

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; $\sigma = 1.351$ mho/m; $\epsilon_r = 41.356$; $\rho = 1000$ 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(7.42, 7.42, 7.42); Calibrated: 1/24/2011

- Sensor-Surface: 2.5mm (Mechanical Surface Detection)

- Electronics: DAE4 Sn1239; Calibrated: 11/17/2010

- Phantom: SAM with CRP; Type: SAM; Serial: 1602

- 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) = 5.051 mW/g

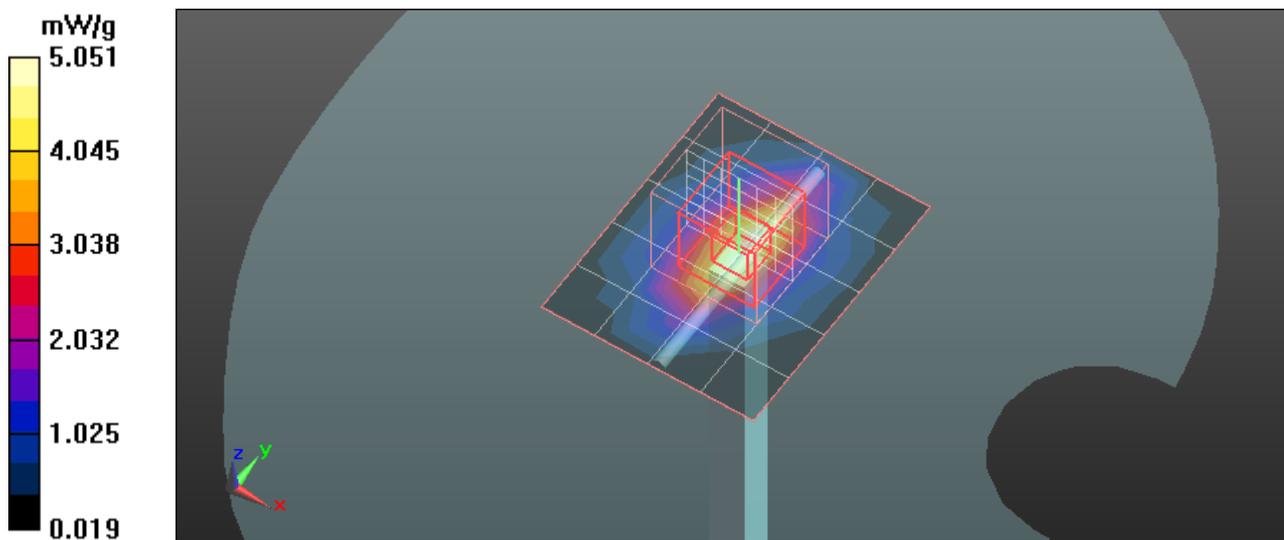
D1900V2/Pin=100 mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 62.704 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 7.091 W/kg

SAR(1 g) = 3.92 mW/g; SAR(10 g) = 2.09 mW/g

Maximum value of SAR (measured) = 5.248 mW/g



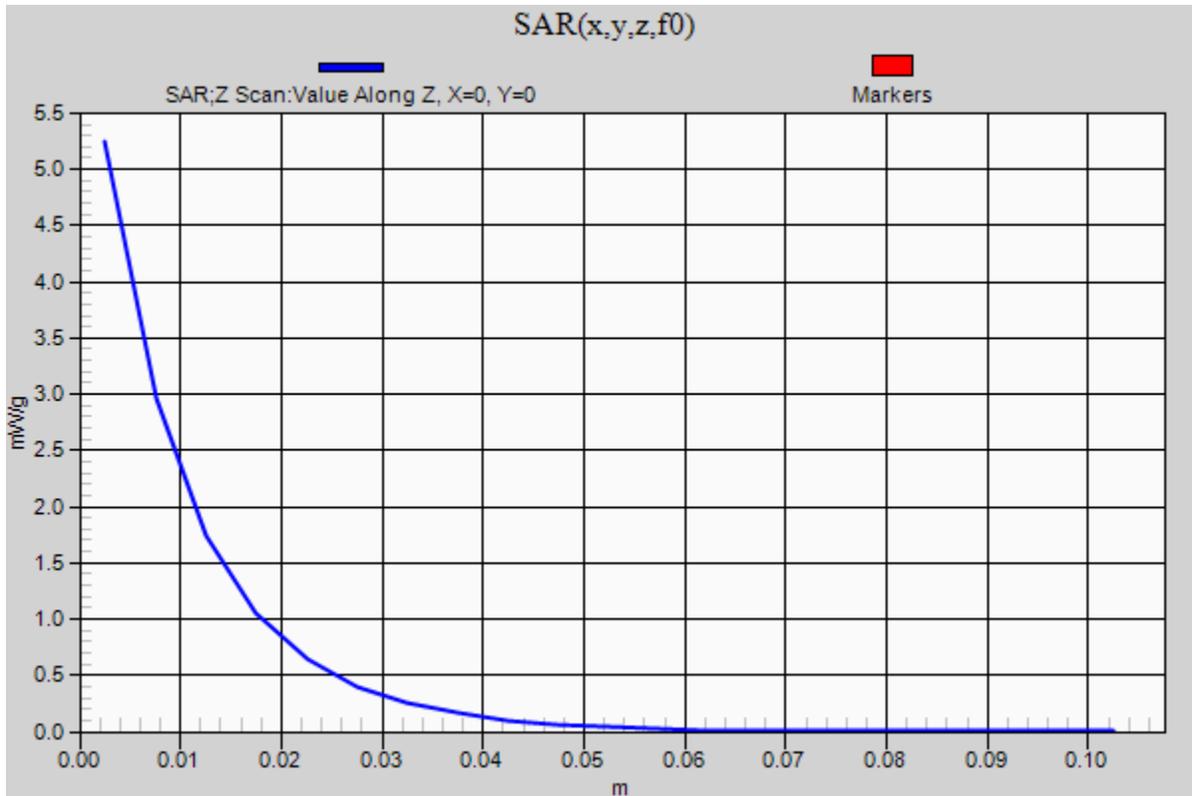
Test Laboratory: UL CCS

System Check_D1900V2_SN 5d043

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

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

D1900V2/Pin=100 mW/Z Scan (1x1x21): Measurement grid: dx=20mm, dy=20mm, dz=5mm
Maximum value of SAR (measured) = 5.245 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; $\sigma = 1.392$ mho/m; $\epsilon_r = 40.801$; $\rho = 1000$ 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(7.42, 7.42, 7.42); Calibrated: 1/24/2011

- Sensor-Surface: 2.5mm (Mechanical Surface Detection)

- Electronics: DAE4 Sn1239; Calibrated: 11/17/2010

- Phantom: SAM with CRP; Type: SAM; Serial: 1602

- 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) = 5.247 mW/g

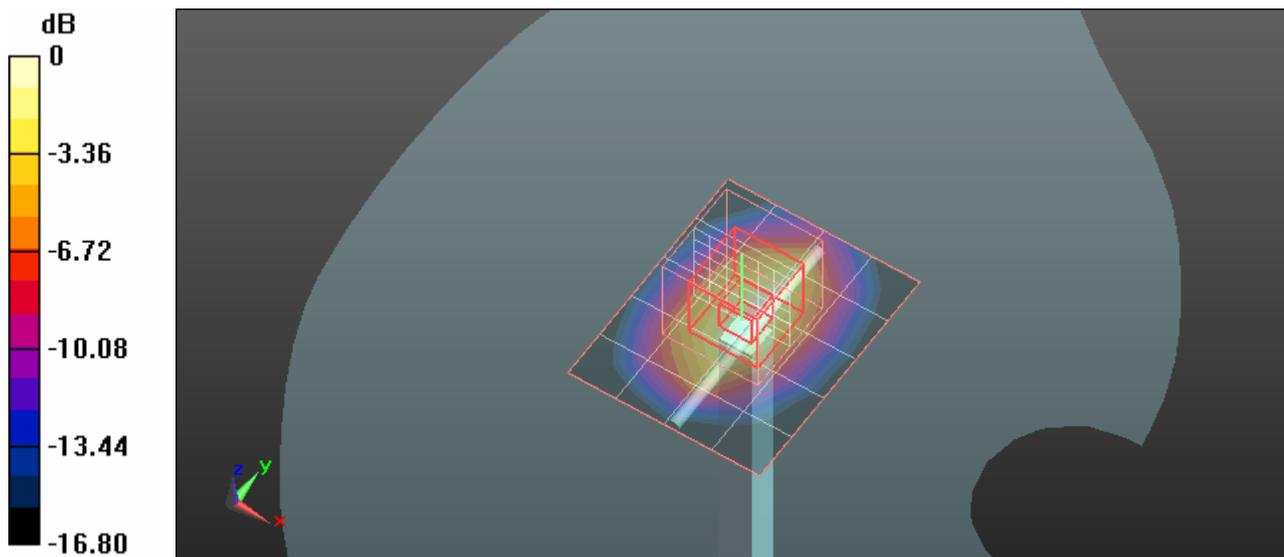
D1900V2/Pin=100 mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 61.832 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 7.370 W/kg

SAR(1 g) = 4.07 mW/g; SAR(10 g) = 2.17 mW/g

Maximum value of SAR (measured) = 5.426 mW/g



0 dB = 5.430mW/g

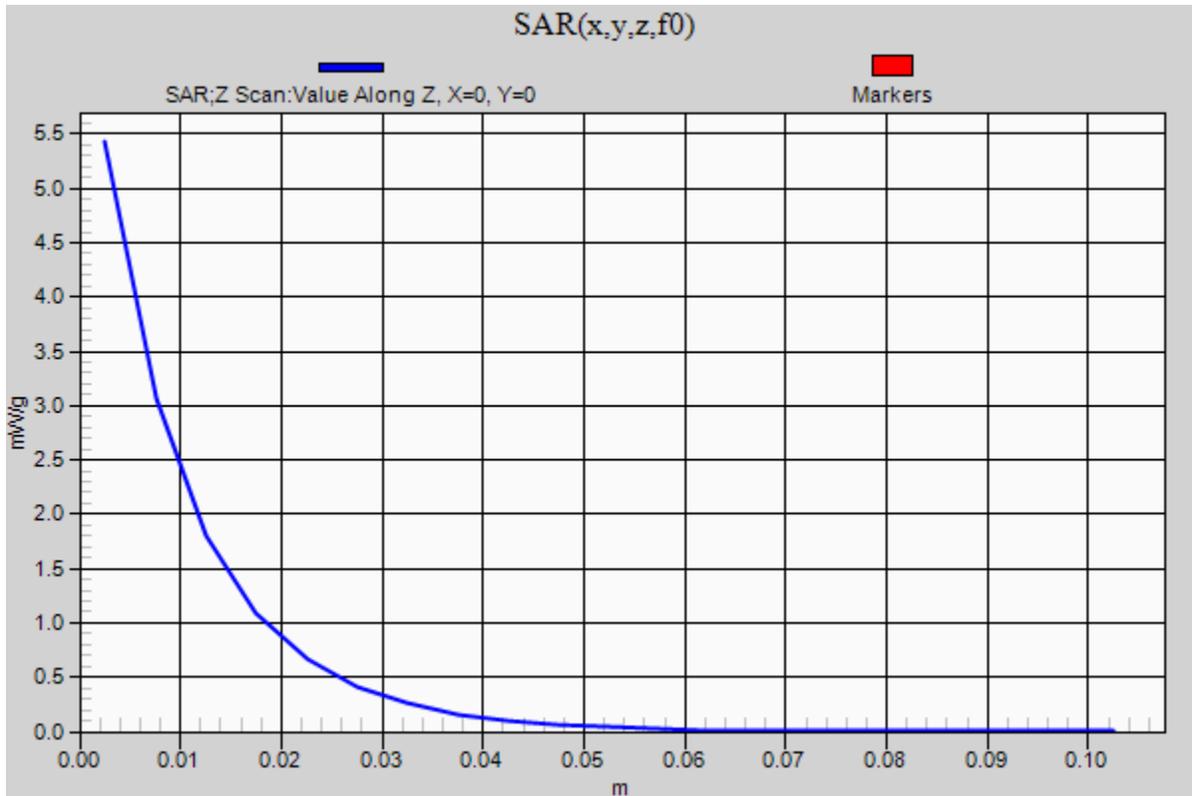
Test Laboratory: UL CCS

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) = 5.430 mW/g



Test Laboratory: The name of your organization

System Check_D835V2_SN 4d002

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

Communication System: CW; Frequency: 835 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 835$ MHz; $\sigma = 0.982$ mho/m; $\epsilon_r = 53.5$; $\rho = 1000$ 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: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1239; Calibrated: 11/17/2010
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: xxxx
- Measurement SW: DASY52, V52.2 Build 0; Postprocessing SW: SEMCAD X, V14.2 Build 2 Version 14.2.2 (1685) (Deployment Build)

D835V2/Pin=100 mW/Area Scan (5x6x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 1.15 mW/g

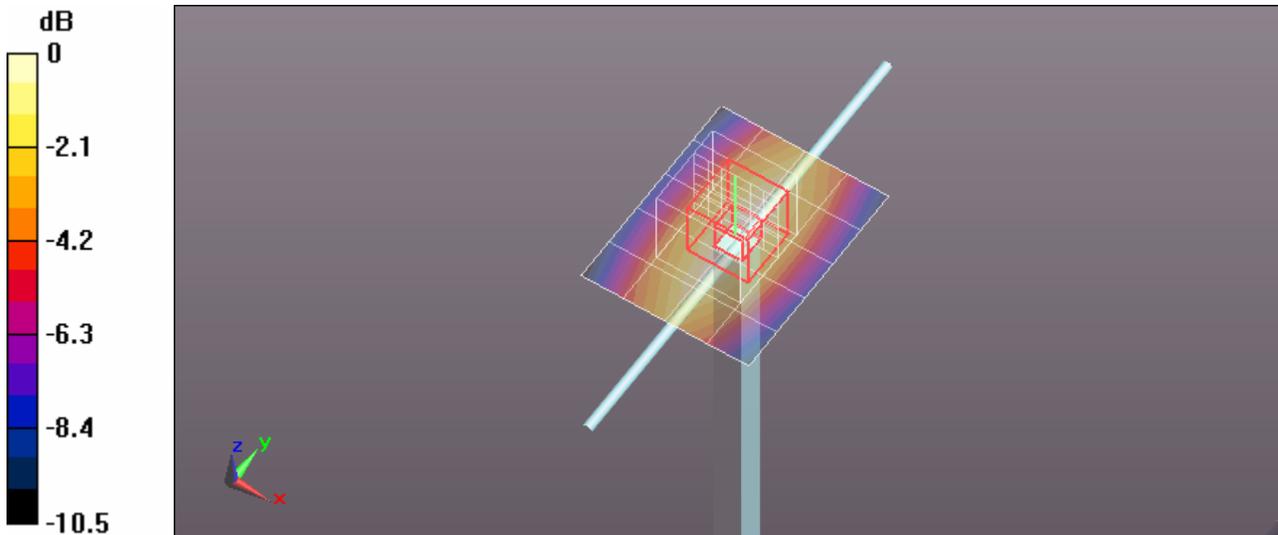
D835V2/Pin=100 mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 34.8 V/m; Power Drift = -0.025 dB

Peak SAR (extrapolated) = 1.44 W/kg

SAR(1 g) = 0.961 mW/g; SAR(10 g) = 0.631 mW/g

Maximum value of SAR (measured) = 1.17 mW/g



0 dB = 1.17mW/g

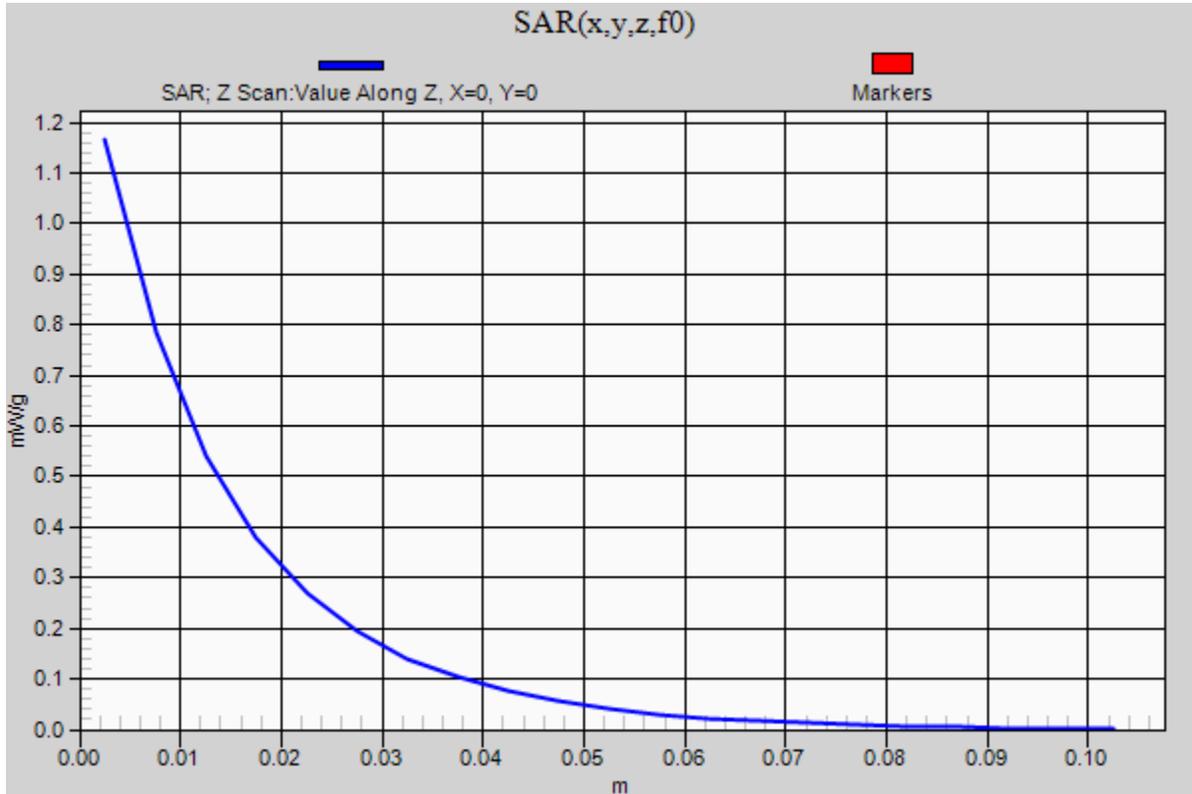
Test Laboratory: The name of your organization

System Check_D835V2_SN 4d002

DUT: 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) = 1.17 mW/g



Test Laboratory: UL CCS

System Check_D835V2_SN 4d002

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

Communication System: CW; Frequency: 835 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 835$ MHz; $\sigma = 0.986$ mho/m; $\epsilon_r = 53.891$; $\rho = 1000$ 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: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1239; Calibrated: 11/17/2010
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: xxxx
- Measurement SW: DASY52, Version 52.6 (1); SEMCAD X Version 14.4.2 (2595)

D835V2/Pin=100 mW/Area Scan (5x6x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 1.247 mW/g

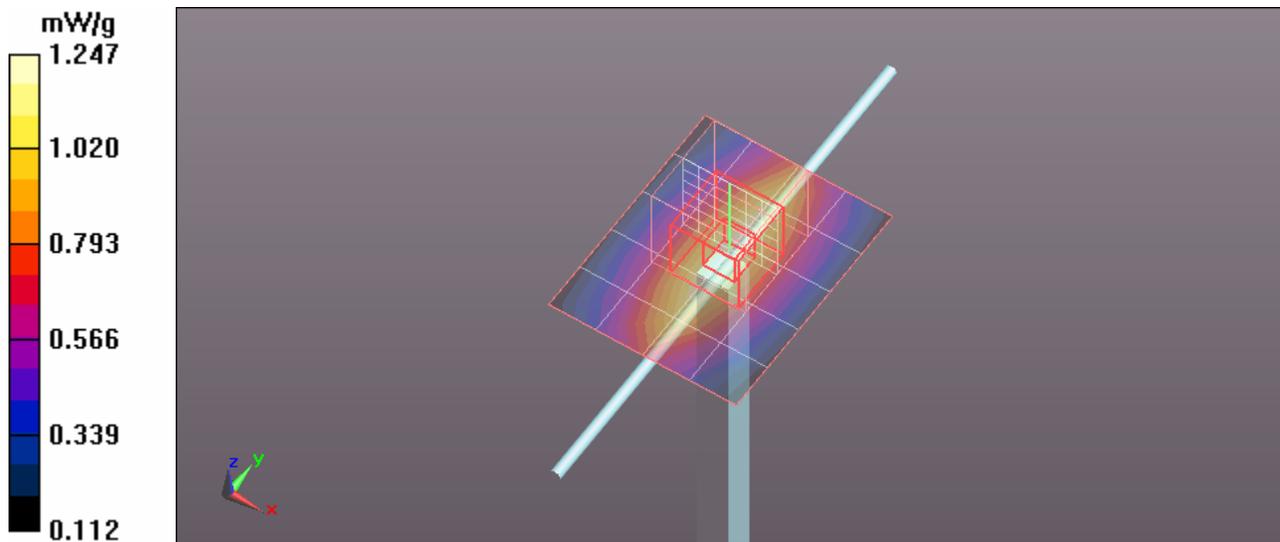
D835V2/Pin=100 mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 36.018 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 1.560 W/kg

SAR(1 g) = 1.03 mW/g; SAR(10 g) = 0.677 mW/g

Maximum value of SAR (measured) = 1.261 mW/g



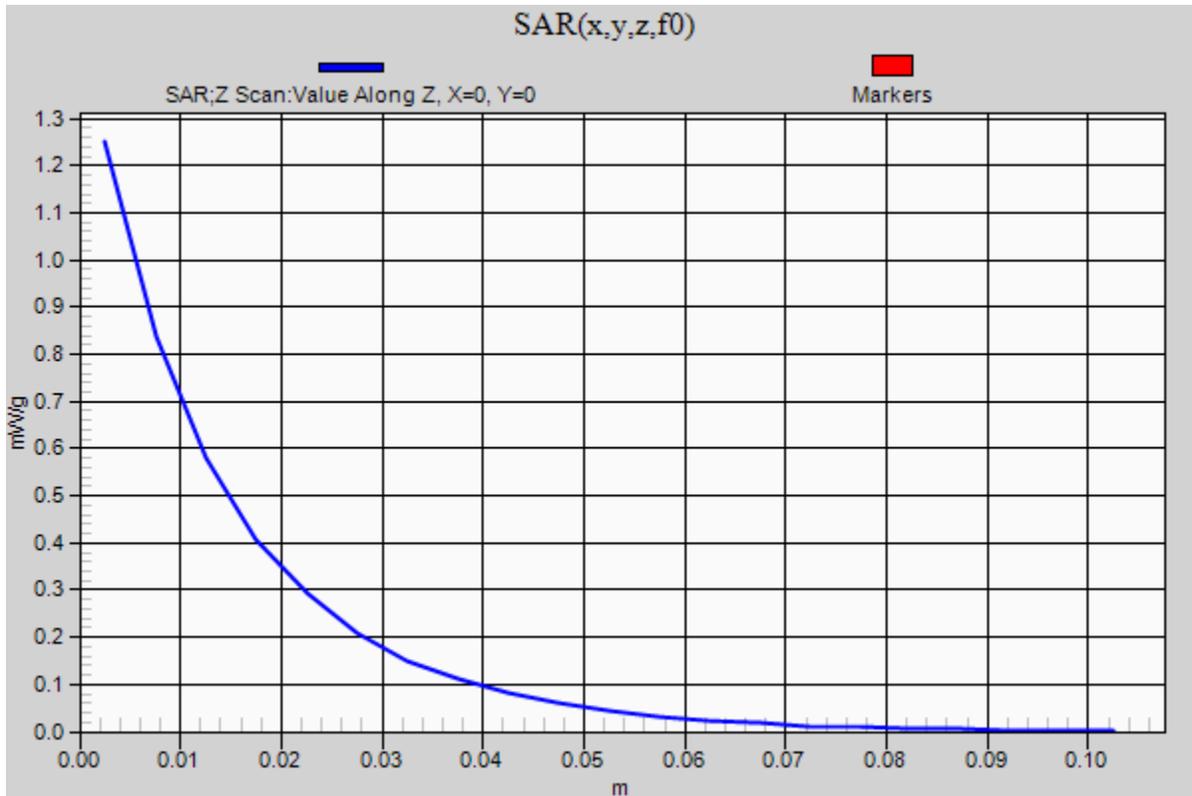
Test Laboratory: UL CCS

System Check_D835V2_SN 4d002

DUT: 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) = 1.251 mW/g



Test Laboratory: UL CCS

System Performance 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; $\sigma = 0.986$ mho/m; $\epsilon_r = 53.891$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

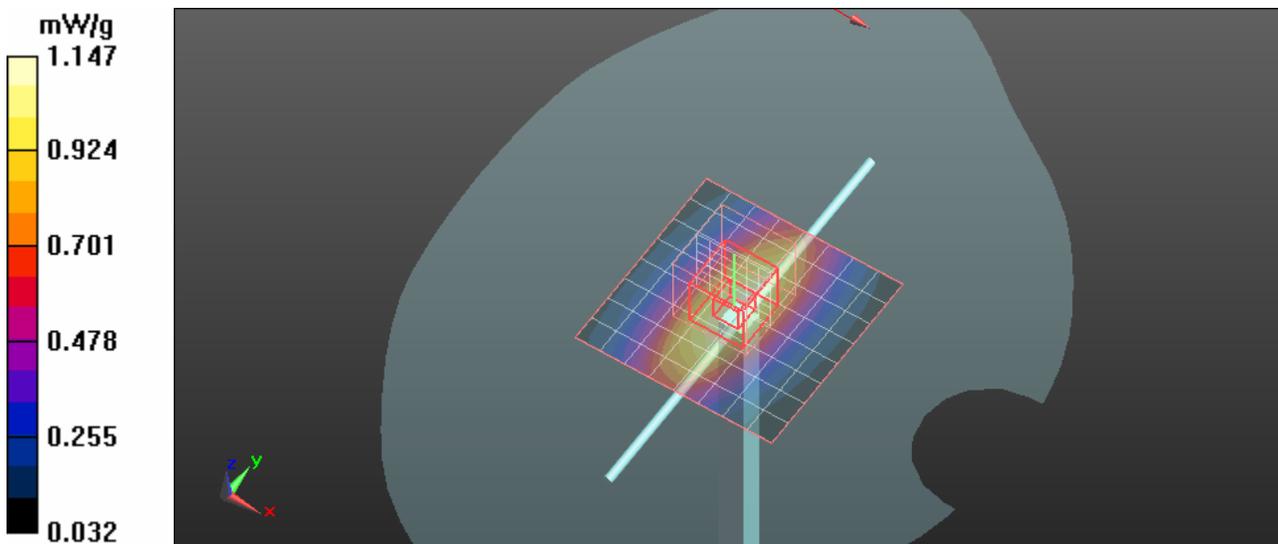
Room Ambient Temperature: 24.0 deg. C; Liquid Temperature: 23.0 deg. C

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: 2.5mm (Mechanical Surface Detection), Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1239; Calibrated: 11/17/2010
- Phantom: SAM with CRP; Type: SAM; Serial: 1602
- Measurement SW: DASY52, Version 52.6 (1); SEMCAD X Version 14.4.2 (2595)

Configuration/Pin=100mW/Area Scan (9x9x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 1.147 mW/g

Configuration/Pin=100mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 32.055 V/m; Power Drift = -0.0076 dB
Peak SAR (extrapolated) = 1.422 W/kg
SAR(1 g) = 0.948 mW/g; SAR(10 g) = 0.621 mW/g
Maximum value of SAR (measured) = 1.020 mW/g



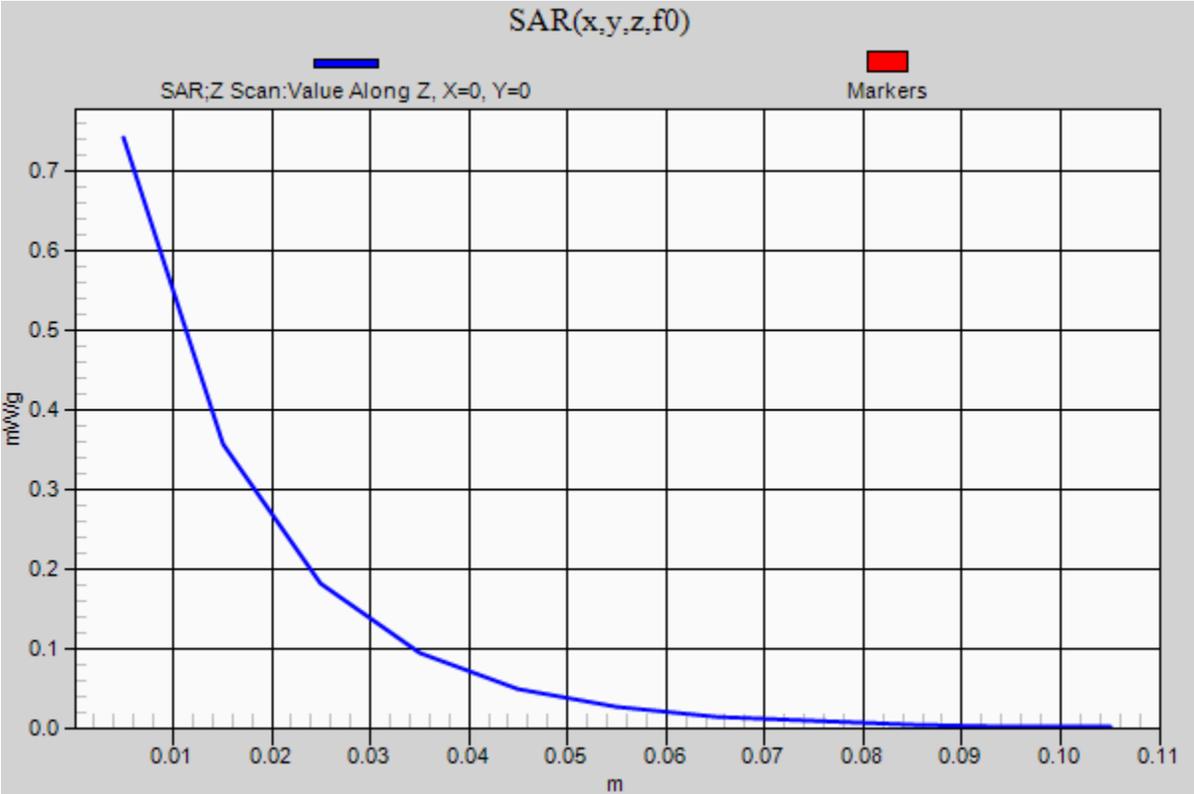
Test Laboratory: UL CCS

System Performance Check - D835V2_SN 4d002

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

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

Configuration/Pin=100mW/Z Scan (1x1x11): Measurement grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 0.741 mW/g



Test Laboratory: UL CCS

System Performance 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; $\sigma = 0.9$ mho/m; $\epsilon_r = 42.467$; $\rho = 1000$ 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(8.65, 8.65, 8.65); Calibrated: 1/24/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1239; Calibrated: 11/17/2010
- Phantom: SAM with CRP; Type: SAM; Serial: 1602
- Measurement SW: DASY52, Version 52.6 (1); SEMCAD X Version 14.4.2 (2595)

Configuration/Pin=100mW/Area Scan (9x9x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 1.154 mW/g

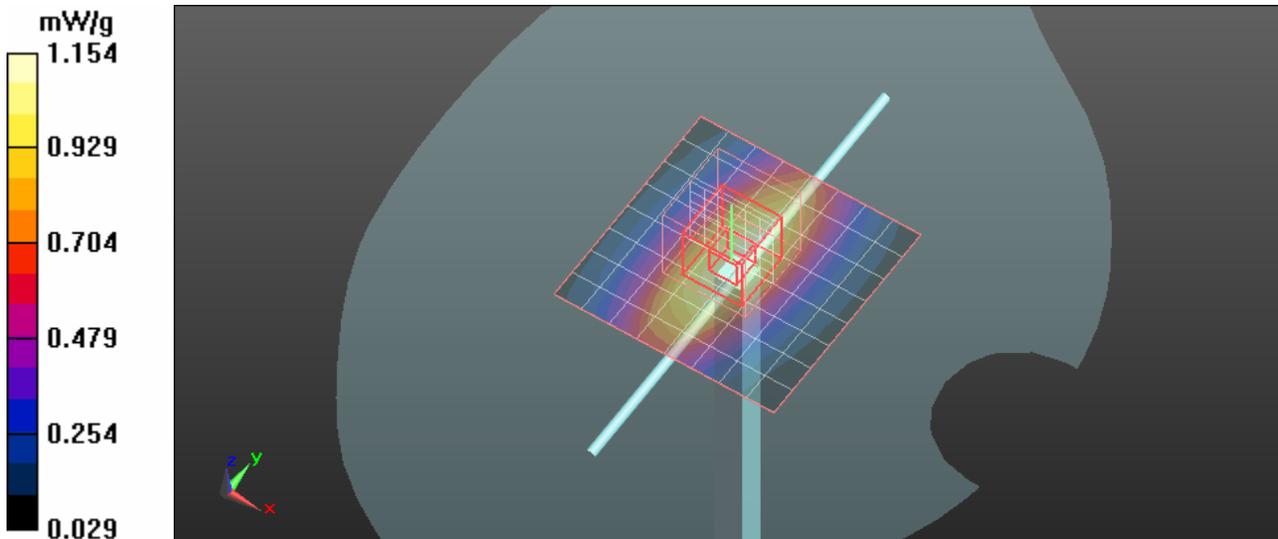
Configuration/Pin=100mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 36.068 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 1.429 W/kg

SAR(1 g) = 0.945 mW/g; SAR(10 g) = 0.619 mW/g

Maximum value of SAR (measured) = 1.152 mW/g



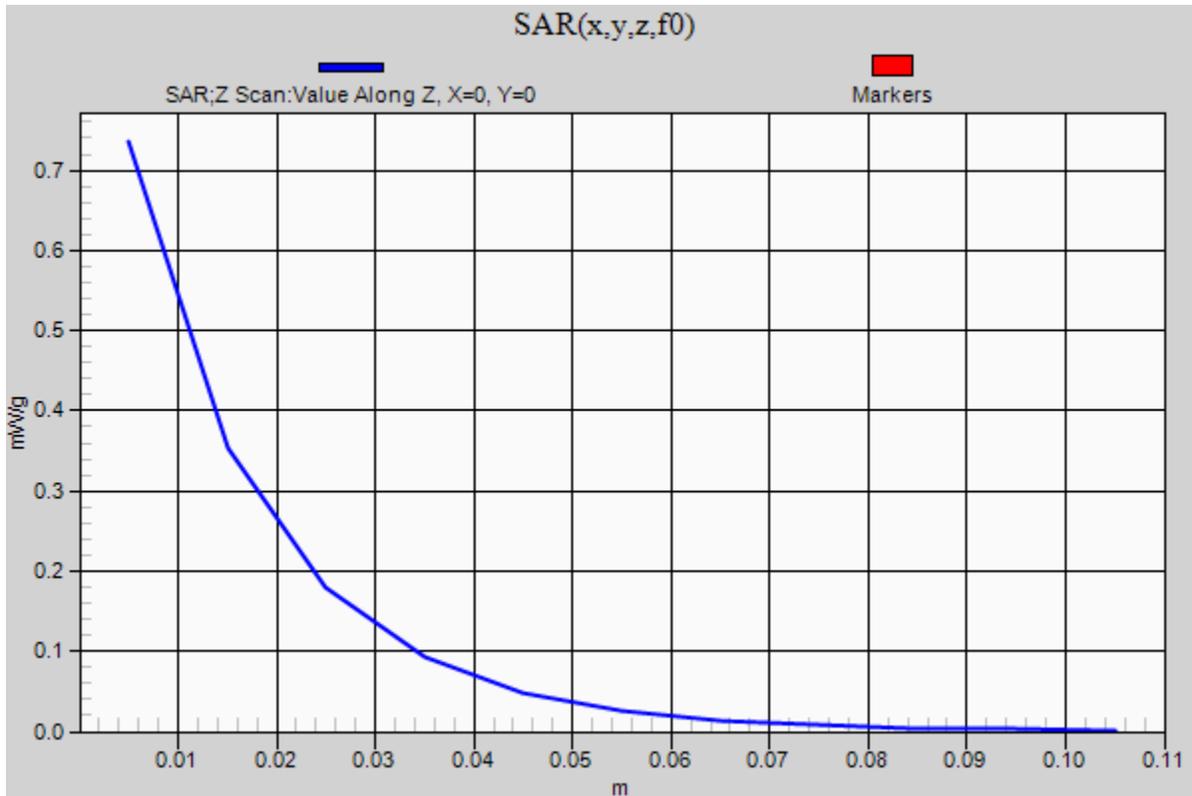
Test Laboratory: UL CCS

System Performance Check - D835V2_SN 4d002

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

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

Configuration/Pin=100mW/Z Scan (1x1x11): Measurement grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 0.735 mW/g



Test Laboratory: UL CCS

System Check_D2450V2_SN 706

DUT: Dipole D2450V2 SN: 706; Type: D2450V2; Serial: 706

Communication System: CW; Frequency: 2450 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 2450$ MHz; $\sigma = 1.817$ mho/m; $\epsilon_r = 38.176$; $\rho = 1000$ 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(6.82, 6.82, 6.82); Calibrated: 1/24/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1239; Calibrated: 11/17/2010
- Phantom: SAM with CRP; Type: SAM; Serial: 1602
- Measurement SW: DASY52, Version 52.6 (1); SEMCAD X Version 14.4.2 (2595)

D2450V2/Pin=100 mW/Area Scan (7x7x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 7.287 mW/g

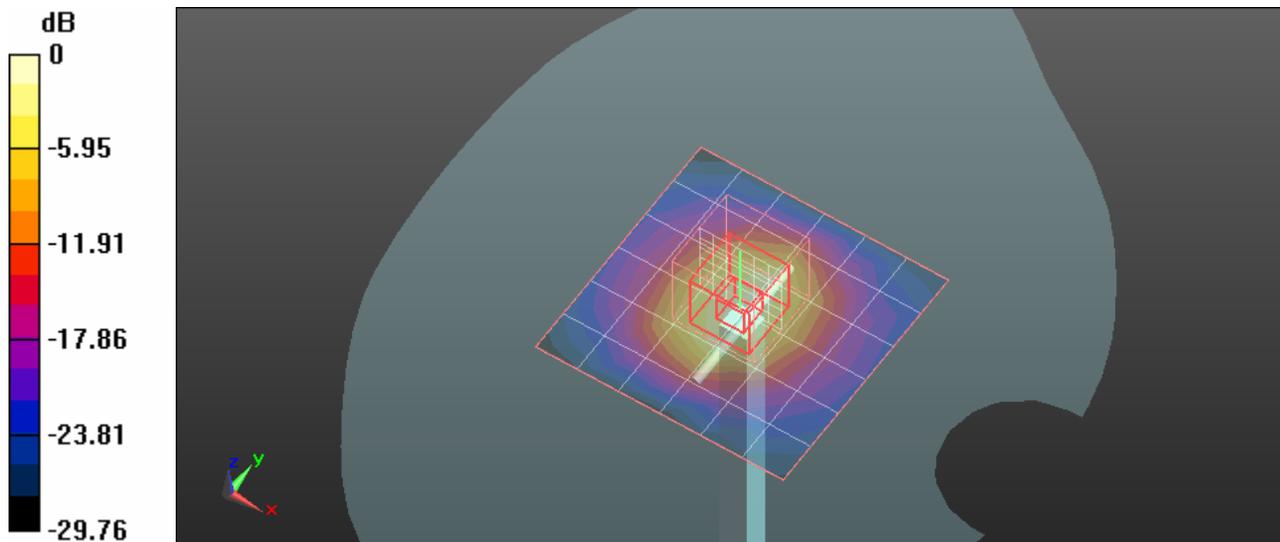
D2450V2/Pin=100 mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 64.334 V/m; Power Drift = -0.0016 dB

Peak SAR (extrapolated) = 11.325 W/kg

SAR(1 g) = 5.19 mW/g; SAR(10 g) = 2.34 mW/g

Maximum value of SAR (measured) = 7.514 mW/g



0 dB = 7.510mW/g

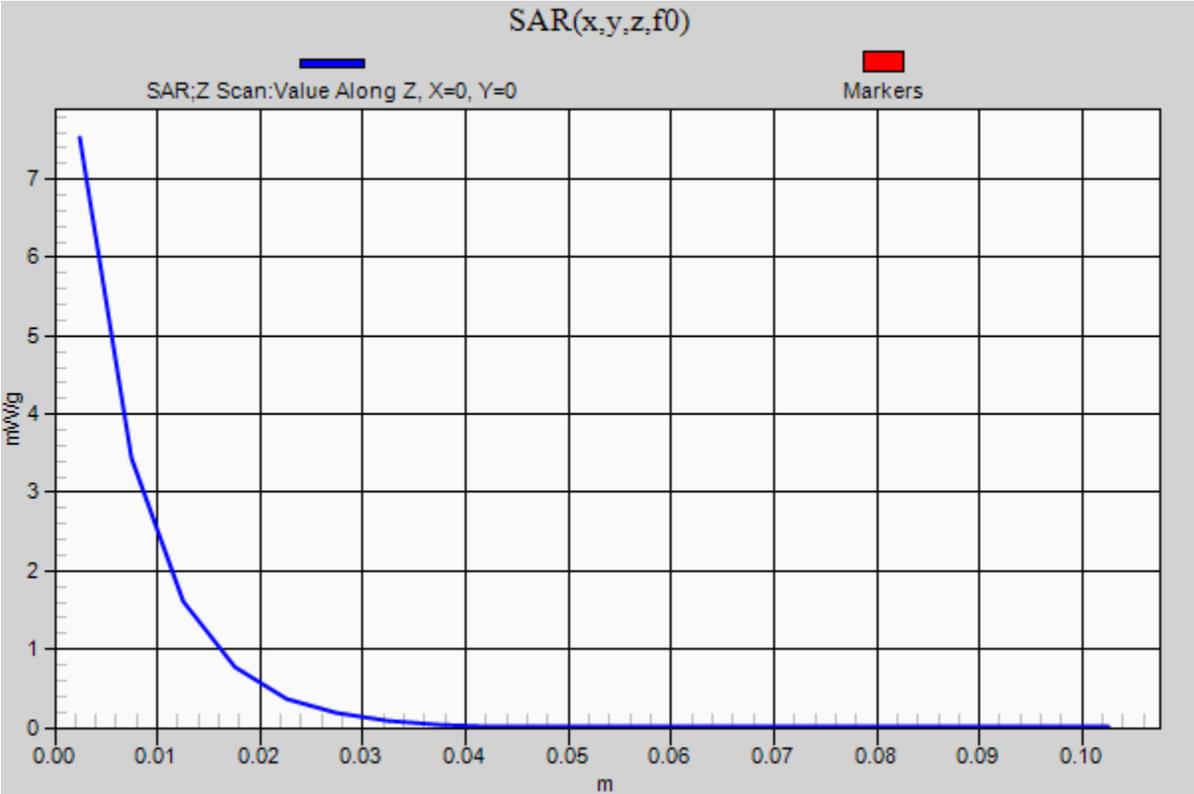
Test Laboratory: UL CCS

System Check_D2450V2_SN 706

DUT: Dipole D2450V2 SN: 706; Type: D2450V2; Serial: 706

Communication System: CW; Frequency: 2450 MHz;Duty Cycle: 1:1

D2450V2/Pin=100 mW/Z Scan (1x1x21): Measurement grid: dx=20mm, dy=20mm, dz=5mm
Maximum value of SAR (measured) = 7.529 mW/g



Test Laboratory: UL CCS

System Check_D2450V2_SN 706

DUT: Dipole D2450V2 SN: 706; Type: D2450V2; Serial: 706

Communication System: CW; Frequency: 2450 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 2450$ MHz; $\sigma = 2.011$ mho/m; $\epsilon_r = 51.534$; $\rho = 1000$ 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(6.86, 6.86, 6.86); 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)

D2450V2/Pin=100 mW/Area Scan (7x7x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 7.642 mW/g

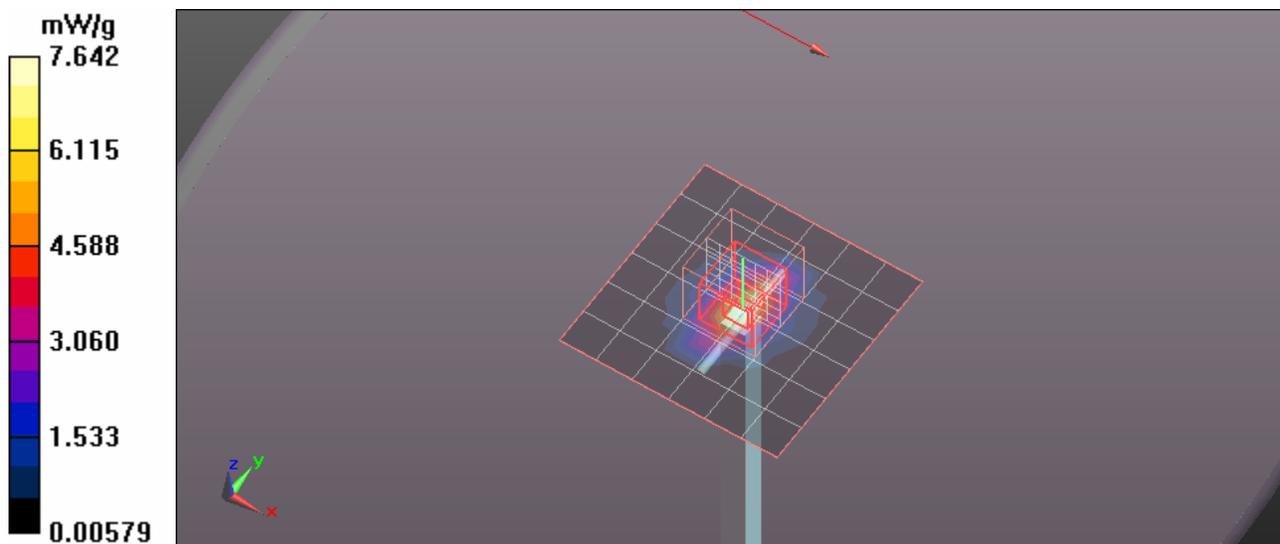
D2450V2/Pin=100 mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 62.157 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 11.188 W/kg

SAR(1 g) = 5.36 mW/g; SAR(10 g) = 2.45 mW/g

Maximum value of SAR (measured) = 7.682 mW/g



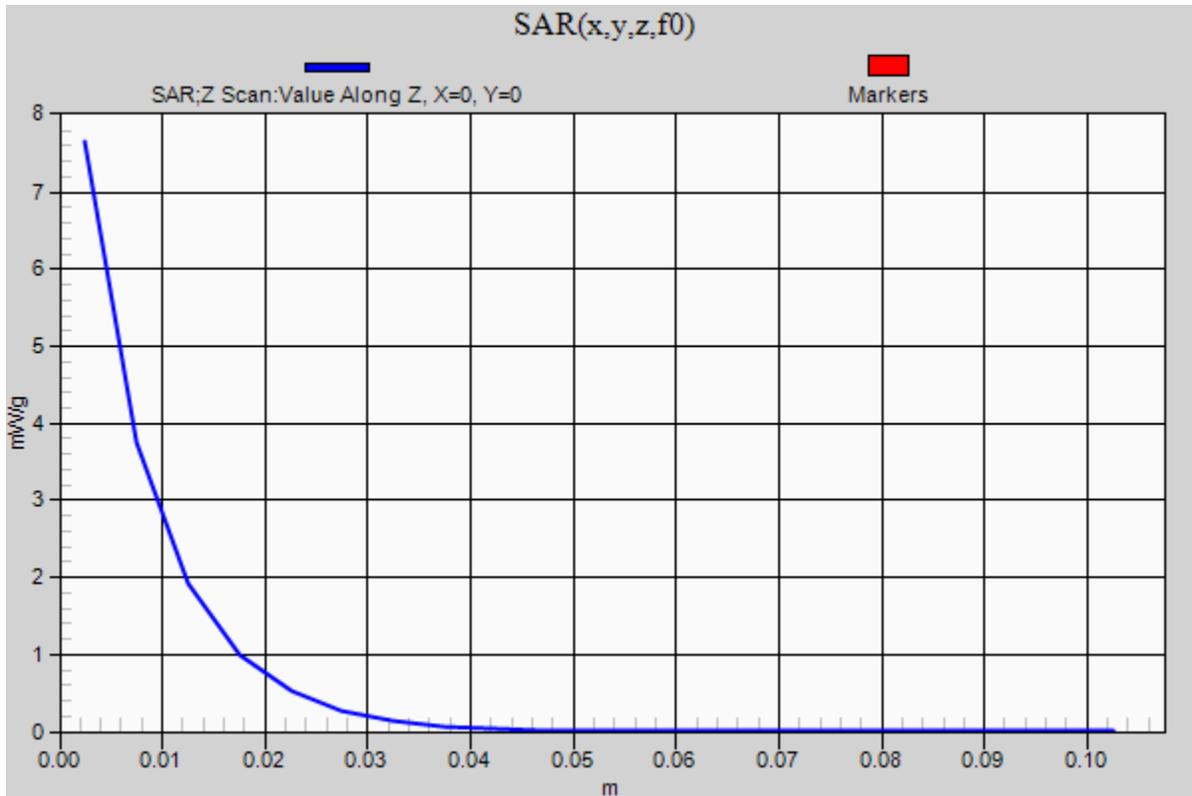
Test Laboratory: UL CCS

System Check_D2450V2_SN 706

DUT: Dipole D2450V2 SN: 706; Type: D2450V2; Serial: 706

Communication System: CW; Frequency: 2450 MHz;Duty Cycle: 1:1

D2450V2/Pin=100 mW/Z Scan (1x1x21): Measurement grid: dx=20mm, dy=20mm, dz=5mm
Maximum value of SAR (measured) = 7.656 mW/g



Test Laboratory: UL CCS

System Check D5GHzV2_SN1075

DUT: Dipole D5GHzV2; Type: D5GHzV2; Serial: 1075

Communication System: CW; Frequency: 5200 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 5200$ MHz; $\sigma = 5.174$ mho/m; $\epsilon_r = 49.785$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

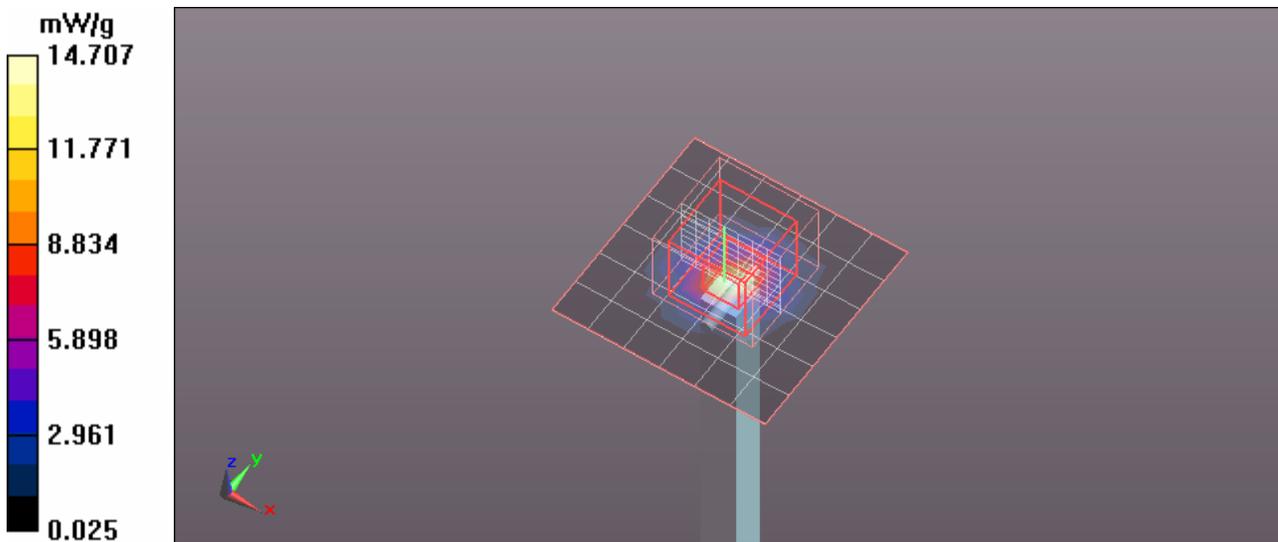
Room Ambient Temperature: 25.0 deg. C; Liquid Temperature: 24.0 deg. C

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(3.98, 3.98, 3.98); 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)

5.2G/Pin=100mW/Area Scan (7x7x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 14.707 mW/g

5.2G/Pin=100mW/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 56.269 V/m; Power Drift = -0.148 dB
Peak SAR (extrapolated) = 26.855 W/kg
SAR(1 g) = 8.08 mW/g; SAR(10 g) = 2.33 mW/g
Maximum value of SAR (measured) = 13.954 mW/g



Test Laboratory: UL CCS

System Check D5GHzV2_SN1075

DUT: Dipole D5GHzV2; Type: D5GHzV2; Serial: 1075

Communication System: CW; Frequency: 5500 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 5500$ MHz; $\sigma = 5.609$ mho/m; $\epsilon_r = 49.187$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

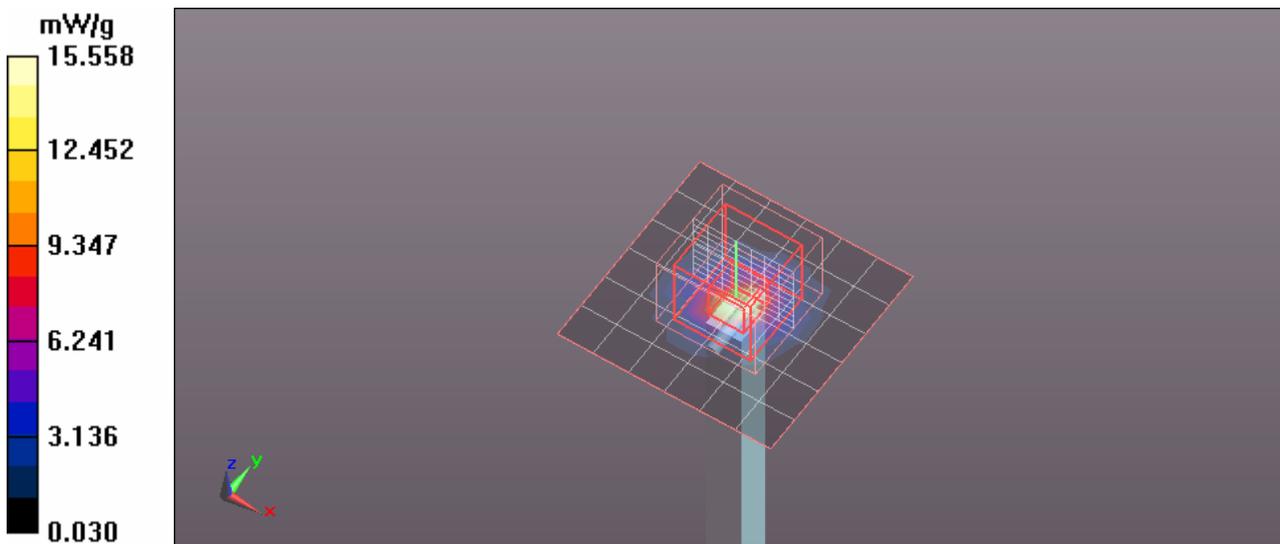
Room Ambient Temperature: 25.0 deg. C; Liquid Temperature: 24.0 deg. C

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(3.56, 3.56, 3.56); 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)

5.5G/Pin=100mW/Area Scan (7x7x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 15.558 mW/g

5.5G/Pin=100mW/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 56.748 V/m; Power Drift = -0.09 dB
Peak SAR (extrapolated) = 28.865 W/kg
SAR(1 g) = 8.47 mW/g; SAR(10 g) = 2.41 mW/g
Maximum value of SAR (measured) = 15.217 mW/g



Test Laboratory: UL CCS

System Check D5GHzV2_SN1075

DUT: Dipole D5GHzV2; Type: D5GHzV2; Serial: 1075

Communication System: CW; Frequency: 5800 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 5800$ MHz; $\sigma = 6.03$ mho/m; $\epsilon_r = 48.607$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

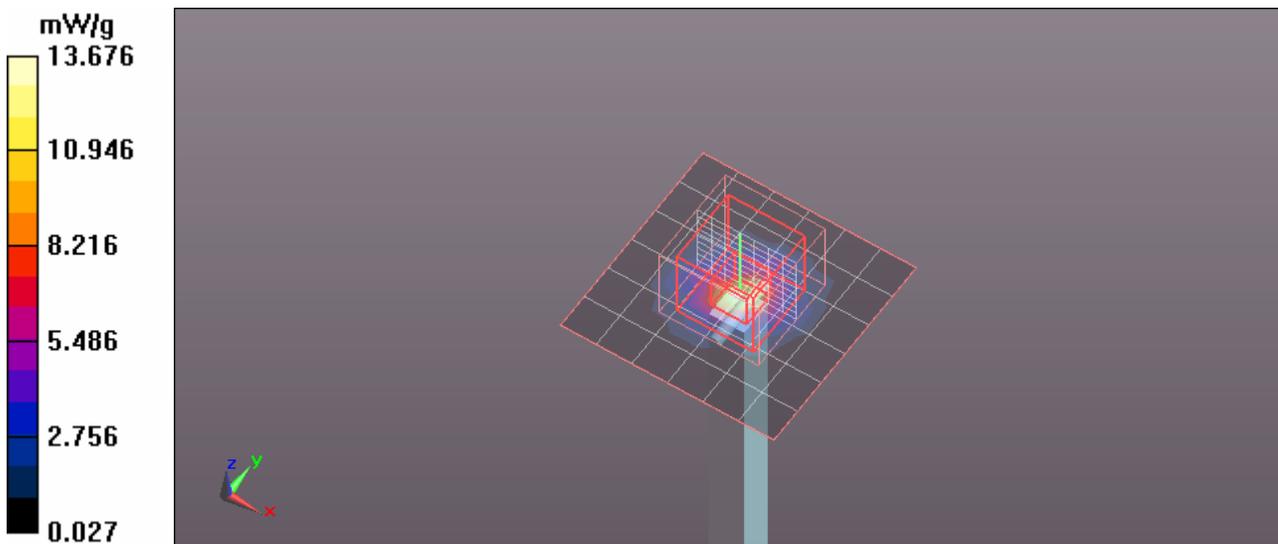
Room Ambient Temperature: 25.0 deg. C; Liquid Temperature: 24.0 deg. C

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(3.7, 3.7, 3.7); 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)

5.8G/Pin=100mW/Area Scan (7x7x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 13.676 mW/g

5.8G/Pin=100mW/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 51.551 V/m; Power Drift = 0.123 dB
Peak SAR (extrapolated) = 28.327 W/kg
SAR(1 g) = 7.63 mW/g; SAR(10 g) = 2.12 mW/g
Maximum value of SAR (measured) = 14.283 mW/g



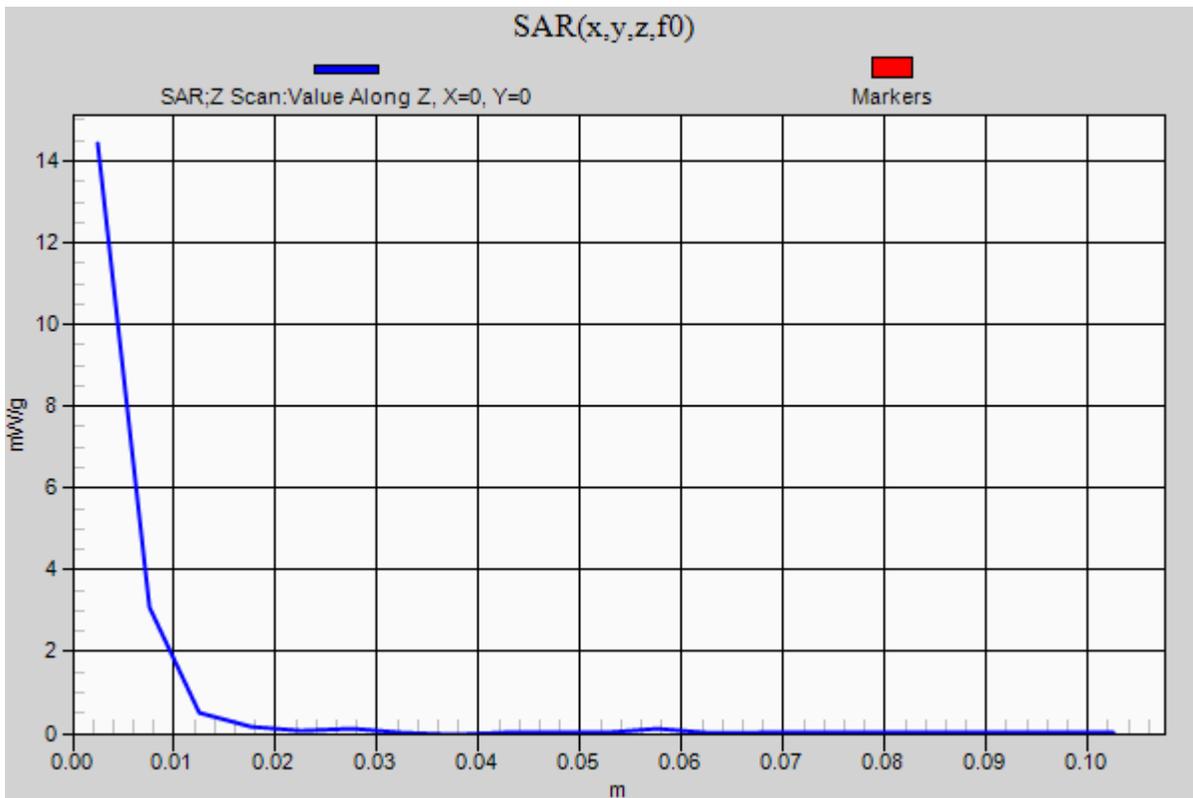
Test Laboratory: UL CCS

System Check D5GHzV2_SN1075

DUT: Dipole D5GHzV2; Type: D5GHzV2; Serial: 1075

Communication System: CW; Frequency: 5800 MHz; Duty Cycle: 1:1

5.8G/Pin=100mW/Z Scan (1x1x21): Measurement grid: dx=20mm, dy=20mm, dz=5mm
Maximum value of SAR (measured) = 14.424 mW/g



Test Laboratory: UL CCS

System Check D5GHzV2_SN1075

DUT: Dipole D5GHzV2; Type: D5GHzV2; Serial: 1075

Communication System: CW; Frequency: 5200 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 5200$ MHz; $\sigma = 5.197$ mho/m; $\epsilon_r = 48.349$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

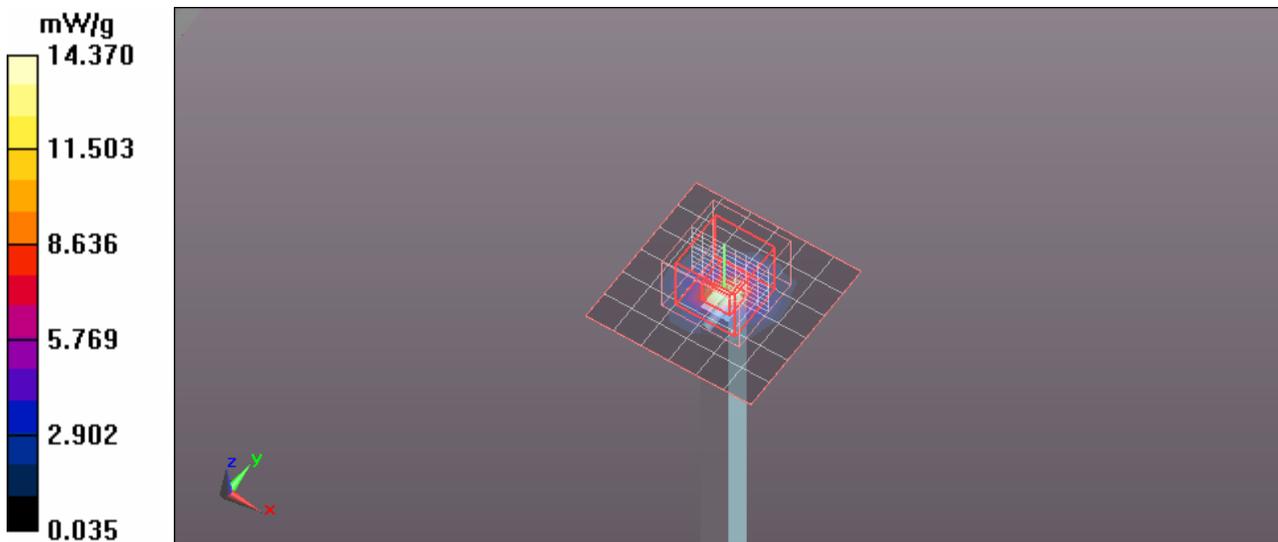
Room Ambient Temperature: 25.0 deg. C; Liquid Temperature: 24.0 deg. C

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(3.98, 3.98, 3.98); 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)

5.2G/Pin=100mW/Area Scan (7x7x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 14.370 mW/g

5.2G/Pin=100mW/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 56.232 V/m; Power Drift = -0.08 dB
Peak SAR (extrapolated) = 25.887 W/kg
SAR(1 g) = 7.8 mW/g; SAR(10 g) = 2.25 mW/g
Maximum value of SAR (measured) = 13.760 mW/g



Test Laboratory: UL CCS

System Check D5GHzV2_SN1075

DUT: Dipole D5GHzV2; Type: D5GHzV2; Serial: 1075

Communication System: CW; Frequency: 5500 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 5500$ MHz; $\sigma = 5.612$ mho/m; $\epsilon_r = 47.725$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

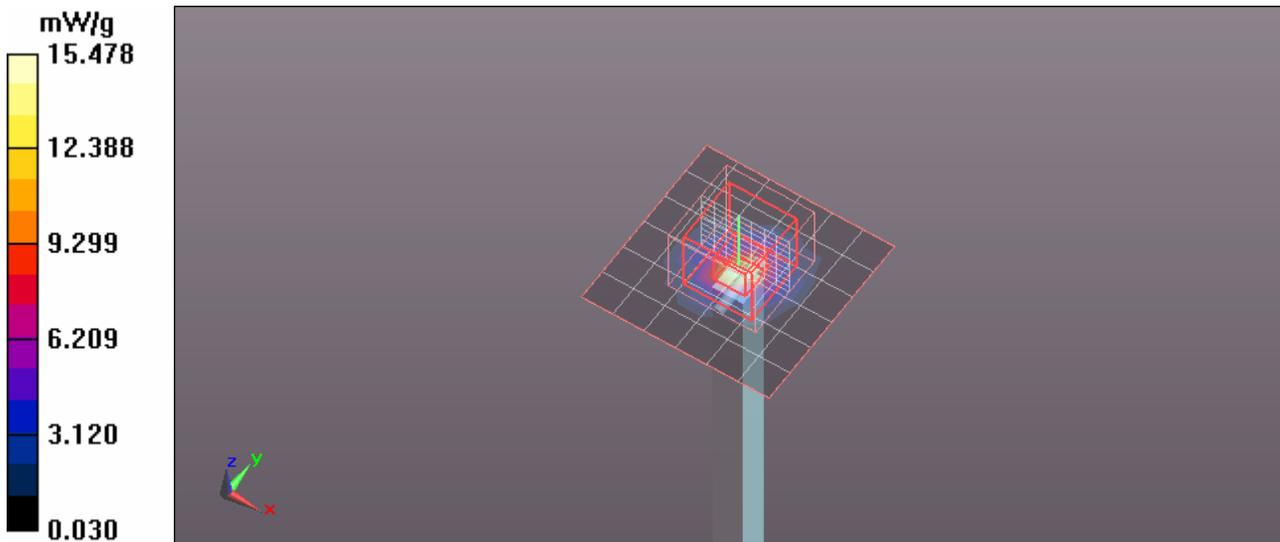
Room Ambient Temperature: 25.0 deg. C; Liquid Temperature: 24.0 deg. C

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(3.56, 3.56, 3.56); 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)

5.5G/Pin=100mW/Area Scan (7x7x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 15.478 mW/g

5.5G/Pin=100mW/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 56.759 V/m; Power Drift = -0.00012 dB
Peak SAR (extrapolated) = 28.222 W/kg
SAR(1 g) = 8.27 mW/g; SAR(10 g) = 2.36 mW/g
Maximum value of SAR (measured) = 14.614 mW/g



Test Laboratory: UL CCS

System Check D5GHzV2_SN1075

DUT: Dipole D5GHzV2; Type: D5GHzV2; Serial: 1075

Communication System: CW; Frequency: 5800 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 5800$ MHz; $\sigma = 6.042$ mho/m; $\epsilon_r = 47.132$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

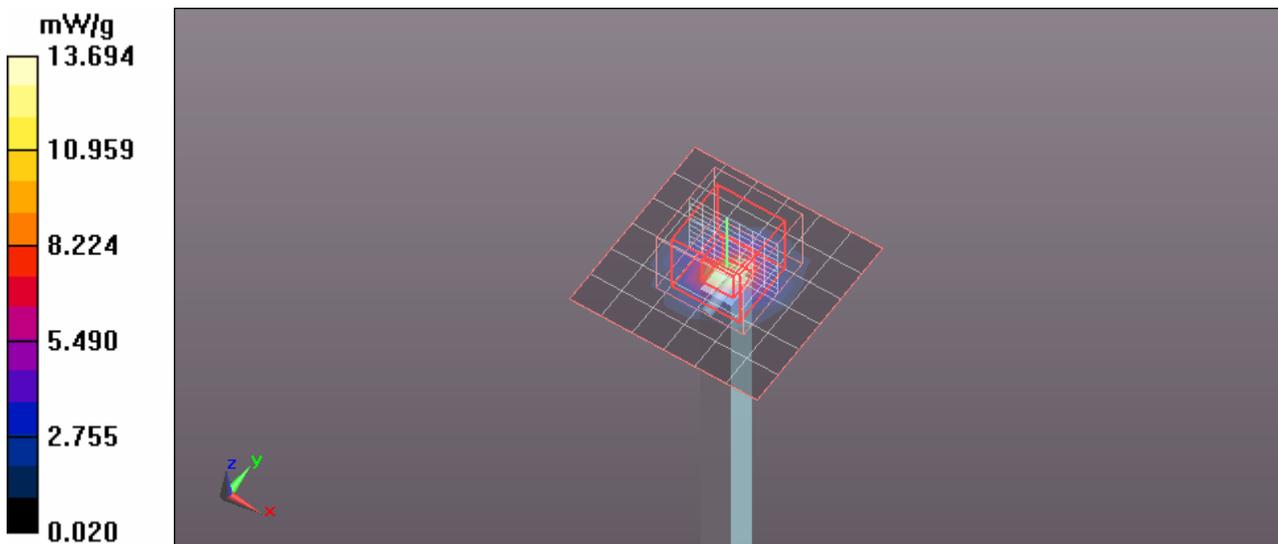
Room Ambient Temperature: 25.0 deg. C; Liquid Temperature: 24.0 deg. C

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(3.7, 3.7, 3.7); 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)

5.8G/Pin=100mW/Area Scan (7x7x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 13.694 mW/g

5.8G/Pin=100mW/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 51.672 V/m; Power Drift = -0.32 dB
Peak SAR (extrapolated) = 26.344 W/kg
SAR(1 g) = 7.17 mW/g; SAR(10 g) = 2.02 mW/g
Maximum value of SAR (measured) = 13.019 mW/g



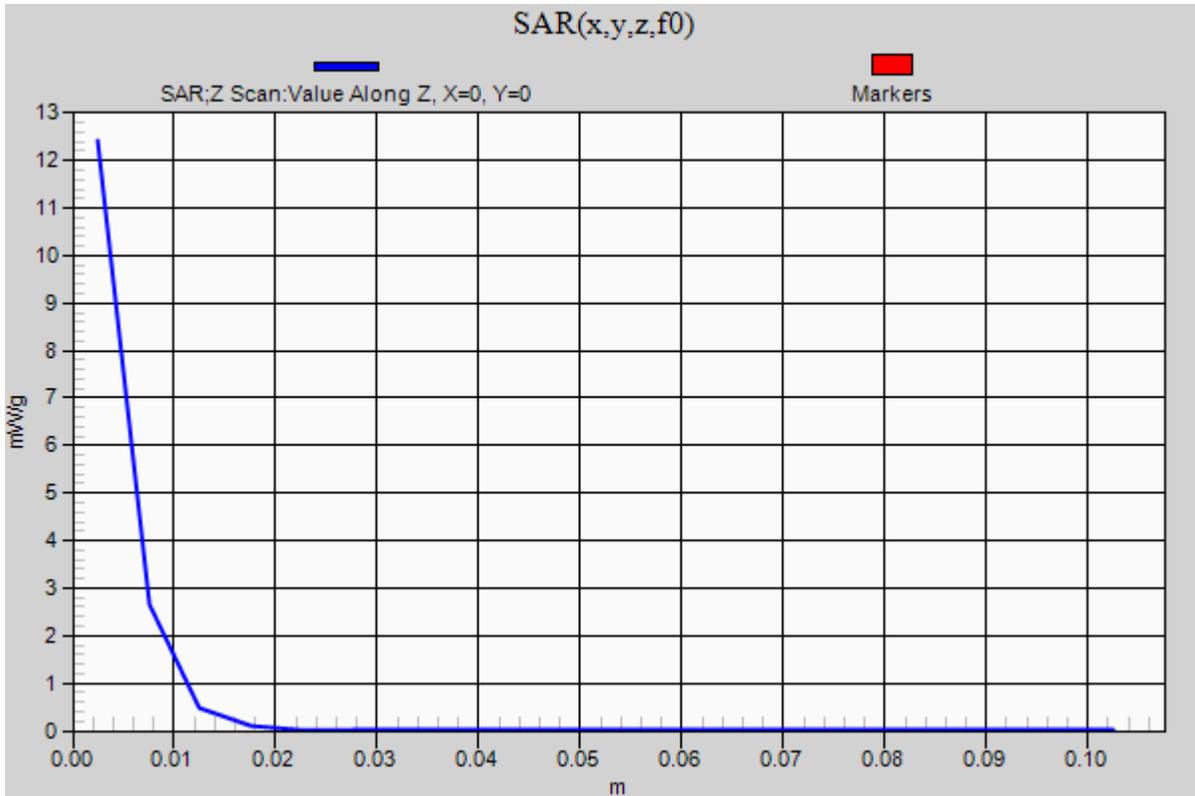
Test Laboratory: UL CCS

System Check D5GHzV2_SN1075

DUT: Dipole D5GHzV2; Type: D5GHzV2; Serial: 1075

Communication System: CW; Frequency: 5800 MHz; Duty Cycle: 1:1

5.8G/Pin=100mW/Z Scan (1x1x21): Measurement grid: dx=20mm, dy=20mm, dz=5mm
Maximum value of SAR (measured) = 12.415 mW/g



Test Laboratory: UL CCS

System Check D5GHzV2_SN1075

DUT: Dipole D5GHzV2; Type: D5GHzV2; Serial: 1075

Communication System: CW; Frequency: 5200 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 5200$ MHz; $\sigma = 5.205$ mho/m; $\epsilon_r = 49.131$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

Room Ambient Temperature: 25.0 deg. C; Liquid Temperature: 24.0 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(3.98, 3.98, 3.98); 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)

5.2G/Pin=100mW/Area Scan (7x7x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 14.761 mW/g

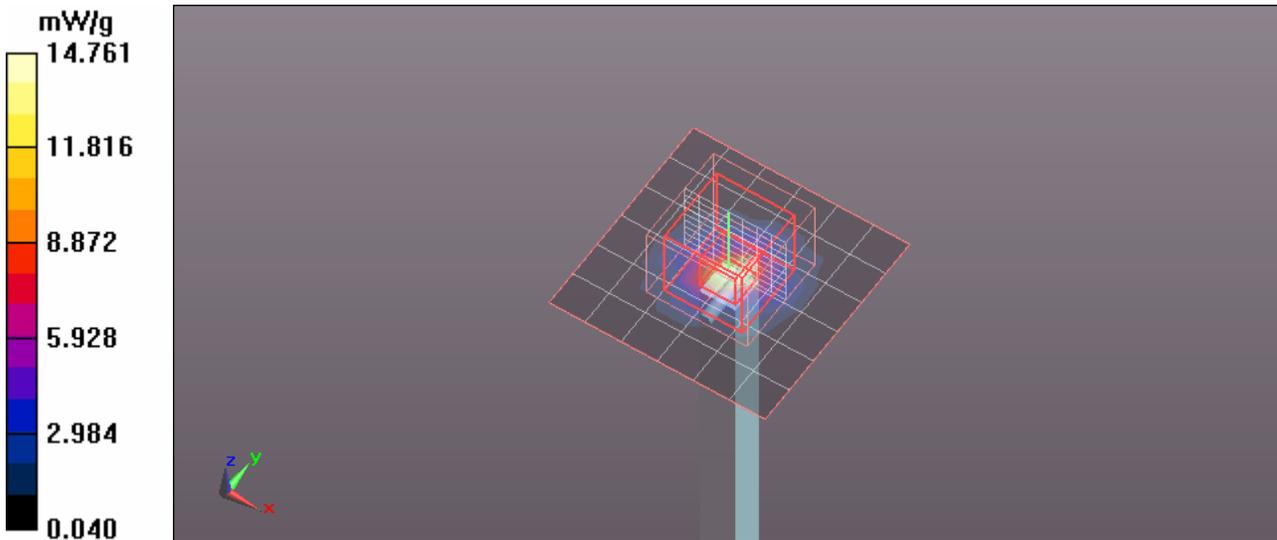
5.2G/Pin=100mW/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 57.391 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 26.788 W/kg

SAR(1 g) = 8.06 mW/g; SAR(10 g) = 2.33 mW/g

Maximum value of SAR (measured) = 14.331 mW/g



Test Laboratory: UL CCS

System Check D5GHzV2_SN1075

DUT: Dipole D5GHzV2; Type: D5GHzV2; Serial: 1075

Communication System: CW; Frequency: 5500 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 5500$ MHz; $\sigma = 5.621$ mho/m; $\epsilon_r = 48.515$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

Room Ambient Temperature: 25.0 deg. C; Liquid Temperature: 24.0 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(3.56, 3.56, 3.56); 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)

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

Maximum value of SAR (measured) = 15.332 mW/g

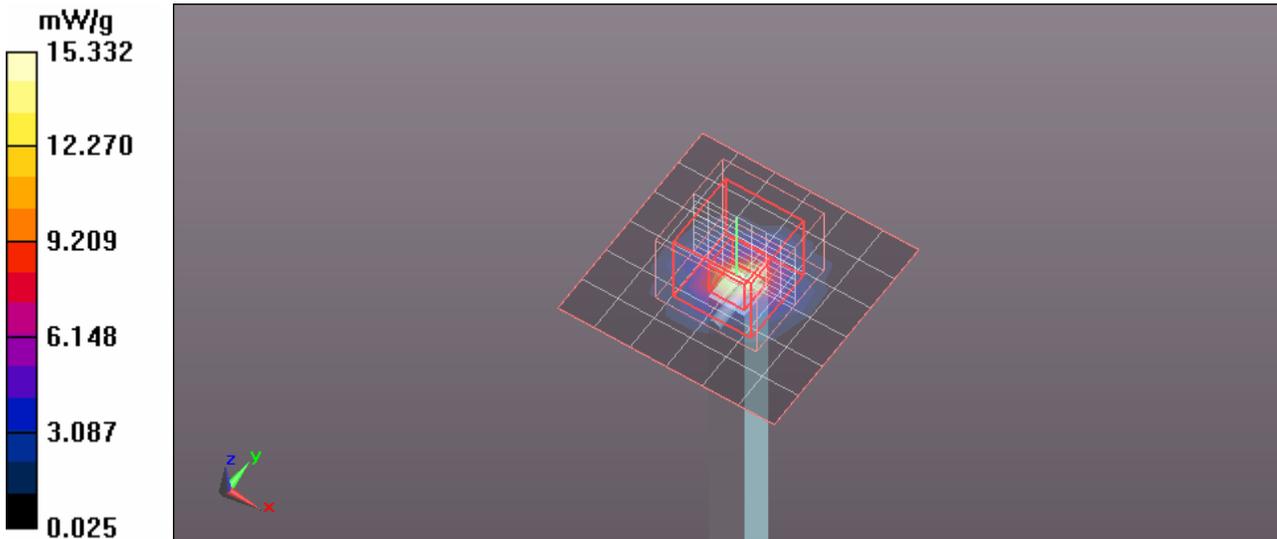
5.5G/Pin=100mW/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 56.583 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 28.679 W/kg

SAR(1 g) = 8.31 mW/g; SAR(10 g) = 2.36 mW/g

Maximum value of SAR (measured) = 15.017 mW/g



Test Laboratory: UL CCS

System Check D5GHzV2_SN1075

DUT: Dipole D5GHzV2; Type: D5GHzV2; Serial: 1075

Communication System: CW; Frequency: 5800 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 5800$ MHz; $\sigma = 6.046$ mho/m; $\epsilon_r = 47.946$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

Room Ambient Temperature: 25.0 deg. C; Liquid Temperature: 24.0 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(3.7, 3.7, 3.7); 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)

5.8G/Pin=100mW/Area Scan (7x7x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 14.076 mW/g

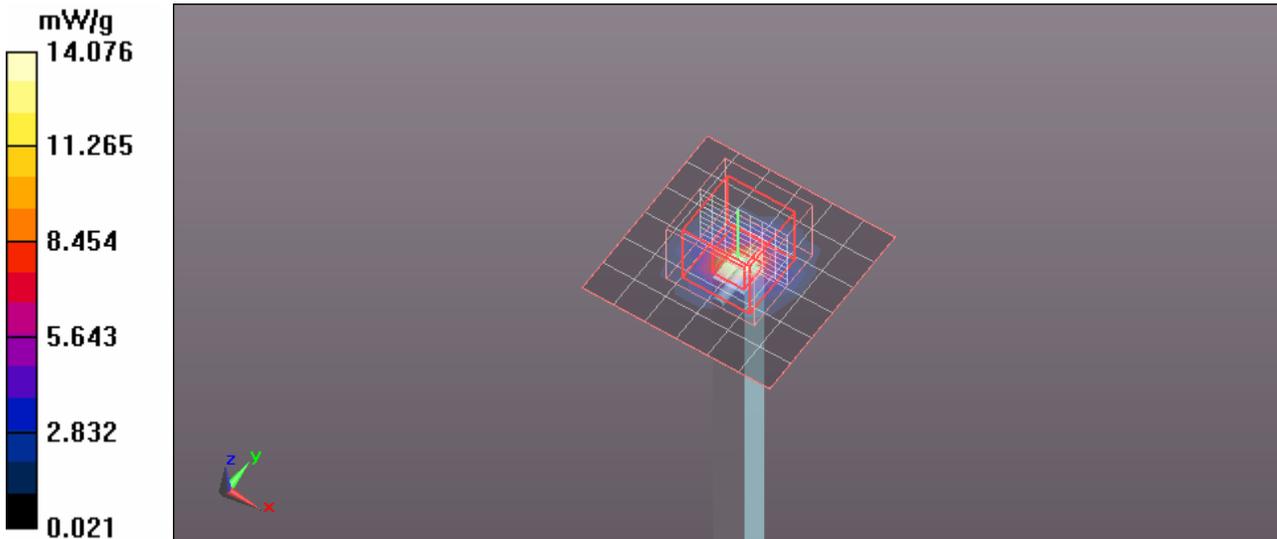
5.8G/Pin=100mW/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 52.084 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 27.380 W/kg

SAR(1 g) = 7.35 mW/g; SAR(10 g) = 2.08 mW/g

Maximum value of SAR (measured) = 13.587 mW/g



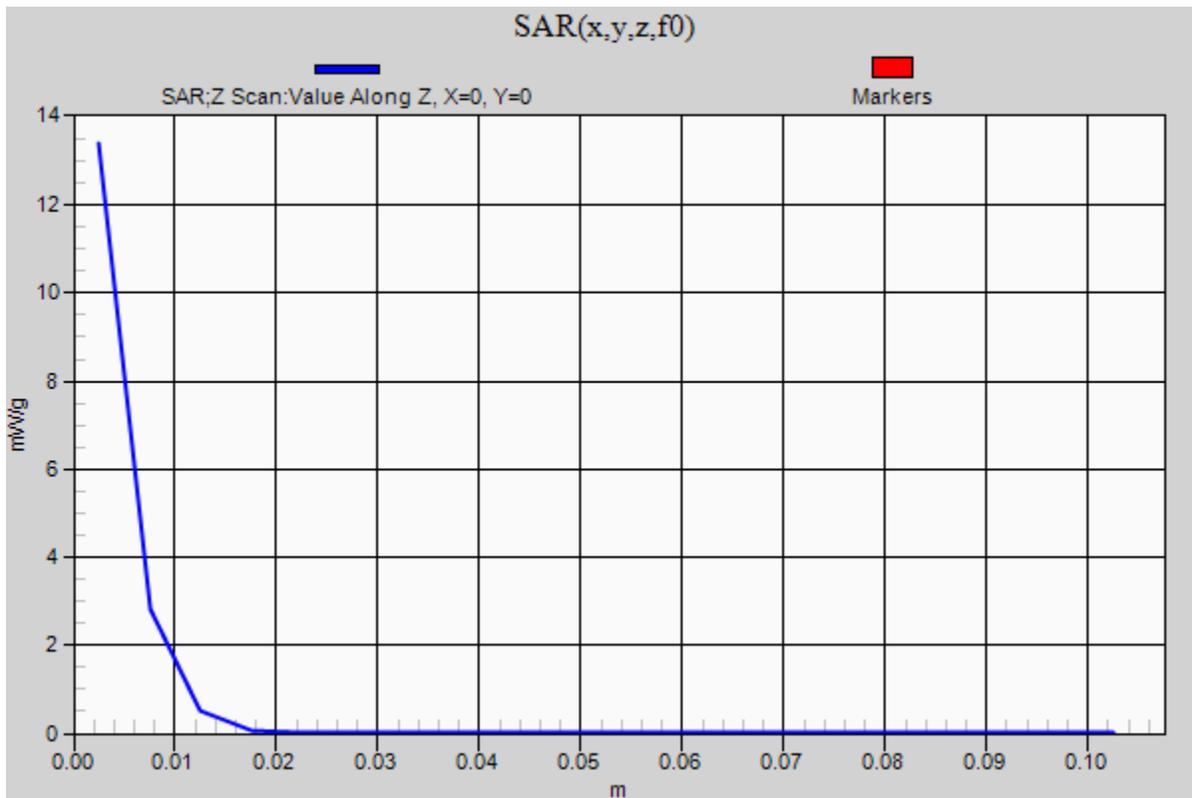
Test Laboratory: UL CCS

System Check D5GHzV2_SN1075

DUT: Dipole D5GHzV2; Type: D5GHzV2; Serial: 1075

Communication System: CW; Frequency: 5800 MHz; Duty Cycle: 1:1

5.8G/Pin=100mW/Z Scan (1x1x21): Measurement grid: dx=20mm, dy=20mm, dz=5mm
Maximum value of SAR (measured) = 13.395 mW/g



Test Laboratory: UL CCS

System Check D5GHzV2_SN1075

DUT: Dipole D5GHzV2; Type: D5GHzV2; Serial: 1075

Communication System: CW; Frequency: 5500 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5500$ MHz; $\sigma = 5.757$ mho/m; $\epsilon_r = 48.06$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Room Ambient Temperature: 25.0 deg. C; Liquid Temperature: 24.0 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(3.56, 3.56, 3.56); 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)

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

Maximum value of SAR (measured) = 15.751 mW/g

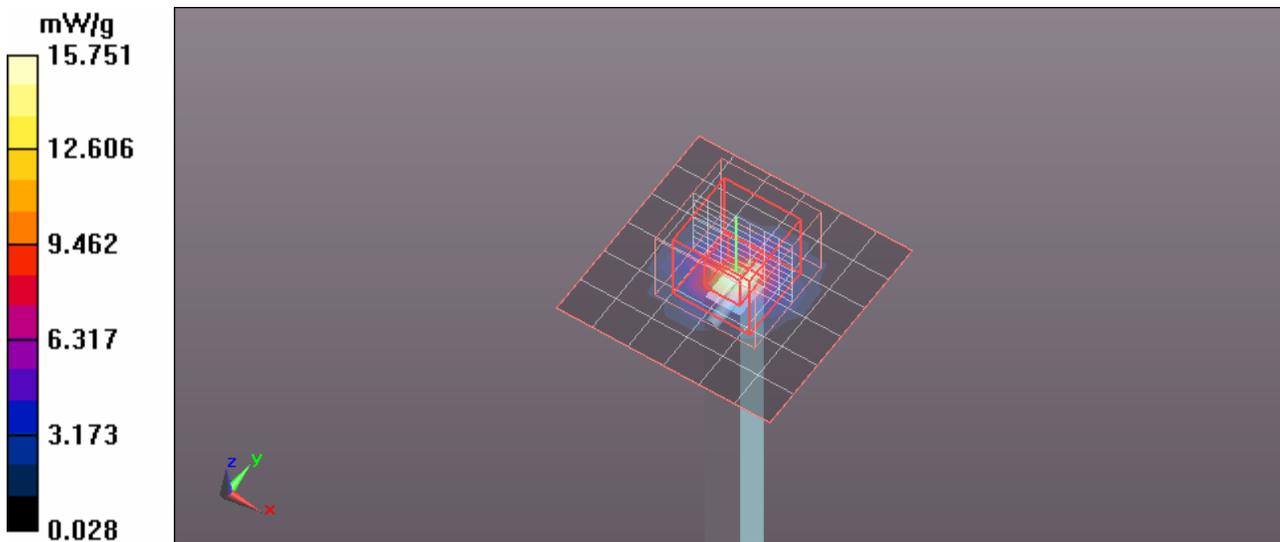
5.5G/Pin=100mW/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 56.790 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 29.124 W/kg

SAR(1 g) = 8.47 mW/g; SAR(10 g) = 2.41 mW/g

Maximum value of SAR (measured) = 15.522 mW/g



Test Laboratory: UL CCS

System Check D5GHzV2_SN1075

DUT: Dipole D5GHzV2; Type: D5GHzV2; Serial: 1075

Communication System: CW; Frequency: 5800 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 5800$ MHz; $\sigma = 6.2$ mho/m; $\epsilon_r = 47.458$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

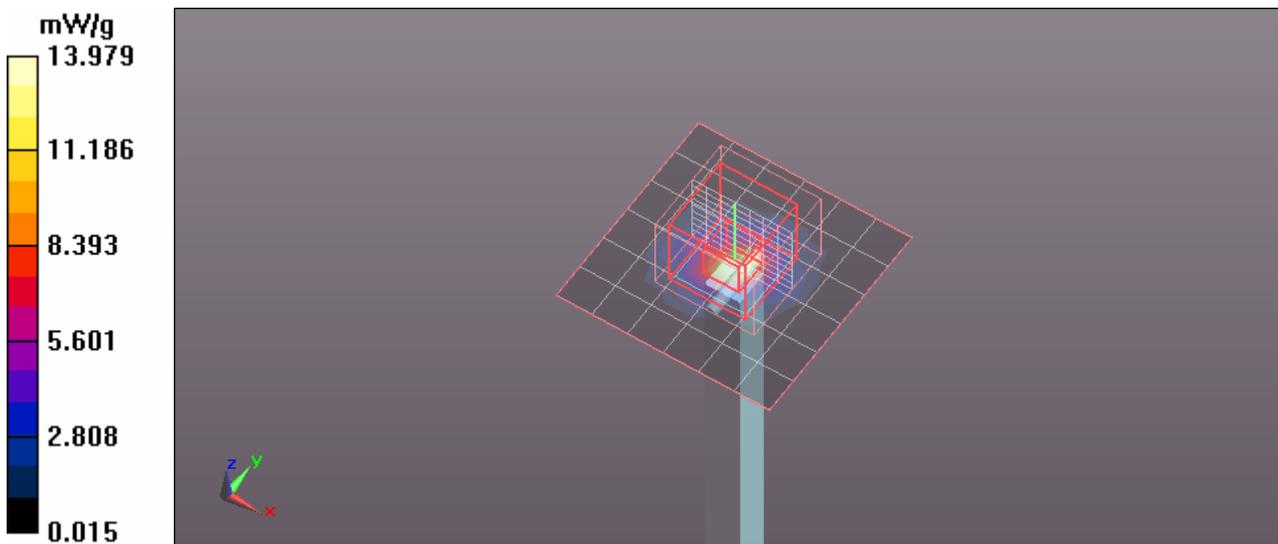
Room Ambient Temperature: 25.0 deg. C; Liquid Temperature: 24.0 deg. C

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(3.7, 3.7, 3.7); 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)

5.8G/Pin=100mW/Area Scan (7x7x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 13.979 mW/g

5.8G/Pin=100mW/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 52.026 V/m; Power Drift = -0.13 dB
Peak SAR (extrapolated) = 27.878 W/kg
SAR(1 g) = 7.67 mW/g; SAR(10 g) = 2.15 mW/g
Maximum value of SAR (measured) = 14.015 mW/g



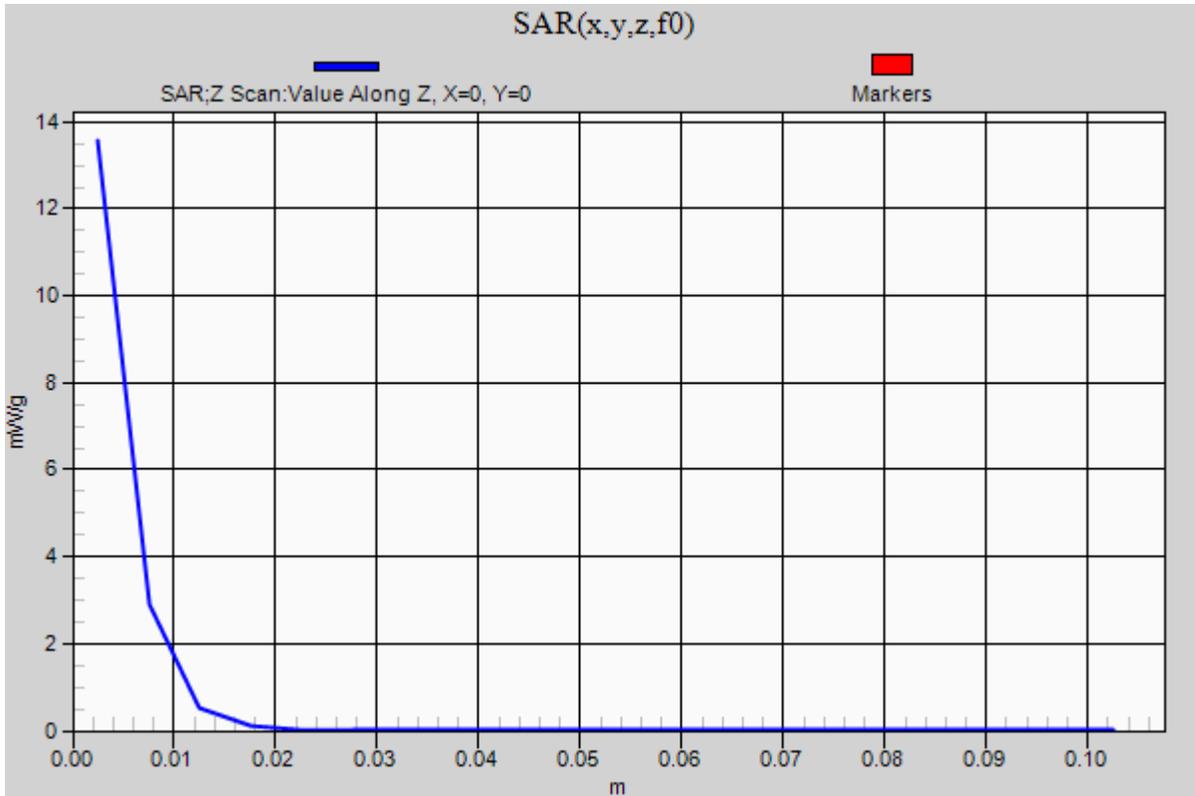
Test Laboratory: UL CCS

System Check D5GHzV2_SN1075

DUT: Dipole D5GHzV2; Type: D5GHzV2; Serial: 1075

Communication System: CW; Frequency: 5800 MHz; Duty Cycle: 1:1

5.8G/Pin=100mW/Z Scan (1x1x21): Measurement grid: dx=20mm, dy=20mm, dz=5mm
Maximum value of SAR (measured) = 13.563 mW/g



Test Laboratory: UL CCS

System Check D5GHzV2_SN1075

DUT: Dipole D5GHzV2; Type: D5GHzV2; Serial: 1075

Communication System: CW; Frequency: 5800 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 5800$ MHz; $\sigma = 6.168$ mho/m; $\epsilon_r = 47.689$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

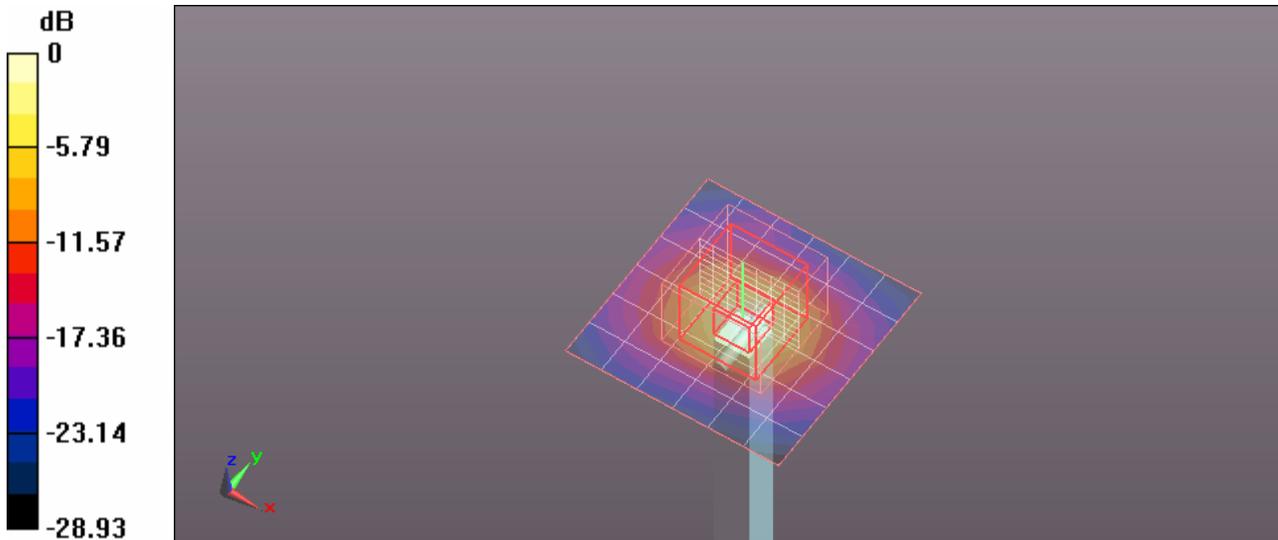
Room Ambient Temperature: 25.0 deg. C; Liquid Temperature: 24.0 deg. C

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(3.7, 3.7, 3.7); 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)

5.8G/Pin=100mW/Area Scan (7x7x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 14.021 mW/g

5.8G/Pin=100mW/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 51.865 V/m; Power Drift = -0.07 dB
Peak SAR (extrapolated) = 27.405 W/kg
SAR(1 g) = 7.52 mW/g; SAR(10 g) = 2.12 mW/g
Maximum value of SAR (measured) = 13.821 mW/g



0 dB = 13.820mW/g

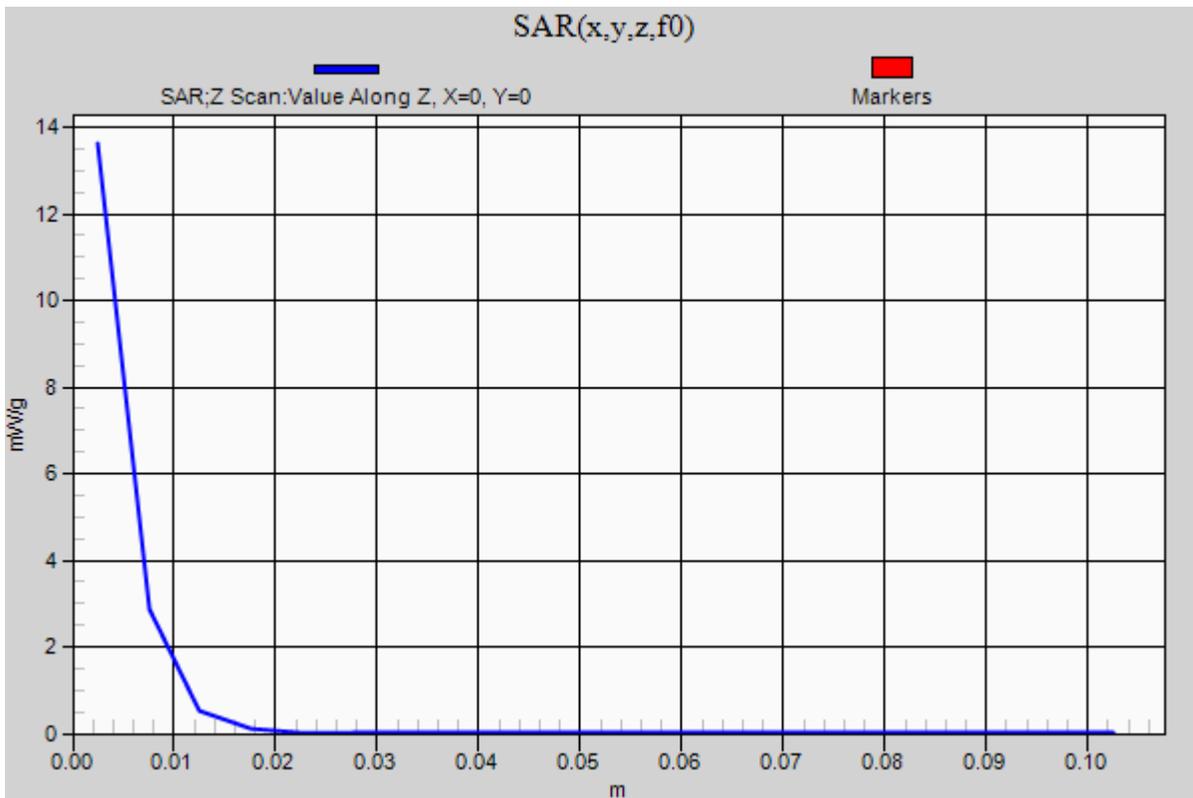
Test Laboratory: UL CCS

System Check D5GHzV2_SN1075

DUT: Dipole D5GHzV2; Type: D5GHzV2; Serial: 1075

Communication System: CW; Frequency: 5800 MHz; Duty Cycle: 1:1

5.8G/Pin=100mW/Z Scan (1x1x21): Measurement grid: dx=20mm, dy=20mm, dz=5mm
Maximum value of SAR (measured) = 13.624 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; $\sigma = 1.494$ mho/m; $\epsilon_r = 53.08$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

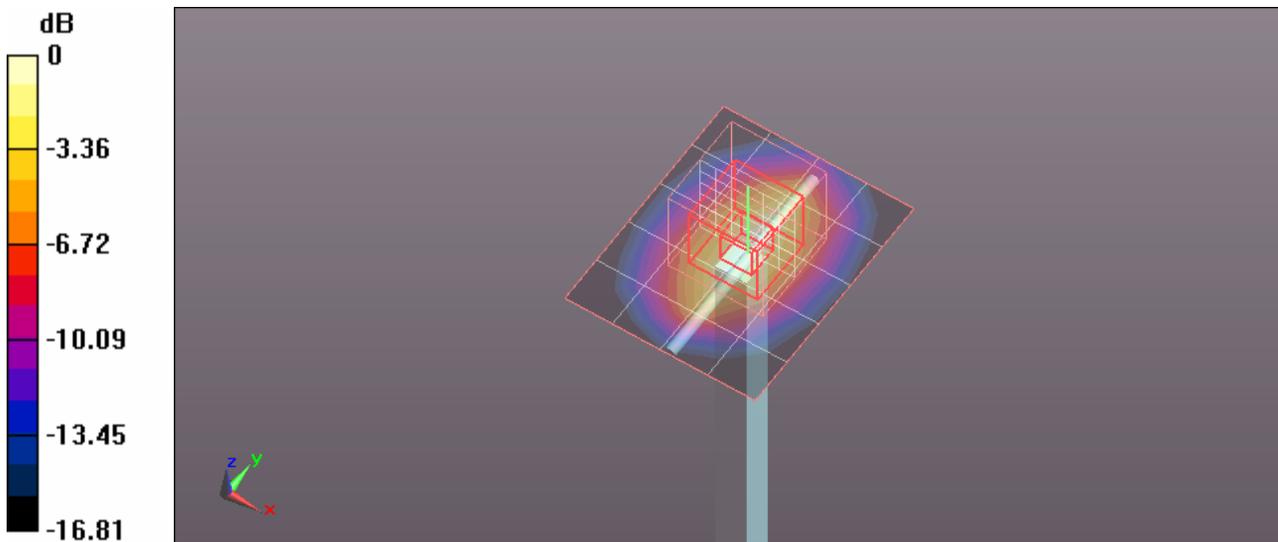
Room Ambient Temperature: 24.0 deg. C; Liquid Temperature: 23.0 deg. C

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) = 5.341 mW/g

D1900V2/Pin=100 mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 61.442 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 7.466 W/kg
SAR(1 g) = 4.14 mW/g; SAR(10 g) = 2.18 mW/g
Maximum value of SAR (measured) = 5.546 mW/g



0 dB = 5.550mW/g

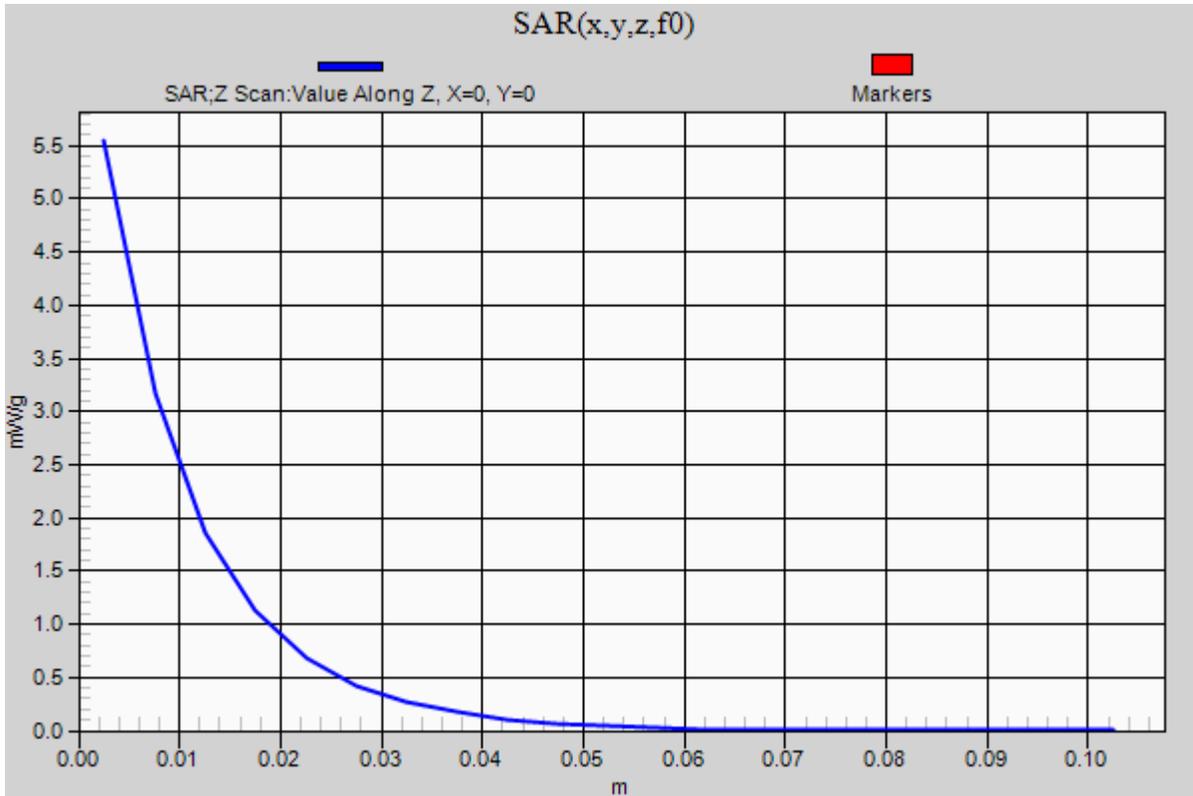
Test Laboratory: UL CCS

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) = 5.546 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; $\sigma = 0.987$ mho/m; $\epsilon_r = 54.329$; $\rho = 1000$ 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: 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)

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

Maximum value of SAR (measured) = 1.145 mW/g

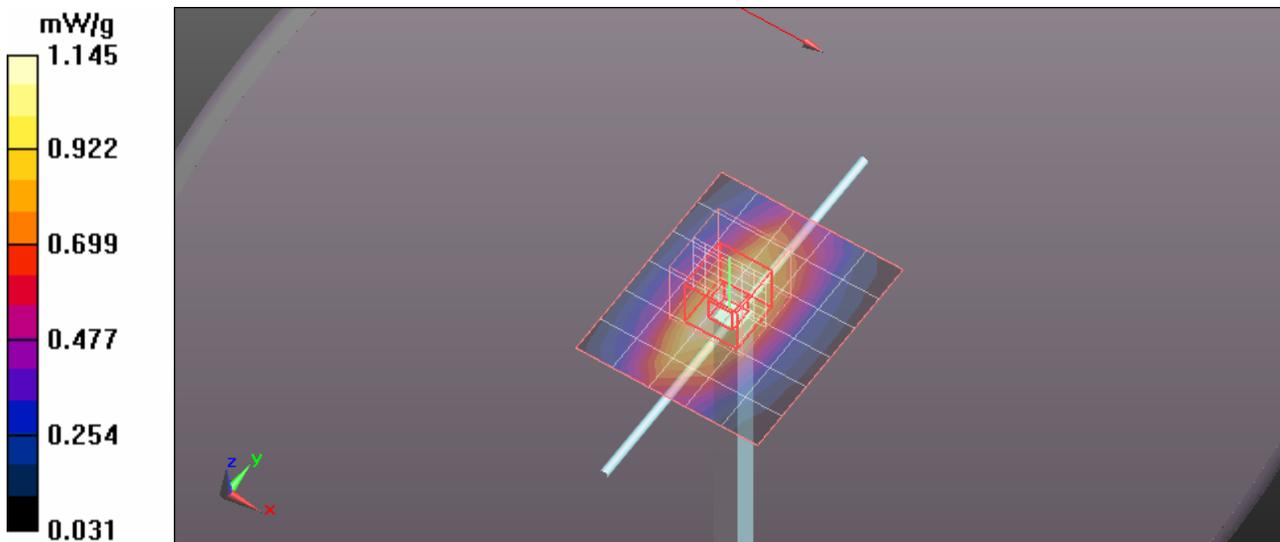
D835V2/Pin=100 mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 35.560 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 1.489 W/kg

SAR(1 g) = 0.992 mW/g; SAR(10 g) = 0.651 mW/g

Maximum value of SAR (measured) = 1.210 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) = 1.202 mW/g

