Date/Time: 5/27/2011 8:58:10 AM

Test Laboratory: UL CCS

Bottom Face_5 GHz

DUT: Panasonic; Type: N/A; Serial: N/A

Communication System: 802.11abgn; Frequency: 5200 MHz;Duty Cycle: 1:1
Medium parameters used: f = 5200 MHz; σ = 5.07 mho/m; ε_r = 51.8; ρ = 1000 kg/m^3
Phantom section: Flat Section

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

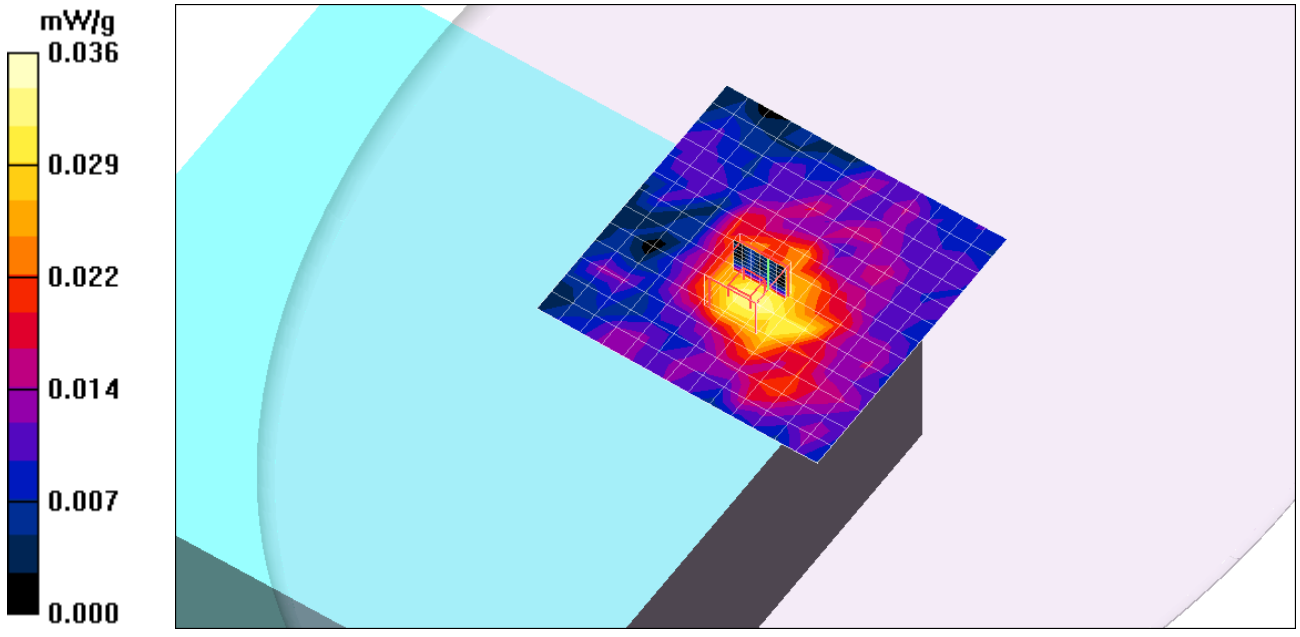
DASY4 Configuration:
- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3749; ConvF(4.07, 4.07, 4.07); Calibrated: 12/13/2010
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn427; Calibrated: 7/21/2010
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN:1003
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

5.2 GHz_802.11a_Ant A_Ch 40/Area Scan (14x14x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.034 mW/g

5.2 GHz_802.11a_Ant A_Ch 40/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 2.77 V/m; Power Drift = 0.017 dB
Peak SAR (extrapolated) = 0.096 W/kg
SAR(1 g) = 0.022 mW/g; SAR(10 g) = 0.010 mW/g
Maximum value of SAR (measured) = 0.036 mW/g



Date/Time: 5/27/2011 9:29:06 AM

Test Laboratory: UL CCS

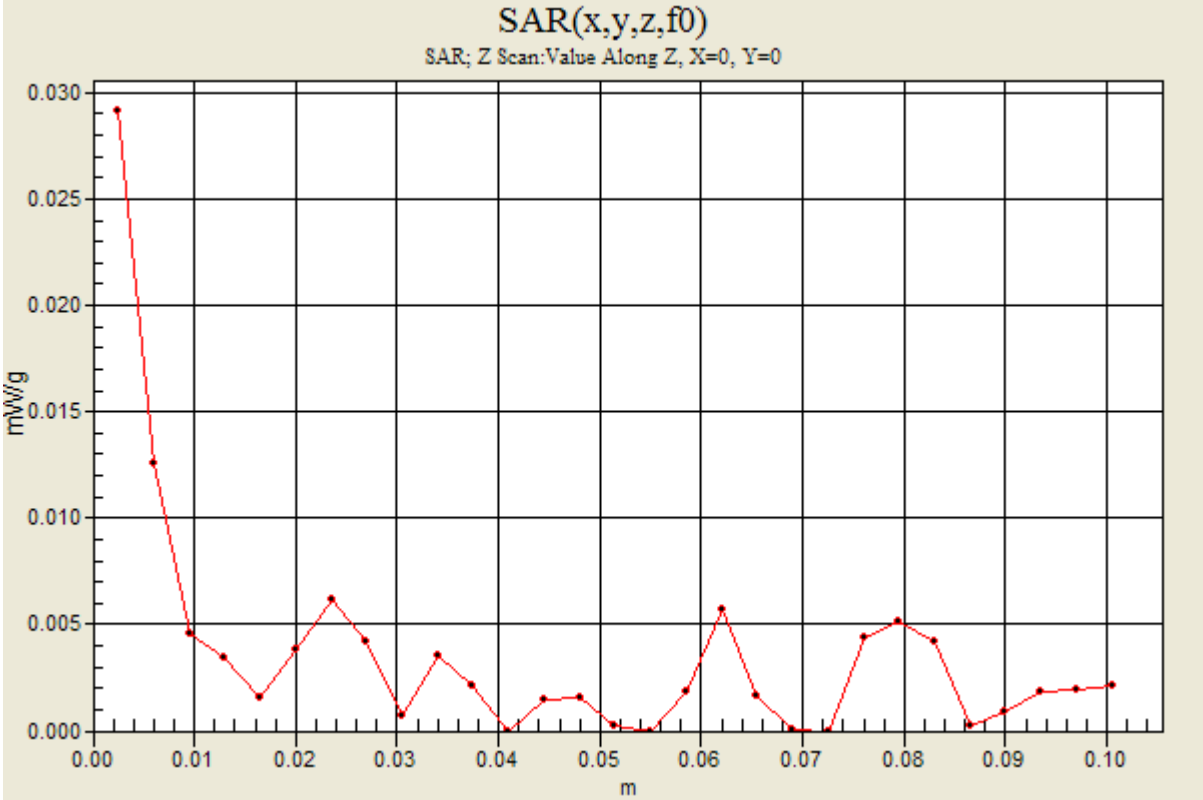
Bottom Face_5 GHz

DUT: Panasonic; Type: N/A; Serial: N/A

Communication System: 802.11abgn; Frequency: 5200 MHz;Duty Cycle: 1:1

5.2 GHz_802.11a_Ant A_Ch 40/Z Scan (1x1x29): Measurement grid: dx=20mm, dy=20mm, dz=3.5mm

Maximum value of SAR (measured) = 0.029 mW/g



Date/Time: 5/27/2011 9:44:07 AM

Test Laboratory: UL CCS

Bottom Face_5 GHz

DUT: Panasonic; Type: N/A; Serial: N/A

Communication System: 802.11abgn; Frequency: 5200 MHz;Duty Cycle: 1:1
Medium parameters used: f = 5200 MHz; σ = 5.07 mho/m; ε_r = 51.8; ρ = 1000 kg/m^3
Phantom section: Flat Section

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

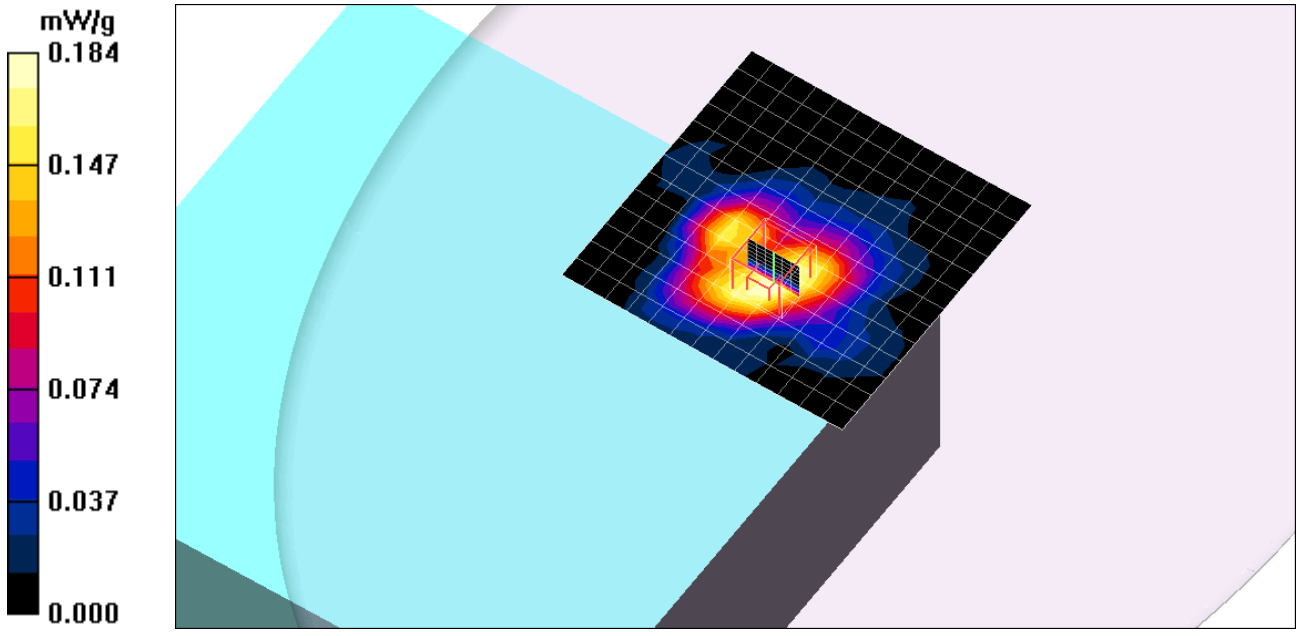
DASY4 Configuration:
- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3749; ConvF(4.07, 4.07, 4.07); Calibrated: 12/13/2010
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn427; Calibrated: 7/21/2010
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN:1003
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

5.2 GHz_802.11a_Ant B_Ch 40/Area Scan (14x14x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.189 mW/g

5.2 GHz_802.11a_Ant B_Ch 40/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 6.59 V/m; Power Drift = -0.020 dB
Peak SAR (extrapolated) = 0.312 W/kg
SAR(1 g) = 0.118 mW/g; SAR(10 g) = 0.048 mW/g
Maximum value of SAR (measured) = 0.184 mW/g



Date/Time: 5/27/2011 10:15:22 AM

Test Laboratory: UL CCS

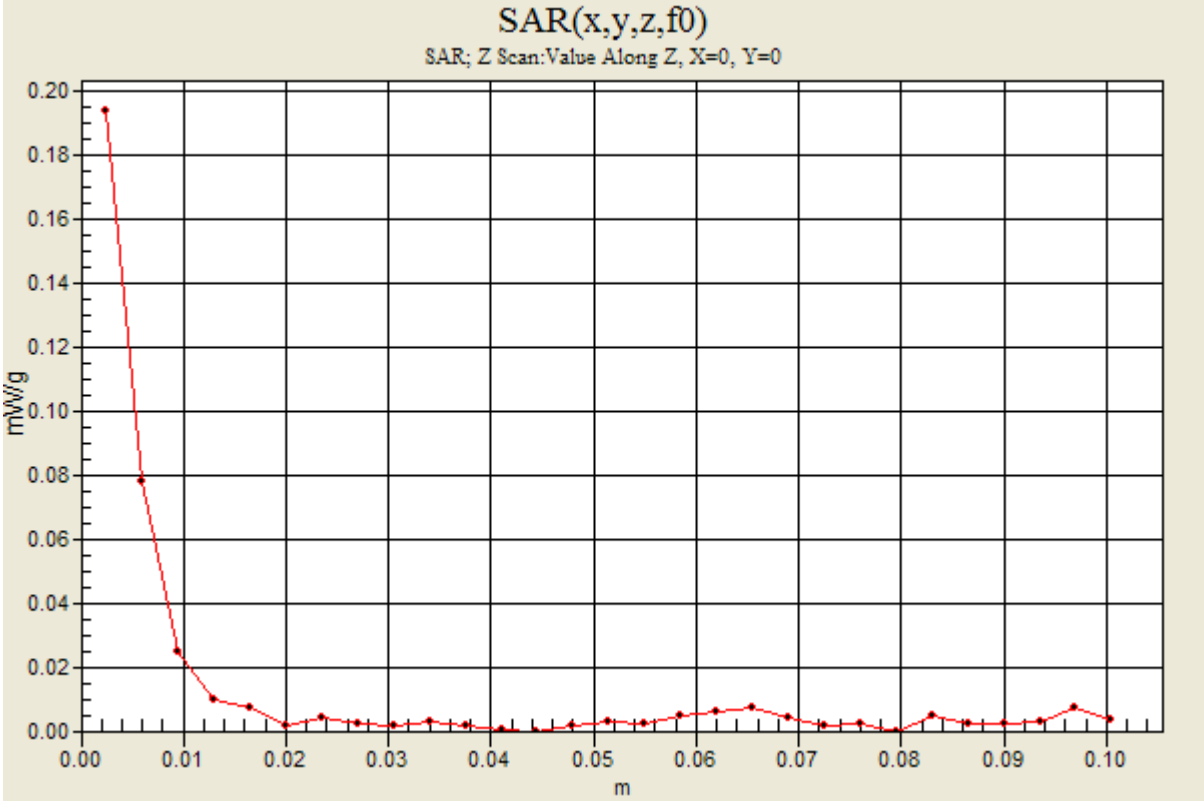
Bottom Face_5 GHz

DUT: Panasonic; Type: N/A; Serial: N/A

Communication System: 802.11abgn; Frequency: 5200 MHz;Duty Cycle: 1:1

5.2 GHz_802.11a_Ant B_Ch 40/Z Scan (1x1x29): Measurement grid: dx=20mm, dy=20mm, dz=3.5mm

Maximum value of SAR (measured) = 0.193 mW/g



Date/Time: 5/27/2011 10:32:57 AM

Test Laboratory: UL CCS

Bottom Face_5 GHz

DUT: Panasonic; Type: N/A; Serial: N/A

Communication System: 802.11abgn; Frequency: 5300 MHz;Duty Cycle: 1:1
Medium parameters used: f = 5300 MHz; σ = 5.21 mho/m; ε_r = 51.6; ρ = 1000 kg/m^3
Phantom section: Flat Section

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

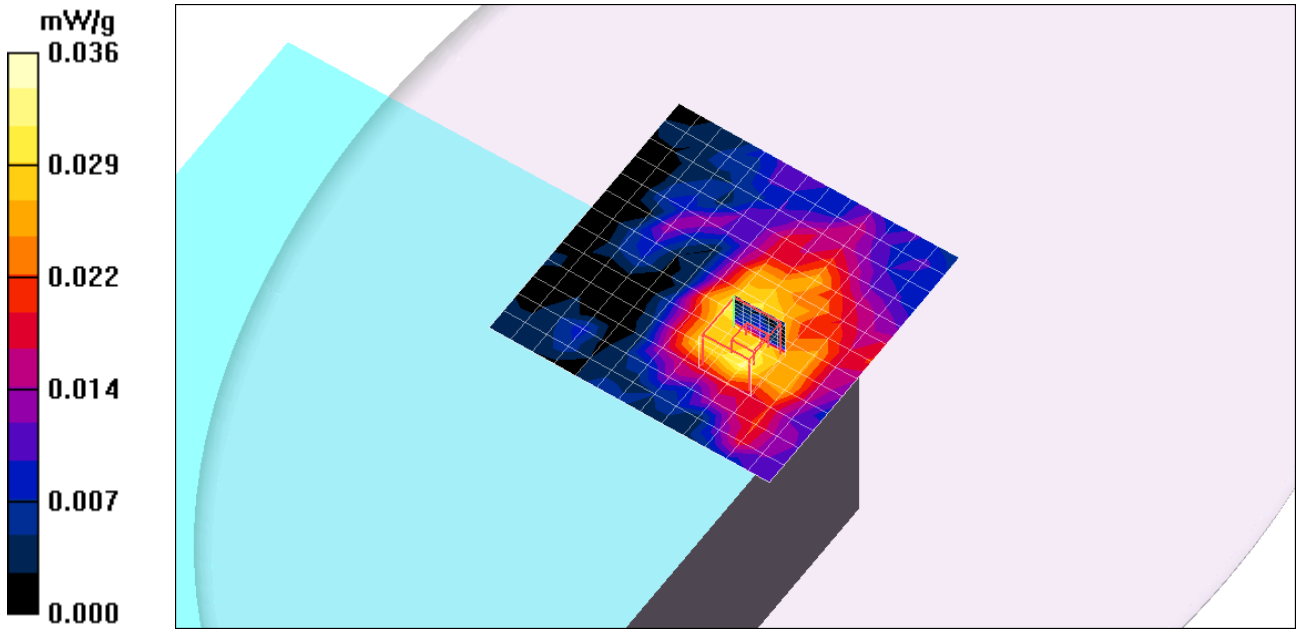
DASY4 Configuration:
- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3749; ConvF(3.88, 3.88, 3.88); Calibrated: 12/13/2010
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn427; Calibrated: 7/21/2010
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN:1003
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

5.3 GHz_802.11a_Ant A_Ch 60/Area Scan (14x14x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.032 mW/g

5.3 GHz_802.11a_Ant A_Ch 60/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 2.64 V/m; Power Drift = -0.024 dB
Peak SAR (extrapolated) = 0.134 W/kg
SAR(1 g) = 0.020 mW/g; SAR(10 g) = 0.00858 mW/g
Maximum value of SAR (measured) = 0.036 mW/g



Date/Time: 5/27/2011 11:37:13 AM

Test Laboratory: UL CCS

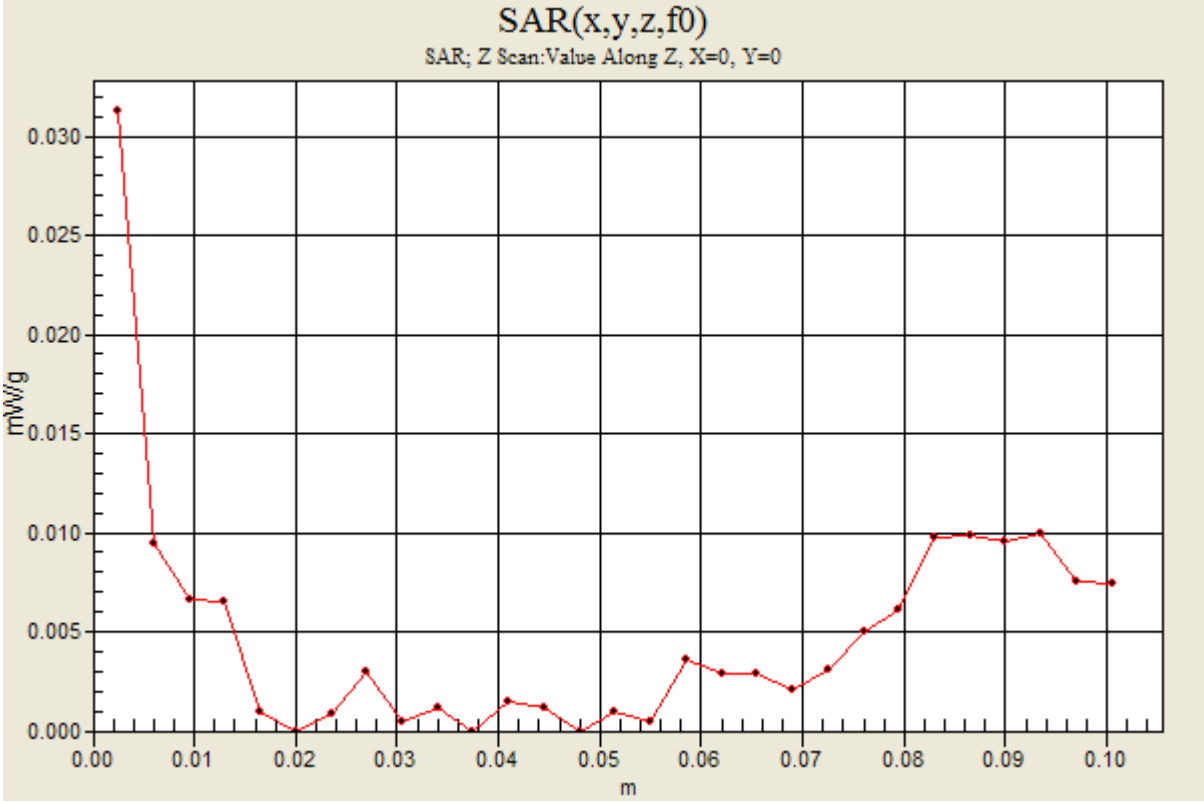
Bottom Face_5 GHz

DUT: Panasonic; Type: N/A; Serial: N/A

Communication System: 802.11abgn; Frequency: 5300 MHz;Duty Cycle: 1:1

5.3 GHz_802.11a_Ant A_Ch 60/Z Scan (1x1x29): Measurement grid: dx=20mm, dy=20mm, dz=3.5mm

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



Date/Time: 5/27/2011 11:54:29 AM

Test Laboratory: UL CCS

Bottom Face_5 GHz

DUT: Panasonic; Type: N/A; Serial: N/A

Communication System: 802.11abgn; Frequency: 5300 MHz;Duty Cycle: 1:1
Medium parameters used: f = 5300 MHz; σ = 5.21 mho/m; ε_r = 51.6; ρ = 1000 kg/m^3
Phantom section: Flat Section

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

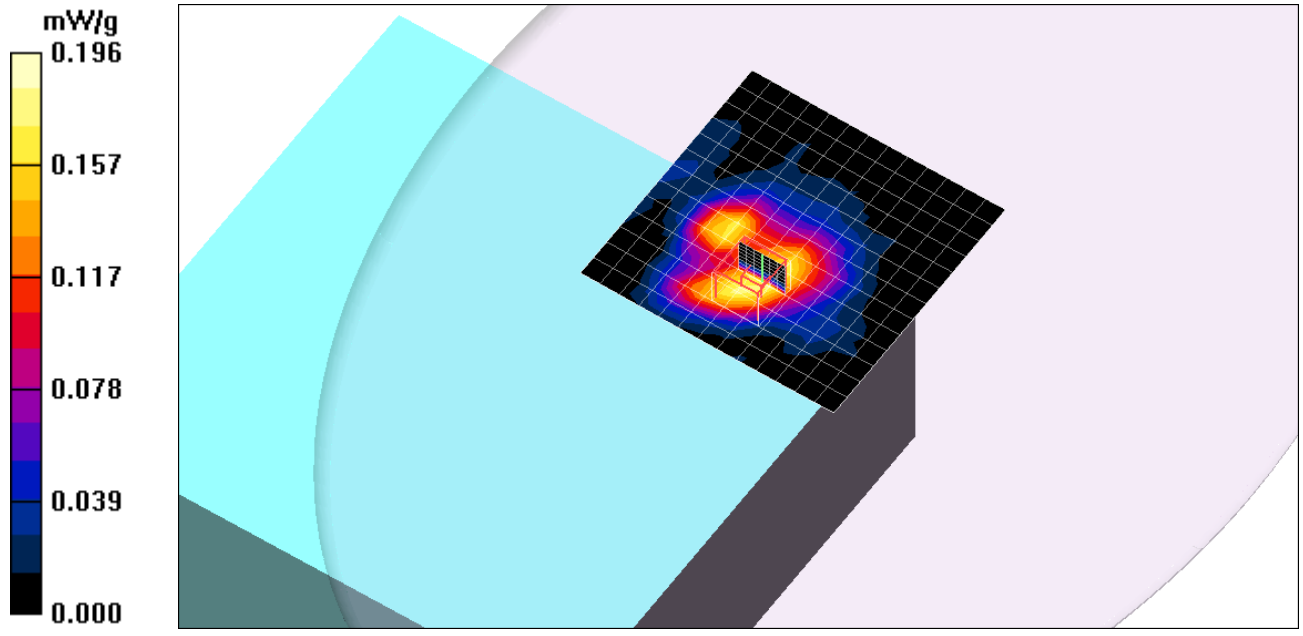
DASY4 Configuration:
- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3749; ConvF(3.88, 3.88, 3.88); Calibrated: 12/13/2010
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn427; Calibrated: 7/21/2010
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN:1003
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

5.3 GHz_802.11a_Ant B_Ch 60/Area Scan (14x14x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.178 mW/g

5.3 GHz_802.11a_Ant B_Ch 60/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 6.36 V/m; Power Drift = 0.022 dB
Peak SAR (extrapolated) = 0.941 W/kg
SAR(1 g) = 0.122 mW/g; SAR(10 g) = 0.048 mW/g
Maximum value of SAR (measured) = 0.196 mW/g



Date/Time: 5/27/2011 12:25:56 PM

Test Laboratory: UL CCS

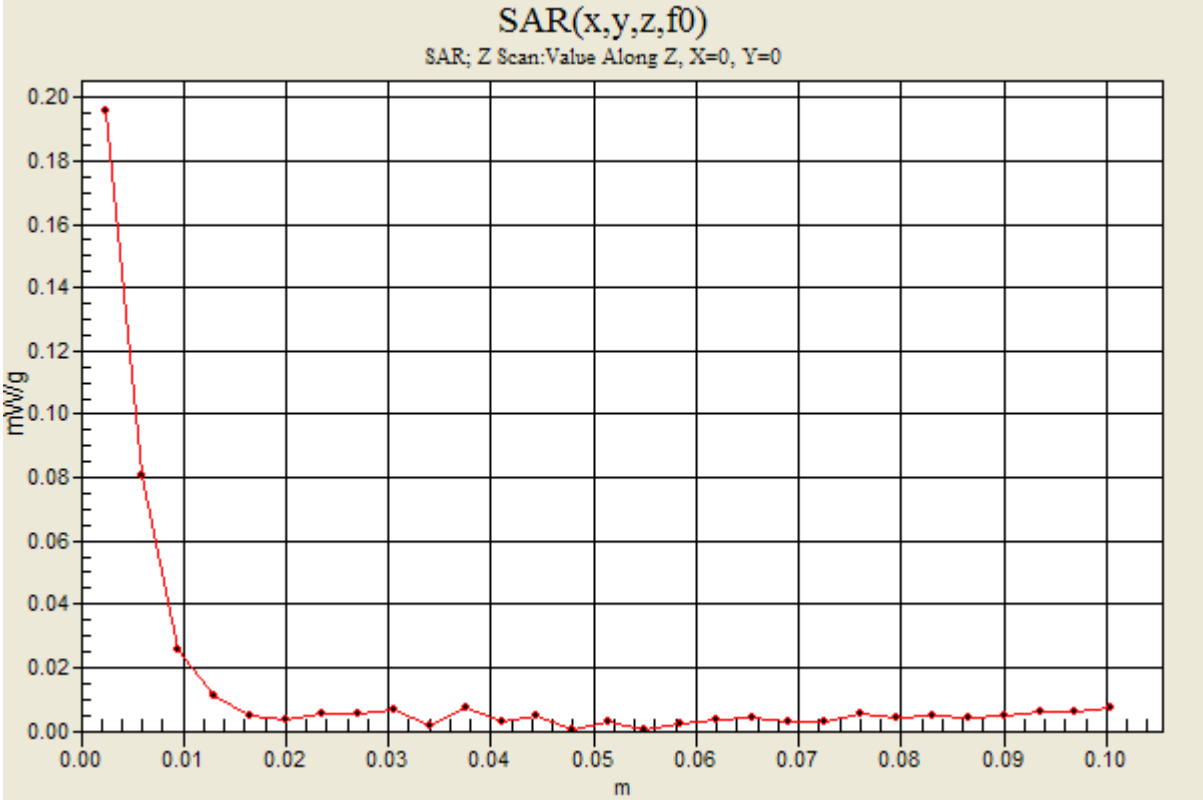
Bottom Face_5 GHz

DUT: Panasonic; Type: N/A; Serial: N/A

Communication System: 802.11abgn; Frequency: 5300 MHz;Duty Cycle: 1:1

5.3 GHz_802.11a_Ant B_Ch 60/Z Scan (1x1x29): Measurement grid: dx=20mm, dy=20mm, dz=3.5mm

Maximum value of SAR (measured) = 0.196 mW/g



Date/Time: 5/27/2011 1:02:19 PM

Test Laboratory: UL CCS

Bottom Face_5 GHz

DUT: Panasonic; Type: N/A; Serial: N/A

Communication System: 802.11abgn; Frequency: 5270 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 5270 MHz; σ = 5.17 mho/m; ε_r = 51.6; ρ = 1000 kg/m^3
Phantom section: Flat Section

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

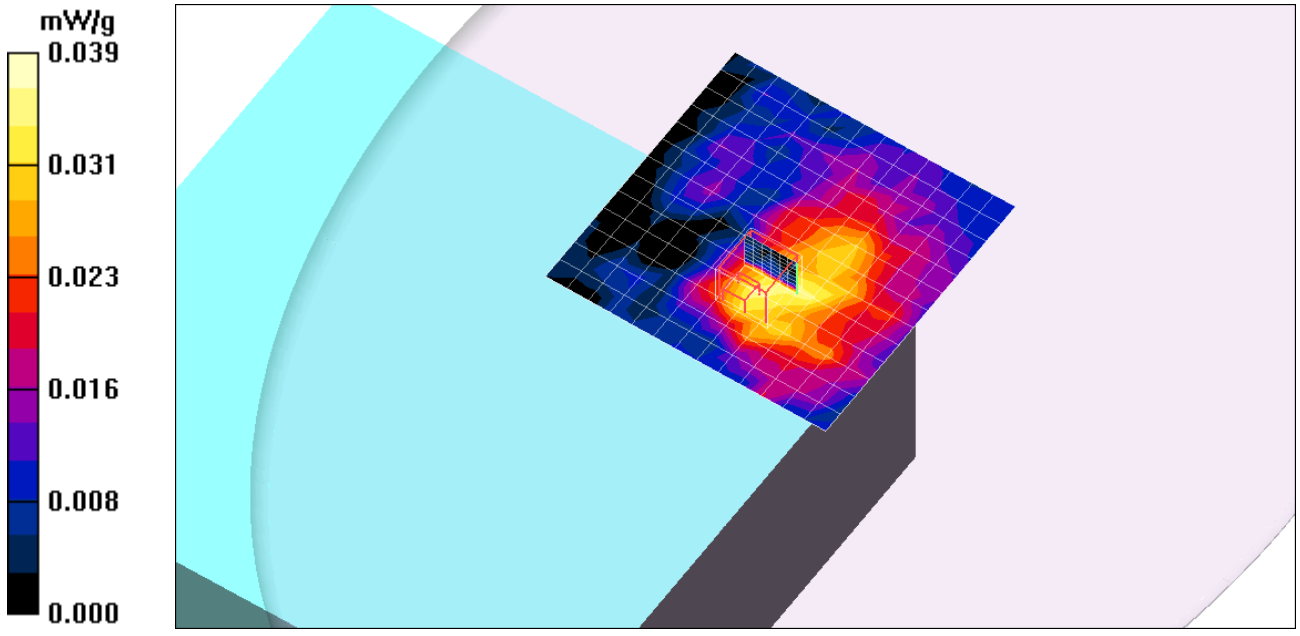
DASY4 Configuration:
- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3749; ConvF(3.88, 3.88, 3.88); Calibrated: 12/13/2010
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn427; Calibrated: 7/21/2010
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN:1003
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

5.3 GHz_802.11n_HT40_ Ant A_Ch 54/Area Scan (14x14x1): Measurement grid: dx=10mm, dy=10mm

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

5.3 GHz_802.11n_HT40_ Ant A_Ch 54/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 2.92 V/m; Power Drift = 0.016 dB
Peak SAR (extrapolated) = 0.169 W/kg
SAR(1 g) = 0.025 mW/g; SAR(10 g) = 0.011 mW/g
Maximum value of SAR (measured) = 0.039 mW/g



Date/Time: 5/27/2011 1:44:35 PM

Test Laboratory: UL CCS

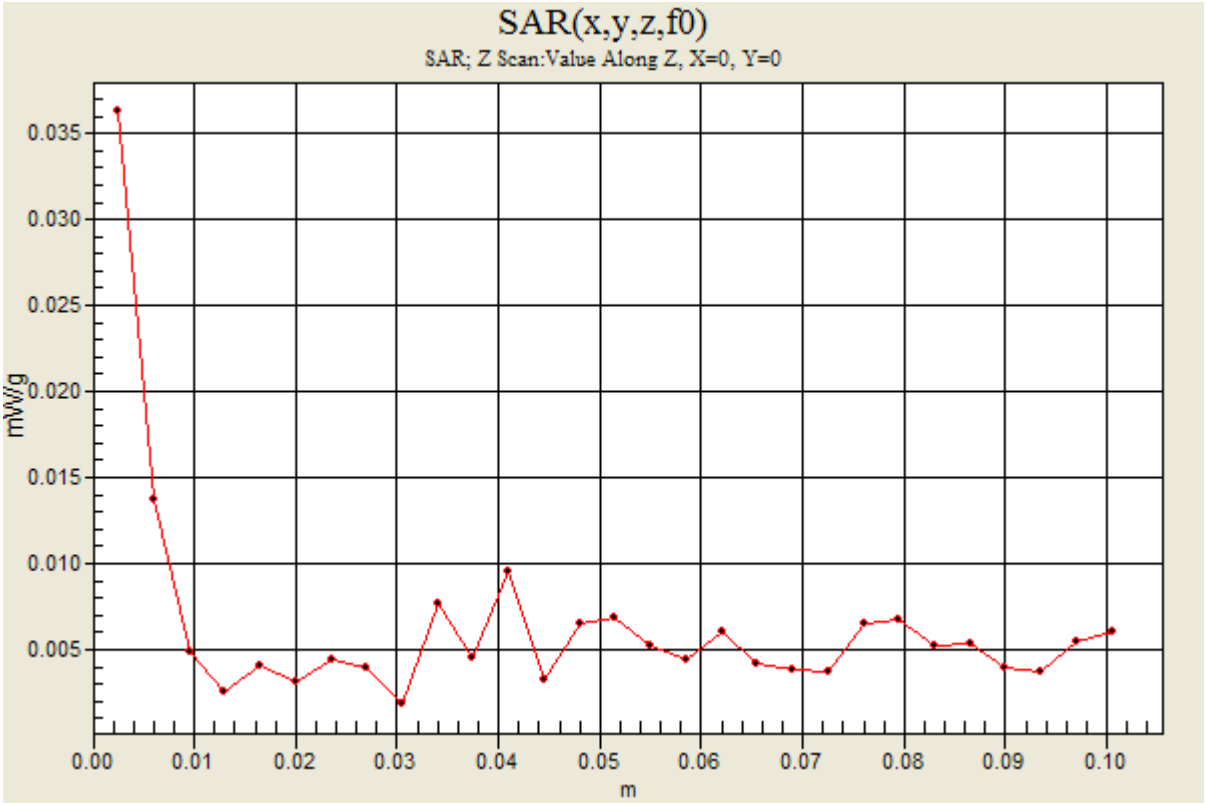
Bottom Face_5 GHz

DUT: Panasonic; Type: N/A; Serial: N/A

Communication System: 802.11abgn; Frequency: 5270 MHz;Duty Cycle: 1:1

5.3 GHz_802.11n_HT40_ Ant A_Ch 54/Z Scan (1x1x29): Measurement grid: dx=20mm, dy=20mm, dz=3.5mm

Maximum value of SAR (measured) = 0.036 mW/g



Date/Time: 5/27/2011 1:57:04 PM

Test Laboratory: UL CCS

Bottom Face_5 GHz

DUT: Panasonic; Type: N/A; Serial: N/A

Communication System: 802.11abgn; Frequency: 5270 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 5270 MHz; σ = 5.17 mho/m; ε_r = 51.6; ρ = 1000 kg/m^3
Phantom section: Flat Section

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

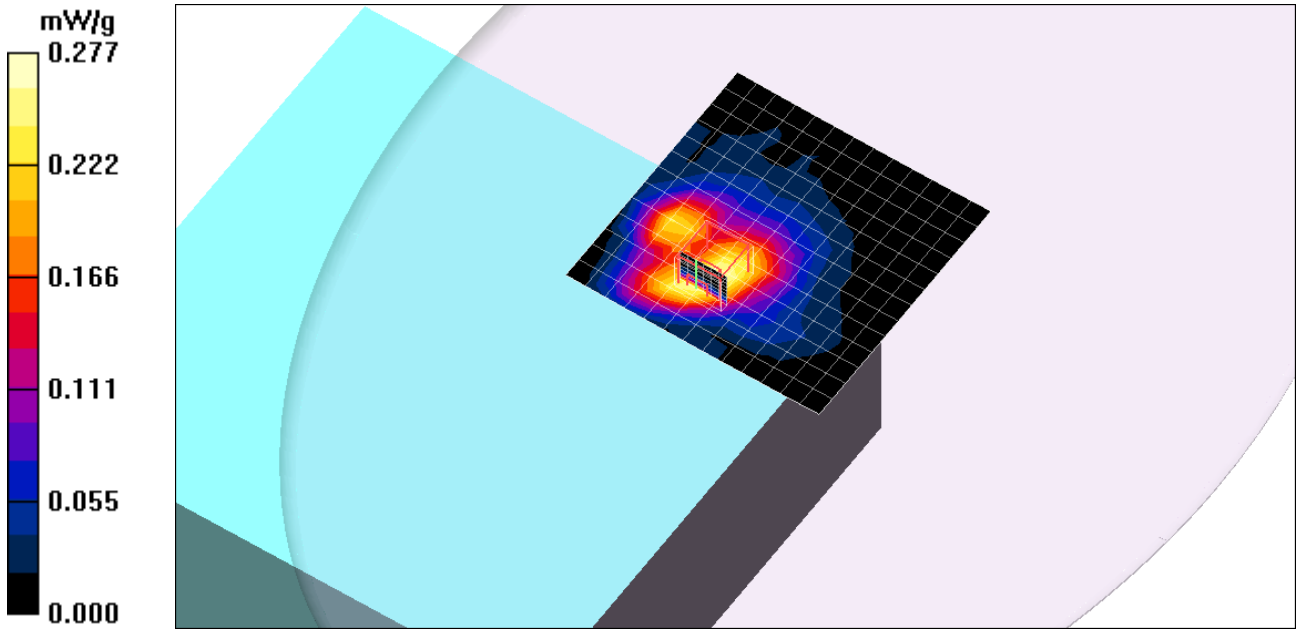
DASY4 Configuration:
- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3749; ConvF(3.88, 3.88, 3.88); Calibrated: 12/13/2010
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn427; Calibrated: 7/21/2010
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN:1003
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

5.3 GHz_802.11n_HT40_ Ant B_Ch 54/Area Scan (14x14x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.276 mW/g

5.3 GHz_802.11n_HT40_ Ant B_Ch 54/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 7.97 V/m; Power Drift = 0.019 dB
Peak SAR (extrapolated) = 0.495 W/kg
SAR(1 g) = 0.180 mW/g; SAR(10 g) = 0.079 mW/g
Maximum value of SAR (measured) = 0.277 mW/g



Date/Time: 5/27/2011 2:28:31 PM

Test Laboratory: UL CCS

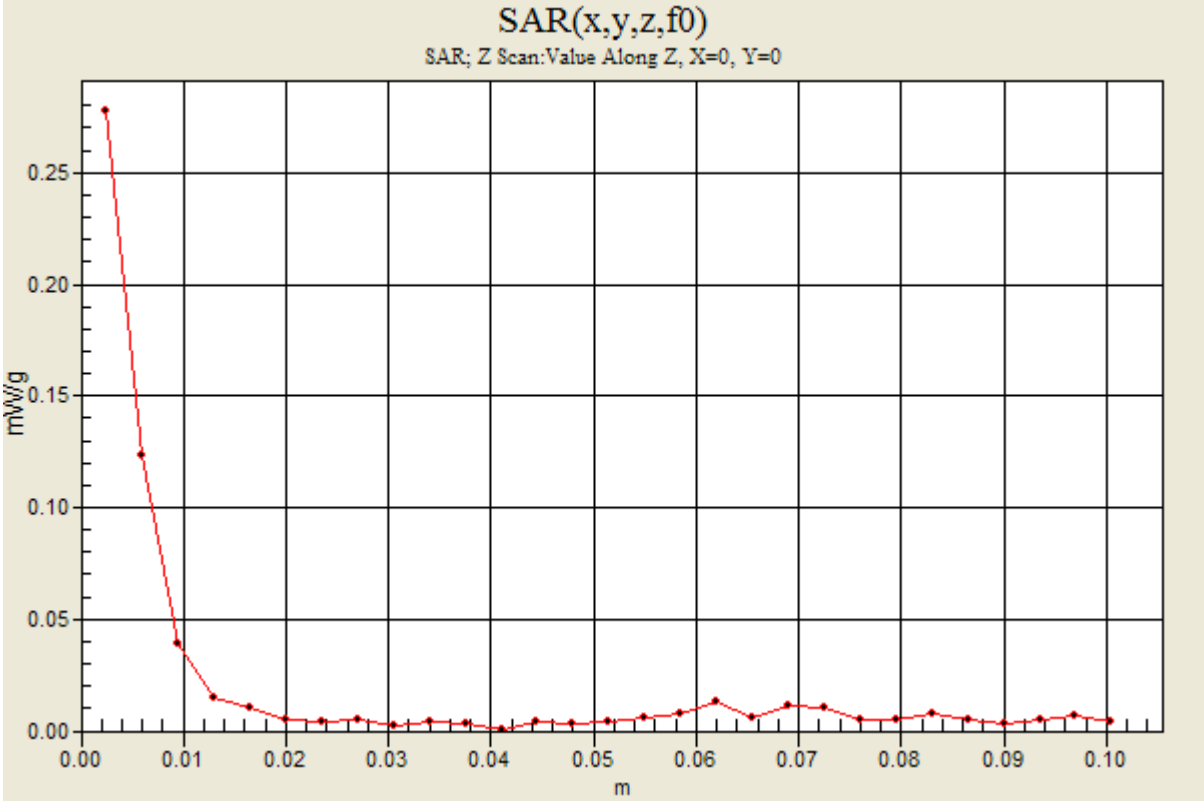
Bottom Face_5 GHz

DUT: Panasonic; Type: N/A; Serial: N/A

Communication System: 802.11abgn; Frequency: 5270 MHz;Duty Cycle: 1:1

5.3 GHz_802.11n_HT40_ Ant B_Ch 54/Z Scan (1x1x29): Measurement grid: dx=20mm, dy=20mm, dz=3.5mm

Maximum value of SAR (measured) = 0.278 mW/g



Date/Time: 5/27/2011 2:48:36 PM

Test Laboratory: UL CCS

Bottom Face_5 GHz

DUT: Panasonic; Type: N/A; Serial: N/A

Communication System: 802.11abgn; Frequency: 5600 MHz;Duty Cycle: 1:1
Medium parameters used: f = 5600 MHz; σ = 5.65 mho/m; ε_r = 51; ρ = 1000 kg/m^3
Phantom section: Flat Section

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

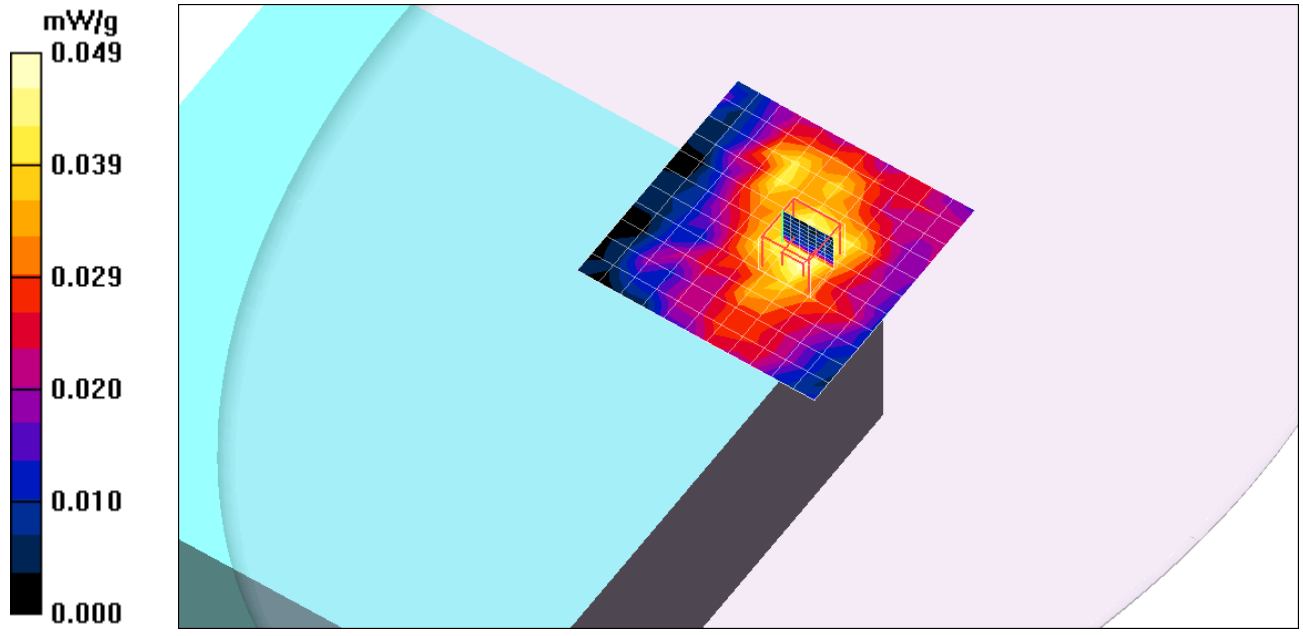
DASY4 Configuration:
- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3749; ConvF(3.36, 3.36, 3.36); Calibrated: 12/13/2010
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn427; Calibrated: 7/21/2010
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN:1003
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

5.5GHz_802.11a_ Ant A_Ch 120/Area Scan (12x12x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.048 mW/g

5.5GHz_802.11a_ Ant A_Ch 120/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 2.99 V/m; Power Drift = 0.012 dB
Peak SAR (extrapolated) = 0.113 W/kg
SAR(1 g) = 0.031 mW/g; SAR(10 g) = 0.015 mW/g
Maximum value of SAR (measured) = 0.049 mW/g



Date/Time: 5/27/2011 3:17:39 PM

Test Laboratory: UL CCS

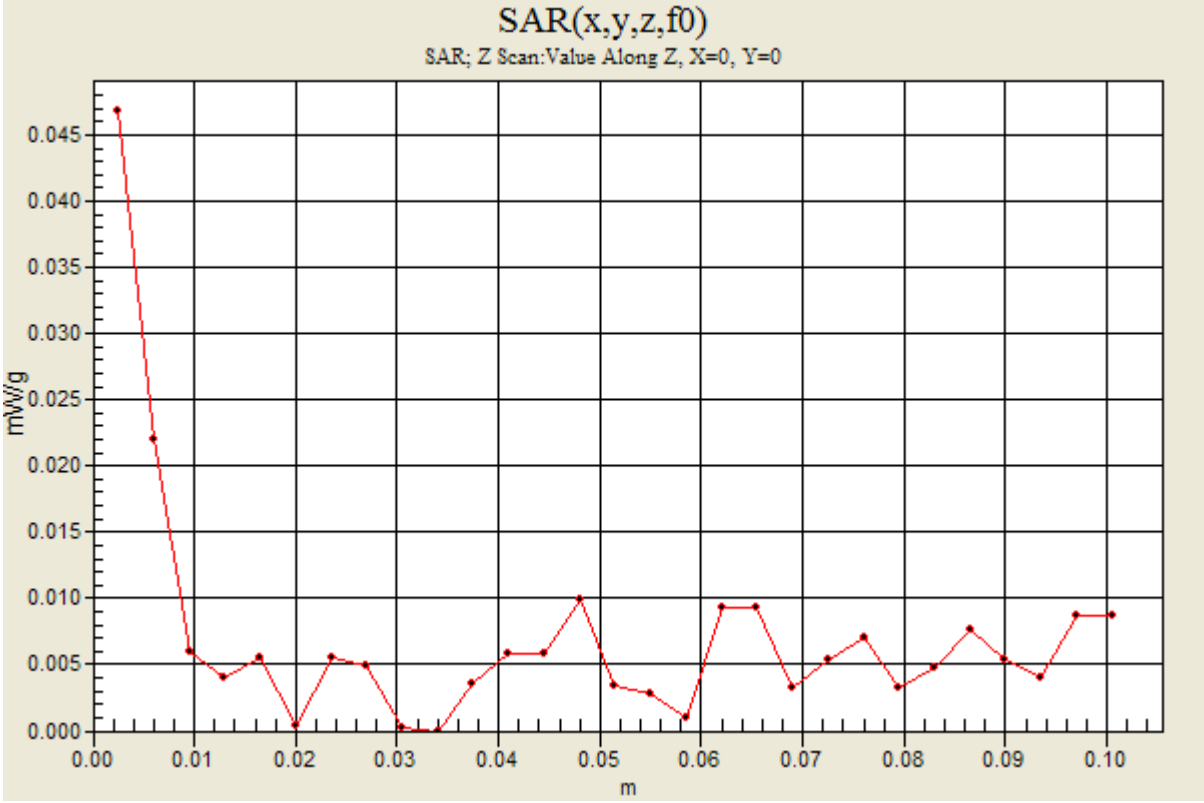
Bottom Face_5 GHz

DUT: Panasonic; Type: N/A; Serial: N/A

Communication System: 802.11abgn; Frequency: 5600 MHz;Duty Cycle: 1:1

5.5GHz_802.11a_ Ant A_Ch 120/Z Scan (1x1x29): Measurement grid: dx=20mm, dy=20mm, dz=3.5mm

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



Date/Time: 5/27/2011 3:34:42 PM

Test Laboratory: UL CCS

Bottom Face_5 GHz

DUT: Panasonic; Type: N/A; Serial: N/A

Communication System: 802.11abgn; Frequency: 5600 MHz;Duty Cycle: 1:1
Medium parameters used: f = 5600 MHz; σ = 5.65 mho/m; ε_r = 51; ρ = 1000 kg/m^3
Phantom section: Flat Section

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

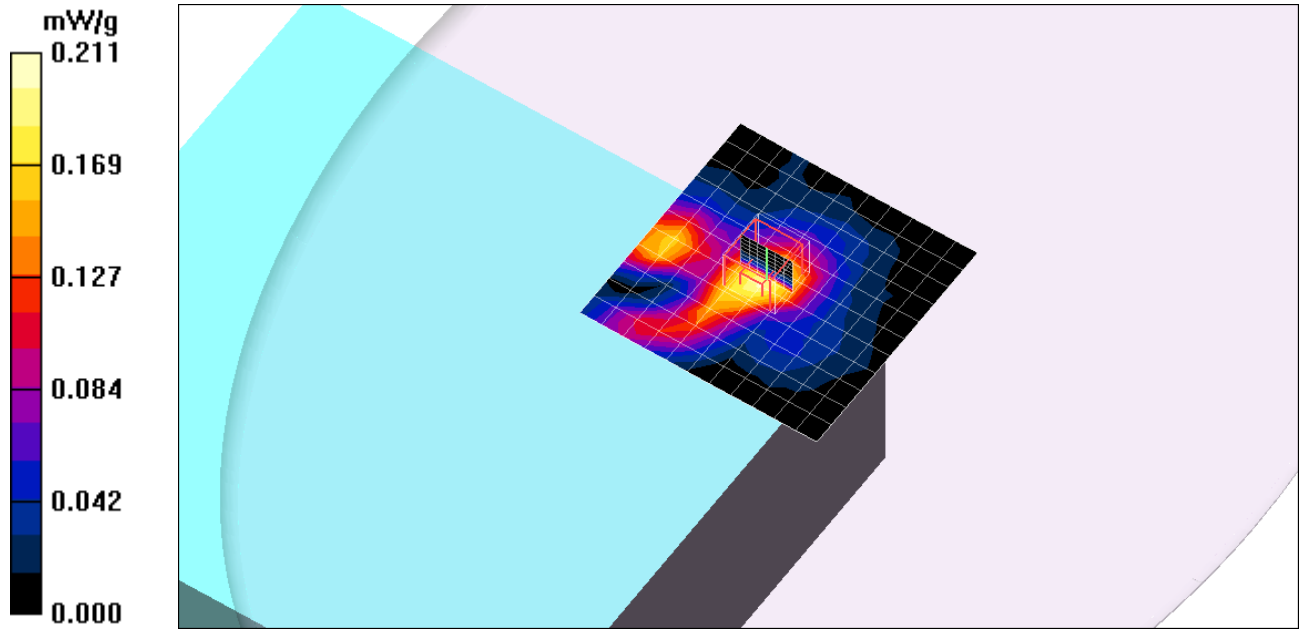
DASY4 Configuration:
- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3749; ConvF(3.36, 3.36, 3.36); Calibrated: 12/13/2010
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn427; Calibrated: 7/21/2010
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN:1003
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

5.5GHz_802.11a_ Ant B_Ch 120/Area Scan (12x12x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.202 mW/g

5.5GHz_802.11a_ Ant B_Ch 120/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 6.76 V/m; Power Drift = 0.021 dB
Peak SAR (extrapolated) = 0.390 W/kg
SAR(1 g) = 0.130 mW/g; SAR(10 g) = 0.053 mW/g
Maximum value of SAR (measured) = 0.211 mW/g



Date/Time: 5/27/2011 3:34:42 PM

Test Laboratory: UL CCS

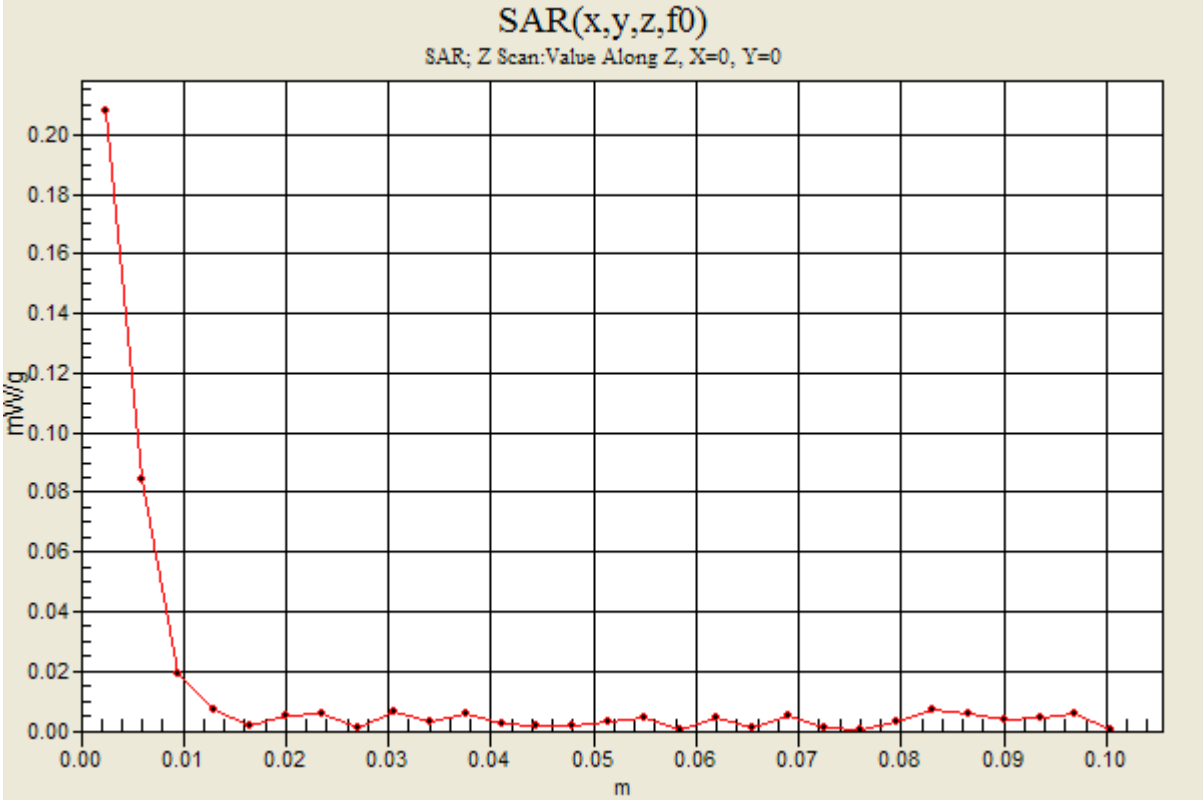
Bottom Face_5 GHz

DUT: Panasonic; Type: N/A; Serial: N/A

Communication System: 802.11abgn; Frequency: 5600 MHz;Duty Cycle: 1:1

5.5GHz_802.11a_ Ant B_Ch 120/Z Scan (1x1x29): Measurement grid: dx=20mm, dy=20mm, dz=3.5mm

Maximum value of SAR (measured) = 0.208 mW/g



Date/Time: 5/27/2011 9:03:38 PM

Test Laboratory: UL CCS

Bottom Face_5 GHz

DUT: Panasonic; Type: N/A; Serial: N/A

Communication System: 802.11abgn; Frequency: 5785 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 5785 MHz; σ = 6.1 mho/m; ε_r = 49.2; ρ = 1000 kg/m^3
Phantom section: Flat Section

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

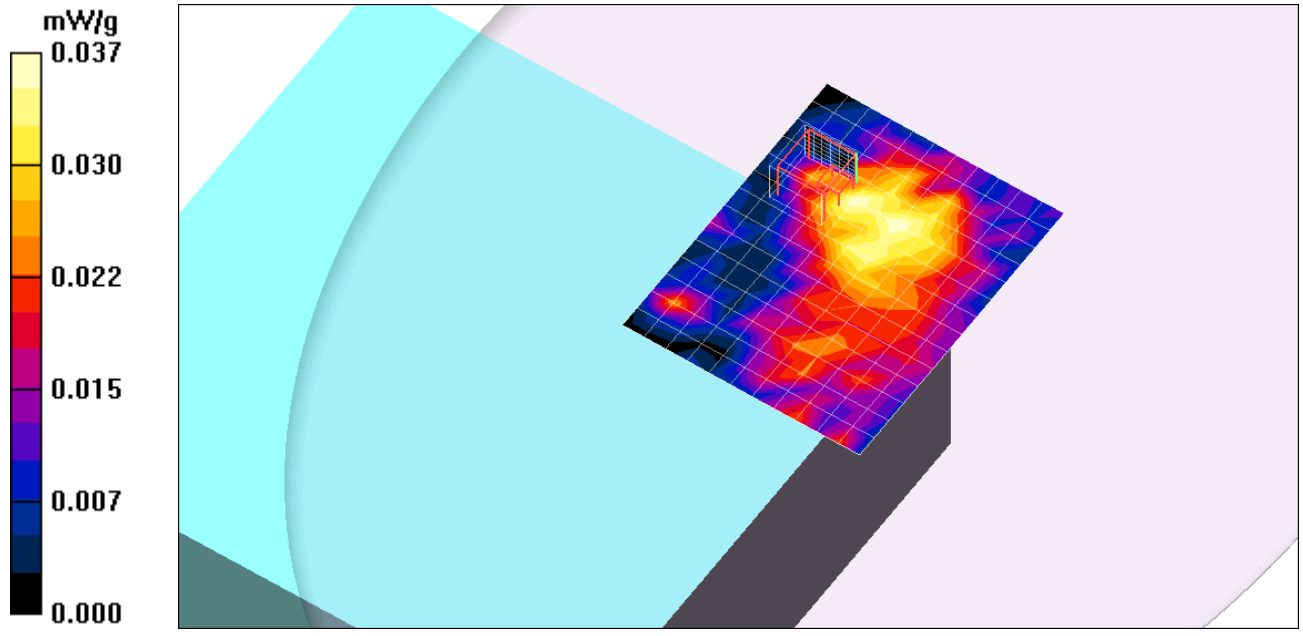
DASY4 Configuration:
- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3749; ConvF(3.65, 3.65, 3.65); Calibrated: 12/13/2010
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn427; Calibrated: 7/21/2010
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN:1003
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

5.8GHz_802.11a_ Ant A_Ch 157/Area Scan (12x15x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.037 mW/g

5.8GHz_802.11a_ Ant A_Ch 157/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 2.62 V/m; Power Drift = 0.015 dB
Peak SAR (extrapolated) = 0.202 W/kg
SAR(1 g) = 0.024 mW/g; SAR(10 g) = 0.00712 mW/g
Maximum value of SAR (measured) = 0.032 mW/g



Date/Time: 5/27/2011 9:38:11 PM

Test Laboratory: UL CCS

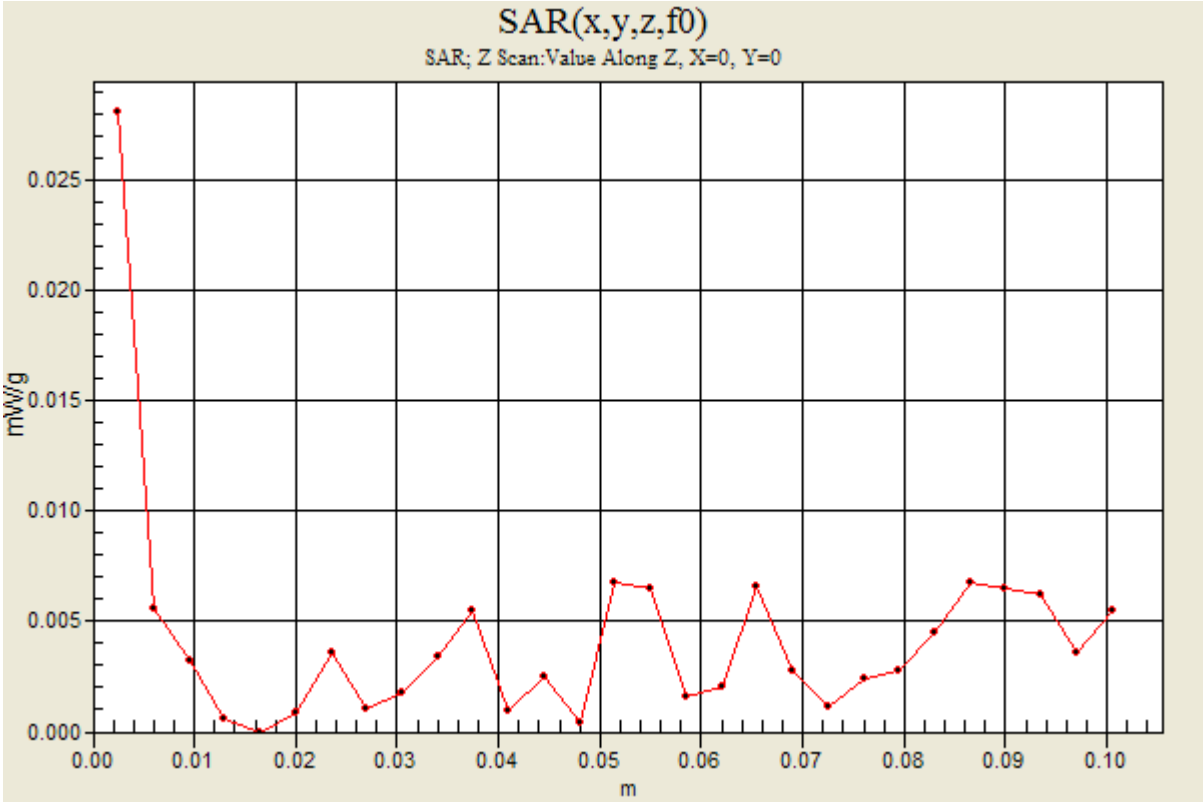
Bottom Face_5 GHz

DUT: Panasonic; Type: N/A; Serial: N/A

Communication System: 802.11abgn; Frequency: 5785 MHz;Duty Cycle: 1:1

5.8GHz_802.11a_ Ant A_Ch 157/Z Scan (1x1x29): Measurement grid: dx=20mm, dy=20mm, dz=3.5mm

Maximum value of SAR (measured) = 0.028 mW/g



Test Laboratory: UL CCS

Bottom Face_5 GHz

DUT: Panasonic; Type: N/A; Serial: N/A

Communication System: 802.11abgn; Frequency: 5785 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 5785 MHz; σ = 6.1 mho/m; ε_r = 49.2; ρ = 1000 kg/m^3
Phantom section: Flat Section

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

DASY4 Configuration:
- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3749; ConvF(3.65, 3.65, 3.65); Calibrated: 12/13/2010
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn427; Calibrated: 7/21/2010
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN:1003
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

5.8GHz_802.11a_ Ant B_Ch 157/Area Scan (15x15x1): Measurement grid: dx=10mm, dy=10mm

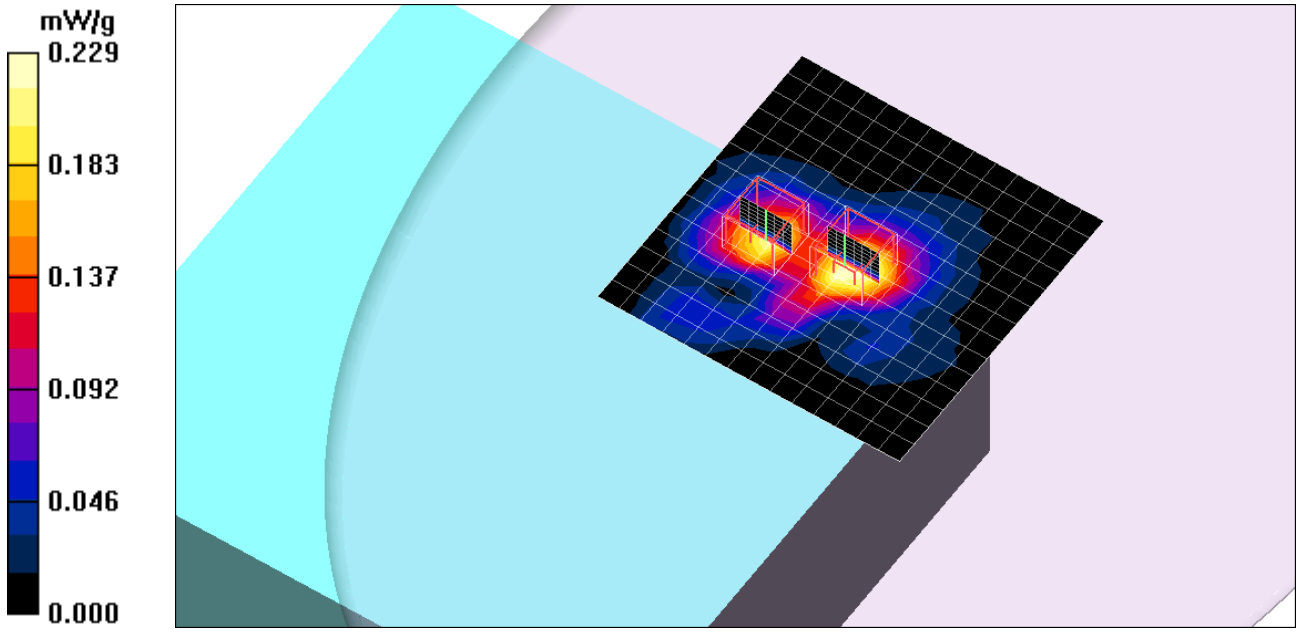
Maximum value of SAR (measured) = 0.235 mW/g

5.8GHz_802.11a_ Ant B_Ch 157/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 6.94 V/m; Power Drift = -0.016 dB
Peak SAR (extrapolated) = 0.429 W/kg
SAR(1 g) = 0.151 mW/g; SAR(10 g) = 0.059 mW/g
Maximum value of SAR (measured) = 0.254 mW/g

5.8GHz_802.11a_ Ant B_Ch 157/Zoom Scan (7x7x9)/Cube 1: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 6.94 V/m; Power Drift = -0.016 dB
Peak SAR (extrapolated) = 0.393 W/kg
SAR(1 g) = 0.131 mW/g; SAR(10 g) = 0.048 mW/g
Maximum value of SAR (measured) = 0.229 mW/g



Test Laboratory: UL CCS

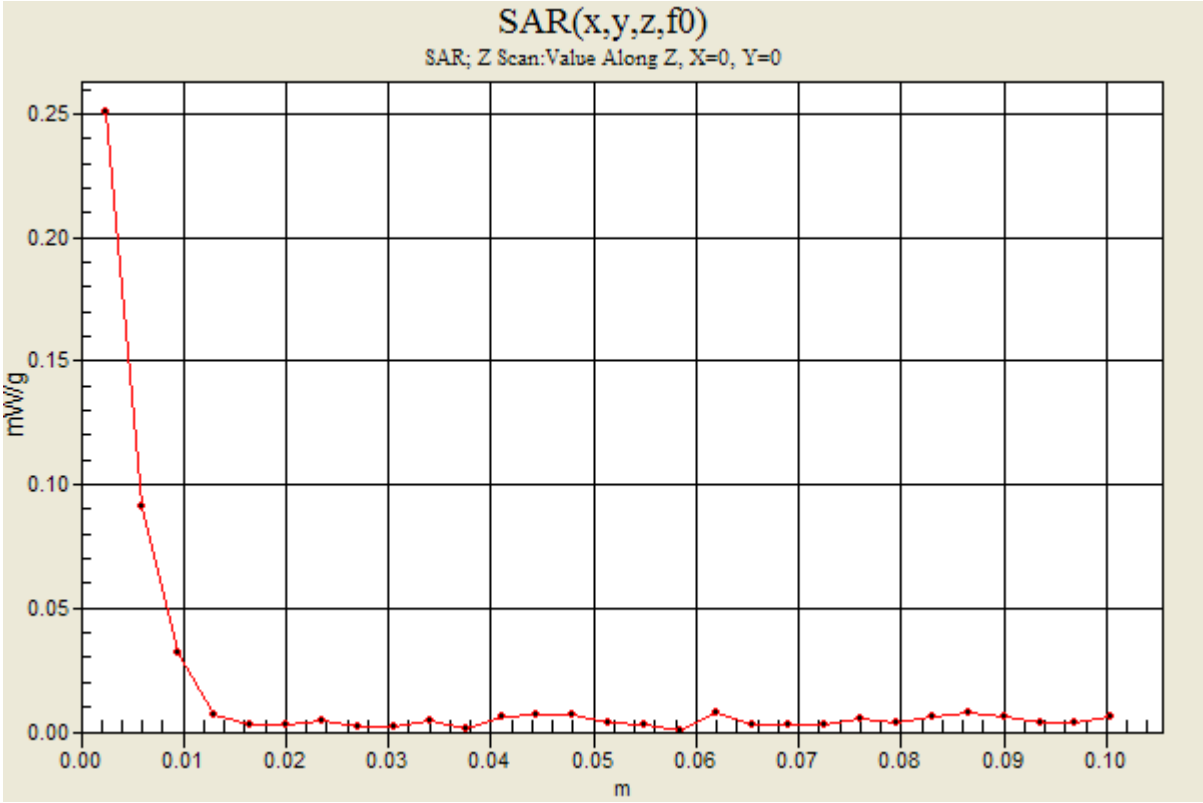
Bottom Face_5 GHz

DUT: Panasonic; Type: N/A; Serial: N/A

Communication System: 802.11abgn; Frequency: 5785 MHz;Duty Cycle: 1:1

5.8GHz_802.11a_ Ant B_Ch 157/Z Scan (1x1x29): Measurement grid: dx=20mm, dy=20mm, dz=3.5mm

Maximum value of SAR (measured) = 0.251 mW/g



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Test Laboratory: UL CCS

Primary Portrait_5 GHz

DUT: Panasonic; Type: N/A; Serial: N/A

Communication System: 802.11abgn; Frequency: 5200 MHz;Duty Cycle: 1:1
Medium parameters used: f = 5200 MHz; σ = 5.24 mho/m; ε_r = 50.3; ρ = 1000 kg/m^3
Phantom section: Flat Section

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

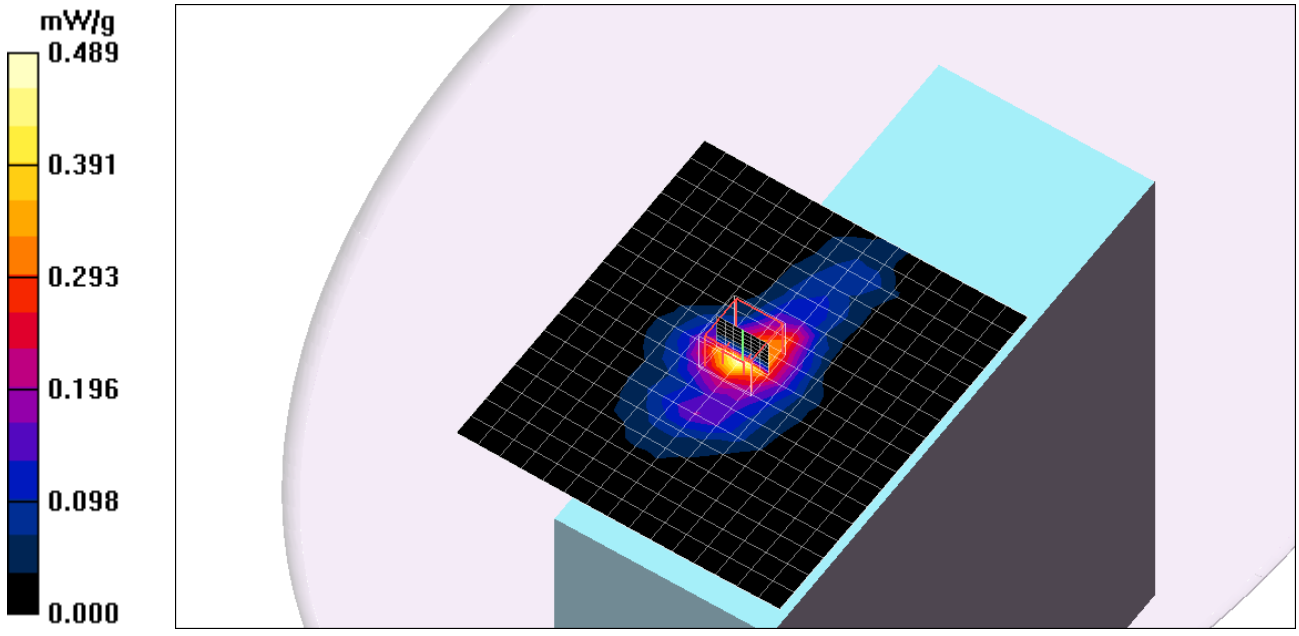
DASY4 Configuration:
- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3749; ConvF(4.07, 4.07, 4.07); Calibrated: 12/13/2010
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn427; Calibrated: 7/21/2010
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN:1003
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

5.2 GHz_802.11a_Ant B_Ch 40/Area Scan (16x18x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.474 mW/g

5.2 GHz_802.11a_Ant B_Ch 40/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 4.97 V/m; Power Drift = -0.022 dB
Peak SAR (extrapolated) = 0.825 W/kg
SAR(1 g) = 0.297 mW/g; SAR(10 g) = 0.115 mW/g
Maximum value of SAR (measured) = 0.489 mW/g



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Test Laboratory: UL CCS

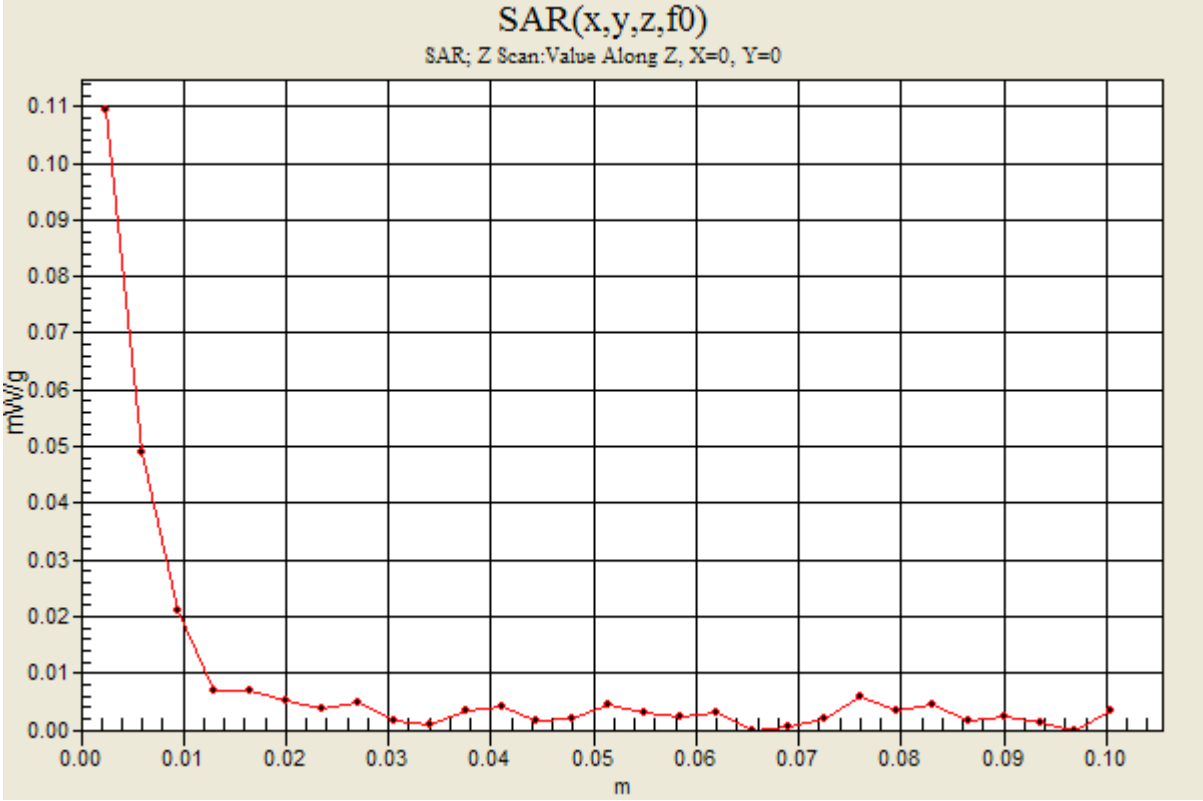
Primary Portrait_5 GHz

DUT: Panasonic; Type: N/A; Serial: N/A

Communication System: 802.11abgn; Frequency: 5200 MHz;Duty Cycle: 1:1

5.2 GHz_802.11a_Ant B_Ch 40/Z Scan (1x1x29): Measurement grid: dx=20mm, dy=20mm, dz=3.5mm

Maximum value of SAR (measured) = 0.109 mW/g



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Test Laboratory: UL CCS

Primary Portrait_5 GHz

DUT: Panasonic; Type: N/A; Serial: N/A

Communication System: 802.11abgn; Frequency: 5270 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 5270 MHz; σ = 5.34 mho/m; ε_r = 50.2; ρ = 1000 kg/m^3
Phantom section: Flat Section

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

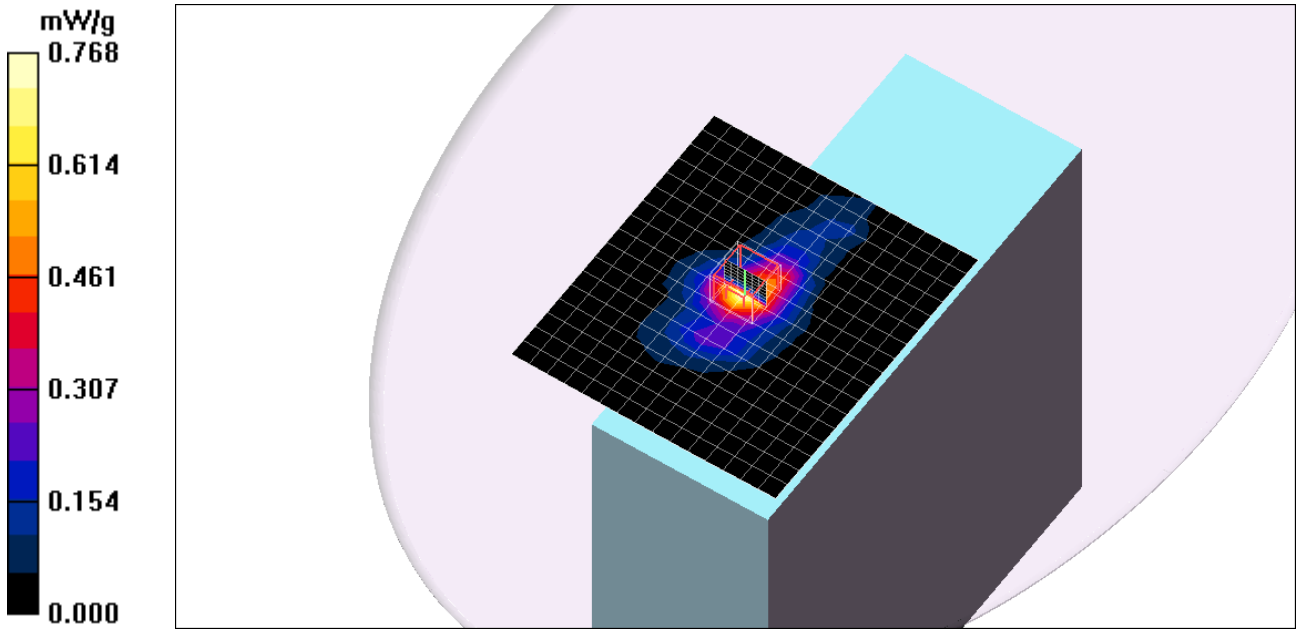
DASY4 Configuration:
- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3749; ConvF(3.88, 3.88, 3.88); Calibrated: 12/13/2010
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn427; Calibrated: 7/21/2010
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN:1003
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

5.3 GHz_802.11n HT 40_Ant B_Ch 54/Area Scan (16x18x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.774 mW/g

5.3 GHz_802.11n HT 40_Ant B_Ch 54/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 13.1 V/m; Power Drift = 0.021 dB
Peak SAR (extrapolated) = 1.34 W/kg
SAR(1 g) = 0.471 mW/g; SAR(10 g) = 0.181 mW/g
Maximum value of SAR (measured) = 0.768 mW/g



Date/Time: 5/31/2011 5:36:27 PM

Test Laboratory: UL CCS

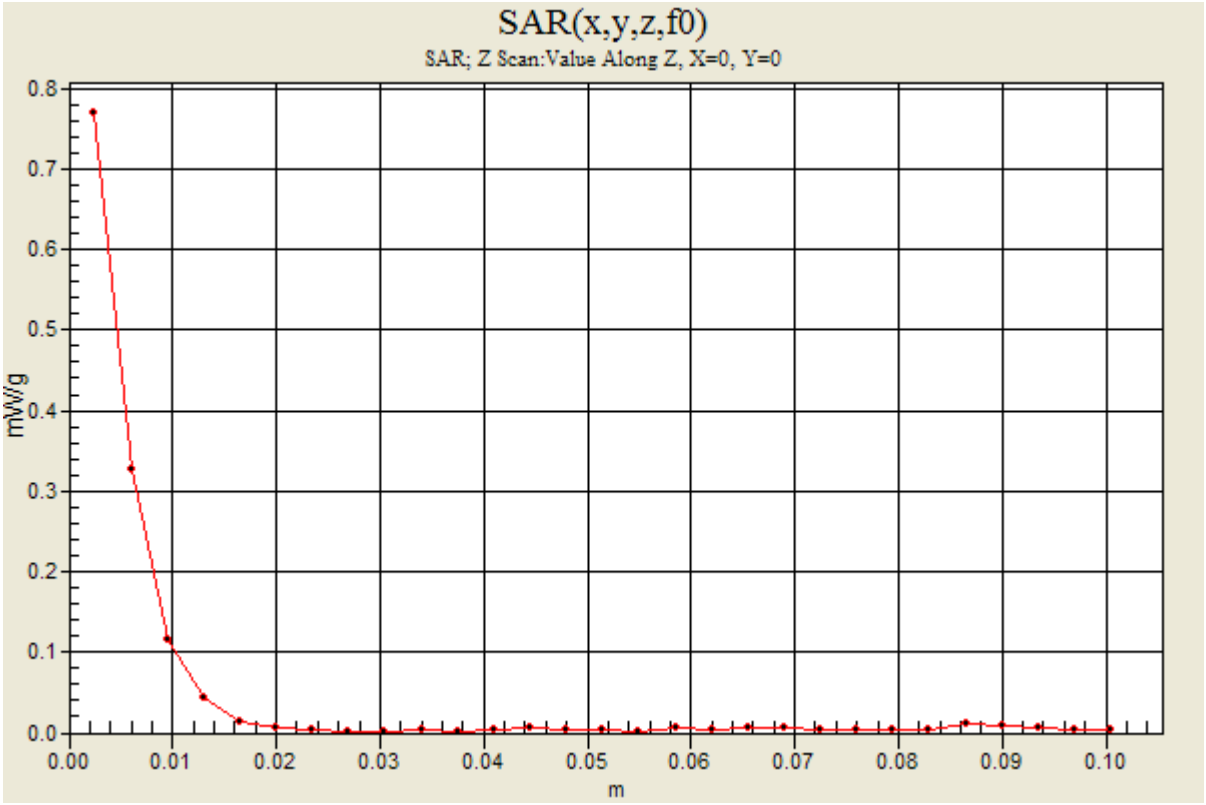
Primary Portrait_5 GHz

DUT: Panasonic; Type: N/A; Serial: N/A

Communication System: 802.11abgn; Frequency: 5270 MHz;Duty Cycle: 1:1

5.3 GHz_802.11n HT 40_Ant B_Ch 54/Z Scan (1x1x29): Measurement grid: dx=20mm, dy=20mm, dz=3.5mm.

Maximum value of SAR (measured) = 0.769 mW/g



Date/Time: 5/31/2011 6:05:55 PM

Test Laboratory: UL CCS

Primary Portrait_5 GHz

DUT: Panasonic; Type: N/A; Serial: N/A

Communication System: 802.11abgn; Frequency: 5600 MHz;Duty Cycle: 1:1
Medium parameters used: f = 5600 MHz; σ = 5.82 mho/m; ε_r = 49.6; ρ = 1000 kg/m^3
Phantom section: Flat Section

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

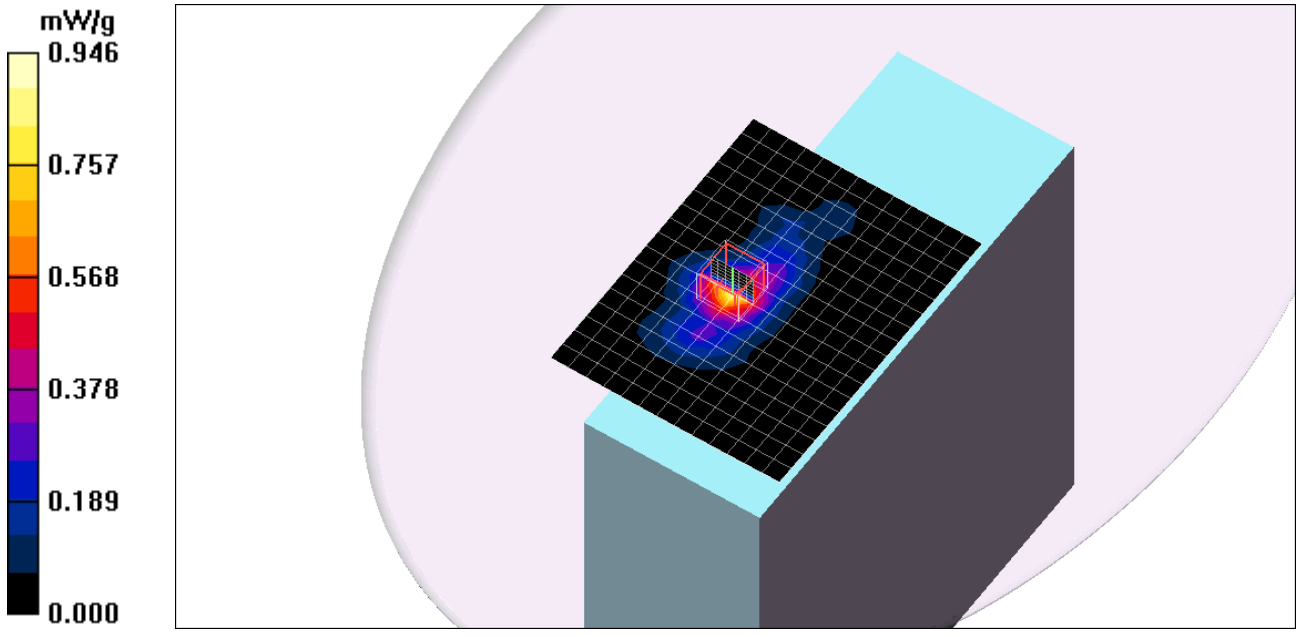
DASY4 Configuration:
- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3749; ConvF(3.36, 3.36, 3.36); Calibrated: 12/13/2010
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn427; Calibrated: 7/21/2010
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN:1003
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

5.5GHz_802.11a_ Ant B_Ch 120/Area Scan (14x18x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.916 mW/g

5.5GHz_802.11a_ Ant B_Ch 120/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 13.9 V/m; Power Drift = 0.008 dB
Peak SAR (extrapolated) = 1.63 W/kg
SAR(1 g) = 0.557 mW/g; SAR(10 g) = 0.205 mW/g
Maximum value of SAR (measured) = 0.946 mW/g



Date/Time: 5/31/2011 6:42:39 PM

Test Laboratory: UL CCS

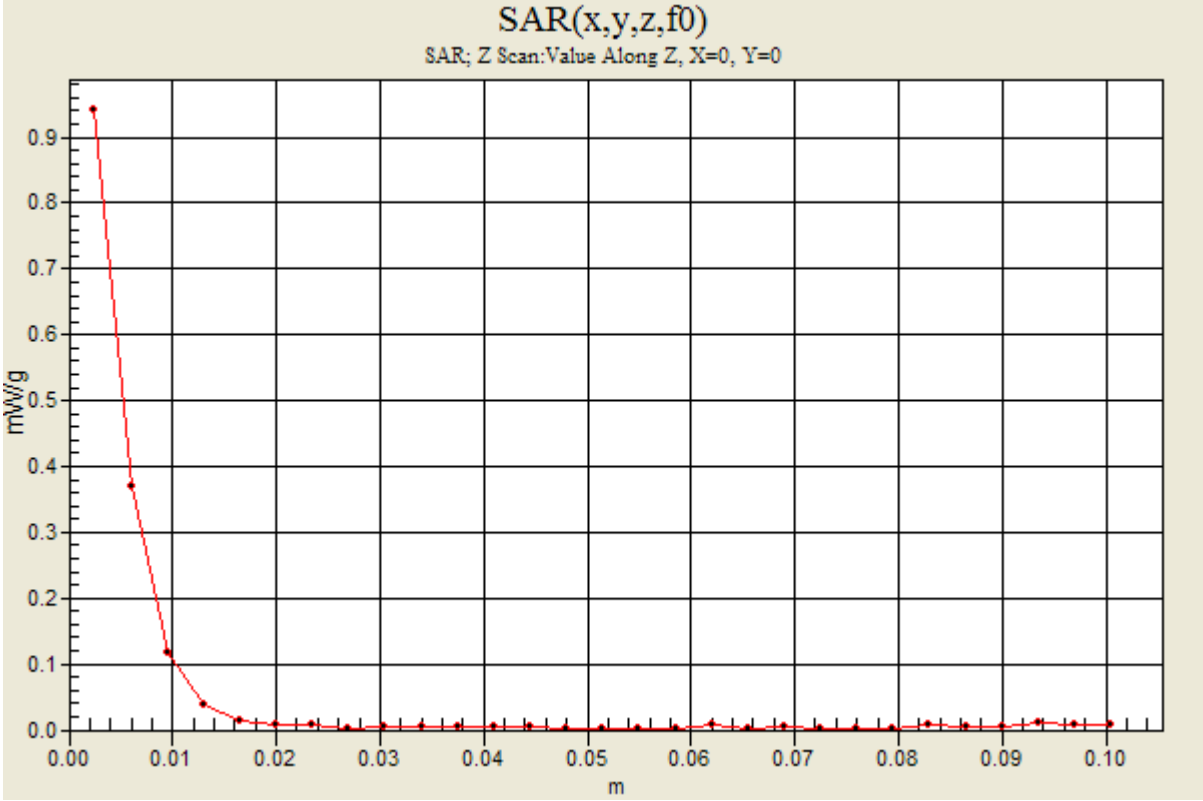
Primary Portrait_5 GHz

DUT: Panasonic; Type: N/A; Serial: N/A

Communication System: 802.11abgn; Frequency: 5600 MHz;Duty Cycle: 1:1

5.5GHz_802.11a_ Ant B_Ch 120/Z Scan (1x1x29): Measurement grid: dx=20mm, dy=20mm, dz=3.5mm

Maximum value of SAR (measured) = 0.941 mW/g



Date/Time: 5/28/2011 12:25:27 AM

Test Laboratory: UL CCS

Primary Portrait_5 GHz

DUT: Panasonic; Type: N/A; Serial: N/A

Communication System: 802.11abgn; Frequency: 5785 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 5785 MHz; σ = 6.1 mho/m; ε_r = 49.2; ρ = 1000 kg/m^3
Phantom section: Flat Section

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

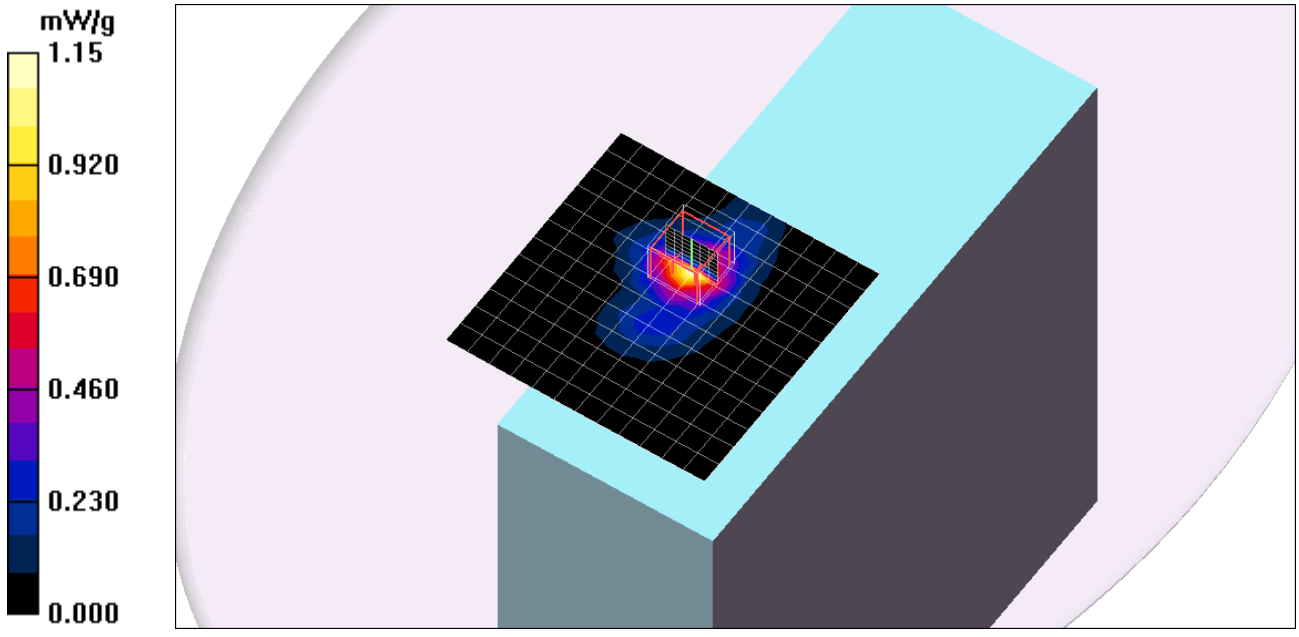
DASY4 Configuration:
- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3749; ConvF(3.65, 3.65, 3.65); Calibrated: 12/13/2010
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn427; Calibrated: 7/21/2010
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN:1003
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

5.8GHz_802.11a_ Ant B_Ch 157/Area Scan (13x13x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 1.13 mW/g

5.8GHz_802.11a_ Ant B_Ch 157/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 14.9 V/m; Power Drift = -0.009 dB
Peak SAR (extrapolated) = 2.10 W/kg
SAR(1 g) = 0.681 mW/g; SAR(10 g) = 0.239 mW/g
Maximum value of SAR (measured) = 1.15 mW/g



Date/Time: 5/28/2011 12:57:12 AM

Test Laboratory: UL CCS

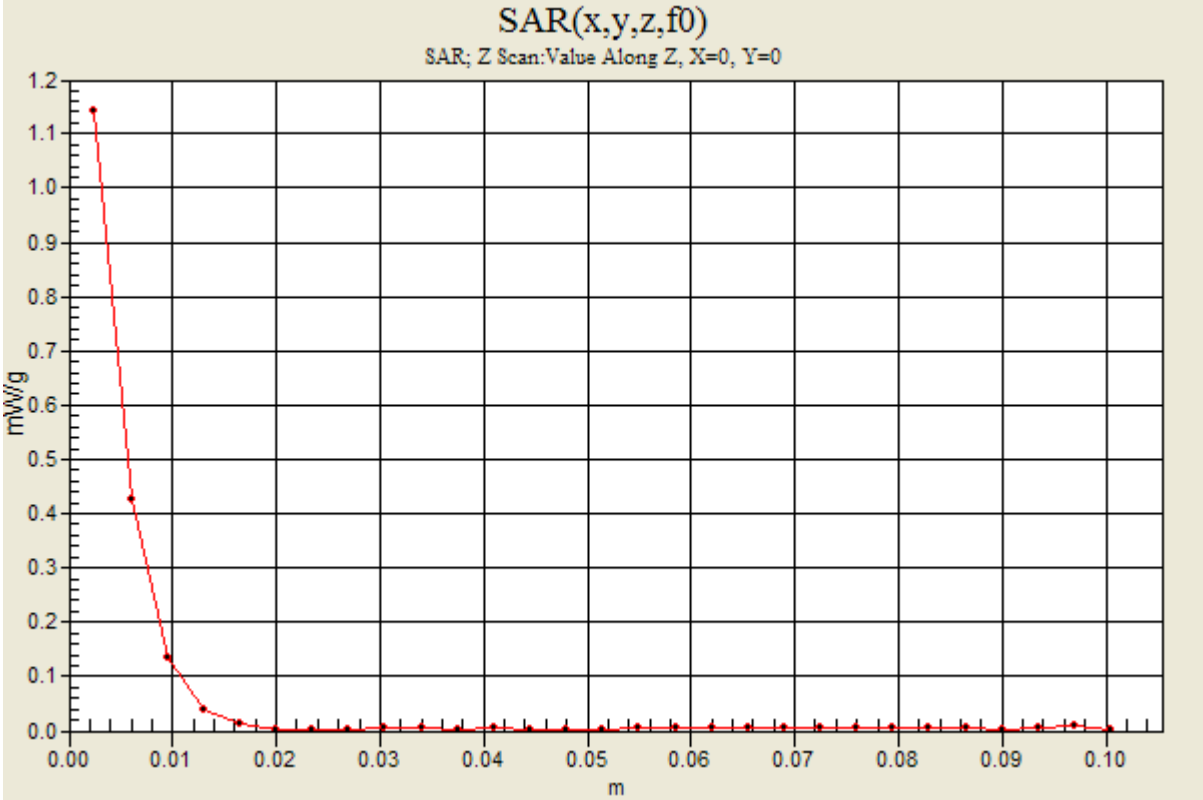
Primary Portrait_5 GHz

DUT: Panasonic; Type: N/A; Serial: N/A

Communication System: 802.11abgn; Frequency: 5785 MHz;Duty Cycle: 1:1

5.8GHz_802.11a_ Ant B_Ch 157/Z Scan (1x1x29): Measurement grid: dx=20mm, dy=20mm, dz=3.5mm

Maximum value of SAR (measured) = 1.14 mW/g



Date/Time: 5/31/2011 12:12:18 PM

Test Laboratory: UL CCS

Secondary Portrait_5 GHz

DUT: Panasonic; Type: N/A; Serial: N/A

Communication System: 802.11abgn; Frequency: 5200 MHz;Duty Cycle: 1:1
Medium parameters used: f = 5200 MHz; σ = 5.24 mho/m; ε_r = 50.3; ρ = 1000 kg/m^3
Phantom section: Flat Section

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

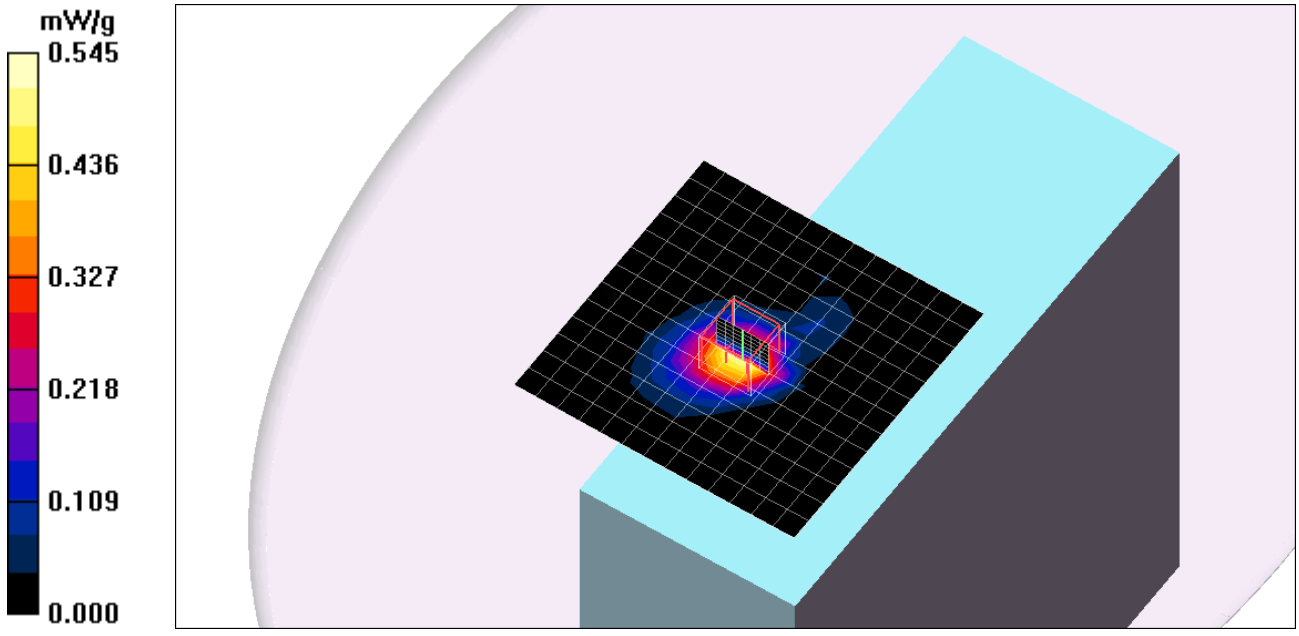
DASY4 Configuration:
- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3749; ConvF(4.07, 4.07, 4.07); Calibrated: 12/13/2010
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn427; Calibrated: 7/21/2010
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN:1003
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

5.2 GHz_802.11a_Ant A_Ch 40/Area Scan (14x14x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.522 mW/g

5.2 GHz_802.11a_Ant A_Ch 40/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 10.9 V/m; Power Drift = 0.017 dB
Peak SAR (extrapolated) = 0.960 W/kg
SAR(1 g) = 0.343 mW/g; SAR(10 g) = 0.136 mW/g
Maximum value of SAR (measured) = 0.545 mW/g



Date/Time: 5/31/2011 12:43:00 PM

Test Laboratory: UL CCS

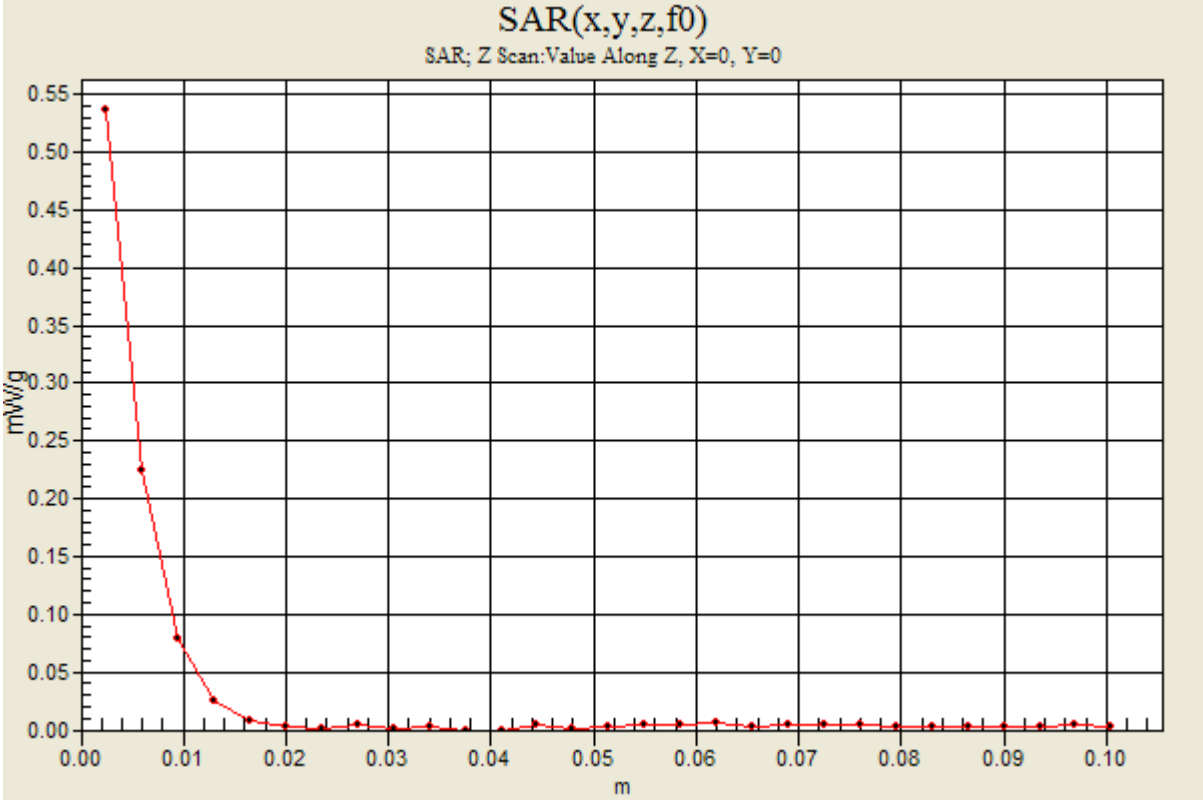
Secondary Portrait_5 GHz

DUT: Panasonic; Type: N/A; Serial: N/A

Communication System: 802.11abgn; Frequency: 5200 MHz;Duty Cycle: 1:1

5.2 GHz_802.11a_Ant A_Ch 40/Z Scan (1x1x29): Measurement grid: dx=20mm, dy=20mm, dz=3.5mm

Maximum value of SAR (measured) = 0.536 mW/g



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Test Laboratory: UL CCS

Secondary Portrait_5 GHz

DUT: Panasonic; Type: N/A; Serial: N/A

Communication System: 802.11abgn; Frequency: 5300 MHz;Duty Cycle: 1:1
Medium parameters used: f = 5300 MHz; σ = 5.38 mho/m; ε_r = 50.1; ρ = 1000 kg/m^3
Phantom section: Flat Section

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

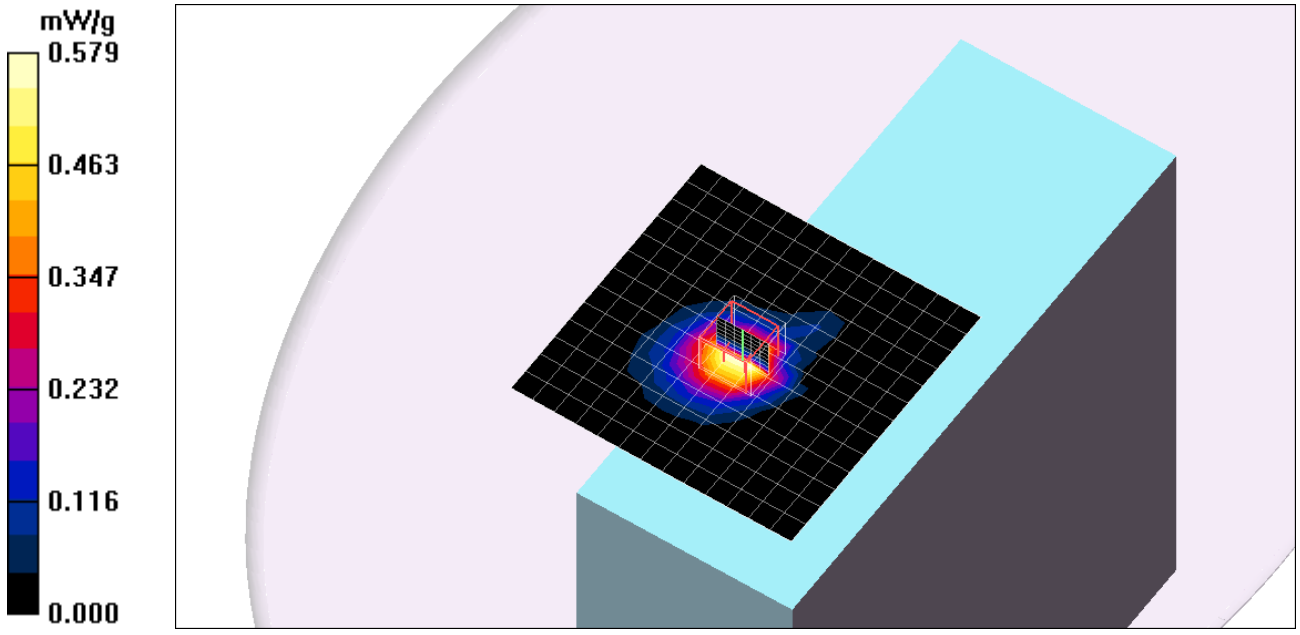
DASY4 Configuration:
- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3749; ConvF(3.88, 3.88, 3.88); Calibrated: 12/13/2010
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn427; Calibrated: 7/21/2010
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN:1003
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

5.3 GHz_802.11a_Ant A_Ch 60/Area Scan (14x14x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.579 mW/g

5.3 GHz_802.11a_Ant A_Ch 60/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 11.3 V/m; Power Drift = -0.21 dB
Peak SAR (extrapolated) = 1.09 W/kg
SAR(1 g) = 0.396 mW/g; SAR(10 g) = 0.159 mW/g
Maximum value of SAR (measured) = 0.632 mW/g



Date/Time: 5/31/2011 1:43:02 PM

Test Laboratory: UL CCS

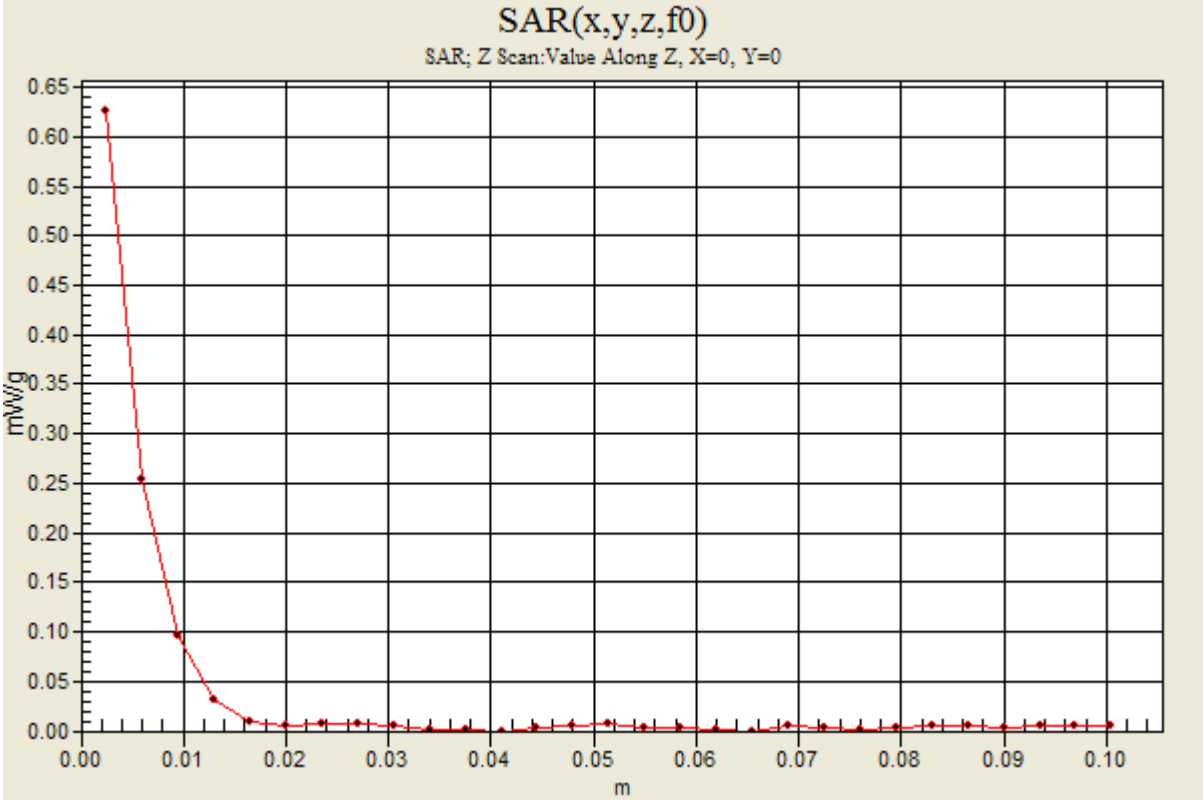
Secondary Portrait_5 GHz

DUT: Panasonic; Type: N/A; Serial: N/A

Communication System: 802.11abgn; Frequency: 5300 MHz;Duty Cycle: 1:1

5.3 GHz_802.11a_Ant A_Ch 60/Z Scan (1x1x29): Measurement grid: dx=20mm, dy=20mm, dz=3.5mm

Maximum value of SAR (measured) = 0.626 mW/g



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Test Laboratory: UL CCS

Secondary Portrait_5 GHz

DUT: Panasonic; Type: N/A; Serial: N/A

Communication System: 802.11abgn; Frequency: 5270 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 5270 MHz; σ = 5.34 mho/m; ε_r = 50.2; ρ = 1000 kg/m^3
Phantom section: Flat Section

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

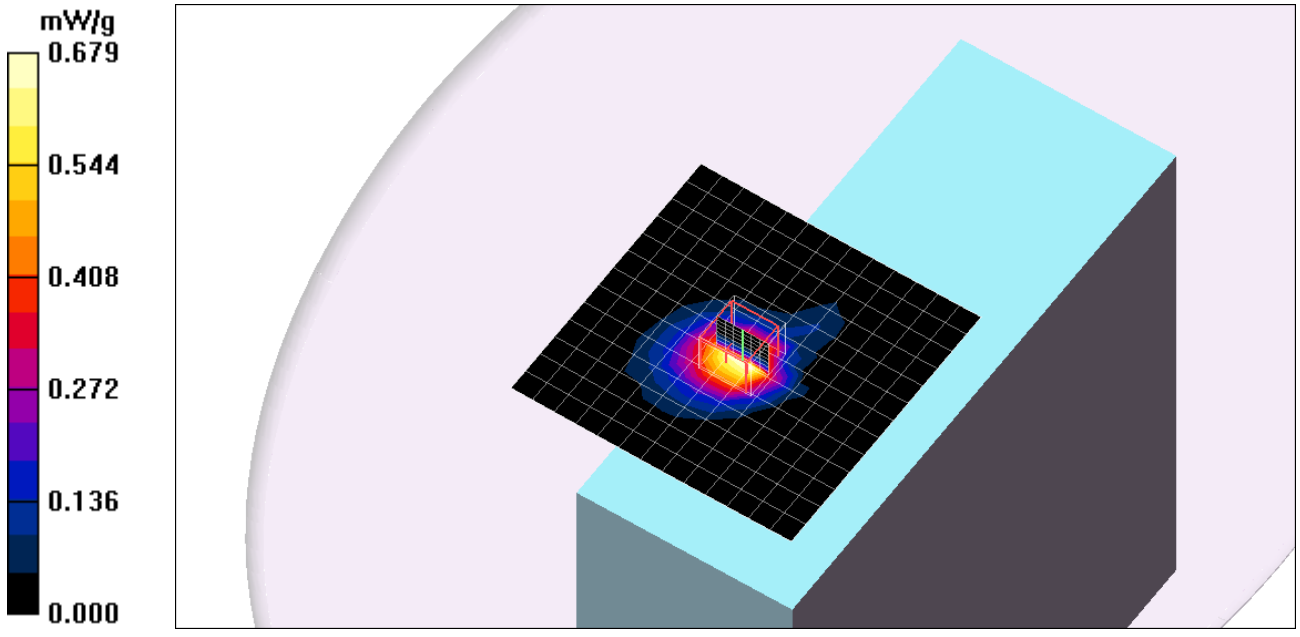
DASY4 Configuration:
- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3749; ConvF(3.88, 3.88, 3.88); Calibrated: 12/13/2010
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn427; Calibrated: 7/21/2010
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN:1003
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

5.3 GHz_802.11n HT 40_Ant A_Ch 54/Area Scan (14x14x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.679 mW/g

5.3 GHz_802.11n HT 40_Ant A_Ch 54/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 12.2 V/m; Power Drift = 0.20 dB
Peak SAR (extrapolated) = 1.22 W/kg
SAR(1 g) = 0.452 mW/g; SAR(10 g) = 0.182 mW/g
Maximum value of SAR (measured) = 0.722 mW/g



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Test Laboratory: UL CCS

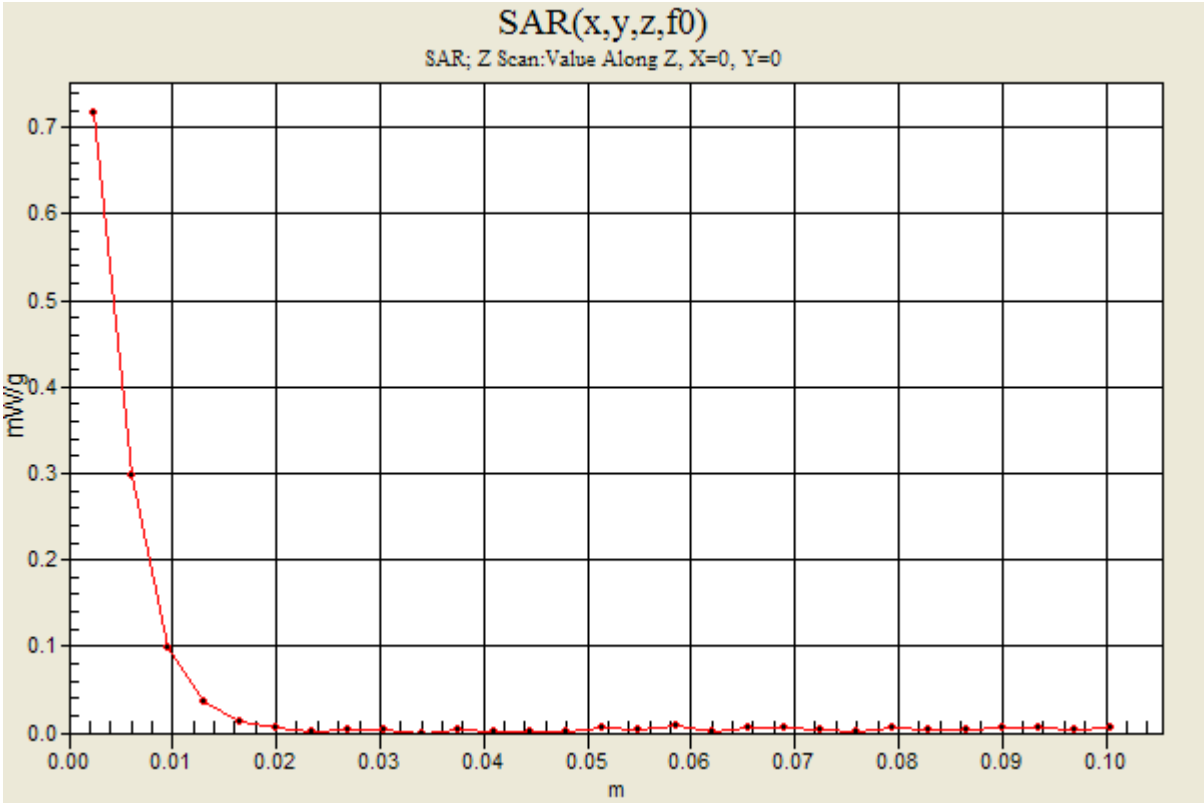
Secondary Portrait_5 GHz

DUT: Panasonic; Type: N/A; Serial: N/A

Communication System: 802.11abgn; Frequency: 5270 MHz;Duty Cycle: 1:1

5.3 GHz_802.11n HT 40_Ant A_Ch 54/Z Scan (1x1x29): Measurement grid: dx=20mm, dy=20mm, dz=3.5mm

Maximum value of SAR (measured) = 0.717 mW/g



Date/Time: 5/31/2011 2:37:05 PM

Test Laboratory: UL CCS

Secondary Portrait_5 GHz

DUT: Panasonic; Type: N/A; Serial: N/A

Communication System: 802.11abgn; Frequency: 5600 MHz;Duty Cycle: 1:1
Medium parameters used: f = 5600 MHz; σ = 5.82 mho/m; ε_r = 49.6; ρ = 1000 kg/m^3
Phantom section: Flat Section

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

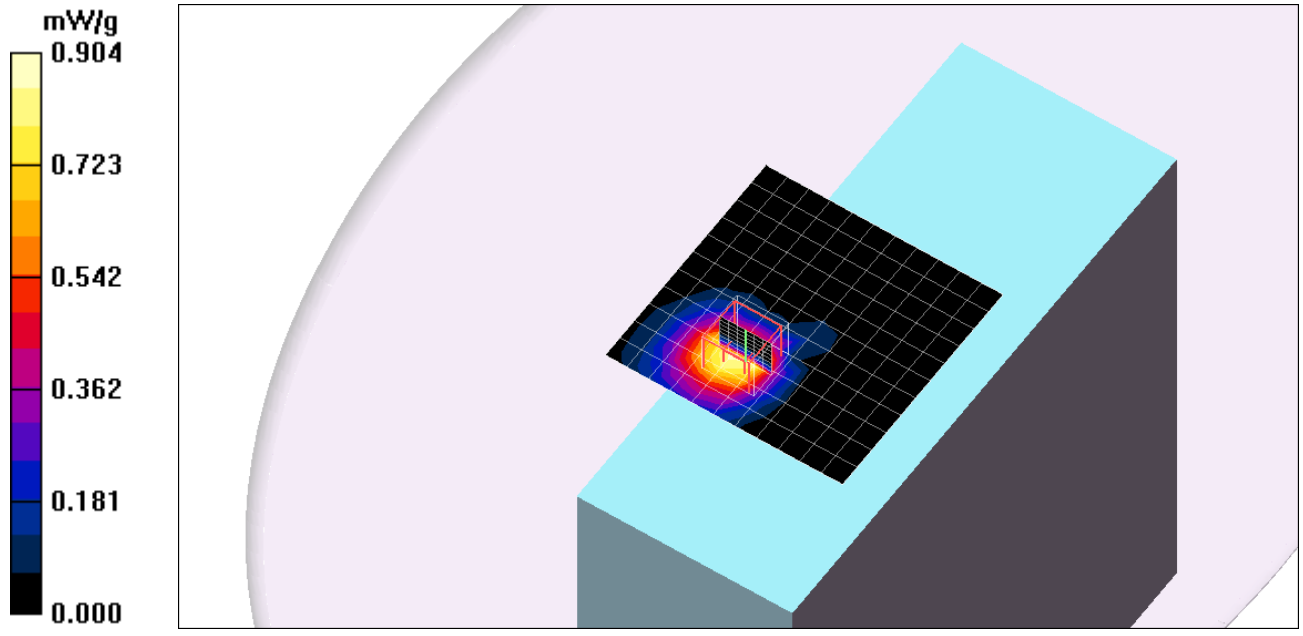
DASY4 Configuration:
- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3749; ConvF(3.36, 3.36, 3.36); Calibrated: 12/13/2010
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn427; Calibrated: 7/21/2010
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN:1003
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

5.5GHz_802.11a_ Ant A_Ch 120/Area Scan (12x12x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.904 mW/g

5.5GHz_802.11a_ Ant A_Ch 120/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 13.8 V/m; Power Drift = -0.018 dB
Peak SAR (extrapolated) = 1.72 W/kg
SAR(1 g) = 0.604 mW/g; SAR(10 g) = 0.242 mW/g
Maximum value of SAR (measured) = 0.997 mW/g



Date/Time: 5/31/2011 2:37:05 PM

Test Laboratory: UL CCS

Secondary Portrait_5 GHz

DUT: Panasonic; Type: N/A; Serial: N/A

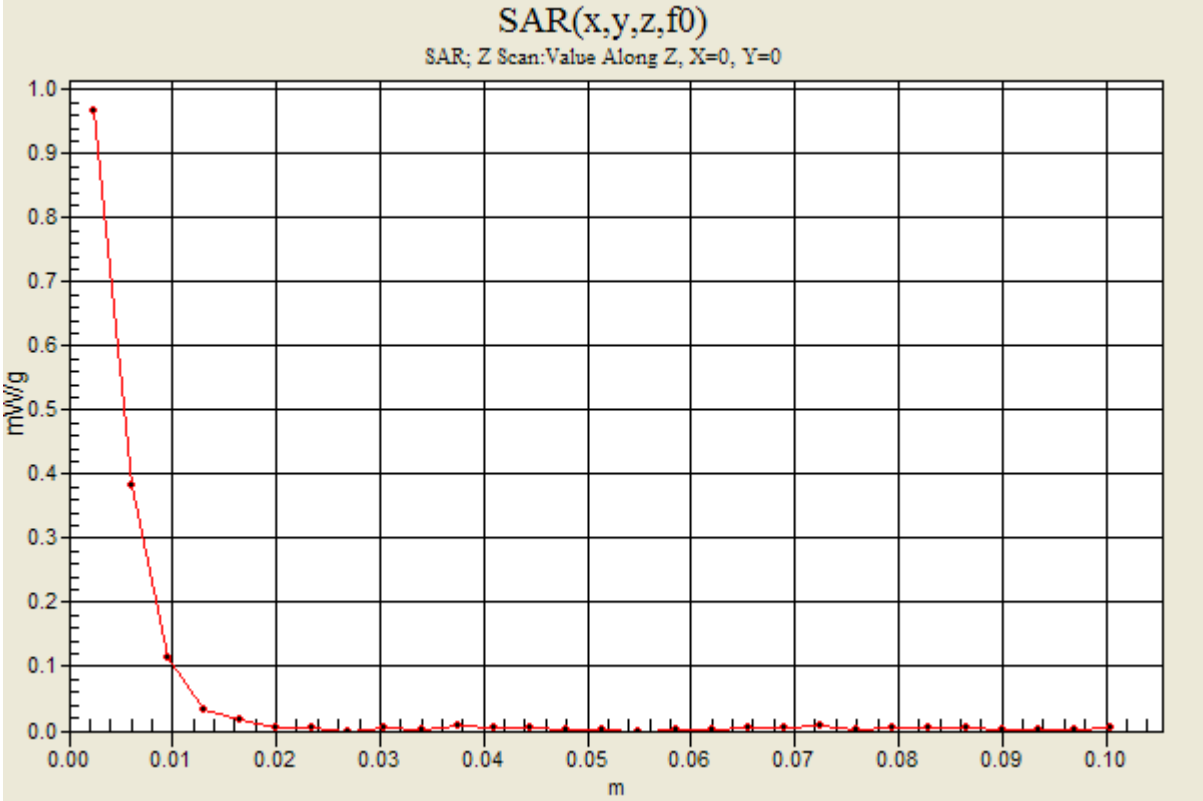
Communication System: 802.11abgn; Frequency: 5600 MHz;Duty Cycle: 1:1

5.5GHz_802.11a_ Ant A_Ch 120/Area Scan (12x12x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.904 mW/g

5.5GHz_802.11a_ Ant A_Ch 120/Z Scan (1x1x29): Measurement grid: dx=20mm, dy=20mm, dz=3.5mm

Maximum value of SAR (measured) = 0.967 mW/g



Date/Time: 5/27/2011 11:34:46 PM

Test Laboratory: UL CCS

Secondary Portrait_5 GHz

DUT: Panasonic; Type: N/A; Serial: N/A

Communication System: 802.11abgn; Frequency: 5785 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 5785 MHz; σ = 6.1 mho/m; ε_r = 49.2; ρ = 1000 kg/m^3
Phantom section: Flat Section

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

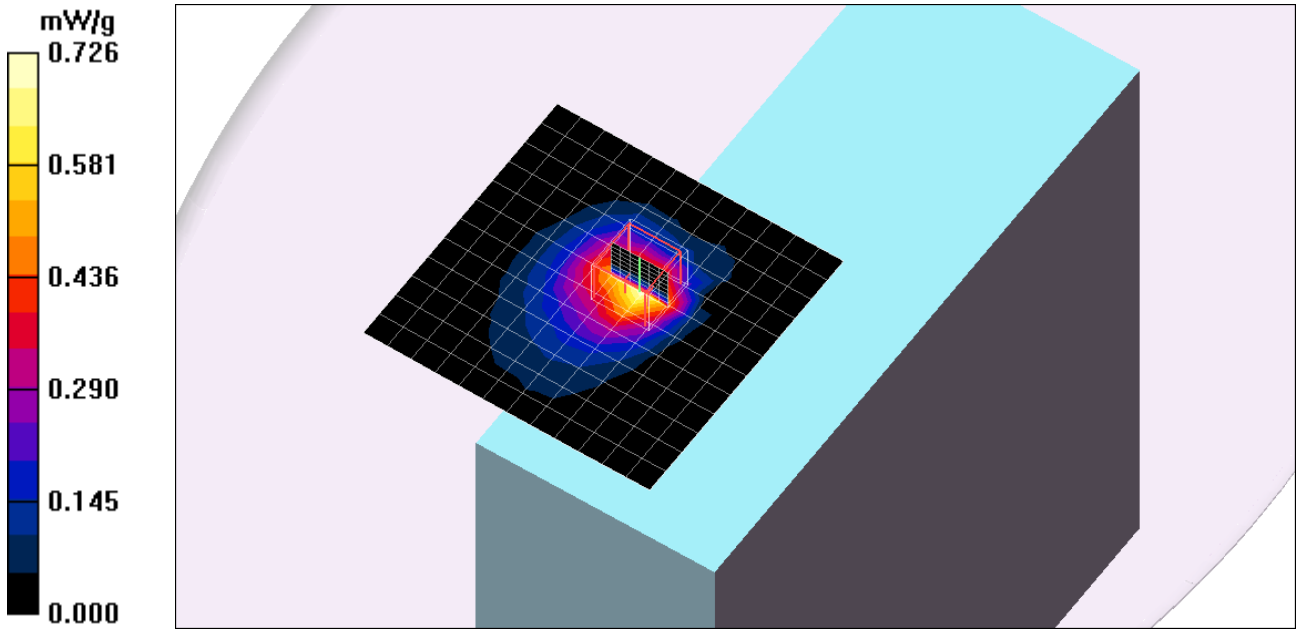
DASY4 Configuration:
- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3749; ConvF(3.65, 3.65, 3.65); Calibrated: 12/13/2010
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn427; Calibrated: 7/21/2010
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN:1003
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

5.8GHz_802.11a_ Ant A_Ch 157/Area Scan (13x13x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.730 mW/g

5.8GHz_802.11a_ Ant A_Ch 157/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 12.1 V/m; Power Drift = -0.12 dB
Peak SAR (extrapolated) = 1.30 W/kg
SAR(1 g) = 0.444 mW/g; SAR(10 g) = 0.176 mW/g
Maximum value of SAR (measured) = 0.726 mW/g



Date/Time: 5/28/2011 12:06:30 AM

Test Laboratory: UL CCS

Secondary Portrait_5 GHz

DUT: Panasonic; Type: N/A; Serial: N/A

Communication System: 802.11abgn; Frequency: 5785 MHz;Duty Cycle: 1:1

5.8GHz_802.11a_ Ant A_Ch 157/Z Scan (1x1x29): Measurement grid: dx=20mm, dy=20mm, dz=3.5mm

Maximum value of SAR (measured) = 0.732 mW/g