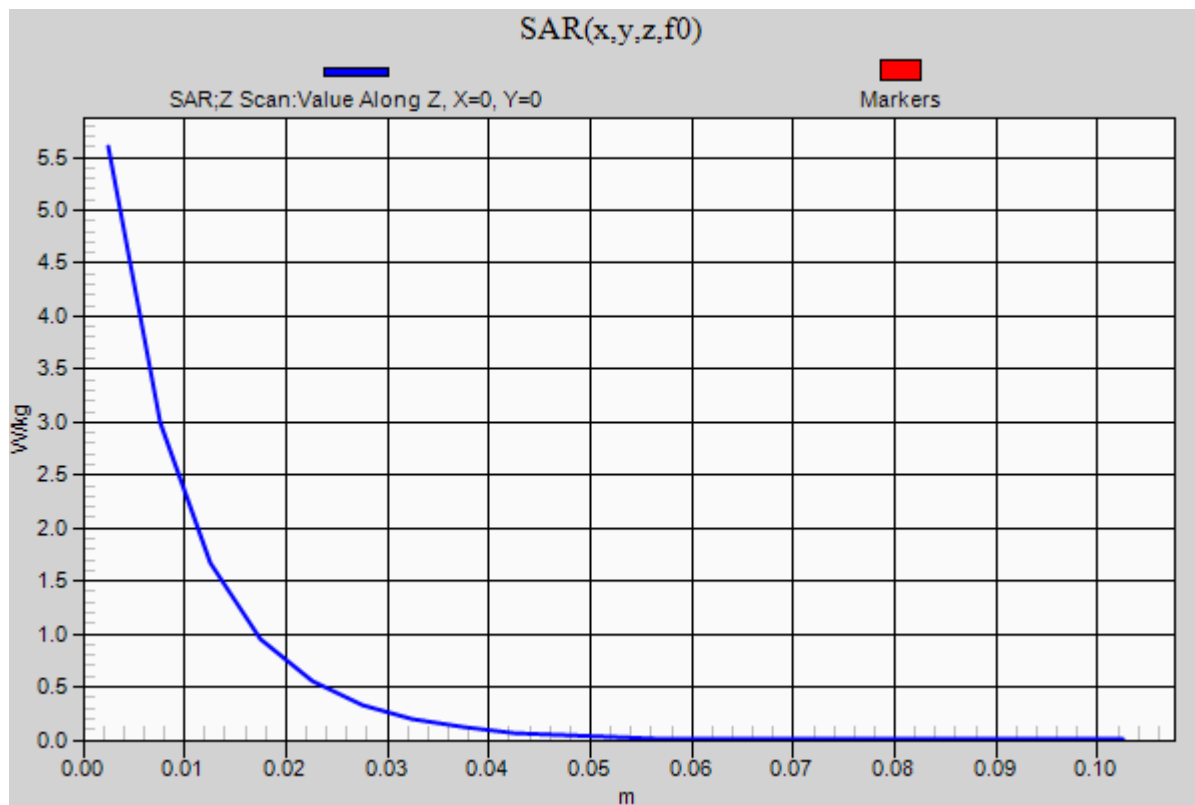


0 dB = 5.60 W/kg = 7.48 dBW/kg

20130409_SystemPerformanceCheck-D1900V2 SN 5d043

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) = 5.60 W/kg



20130409_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; $\sigma = 0.906$ S/m; $\epsilon_r = 40.673$; $\rho = 1000$ 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 Sn1357; Calibrated: 2/5/2013
- Probe: EX3DV4 - SN3901; ConvF(9.98, 9.98, 9.98); Calibrated: 2/13/2013;
- 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 = 37.138 V/m; Power Drift = -0.03 dB

Fast SAR: SAR(1 g) = 1.05 W/kg; SAR(10 g) = 0.705 W/kg

Maximum value of SAR (interpolated) = 1.24 W/kg

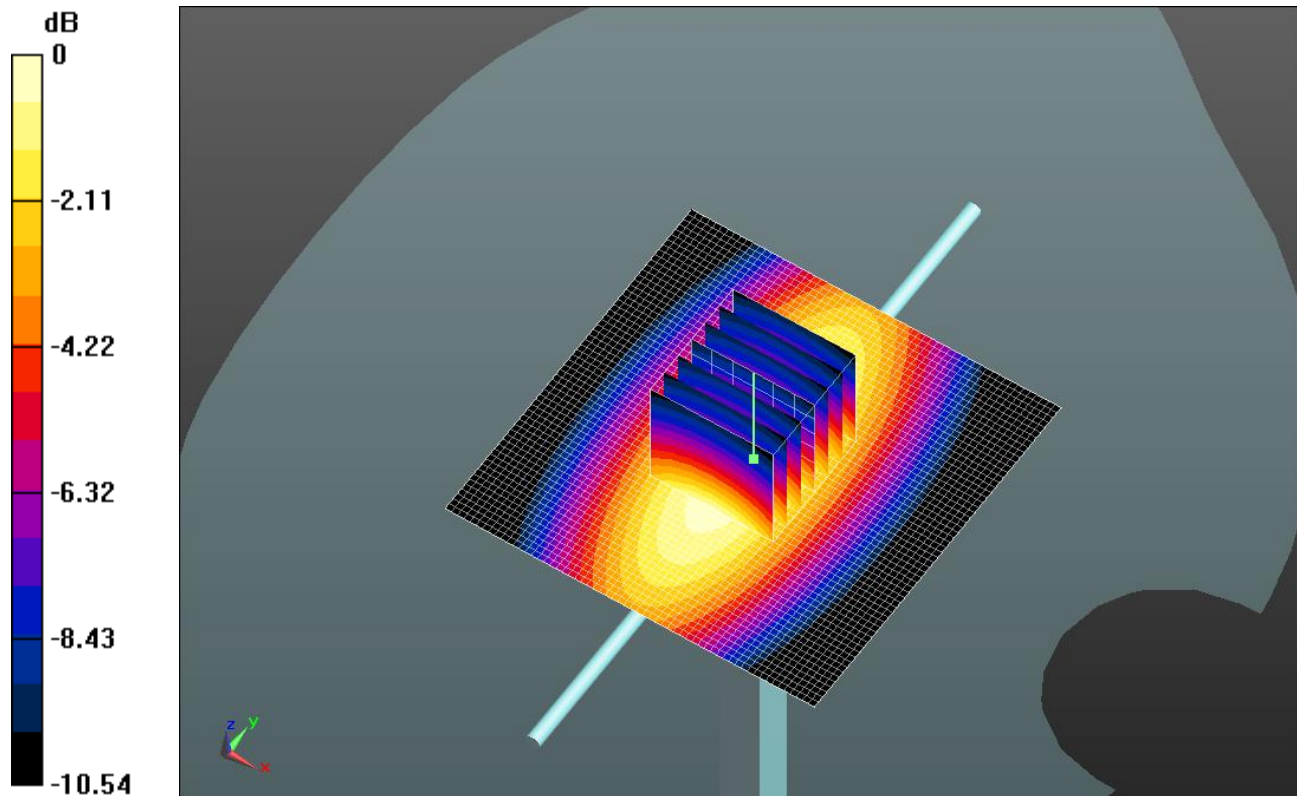
Head/Pin=100 mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 37.138 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 1.55 W/kg

SAR(1 g) = 1.02 W/kg; SAR(10 g) = 0.664 W/kg

Maximum value of SAR (measured) = 1.24 W/kg

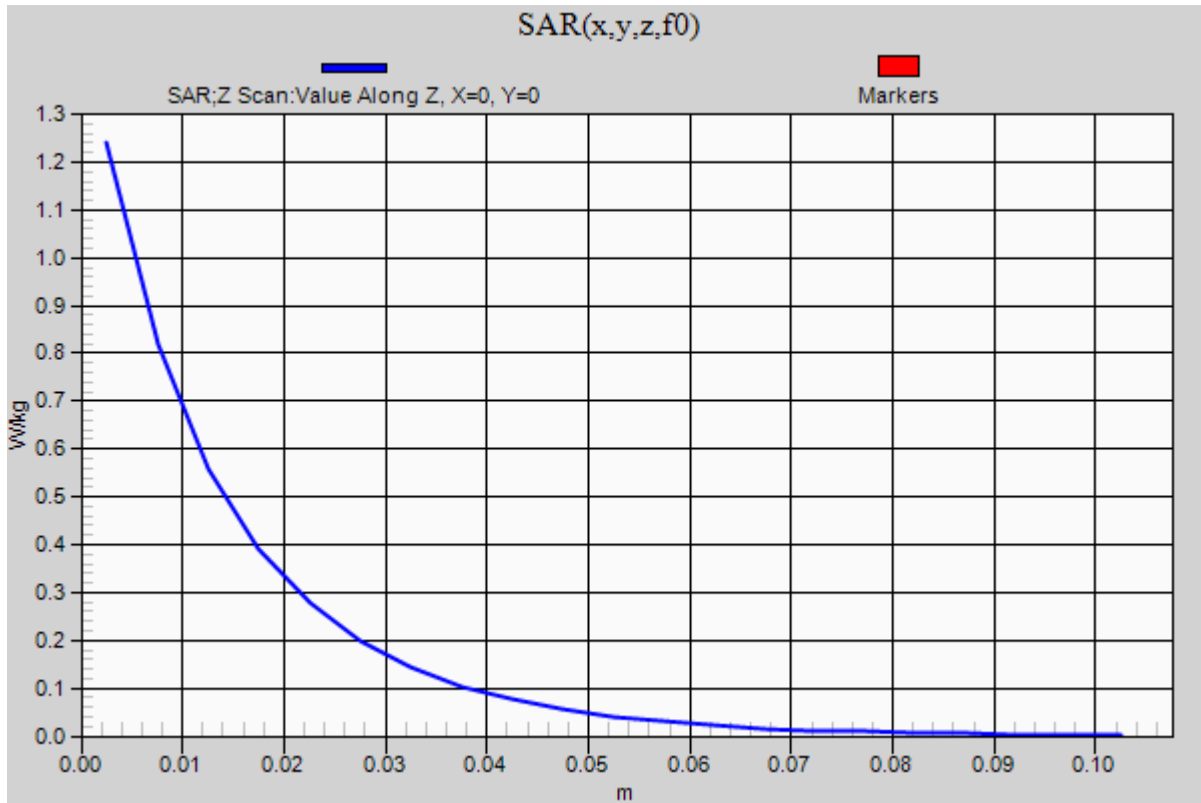


0 dB = 1.24 W/kg = 0.93 dBW/kg

20130409_SystemPerformanceCheck-D835V2 SN 4d002 - Copy

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) = 1.24 W/kg



20130409_SystemPerformanceCheck-D2450V2 SN 899

Frequency: 2450 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 25.0°C; Liquid Temperature: 24.0°C
Medium parameters used: $f = 2450$ MHz; $\sigma = 1.952$ S/m; $\epsilon_r = 51.228$; $\rho = 1000$ 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 Sn1352; Calibrated: 10/8/2012
- Probe: EX3DV4 - SN3885; ConvF(6.8, 6.8, 6.8); Calibrated: 10/9/2012;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (B); Type: QDOVA001BB; Serial: 1185

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

Reference Value = 61.391 V/m; Power Drift = -0.06 dB

Fast SAR: SAR(1 g) = 5.38 W/kg; SAR(10 g) = 2.3 W/kg

Maximum value of SAR (interpolated) = 7.93 W/kg

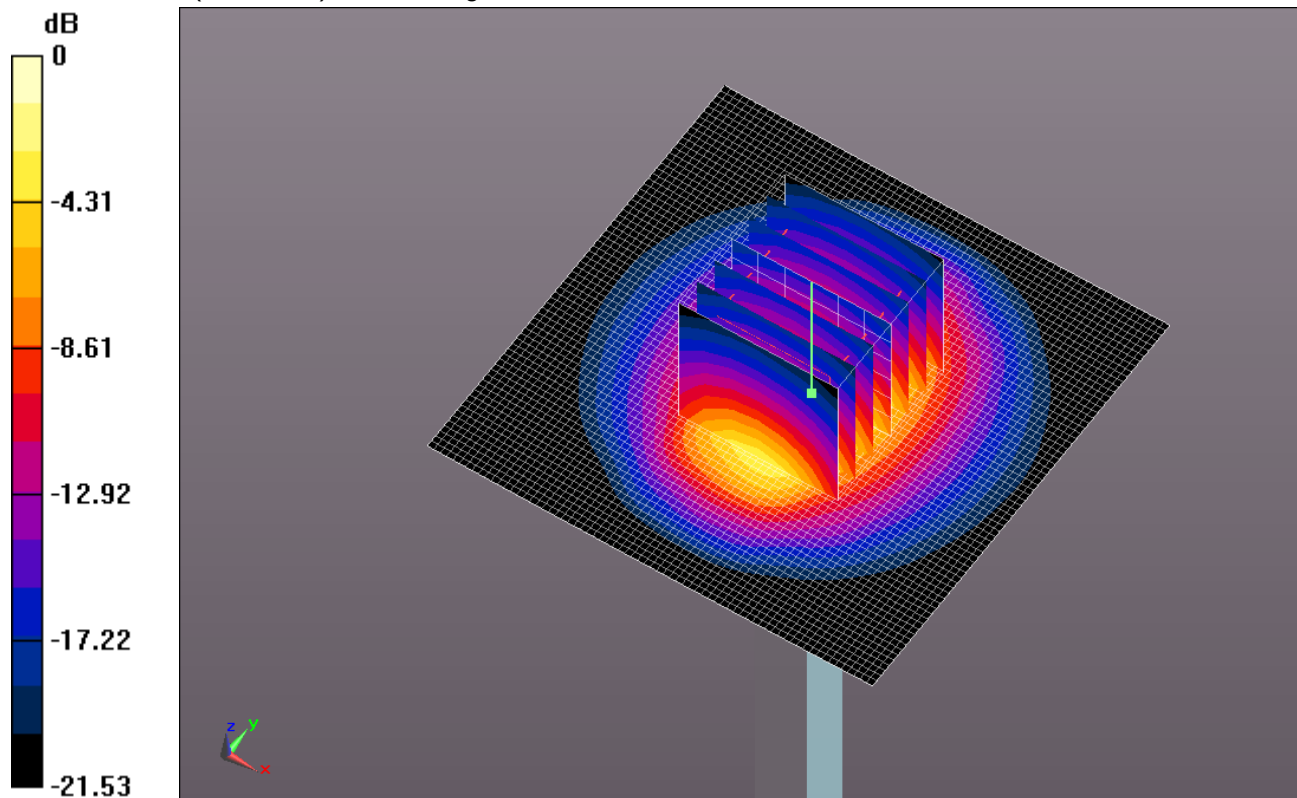
Body/Pin=100 mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 61.391 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 11.3 W/kg

SAR(1 g) = 5.43 W/kg; SAR(10 g) = 2.52 W/kg

Maximum value of SAR (measured) = 7.75 W/kg

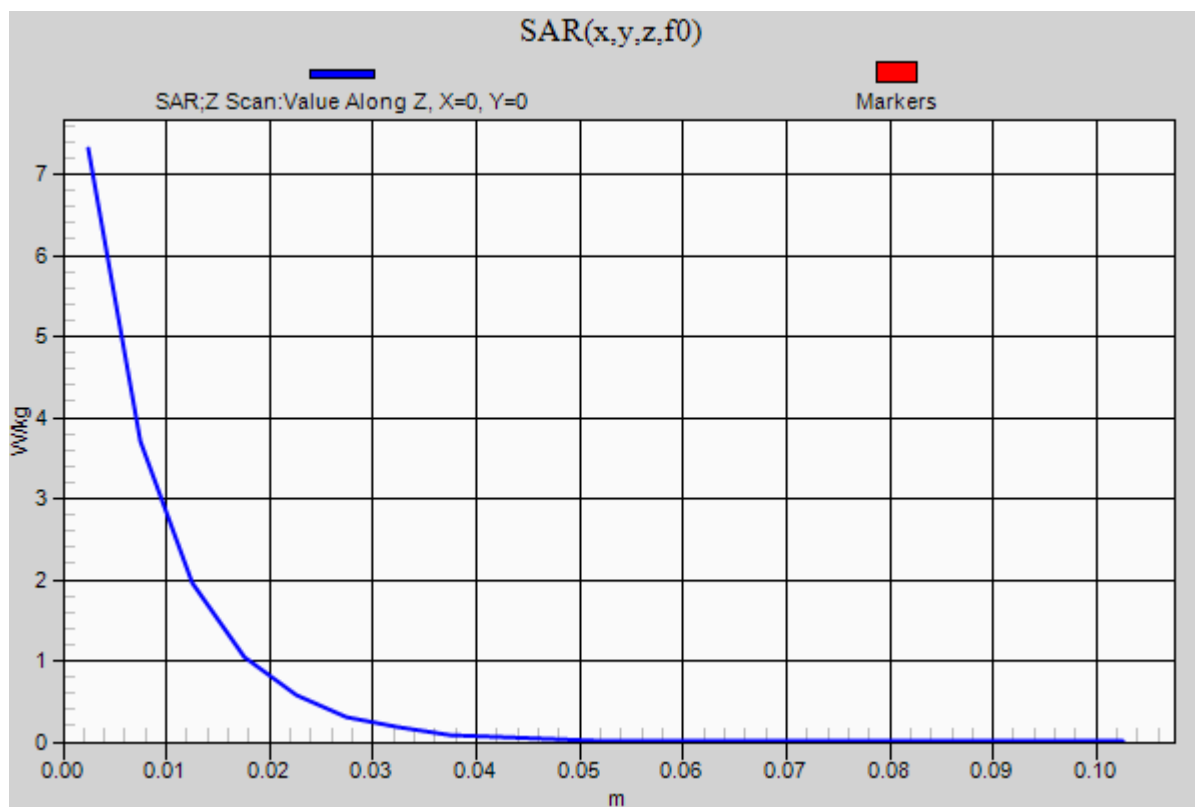


0 dB = 7.75 W/kg = 8.89 dBW/kg

20130409_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) = 7.31 W/kg



20130411_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; $\sigma = 0.998$ S/m; $\epsilon_r = 53.716$; $\rho = 1000$ 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 Sn1357; Calibrated: 2/5/2013
- Probe: EX3DV4 - SN3901; ConvF(9.82, 9.82, 9.82); Calibrated: 2/13/2013;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 B; Type: QDOVA002AA; Serial: 1180

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

Reference Value = 35.114 V/m; Power Drift = 0.01 dB

Fast SAR: SAR(1 g) = 1.03 W/kg; SAR(10 g) = 0.692 W/kg

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

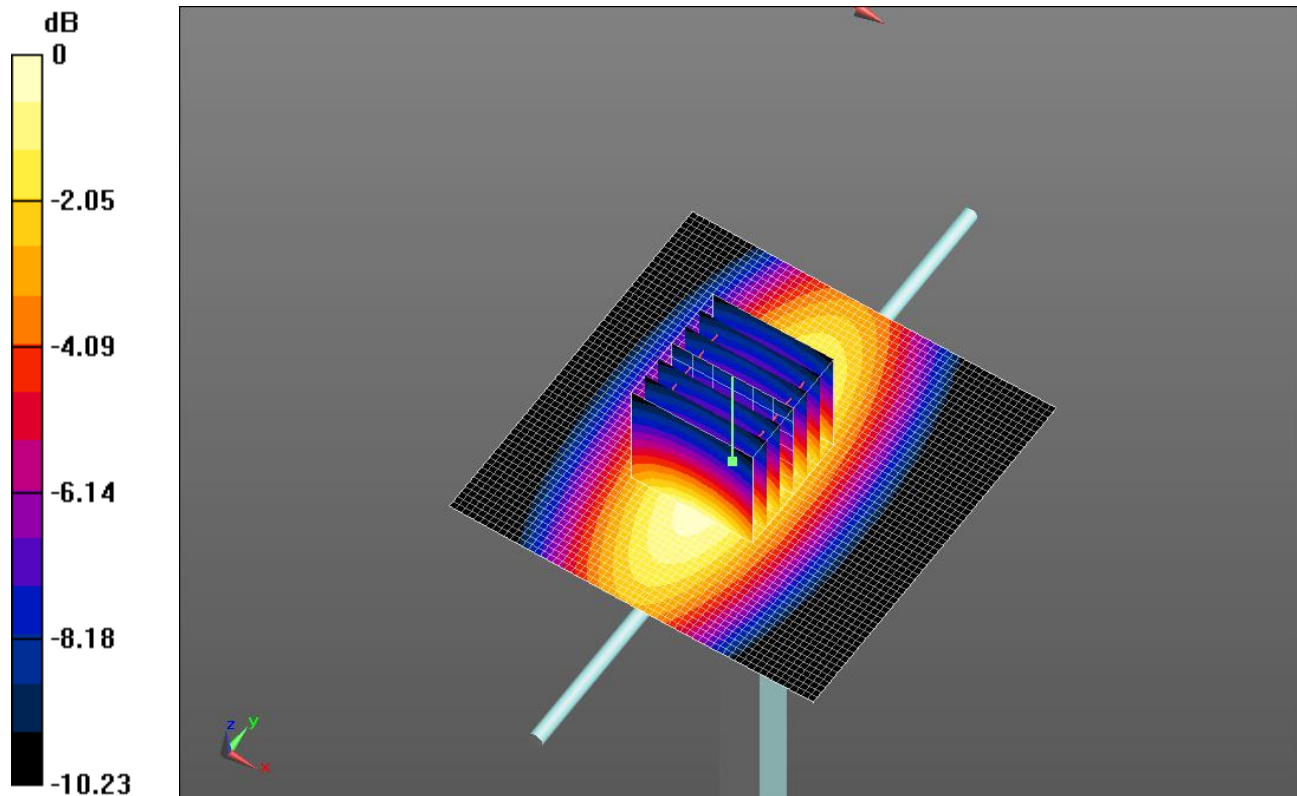
Body/Pin=100 mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 35.114 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 1.50 W/kg

SAR(1 g) = 1.01 W/kg; SAR(10 g) = 0.669 W/kg

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



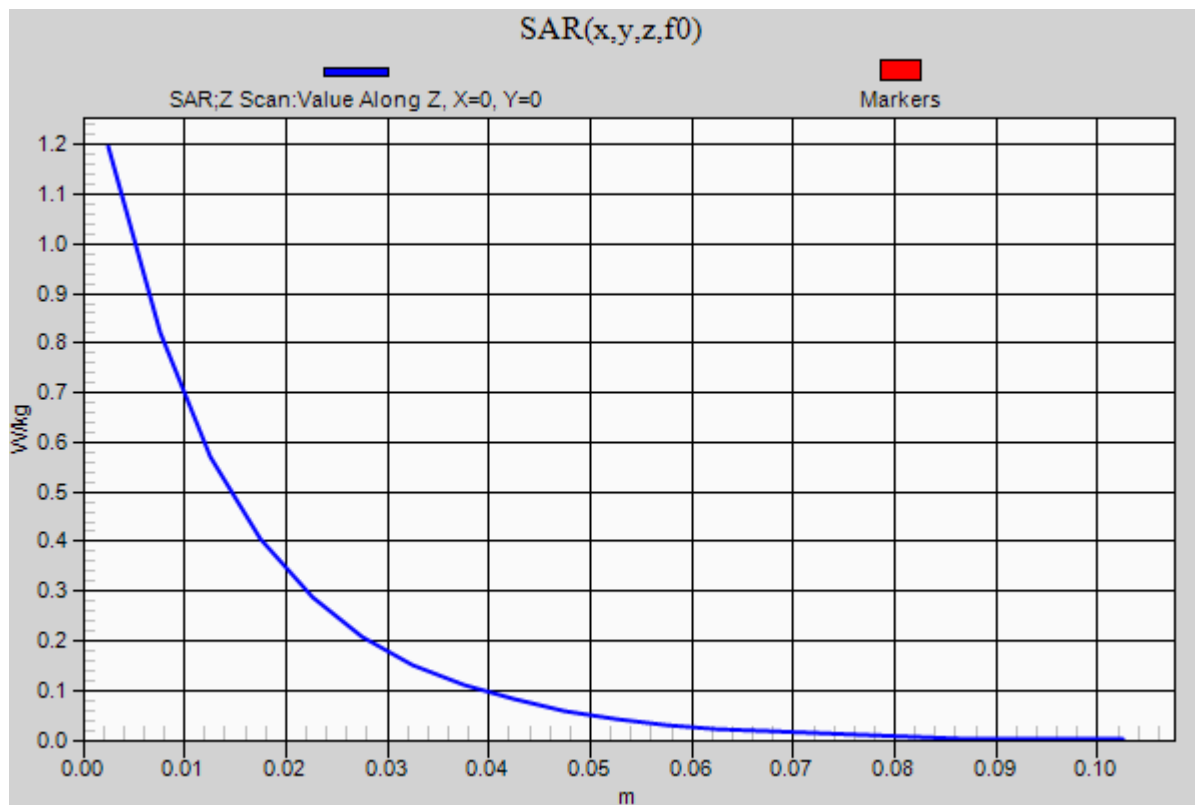
0 dB = 1.23 W/kg = 0.90 dBW/kg

20130411_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) = 1.20 W/kg



20130411_SystemPerformanceCheck-D1900V2 SN 5d043

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

Medium parameters used: $f = 1900$ MHz; $\sigma = 1.547$ S/m; $\epsilon_r = 51.798$; $\rho = 1000$ 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 Sn1352; Calibrated: 10/8/2012
- Probe: EX3DV4 - SN3885; ConvF(7.67, 7.67, 7.67); Calibrated: 10/9/2012;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (A); Type: QDOVA001BB; Serial: 1187

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

Reference Value = 58.892 V/m; Power Drift = 0.05 dB

Fast SAR: SAR(1 g) = 3.99 W/kg; SAR(10 g) = 2.01 W/kg

Maximum value of SAR (interpolated) = 5.33 W/kg

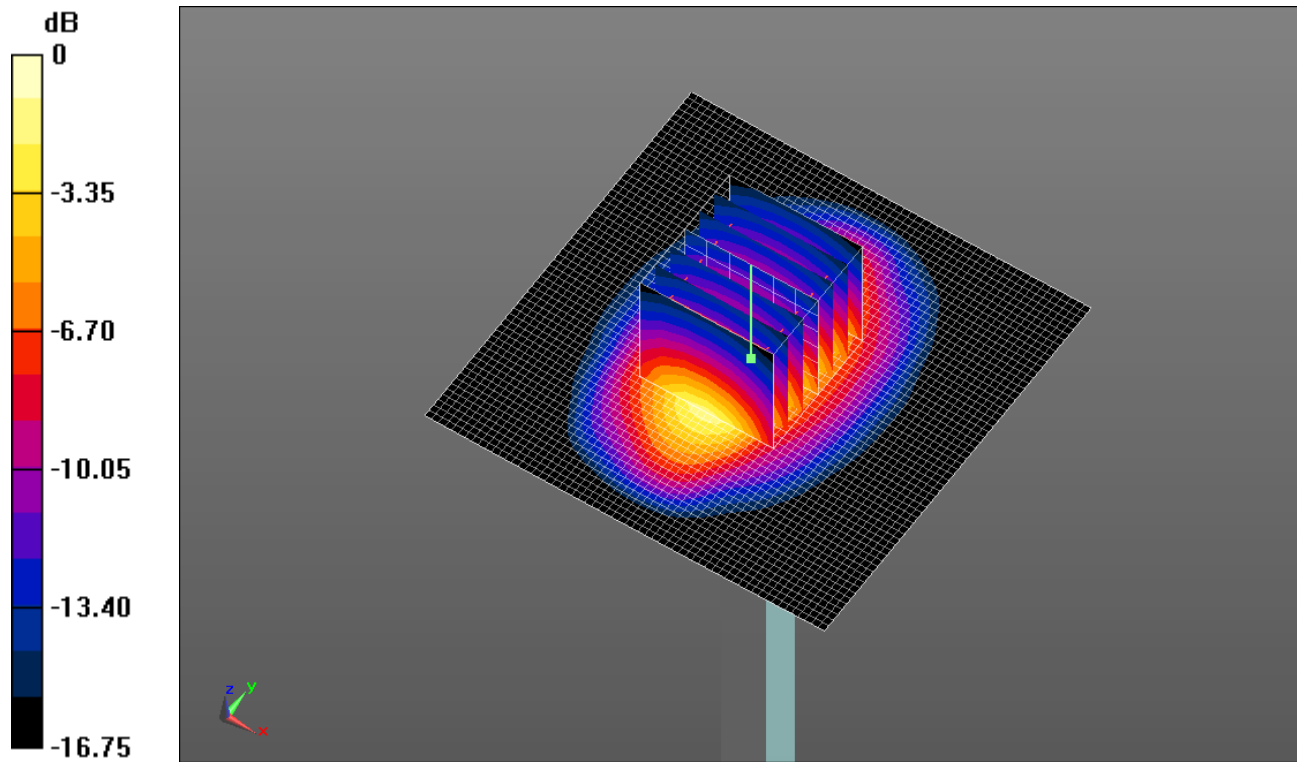
Body/Pin=100 mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 58.892 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 7.16 W/kg

SAR(1 g) = 3.99 W/kg; SAR(10 g) = 2.1 W/kg

Maximum value of SAR (measured) = 5.38 W/kg

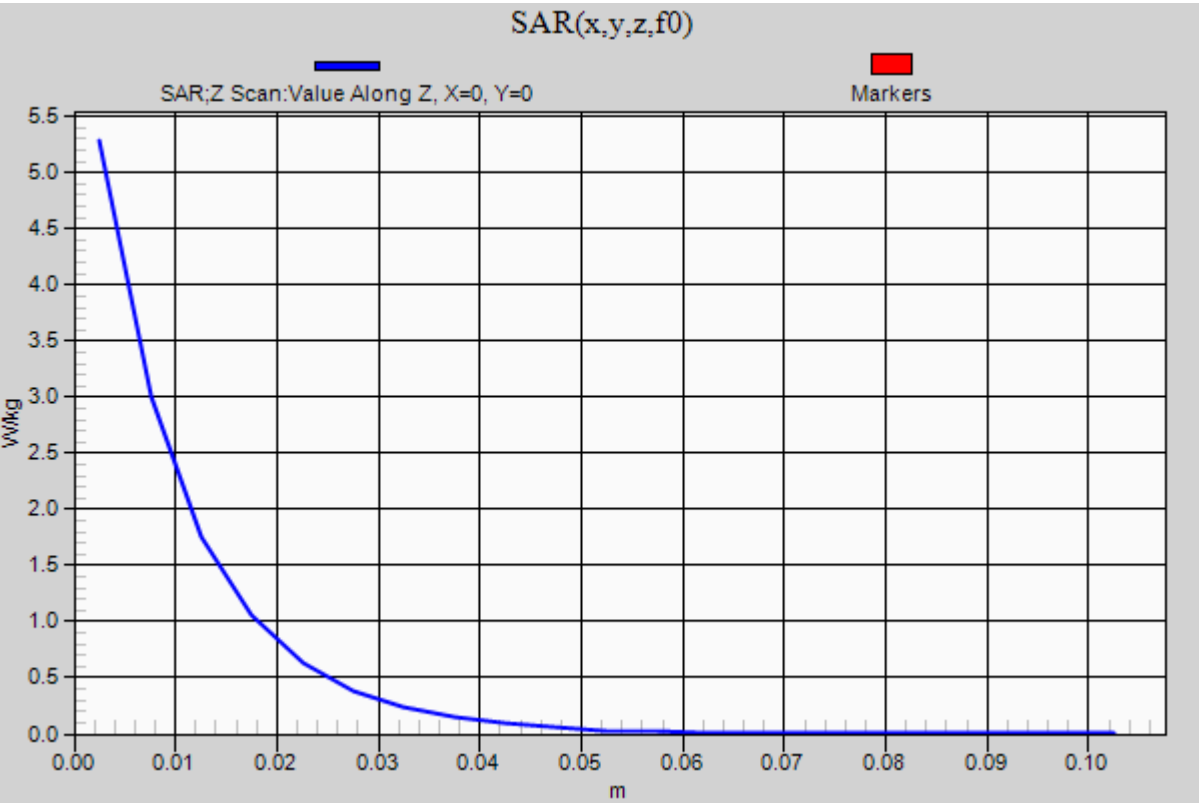


0 dB = 5.38 W/kg = 7.31 dBW/kg

20130411_SystemPerformanceCheck-D1900V2 SN 5d043

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) = 5.28 W/kg



20130416_SystemPerformanceCheck-D2450V2 SN 899

Frequency: 2450 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 25.0°C; Liquid Temperature: 24.0°C

Medium parameters used: $f = 2450$ MHz; $\sigma = 1.853$ S/m; $\epsilon_r = 38.229$; $\rho = 1000$ 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 Sn500; Calibrated: 6/13/2012
- Probe: EX3DV4 - SN3686; ConvF(6.82, 6.82, 6.82); Calibrated: 3/11/2013;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: SAM v5.0 ; Type: QD000P40CD; Serial: TP:xxxx

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

Reference Value = 64.687 V/m; Power Drift = 0.04 dB

Fast SAR: SAR(1 g) = 5.72 W/kg; SAR(10 g) = 2.49 W/kg

Maximum value of SAR (interpolated) = 8.35 W/kg

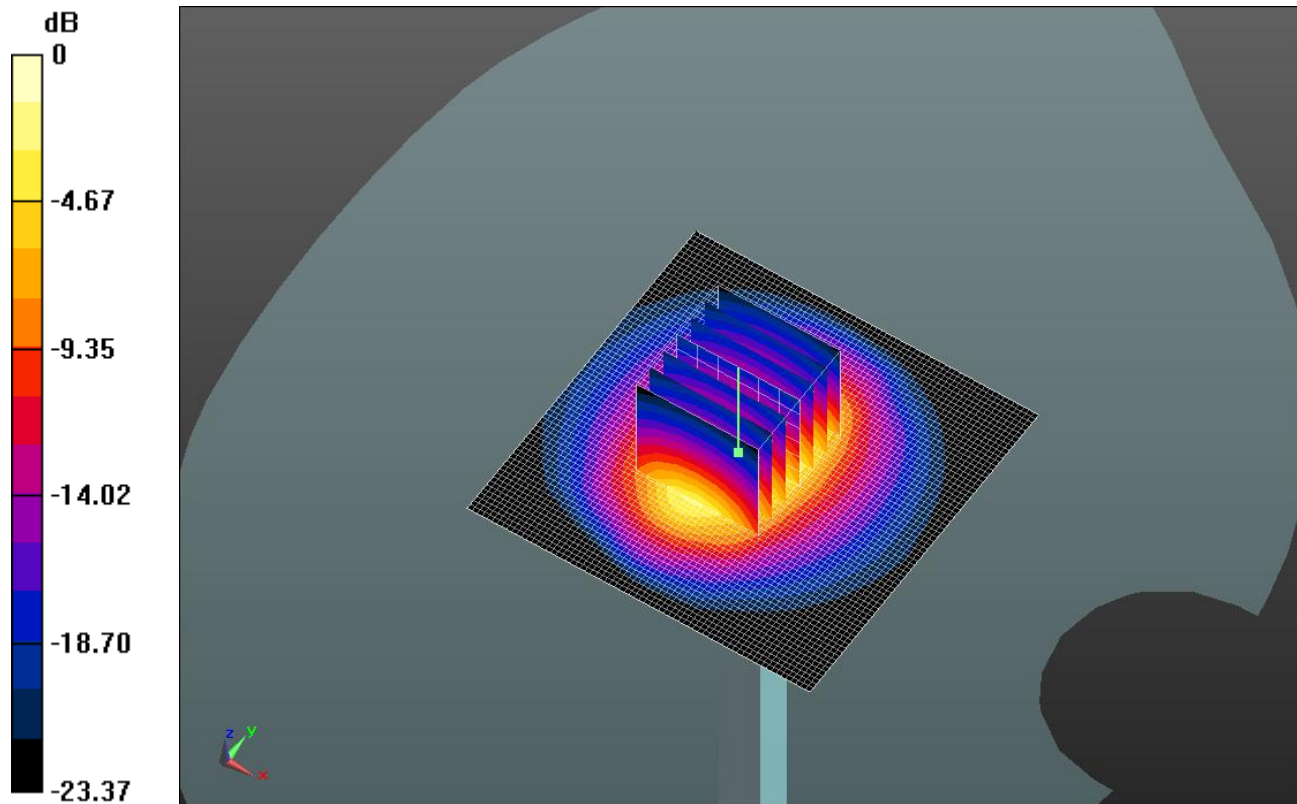
Head/Pin=100 mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 64.687 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 12.2 W/kg

SAR(1 g) = 5.64 W/kg; SAR(10 g) = 2.55 W/kg

Maximum value of SAR (measured) = 8.14 W/kg



0 dB = 8.14 W/kg = 9.11 dBW/kg

20130416_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) = 7.60 W/kg

