

Test Laboratory: UL CCS SAR Lab C

SystemPerformanceCheck-D1750V2 SN 1050

Communication System: CW; Frequency: 1750 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 1750$ MHz; $\sigma = 1.441$ mho/m; $\epsilon_r = 52.919$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

Room Ambient Temperature: 24.0 deg. C; Liquid Temperature: 23.0 deg. C

DASY5 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3772; ConvF(7.15, 7.15, 7.15); Calibrated: 5/3/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1239; Calibrated: 10/18/2011
- Phantom: ELI v4.0 (B); Type: QDOVA001BB; Serial: 1121
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

Body/Pin=100 mW/Area Scan (61x61x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 5.078 mW/g

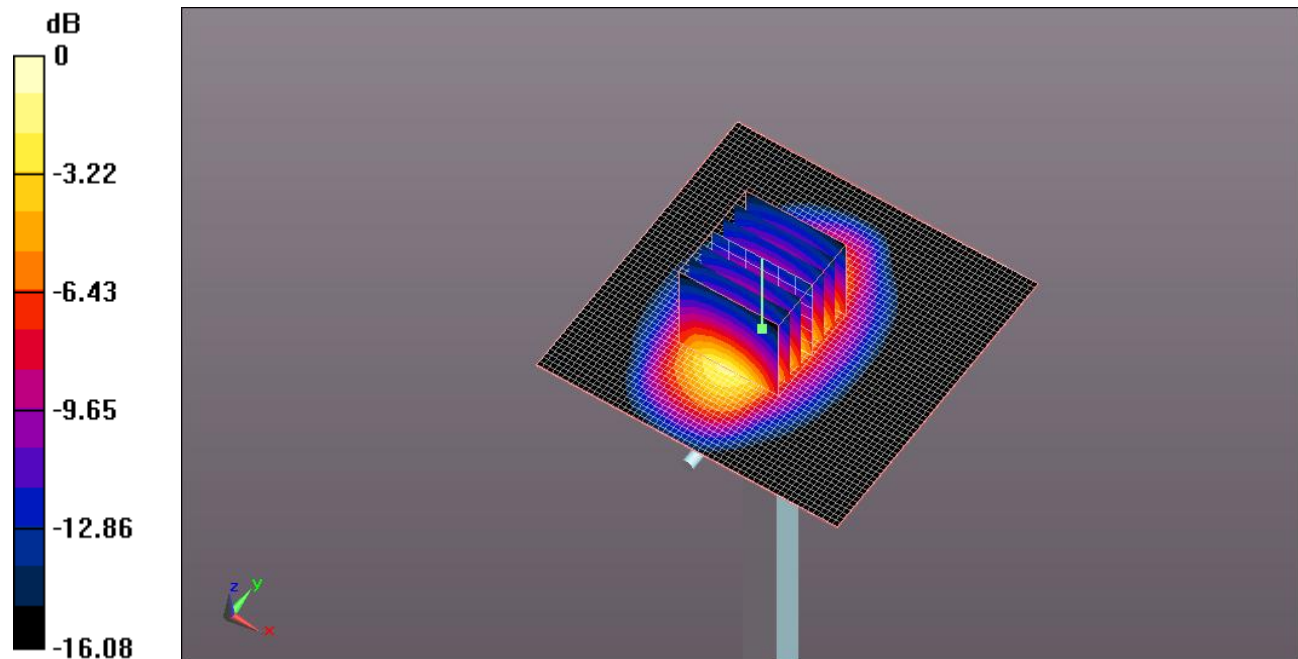
Body/Pin=100 mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 58.917 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 6.546 W/kg

SAR(1 g) = 3.68 mW/g; SAR(10 g) = 1.97 mW/g

Maximum value of SAR (measured) = 4.908 mW/g



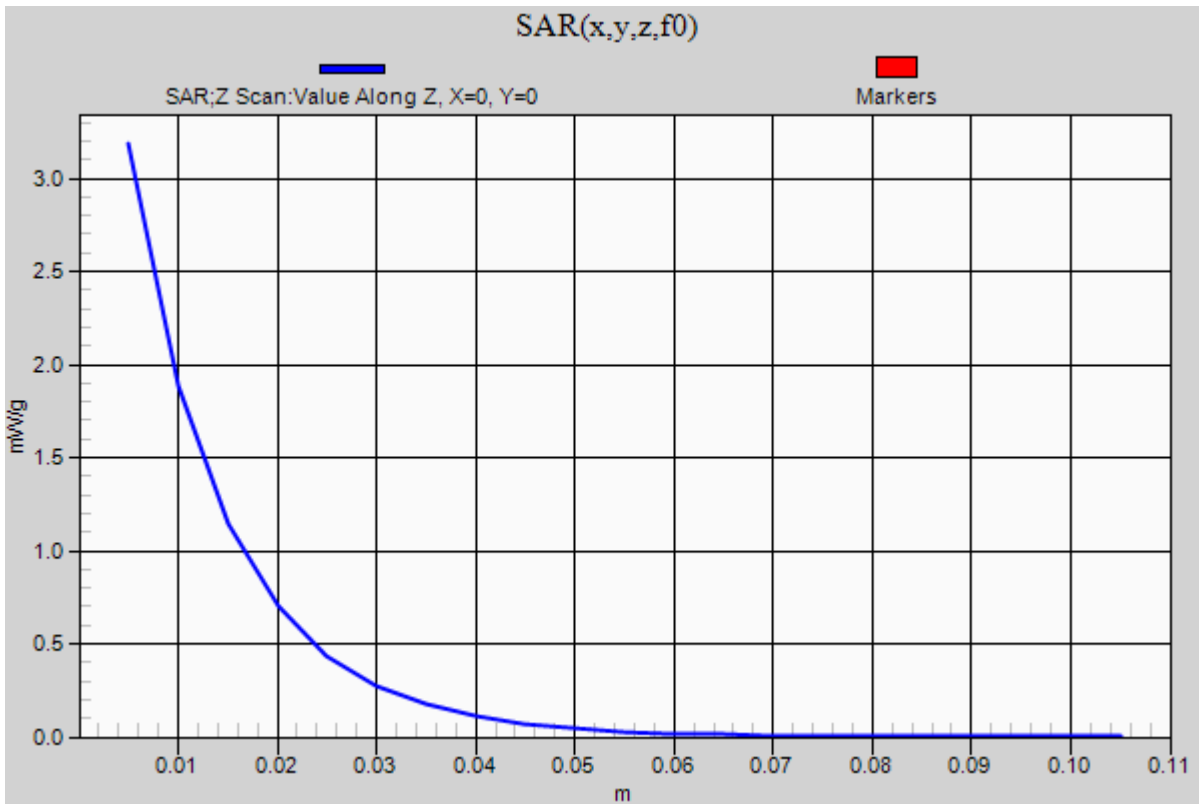
0 dB = 4.910mW/g

Test Laboratory: UL CCS SAR Lab C

SystemPerformanceCheck-D1750V2 SN 1050

Communication System: CW; Frequency: 1750 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) = 3.185 mW/g



Test Laboratory: UL CCS SAR Lab C

SystemPerformanceCheck-D750V3 SN 1024

Communication System: CW; Frequency: 750 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 750$ MHz; $\sigma = 0.932$ mho/m; $\epsilon_r = 53.543$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

Room Ambient Temperature: 24.0 deg. C; Liquid Temperature: 23.0 deg. C

DASY5 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3772; ConvF(8.67, 8.67, 8.67); Calibrated: 5/3/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1239; Calibrated: 10/18/2011
- Phantom: ELI v4.0 (B); Type: QDOVA001BB; Serial: 1121
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

Body/Pin=100 mW/Area Scan (61x61x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.996 mW/g

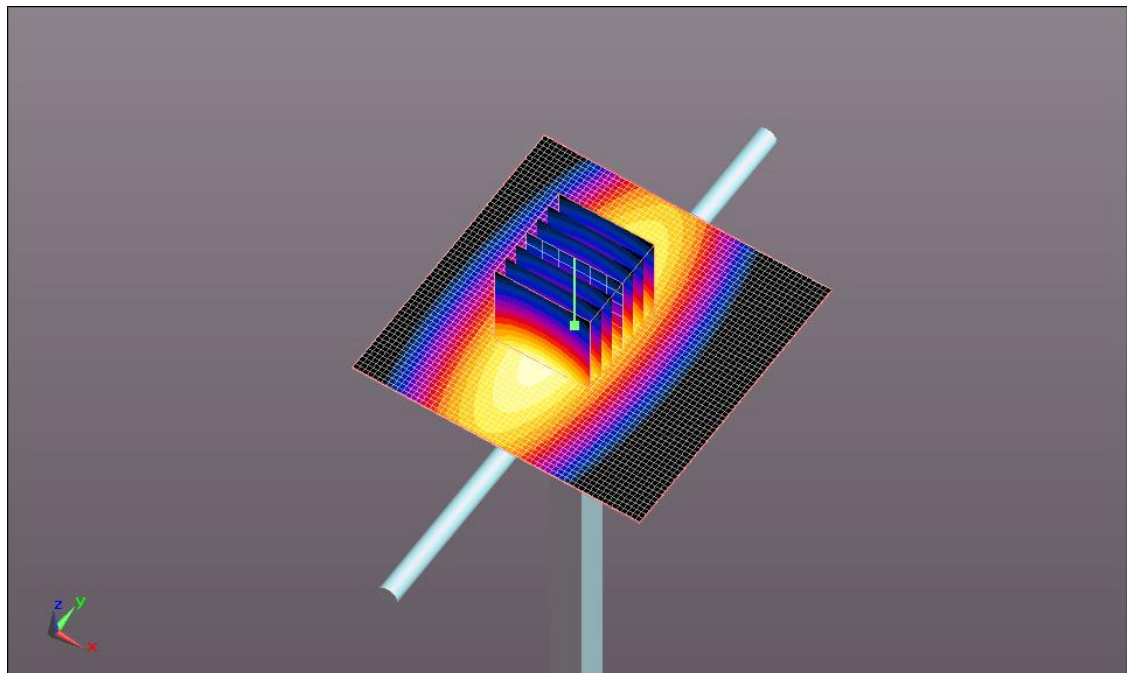
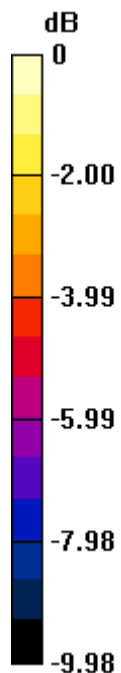
Body/Pin=100 mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 33.207 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 1.236 W/kg

SAR(1 g) = 0.834 mW/g; SAR(10 g) = 0.553 mW/g

Maximum value of SAR (measured) = 1.008 mW/g



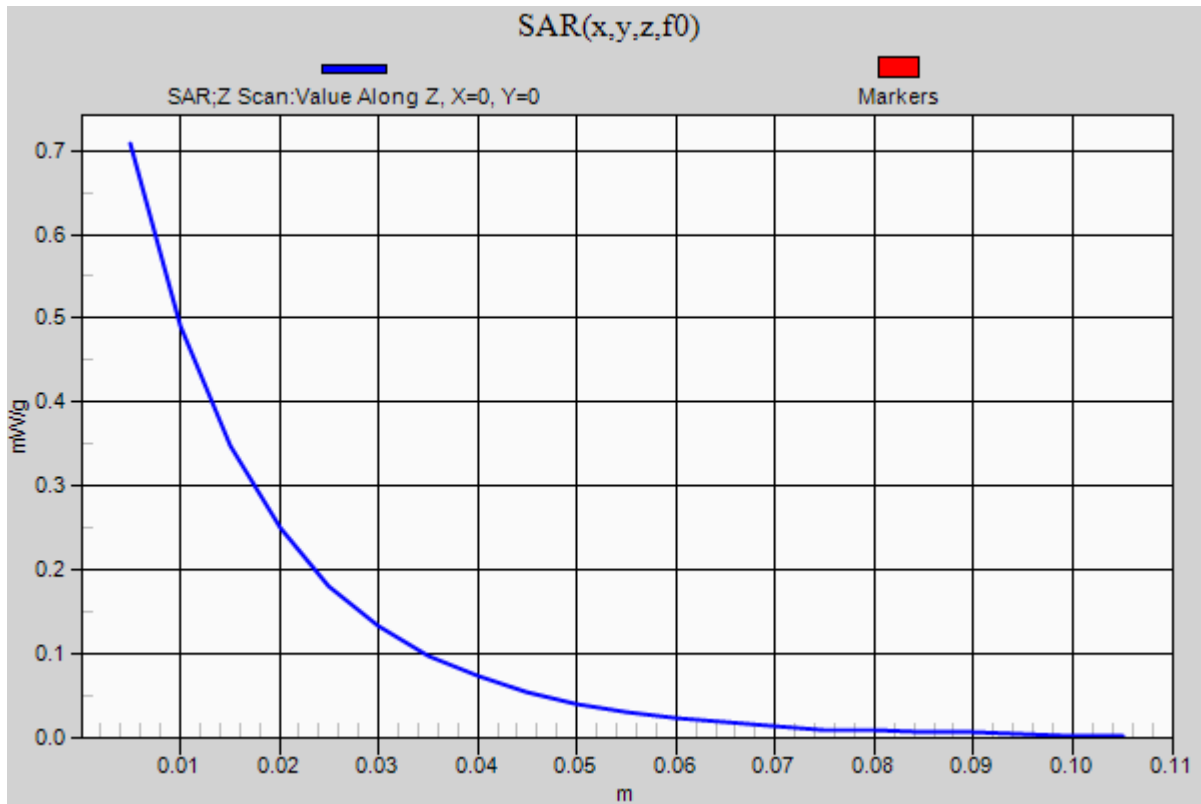
0 dB = 1.010mW/g

Test Laboratory: UL CCS SAR Lab C

SystemPerformanceCheck-D750V3 SN 1024

Communication System: CW; 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) = 0.708 mW/g



Test Laboratory: UL CCS SAR Lab C

SystemPerformanceCheck-D835V2 SN 4d117

Communication System: CW; Frequency: 835 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 835$ MHz; $\sigma = 0.967$ mho/m; $\epsilon_r = 53.359$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

Room Ambient Temperature: 24.0 deg. C; Liquid Temperature: 23.0 deg. C

DASY5 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3772; ConvF(8.57, 8.57, 8.57); Calibrated: 5/3/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1239; Calibrated: 10/18/2011
- Phantom: ELI v4.0 (A); Type: QDOVA001BB; Serial: 1117
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

Body/Pin=100 mW/Area Scan (61x61x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.197 mW/g

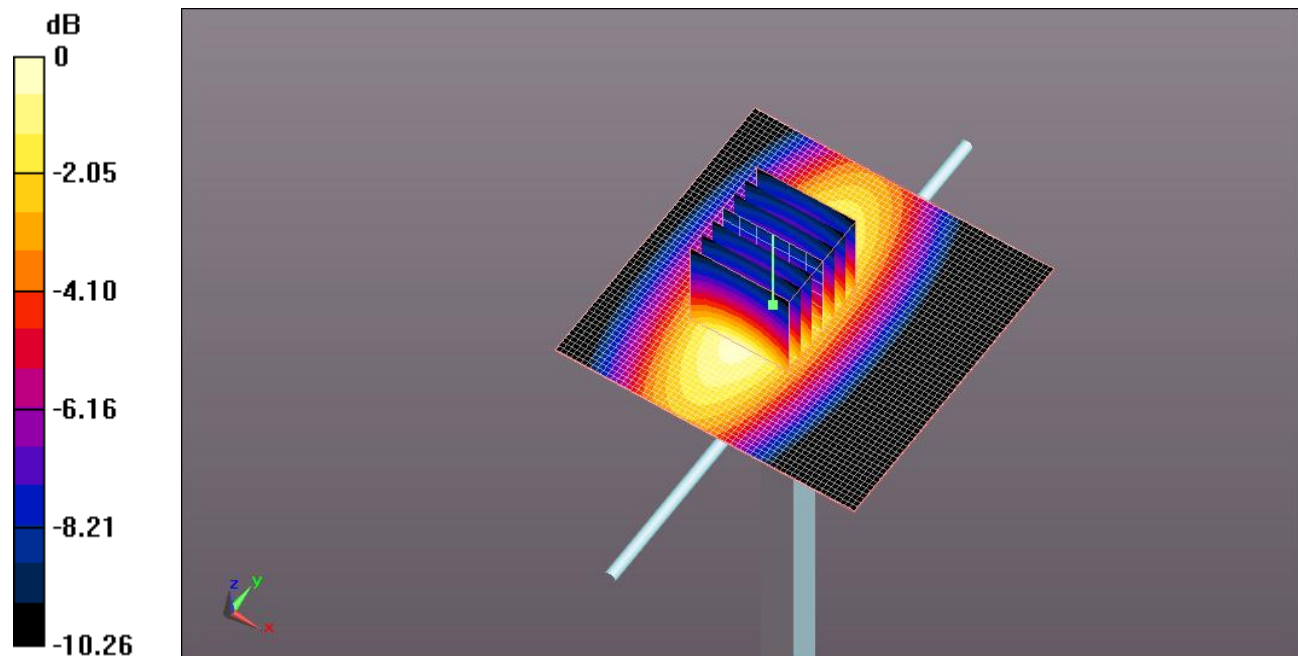
Body/Pin=100 mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 35.216 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 1.492 W/kg

SAR(1 g) = 0.994 mW/g; SAR(10 g) = 0.654 mW/g

Maximum value of SAR (measured) = 1.211 mW/g



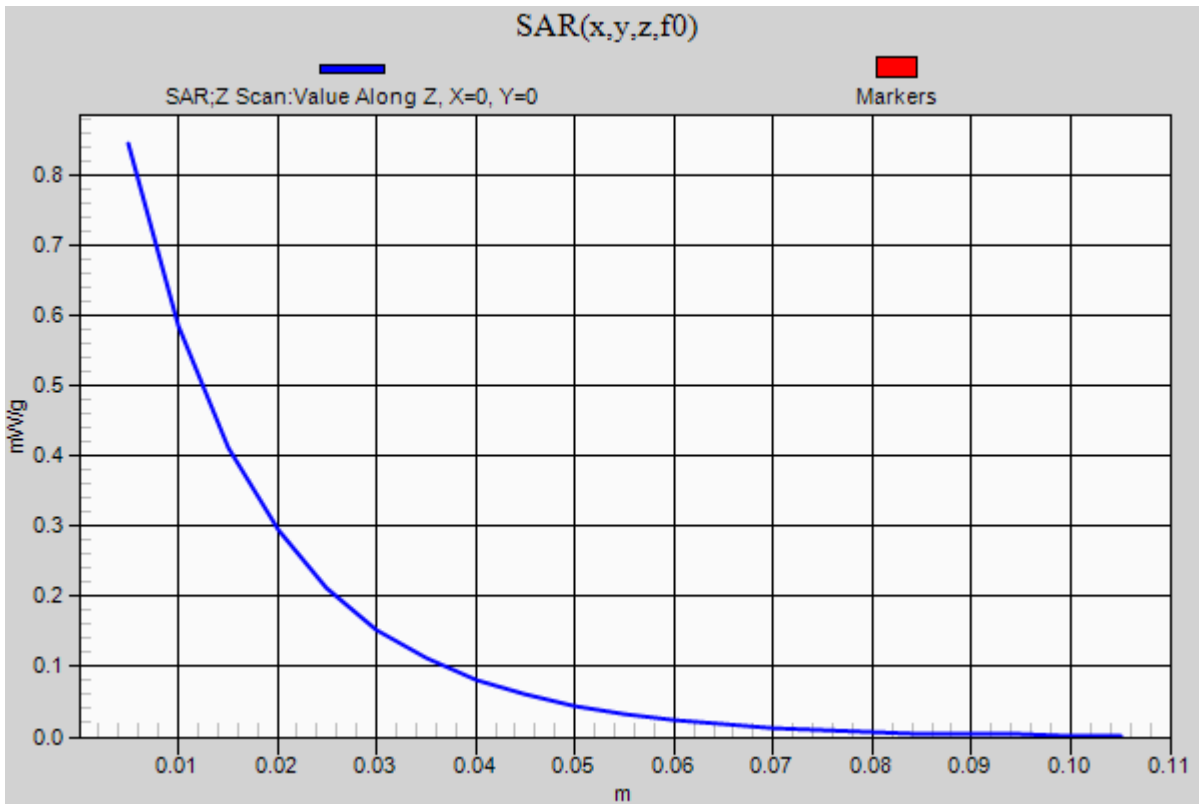
0 dB = 1.210mW/g

Test Laboratory: UL CCS SAR Lab C

SystemPerformanceCheck-D835V2 SN 4d117

Communication System: CW; 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) = 0.846 mW/g



Test Laboratory: UL CCS SAR Lab C

SystemPerformanceCheck-D1900V2 SN 5d140

Communication System: CW; Frequency: 1900 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 1900$ MHz; $\sigma = 1.512$ mho/m; $\epsilon_r = 51.941$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

Room Ambient Temperature: 24.0 deg. C; Liquid Temperature: 23.0 deg. C

DASY5 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3772; ConvF(6.76, 6.76, 6.76); Calibrated: 5/3/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1239; Calibrated: 10/18/2011
- Phantom: ELI v4.0 (B); Type: QDOVA001BB; Serial: 1121
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

Body/Pin=100 mW/Area Scan (61x61x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 5.857 mW/g

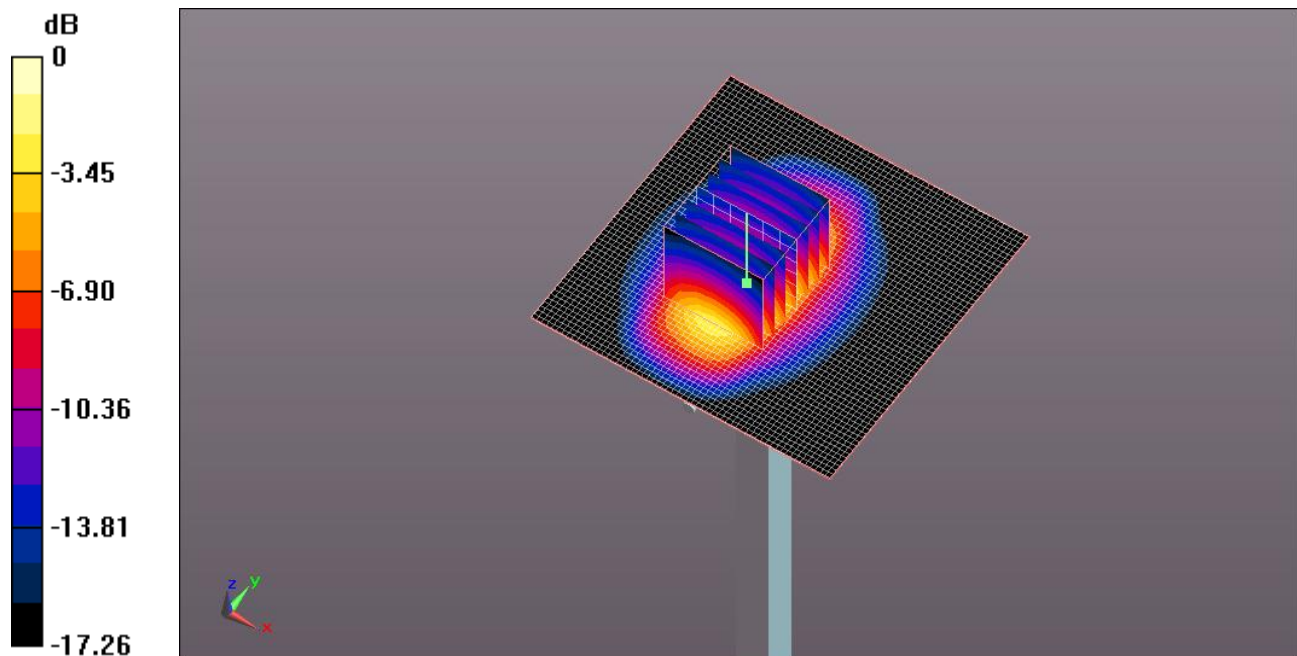
Body/Pin=100 mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 60.904 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 7.620 W/kg

SAR(1 g) = 4.2 mW/g; SAR(10 g) = 2.2 mW/g

Maximum value of SAR (measured) = 5.637 mW/g



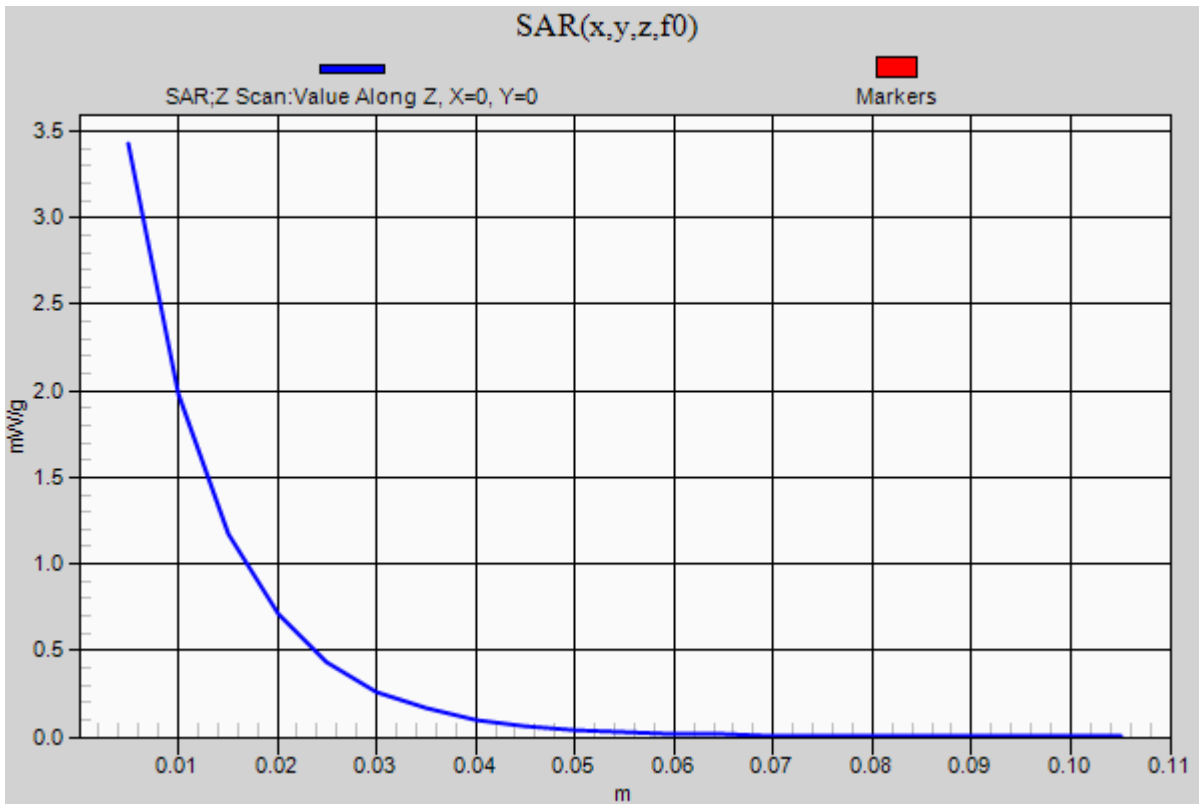
0 dB = 5.640mW/g

Test Laboratory: UL CCS SAR Lab C

SystemPerformanceCheck-D1900V2 SN 5d140

Communication System: CW; 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) = 3.427 mW/g



Test Laboratory: UL CCS SAR Lab B

SystemPerformanceCheck-D835V2 SN 4d117

Communication System: CW; Frequency: 835 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 835$ MHz; $\sigma = 1.002$ mho/m; $\epsilon_r = 56.454$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

Room Ambient Temperature: 24.0 deg. C; Liquid Temperature: 23.0 deg. C

DASY5 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3773; ConvF(8.67, 8.67, 8.67); Calibrated: 5/3/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1258; Calibrated: 5/2/2011
- Phantom: ELI v5.0 (A); Type: QDOVA001BB; Serial: 1117
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

Body/Pin=100 mW/Area Scan (61x61x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.284 mW/g

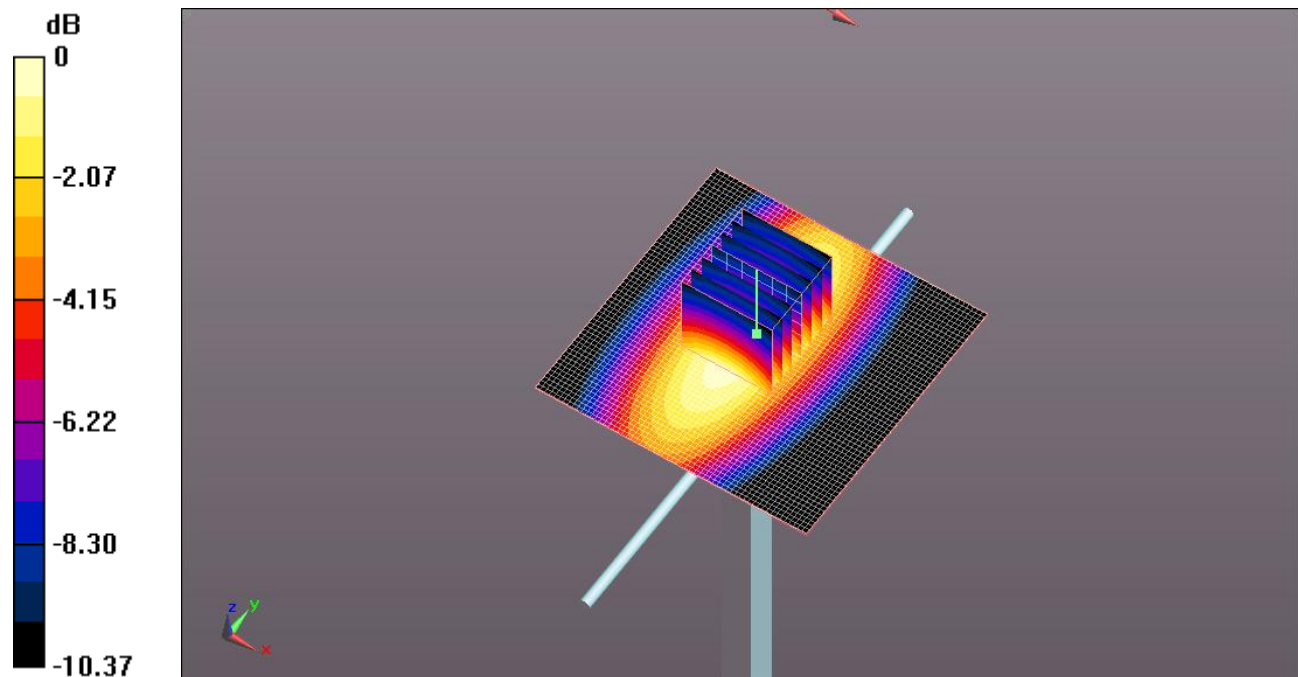
Body/Pin=100 mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 36.153 V/m; Power Drift = -0.0097 dB

Peak SAR (extrapolated) = 1.584 W/kg

SAR(1 g) = 1.06 mW/g; SAR(10 g) = 0.695 mW/g

Maximum value of SAR (measured) = 1.285 mW/g



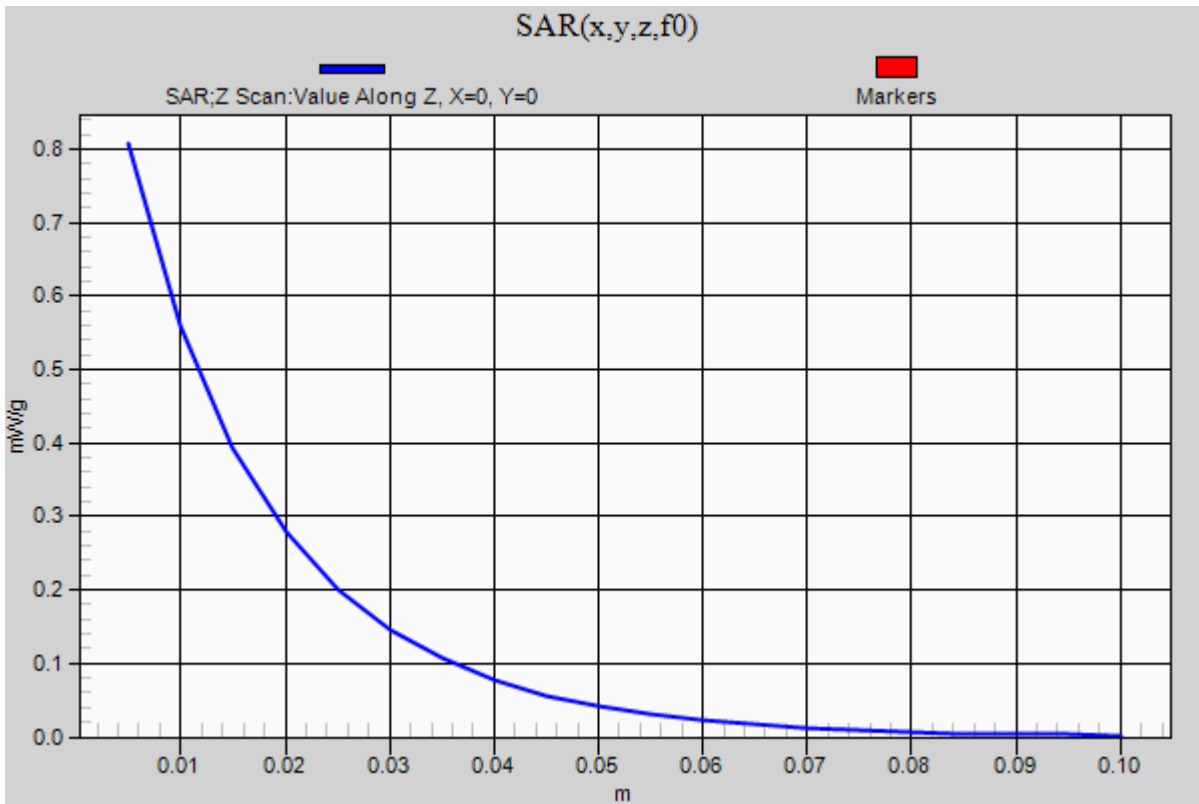
0 dB = 1.290mW/g

Test Laboratory: UL CCS SAR Lab B

SystemPerformanceCheck-D835V2 SN 4d117

Communication System: CW; 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) = 0.808 mW/g



Test Laboratory: UL CCS SAR Lab A

SystemPerformanceCheck-D1750V2 SN 1050

Communication System: CW; Frequency: 1750 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 1750$ MHz; $\sigma = 1.504$ mho/m; $\epsilon_r = 54.186$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

Room Ambient Temperature: 24.0 deg. C; Liquid Temperature: 23.0 deg. C

DASY5 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3772; ConvF(7.15, 7.15, 7.15); Calibrated: 5/3/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn500; Calibrated: 7/14/2011
- Phantom: ELI v4.0(B); Type: QDOVA001BB; Serial: 1099
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

Body/Pin=100 mW/Area Scan (61x61x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 5.272 mW/g

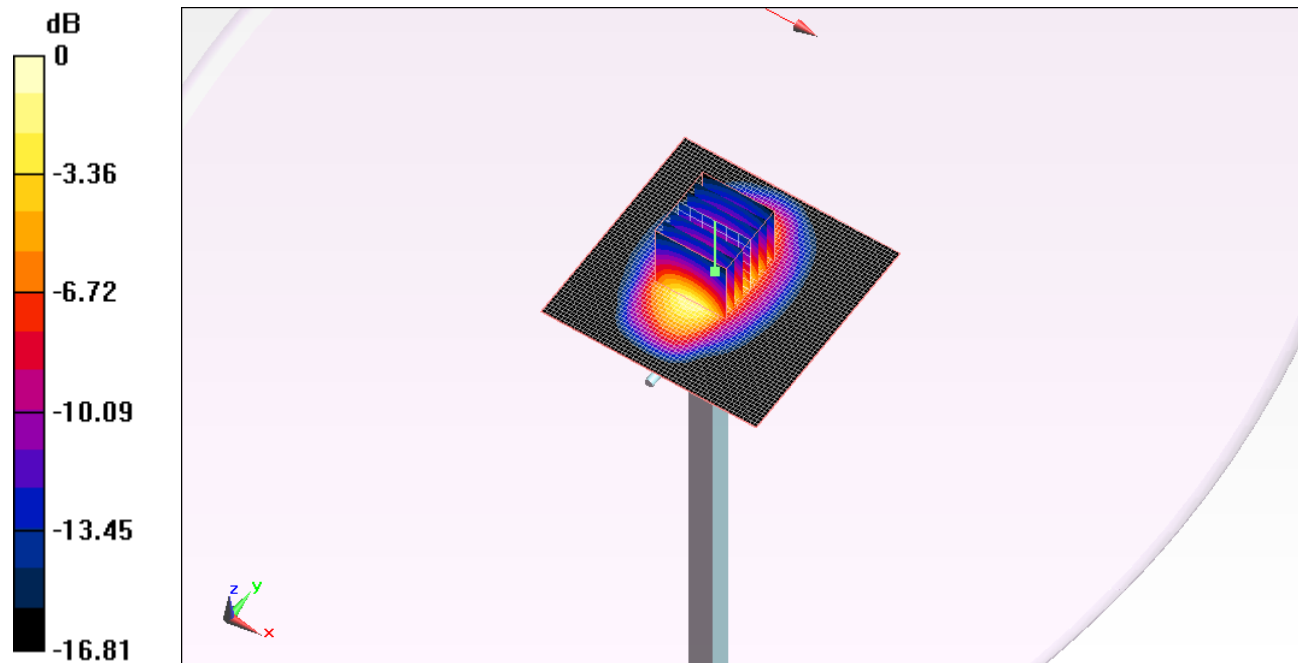
Body/Pin=100 mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 59.708 V/m; Power Drift = -0.0087 dB

Peak SAR (extrapolated) = 7.097 W/kg

SAR(1 g) = 3.92 mW/g; SAR(10 g) = 2.06 mW/g

Maximum value of SAR (measured) = 5.251 mW/g



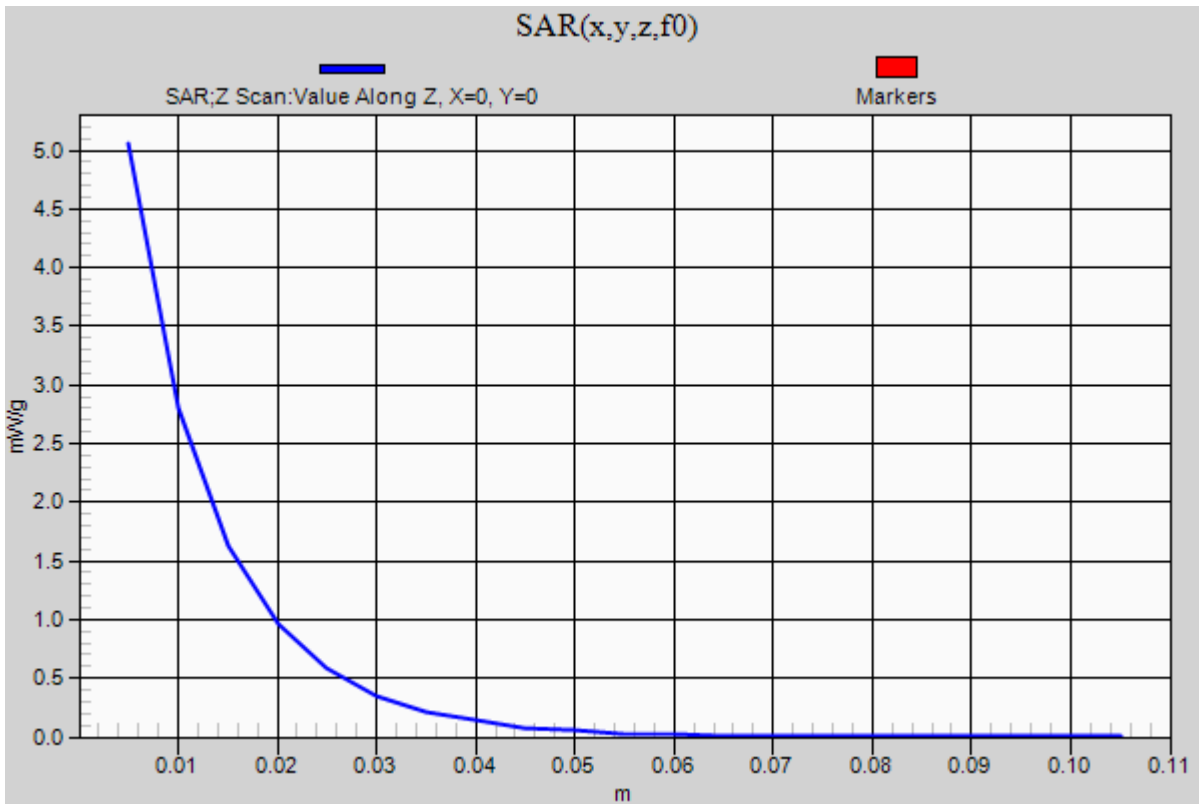
0 dB = 5.250mW/g

Test Laboratory: UL CCS SAR Lab A

SystemPerformanceCheck-D1750V2 SN 1050

Communication System: CW; Frequency: 1750 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) = 5.056 mW/g



Test Laboratory: UL CCS SAR Lab A

SystemPerformanceCheck-D750V3 SN 1024

Communication System: CW; Frequency: 750 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 750$ MHz; $\sigma = 0.998$ mho/m; $\epsilon_r = 53.584$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Room Ambient Temperature: 24.0 deg. C; Liquid Temperature: 23.0 deg. C

DASY5 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3772; ConvF(8.67, 8.67, 8.67); Calibrated: 5/3/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn500; Calibrated: 7/14/2011
- Phantom: ELI v4.0(A); Type: QDOVA001BB; Serial: 1119
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

Body/Pin=100 mW/Area Scan (61x61x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.072 mW/g

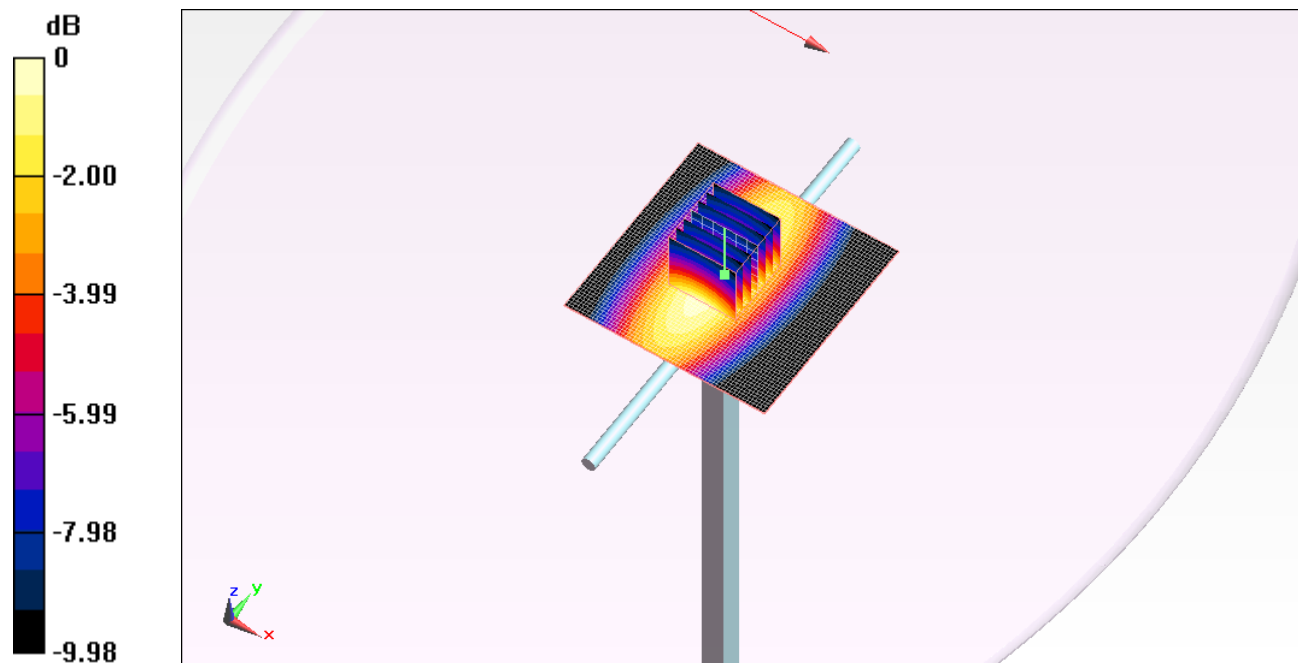
Body/Pin=100 mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 33.215 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 1.327 W/kg

SAR(1 g) = 0.891 mW/g; SAR(10 g) = 0.591 mW/g

Maximum value of SAR (measured) = 1.079 mW/g



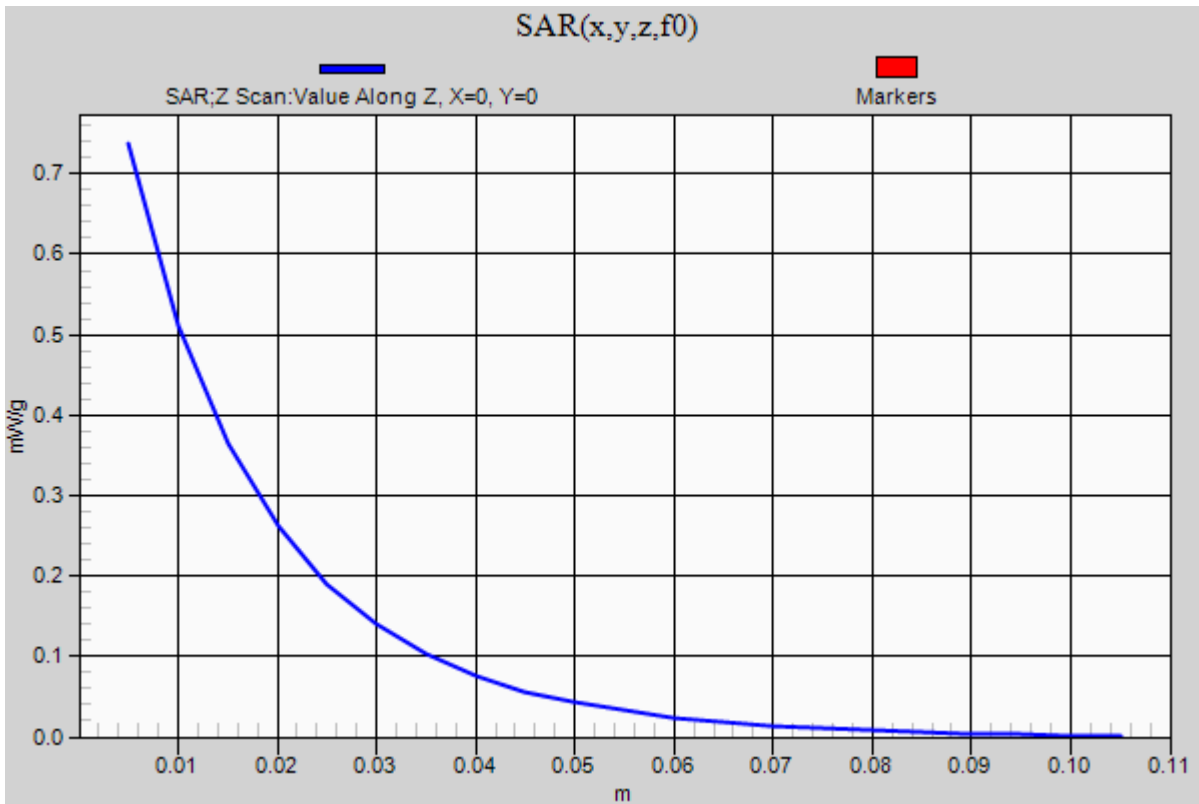
0 dB = 1.080mW/g

Test Laboratory: UL CCS SAR Lab A

SystemPerformanceCheck-D750V3 SN 1024

Communication System: CW; 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) = 0.737 mW/g



20120213_SystemPerformanceCheck-D1750V2 SN 1050

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

Medium parameters used: $f = 1750$ MHz; $\sigma = 1.484$ mho/m; $\epsilon_r = 52.049$; $\rho = 1000$ kg/m³

DASY5 Configuration:

- Electronics: DAE3 Sn500; Calibrated: 7/14/2011
- Probe: EX3DV4 - SN3773; ConvF(7.72, 7.72, 7.72); Calibrated: 5/3/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (B); Type: QDOVA001BB; Serial: 1099

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

Maximum value of SAR (measured) = 4.242 mW/g

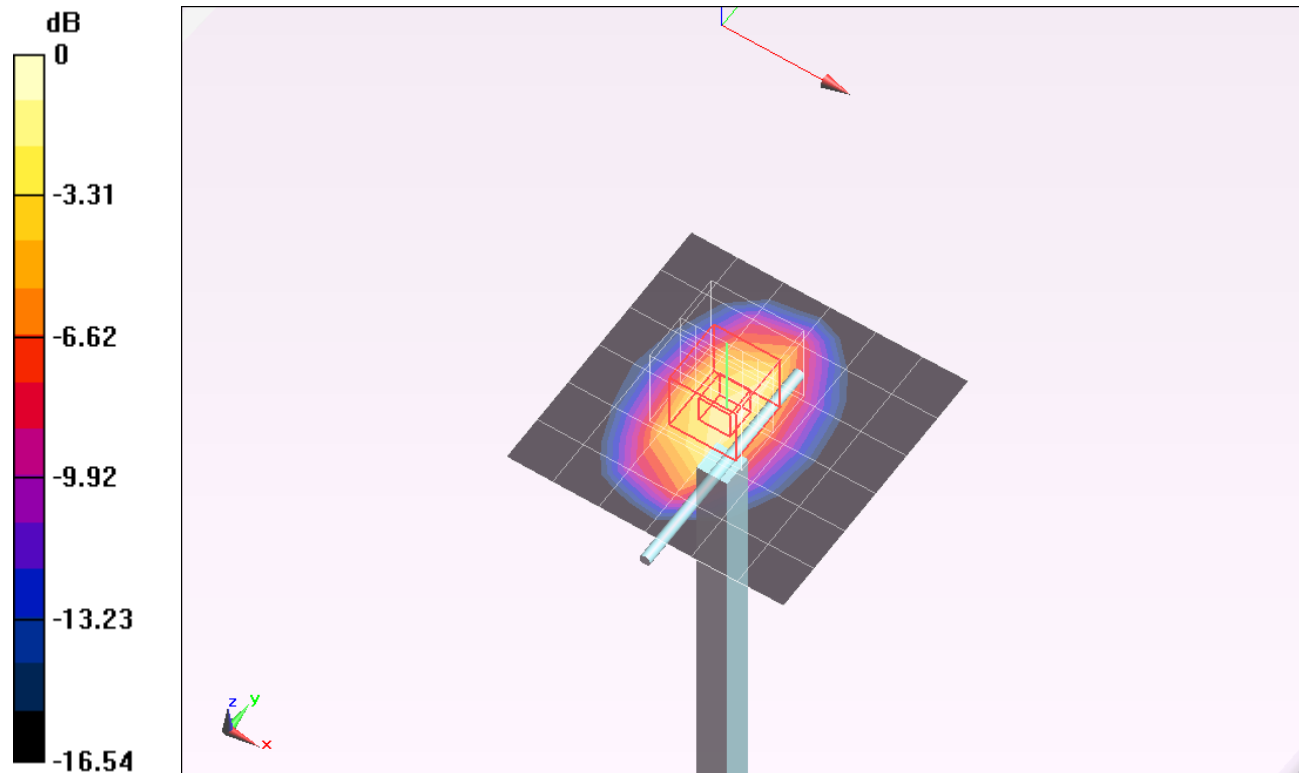
Body/Pin=100 mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 58.279 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 6.6720

SAR(1 g) = 3.7 mW/g; SAR(10 g) = 1.96 mW/g

Maximum value of SAR (measured) = 4.970 mW/g

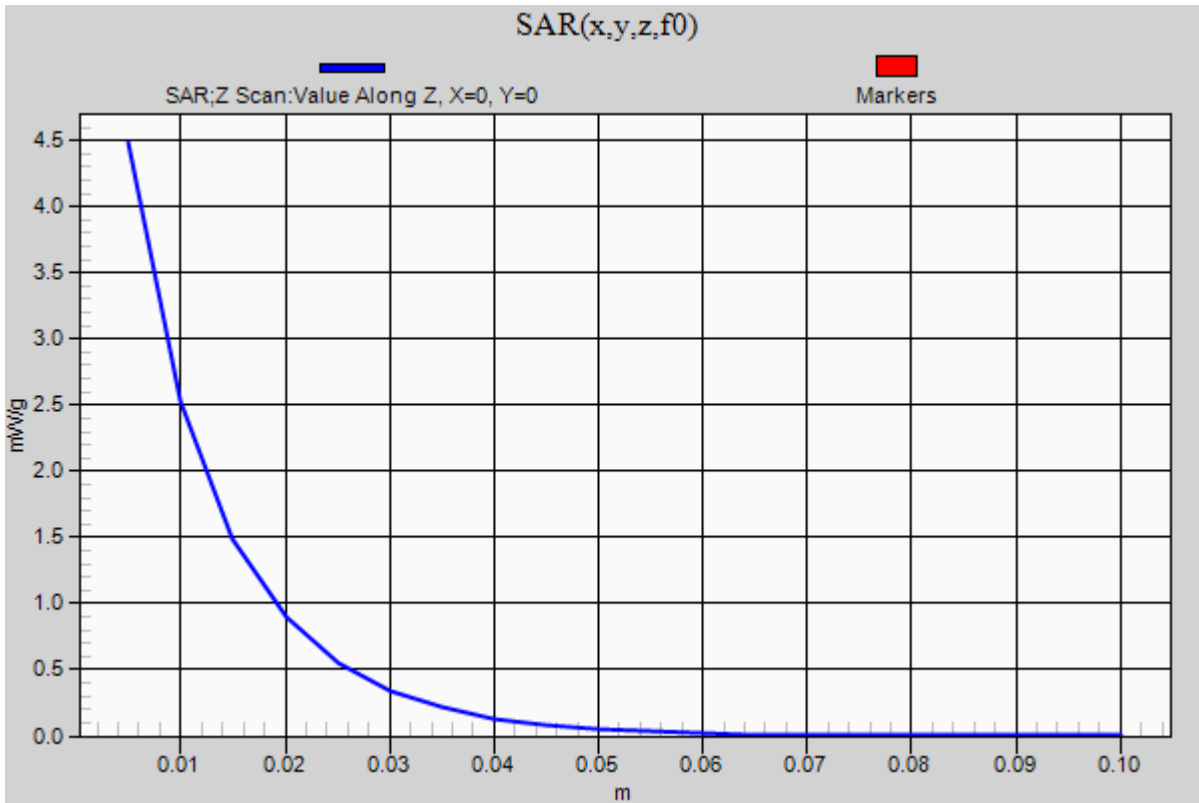


0 dB = 4.970mW/g = 13.93 dB mW/g

20120213_SystemPerformanceCheck-D1750V2 SN 1050

Frequency: 1750 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) = 4.482 mW/g



20120214_SystemPerformanceCheck-D750V3 SN 1024

Frequency: 750 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C

Medium parameters used: $f = 750 \text{ MHz}$; $\sigma = 1.002 \text{ mho/m}$; $\epsilon_r = 55.831$; $\rho = 1000 \text{ kg/m}^3$

DASY5 Configuration:

- Electronics: DAE3 Sn500; Calibrated: 7/14/2011
- Probe: EX3DV4 - SN3773; ConvF(8.74, 8.74, 8.74); Calibrated: 5/3/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (A); Type: QDOVA001BB; Serial: 1119

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

Maximum value of SAR (measured) = 0.948 mW/g

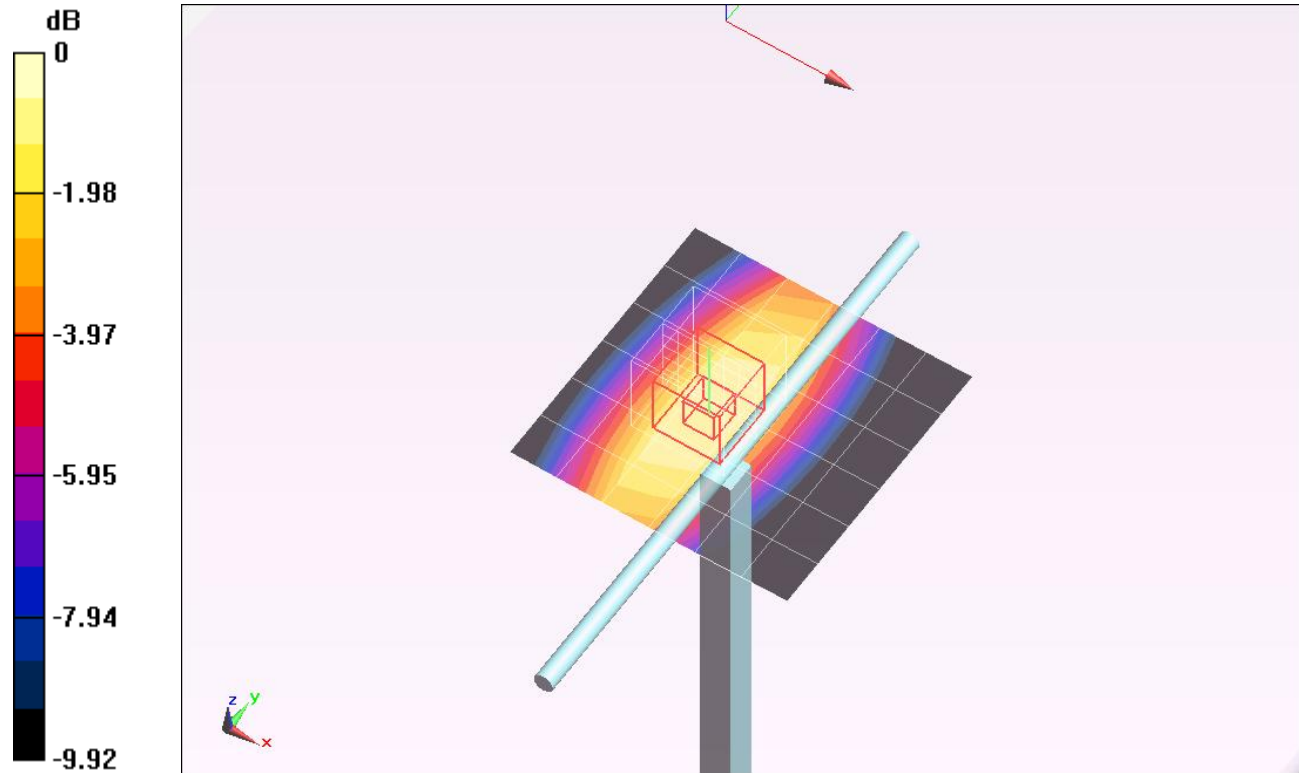
Body/Pin=100 mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 33.316 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 1.3720

SAR(1 g) = 0.921 mW/g; SAR(10 g) = 0.611 mW/g

Maximum value of SAR (measured) = 1.118 mW/g



0 dB = 1.120mW/g = 0.98 dB mW/g

20120214_SystemPerformanceCheck-D750V3 SN 1024

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) = 0.756 mW/g

