

Test Laboratory: UL CCS SAR Lab B

2.4GHz

Communication System: 802.11b/g 2.4GHz; Frequency: 2437 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 2437$ MHz; $\sigma = 1.94$ mho/m; $\epsilon_r = 50.238$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

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

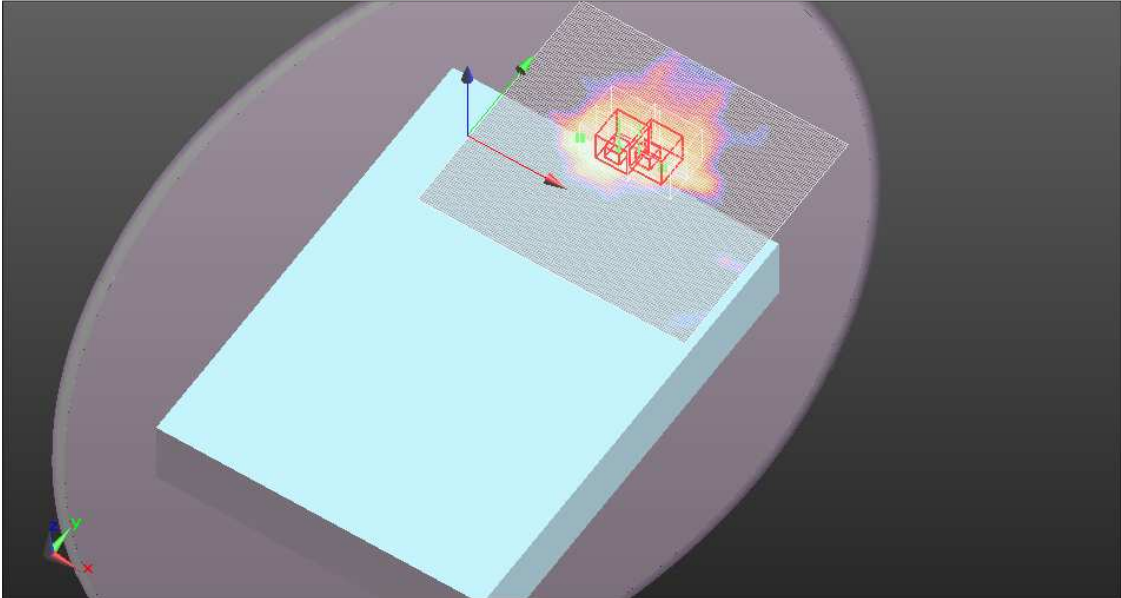
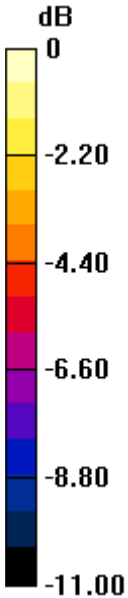
DASY5 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV3 - SN3531; ConvF(7.44, 7.44, 7.44); Calibrated: 12/19/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1258; Calibrated: 5/2/2011
- Phantom: ELI v5.0 (A); Type: QDOVA001BB; Serial: 1120
- Measurement SW: DASY52, Version 52.8 (0);SEMCAD X Version 14.6.4 (4989)

Bottom Face/802.11b_Ant A_ch 6/Area Scan (121x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.020 mW/g

Bottom Face/802.11b_Ant A_ch 6/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 3.092 V/m; Power Drift = -0.16 dB
Peak SAR (extrapolated) = 0.0230
SAR(1 g) = 0.012 mW/g; SAR(10 g) = 0.00605 mW/g
Maximum value of SAR (measured) = 0.017 mW/g

Bottom Face/802.11b_Ant A_ch 6/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 3.092 V/m; Power Drift = -0.16 dB
Peak SAR (extrapolated) = 0.0220
SAR(1 g) = 0.014 mW/g; SAR(10 g) = 0.00662 mW/g
Maximum value of SAR (measured) = 0.019 mW/g



0 dB = 0.020mW/g = -33.98 dB mW/g

Test Laboratory: UL CCS SAR Lab B

2.4GHz

Communication System: IEEE 802.11b/g/n 2.4 GHz Band; Frequency: 2412 MHz; Duty Cycle: 1:1
 Medium parameters used (interpolated): $f = 2412$ MHz; $\sigma = 1.907$ mho/m; $\epsilon_r = 50.321$; $\rho = 1000$ 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: EX3DV3 - SN3531; ConvF(7.44, 7.44, 7.44); Calibrated: 12/19/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1258; Calibrated: 5/2/2011
- Phantom: ELI v5.0 (A); Type: QDOVA001BB; Serial: 1120
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Bottom Face/802.11b_Ant B_ch 1/Area Scan (121x111x1): Measurement grid: dx=15mm, dy=15mm
 Maximum value of SAR (interpolated) = 0.039 mW/g

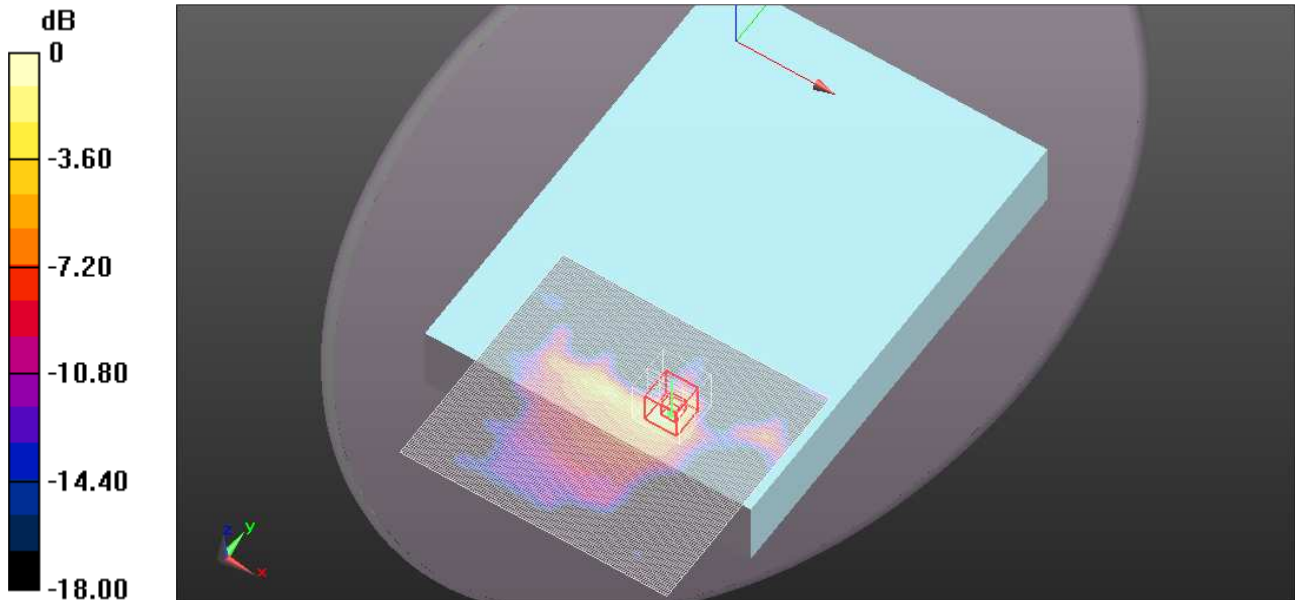
Bottom Face/802.11b_Ant B_ch 1/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.185 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 0.0600

SAR(1 g) = 0.031 mW/g; SAR(10 g) = 0.012 mW/g

Maximum value of SAR (measured) = 0.047 mW/g



0 dB = 0.050mW/g = -26.02 dB mW/g

Test Laboratory: UL CCS SAR Lab B

2.4GHz

Communication System: 802.11b/g 2.4GHz; Frequency: 2437 MHz; Duty Cycle: 1:1
 Medium parameters used (interpolated): $f = 2437$ MHz; $\sigma = 1.94$ mho/m; $\epsilon_r = 50.238$; $\rho = 1000$ 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: EX3DV3 - SN3531; ConvF(7.44, 7.44, 7.44); Calibrated: 12/19/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1258; Calibrated: 5/2/2011
- Phantom: ELI v5.0 (A); Type: QDOVA001BB; Serial: 1120
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Bottom Face/802.11g_Ant A_ch 6/Area Scan (121x111x1): Measurement grid: dx=15mm, dy=15mm
 Maximum value of SAR (interpolated) = 0.024 mW/g

Bottom Face/802.11g_Ant A_ch 6/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.388 V/m; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 0.0320

SAR(1 g) = 0.018 mW/g; SAR(10 g) = 0.00914 mW/g

Maximum value of SAR (measured) = 0.024 mW/g

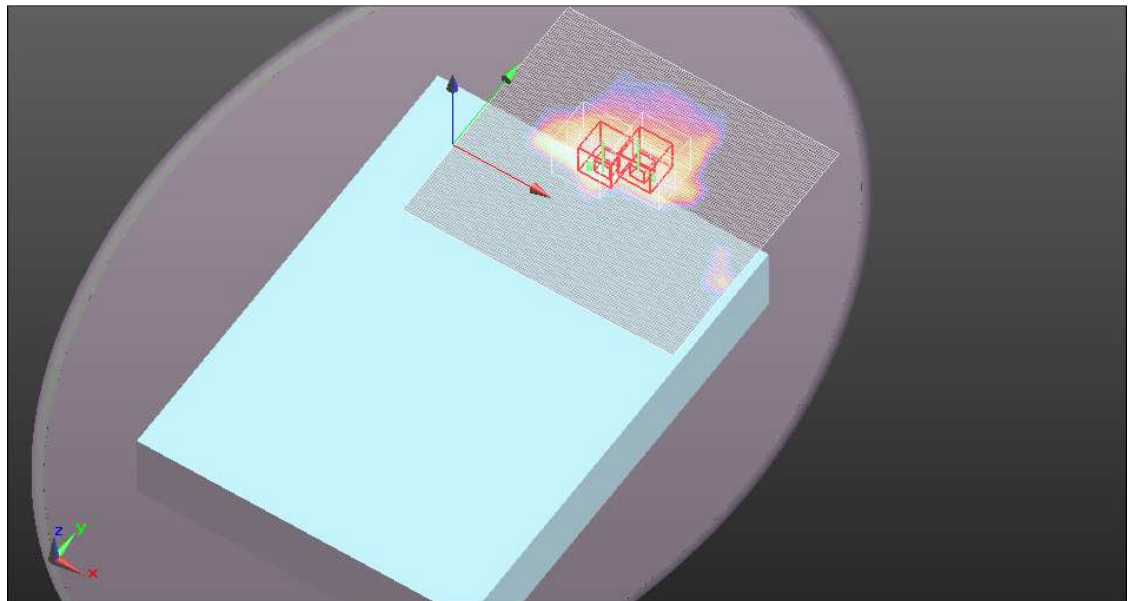
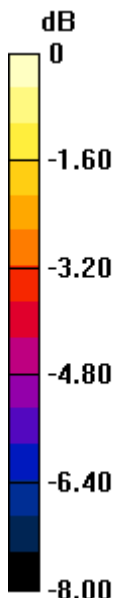
Bottom Face/802.11g_Ant A_ch 6/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.388 V/m; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 0.0280

SAR(1 g) = 0.016 mW/g; SAR(10 g) = 0.0079 mW/g

Maximum value of SAR (measured) = 0.021 mW/g



0 dB = 0.020mW/g = -33.98 dB mW/g

Test Laboratory: UL CCS SAR Lab B

2.4GHz

Communication System: IEEE 802.11b/g/n 2.4 GHz Band; Frequency: 2437 MHz; Duty Cycle: 1:1
 Medium parameters used (interpolated): $f = 2437$ MHz; $\sigma = 1.94$ mho/m; $\epsilon_r = 50.238$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

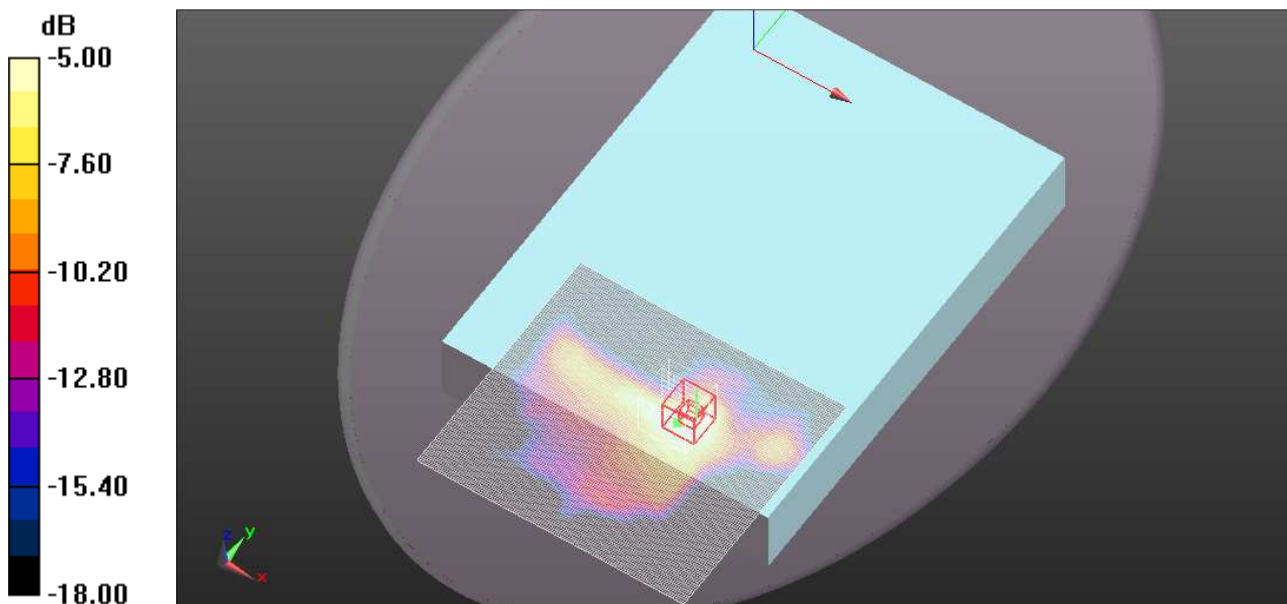
Room Ambient Temperature: 24.0 deg. C; Liquid Temperature: 23.0 deg. C

DASY5 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV3 - SN3531; ConvF(7.44, 7.44, 7.44); Calibrated: 12/19/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1258; Calibrated: 5/2/2011
- Phantom: ELI v5.0 (A); Type: QDOVA001BB; Serial: 1120
- Measurement SW: DASY52, Version 52.8 (0);SEMCAD X Version 14.6.4 (4989)

Bottom Face/802.11n_HT20_Ant B_ch6/Area Scan (121x111x1): Measurement grid: dx=15mm, dy=15mm
 Maximum value of SAR (interpolated) = 0.068 mW/g

Bottom Face/802.11n_HT20_Ant B_ch6/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
 Reference Value = 5.860 V/m; Power Drift = -0.06 dB
 Peak SAR (extrapolated) = 0.1910
SAR(1 g) = 0.072 mW/g; SAR(10 g) = 0.027 mW/g
 Maximum value of SAR (measured) = 0.106 mW/g



0 dB = 0.110mW/g = -19.17 dB mW/g

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2.4GHz

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Medium parameters used (interpolated): $f = 2437$ MHz; $\sigma = 1.94$ mho/m; $\epsilon_r = 50.238$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

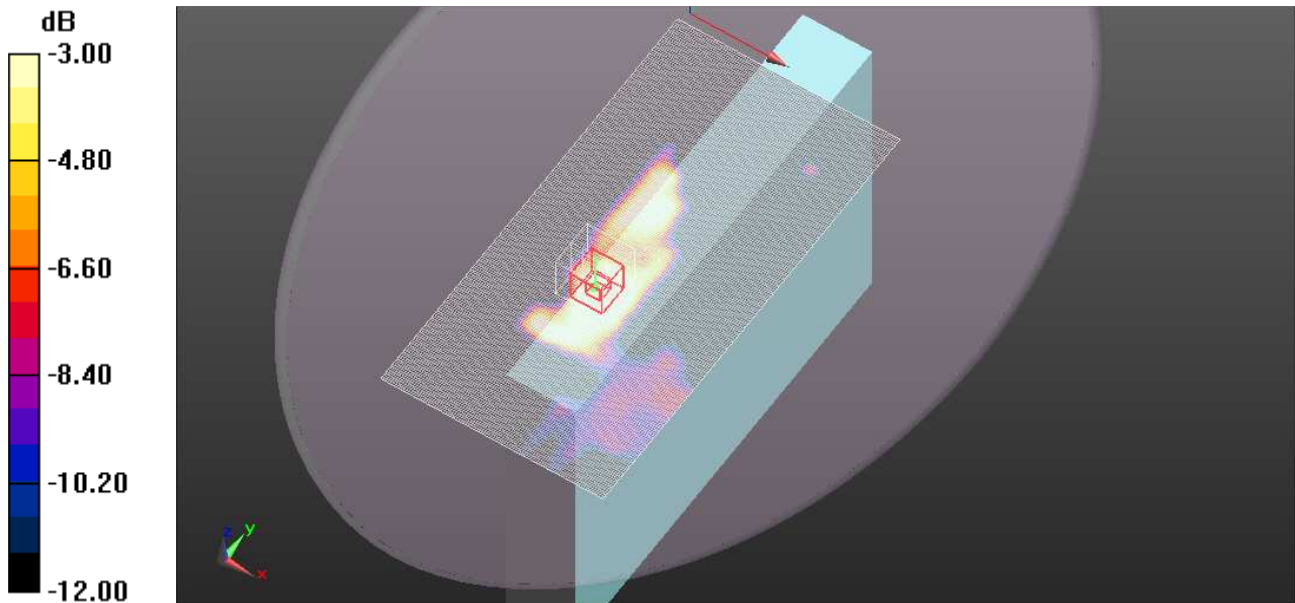
Room Ambient Temperature: 24.0 deg. C; Liquid Temperature: 23.0 deg. C

DASY5 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV3 - SN3531; ConvF(7.44, 7.44, 7.44); Calibrated: 12/19/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1258; Calibrated: 5/2/2011
- Phantom: ELI v5.0 (A); Type: QDOVA001BB; Serial: 1120
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Primary Lanscape/802.11b_Ant A_ch 6/Area Scan (101x201x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.032 mW/g

Primary Lanscape/802.11b_Ant A_ch 6/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 3.669 V/m; Power Drift = -0.16 dB
Peak SAR (extrapolated) = 0.0390
SAR(1 g) = 0.021 mW/g; SAR(10 g) = 0.011 mW/g
Maximum value of SAR (measured) = 0.029 mW/g



0 dB = 0.030mW/g = -30.46 dB mW/g

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 Medium parameters used (interpolated): $f = 2412$ MHz; $\sigma = 1.907$ mho/m; $\epsilon_r = 50.321$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

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

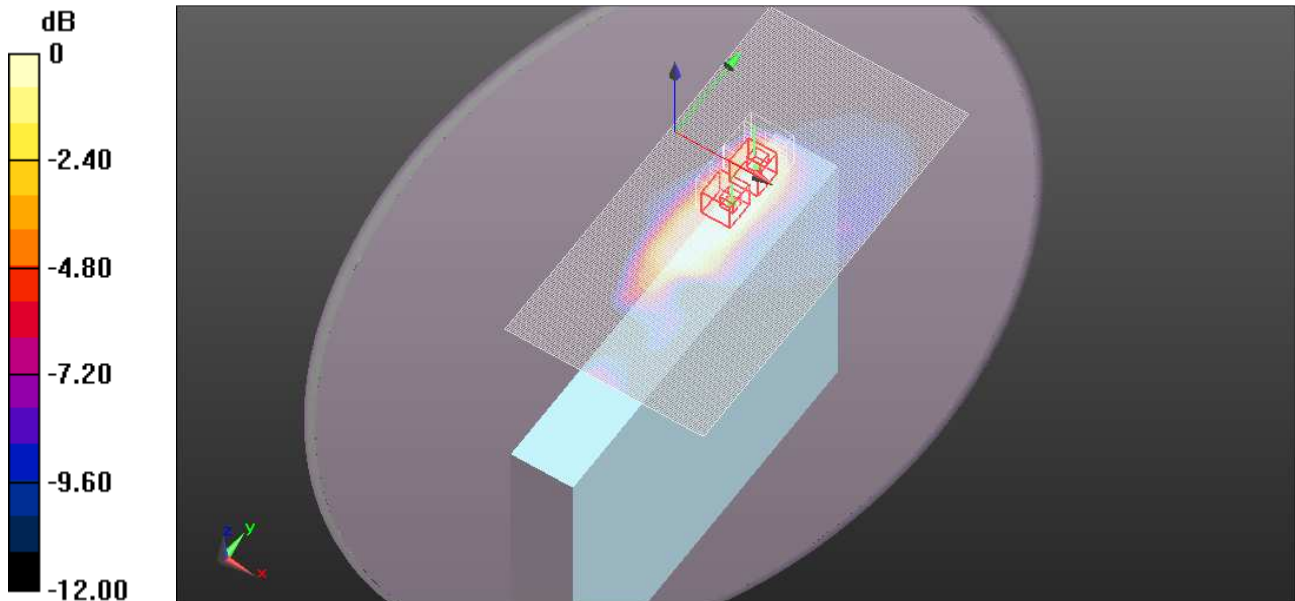
DASY5 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV3 - SN3531; ConvF(7.44, 7.44, 7.44); Calibrated: 12/19/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1258; Calibrated: 5/2/2011
- Phantom: ELI v5.0 (A); Type: QDOVA001BB; Serial: 1120
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Primary Lanscape/802.11b_Ant B_ch 1/Area Scan (101x201x1): Measurement grid: dx=15mm, dy=15mm
 Maximum value of SAR (interpolated) = 0.161 mW/g

Primary Lanscape/802.11b_Ant B_ch 1/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
 Reference Value = 8.861 V/m; Power Drift = -0.0089 dB
 Peak SAR (extrapolated) = 0.2230
SAR(1 g) = 0.119 mW/g; SAR(10 g) = 0.065 mW/g
 Maximum value of SAR (measured) = 0.162 mW/g

Primary Lanscape/802.11b_Ant B_ch 1/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
 Reference Value = 8.861 V/m; Power Drift = -0.0089 dB
 Peak SAR (extrapolated) = 0.1410
SAR(1 g) = 0.074 mW/g; SAR(10 g) = 0.040 mW/g
 Maximum value of SAR (measured) = 0.091 mW/g



0 dB = 0.090mW/g = -20.92 dB mW/g

Test Laboratory: UL CCS SAR Lab B

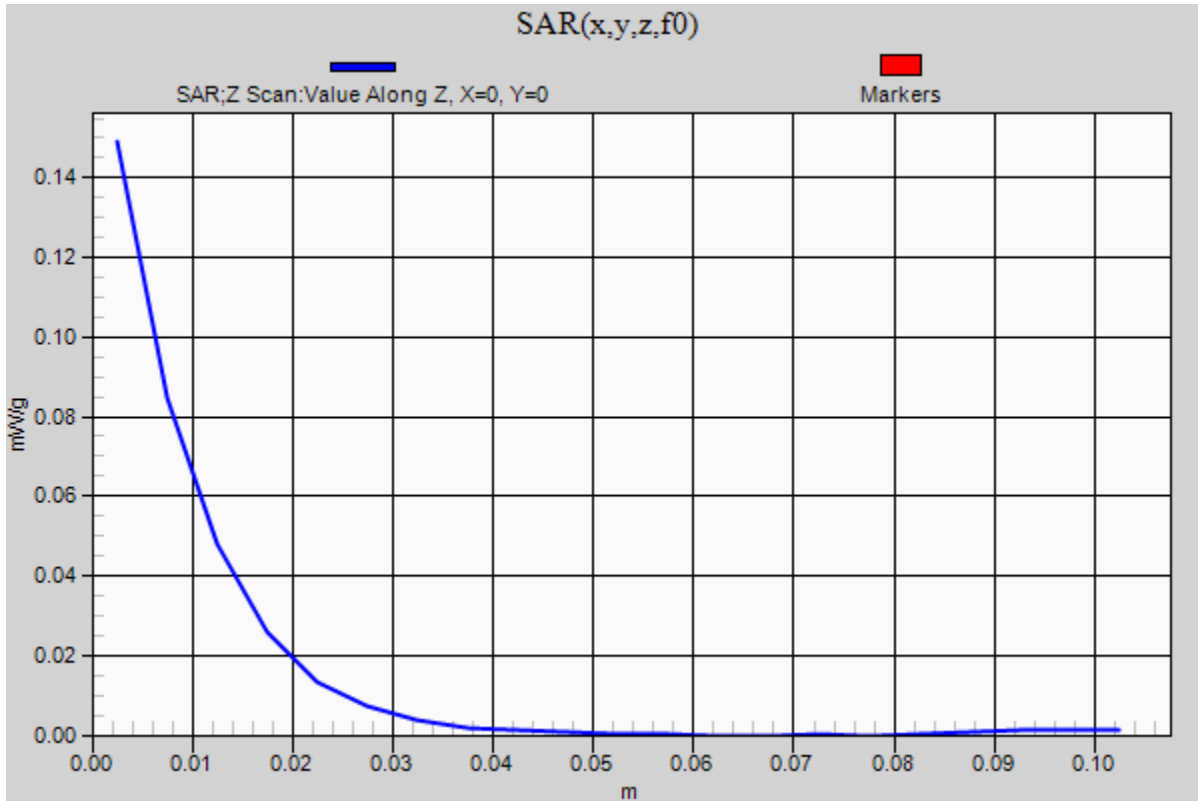
2.4GHz

Communication System: IEEE 802.11b/g/n 2.4 GHz Band; Frequency: 2412 MHz; Duty Cycle: 1:1

Primary Lanscape/802.11b_Ant B_ch 1/Z Scan (1x1x21): Measurement grid: dx=20mm, dy=20mm, dz=5mm

Info: [Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.149 mW/g



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 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: EX3DV3 - SN3531; ConvF(7.44, 7.44, 7.44); Calibrated: 12/19/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1258; Calibrated: 5/2/2011
- Phantom: ELI v5.0 (A); Type: QDOVA001BB; Serial: 1120
- Measurement SW: DASY52, Version 52.8 (0);SEMCAD X Version 14.6.4 (4989)

Primary Lanscape/802.11g_Ant A_ch 6/Area Scan (101x201x1): Measurement grid: dx=15mm, dy=15mm
 Maximum value of SAR (interpolated) = 0.035 mW/g

Primary Lanscape/802.11g_Ant A_ch 6/Zoom Scan (5x5x7)/Cube 0: Measurement grid:
 dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.043 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.0500

SAR(1 g) = 0.026 mW/g; SAR(10 g) = 0.013 mW/g

Maximum value of SAR (measured) = 0.035 mW/g

Primary Lanscape/802.11g_Ant A_ch 6/Zoom Scan (5x5x7)/Cube 1: Measurement grid:

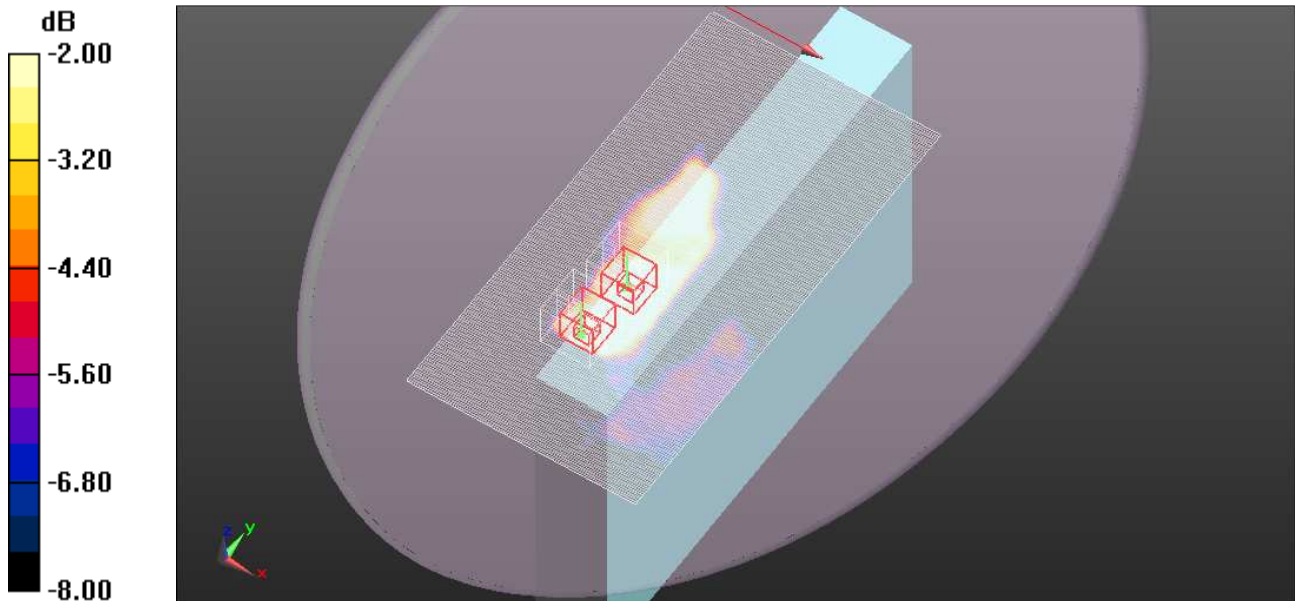
dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.043 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.0240

SAR(1 g) = 0.013 mW/g; SAR(10 g) = 0.00666 mW/g

Maximum value of SAR (measured) = 0.018 mW/g



0 dB = 0.020mW/g = -33.98 dB mW/g

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2.4GHz

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 Medium parameters used (interpolated): $f = 2437$ MHz; $\sigma = 1.94$ mho/m; $\epsilon_r = 50.238$; $\rho = 1000$ 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: EX3DV3 - SN3531; ConvF(7.44, 7.44, 7.44); Calibrated: 12/19/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1258; Calibrated: 5/2/2011
- Phantom: ELI v5.0 (A); Type: QDOVA001BB; Serial: 1120
- Measurement SW: DASY52, Version 52.8 (0);SEMCAD X Version 14.6.4 (4989)

Primary Lanscape/802.11n_HT20_Ant B_ch 6/Area Scan (101x201x1): Measurement grid:

$dx=15$ mm, $dy=15$ mm

Maximum value of SAR (interpolated) = 0.086 mW/g

Primary Lanscape/802.11n_HT20_Ant B_ch 6/Zoom Scan (5x5x7)/Cube 0: Measurement grid:

$dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 6.528 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.1200

SAR(1 g) = 0.065 mW/g; SAR(10 g) = 0.036 mW/g

Maximum value of SAR (measured) = 0.083 mW/g

Primary Lanscape/802.11n_HT20_Ant B_ch 6/Zoom Scan (5x5x7)/Cube 1: Measurement grid:

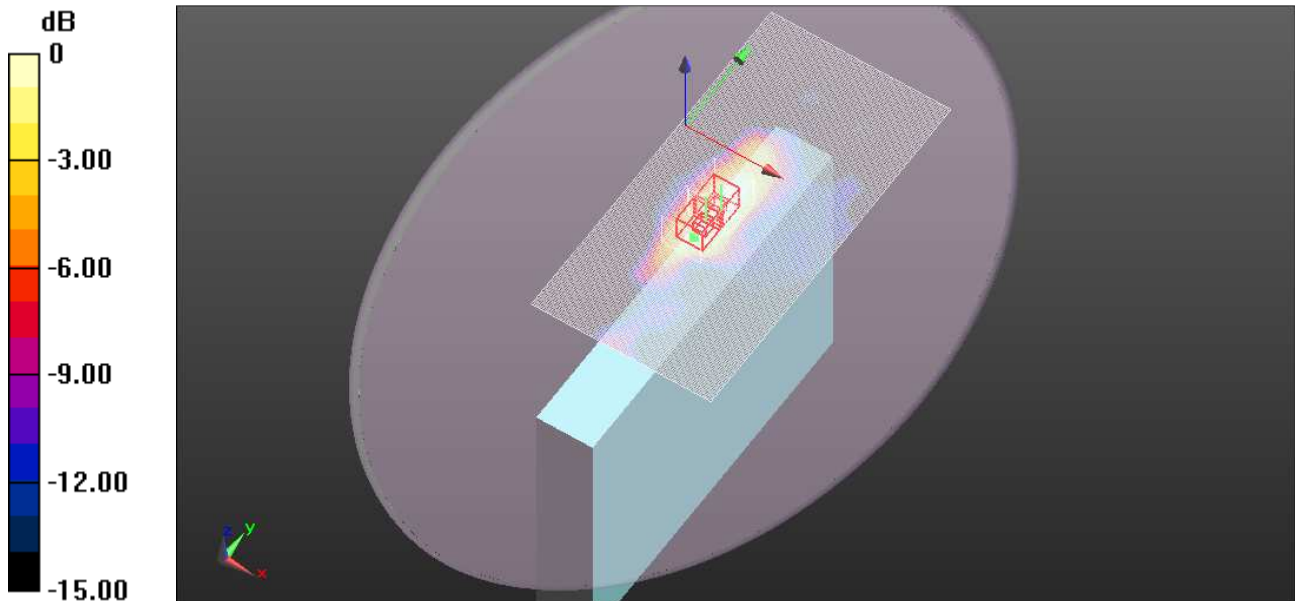
$dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 6.528 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.0930

SAR(1 g) = 0.051 mW/g; SAR(10 g) = 0.028 mW/g

Maximum value of SAR (measured) = 0.072 mW/g



0 dB = 0.070mW/g = -23.10 dB mW/g

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2.4GHz

Communication System: IEEE 802.11b/g/n 2.4 GHz Band; Frequency: 2412 MHz; Duty Cycle: 1:1
 Medium parameters used (interpolated): $f = 2412$ MHz; $\sigma = 1.907$ mho/m; $\epsilon_r = 50.321$; $\rho = 1000$ 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: EX3DV3 - SN3531; ConvF(7.44, 7.44, 7.44); Calibrated: 12/19/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1258; Calibrated: 5/2/2011
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- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Primary Portrait/802.11b_Ant B_ch 1/Area Scan (111x181x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.084 mW/g

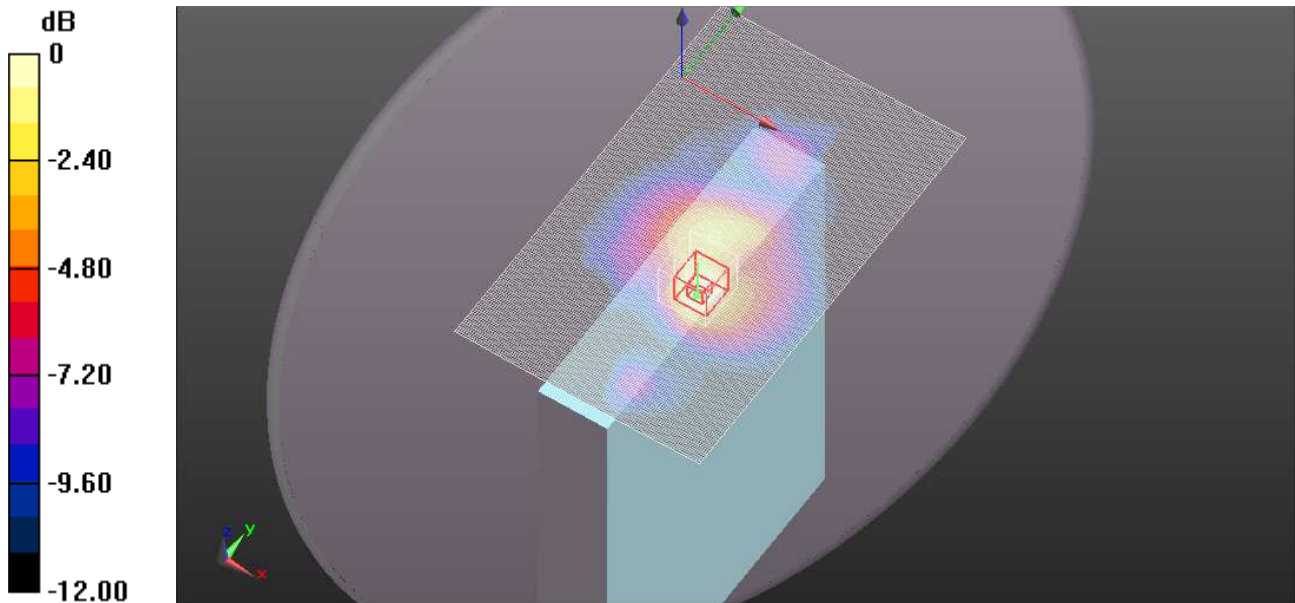
Primary Portrait/802.11b_Ant B_ch 1/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.102 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.1310

SAR(1 g) = 0.067 mW/g; SAR(10 g) = 0.035 mW/g

Maximum value of SAR (measured) = 0.092 mW/g



0 dB = 0.090mW/g = -20.92 dB mW/g

Test Laboratory: UL CCS SAR Lab B

2.4GHz

Communication System: IEEE 802.11b/g/n 2.4 GHz Band; Frequency: 2437 MHz; Duty Cycle: 1:1
 Medium parameters used (interpolated): $f = 2437$ MHz; $\sigma = 1.94$ mho/m; $\epsilon_r = 50.238$; $\rho = 1000$ 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: EX3DV3 - SN3531; ConvF(7.44, 7.44, 7.44); Calibrated: 12/19/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1258; Calibrated: 5/2/2011
- Phantom: ELI v5.0 (A); Type: QDOVA001BB; Serial: 1120
- Measurement SW: DASY52, Version 52.8 (0);SEMCAD X Version 14.6.4 (4989)

Primary Portrait/802.11n_HT20_Ant B_ch 6/Area Scan (111x181x1): Measurement grid:

$dx=15$ mm, $dy=15$ mm

Maximum value of SAR (interpolated) = 0.113 mW/g

Primary Portrait/802.11n_HT20_Ant B_ch 6/Zoom Scan (5x5x7)/Cube 0: Measurement grid:

$dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 7.115 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.1790

SAR(1 g) = 0.093 mW/g; SAR(10 g) = 0.047 mW/g

Maximum value of SAR (measured) = 0.126 mW/g

Primary Portrait/802.11n_HT20_Ant B_ch 6/Zoom Scan (5x5x7)/Cube 1: Measurement grid:

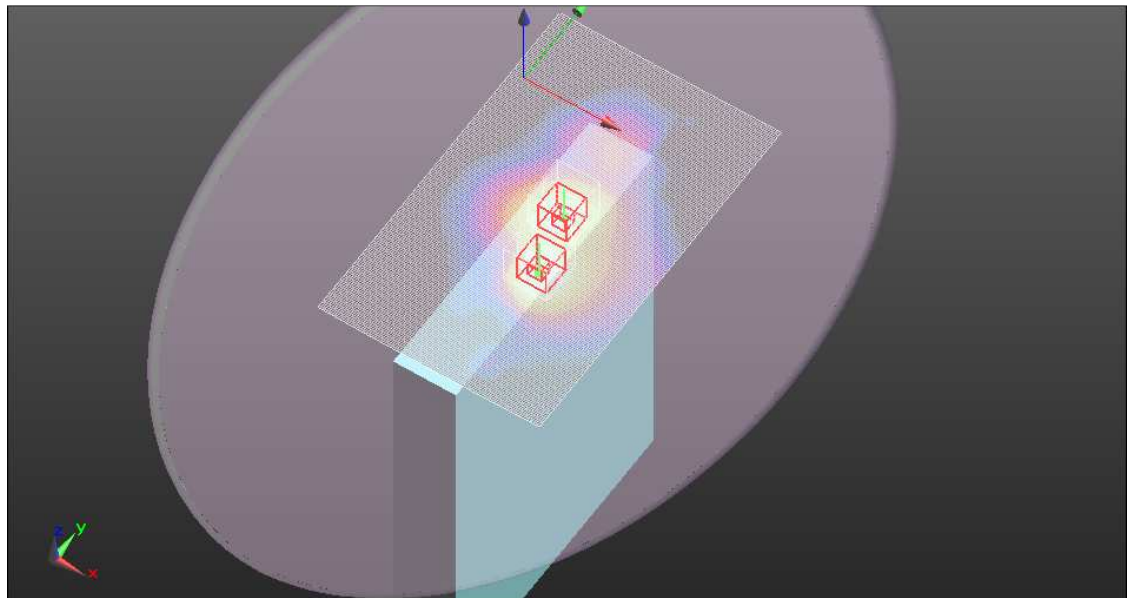
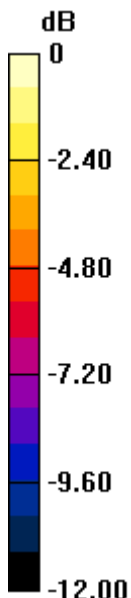
$dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 7.115 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.1050

SAR(1 g) = 0.059 mW/g; SAR(10 g) = 0.033 mW/g

Maximum value of SAR (measured) = 0.075 mW/g



0 dB = 0.080mW/g = -21.94 dB mW/g

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 Phantom section: Flat Section

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DASY5 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV3 - SN3531; ConvF(7.44, 7.44, 7.44); Calibrated: 12/19/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1258; Calibrated: 5/2/2011
- Phantom: ELI v5.0 (A); Type: QDOVA001BB; Serial: 1120
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Secondary Portrait/802.11b_Ant A_ch 6/Area Scan (111x181x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.074 mW/g

Secondary Portrait/802.11b_Ant A_ch 6/Zoom Scan (5x5x7)/Cube 0: Measurement grid:

dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.147 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.1160

SAR(1 g) = 0.060 mW/g; SAR(10 g) = 0.031 mW/g

Maximum value of SAR (measured) = 0.082 mW/g

Secondary Portrait/802.11b_Ant A_ch 6/Zoom Scan (5x5x7)/Cube 1: Measurement grid:

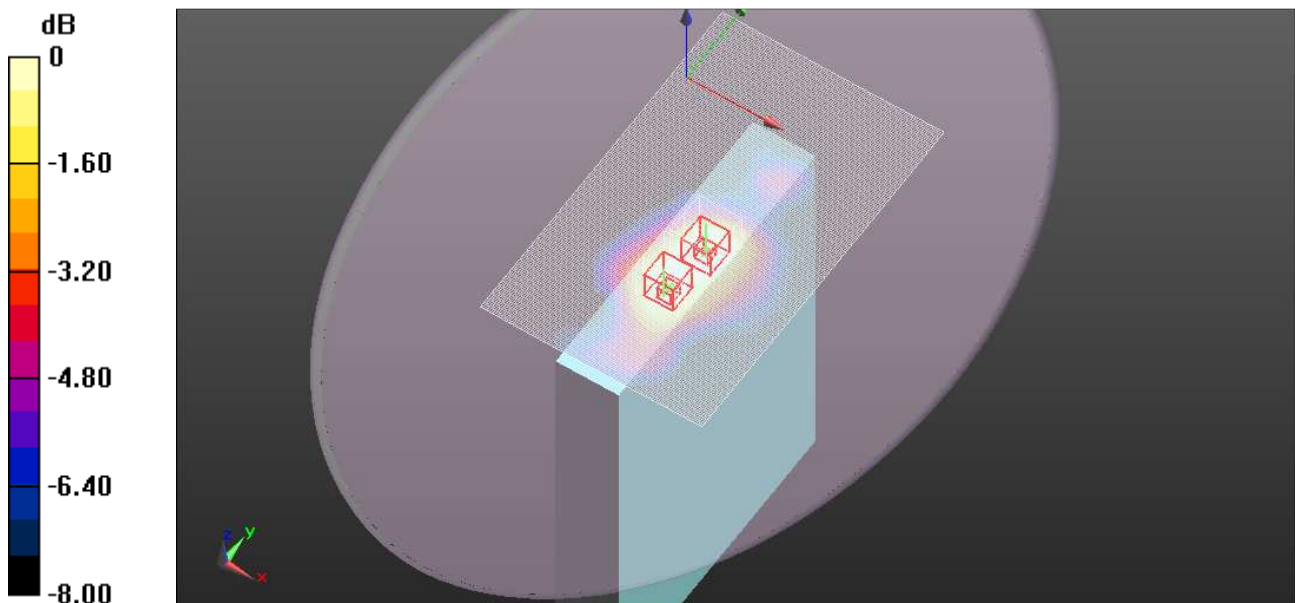
dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.147 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.0770

SAR(1 g) = 0.042 mW/g; SAR(10 g) = 0.023 mW/g

Maximum value of SAR (measured) = 0.055 mW/g



0 dB = 0.050mW/g = -26.02 dB mW/g

Test Laboratory: UL CCS SAR Lab B

2.4GHz

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 Medium parameters used (interpolated): $f = 2437$ MHz; $\sigma = 1.94$ mho/m; $\epsilon_r = 50.238$; $\rho = 1000$ 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: EX3DV3 - SN3531; ConvF(7.44, 7.44, 7.44); Calibrated: 12/19/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1258; Calibrated: 5/2/2011
- Phantom: ELI v5.0 (A); Type: QDOVA001BB; Serial: 1120
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Secondary Portrait/802.11g_Ant A_ch 6/Area Scan (111x181x1): Measurement grid: dx=15mm, dy=15mm
 Maximum value of SAR (interpolated) = 0.089 mW/g

Secondary Portrait/802.11g_Ant A_ch 6/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.765 V/m; Power Drift = 0.09 dB
 Peak SAR (extrapolated) = 0.1390

SAR(1 g) = 0.073 mW/g; SAR(10 g) = 0.039 mW/g

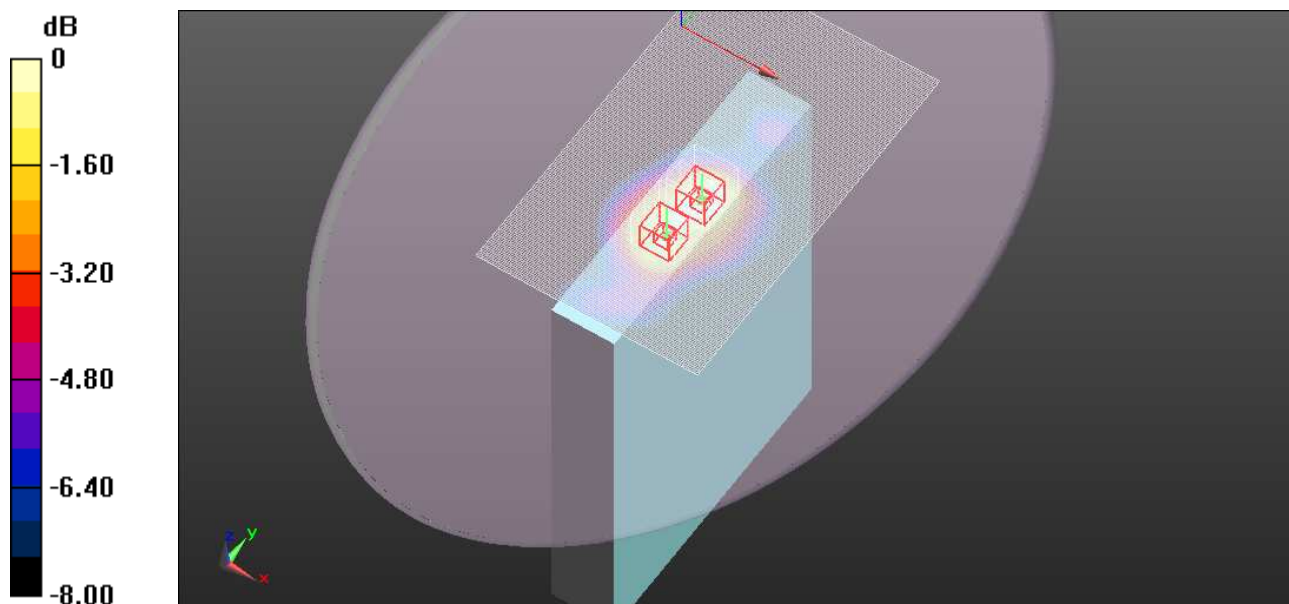
Maximum value of SAR (measured) = 0.099 mW/g

Secondary Portrait/802.11g_Ant A_ch 6/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.765 V/m; Power Drift = 0.09 dB
 Peak SAR (extrapolated) = 0.0950

SAR(1 g) = 0.053 mW/g; SAR(10 g) = 0.030 mW/g

Maximum value of SAR (measured) = 0.070 mW/g



0 dB = 0.070mW/g = -23.10 dB mW/g

Test Laboratory: UL CCS SAR Lab B

2.4GHz

Communication System: 802.11b/g 2.4GHz; Frequency: 2437 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 2437$ MHz; $\sigma = 1.94$ mho/m; $\epsilon_r = 50.238$; $\rho = 1000$ 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: EX3DV3 - SN3531; ConvF(7.44, 7.44, 7.44); Calibrated: 12/19/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1258; Calibrated: 5/2/2011
- Phantom: ELI v5.0 (A); Type: QDOVA001BB; Serial: 1120
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Lap held/802.11b_Ant A_ch 6/Area Scan (101x261x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.034 mW/g

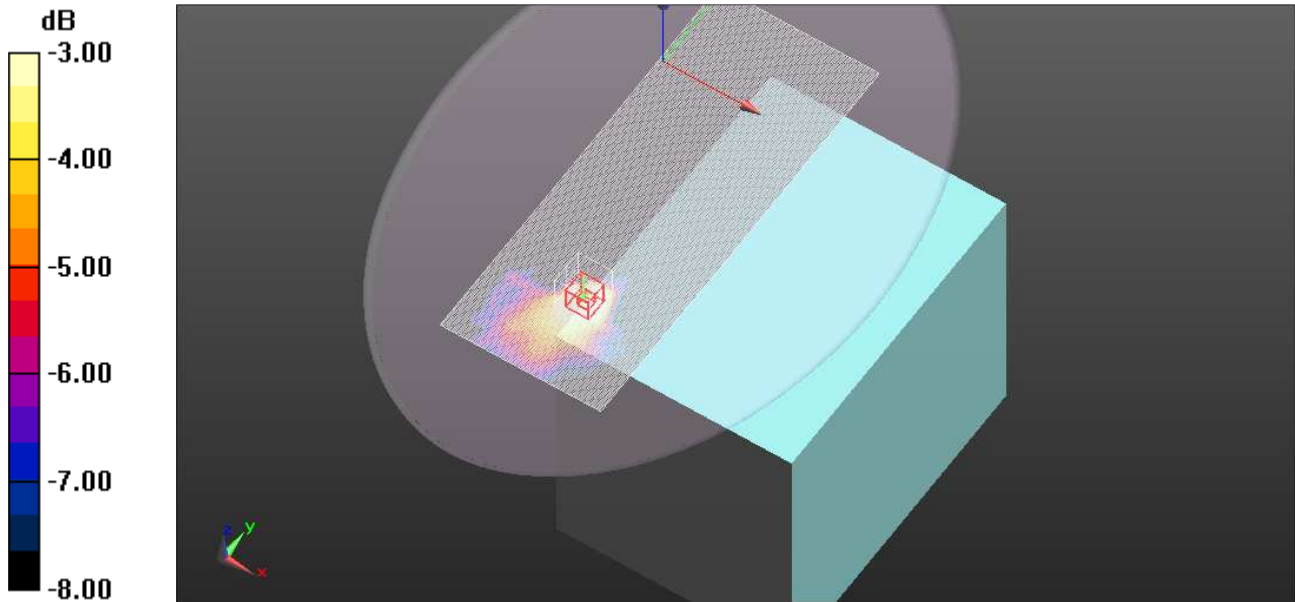
Lap held/802.11b_Ant A_ch 6/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.607 V/m; Power Drift = -0.17 dB

Peak SAR (extrapolated) = 0.0390

SAR(1 g) = 0.024 mW/g; SAR(10 g) = 0.010 mW/g

Maximum value of SAR (measured) = 0.031 mW/g



0 dB = 0.030mW/g = -30.46 dB mW/g

Test Laboratory: UL CCS SAR Lab B

2.4GHz

Communication System: IEEE 802.11b/g/n 2.4 GHz Band; Frequency: 2412 MHz; Duty Cycle: 1:1
 Medium parameters used (interpolated): $f = 2412$ MHz; $\sigma = 1.907$ mho/m; $\epsilon_r = 50.321$; $\rho = 1000$ 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: EX3DV3 - SN3531; ConvF(7.44, 7.44, 7.44); Calibrated: 12/19/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1258; Calibrated: 5/2/2011
- Phantom: ELI v5.0 (A); Type: QDOVA001BB; Serial: 1120
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Lap held/802.11b_Ant B_ch 1/Area Scan (101x261x1): Measurement grid: dx=15mm, dy=15mm
 Maximum value of SAR (interpolated) = 0.033 mW/g

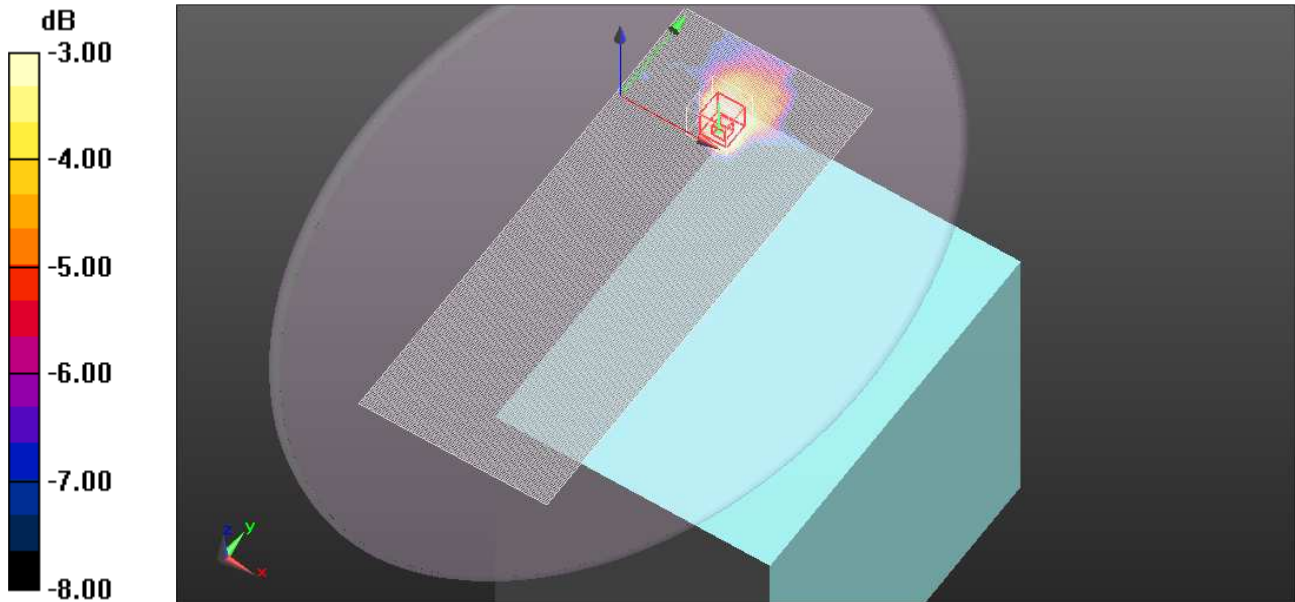
Lap held/802.11b_Ant B_ch 1/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.909 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 0.0470

SAR(1 g) = 0.025 mW/g; SAR(10 g) = 0.012 mW/g

Maximum value of SAR (measured) = 0.033 mW/g



0 dB = 0.030mW/g = -30.46 dB mW/g

Test Laboratory: UL CCS SAR Lab B

2.4GHz

Communication System: IEEE 802.11b/g/n 2.4 GHz Band; Frequency: 2437 MHz; Duty Cycle: 1:1
 Medium parameters used (interpolated): $f = 2437$ MHz; $\sigma = 1.94$ mho/m; $\epsilon_r = 50.238$; $\rho = 1000$ 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: EX3DV3 - SN3531; ConvF(7.44, 7.44, 7.44); Calibrated: 12/19/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1258; Calibrated: 5/2/2011
- Phantom: ELI v5.0 (A); Type: QDOVA001BB; Serial: 1120
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Lap held/802.11g_Ant A_ch 6/Area Scan (101x261x1): Measurement grid: dx=15mm, dy=15mm
 Maximum value of SAR (interpolated) = 0.043 mW/g

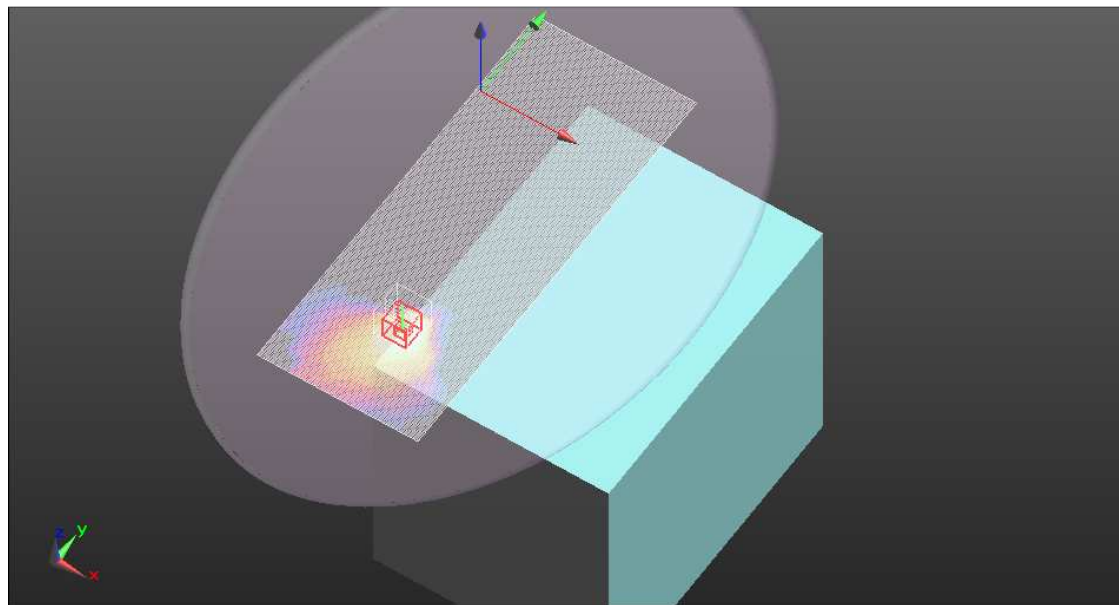
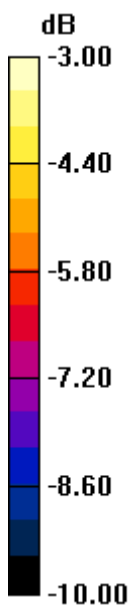
Lap held/802.11g_Ant A_ch 6/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.026 V/m; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 0.0580

SAR(1 g) = 0.031 mW/g; SAR(10 g) = 0.015 mW/g

Maximum value of SAR (measured) = 0.042 mW/g



0 dB = 0.040mW/g = -27.96 dB mW/g

Test Laboratory: UL CCS SAR Lab B

2.4GHz

Communication System: IEEE 802.11b/g/n 2.4 GHz Band; Frequency: 2437 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 2437$ MHz; $\sigma = 1.94$ mho/m; $\epsilon_r = 50.238$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

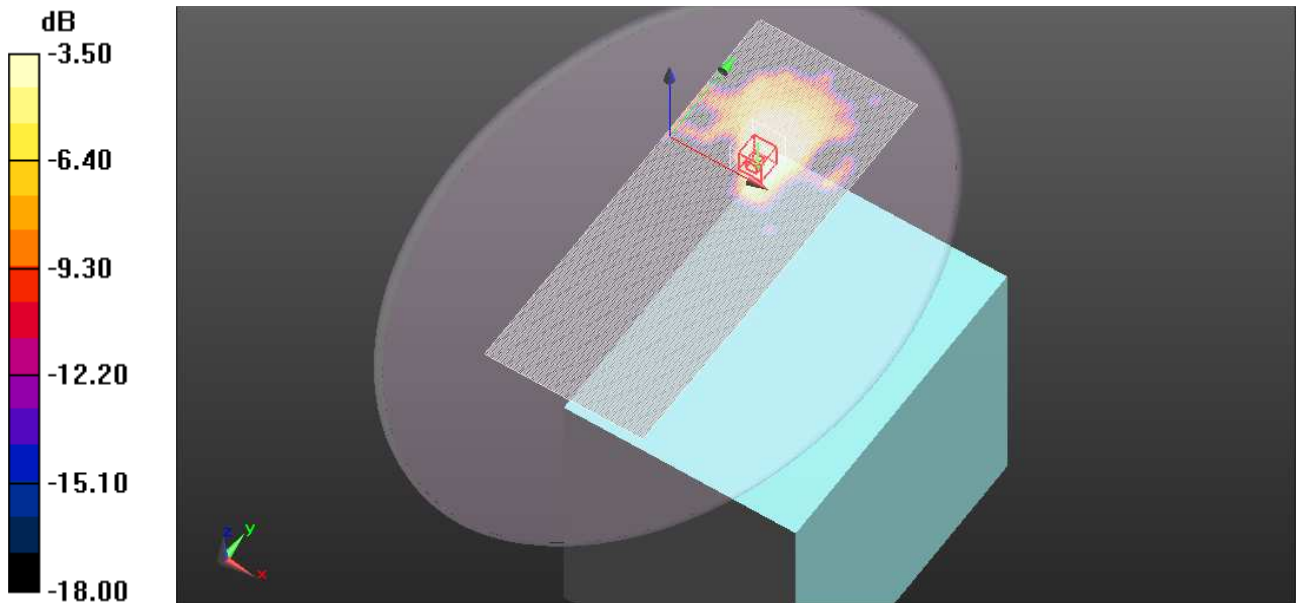
Room Ambient Temperature: 24.0 deg. C; Liquid Temperature: 23.0 deg. C

DASY5 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV3 - SN3531; ConvF(7.44, 7.44, 7.44); Calibrated: 12/19/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1258; Calibrated: 5/2/2011
- Phantom: ELI v5.0 (A); Type: QDOVA001BB; Serial: 1120
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Lap held/802.11n_HT20_Ant B_ch 6/Area Scan (101x261x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.039 mW/g

Lap held/802.11n_HT20_Ant B_ch 6/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.203 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 0.0390
SAR(1 g) = 0.024 mW/g; SAR(10 g) = 0.011 mW/g
Maximum value of SAR (measured) = 0.033 mW/g



0 dB = 0.030mW/g = -30.46 dB mW/g