

20130311_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; $\sigma = 1.948$ S/m; $\epsilon_r = 50.677$; $\rho = 1000$ 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: 1/9/2013
- Probe: EX3DV4 - SN3751; ConvF(6.61, 6.61, 6.61); Calibrated: 11/15/2012;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (A); Type: QDOVA001BB; Serial: 1120

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

Reference Value = 63.263 V/m; Power Drift = 0.07 dB

Fast SAR: SAR(1 g) = 5.55 W/kg; SAR(10 g) = 2.4 W/kg

Maximum value of SAR (interpolated) = 8.13 W/kg

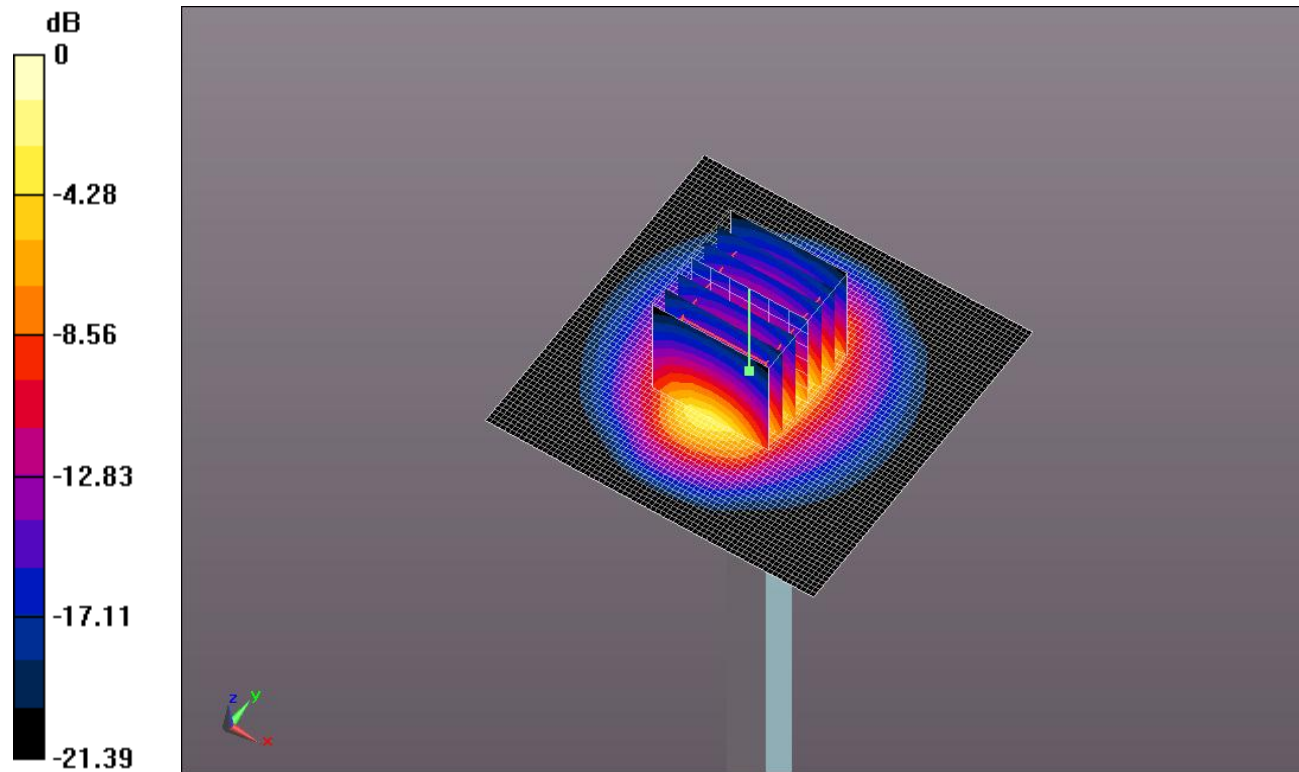
Body/Pin=100 mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 63.263 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 11.6 W/kg

SAR(1 g) = 5.61 W/kg; SAR(10 g) = 2.61 W/kg

Maximum value of SAR (measured) = 7.98 W/kg

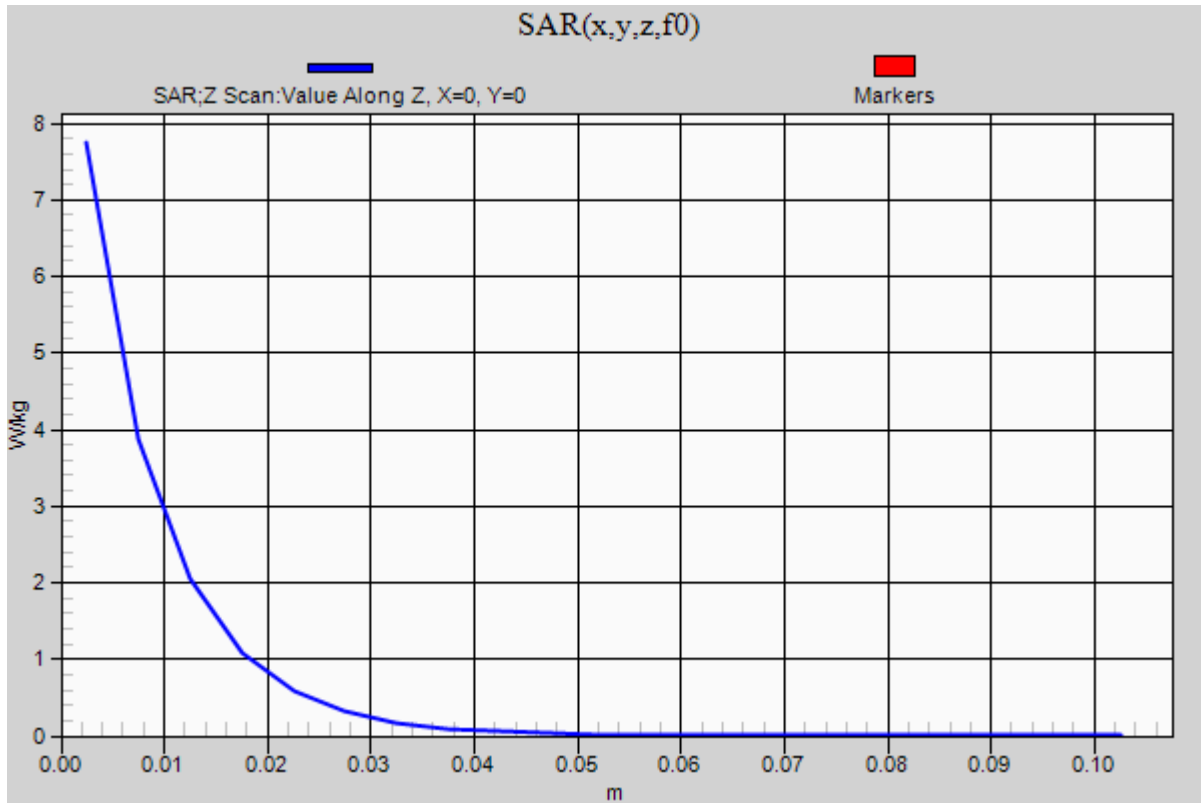


0 dB = 7.98 W/kg = 9.02 dBW/kg

20130311_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) = 7.75 W/kg



20130312_SystemPerformanceCheck-D1750V2 SN 1053

Frequency: 1750 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C

Medium parameters used: $f = 1750$ MHz; $\sigma = 1.361$ S/m; $\epsilon_r = 38.891$; $\rho = 1000$ 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(8.25, 8.25, 8.25); Calibrated: 2/13/2013;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: SAM with CRP; Type: SAM; Serial: GF-VE20

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

Reference Value = 61.095 V/m; Power Drift = -0.00 dB

Fast SAR: SAR(1 g) = 3.86 W/kg; SAR(10 g) = 2.06 W/kg

Maximum value of SAR (interpolated) = 4.99 W/kg

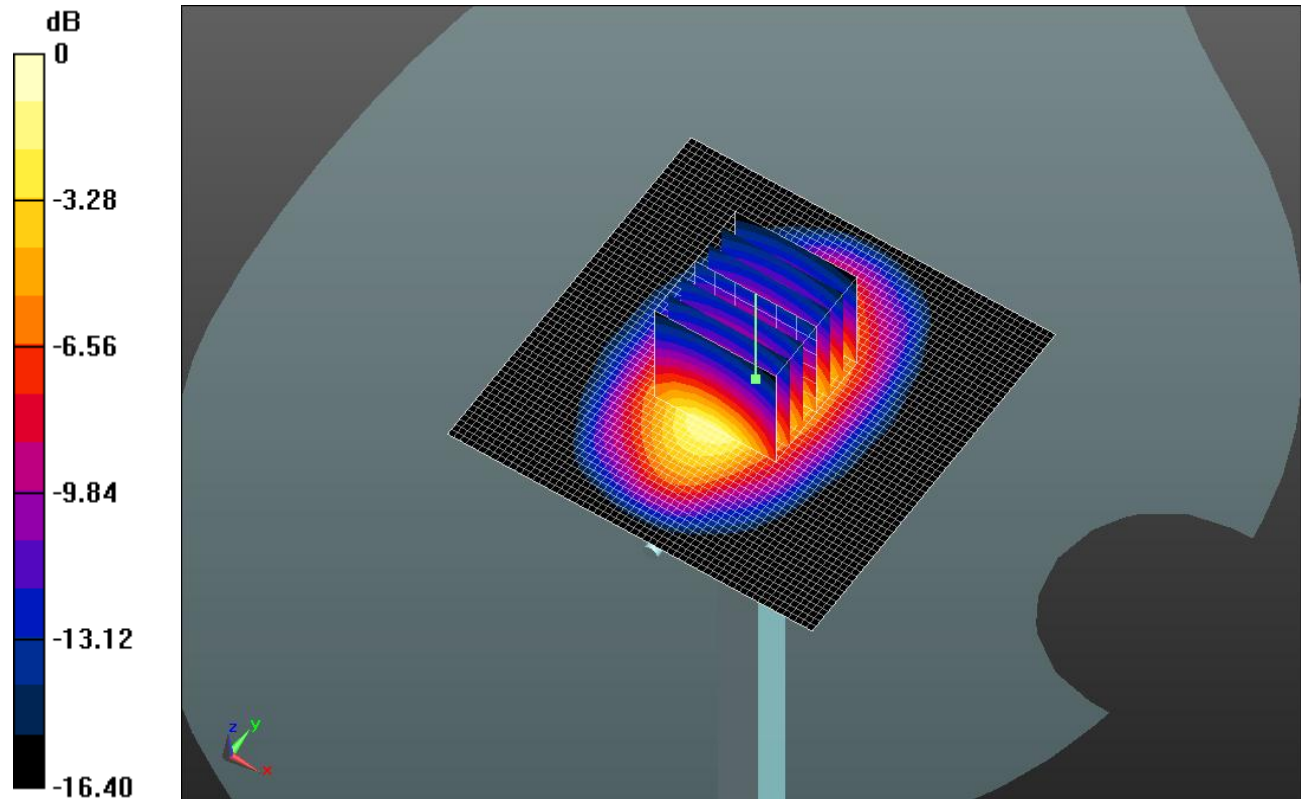
Head/Pin=100 mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 61.095 V/m; Power Drift = -0.00 dB

Peak SAR (extrapolated) = 6.68 W/kg

SAR(1 g) = 3.71 W/kg; SAR(10 g) = 1.98 W/kg

Maximum value of SAR (measured) = 4.97 W/kg

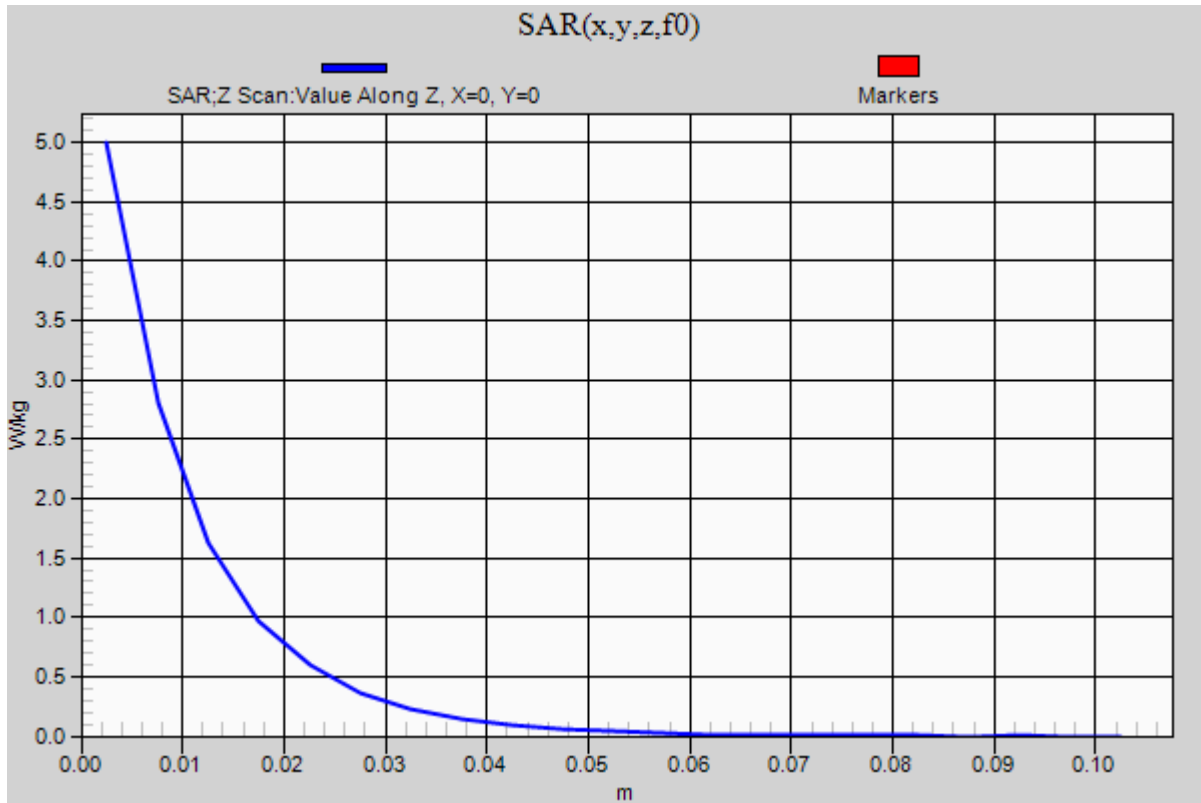


0 dB = 4.97 W/kg = 6.96 dBW/kg

20130312_SystemPerformanceCheck-D1750V2 SN 1053

Frequency: 1750 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) = 5.00 W/kg



20130313_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; $\sigma = 1.503$ S/m; $\epsilon_r = 51.738$; $\rho = 1000$ 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(7.73, 7.73, 7.73); Calibrated: 2/13/2013;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 A; Type: QDOVA002AA; Serial: 1180

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

Reference Value = 58.741 V/m; Power Drift = -0.00 dB

Fast SAR: SAR(1 g) = 3.79 W/kg; SAR(10 g) = 1.91 W/kg

Maximum value of SAR (interpolated) = 5.05 W/kg

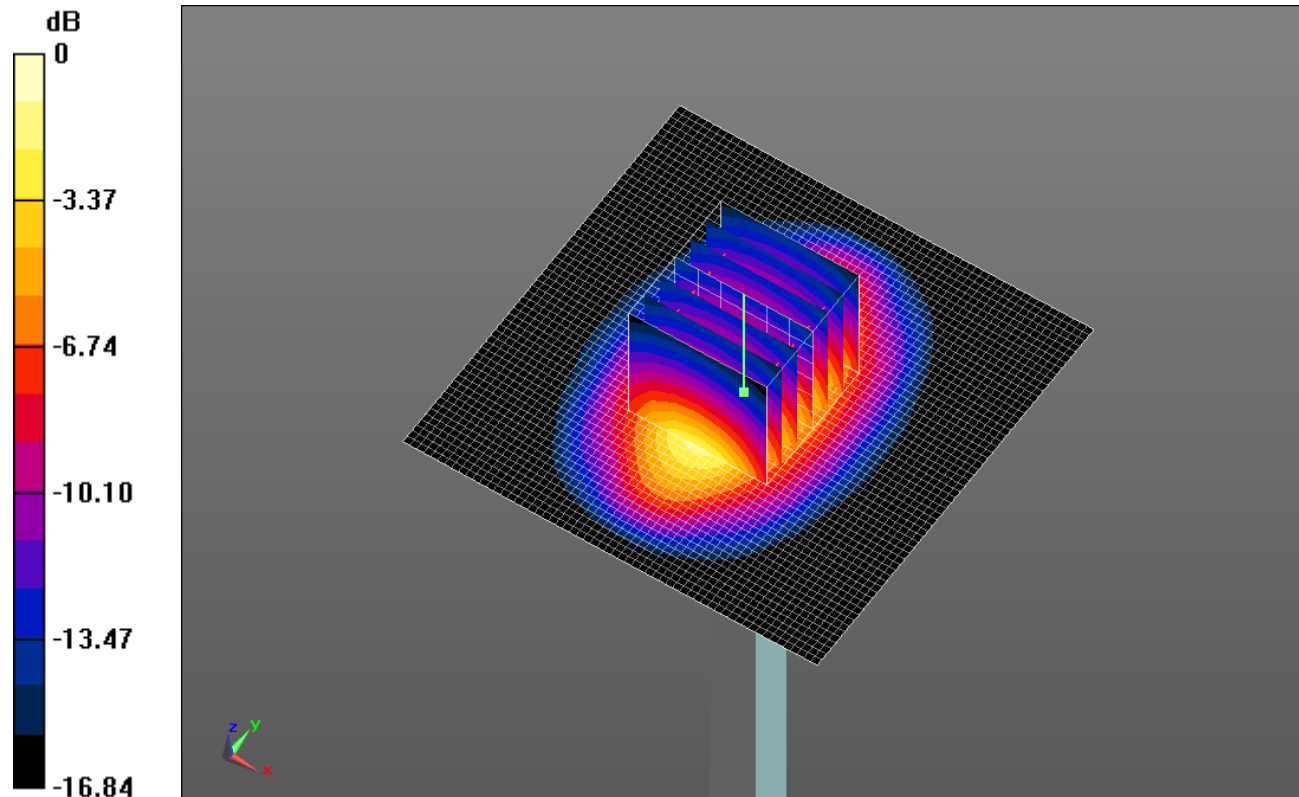
Body/Pin=100 mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 58.741 V/m; Power Drift = -0.00 dB

Peak SAR (extrapolated) = 6.69 W/kg

SAR(1 g) = 3.78 W/kg; SAR(10 g) = 2.01 W/kg

Maximum value of SAR (measured) = 5.04 W/kg

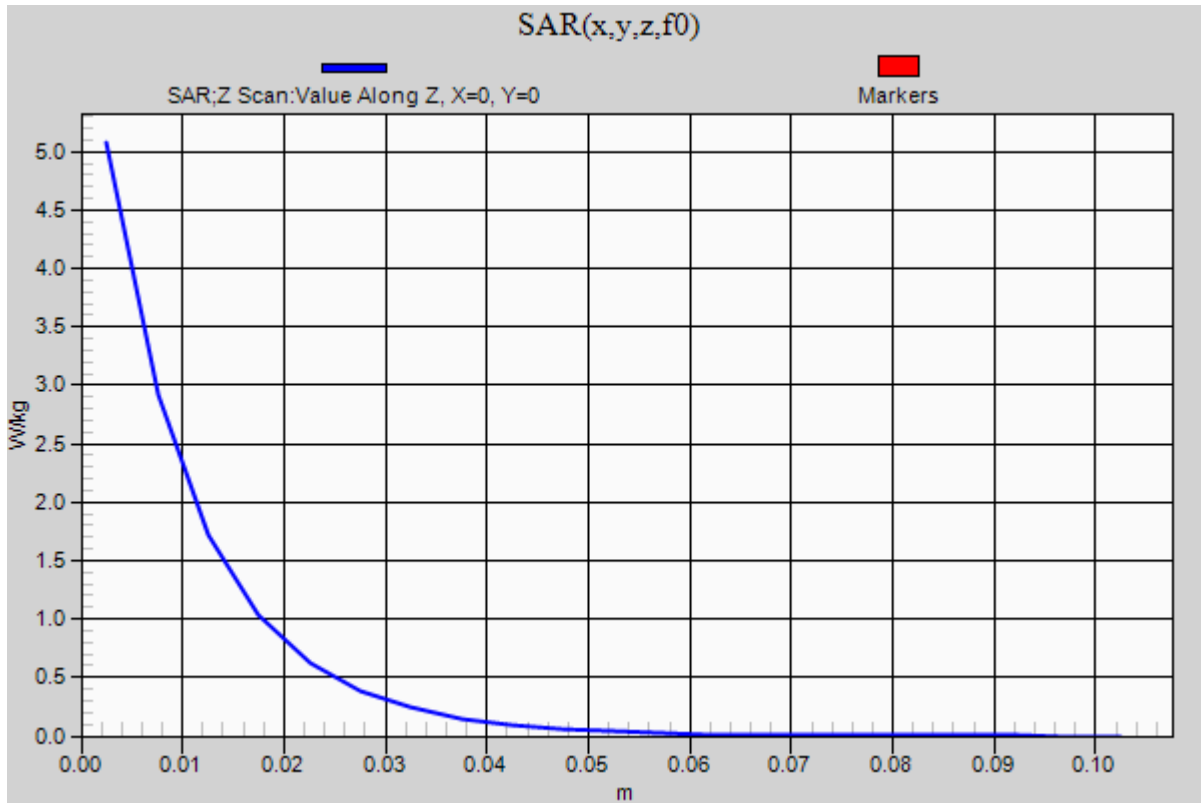


0 dB = 5.04 W/kg = 7.02 dBW/kg

20130313_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) = 5.08 W/kg



20130314_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; $\sigma = 1.018$ mho/m; $\epsilon_r = 53.001$; $\rho = 1000$ 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 Sn1343; Calibrated: 8/20/2012
- Probe: EX3DV4 - SN3749; ConvF(8.67, 8.67, 8.67); Calibrated: 1/15/2013;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (B); Type: QDOVA001BB; Serial: 1118

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

Reference Value = 35.326 V/m; Power Drift = -0.07 dB

Fast SAR: SAR(1 g) = 1.04 W/kg; SAR(10 g) = 0.695 W/kg

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

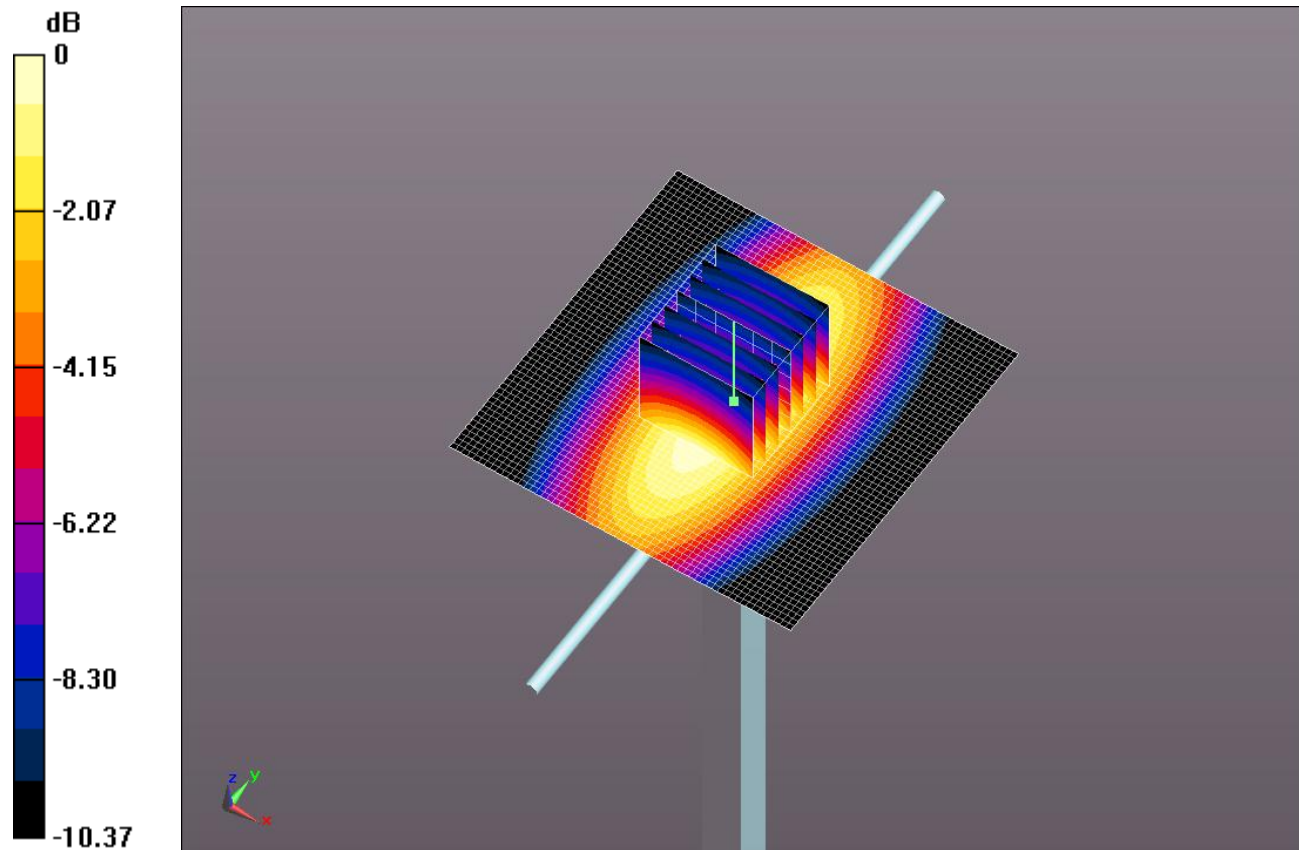
Body/Pin=100 mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 35.326 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 1.52 W/kg

SAR(1 g) = 1.02 W/kg; SAR(10 g) = 0.667 W/kg

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

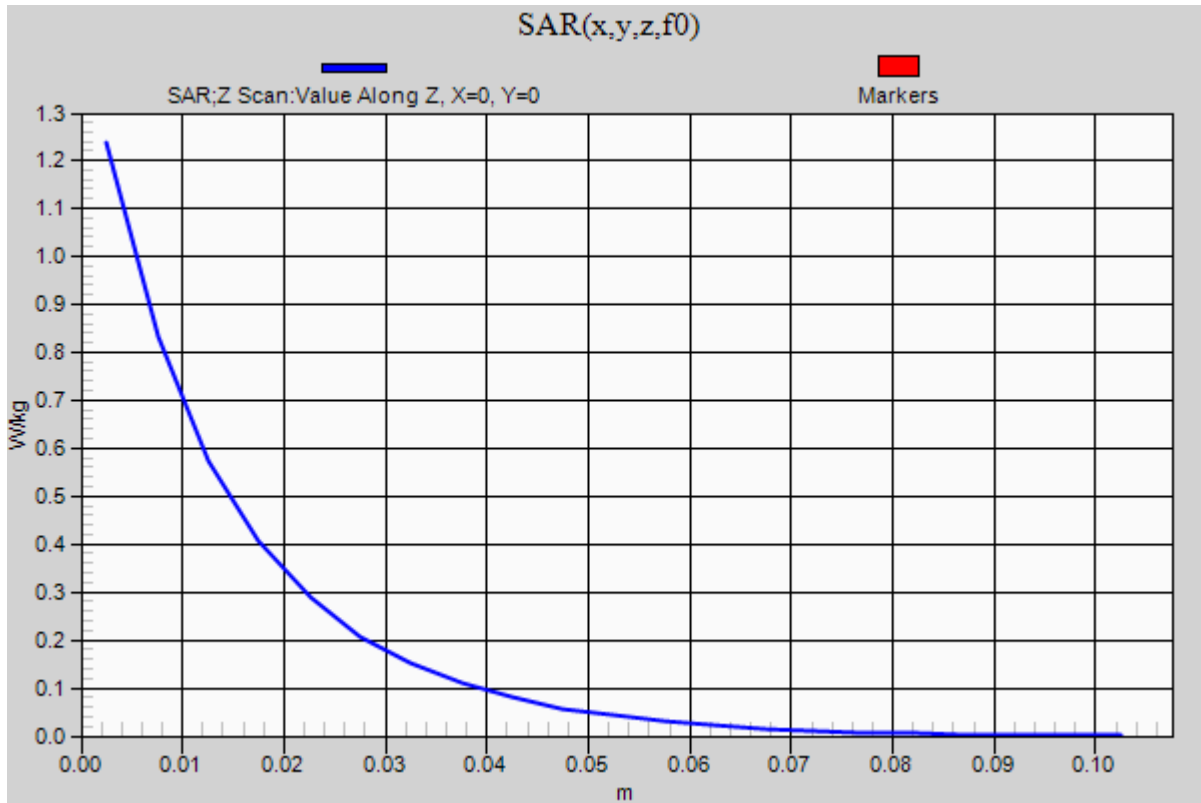


0 dB = 1.24 W/kg = 0.93 dBW/kg

20130314_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) = 1.24 W/kg



20130314_SystemPerformanceCheck-D750V3 SN 1071

Frequency: 750 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C

Medium parameters used: $f = 750$ MHz; $\sigma = 0.924$ S/m; $\epsilon_r = 40.763$; $\rho = 1000$ 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: 1/9/2013
- Probe: EX3DV4 - SN3751; ConvF(8.95, 8.95, 8.95); Calibrated: 11/15/2012;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: SAM; Type: QD000P40CD; Serial: 1629

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

Reference Value = 34.330 V/m; Power Drift = 0.02 dB

Fast SAR: SAR(1 g) = 0.912 W/kg; SAR(10 g) = 0.623 W/kg

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

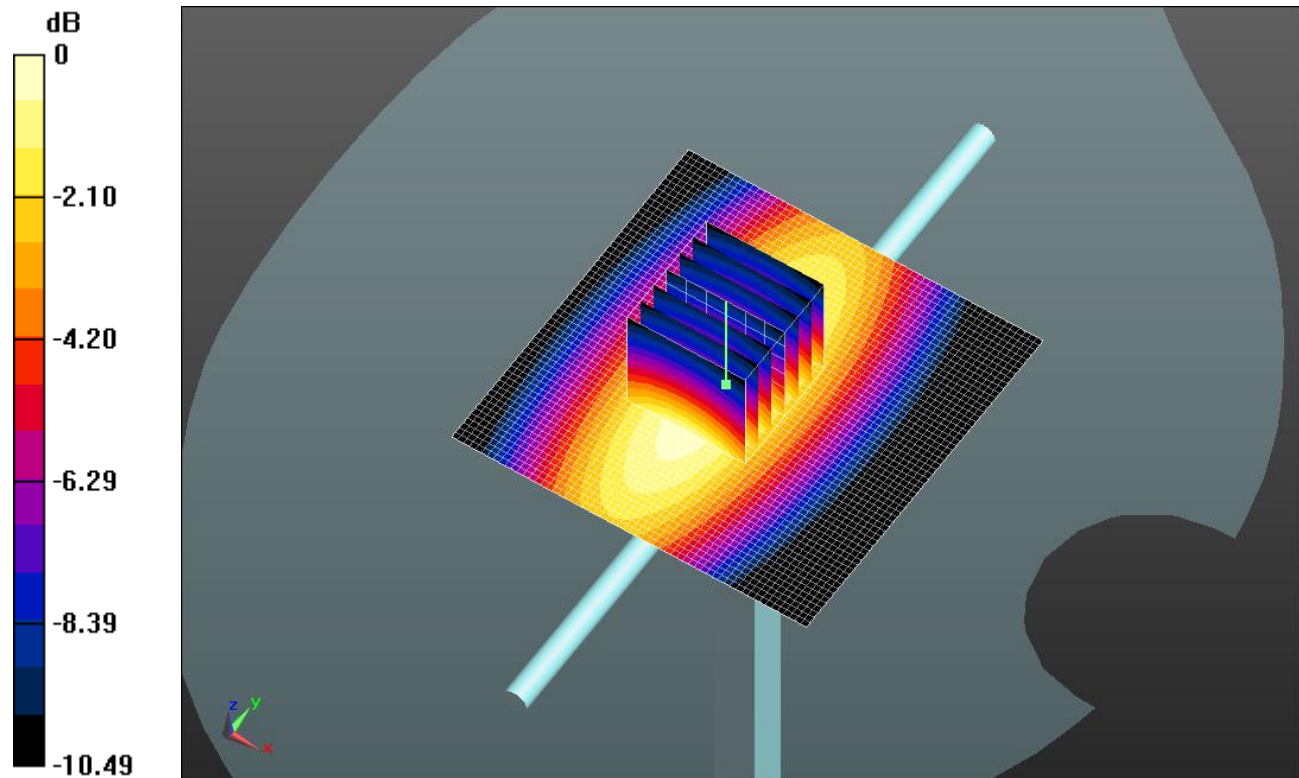
Head/Pin=100 mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 34.330 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 1.35 W/kg

SAR(1 g) = 0.892 W/kg; SAR(10 g) = 0.583 W/kg

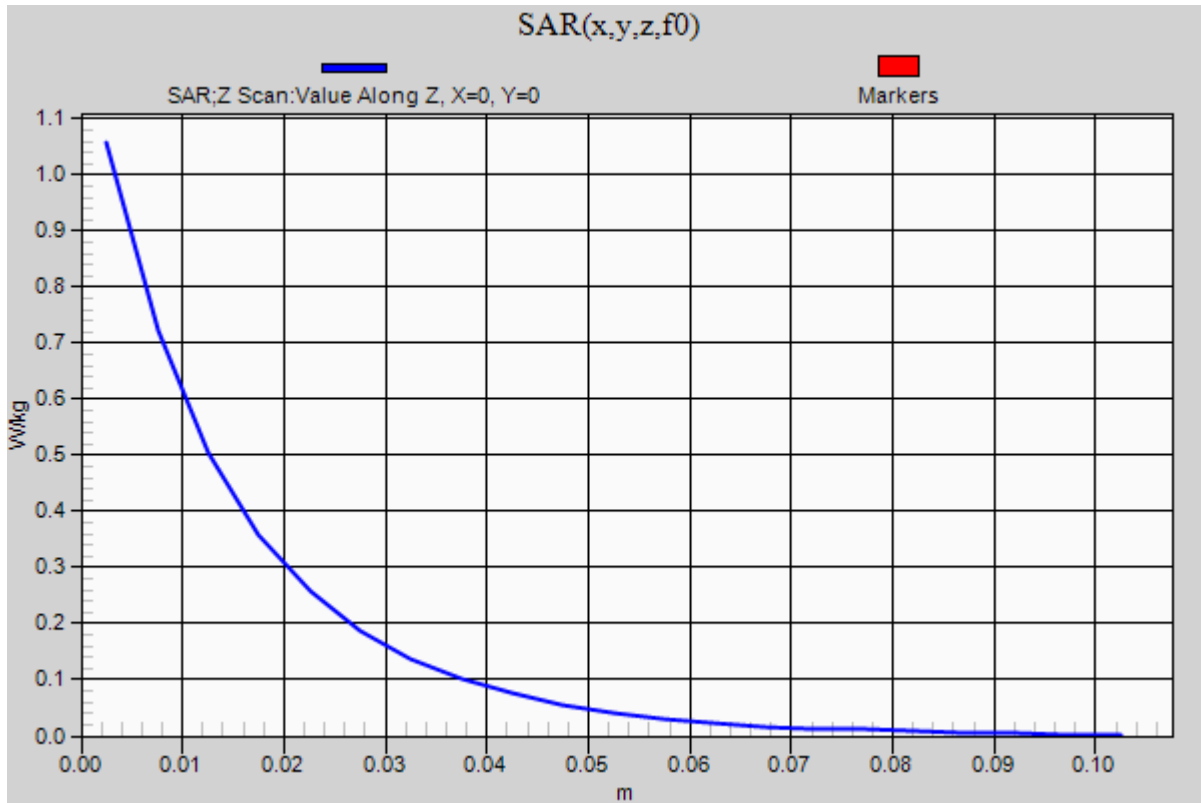
Maximum value of SAR (measured) = 1.09 W/kg



20130314_SystemPerformanceCheck-D750V3 SN 1071

Frequency: 750 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) = 1.06 W/kg



20130510_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; $\sigma = 1.505$ S/m; $\epsilon_r = 54.004$; $\rho = 1000$ 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(7.73, 7.73, 7.73); Calibrated: 2/13/2013;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 A; Type: QDOVA002AA; Serial: 1180

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

Reference Value = 62.618 V/m; Power Drift = 0.05 dB

Fast SAR: SAR(1 g) = 3.88 W/kg; SAR(10 g) = 1.96 W/kg

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

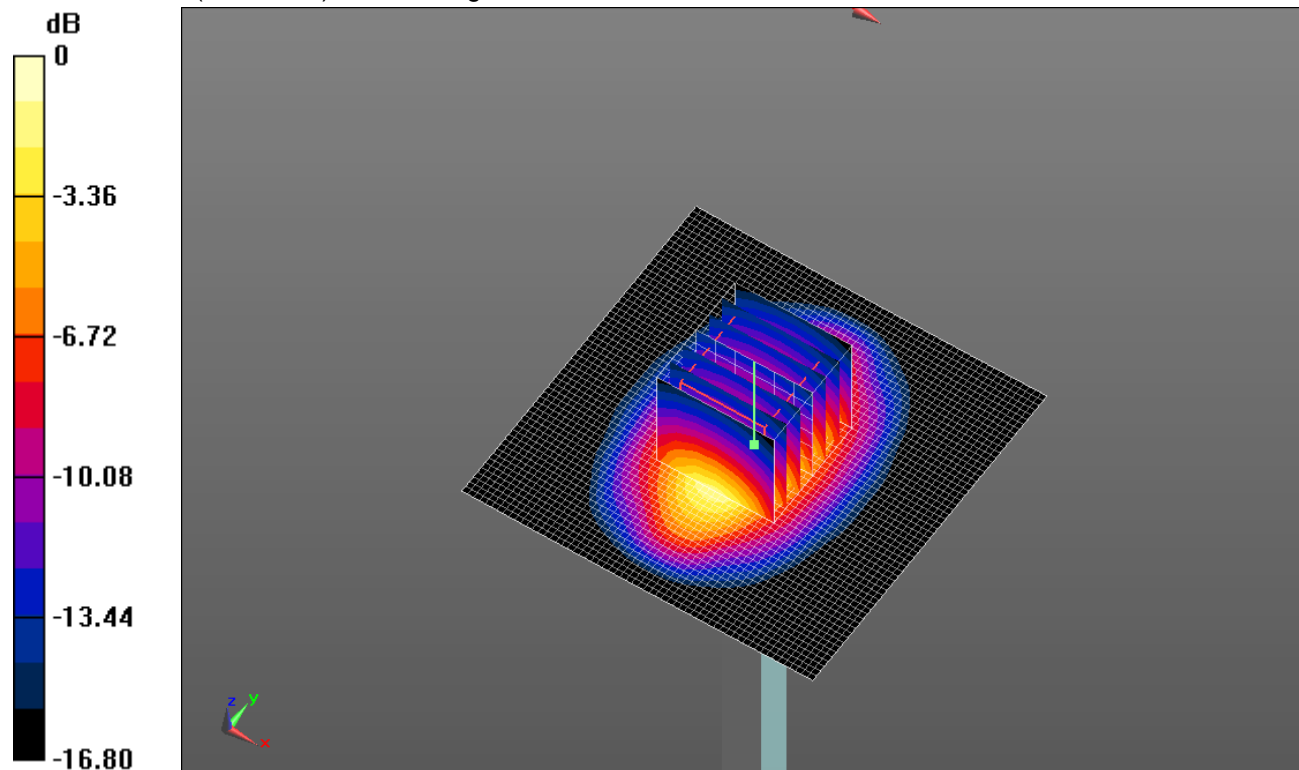
Body/Pin=100 mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 62.618 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 6.89 W/kg

SAR(1 g) = 3.86 W/kg; SAR(10 g) = 2.04 W/kg

Maximum value of SAR (measured) = 5.18 W/kg

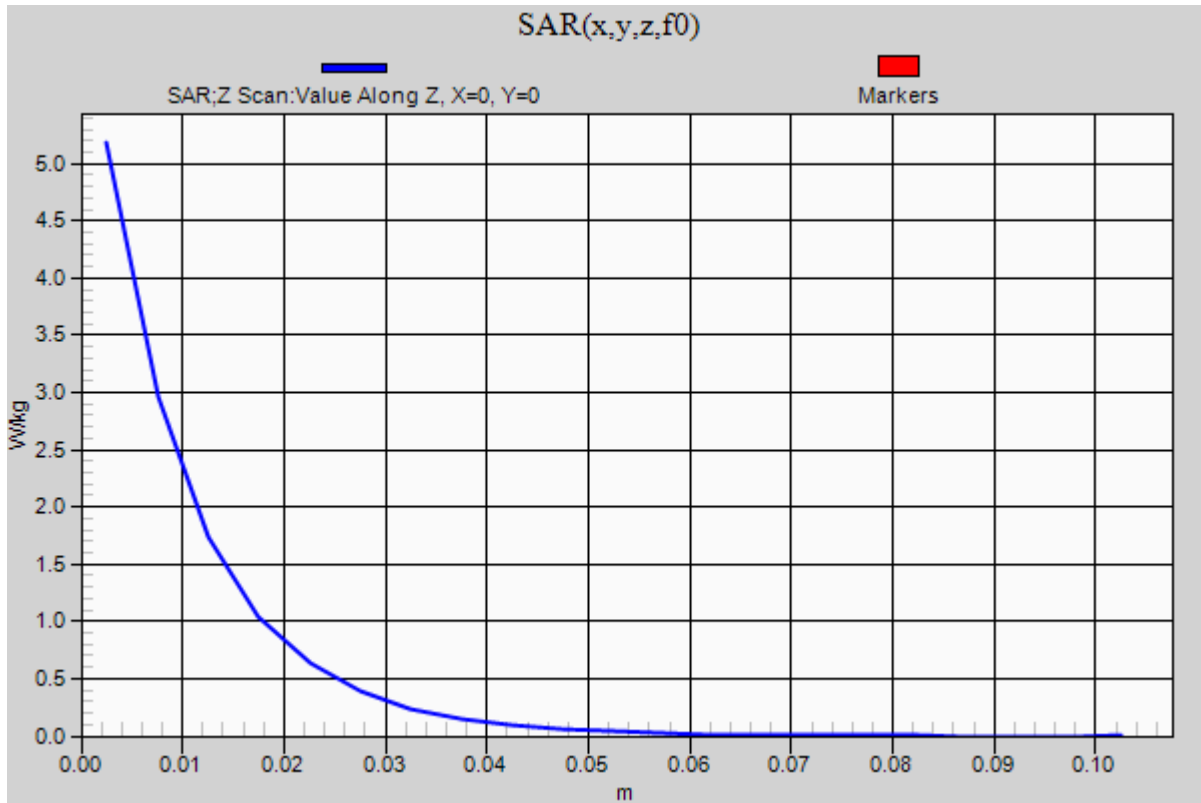


0 dB = 5.18 W/kg = 7.14 dBW/kg

20130510_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) = 5.18 W/kg



20130513_SystemPerformanceCheck-D1750V2 SN 1053

Frequency: 1750 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C

Medium parameters used: $f = 1750$ MHz; $\sigma = 1.355$ S/m; $\epsilon_r = 38.667$; $\rho = 1000$ 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(7.98, 7.98, 7.98); 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 = 57.844 V/m; Power Drift = -0.01 dB

Fast SAR: SAR(1 g) = 3.9 W/kg; SAR(10 g) = 2.08 W/kg

Maximum value of SAR (interpolated) = 5.06 W/kg

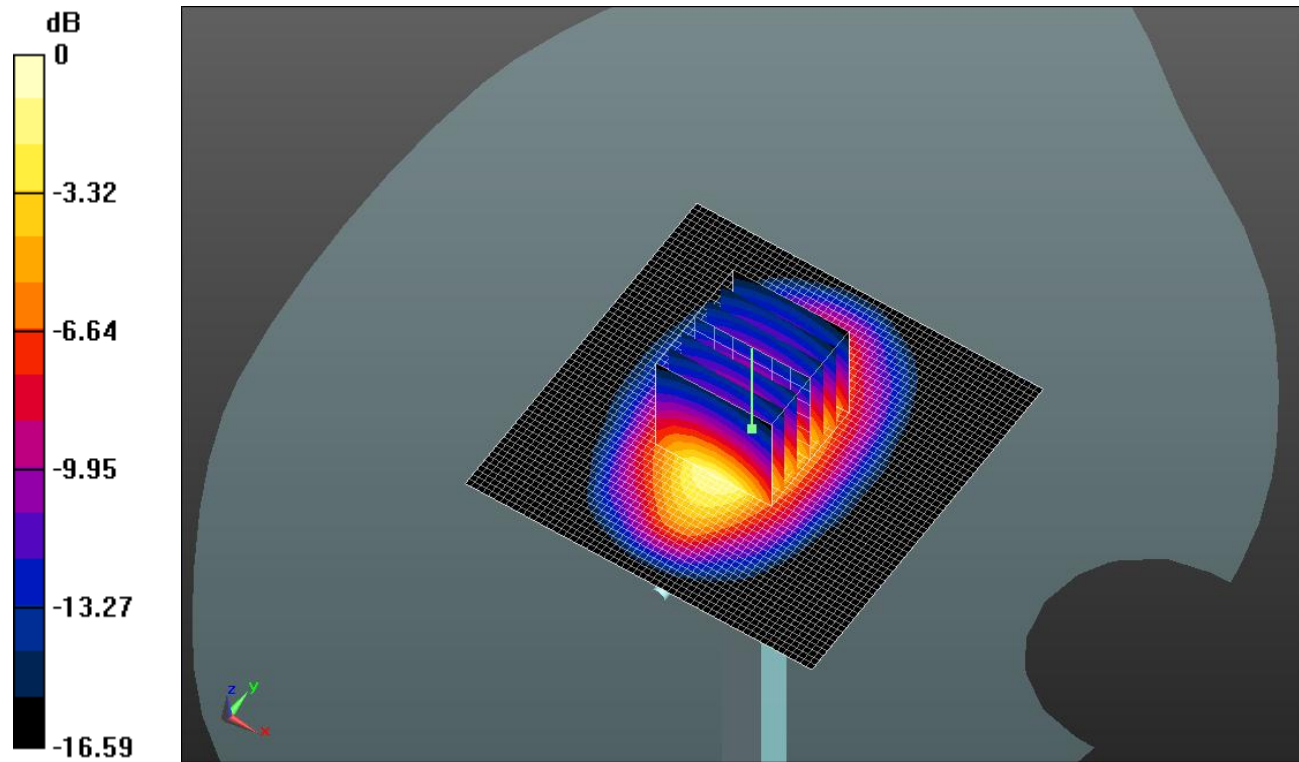
Head/Pin=100 mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 57.844 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 6.94 W/kg

SAR(1 g) = 3.75 W/kg; SAR(10 g) = 1.98 W/kg

Maximum value of SAR (measured) = 5.04 W/kg

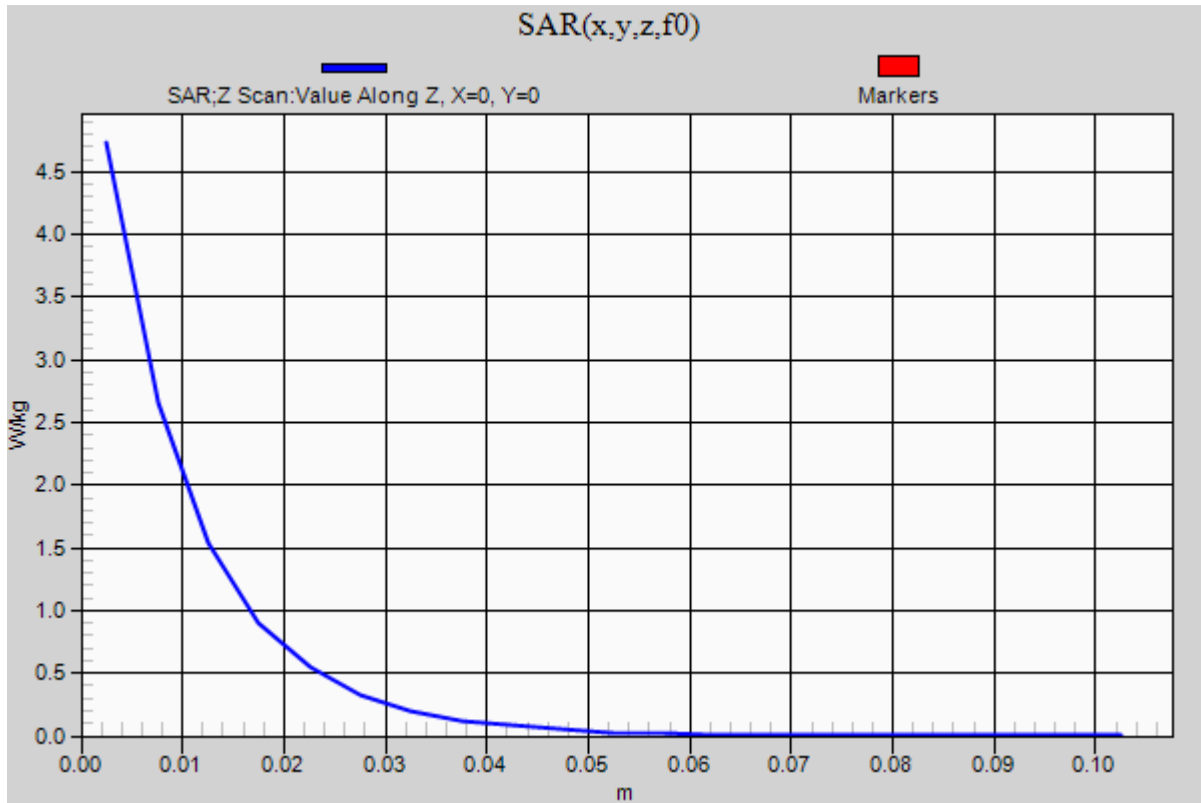


0 dB = 5.04 W/kg = 7.02 dBW/kg

20130513_SystemPerformanceCheck-D1750V2 SN 1053

Frequency: 1750 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) = 4.73 W/kg



20130515_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; $\sigma = 2.009$ S/m; $\epsilon_r = 52.232$; $\rho = 1000$ 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(7.35, 7.35, 7.35); 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 (71x71x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Reference Value = 60.957 V/m; Power Drift = 0.03 dB

Fast SAR: SAR(1 g) = 5.27 W/kg; SAR(10 g) = 2.28 W/kg

Maximum value of SAR (interpolated) = 7.72 W/kg

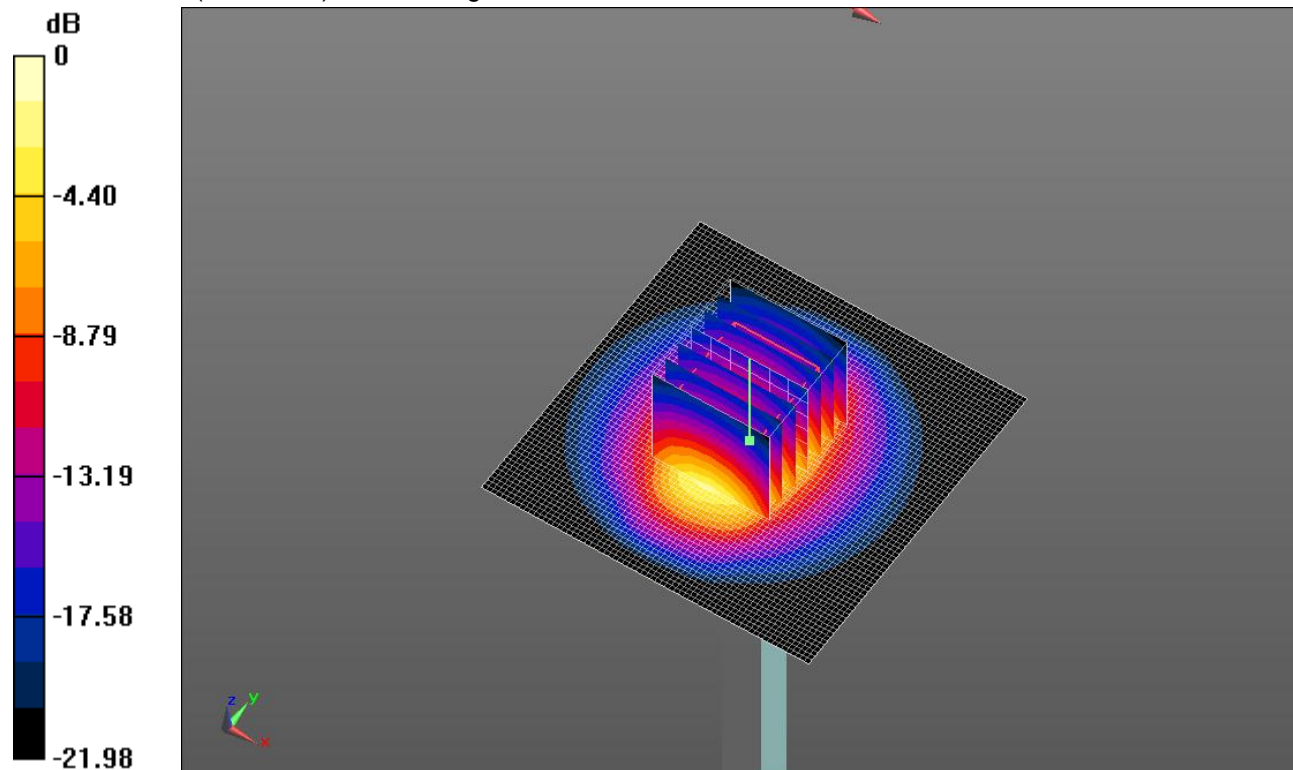
Body/Pin=100 mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 60.957 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 10.9 W/kg

SAR(1 g) = 5.32 W/kg; SAR(10 g) = 2.48 W/kg

Maximum value of SAR (measured) = 7.55 W/kg



0 dB = 7.55 W/kg = 8.78 dBW/kg

20130515_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) = 7.36 W/kg

