

Test Laboratory: UL CCS

System Check D5GHzV2 SN 1075

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

Communication System: CW; Frequency: 5200 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 5200$ MHz; $\sigma = 5.101$ mho/m; $\epsilon_r = 47.696$; $\rho = 1000$ 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)

D5GHzV2/Pin=100 mW/Area Scan 10x10 (91x91x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 12.842 mW/g

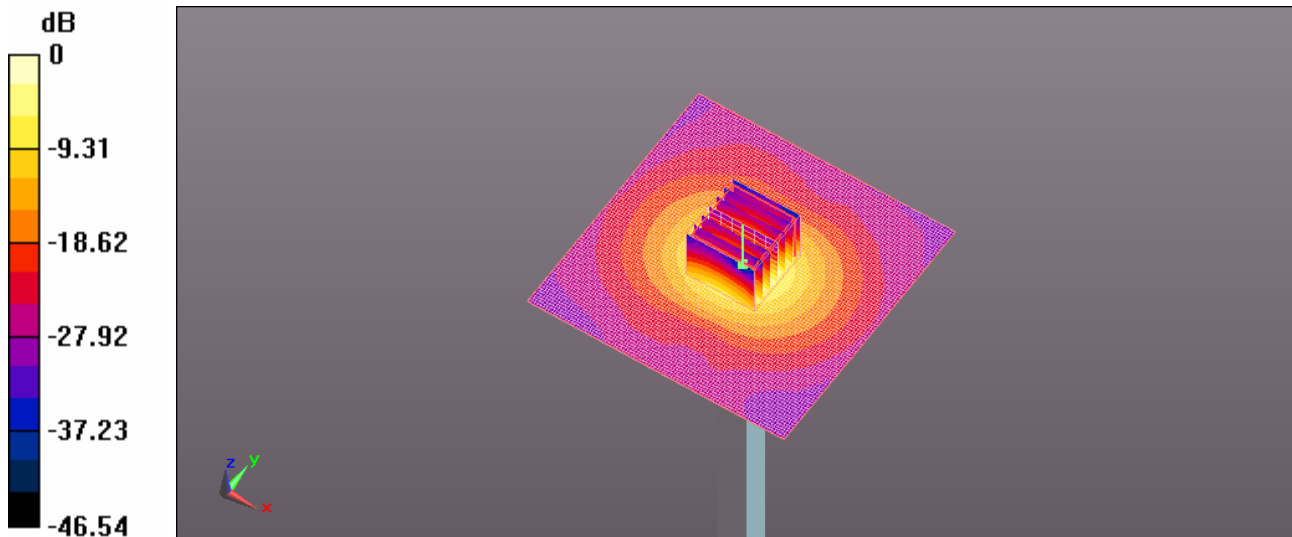
D5GHzV2/Pin=100 mW/Zoom Scan 7x7x9 (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 56.079 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 26.400 W/kg

SAR(1 g) = 7.46 mW/g; SAR(10 g) = 2.11 mW/g

Maximum value of SAR (measured) = 13.773 mW/g



0 dB = 13.770mW/g

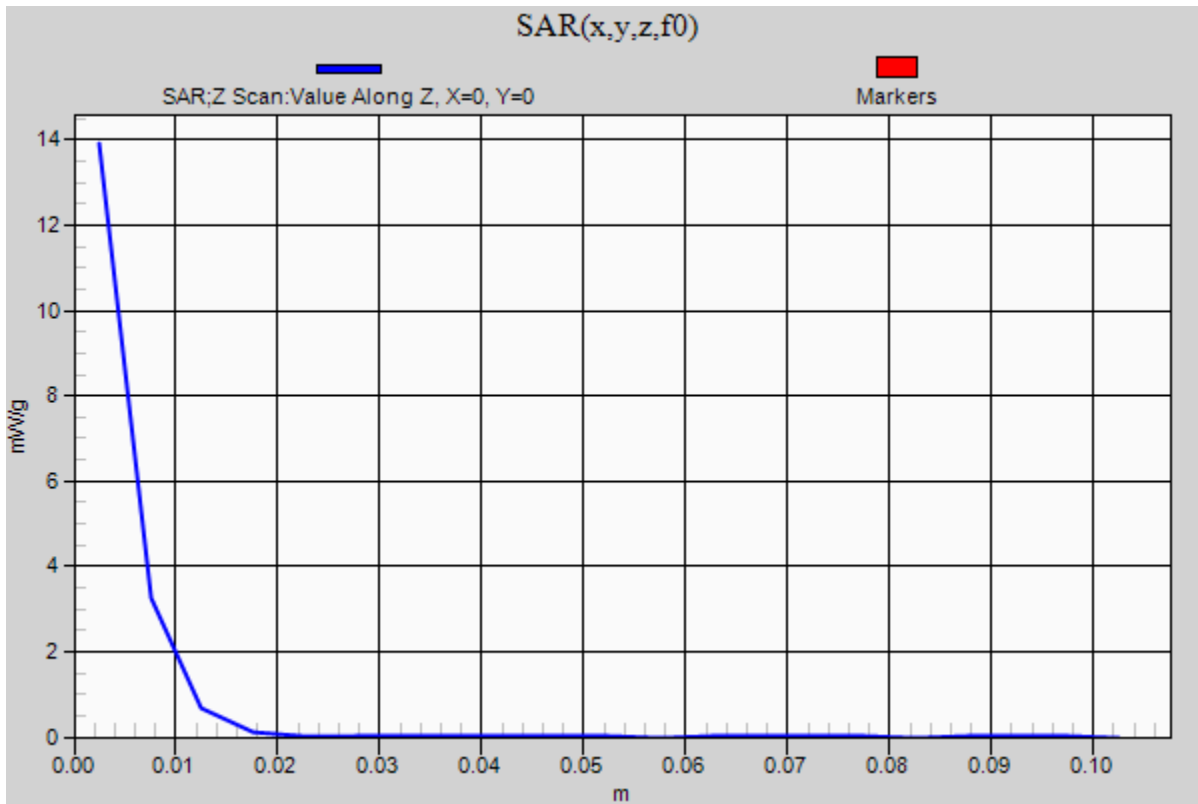
Test Laboratory: UL CCS

System Check D5GHzV2 SN 1075

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

Communication System: CW; Frequency: 5200 MHz;Duty Cycle: 1:1

D5GHzV2/Pin=100 mW/Z Scan (1x1x21): Measurement grid: dx=20mm, dy=20mm, dz=5mm
Maximum value of SAR (measured) = 13.913 mW/g



Test Laboratory: UL CCS

System Check D5GHzV2 SN 1075

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

Communication System: CW; Frequency: 5200 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 5200$ MHz; $\sigma = 5.131$ mho/m; $\epsilon_r = 49.716$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

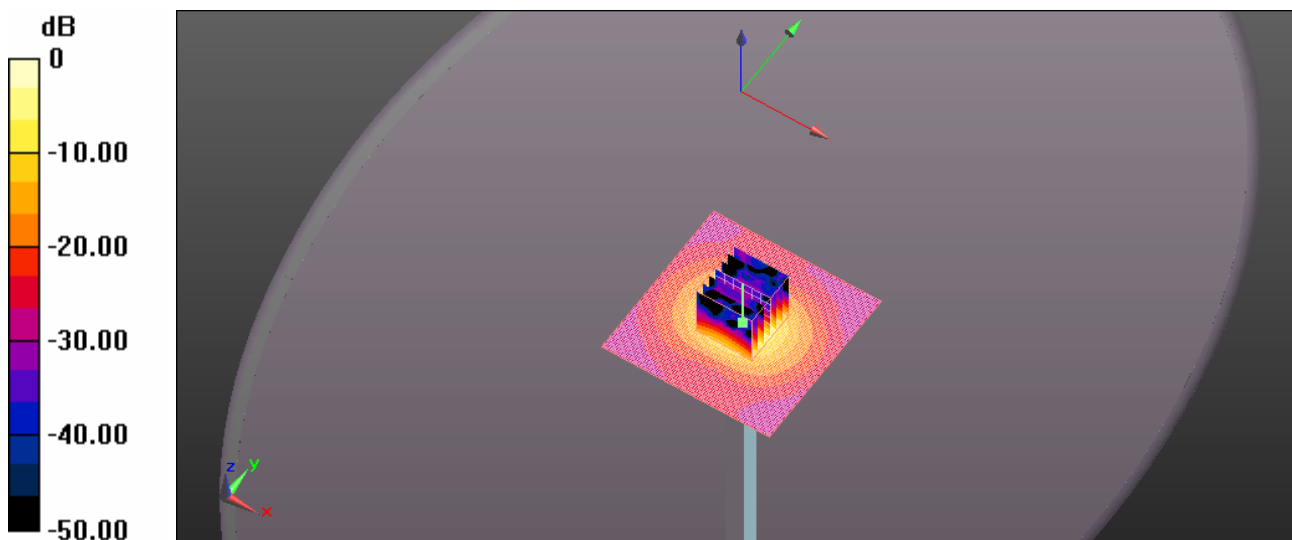
Room Ambient Temperature: 25.0 deg. C; Liquid Temperature: 24.0 deg. C

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)

D5GHzV2/Pin=100mW_5.2G/Area Scan (91x91x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 13.055 mW/g

D5GHzV2/Pin=100mW_5.2G/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 56.204 V/m; Power Drift = -0.0083 dB
Peak SAR (extrapolated) = 32.874 W/kg
SAR(1 g) = 7.91 mW/g; SAR(10 g) = 2.22 mW/g
Maximum value of SAR (measured) = 14.130 mW/g



0 dB = 14.130mW/g

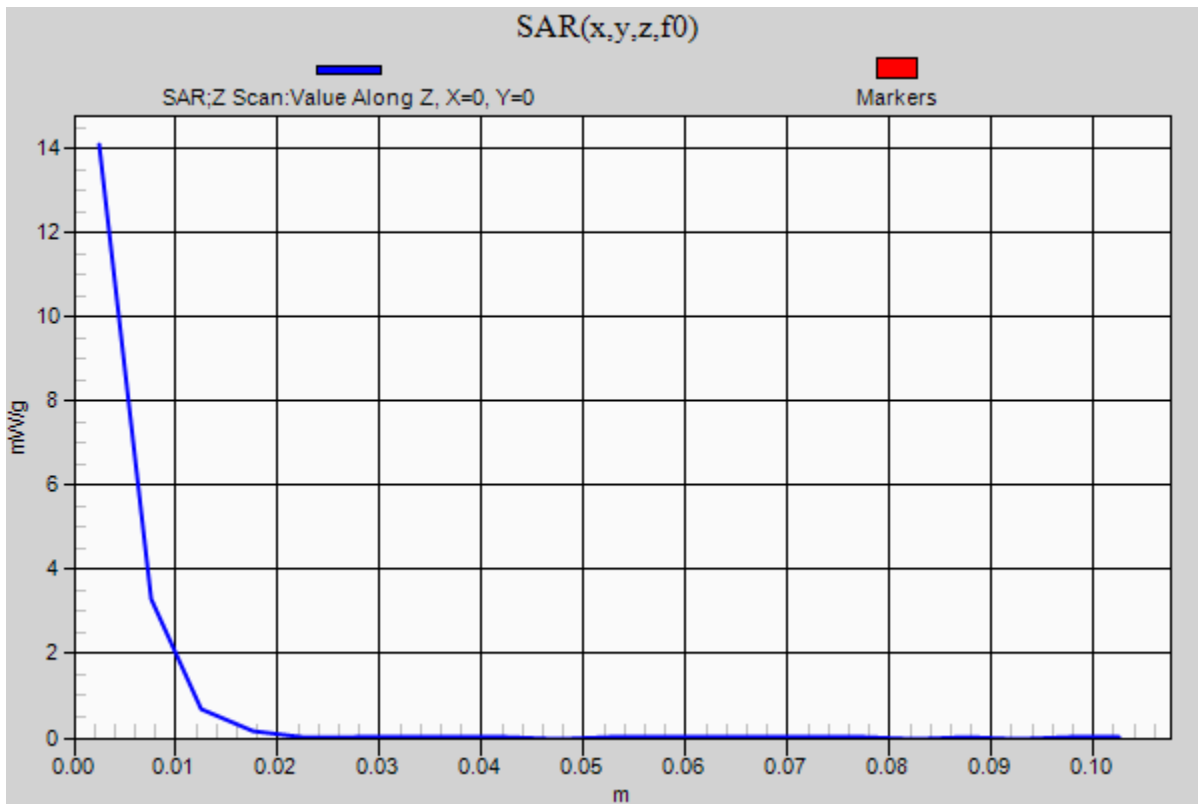
Test Laboratory: UL CCS

System Check D5GHzV2 SN 1075

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

Communication System: CW; Frequency: 5200 MHz;Duty Cycle: 1:1

D5GHzV2/Pin=100mW_5.2G/Z Scan (1x1x21): Measurement grid: dx=20mm, dy=20mm, dz=5mm
Maximum value of SAR (measured) = 14.098 mW/g



Test Laboratory: UL CCS

System Check D5GHzV2 SN 1075

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

Communication System: CW; Frequency: 5500 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 5500$ MHz; $\sigma = 5.512$ mho/m; $\epsilon_r = 49.088$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

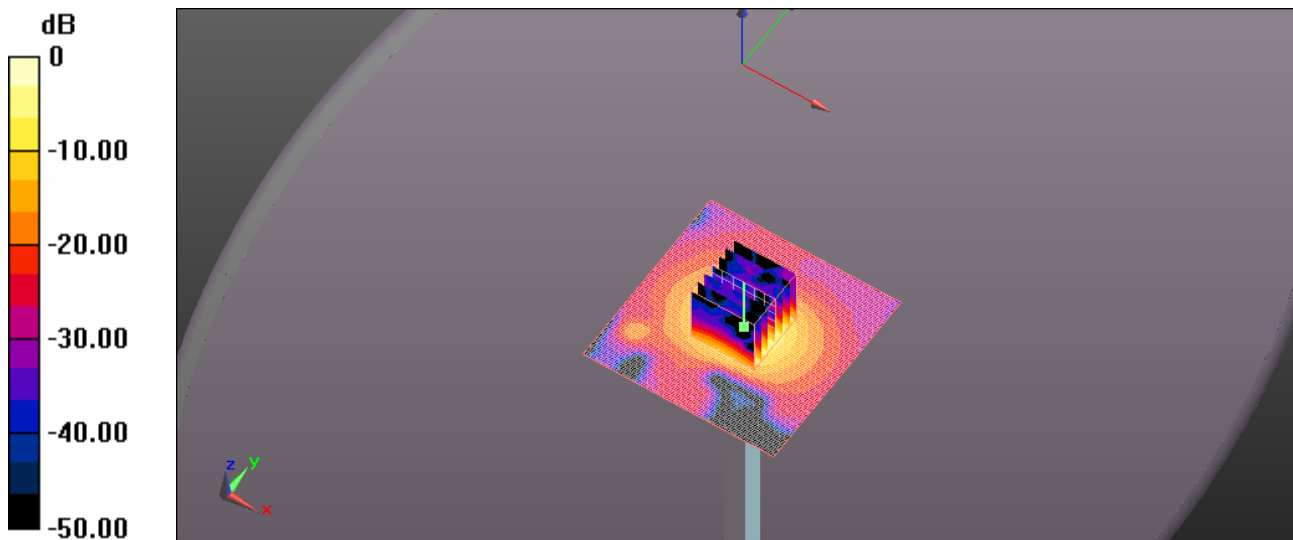
Room Ambient Temperature: 25.0 deg. C; Liquid Temperature: 24.0 deg. C

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)

D5GHzV2/Pin=100mW_5.5G/Area Scan (91x91x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 13.835 mW/g

D5GHzV2/Pin=100mW_5.5G/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 56.135 V/m; Power Drift = 0.006 dB
Peak SAR (extrapolated) = 38.549 W/kg
SAR(1 g) = 8.59 mW/g; SAR(10 g) = 2.37 mW/g
Maximum value of SAR (measured) = 15.267 mW/g



0 dB = 15.270mW/g

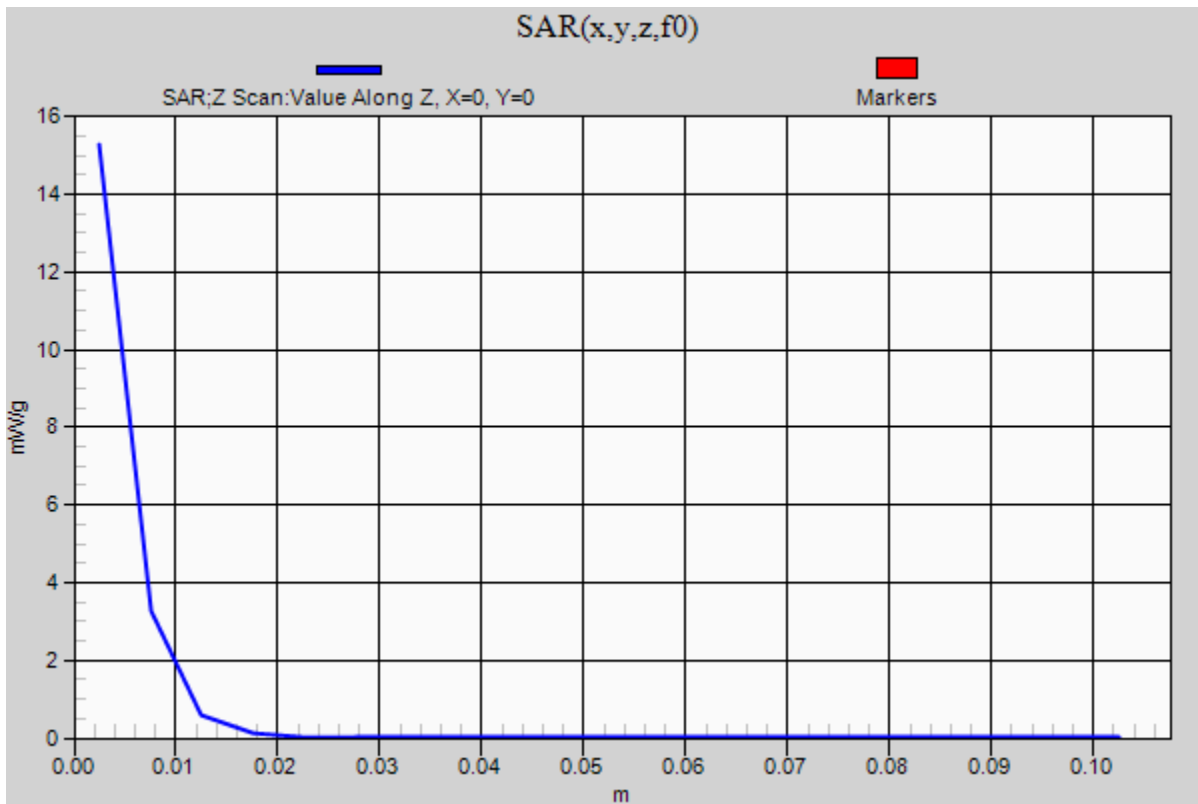
Test Laboratory: UL CCS

System Check D5GHzV2 SN 1075

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

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

D5GHzV2/Pin=100mW_5.5G/Z Scan (1x1x21): Measurement grid: dx=20mm, dy=20mm, dz=5mm
Maximum value of SAR (measured) = 15.272 mW/g



Test Laboratory: UL CCS

System Check D5GHzV2 SN 1075

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

Communication System: CW; Frequency: 5800 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 5800$ MHz; $\sigma = 5.952$ mho/m; $\epsilon_r = 48.665$; $\rho = 1000$ 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)

D5GHzV2/Pin=100mW_5.8G/Area Scan (91x91x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 12.227 mW/g

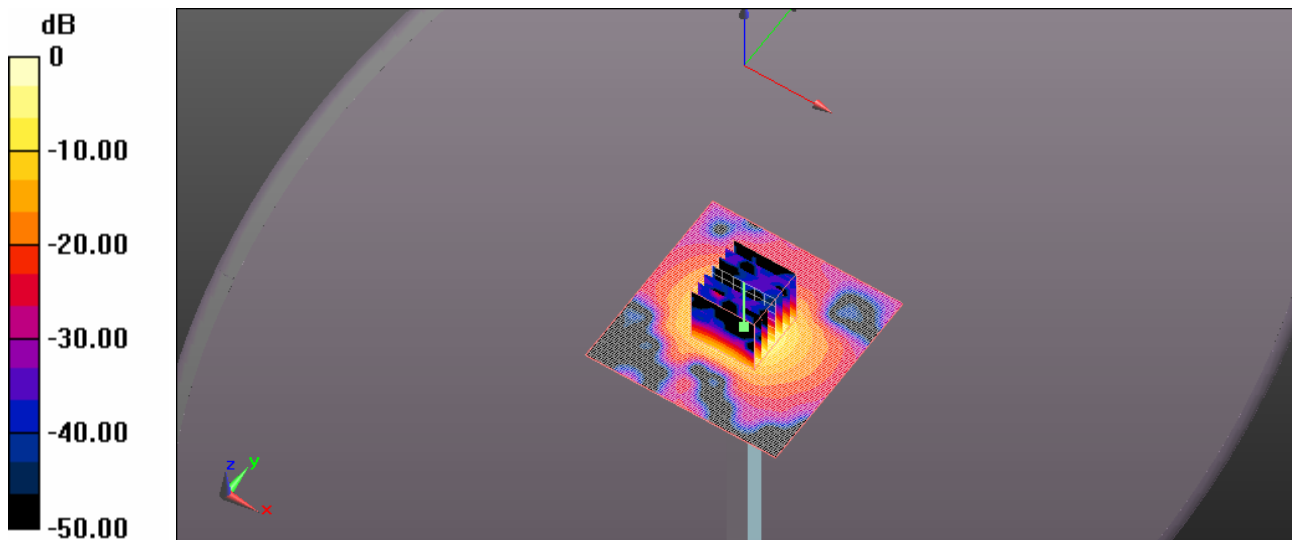
D5GHzV2/Pin=100mW_5.8G/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 50.766 V/m; Power Drift = 0.0045 dB

Peak SAR (extrapolated) = 37.665 W/kg

SAR(1 g) = 7.66 mW/g; SAR(10 g) = 2.1 mW/g

Maximum value of SAR (measured) = 13.496 mW/g



0 dB = 13.500mW/g

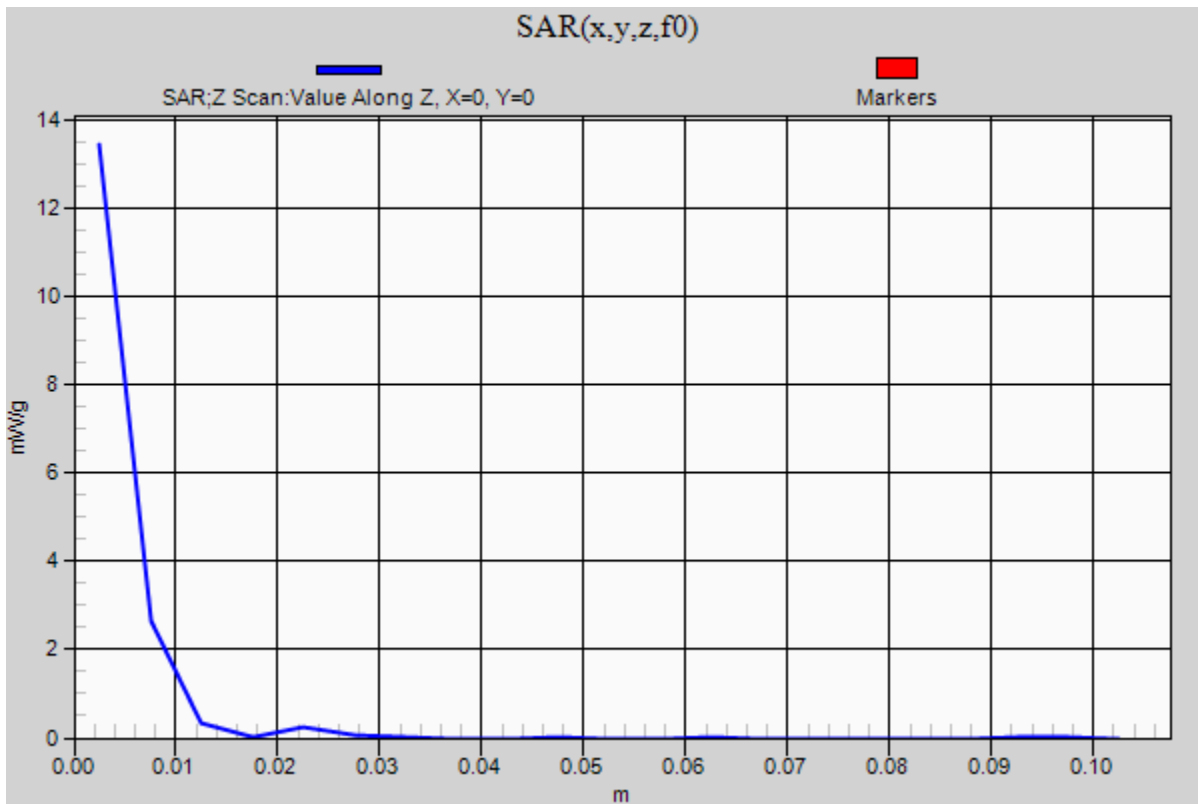
Test Laboratory: UL CCS

System Check D5GHzV2 SN 1075

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

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

D5GHzV2/Pin=100mW_5.8G/Z Scan (1x1x21): Measurement grid: dx=20mm, dy=20mm, dz=5mm
Maximum value of SAR (measured) = 13.432 mW/g



Test Laboratory: UL CCS

System Check D5GHzV2_SN 1075

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

Communication System: CW; Frequency: 5200 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 5200$ MHz; $\sigma = 5.233$ mho/m; $\epsilon_r = 48.093$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

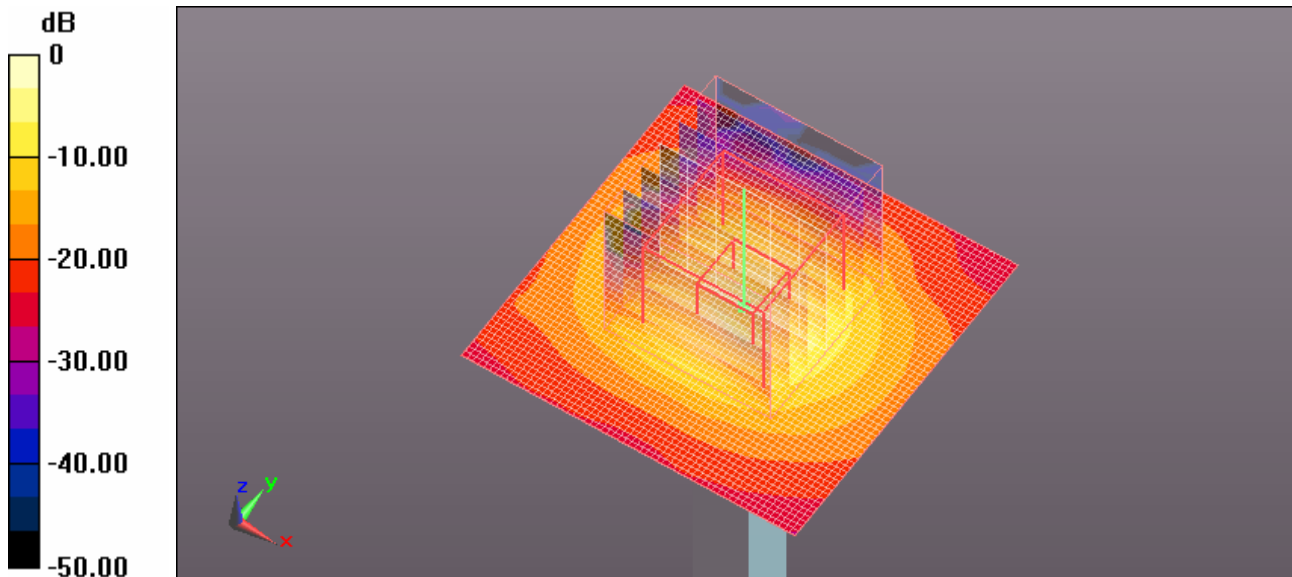
Room Ambient Temperature: 25.0 deg. C; Liquid Temperature: 24.0 deg. C

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 (61x61x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 13.761 mW/g

5.2G/Pin=100mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 55.380 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 33.618 W/kg
SAR(1 g) = 7.92 mW/g; SAR(10 g) = 2.23 mW/g
Maximum value of SAR (measured) = 14.009 mW/g



0 dB = 14.010mW/g

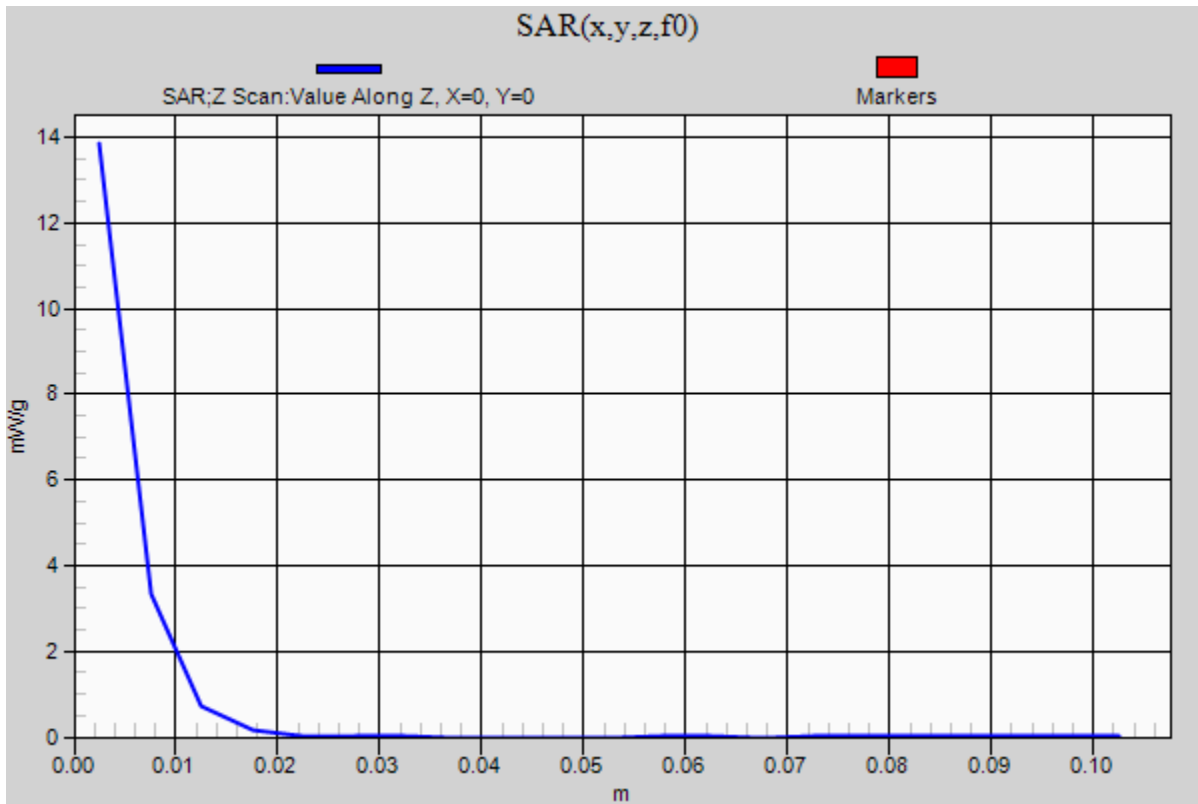
Test Laboratory: UL CCS

System Check D5GHzV2_SN 1075

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

Communication System: CW; Frequency: 5200 MHz;Duty Cycle: 1:1

5.2G/Pin=100mW/Z Scan (1x1x21): Measurement grid: dx=20mm, dy=20mm, dz=5mm
Maximum value of SAR (measured) = 13.848 mW/g



Test Laboratory: UL CCS

System Check D5GHzV2_SN 1075

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

Communication System: CW; Frequency: 5500 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 5500$ MHz; $\sigma = 5.645$ mho/m; $\epsilon_r = 47.514$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

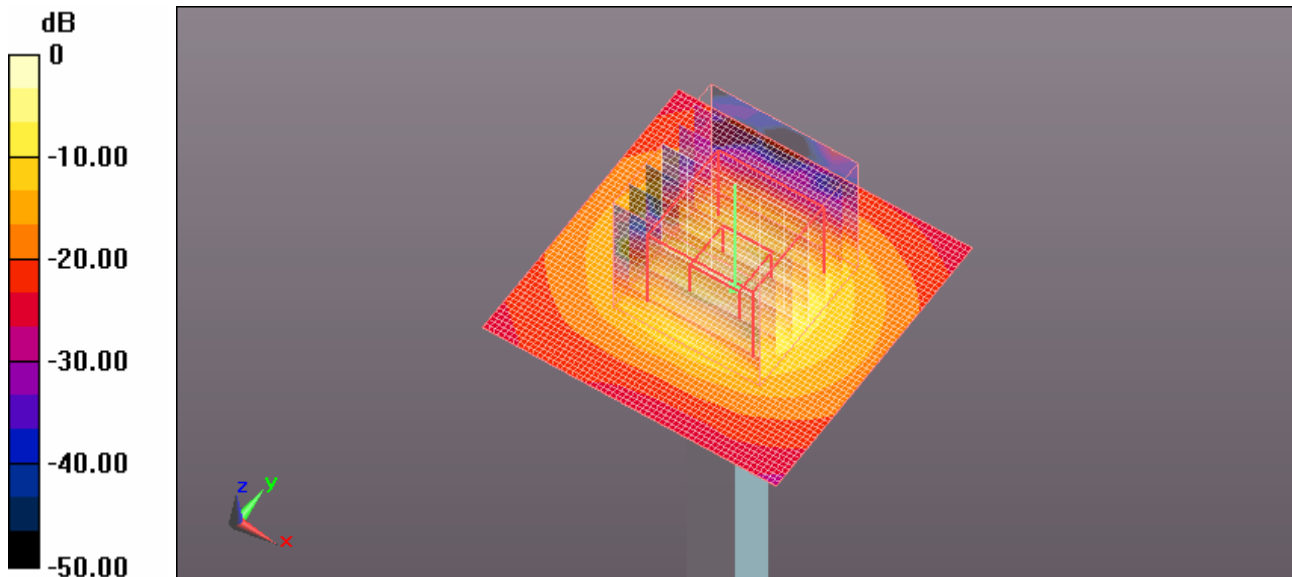
Room Ambient Temperature: 25.0 deg. C; Liquid Temperature: 24.0 deg. C

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 (61x61x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 14.461 mW/g

5.5G/Pin=100mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 55.029 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 36.032 W/kg
SAR(1 g) = 8.25 mW/g; SAR(10 g) = 2.29 mW/g
Maximum value of SAR (measured) = 14.791 mW/g



0 dB = 14.790mW/g

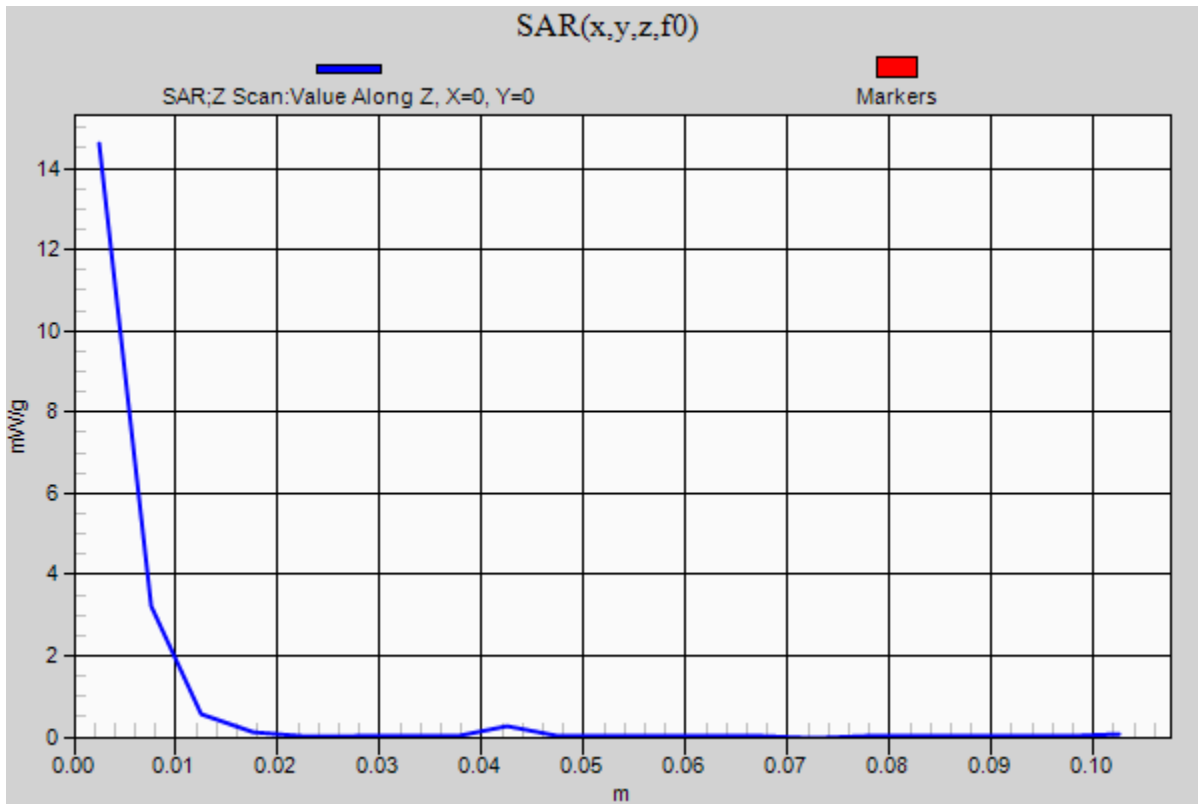
Test Laboratory: UL CCS

System Check D5GHzV2_SN 1075

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

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

5.5G/Pin=100mW/Z Scan (1x1x21): Measurement grid: dx=20mm, dy=20mm, dz=5mm
Maximum value of SAR (measured) = 14.605 mW/g



Test Laboratory: UL CCS

System Check D5GHzV2_SN 1075

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

Communication System: CW; Frequency: 5200 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 5200$ MHz; $\sigma = 5.165$ mho/m; $\epsilon_r = 47.979$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

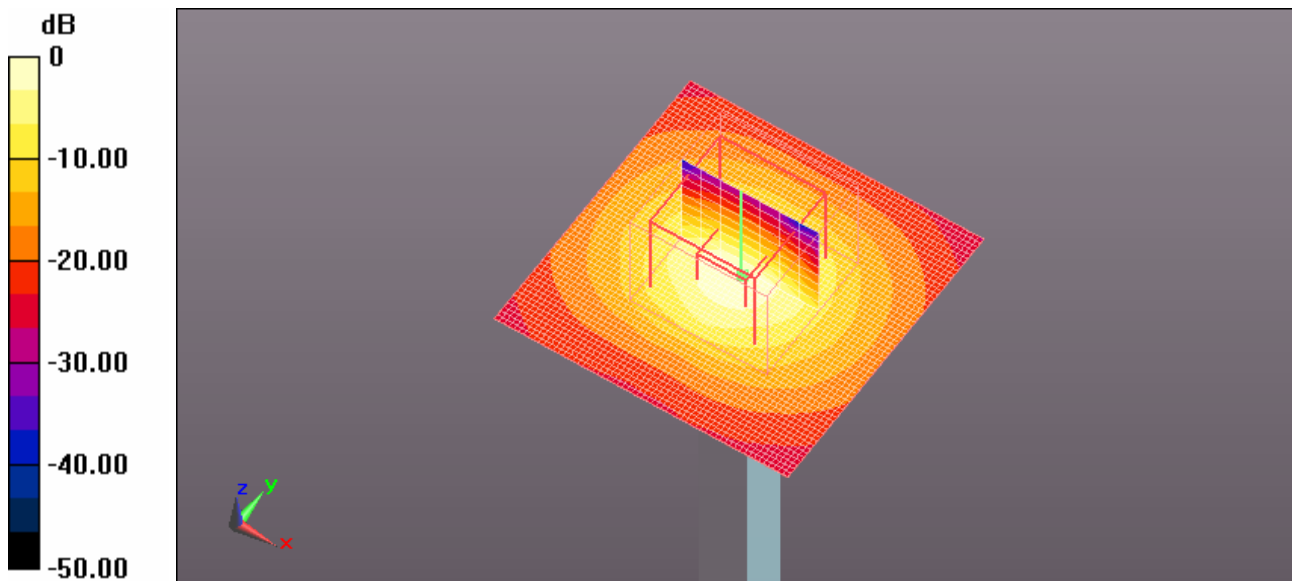
Room Ambient Temperature: 25.0 deg. C; Liquid Temperature: 24.0 deg. C

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 (61x61x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 14.065 mW/g

5.2G/Pin=100mW/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 56.248 V/m; Power Drift = -0.11 dB
Peak SAR (extrapolated) = 25.512 W/kg
SAR(1 g) = 7.72 mW/g; SAR(10 g) = 2.21 mW/g
Maximum value of SAR (measured) = 13.847 mW/g



0 dB = 13.850mW/g

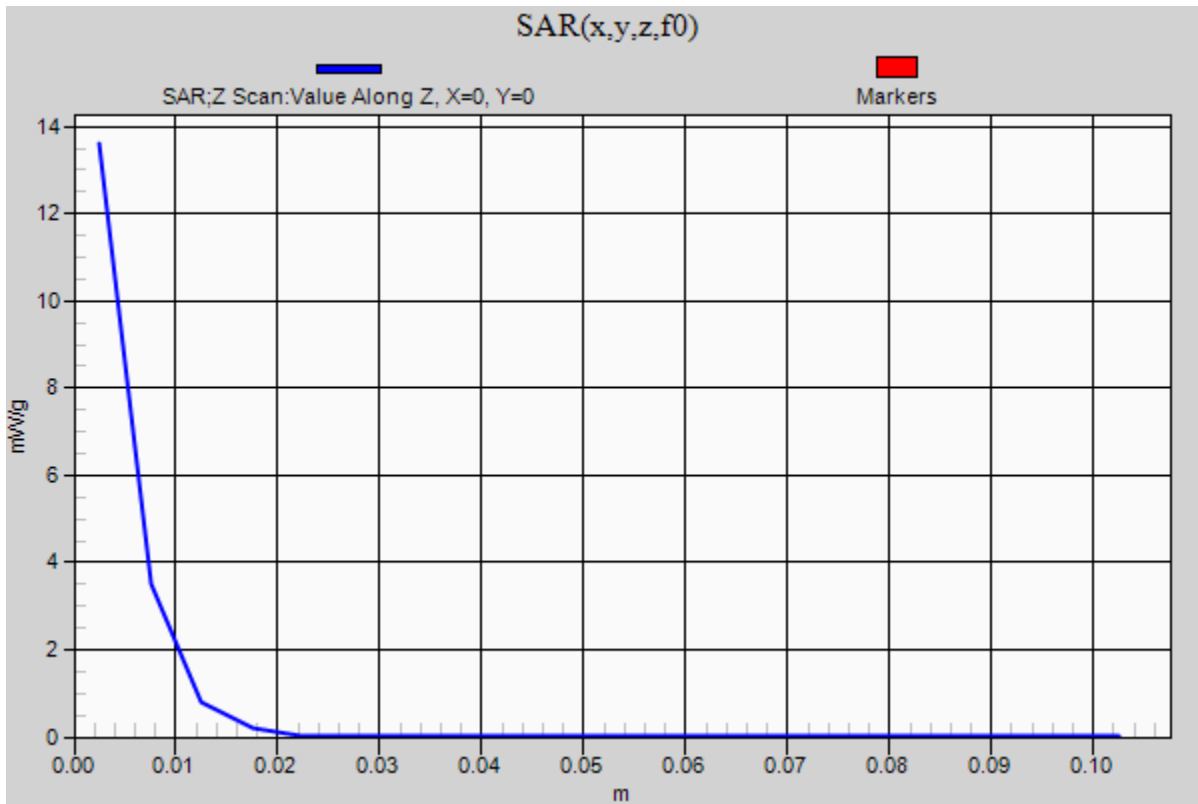
Test Laboratory: UL CCS

System Check D5GHzV2_SN 1075

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

Communication System: CW; Frequency: 5200 MHz;Duty Cycle: 1:1

5.2G/Pin=100mW/Z Scan (1x1x21): Measurement grid: dx=20mm, dy=20mm, dz=5mm
Maximum value of SAR (measured) = 13.606 mW/g



Test Laboratory: UL CCS

System Check D5GHzV2_SN 1075

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

Communication System: CW; Frequency: 5800 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 5800$ MHz; $\sigma = 6.003$ mho/m; $\epsilon_r = 46.86$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

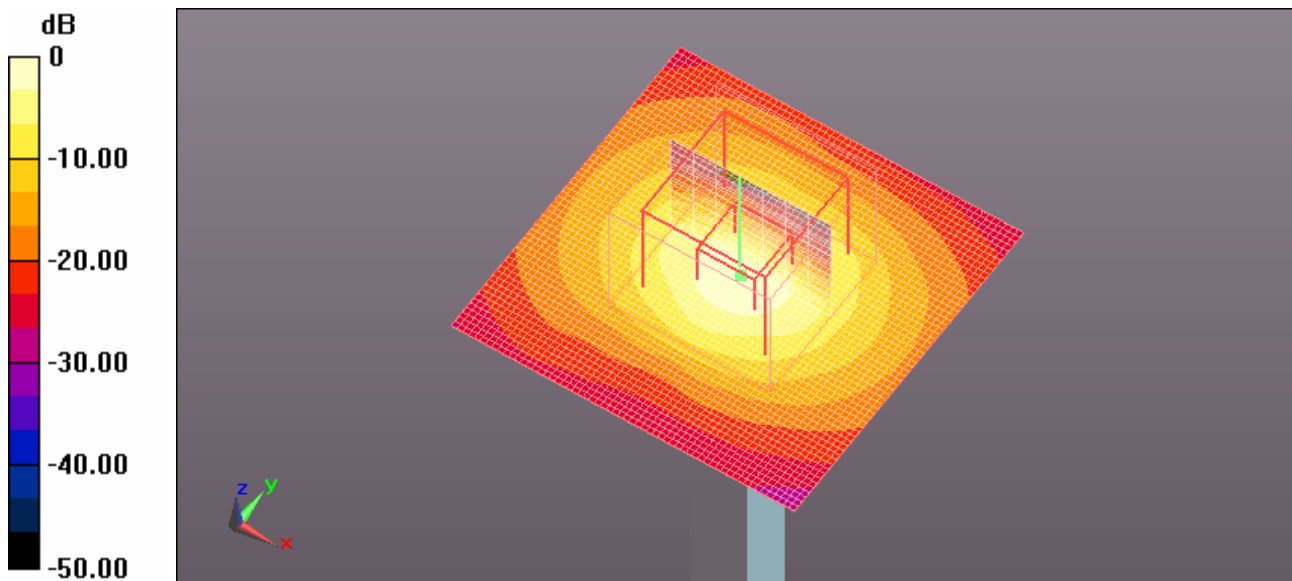
Room Ambient Temperature: 25.0 deg. C; Liquid Temperature: 24.0 deg. C

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 (61x61x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 13.755 mW/g

5.8G/Pin=100mW/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 51.062 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 26.709 W/kg
SAR(1 g) = 7.35 mW/g; SAR(10 g) = 2.07 mW/g
Maximum value of SAR (measured) = 13.424 mW/g



Test Laboratory: UL CCS

System Check D5GHzV2_SN 1075

DUT: Dipole D5GHzV2; Type: D5GHzV2; Serial: D5GHzV2 - SN: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) = 13.406 mW/g

