

20120521_SystemPerformanceCheck-D1900V2 SN 5d043

Frequency: 1800 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used: $f = 1800$ MHz; $\sigma = 1.338$ mho/m; $\epsilon_r = 41.757$; $\rho = 1000$ kg/m³

DASY5 Configuration:

- Electronics: DAE4 Sn1259; Calibrated: 2/13/2012
- Probe: EX3DV4 - SN3686; ConvF(7.65, 7.65, 7.65); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: SAM; Type: QD000P40CD; Serial: 1629

Head/Pin=100 mW 2/Area Scan (7x7x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 4.826 mW/g

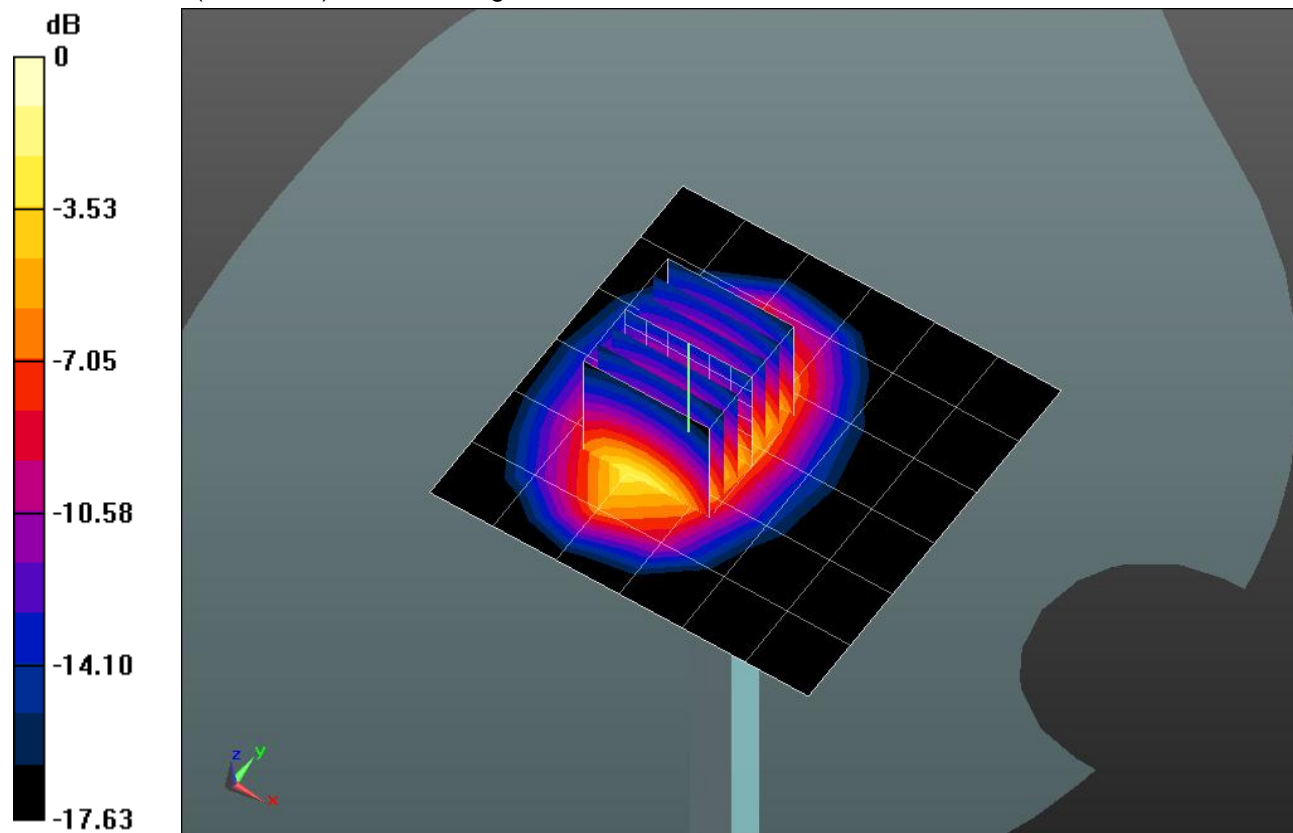
Head/Pin=100 mW 2/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 55.549 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 7.4910

SAR(1 g) = 4.02 mW/g; SAR(10 g) = 2.1 mW/g

Maximum value of SAR (measured) = 5.407 mW/g



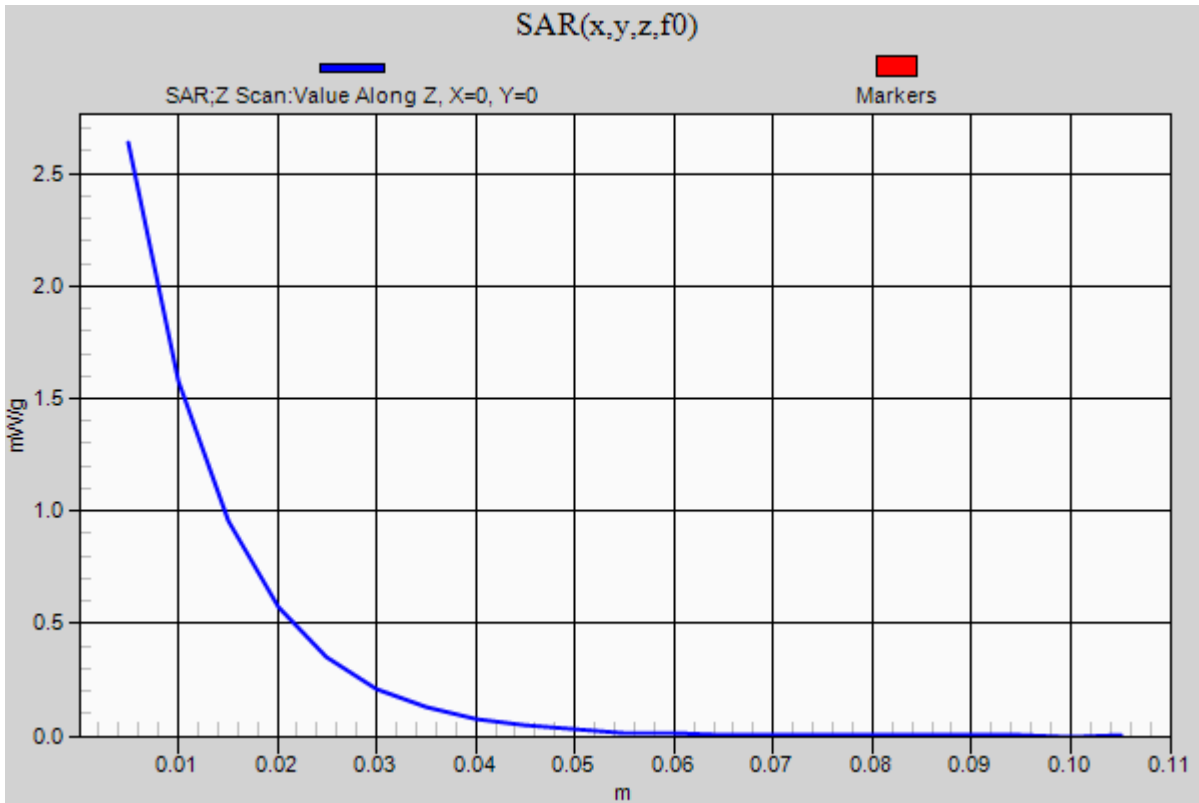
0 dB = 5.410mW/g = 14.66 dB mW/g

Test Laboratory: UL CCS SAR Lab B Date: 5/21/2012

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Frequency: 1800 MHz; Duty Cycle: 1:1

Head/Pin=100 mW 2/Z Scan (1x1x21): Measurement grid: dx=20mm, dy=20mm, dz=5mm
Maximum value of SAR (measured) = 2.636 mW/g



20120521_SystemPerformanceCheck-D1900V2 SN 5d043

Frequency: 1800 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used: $f = 1800$ MHz; $\sigma = 1.423$ mho/m; $\epsilon_r = 51.525$; $\rho = 1000$ kg/m³

DASY5 Configuration:

- Electronics: DAE4 Sn1259; Calibrated: 2/13/2012
- Probe: EX3DV4 - SN3686; ConvF(7.44, 7.44, 7.44); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (A); Type: QDOVA001BB; Serial: 1120

Body/Pin=100 mW/Area Scan (7x7x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 3.301 mW/g

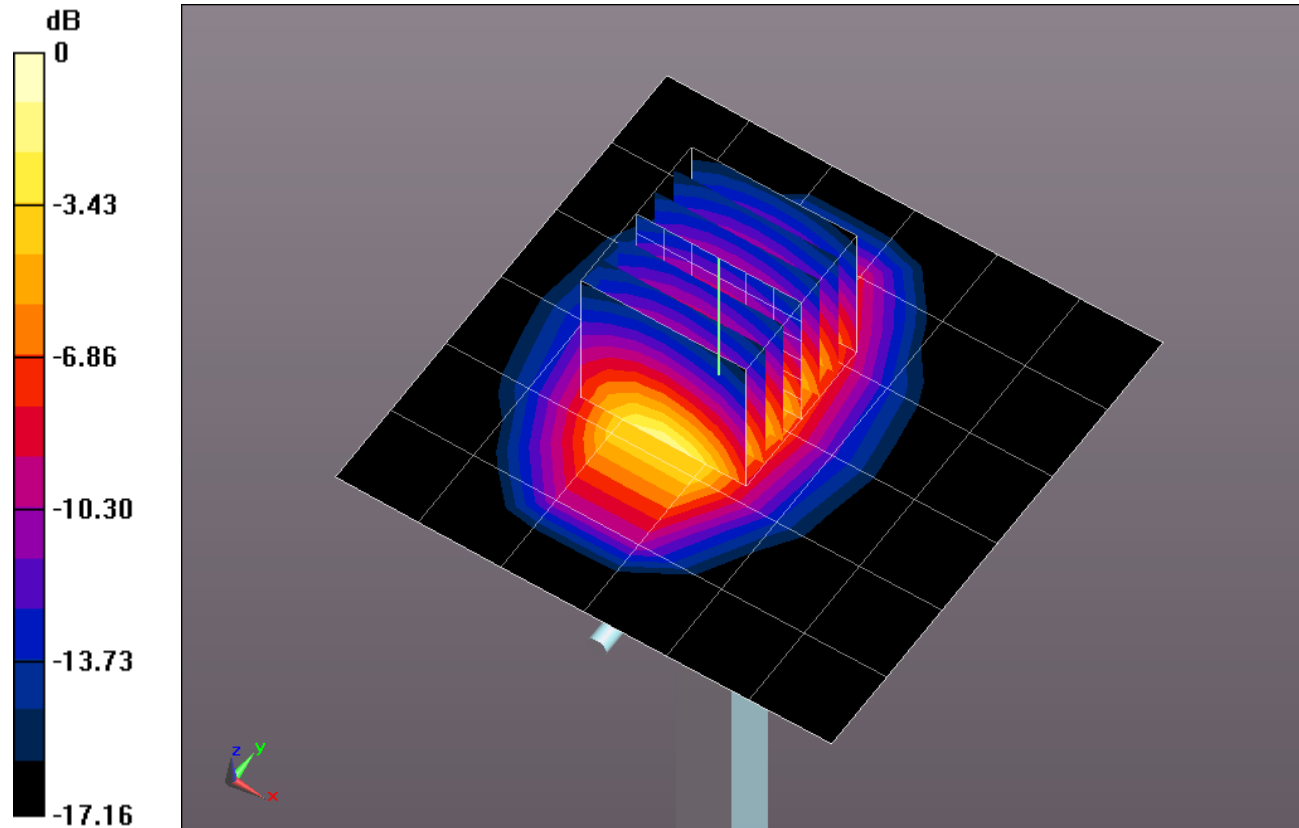
Body/Pin=100 mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 59.796 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 6.9890

SAR(1 g) = 3.97 mW/g; SAR(10 g) = 2.07 mW/g

Maximum value of SAR (measured) = 5.306 mW/g



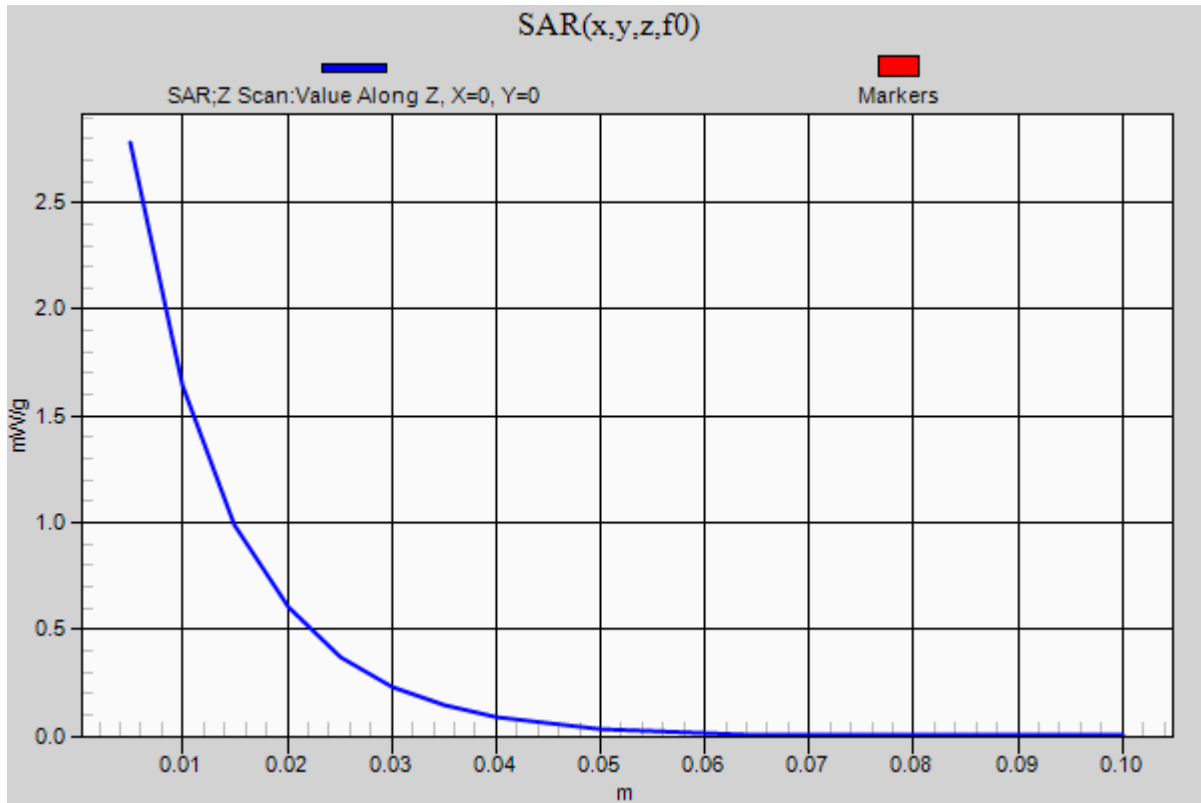
0 dB = 5.310mW/g = 14.50 dB mW/g

Test Laboratory: UL CCS SAR Lab B Date: 5/21/2012

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Frequency: 1800 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) = 2.781 mW/g



20120522_SystemPerformanceCheck-D1900V2 SN 5d043

Frequency: 1800 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used: $f = 1800$ MHz; $\sigma = 1.292$ mho/m; $\epsilon_r = 40.56$; $\rho = 1000$ kg/m³

DASY5 Configuration:

- Electronics: DAE4 Sn1259; Calibrated: 2/13/2012
- Probe: EX3DV4 - SN3686; ConvF(7.65, 7.65, 7.65); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: SAM; Type: QD000P40CD; Serial: 1629

Head/Pin=100 mW/Area Scan (7x7x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 4.612 mW/g

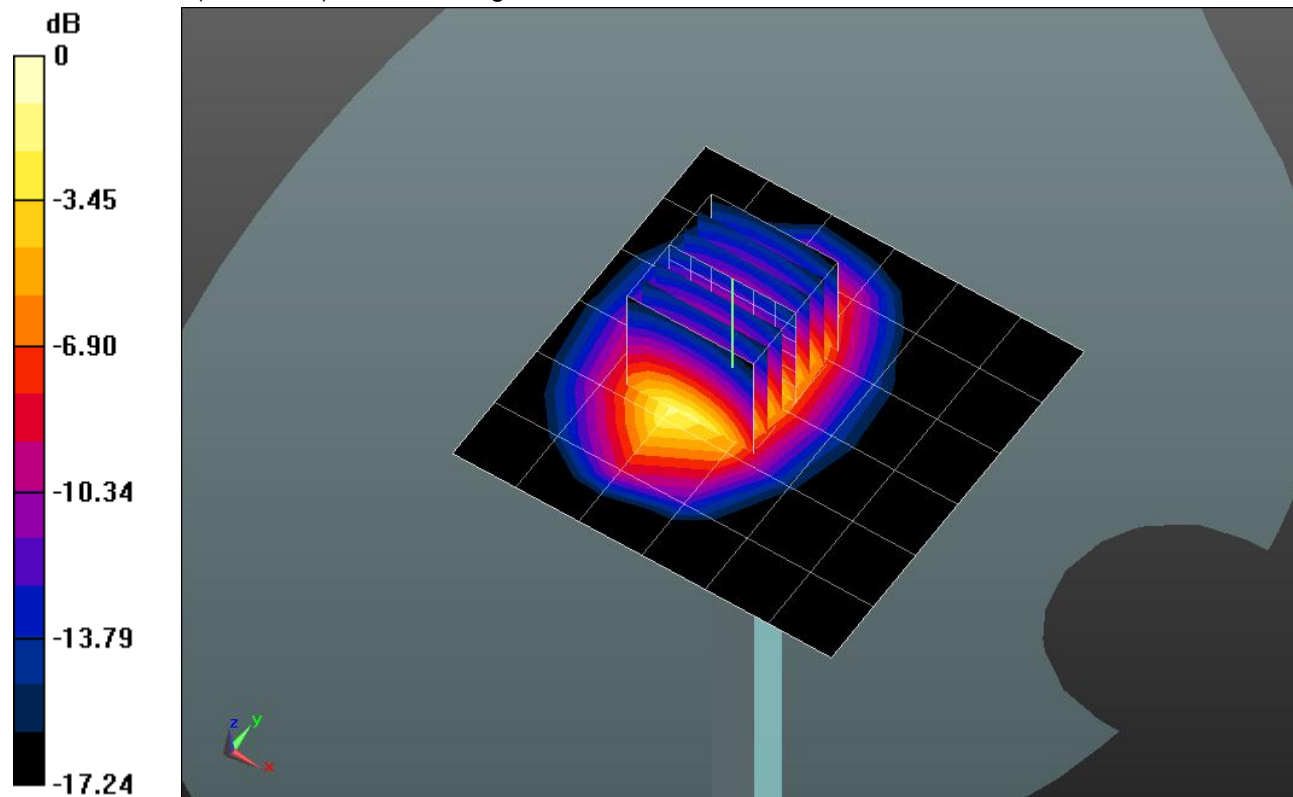
Head/Pin=100 mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 55.185 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 6.9590

SAR(1 g) = 3.75 mW/g; SAR(10 g) = 1.96 mW/g

Maximum value of SAR (measured) = 5.072 mW/g



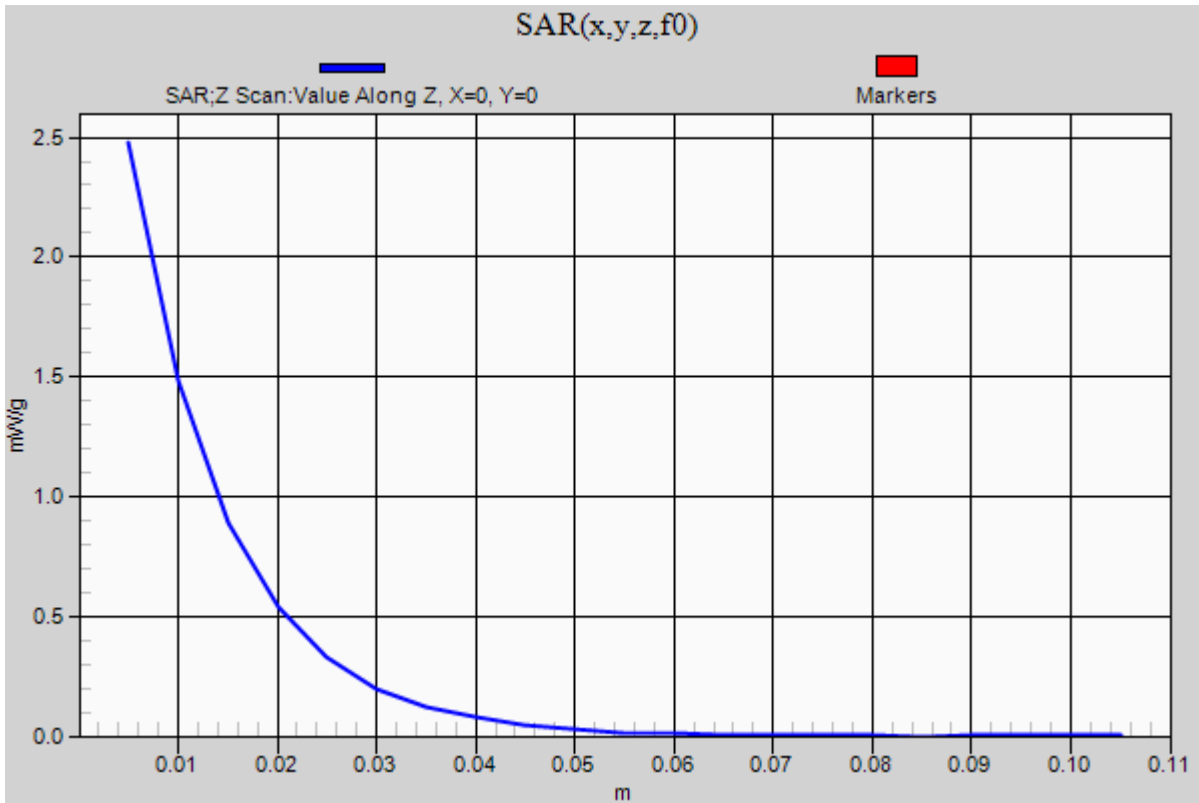
0 dB = 5.070mW/g = 14.10 dB mW/g

Test Laboratory: UL CCS SAR Lab B Date: 5/22/2012

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Frequency: 1800 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) = 2.477 mW/g



20120522_SystemPerformanceCheck-D1900V2 SN 5d043

Frequency: 1800 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used: $f = 1800$ MHz; $\sigma = 1.425$ mho/m; $\epsilon_r = 51.032$; $\rho = 1000$ kg/m³

DASY5 Configuration:

- Electronics: DAE4 Sn1259; Calibrated: 2/13/2012
- Probe: EX3DV4 - SN3686; ConvF(7.44, 7.44, 7.44); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (A); Type: QDOVA001BB; Serial: 1120

Body/Pin=100 mW/Area Scan (7x7x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 4.939 mW/g

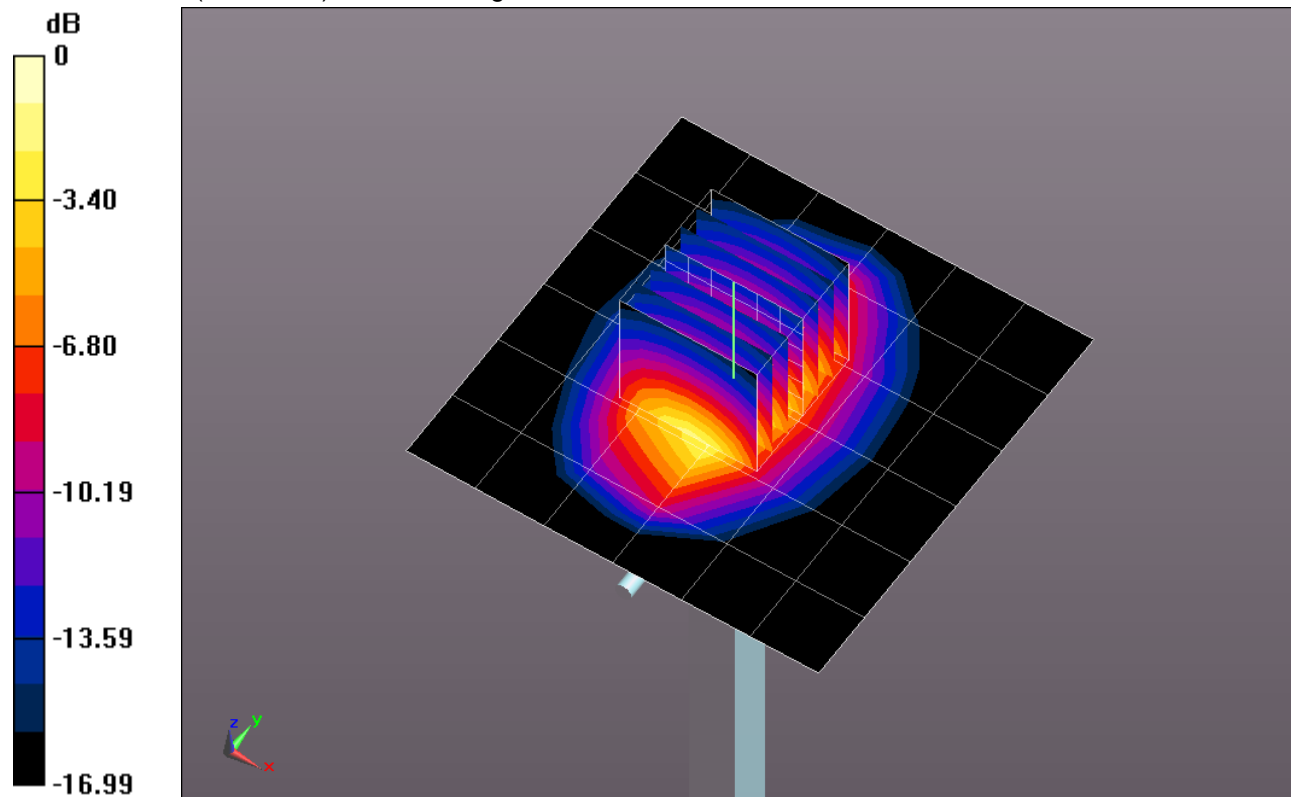
Body/Pin=100 mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 64.013 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 7.3310

SAR(1 g) = 4.16 mW/g; SAR(10 g) = 2.19 mW/g

Maximum value of SAR (measured) = 5.597 mW/g



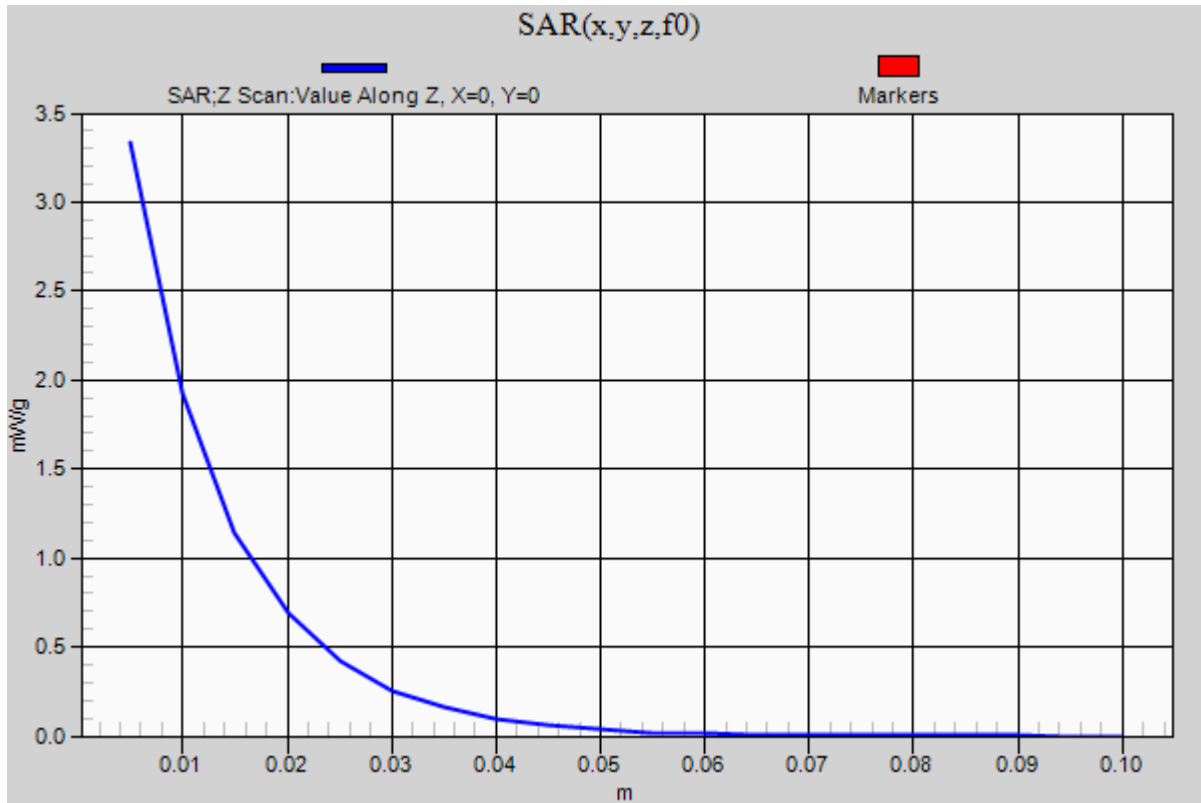
0 dB = 5.600mW/g = 14.96 dB mW/g

Test Laboratory: UL CCS SAR Lab B Date: 5/22/2012

20120522_SystemPerformanceCheck-D1900V2 SN 5d043

Frequency: 1800 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) = 3.333 mW/g



20120523_SystemPerformanceCheck-D1900V2 SN 5d043

Frequency: 1800 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used: $f = 1800$ MHz; $\sigma = 1.311$ mho/m; $\epsilon_r = 40.666$; $\rho = 1000$ kg/m³

DASY5 Configuration:

- Electronics: DAE4 Sn1259; Calibrated: 2/13/2012
- Probe: EX3DV4 - SN3686; ConvF(7.65, 7.65, 7.65); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: SAM; Type: QD000P40CD; Serial: 1629

Head/Pin=100 mW/Area Scan (7x7x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 5.163 mW/g

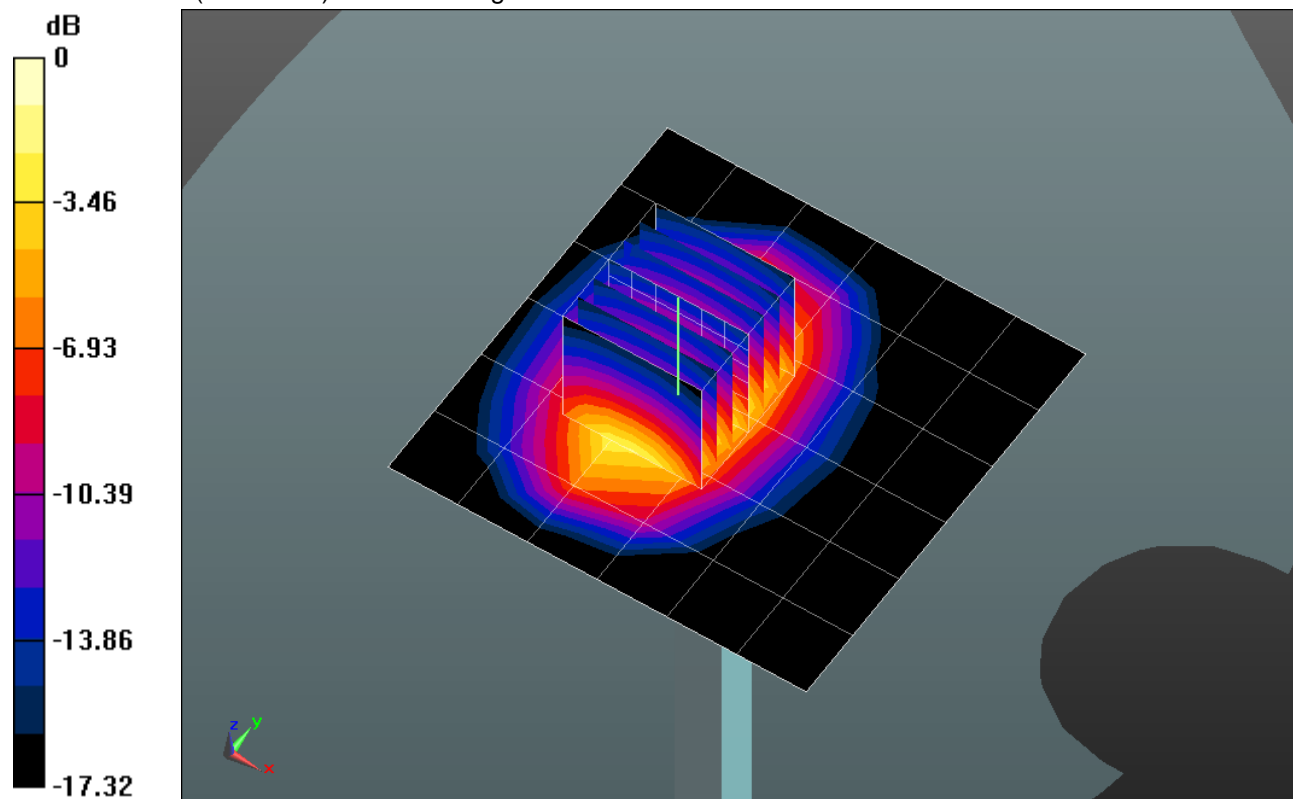
Head/Pin=100 mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 60.477 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 7.6290

SAR(1 g) = 4.14 mW/g; SAR(10 g) = 2.18 mW/g

Maximum value of SAR (measured) = 5.555 mW/g

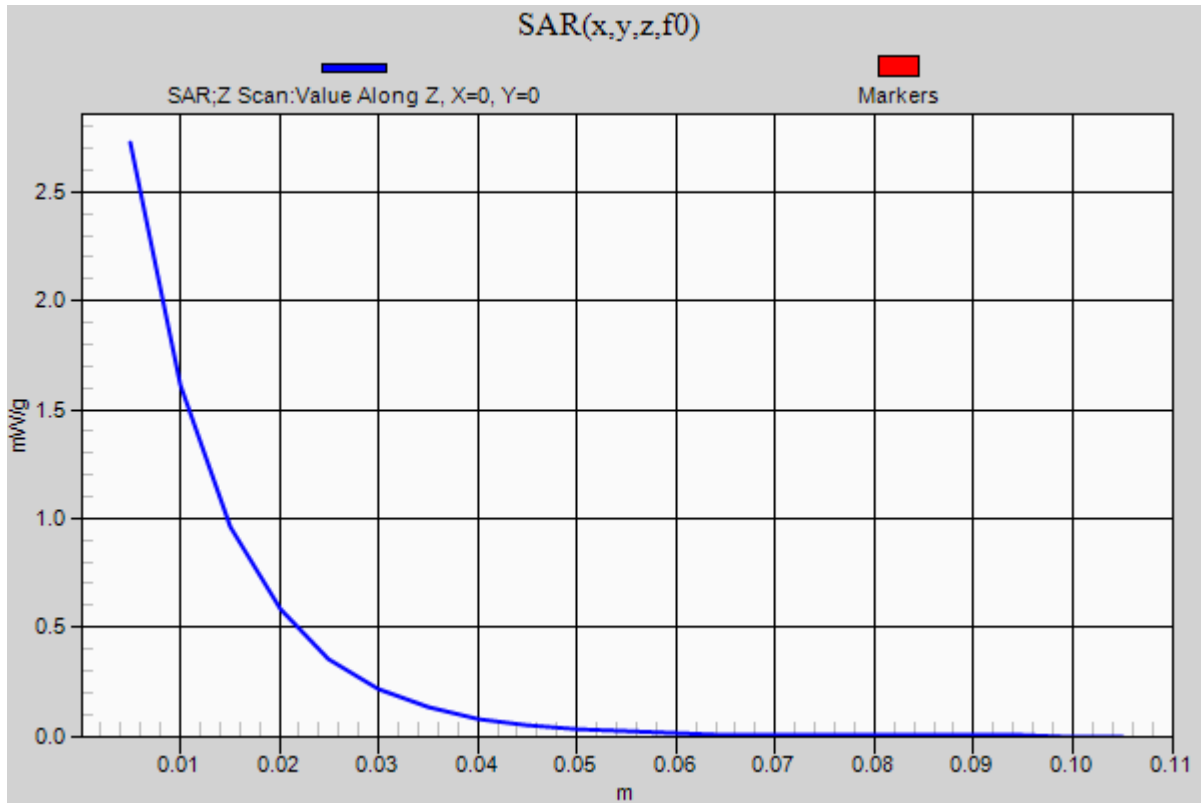


0 dB = 5.550mW/g = 14.89 dB mW/g

20120523_SystemPerformanceCheck-D1900V2 SN 5d043

Frequency: 1800 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) = 2.726 mW/g



20120523_SystemPerformanceCheck-D1900V2 SN 5d043

Frequency: 1800 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used: $f = 1800$ MHz; $\sigma = 1.392$ mho/m; $\epsilon_r = 52.963$; $\rho = 1000$ kg/m³

DASY5 Configuration:

- Electronics: DAE4 Sn1259; Calibrated: 2/13/2012
- Probe: EX3DV4 - SN3686; ConvF(7.44, 7.44, 7.44); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (A); Type: QDOVA001BB; Serial: 1120

Body/Pin=100 mW/Area Scan (7x7x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 4.251 mW/g

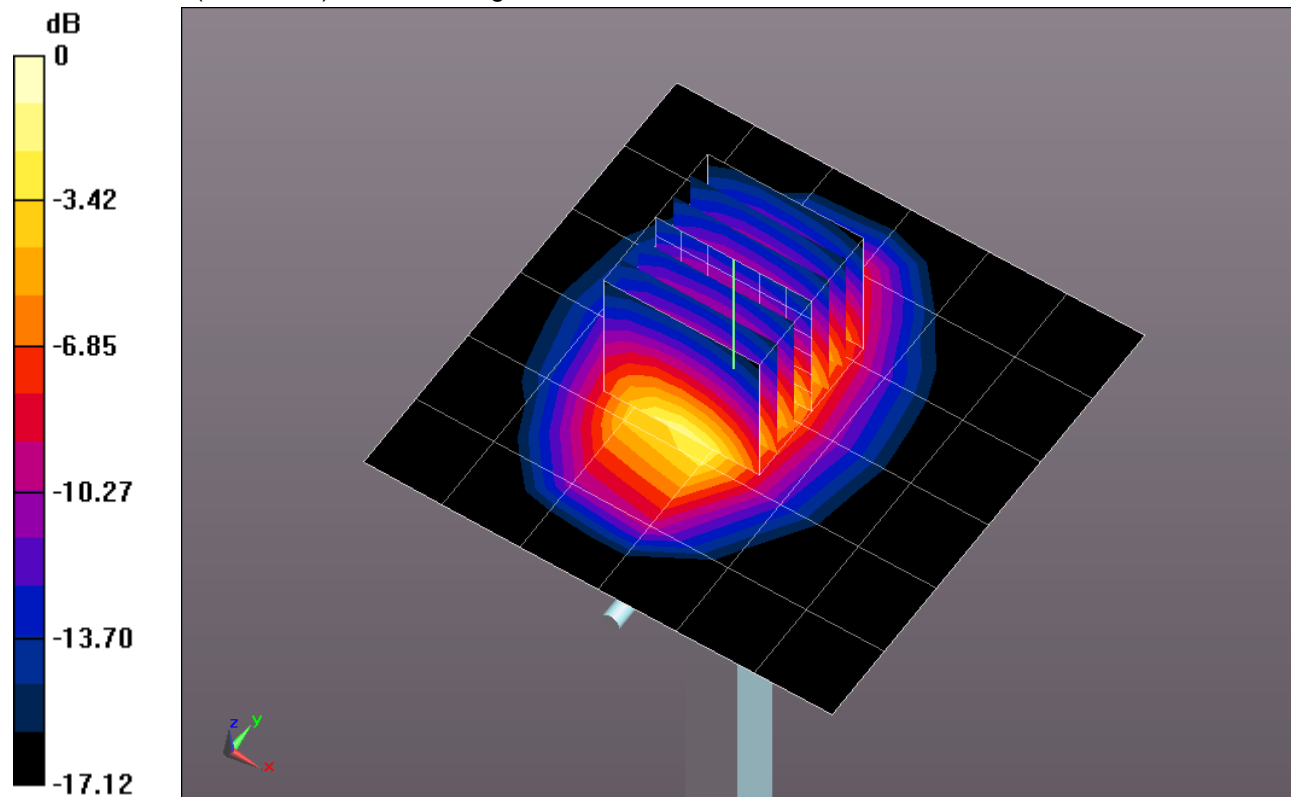
Body/Pin=100 mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 65.345 V/m; Power Drift = -0.19 dB

Peak SAR (extrapolated) = 7.3830

SAR(1 g) = 4.16 mW/g; SAR(10 g) = 2.18 mW/g

Maximum value of SAR (measured) = 5.594 mW/g



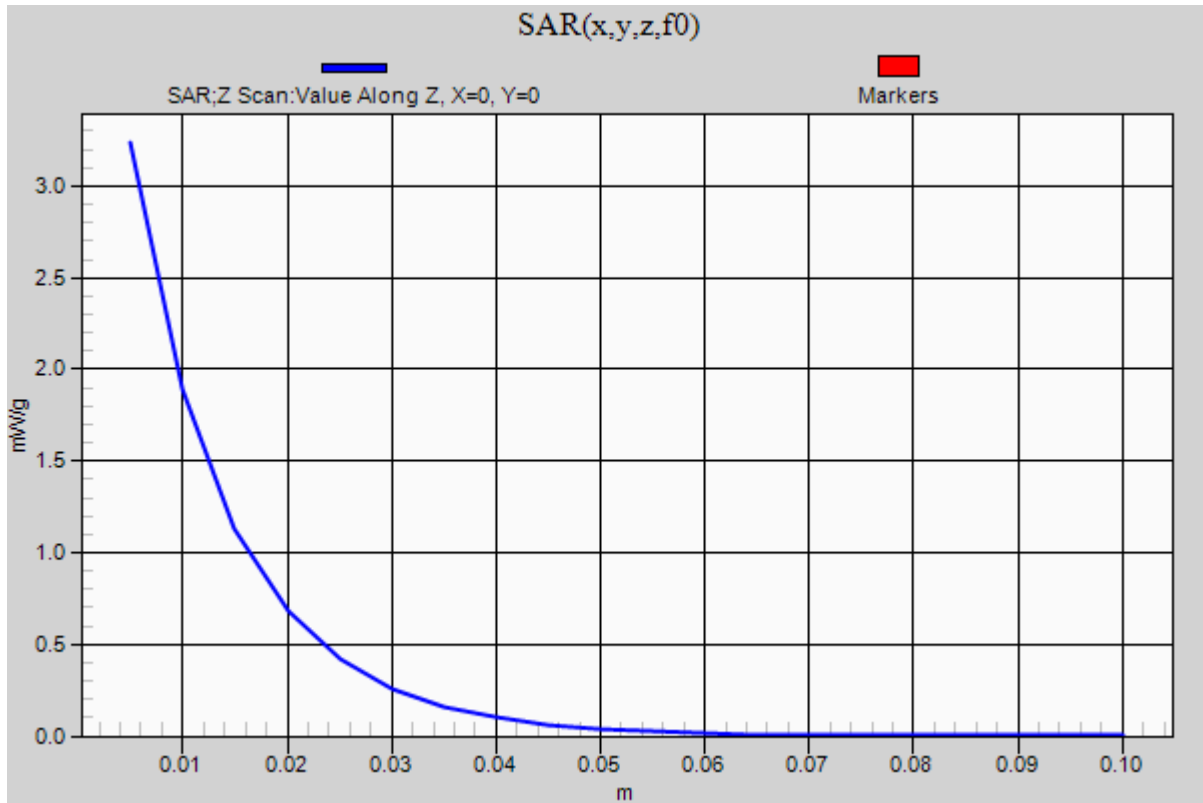
0 dB = 5.590mW/g = 14.95 dB mW/g

Test Laboratory: UL CCS SAR Lab B Date: 5/23/2012

20120523_SystemPerformanceCheck-D1900V2 SN 5d043

Frequency: 1800 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) = 3.236 mW/g



20120523_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; $\sigma = 1.011$ mho/m; $\epsilon_r = 54.133$; $\rho = 1000$ kg/m³

DASY5 Configuration:

- Electronics: DAE4 Sn1259; Calibrated: 2/13/2012
- Probe: EX3DV4 - SN3686; ConvF(8.73, 8.73, 8.73); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (B); Type: QDOVA001BB; Serial: 1118

Body/Pin=100 mW/Area Scan (7x7x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 1.055 mW/g

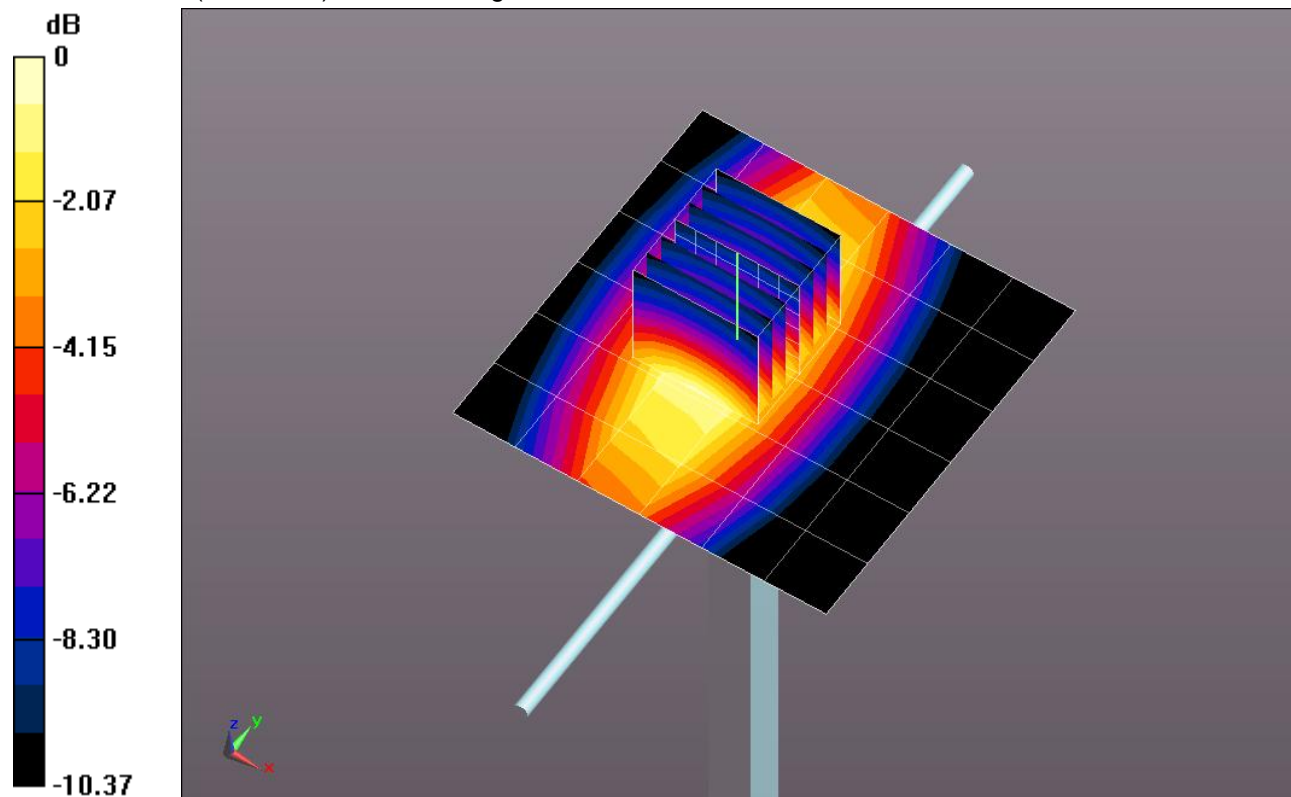
Body/Pin=100 mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 34.979 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 1.4980

SAR(1 g) = 1.01 mW/g; SAR(10 g) = 0.664 mW/g

Maximum value of SAR (measured) = 1.227 mW/g



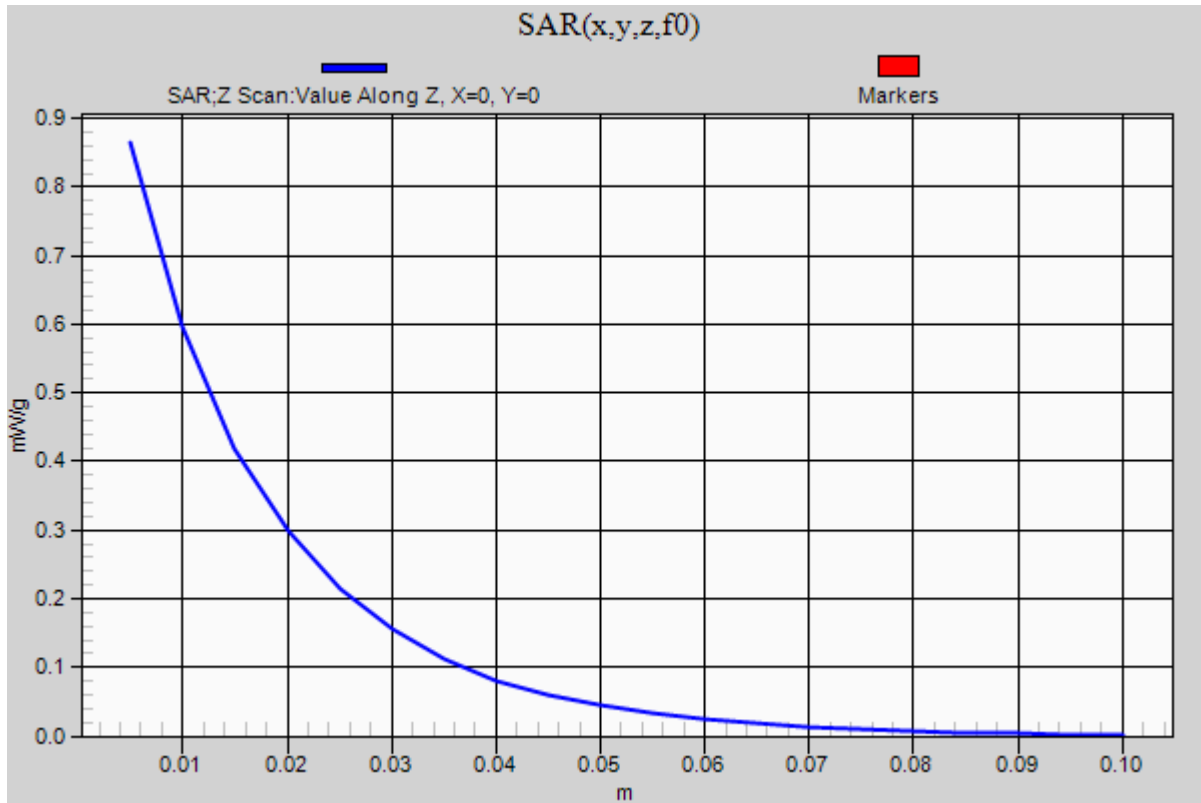
0 dB = 1.230mW/g = 1.80 dB mW/g

Test Laboratory: UL CCS SAR Lab B Date: 5/23/2012

20120523_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) = 0.864 mW/g



20120524_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: $f = 835 \text{ MHz}$; $\sigma = 0.881 \text{ mho/m}$; $\epsilon_r = 41.422$; $\rho = 1000 \text{ kg/m}^3$

DASY5 Configuration:

- Electronics: DAE4 Sn1259; Calibrated: 2/13/2012
- Probe: EX3DV4 - SN3686; ConvF(8.61, 8.61, 8.61); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: SAM; Type: QD000P40CD; Serial: 1629

Head/Pin=100 mW/Area Scan (7x7x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (measured) = 1.018 mW/g

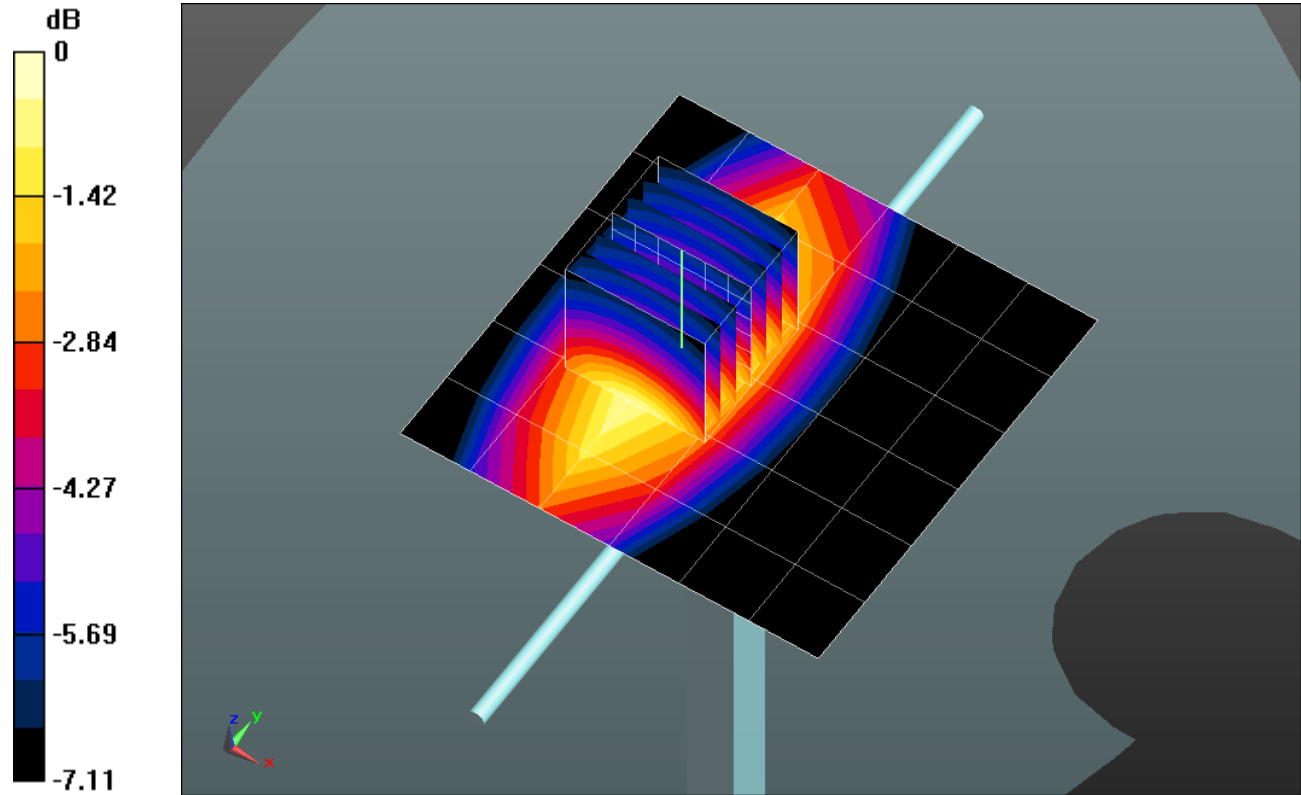
Head/Pin=100 mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 32.011 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 1.1860

SAR(1 g) = 0.896 mW/g; SAR(10 g) = 0.650 mW/g

Maximum value of SAR (measured) = 1.039 mW/g



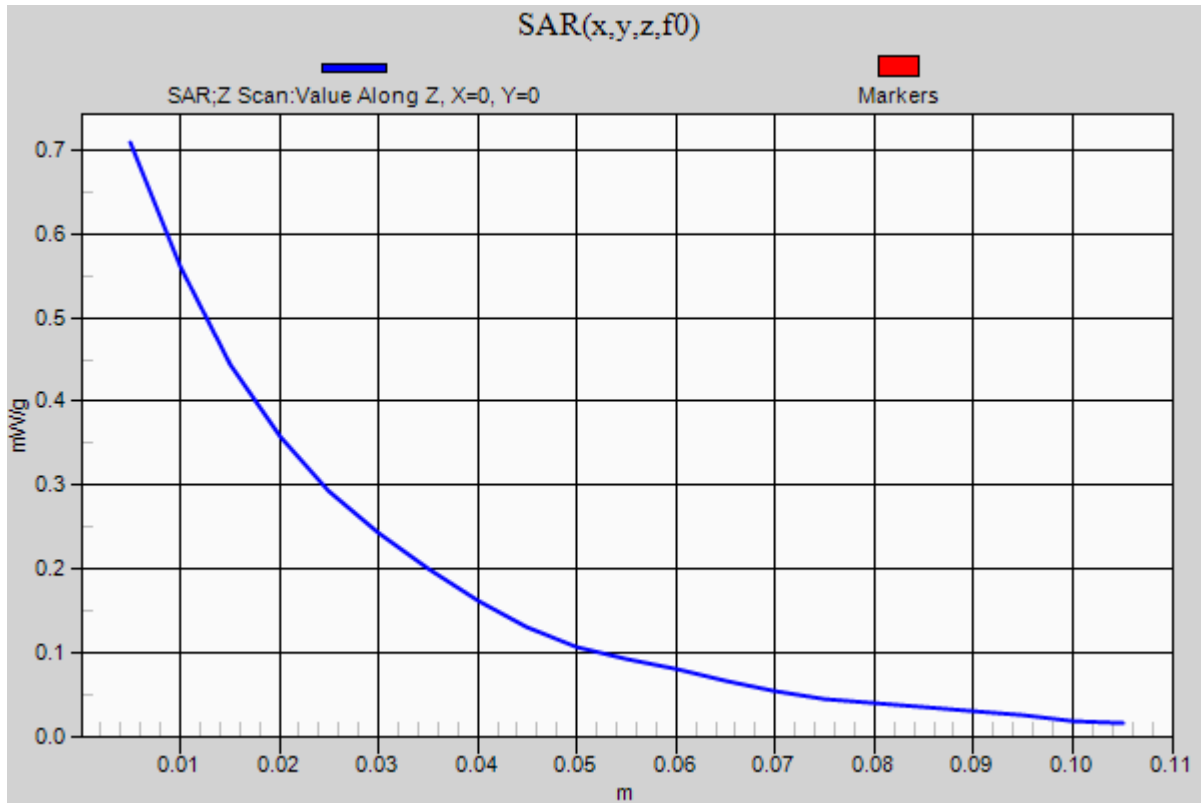
0 dB = 1.040mW/g = 0.34 dB mW/g

Test Laboratory: UL CCS SAR Lab B Date: 5/24/2012

20120524_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) = 0.709 mW/g



20120524_SystemPerformanceCheck-D750V3 SN 1019

Frequency: 750 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used: $f = 750 \text{ MHz}$; $\sigma = 0.884 \text{ mho/m}$; $\epsilon_r = 41.098$; $\rho = 1000 \text{ kg/m}^3$

DASY5 Configuration:

- Electronics: DAE4 Sn1259; Calibrated: 2/13/2012
- Probe: EX3DV4 - SN3686; ConvF(8.83, 8.83, 8.83); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: SAM; Type: QD000P40CD; Serial: 1629

Head/Pin=100 mW/Area Scan (7x7x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (measured) = 1.004 mW/g

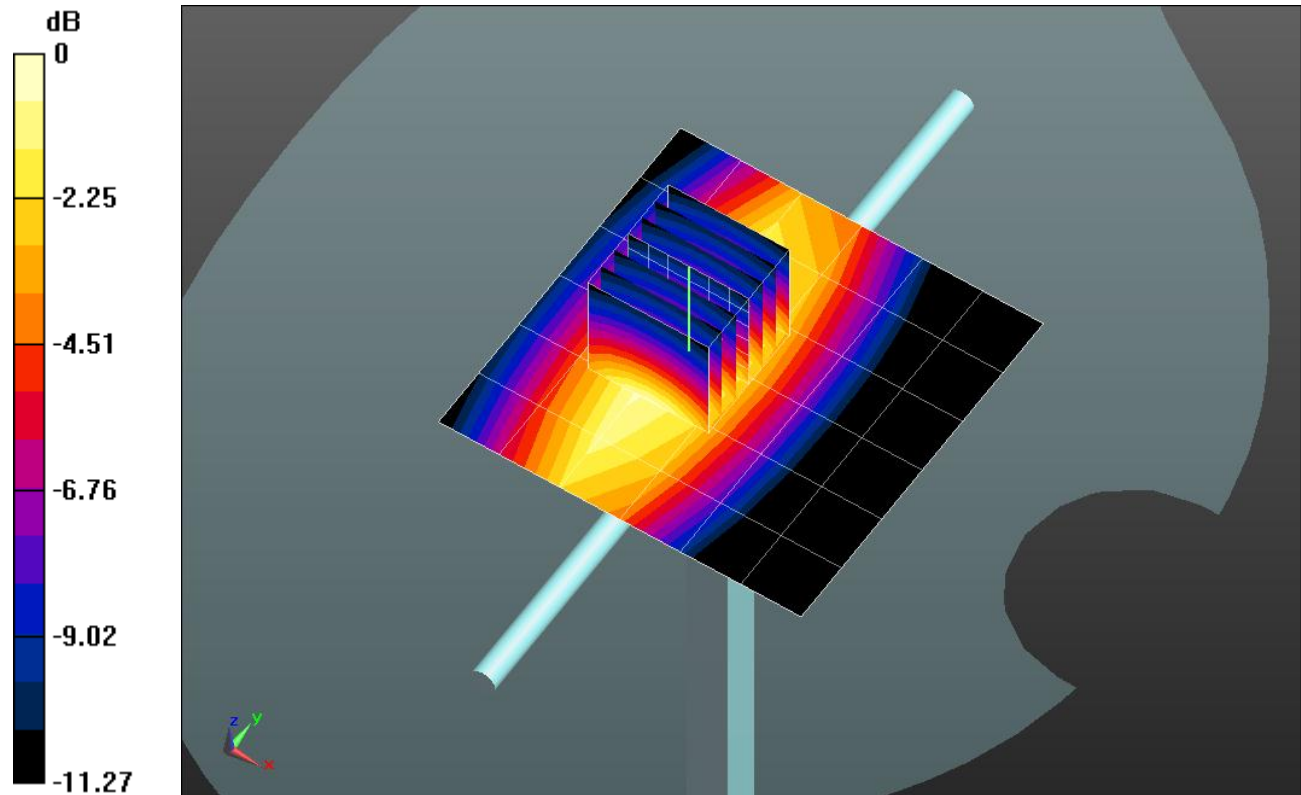
Head/Pin=100 mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 32.637 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 1.3800

SAR(1 g) = 0.853 mW/g; SAR(10 g) = 0.533 mW/g

Maximum value of SAR (measured) = 1.076 mW/g



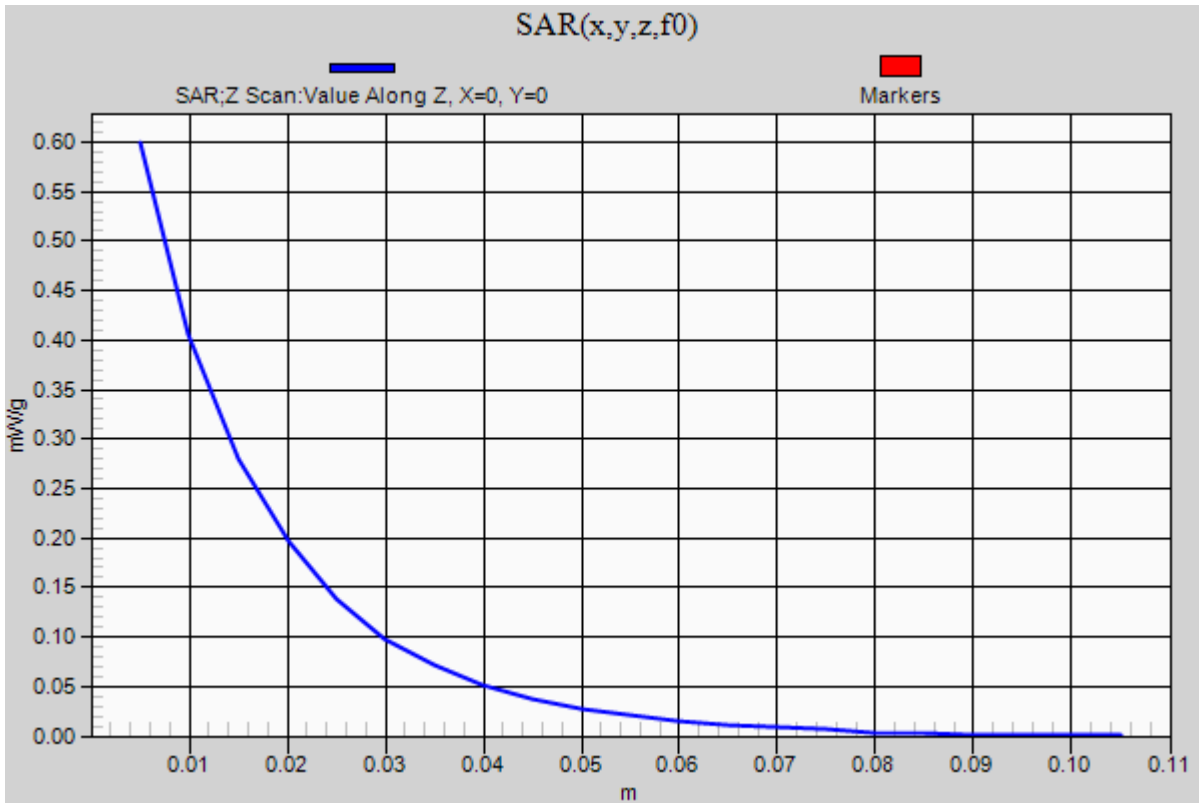
0 dB = 1.080mW/g = 0.67 dB mW/g

Test Laboratory: UL CCS SAR Lab B Date: 5/24/2012

20120524_SystemPerformanceCheck-D750V3 SN 1019

Frequency: 750 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) = 0.599 mW/g



20120525_SystemPerformanceCheck-D750V3 SN 1019

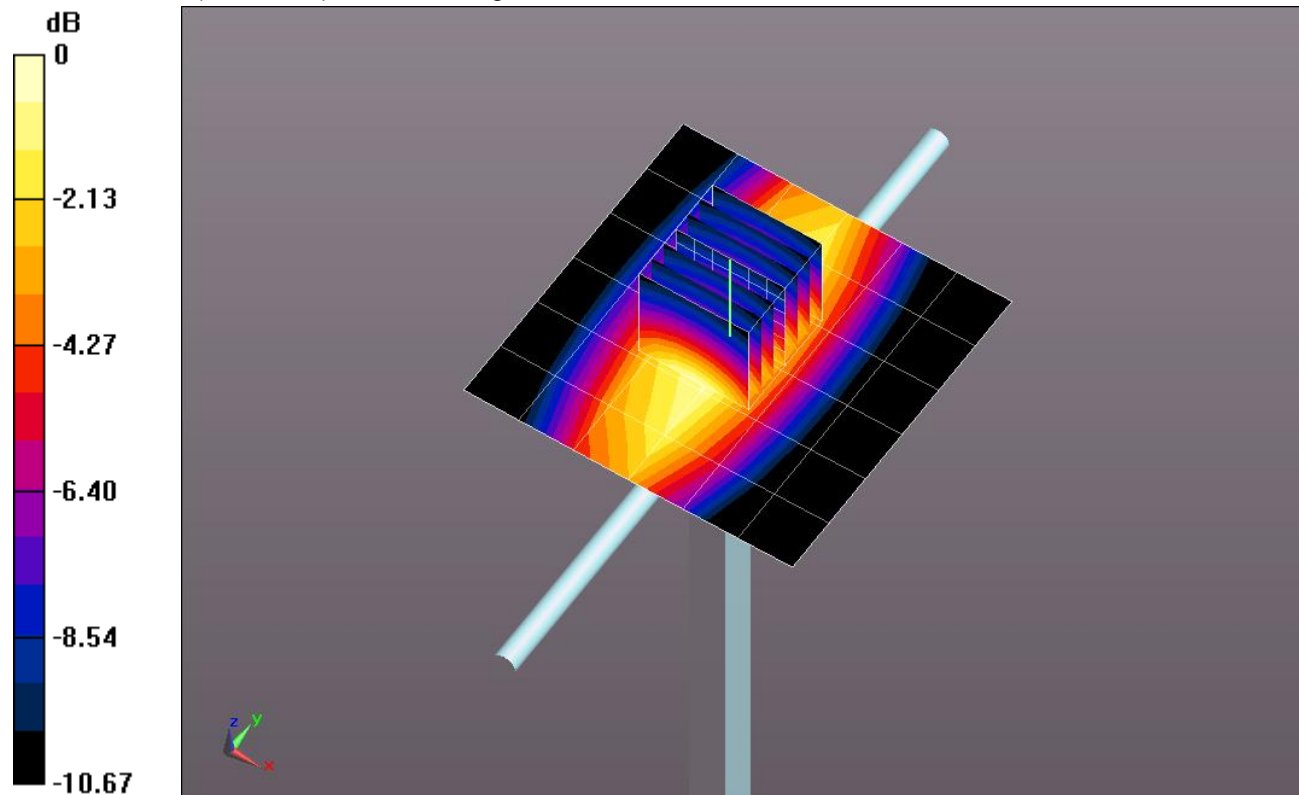
Frequency: 750 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used: $f = 750$ MHz; $\sigma = 0.959$ mho/m; $\epsilon_r = 56.313$; $\rho = 1000$ kg/m³

DASY5 Configuration:

- Electronics: DAE4 Sn1259; Calibrated: 2/13/2012
- Probe: EX3DV4 - SN3686; ConvF(8.87, 8.87, 8.87); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (A); Type: QDOVA001BB; Serial: 1120

Body/Pin=100 mW/Area Scan (7x7x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 1.113 mW/g

Body/Pin=100 mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 35.675 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 1.4860
SAR(1 g) = 0.948 mW/g; SAR(10 g) = 0.601 mW/g
Maximum value of SAR (measured) = 1.181 mW/g



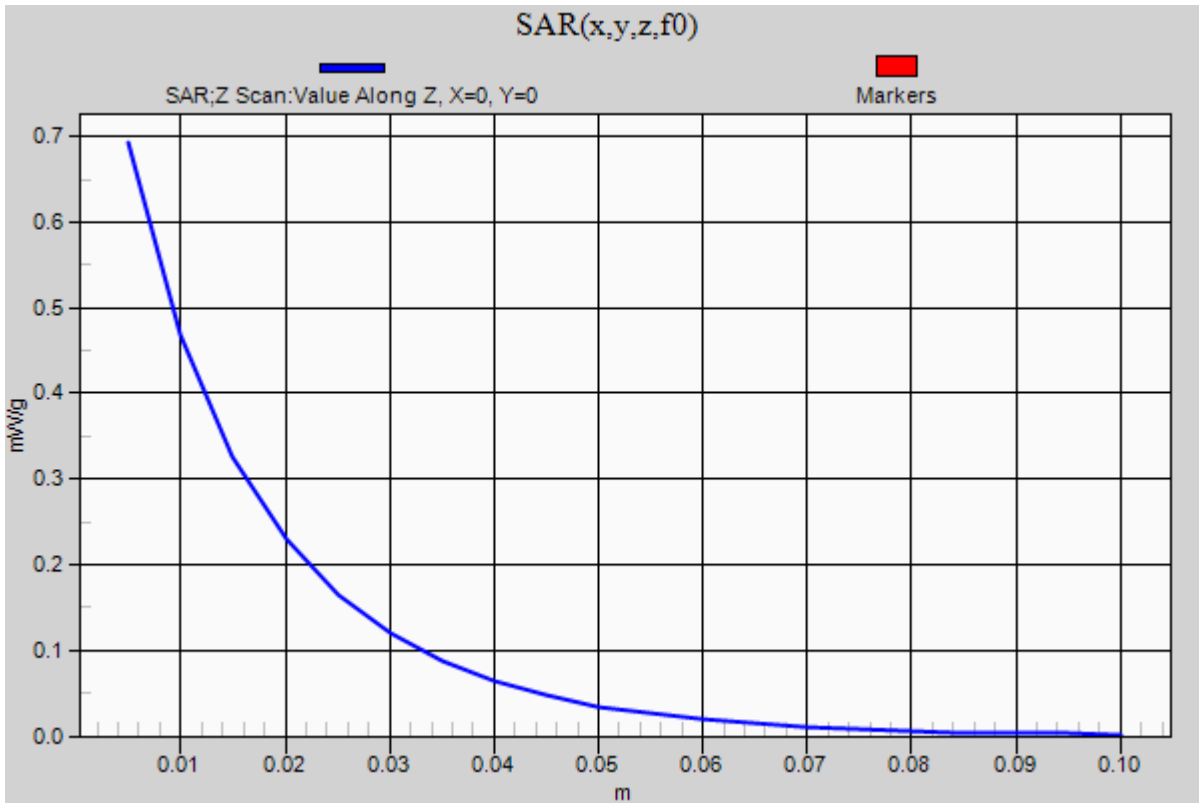
0 dB = 1.180mW/g = 1.44 dB mW/g

Test Laboratory: UL CCS SAR Lab B Date: 5/25/2012

20120525_SystemPerformanceCheck-D750V3 SN 1019

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) = 0.693 mW/g



20120530_SystemPerformanceCheck-D2450V2 SN 748

Frequency: 2450 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used: $f = 2450$ MHz; $\sigma = 1.963$ mho/m; $\epsilon_r = 52.237$; $\rho = 1000$ kg/m³

DASY5 Configuration:

- Electronics: DAE4 Sn1259; Calibrated: 2/13/2012
- Probe: EX3DV4 - SN3686; ConvF(6.7, 6.7, 6.7); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (A); Type: QDOVA001BB; Serial: 1120

Body/Pin=100 mW/Area Scan (7x7x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 5.084 mW/g

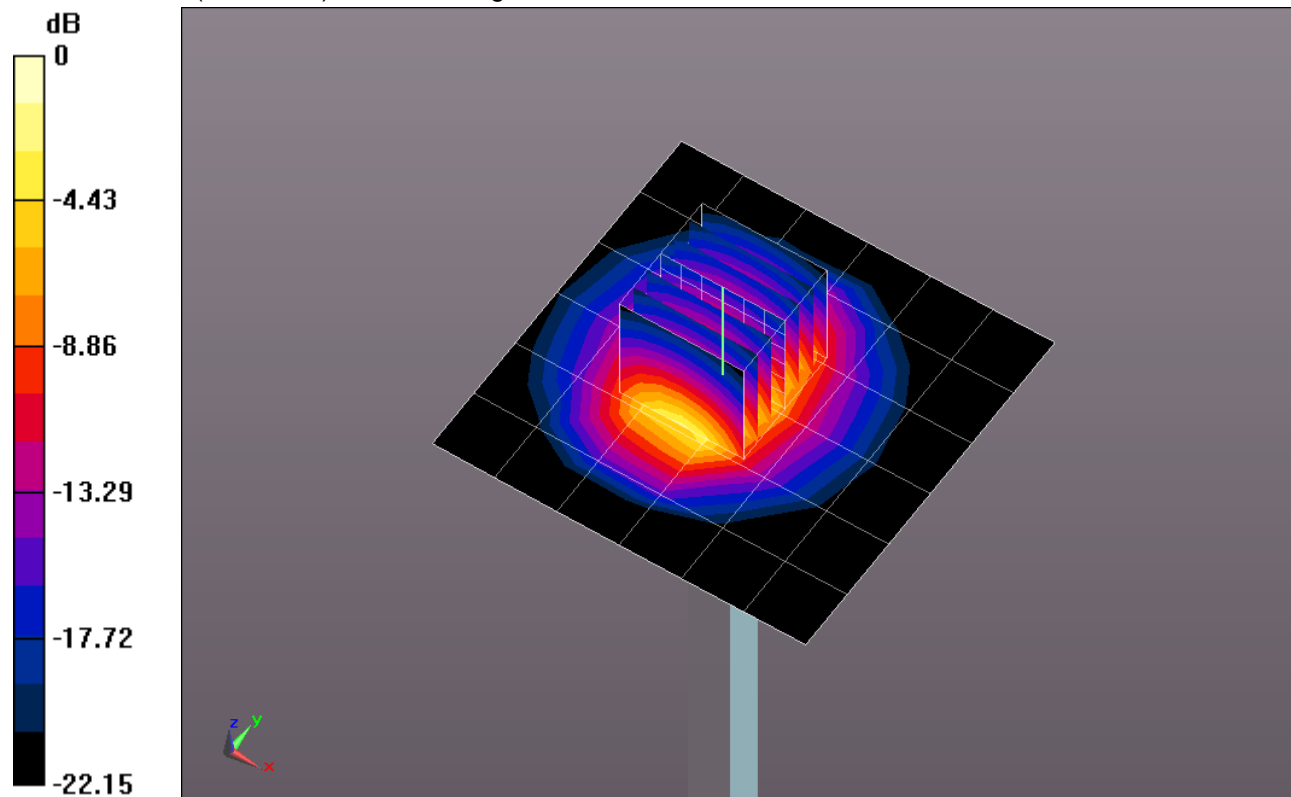
Body/Pin=100 mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 61.088 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 10.6710

SAR(1 g) = 5.06 mW/g; SAR(10 g) = 2.32 mW/g

Maximum value of SAR (measured) = 7.265 mW/g



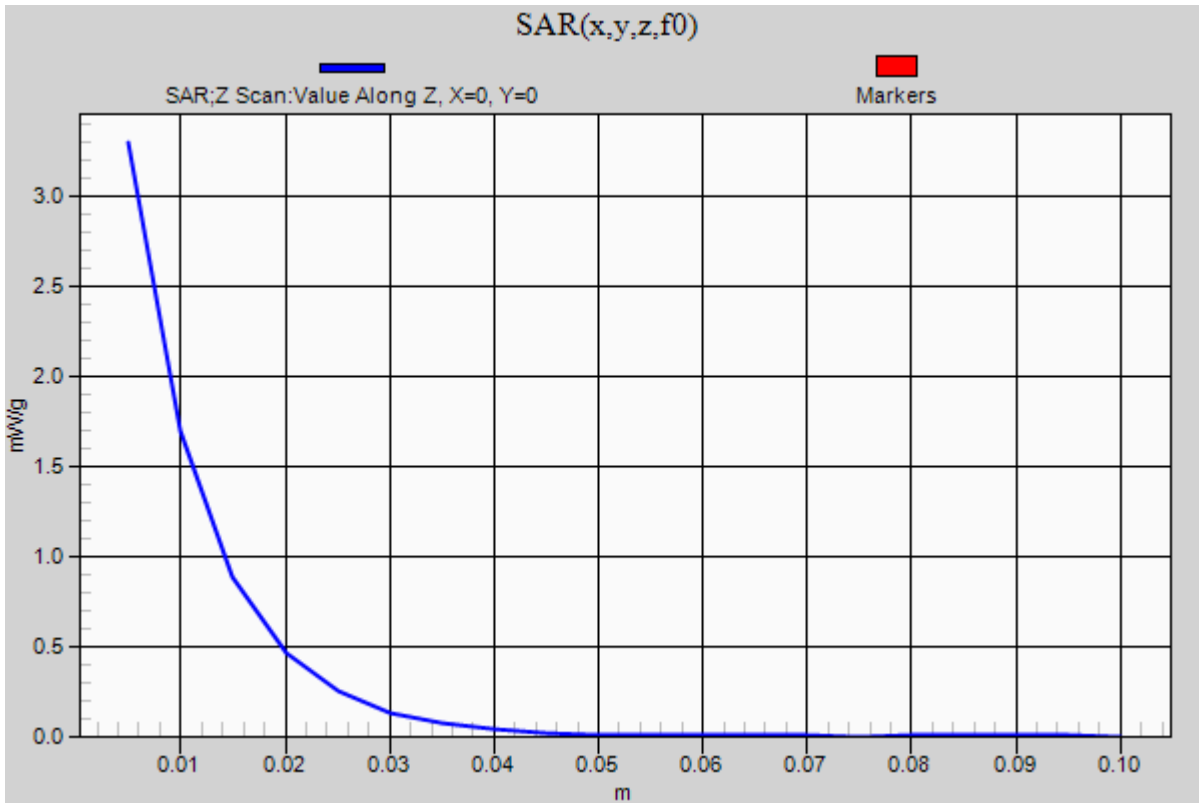
0 dB = 7.270mW/g = 17.23 dB mW/g

Test Laboratory: UL CCS SAR Lab B Date: 5/30/2012

20120530_SystemPerformanceCheck-D2450V2 SN 748

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) = 3.299 mW/g



20120531_SystemPerformanceCheck-D2450V2 SN 748

Frequency: 2450 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used: $f = 2450$ MHz; $\sigma = 1.827$ mho/m; $\epsilon_r = 39.089$; $\rho = 1000$ kg/m³

DASY5 Configuration:

- Electronics: DAE4 Sn1259; Calibrated: 2/13/2012
- Probe: EX3DV4 - SN3686; ConvF(6.72, 6.72, 6.72); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: SAM; Type: QD000P40CD; Serial: 1629

Head/Pin=100 mW/Area Scan (7x7x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 7.172 mW/g

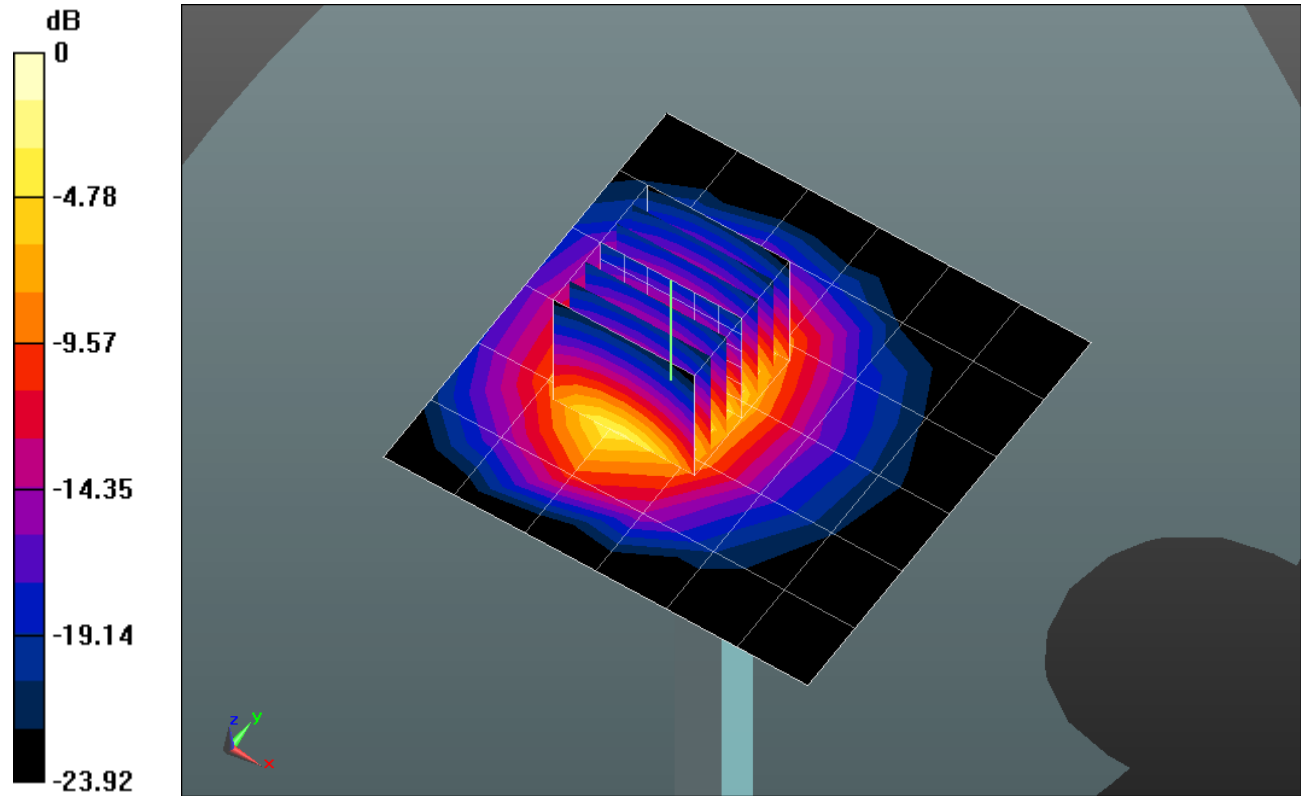
Head/Pin=100 mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 51.395 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 11.8380

SAR(1 g) = 5.37 mW/g; SAR(10 g) = 2.42 mW/g

Maximum value of SAR (measured) = 7.758 mW/g



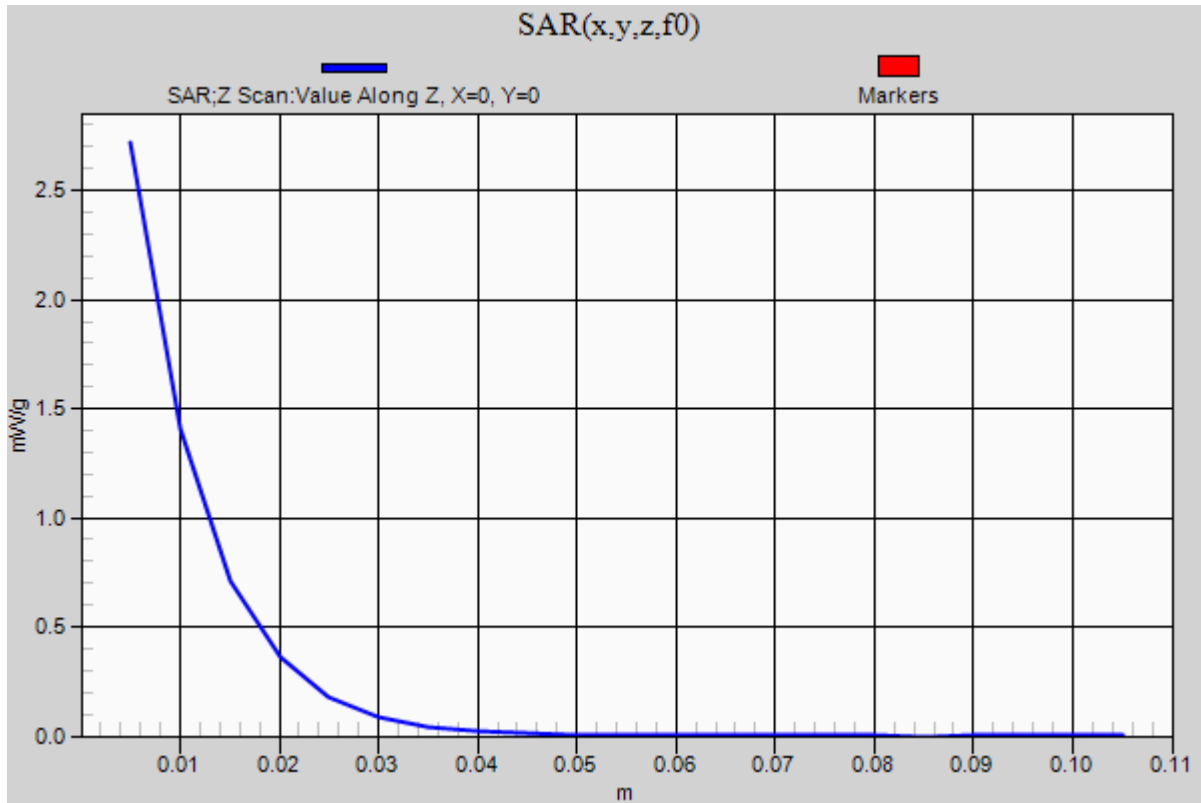
0 dB = 7.760mW/g = 17.80 dB mW/g

Test Laboratory: UL CCS SAR Lab B Date: 5/31/2012

20120531_SystemPerformanceCheck-D2450V2 SN 748

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) = 2.719 mW/g



20120531_SystemPerformanceCheck-D835V2 SN 4d002

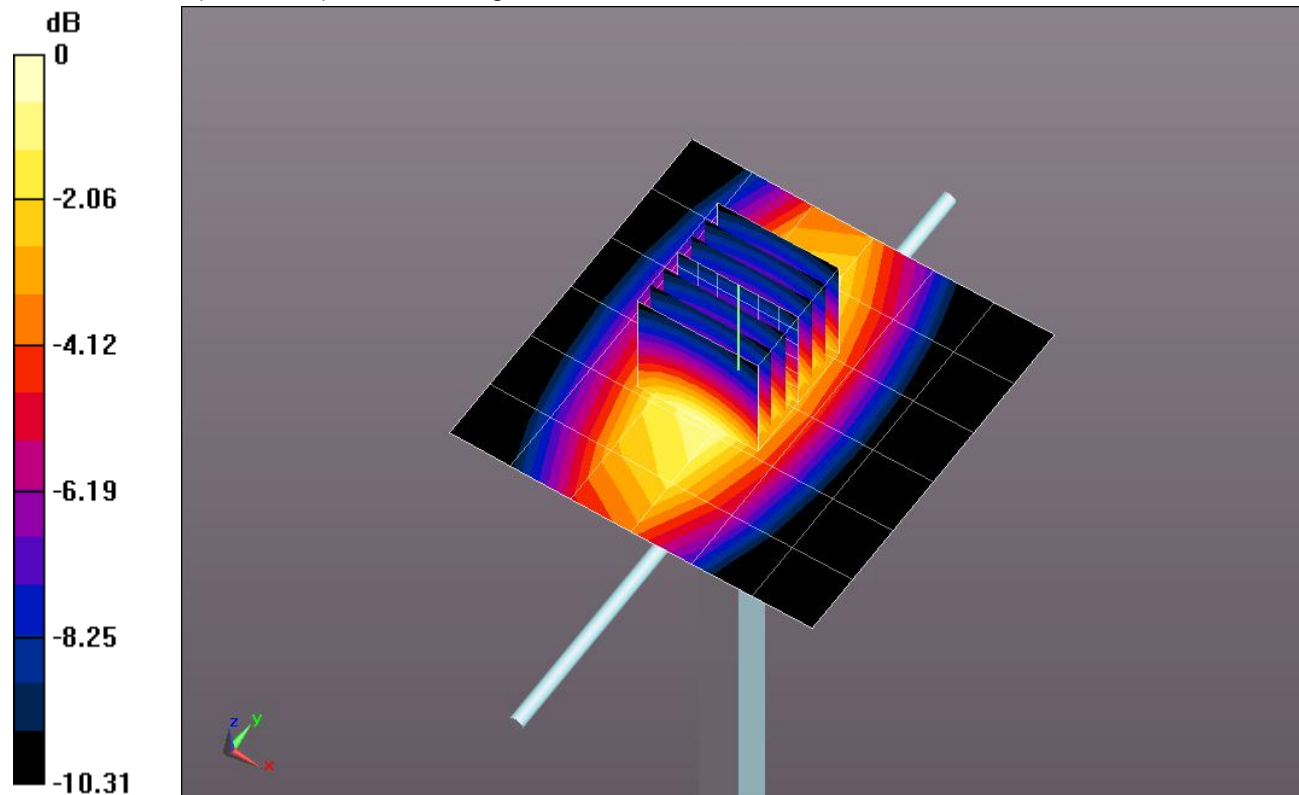
Frequency: 835 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used: $f = 835$ MHz; $\sigma = 0.981$ mho/m; $\epsilon_r = 53.682$; $\rho = 1000$ kg/m³

DASY5 Configuration:

- Electronics: DAE4 Sn1259; Calibrated: 2/13/2012
- Probe: EX3DV4 - SN3686; ConvF(8.73, 8.73, 8.73); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (A); Type: QDOVA001BB; Serial: 1120

Body/Pin=100 mW/Area Scan (7x7x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 1.117 mW/g

Body/Pin=100 mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 35.616 V/m; Power Drift = 0.0014 dB
Peak SAR (extrapolated) = 1.4720
SAR(1 g) = 0.990 mW/g; SAR(10 g) = 0.649 mW/g
Maximum value of SAR (measured) = 1.206 mW/g



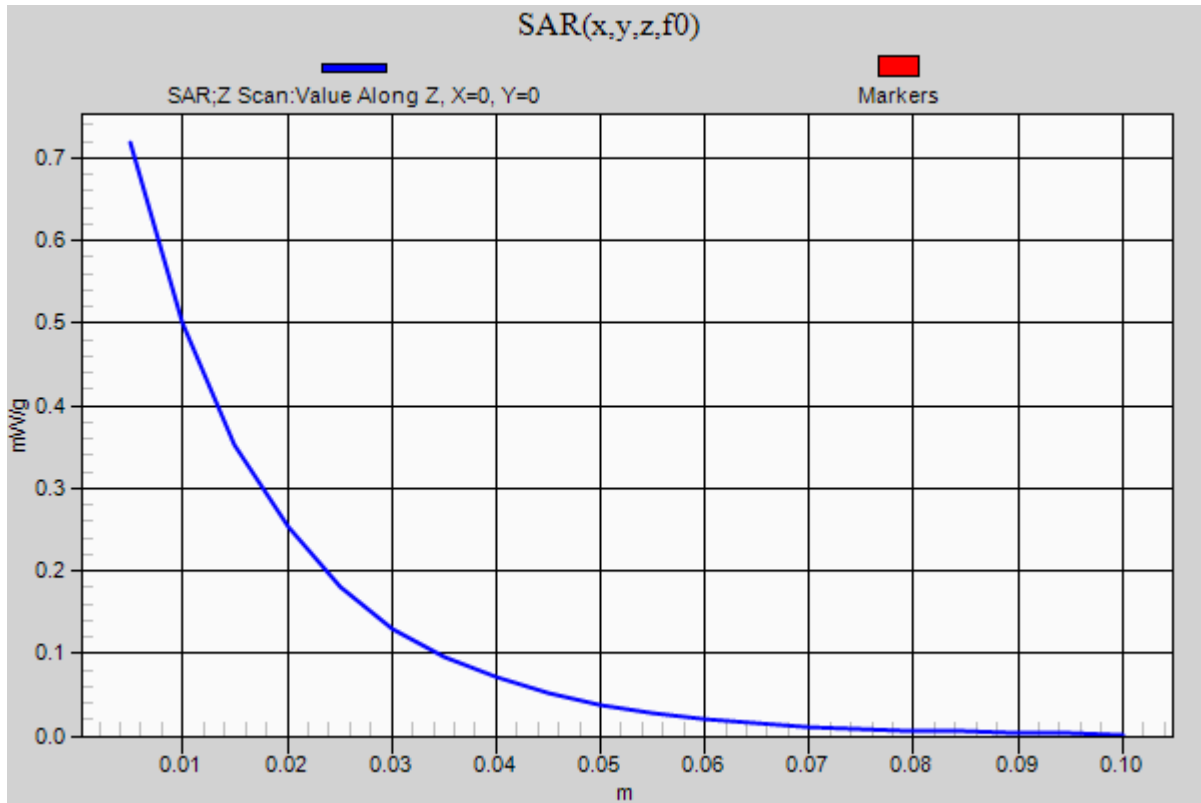
0 dB = 1.210mW/g = 1.66 dB mW/g

Test Laboratory: UL CCS SAR Lab B Date: 5/31/2012

20120531_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) = 0.718 mW/g



20120531_SystemPerformanceCheck-D5GHzV2 SN 1075

Frequency: 5200 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 25.0°C; Liquid Temperature: 24.0°C
Medium parameters used: $f = 5200$ MHz; $\sigma = 5.331$ mho/m; $\epsilon_r = 50.573$; $\rho = 1000$ kg/m³

DASY5 Configuration:

- Electronics: DAE4 Sn1259; Calibrated: 2/13/2012
- Probe: EX3DV4 - SN3686; ConvF(4.04, 4.04, 4.04); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (B); Type: QDOVA001BB; Serial: 1118

Body/5.2 GHz, Pin=100mW/Area Scan (7x7x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 11.084 mW/g

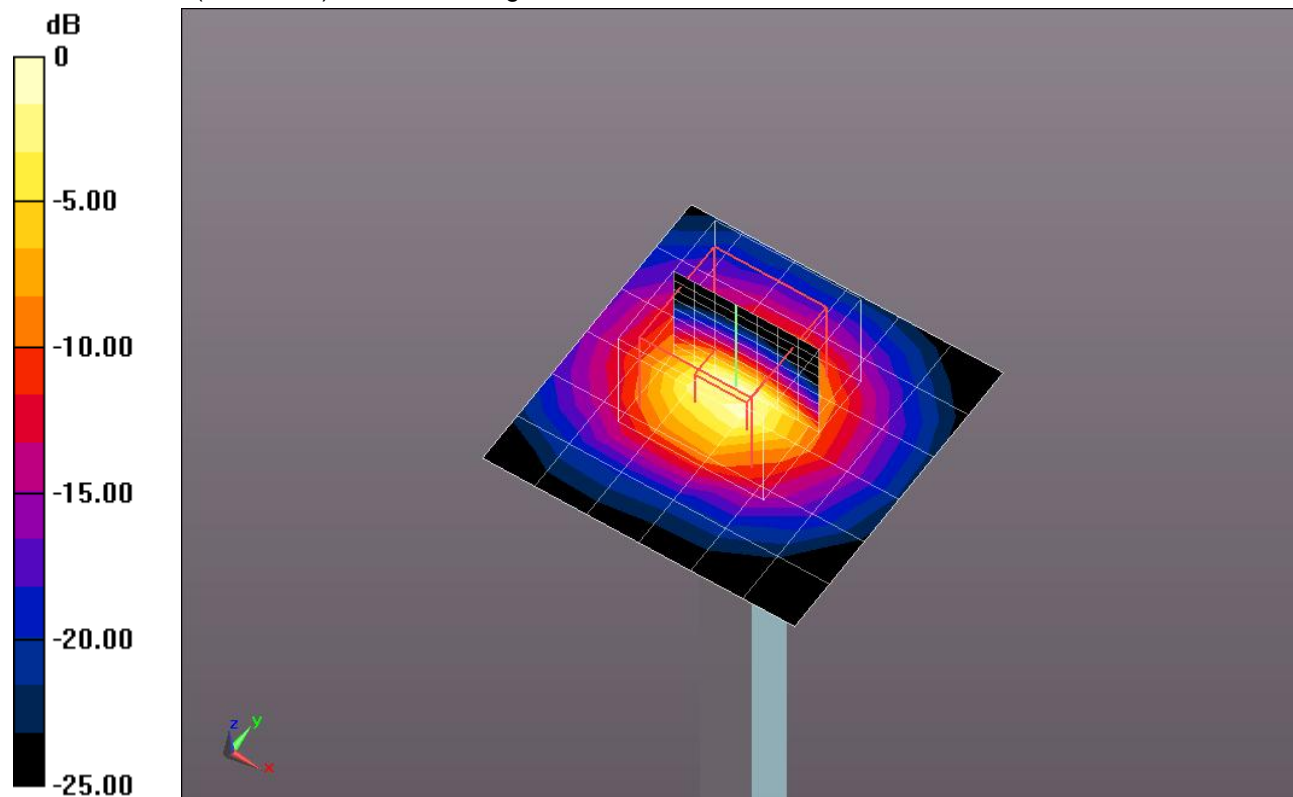
Body/5.2 GHz, Pin=100mW/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 47.988 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 26.7030

SAR(1 g) = 7.7 mW/g; SAR(10 g) = 2.17 mW/g

Maximum value of SAR (measured) = 13.916 mW/g

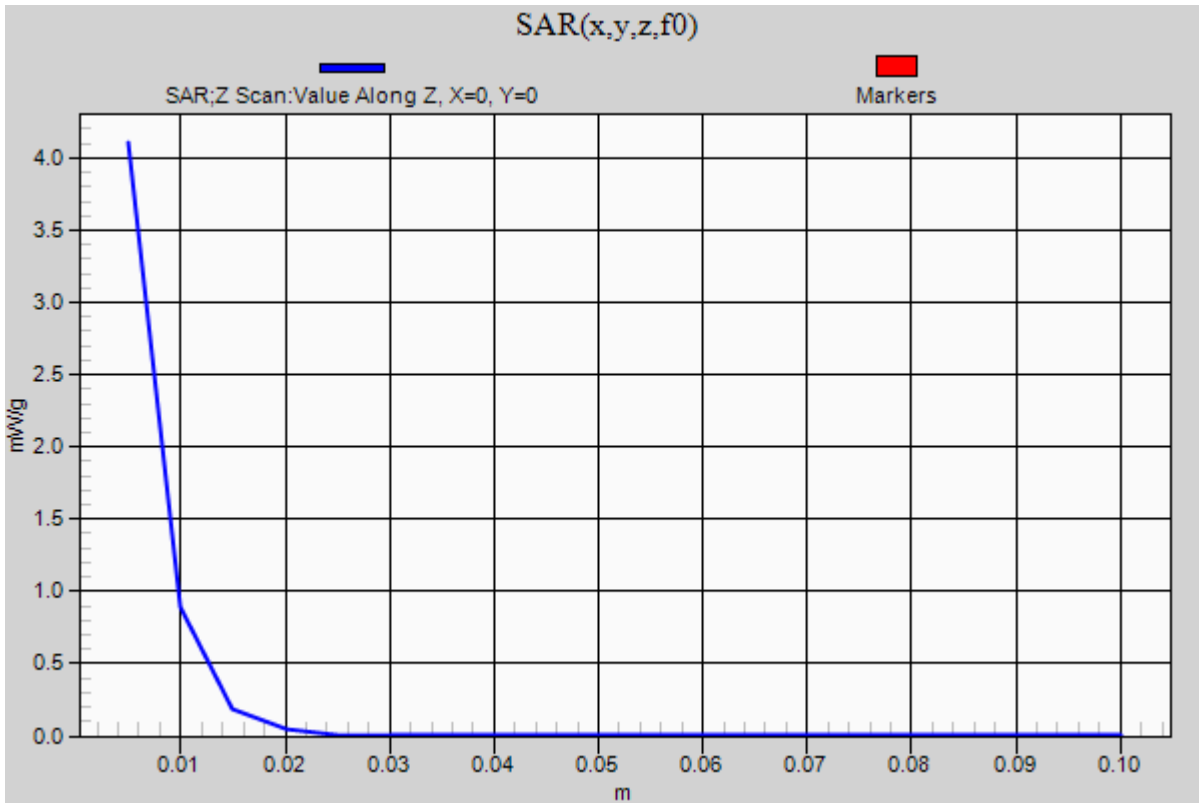


0 dB = 13.920mW/g = 22.87 dB mW/g

20120531_SystemPerformanceCheck-D5GHzV2 SN 1075

Frequency: 5200 MHz; Duty Cycle: 1:1

Body/5.2 GHz, Pin=100mW/Z Scan (1x1x21): Measurement grid: dx=20mm, dy=20mm, dz=5mm
Maximum value of SAR (measured) = 4.105 mW/g



20120601_SystemPerformanceCheck-D5GHzV2 SN 1075

Frequency: 5500 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 25.0°C; Liquid Temperature: 24.0°C
Medium parameters used: $f = 5500$ MHz; $\sigma = 5.426$ mho/m; $\epsilon_r = 50.629$; $\rho = 1000$ kg/m³

DASY5 Configuration:

- Electronics: DAE4 Sn1259; Calibrated: 2/13/2012
- Probe: EX3DV4 - SN3686; ConvF(3.62, 3.62, 3.62); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (B); Type: QDOVA001BB; Serial: 1118

Body/5.5 GHz, Pin=100mW/Area Scan (7x7x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 10.956 mW/g

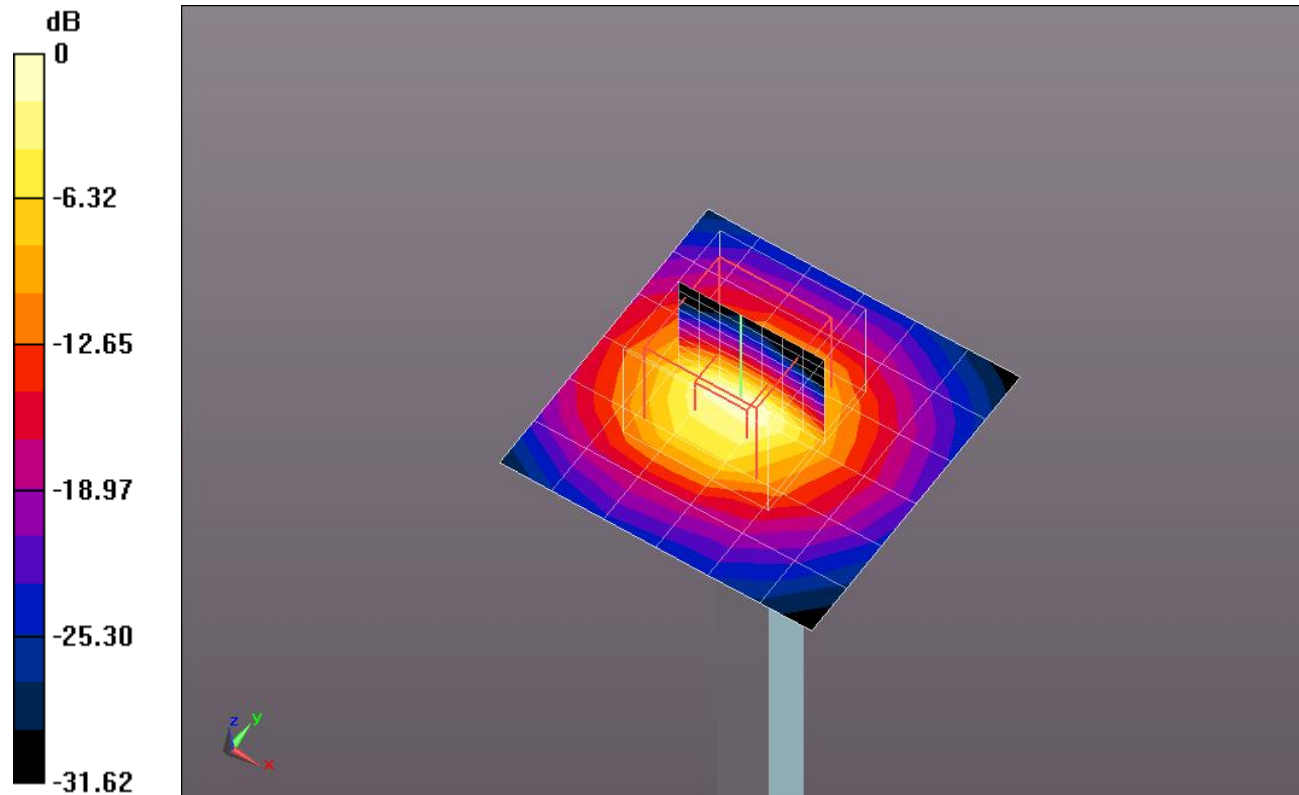
Body/5.5 GHz, Pin=100mW/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm,
dz=2.5mm

Reference Value = 48.633 V/m; Power Drift = 0.17 dB

Peak SAR (extrapolated) = 27.2190

SAR(1 g) = 7.65 mW/g; SAR(10 g) = 2.09 mW/g

Maximum value of SAR (measured) = 13.940 mW/g

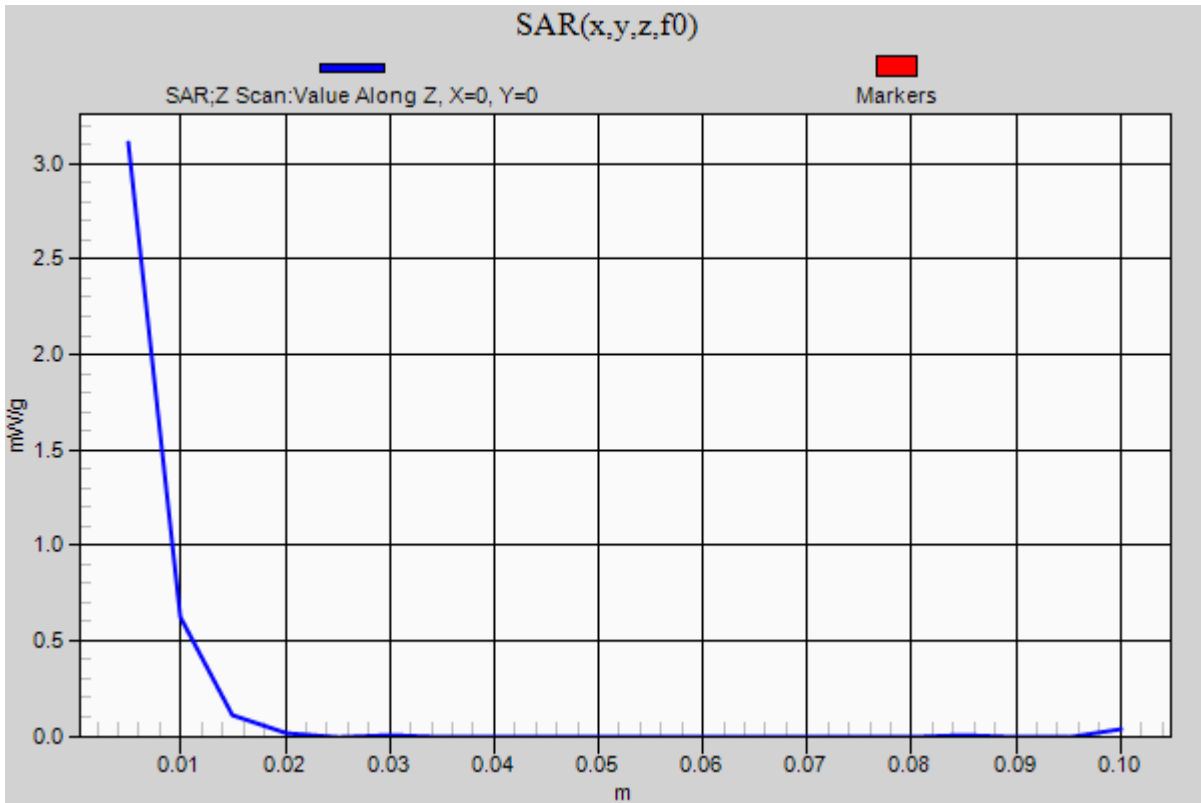


0 dB = 13.940mW/g = 22.89 dB mW/g

20120601_SystemPerformanceCheck-D5GHzV2 SN 1075

Frequency: 5500 MHz; Duty Cycle: 1:1

Body/5.5 GHz, Pin=100mW/Z Scan (1x1x21): Measurement grid: dx=20mm, dy=20mm, dz=5mm
Maximum value of SAR (measured) = 3.111 mW/g



20120601_SystemPerformanceCheck-D5GHzV2 SN 1075

Frequency: 5800 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 25.0°C; Liquid Temperature: 24.0°C
Medium parameters used: $f = 5800$ MHz; $\sigma = 5.799$ mho/m; $\epsilon_r = 50.178$; $\rho = 1000$ kg/m³

DASY5 Configuration:

- Electronics: DAE4 Sn1259; Calibrated: 2/13/2012
- Probe: EX3DV4 - SN3686; ConvF(3.57, 3.57, 3.57); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (B); Type: QDOVA001BB; Serial: 1118

Body/5.8 GHz, Pin=100mW 2/Area Scan (7x7x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 10.307 mW/g

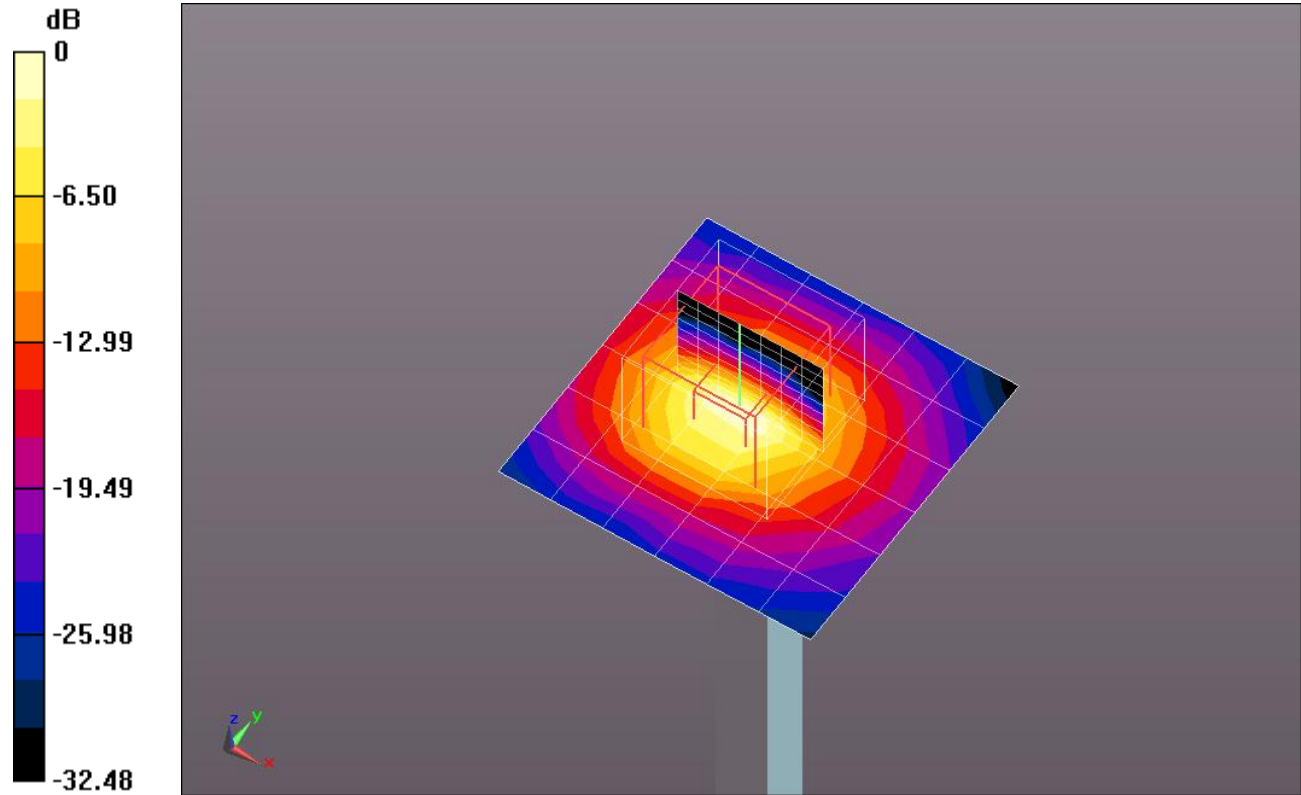
Body/5.8 GHz, Pin=100mW 2/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 46.047 V/m; Power Drift = 0.19 dB

Peak SAR (extrapolated) = 26.7140

SAR(1 g) = 7.26 mW/g; SAR(10 g) = 2.03 mW/g

Maximum value of SAR (measured) = 13.301 mW/g

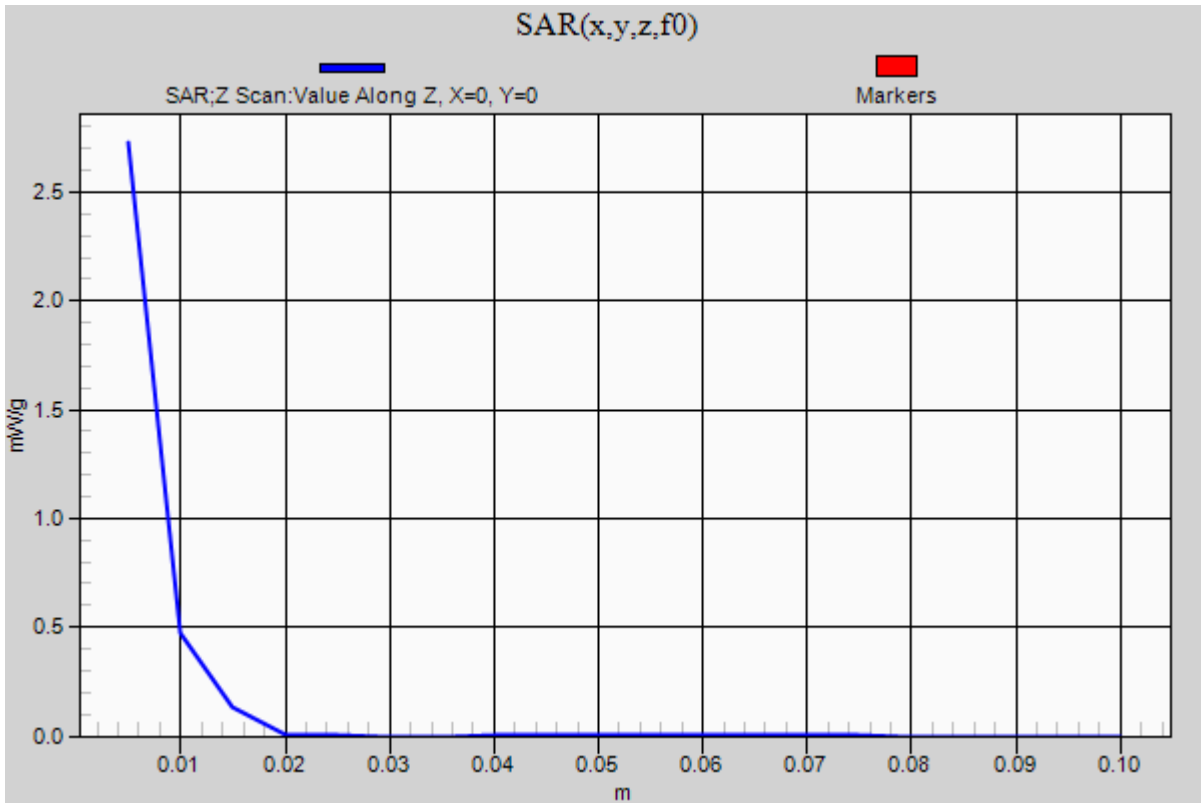


0 dB = 13.300mW/g = 22.48 dB mW/g

20120601_SystemPerformanceCheck-D5GHzV2 SN 1075

Frequency: 5800 MHz; Duty Cycle: 1:1

Body/5.8 GHz, Pin=100mW 2/Z Scan (1x1x21): Measurement grid: dx=20mm, dy=20mm, dz=5mm
Maximum value of SAR (measured) = 2.727 mW/g



20120601_SystemPerformanceCheck-D1900V2 SN 5d043

Frequency: 1800 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used: $f = 1800$ MHz; $\sigma = 1.426$ mho/m; $\epsilon_r = 52.735$; $\rho = 1000$ kg/m³

DASY5 Configuration:

- Electronics: DAE4 Sn1259; Calibrated: 2/13/2012
- Probe: EX3DV4 - SN3686; ConvF(7.44, 7.44, 7.44); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (A); Type: QDOVA001BB; Serial: 1120

Body/Pin=100 mW/Area Scan (7x7x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 4.074 mW/g

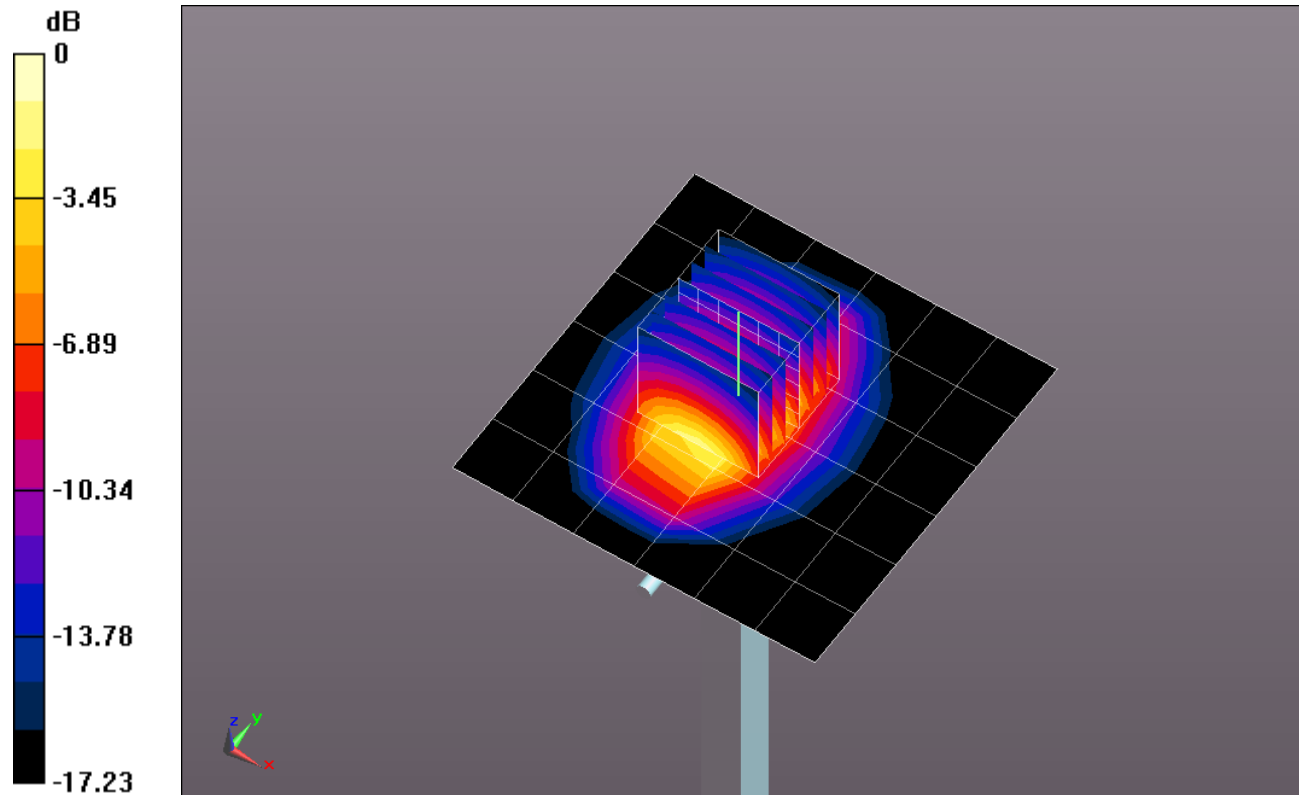
Body/Pin=100 mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 63.243 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 7.3720

SAR(1 g) = 4.2 mW/g; SAR(10 g) = 2.21 mW/g

Maximum value of SAR (measured) = 5.562 mW/g



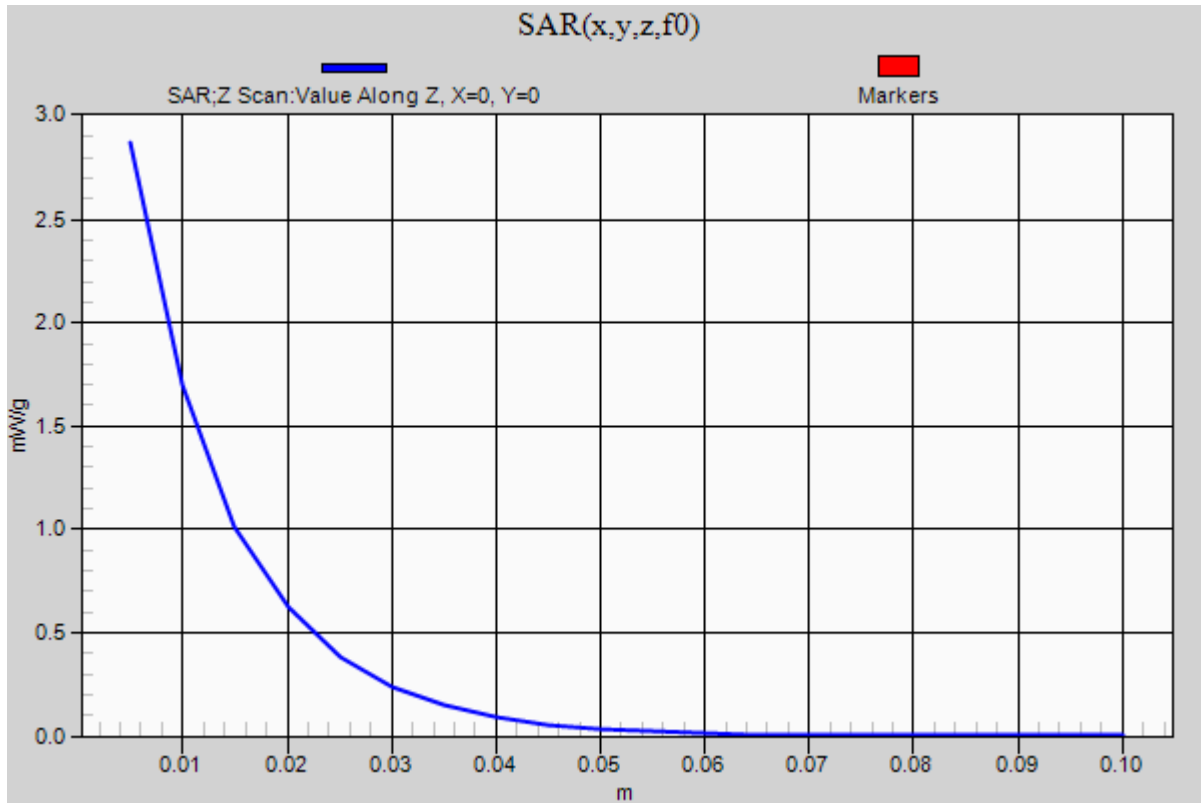
0 dB = 5.560mW/g = 14.90 dB mW/g

Test Laboratory: UL CCS SAR Lab B Date: 6/1/2012

20120601_SystemPerformanceCheck-D1900V2 SN 5d043

Frequency: 1800 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) = 2.872 mW/g



20120602_SystemPerformanceCheck-D750V3 SN 1019

Frequency: 750 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used: $f = 750 \text{ MHz}$; $\sigma = 0.954 \text{ mho/m}$; $\epsilon_r = 55.992$; $\rho = 1000 \text{ kg/m}^3$

DASY5 Configuration:

- Electronics: DAE4 Sn1259; Calibrated: 2/13/2012
- Probe: EX3DV4 - SN3686; ConvF(8.87, 8.87, 8.87); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (A); Type: QDOVA001BB; Serial: 1120

Body/Pin=100 mW/Area Scan (7x7x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (measured) = 0.912 mW/g

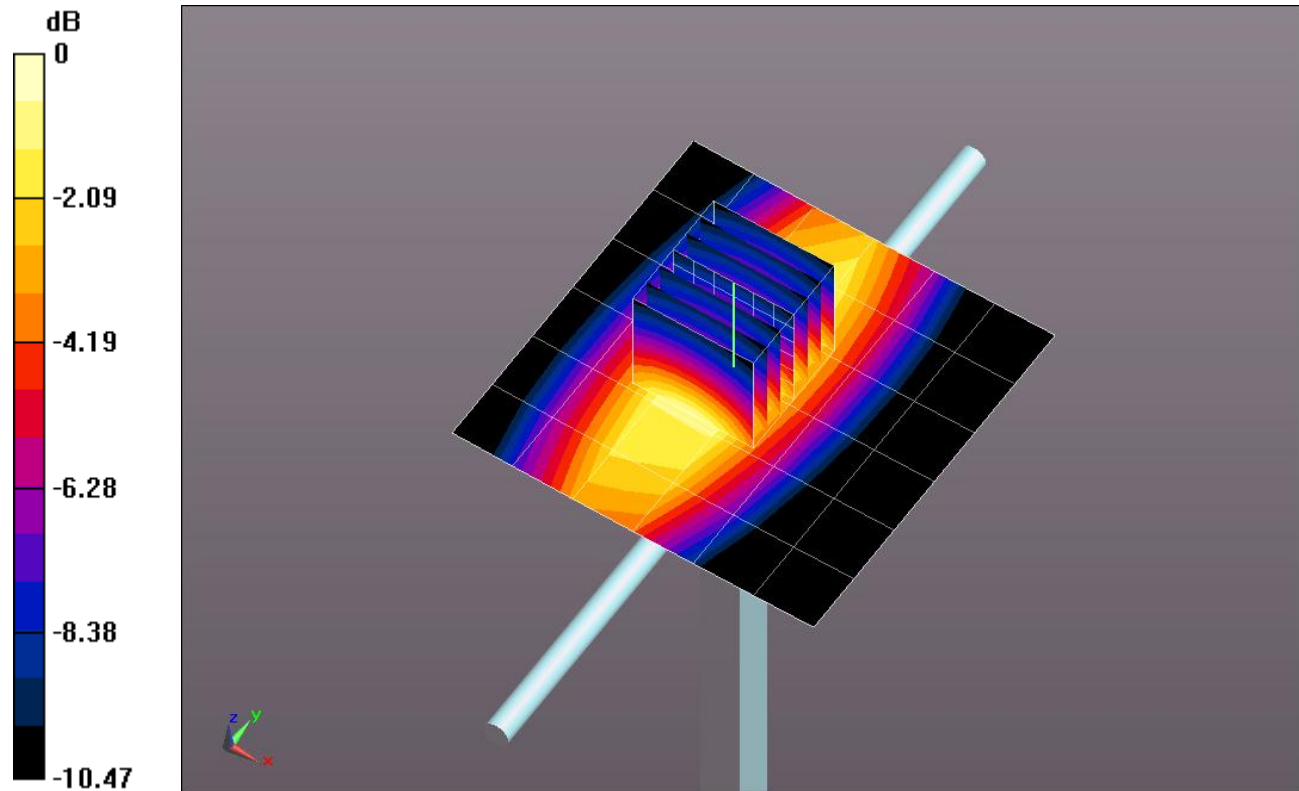
Body/Pin=100 mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 34.085 V/m; Power Drift = 0.0042 dB

Peak SAR (extrapolated) = 1.3350

SAR(1 g) = 0.873 mW/g; SAR(10 g) = 0.563 mW/g

Maximum value of SAR (measured) = 1.077 mW/g



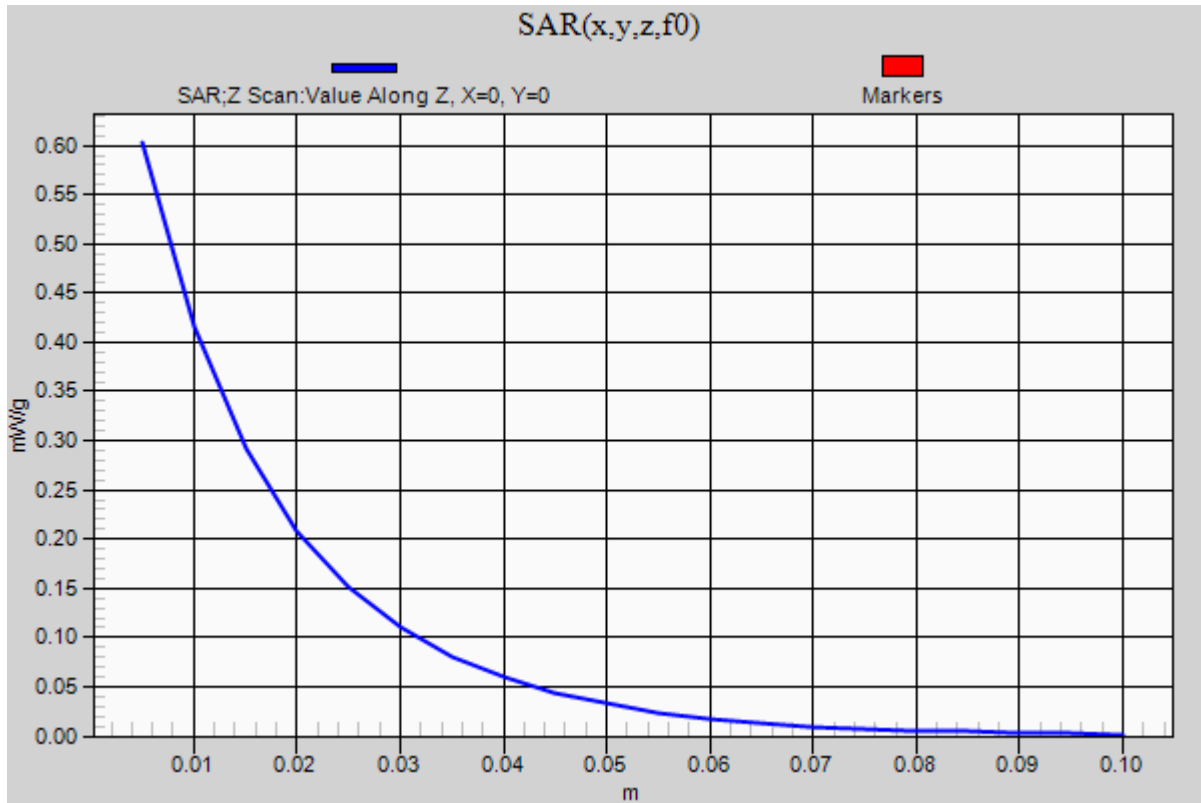
0 dB = 1.080mW/g = 0.67 dB mW/g

Test Laboratory: UL CCS SAR Lab B Date: 6/2/2012

20120602_SystemPerformanceCheck-D750V3 SN 1019

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) = 0.603 mW/g



20120604_SystemPerformanceCheck-D5GHzV2 SN 1075

Frequency: 5200 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 25.0°C; Liquid Temperature: 24.0°C
Medium parameters used: $f = 5200$ MHz; $\sigma = 4.796$ mho/m; $\epsilon_r = 35.915$; $\rho = 1000$ kg/m³

DASY5 Configuration:

- Electronics: DAE4 Sn1259; Calibrated: 2/13/2012
- Probe: EX3DV4 - SN3686; ConvF(4.61, 4.61, 4.61); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: SAM; Type: QD000P40CD; Serial: 1629

Head/5.2 GHz, Pin=100mW/Area Scan (7x7x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 11.524 mW/g

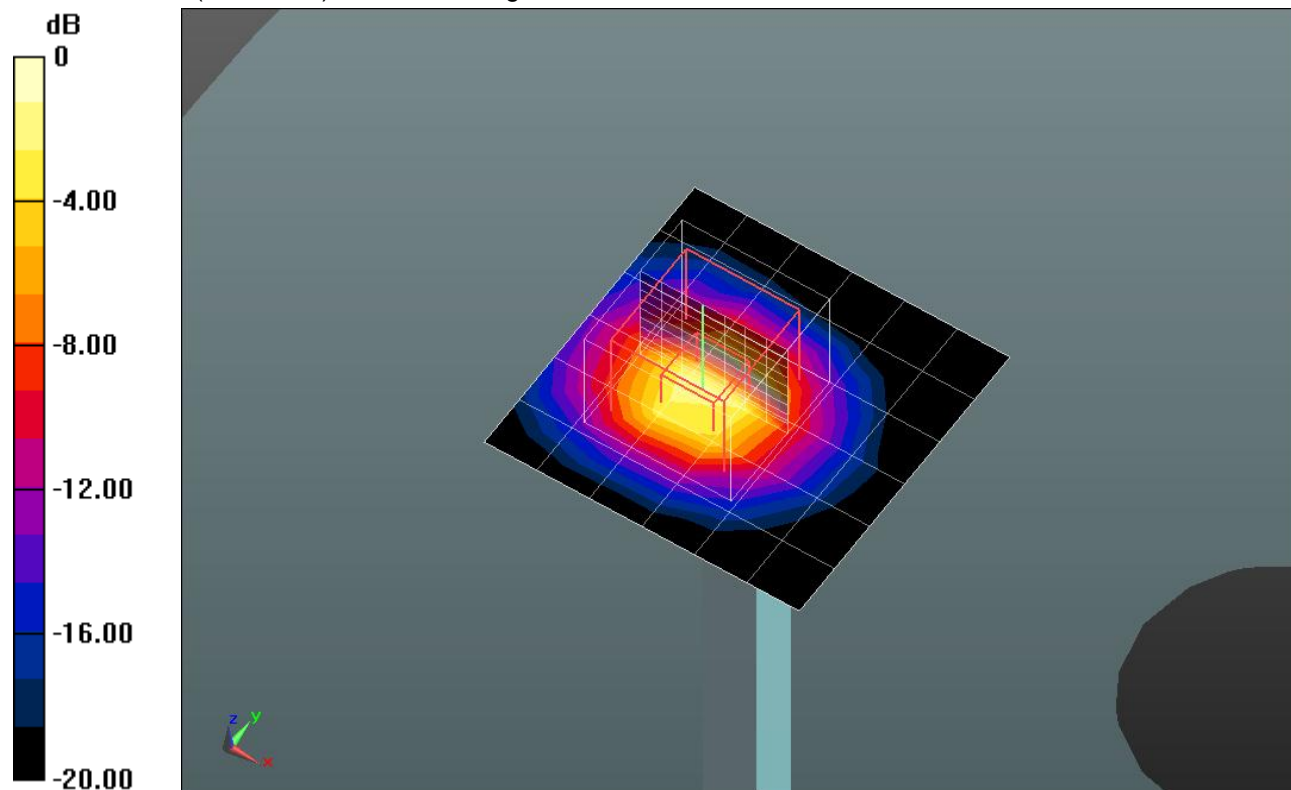
Head/5.2 GHz, Pin=100mW/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm,
dz=2.5mm

Reference Value = 45.038 V/m; Power Drift = 0.18 dB

Peak SAR (extrapolated) = 33.5140

SAR(1 g) = 8.58 mW/g; SAR(10 g) = 2.47 mW/g

Maximum value of SAR (measured) = 15.189 mW/g

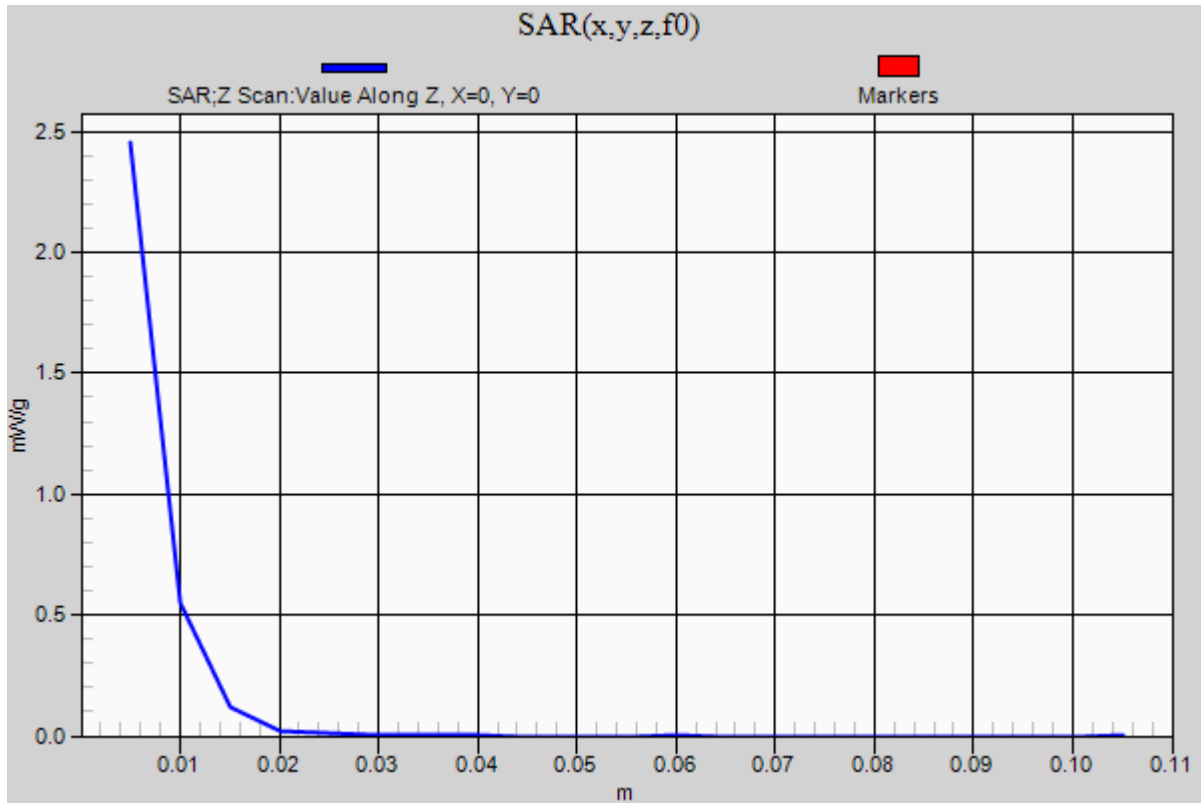


0 dB = 15.190mW/g = 23.63 dB mW/g

20120604_SystemPerformanceCheck-D5GHzV2 SN 1075

Frequency: 5200 MHz; Duty Cycle: 1:1

Head/5.2 GHz, Pin=100mW/Z Scan (1x1x21): Measurement grid: dx=20mm, dy=20mm, dz=5mm
Maximum value of SAR (measured) = 2.453 mW/g



20120604_SystemPerformanceCheck-D5GHzV2 SN 1075

Frequency: 5500 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 25.0°C; Liquid Temperature: 24.0°C

Medium parameters used: $f = 5500$ MHz; $\sigma = 5.093$ mho/m; $\epsilon_r = 35.5$; $\rho = 1000$ kg/m³

DASY5 Configuration:

- Electronics: DAE4 Sn1259; Calibrated: 2/13/2012
- Probe: EX3DV4 - SN3686; ConvF(4.26, 4.26, 4.26); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: SAM; Type: QD000P40CD; Serial: 1629

Head/5.5 GHz, Pin=100mW/Area Scan (7x7x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 15.600 mW/g

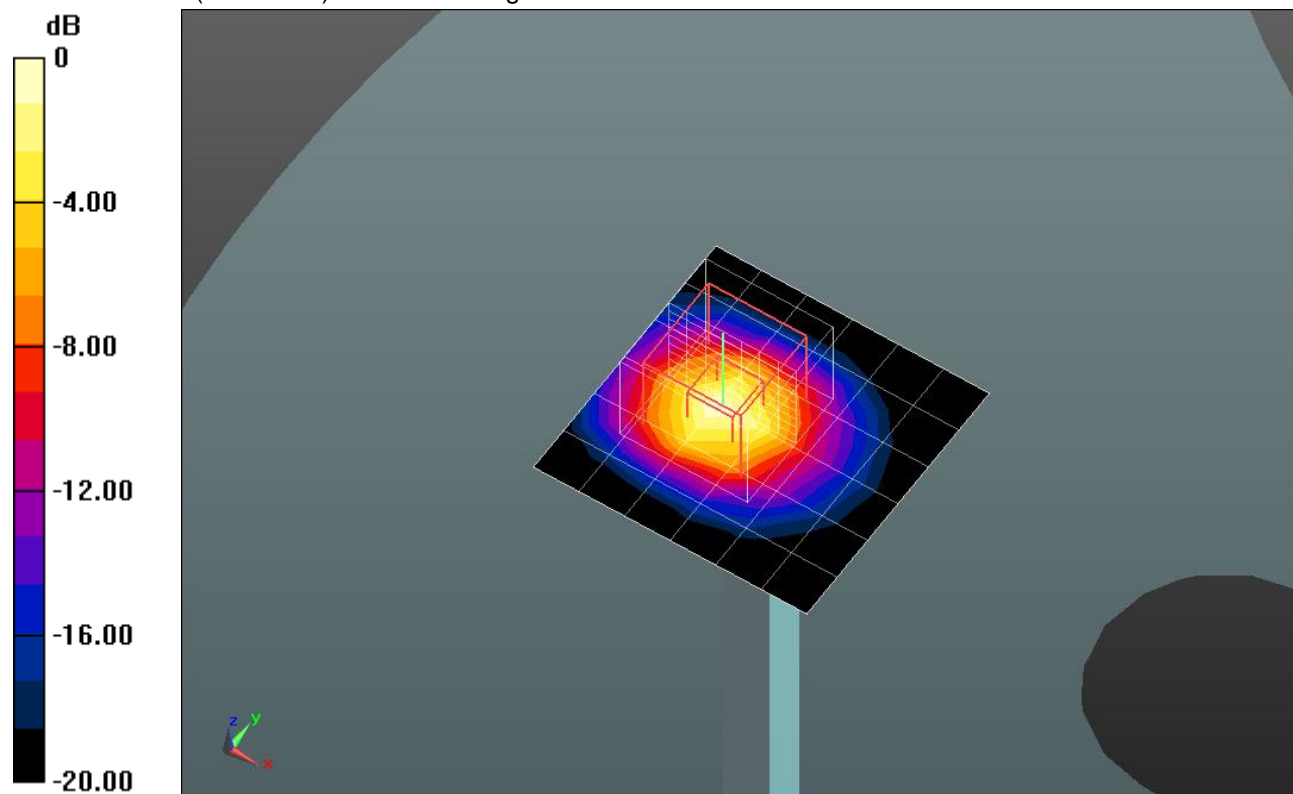
Head/5.5 GHz, Pin=100mW/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 42.414 V/m; Power Drift = -0.19 dB

Peak SAR (extrapolated) = 34.9930

SAR(1 g) = 8.73 mW/g; SAR(10 g) = 2.52 mW/g

Maximum value of SAR (measured) = 15.117 mW/g



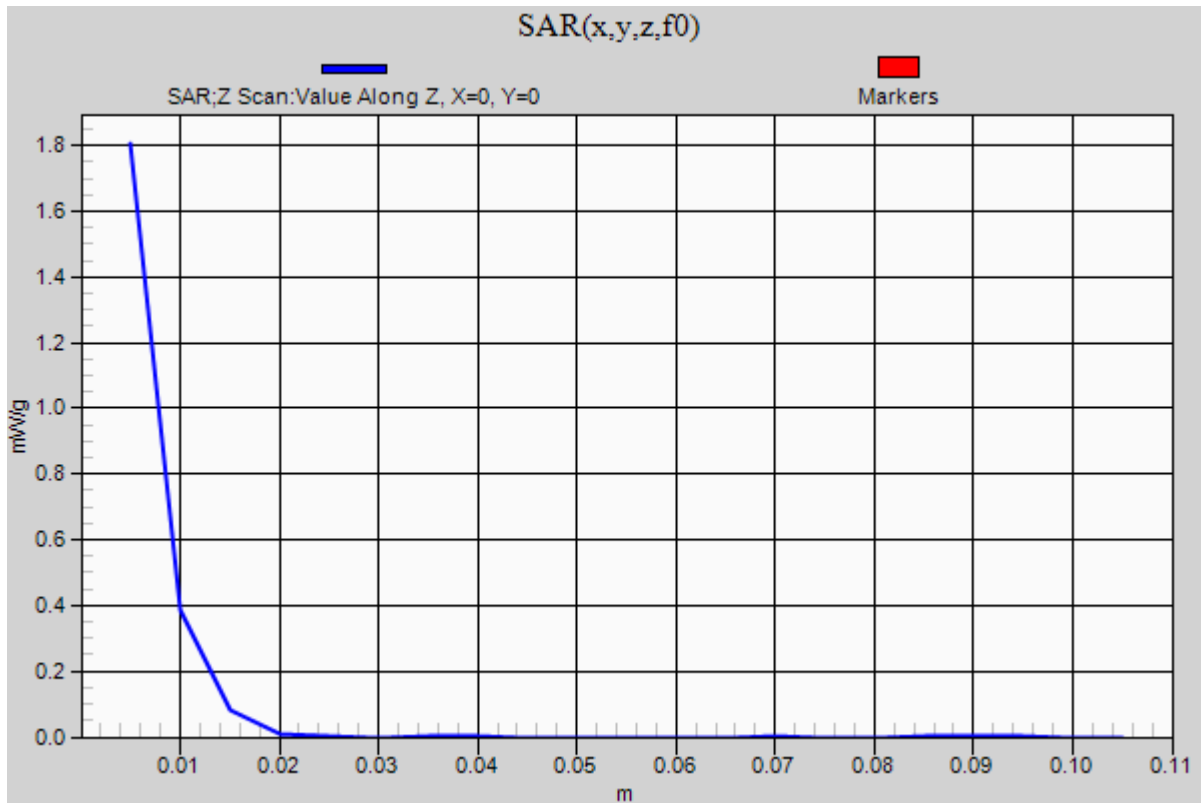
0 dB = 15.120mW/g = 23.59 dB mW/g

20120604_SystemPerformanceCheck-D5GHzV2 SN 1075

Frequency: 5500 MHz; Duty Cycle: 1:1

Head/5.5 GHz, Pin=100mW/Z Scan (1x1x21): Measurement grid: dx=20mm, dy=20mm, dz=5mm

Maximum value of SAR (measured) = 1.805 mW/g



20120604_SystemPerformanceCheck-D5GHzV2 SN 1075

Frequency: 5800 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 25.0°C; Liquid Temperature: 24.0°C
Medium parameters used: $f = 5800$ MHz; $\sigma = 5.385$ mho/m; $\epsilon_r = 35.051$; $\rho = 1000$ kg/m³

DASY5 Configuration:

- Electronics: DAE4 Sn1259; Calibrated: 2/13/2012
- Probe: EX3DV4 - SN3686; ConvF(4.14, 4.14, 4.14); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: SAM; Type: QD000P40CD; Serial: 1629

Head/5.8 GHz, Pin=100mW/Area Scan (7x7x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 11.078 mW/g

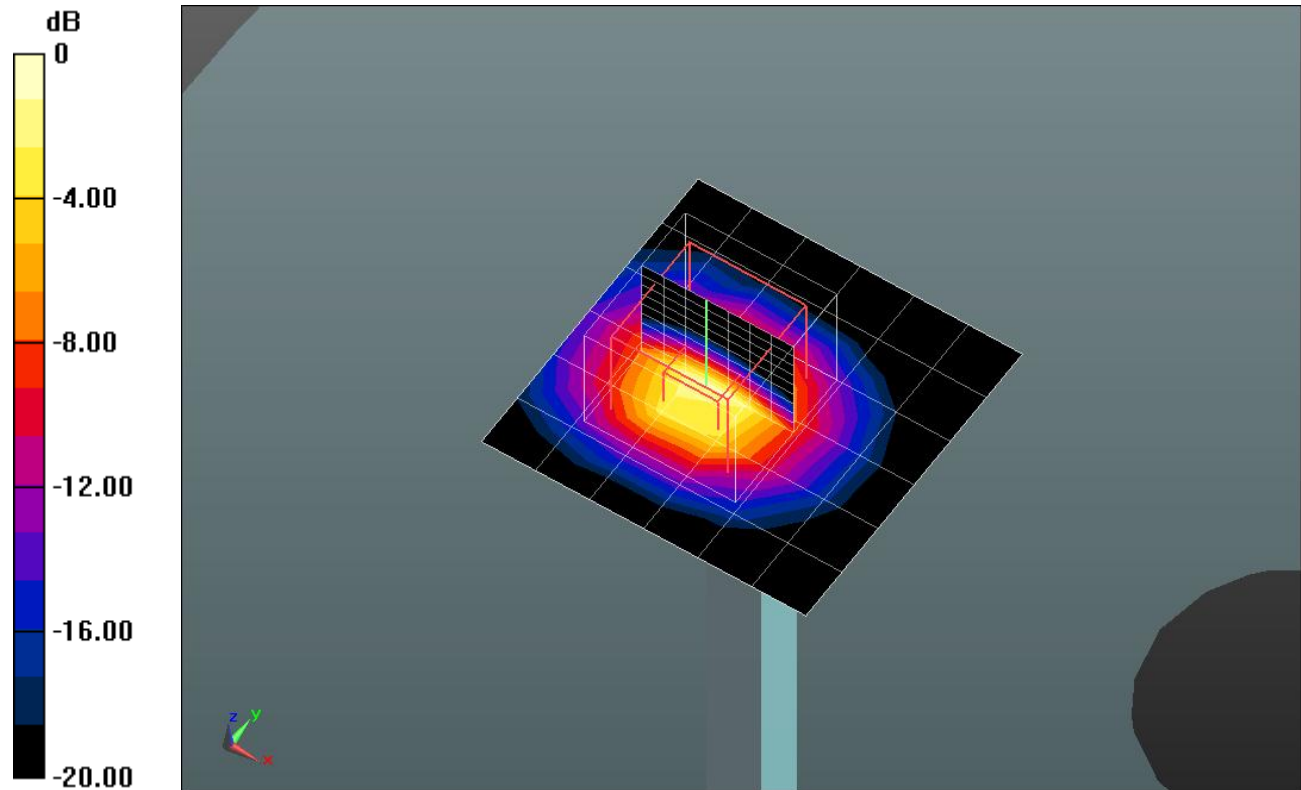
Head/5.8 GHz, Pin=100mW/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 43.530 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 34.6790

SAR(1 g) = 8.44 mW/g; SAR(10 g) = 2.38 mW/g

Maximum value of SAR (measured) = 15.227 mW/g



0 dB = 15.230mW/g = 23.65 dB mW/g

20120604_SystemPerformanceCheck-D5GHzV2 SN 1075

Frequency: 5800 MHz; Duty Cycle: 1:1

Head/5.8 GHz, Pin=100mW/Z Scan (1x1x21): Measurement grid: dx=20mm, dy=20mm, dz=5mm
Maximum value of SAR (measured) = 2.016 mW/g

