

Test Laboratory: UL CCS

System Check_D1900V2_SN 5d043

DUT: Dipole D1900V2; Type: D1900V2; Serial: 5d043

Communication System: CW; Frequency: 1900 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 1900$ MHz; $\sigma = 1.519$ mho/m; $\epsilon_r = 52.349$; $\rho = 1000$ 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 - SN3686; ConvF(6.99, 6.99, 6.99); Calibrated: 1/24/2011
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1239; Calibrated: 11/17/2010
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1099
- Measurement SW: DASY52, Version 52.6 (1); SEMCAD X Version 14.4.2 (2595)

D1900V2/Pin=100 mW/Area Scan (5x6x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 4.864 mW/g

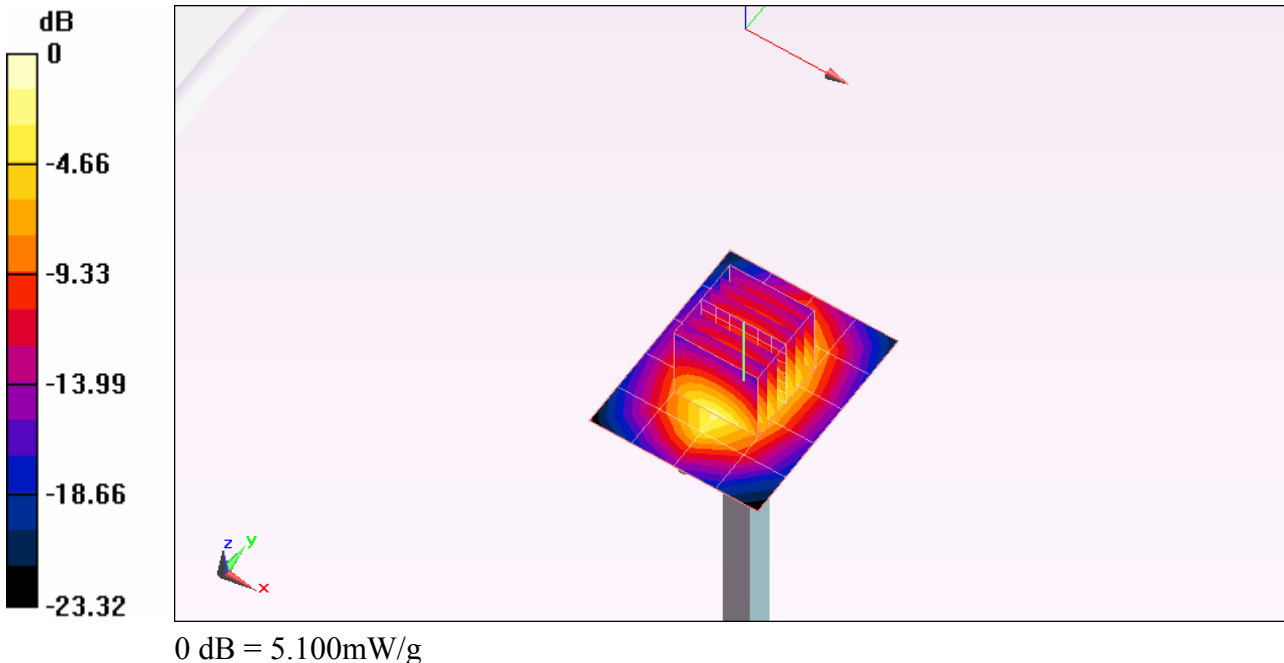
D1900V2/Pin=100 mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 60.284 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 7.311 W/kg

SAR(1 g) = 4.03 mW/g; SAR(10 g) = 2.12 mW/g

Maximum value of SAR (measured) = 5.101 mW/g



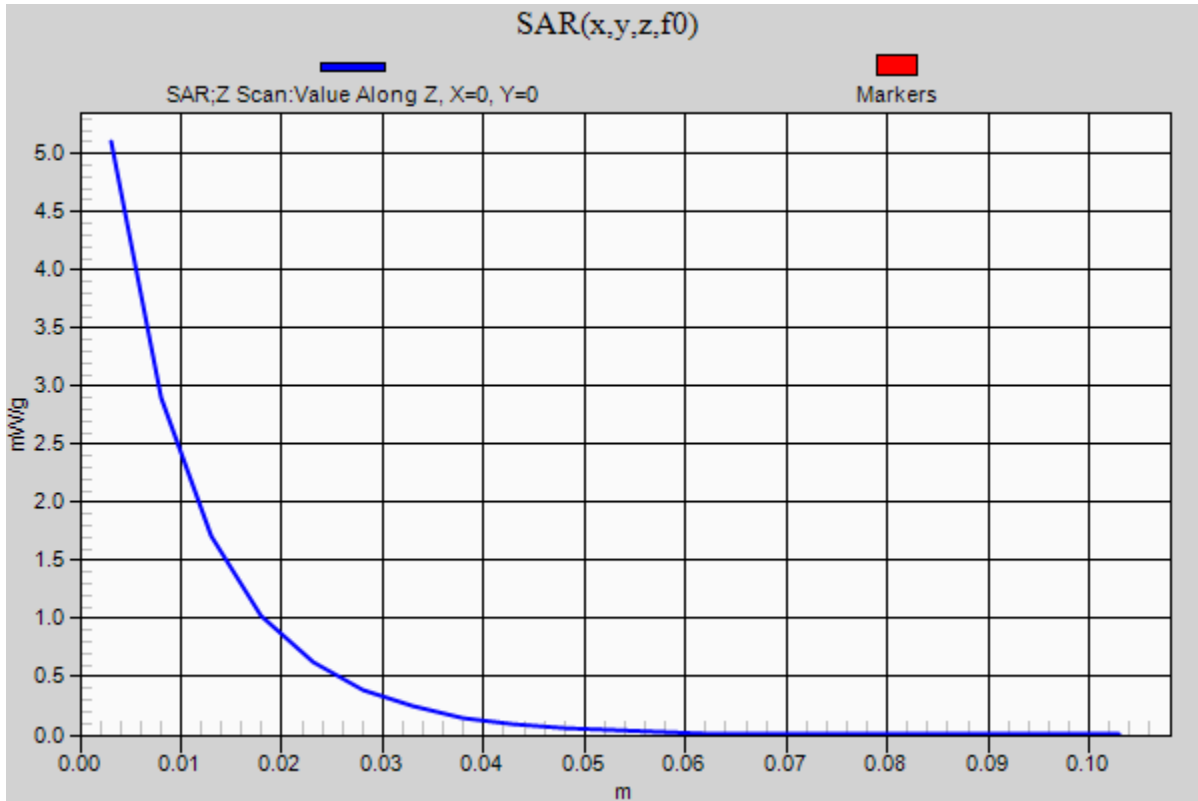
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System Check_D1900V2_SN 5d043

DUT: Dipole D1900V2; Type: D1900V2; Serial: 5d043

Communication System: CW; Frequency: 1900 MHz; Duty Cycle: 1:1

D1900V2/Pin=100 mW/Z Scan (1x1x21): Measurement grid: dx=20mm, dy=20mm, dz=5mm
Maximum value of SAR (measured) = 5.102 mW/g



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System Check_D1900V2_SN 5d043

DUT: Dipole D1900V2; Type: D1900V2; Serial: 5d043

Communication System: CW; Frequency: 1900 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 1900$ MHz; $\sigma = 1.506$ mho/m; $\epsilon_r = 52.618$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

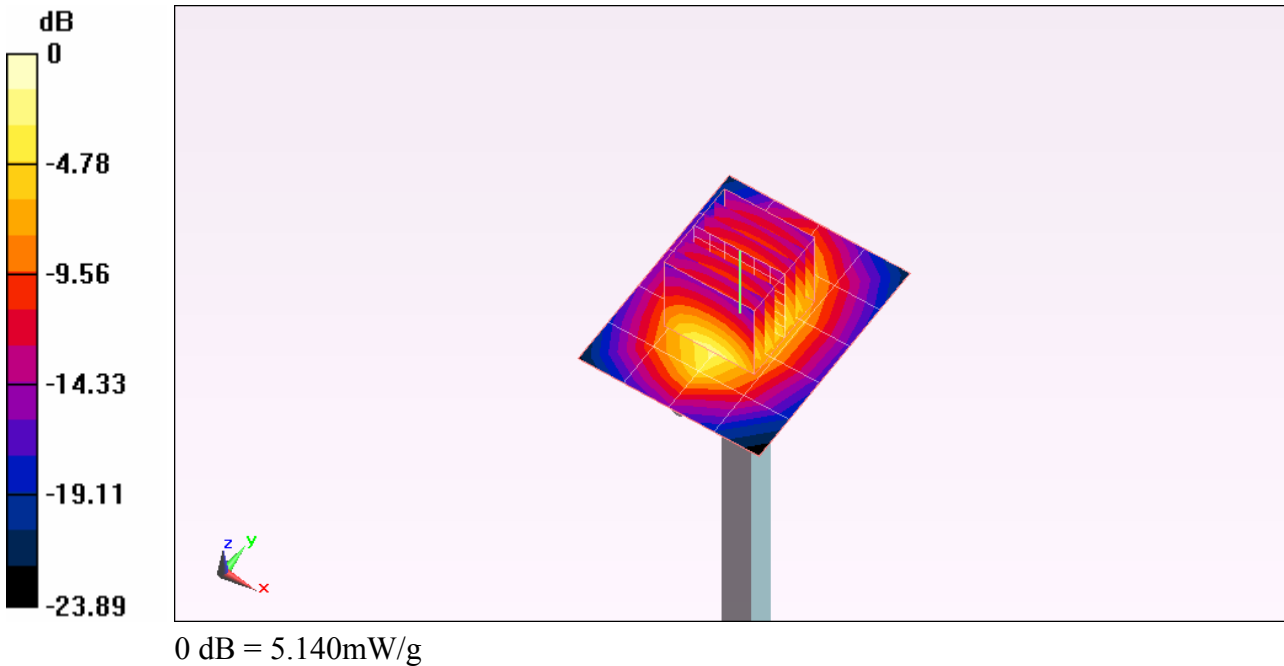
Room Ambient Temperature: 24.0 deg. C; Liquid Temperature: 23.0 deg. C

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 - SN3686; ConvF(6.99, 6.99, 6.99); Calibrated: 1/24/2011
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1239; Calibrated: 11/17/2010
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1099
- Measurement SW: DASY52, Version 52.6 (1); SEMCAD X Version 14.4.2 (2595)

D1900V2/Pin=100 mW/Area Scan (5x6x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 4.758 mW/g

D1900V2/Pin=100 mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 60.284 V/m; Power Drift = -0.00098 dB
Peak SAR (extrapolated) = 7.331 W/kg
SAR(1 g) = 4.06 mW/g; SAR(10 g) = 2.14 mW/g
Maximum value of SAR (measured) = 5.138 mW/g



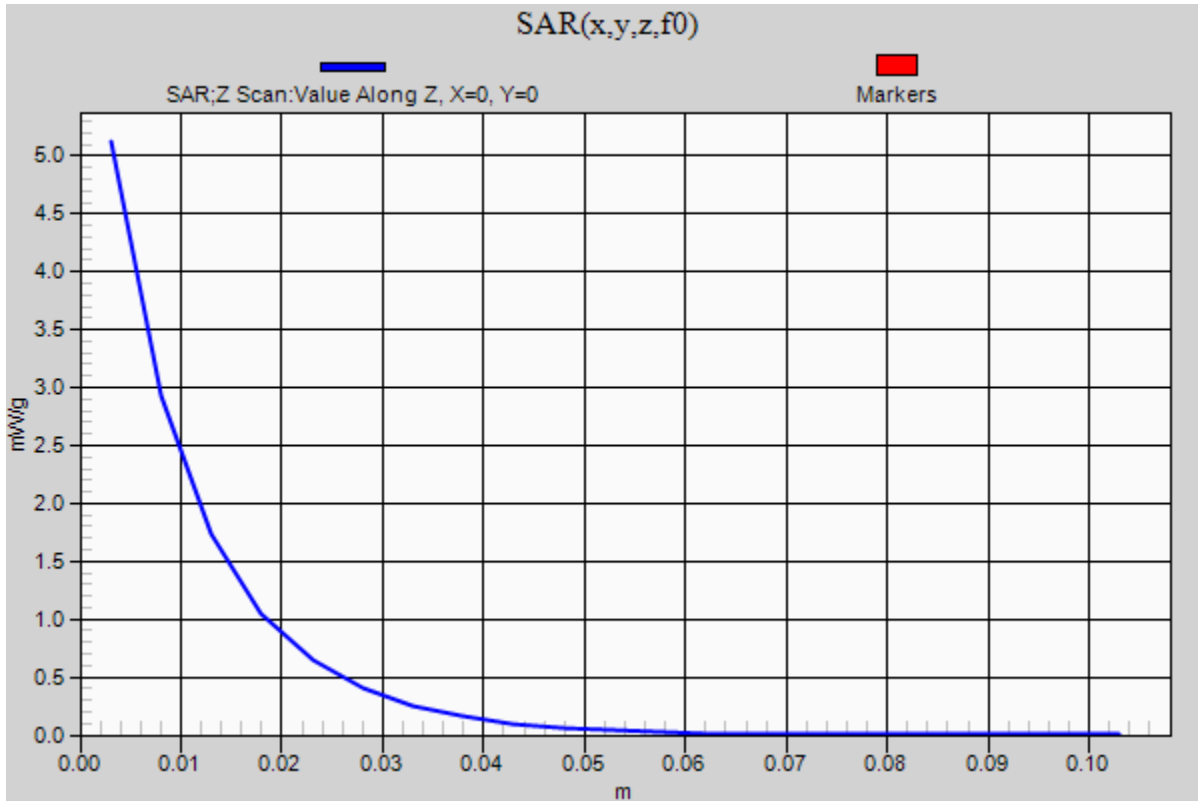
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System Check_D1900V2_SN 5d043

DUT: Dipole D1900V2; Type: D1900V2; Serial: 5d043

Communication System: CW; Frequency: 1900 MHz; Duty Cycle: 1:1

D1900V2/Pin=100 mW/Z Scan (1x1x21): Measurement grid: dx=20mm, dy=20mm, dz=5mm
Maximum value of SAR (measured) = 5.123 mW/g



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System Check_D1800V2_SN 294

DUT: Dipole 1800 MHz D1800V2; Type: D1800V2; Serial: D1800V2 - SN:xxx

Communication System: CW; Frequency: 1800 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 1800$ MHz; $\sigma = 1.616$ mho/m; $\epsilon_r = 55.144$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

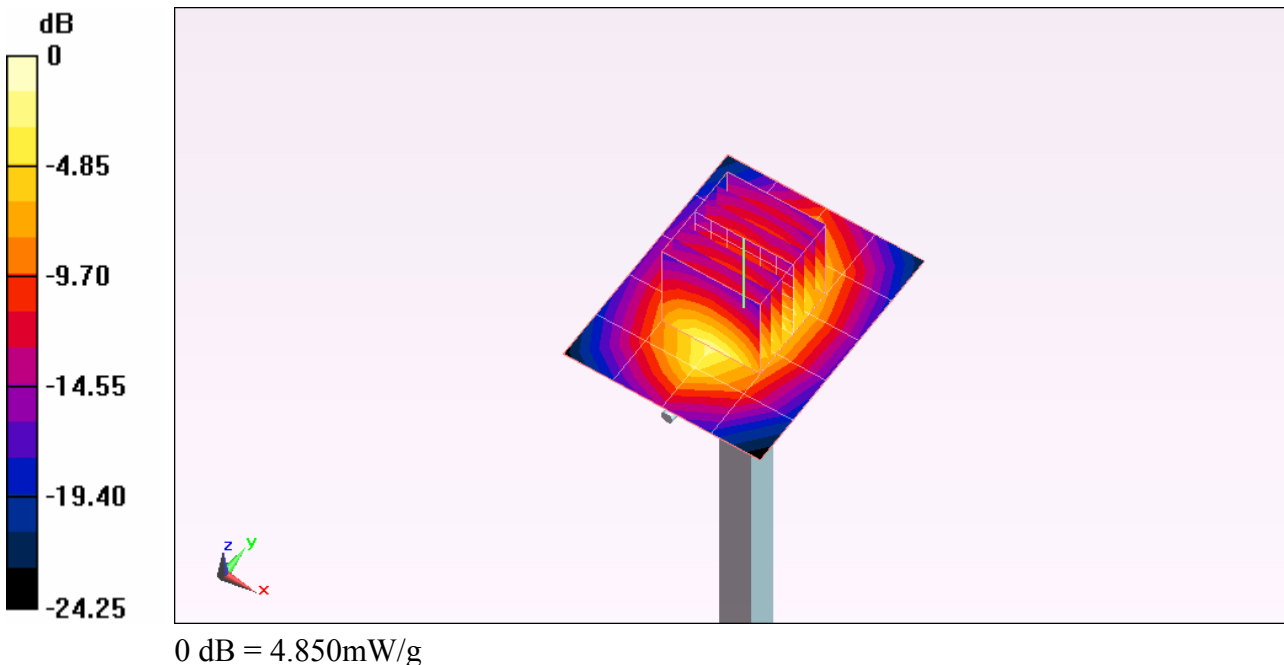
Room Ambient Temperature: 24.0 deg. C; Liquid Temperature: 23.0 deg. C

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 - SN3686; ConvF(7.28, 7.28, 7.28); Calibrated: 1/24/2011
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1239; Calibrated: 11/17/2010
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1099
- Measurement SW: DASY52, Version 52.6 (1); SEMCAD X Version 14.4.2 (2595)

D1800V2/Pin=100 mW/Area Scan (5x6x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 4.606 mW/g

D1800V2/Pin=100 mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 55.199 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 6.999 W/kg
SAR(1 g) = 3.82 mW/g; SAR(10 g) = 1.98 mW/g
Maximum value of SAR (measured) = 4.848 mW/g



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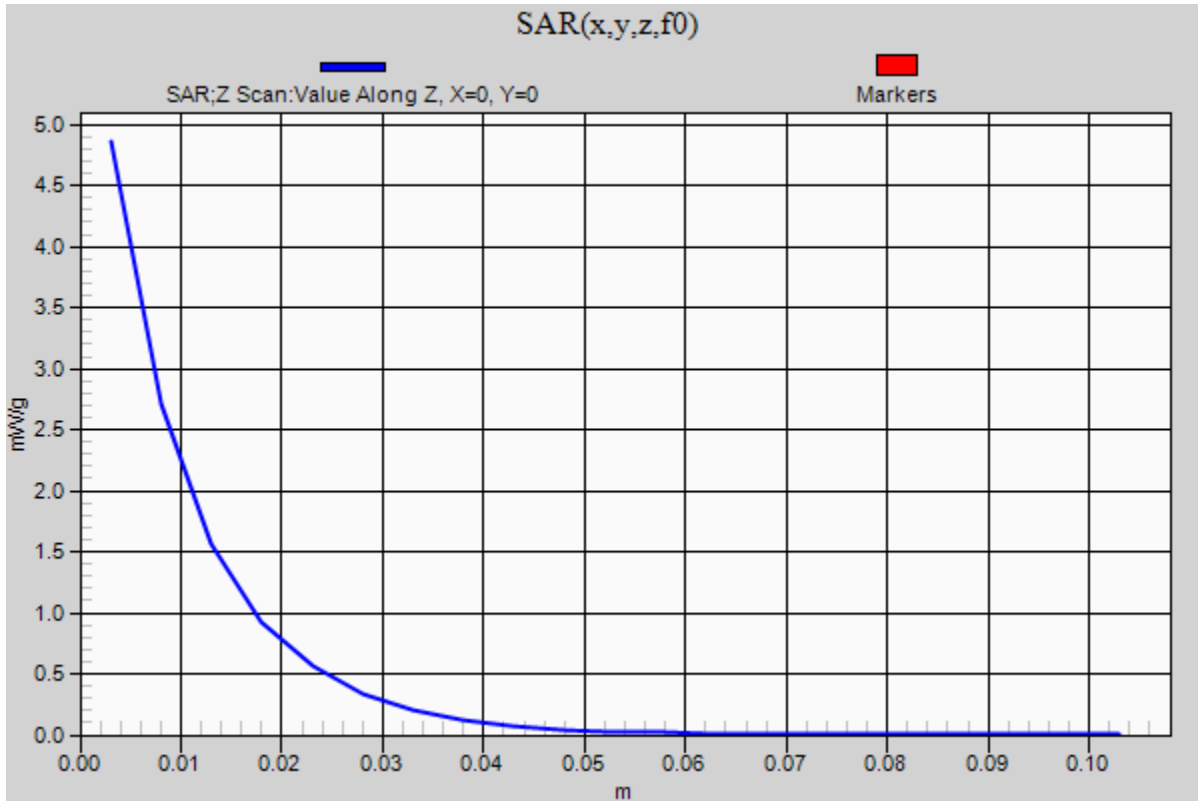
System Check_D1800V2_SN 294

DUT: Dipole 1800 MHz D1800V2; Type: D1800V2; Serial: D1800V2 - SN:xxx

Communication System: CW; Frequency: 1800 MHz;Duty Cycle: 1:1

D1800V2/Pin=100 mW/Z Scan (1x1x21): Measurement grid: dx=20mm, dy=20mm, dz=5mm

Maximum value of SAR (measured) = 4.859 mW/g



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System Check D835V2 SN 4d002

DUT: Dipole D835V2; Type: D835V2; Serial: 4d002

Communication System: CW; Frequency: 835 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 835$ MHz; $\sigma = 0.994$ mho/m; $\epsilon_r = 54.688$; $\rho = 1000$ 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 - SN3686; ConvF(8.78, 8.78, 8.78); Calibrated: 1/24/2011
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1239; Calibrated: 11/17/2010
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1099
- Measurement SW: DASY52, Version 52.6 (1); SEMCAD X Version 14.4.2 (2595)

D835V2/Pin=100 mW/Area Scan (6x7x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 1.090 mW/g

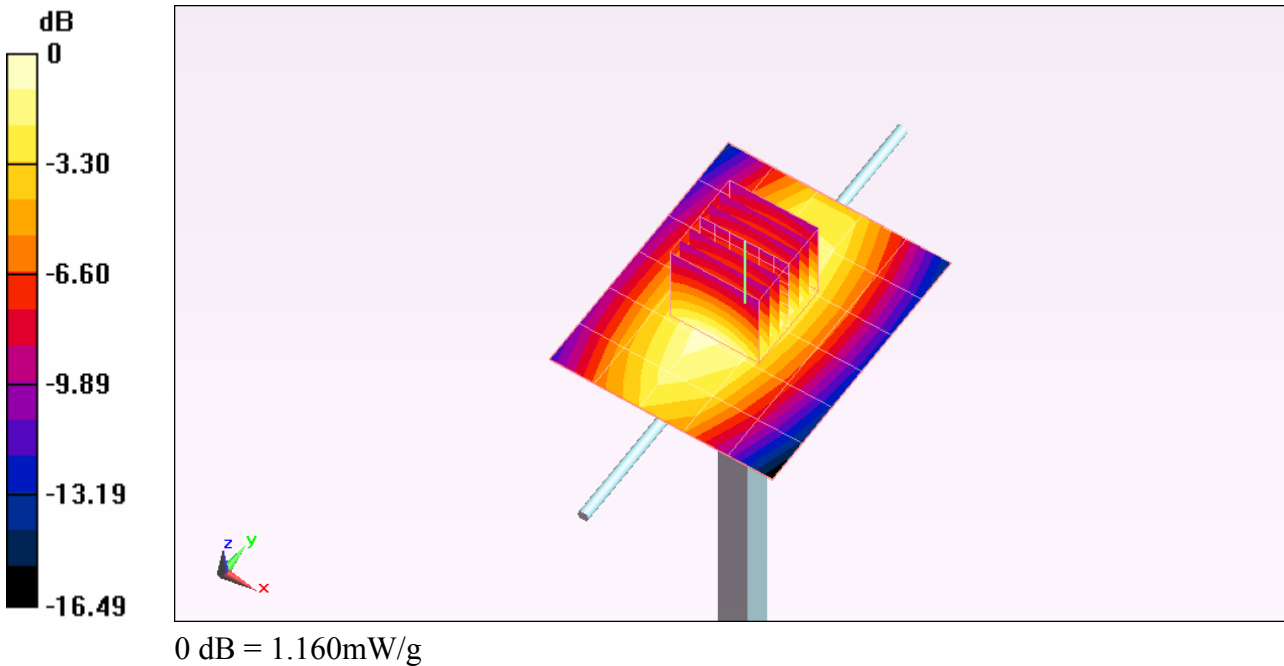
D835V2/Pin=100 mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 34.293 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 1.487 W/kg

SAR(1 g) = 0.991 mW/g; SAR(10 g) = 0.650 mW/g

Maximum value of SAR (measured) = 1.158 mW/g



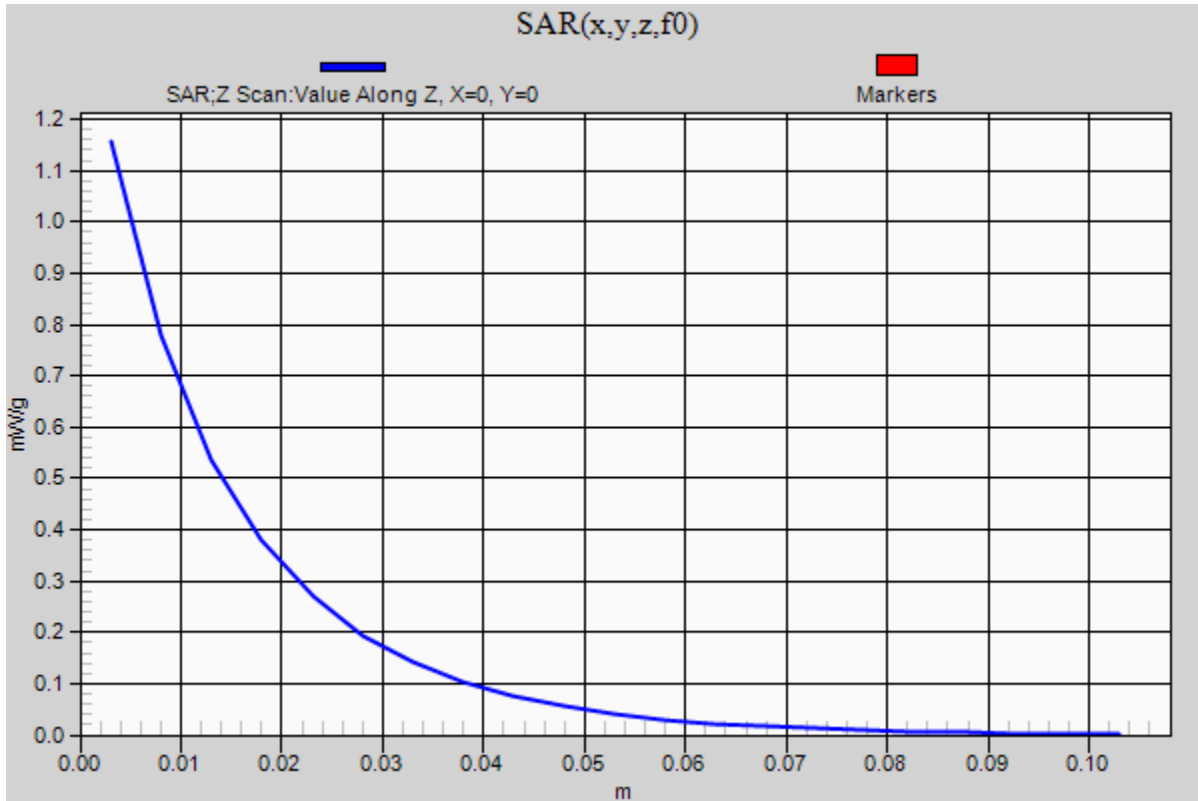
Test Laboratory: UL CCS

System Check D835V2 SN 4d002

DUT: Dipole D835V2; Type: D835V2; Serial: 4d002

Communication System: CW; Frequency: 835 MHz; Duty Cycle: 1:1

D835V2/Pin=100 mW/Z Scan (1x1x21): Measurement grid: dx=20mm, dy=20mm, dz=5mm
Maximum value of SAR (measured) = 1.156 mW/g



Test Laboratory: UL CCS

System Check D835V2 SN 4d002

DUT: Dipole D835V2; Type: D835V2; Serial: 4d002

Communication System: CW; Frequency: 835 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 835$ MHz; $\sigma = 1$ mho/m; $\epsilon_r = 55.426$; $\rho = 1000$ 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 - SN3686; ConvF(8.78, 8.78, 8.78); Calibrated: 1/24/2011
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1239; Calibrated: 11/17/2010
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1099
- Measurement SW: DASY52, Version 52.6 (1); SEMCAD X Version 14.4.2 (2595)

D835V2/Pin=100 mW/Area Scan (6x7x1): Measurement grid: dx=15mm, dy=15mm

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

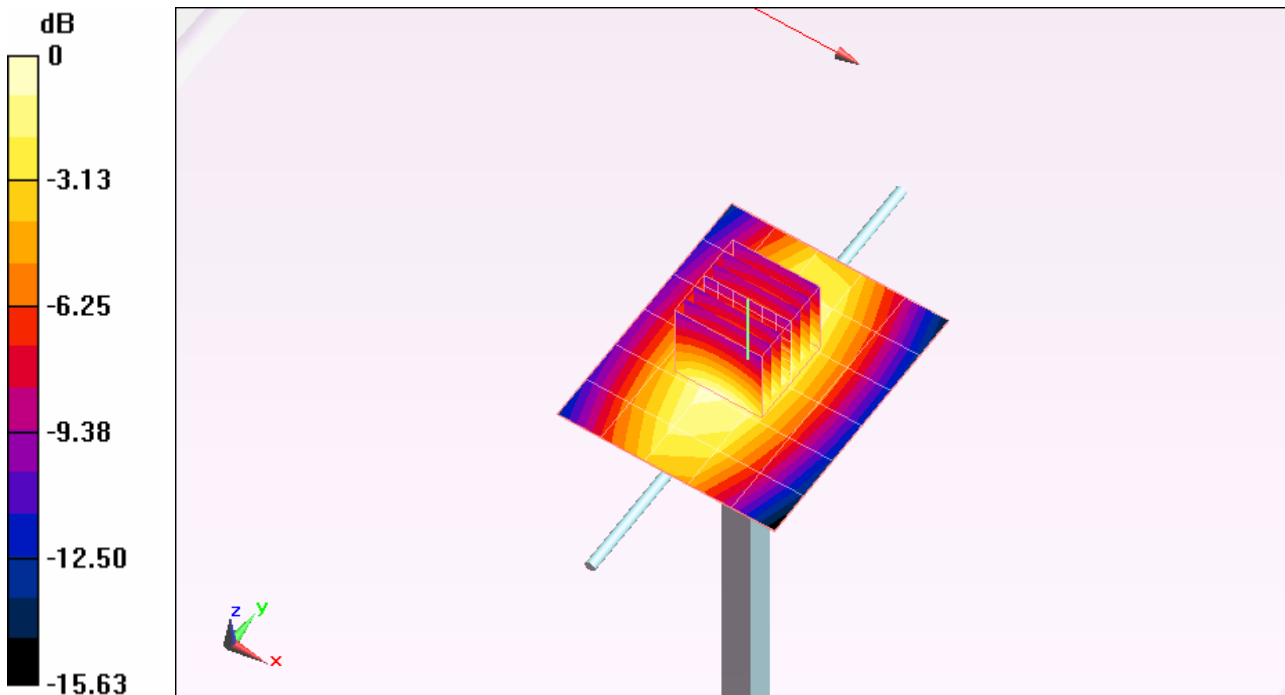
D835V2/Pin=100 mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 34.252 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 1.496 W/kg

SAR(1 g) = 0.997 mW/g; SAR(10 g) = 0.653 mW/g

Maximum value of SAR (measured) = 1.161 mW/g



0 dB = 1.160mW/g

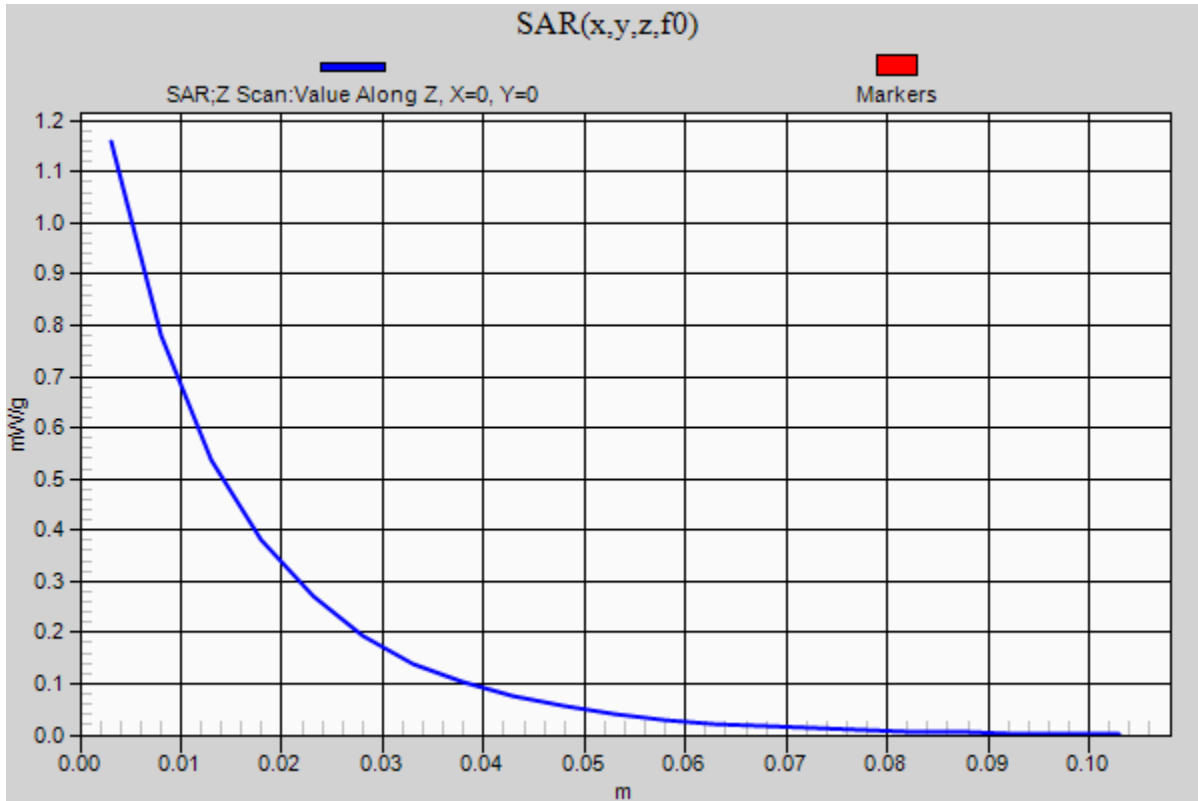
Test Laboratory: UL CCS

System Check D835V2 SN 4d002

DUT: Dipole D835V2; Type: D835V2; Serial: 4d002

Communication System: CW; Frequency: 835 MHz; Duty Cycle: 1:1

D835V2/Pin=100 mW/Z Scan (1x1x21): Measurement grid: dx=20mm, dy=20mm, dz=5mm
Maximum value of SAR (measured) = 1.159 mW/g



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System Check_D1900V2_SN 5d043

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Communication System: CW; Frequency: 1900 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 1900$ MHz; $\sigma = 1.506$ mho/m; $\epsilon_r = 52.618$; $\rho = 1000$ 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 - SN3686; ConvF(6.99, 6.99, 6.99); Calibrated: 1/24/2011
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1239; Calibrated: 11/17/2010
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1099
- Measurement SW: DASY52, Version 52.6 (1); SEMCAD X Version 14.4.2 (2595)

D1900V2/Pin=100 mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 58.211 V/m; Power Drift = -0.03 dB

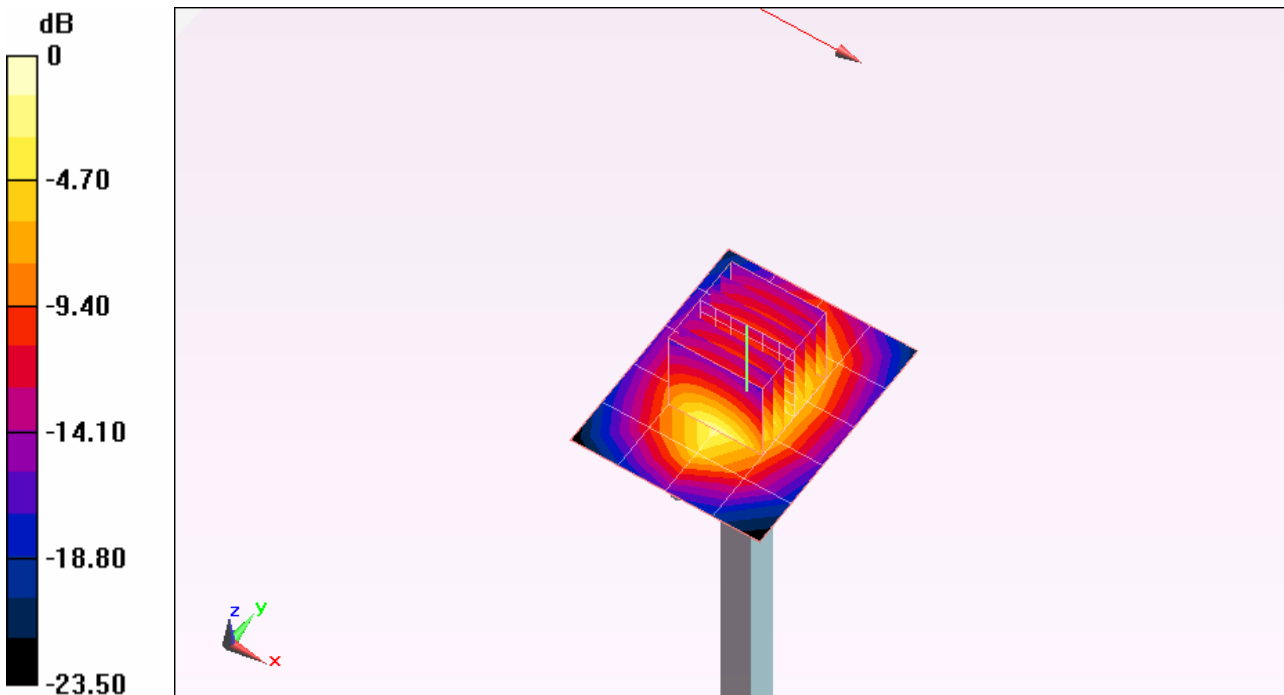
Peak SAR (extrapolated) = 7.268 W/kg

SAR(1 g) = 4.01 mW/g; SAR(10 g) = 2.1 mW/g

Maximum value of SAR (measured) = 5.074 mW/g

D1900V2/Pin=100 mW/Area Scan (5x6x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 4.934 mW/g



0 dB = 4.930mW/g

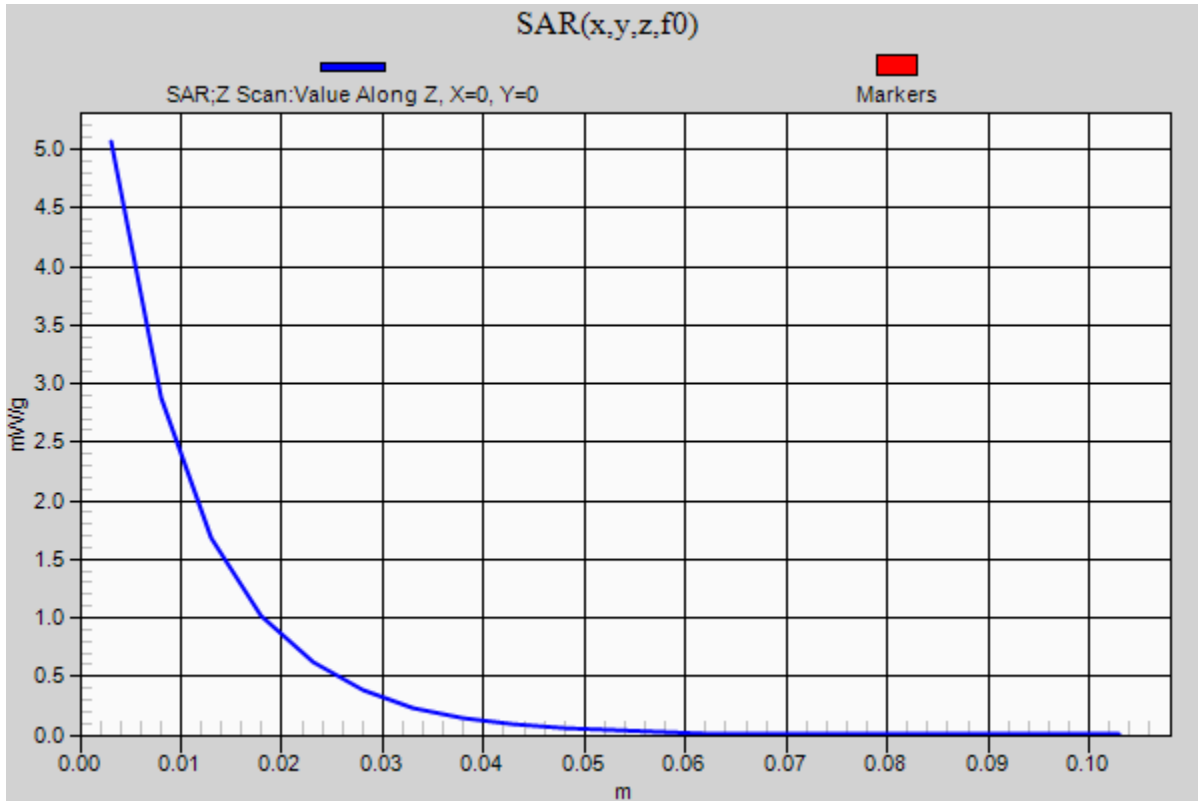
Test Laboratory: UL CCS

System Check_D1900V2_SN 5d043

DUT: Dipole D1900V2; Type: D1900V2; Serial: 5d043

Communication System: CW; Frequency: 1900 MHz; Duty Cycle: 1:1

D1900V2/Pin=100 mW/Z Scan (1x1x21): Measurement grid: dx=20mm, dy=20mm, dz=5mm
Maximum value of SAR (measured) = 5.063 mW/g



Test Laboratory: UL CCS

System Check_D1900V2_SN 5d043

DUT: Dipole D1900V2; Type: D1900V2; Serial: 5d043

Communication System: CW; Frequency: 1900 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 1900$ MHz; $\sigma = 1.476$ mho/m; $\epsilon_r = 54.223$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

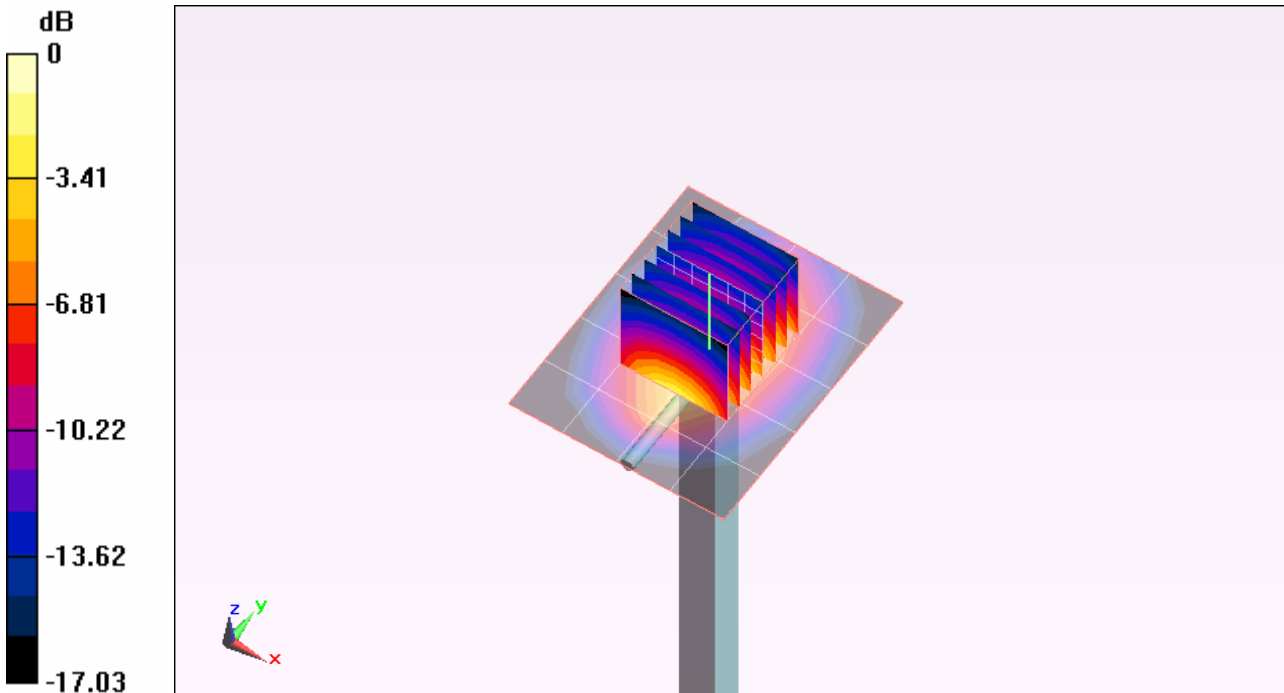
Room Ambient Temperature: 24.0 deg. C; Liquid Temperature: 23.0 deg. C

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 - SN3686; ConvF(6.99, 6.99, 6.99); Calibrated: 1/24/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1239; Calibrated: 11/17/2010
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1099
- Measurement SW: DASY52, Version 52.6 (1); SEMCAD X Version 14.4.2 (2595)

D1900V2/Pin=100 mW/Area Scan (5x6x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 5.230 mW/g

D1900V2/Pin=100 mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 60.673 V/m; Power Drift = -0.0092 dB
Peak SAR (extrapolated) = 7.229 W/kg
SAR(1 g) = 4 mW/g; SAR(10 g) = 2.1 mW/g
Maximum value of SAR (measured) = 5.361 mW/g



0 dB = 5.360mW/g

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System Check_D1900V2_SN 5d043

DUT: Dipole D1900V2; Type: D1900V2; Serial: 5d043

Communication System: CW; Frequency: 1900 MHz; Duty Cycle: 1:1

D1900V2/Pin=100 mW/Z Scan (1x1x21): Measurement grid: dx=20mm, dy=20mm, dz=5mm
Maximum value of SAR (measured) = 5.385 mW/g

