Test Laboratory: A Test Lab Techno Corp. Date/Time: 10/5/2007 3:34:06 PM

Flat_IEEE 802.11g CH11_54M_Close Body _NB DELL-PP20L

DUT: NWD210N; Type: Wireless N USB Adapter; FCC ID:I88NWD210N

Communication System: IEEE 802.11g; Frequency: 2462 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2462 MHz; σ = 1.94 mho/m; ε_r = 52.5; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

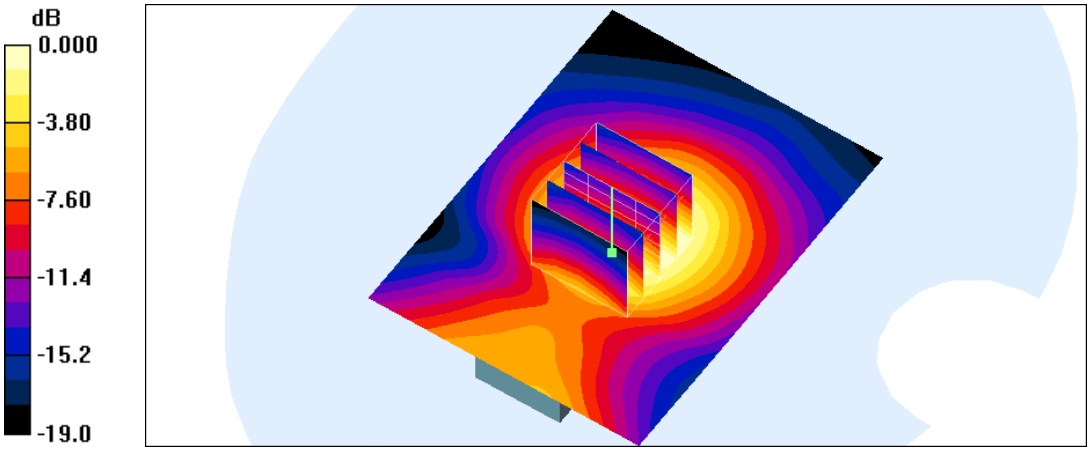
- Probe: ET3DV6 - SN1531; ConvF(4.09, 4.09, 4.09); Calibrated: 1/22/2007
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 10/16/2006
- Phantom: SAM 12; Type: SAM v4.0; Serial: TP:1009
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Flat/Area Scan (61x81x1):

Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.337 mW/g

Flat/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.42 V/m; Power Drift = -0.040 dB
Peak SAR (extrapolated) = 0.558 W/kg
SAR(1 g) = 0.287 mW/g; SAR(10 g) = 0.167 mW/g
Maximum value of SAR (measured) = 0.299 mW/g



0 dB = 0.299mW/g

Test Laboratory: A Test Lab Techno Corp. Date/Time: 10/2/2007 8:48:13 PM

Flat_IEEE 802.11n CH1_20M mode_Dual TX 13M_Close Body _NB DELL-PP19L

DUT: NWD210N; Type: Wireless N USB Adapter; FCC ID:I88NWD210N

Communication System: IEEE 802.11n; Frequency: 2412 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2412 MHz; σ = 1.89 mho/m; ε_r = 52.6; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

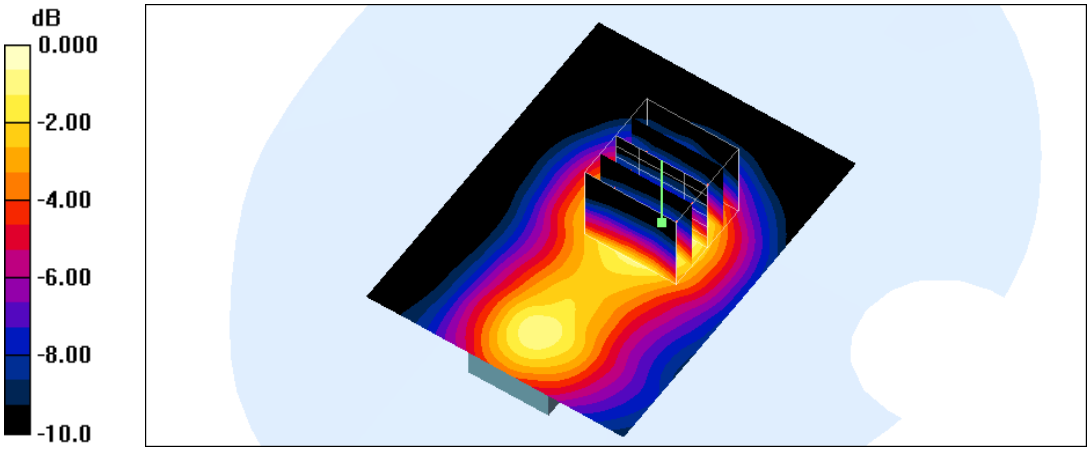
- Probe: ET3DV6 - SN1531; ConvF(4.09, 4.09, 4.09); Calibrated: 1/22/2007
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 10/16/2006
- Phantom: SAM 12; Type: SAM v4.0; Serial: TP:1009
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Flat/Area Scan (61x81x1):

Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.186 mW/g

Flat/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.74 V/m; Power Drift = -0.179 dB
Peak SAR (extrapolated) = 0.299 W/kg
SAR(1 g) = 0.149 mW/g; SAR(10 g) = 0.086 mW/g
Maximum value of SAR (measured) = 0.154 mW/g



0 dB = 0.154mW/g

Test Laboratory: A Test Lab Techno Corp. Date/Time: 10/2/2007 9:01:40 PM

Flat_IEEE 802.11n CH6_20M mode_Dual TX 13M_Close Body _NB DELL-PP19L

DUT: NWD210N; Type: Wireless N USB Adapter; FCC ID:I88NWD210N

Communication System: IEEE 802.11n; Frequency: 2437 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2437 MHz; σ = 1.9 mho/m; ε_r = 52.6; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

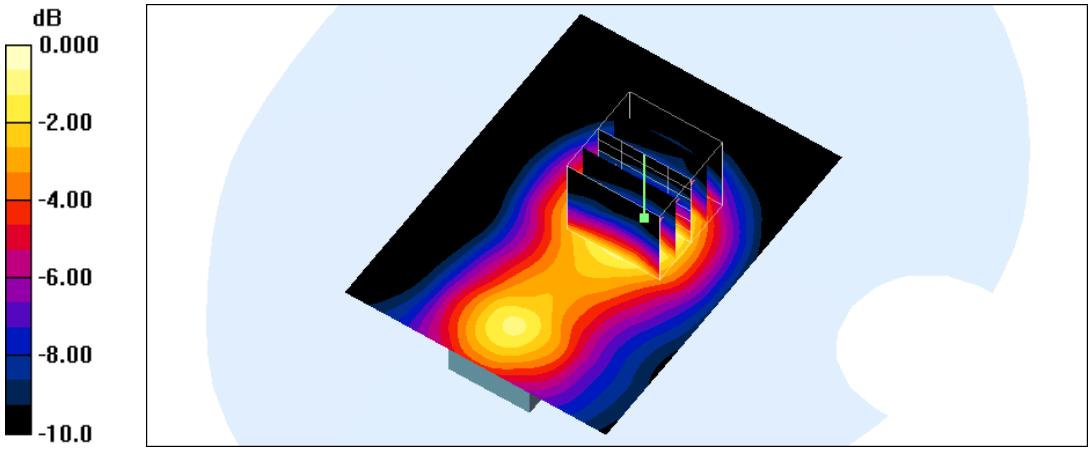
- Probe: ET3DV6 - SN1531; ConvF(4.09, 4.09, 4.09); Calibrated: 1/22/2007
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 10/16/2006
- Phantom: SAM 12; Type: SAM v4.0; Serial: TP:1009
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Flat/Area Scan (61x81x1):

Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.201 mW/g

Flat/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.44 V/m; Power Drift = 0.003 dB
Peak SAR (extrapolated) = 0.327 W/kg
SAR(1 g) = 0.165 mW/g; SAR(10 g) = 0.094 mW/g
Maximum value of SAR (measured) = 0.173 mW/g



0 dB = 0.173mW/g

Test Laboratory: A Test Lab Techno Corp. Date/Time: 10/2/2007 9:15:21 PM

Flat_IEEE 802.11n CH11_20M mode_Dual TX 13M_Close Body _NB DELL-PP19L

DUT: NWD210N; Type: Wireless N USB Adapter; FCC ID:I88NWD210N

Communication System: IEEE 802.11n; Frequency: 2462 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2462 MHz; σ = 1.92 mho/m; ε_r = 52.5; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

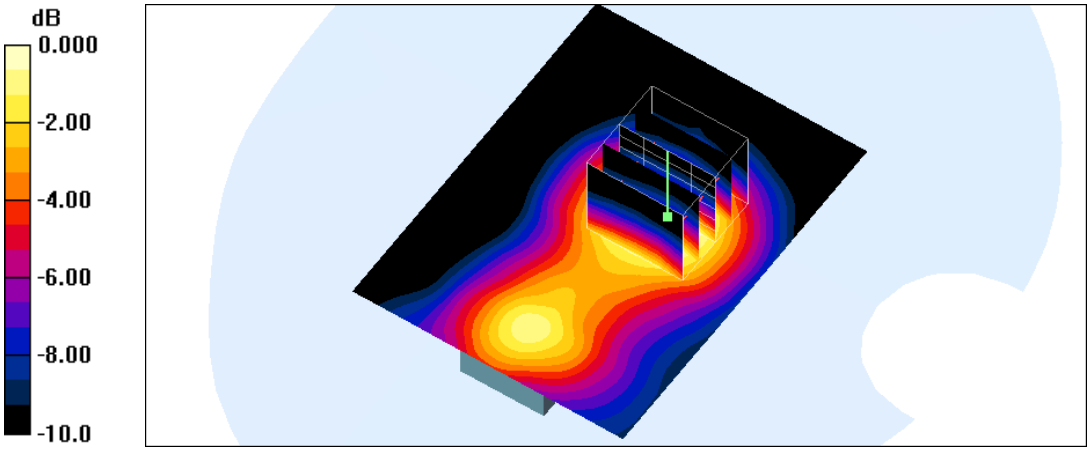
- Probe: ET3DV6 - SN1531; ConvF(4.09, 4.09, 4.09); Calibrated: 1/22/2007
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 10/16/2006
- Phantom: SAM 12; Type: SAM v4.0; Serial: TP:1009
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Flat/Area Scan (61x81x1):

Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.205 mW/g

Flat/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.29 V/m; Power Drift = -0.061 dB
Peak SAR (extrapolated) = 0.323 W/kg
SAR(1 g) = 0.165 mW/g; SAR(10 g) = 0.094 mW/g
Maximum value of SAR (measured) = 0.168 mW/g



0 dB = 0.168mW/g

Test Laboratory: A Test Lab Techno Corp. Date/Time: 10/4/2007 1:55:09 AM

Flat_IEEE 802.11n CH1_20M mode_Dual TX 13M_Close Body _NB ASUS-A3000

DUT: NWD210N; Type: Wireless N USB Adapter; FCC ID:I88NWD210N

Communication System: IEEE 802.11n; Frequency: 2412 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2412 MHz; σ = 1.89 mho/m; ε_r = 52.6; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

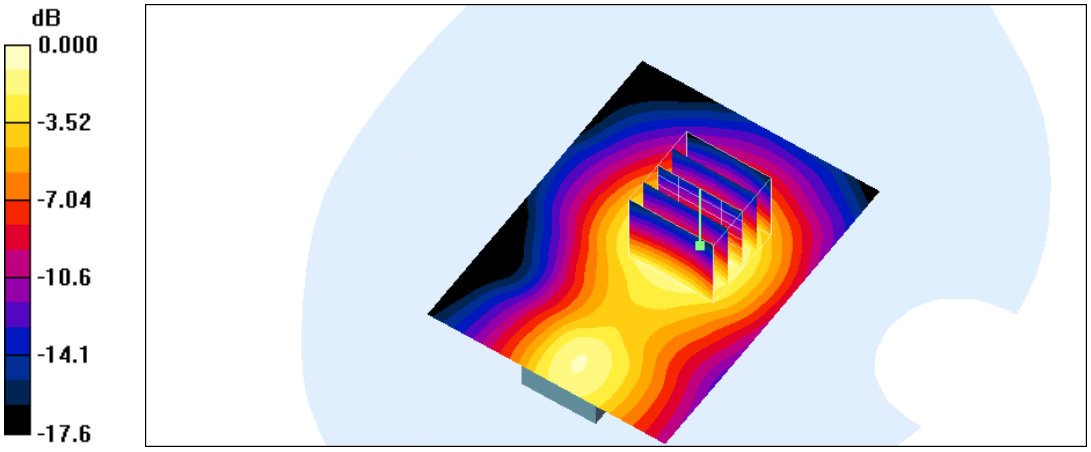
- Probe: ET3DV6 - SN1531; ConvF(4.09, 4.09, 4.09); Calibrated: 1/22/2007
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 10/16/2006
- Phantom: SAM 12; Type: SAM v4.0; Serial: TP:1009
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Flat/Area Scan (61x81x1):

Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.163 mW/g

Flat/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.17 V/m; Power Drift = -0.042 dB
Peak SAR (extrapolated) = 0.265 W/kg
SAR(1 g) = 0.138 mW/g; SAR(10 g) = 0.079 mW/g
Maximum value of SAR (measured) = 0.144 mW/g



0 dB = 0.144mW/g

Test Laboratory: A Test Lab Techno Corp. Date/Time: 10/4/2007 2:10:49 AM

Flat_IEEE 802.11n CH6_20M mode_Dual TX 13M_Close Body _NB ASUS-A3000

DUT: NWD210N; Type: Wireless N USB Adapter; FCC ID:I88NWD210N

Communication System: IEEE 802.11n; Frequency: 2437 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2437 MHz; σ = 1.9 mho/m; ε_r = 52.6; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

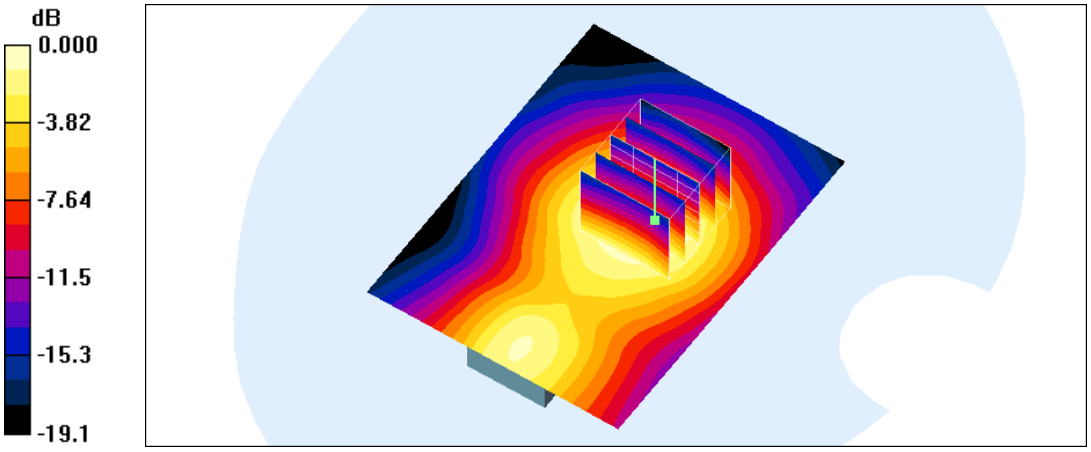
- Probe: ET3DV6 - SN1531; ConvF(4.09, 4.09, 4.09); Calibrated: 1/22/2007
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 10/16/2006
- Phantom: SAM 12; Type: SAM v4.0; Serial: TP:1009
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Flat/Area Scan (61x81x1):

Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.167 mW/g

Flat/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.18 V/m; Power Drift = -0.089 dB
Peak SAR (extrapolated) = 0.259 W/kg
SAR(1 g) = 0.133 mW/g; SAR(10 g) = 0.076 mW/g
Maximum value of SAR (measured) = 0.143 mW/g



0 dB = 0.143mW/g

Test Laboratory: A Test Lab Techno Corp. Date/Time: 10/4/2007 2:25:19 AM

Flat_IEEE 802.11n CH11_20M mode_Dual TX 13M_Close Body _NB ASUS-A3000

DUT: NWD210N; Type: Wireless N USB Adapter; FCC ID:I88NWD210N

Communication System: IEEE 802.11n; Frequency: 2462 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2462 MHz; σ = 1.92 mho/m; ε_r = 52.5; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

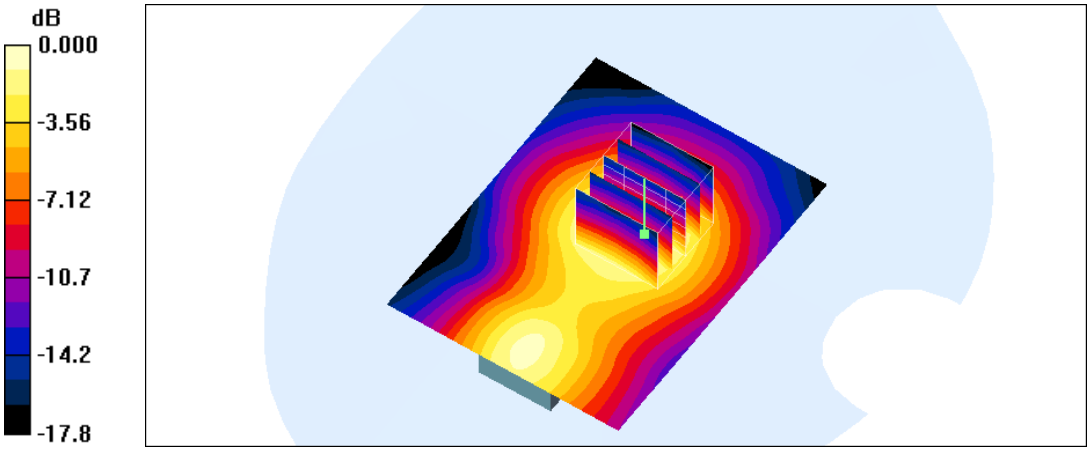
- Probe: ET3DV6 - SN1531; ConvF(4.09, 4.09, 4.09); Calibrated: 1/22/2007
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 10/16/2006
- Phantom: SAM 12; Type: SAM v4.0; Serial: TP:1009
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Flat/Area Scan (61x81x1):

Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.131 mW/g

Flat/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.21 V/m; Power Drift = -0.140 dB
Peak SAR (extrapolated) = 0.220 W/kg
SAR(1 g) = 0.114 mW/g; SAR(10 g) = 0.064 mW/g
Maximum value of SAR (measured) = 0.120 mW/g



0 dB = 0.120mW/g

Test Laboratory: A Test Lab Techno Corp. Date/Time: 10/6/2007 12:27:58 AM

Flat_IEEE 802.11n CH1_20M mode_Dual TX 13M_Close Body _NB DELL-PP20L

DUT: NWD210N; Type: Wireless N USB Adapter; FCC ID:I88NWD210N

Communication System: IEEE 802.11n; Frequency: 2412 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2412 MHz; σ = 1.89 mho/m; ε_r = 52.6; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

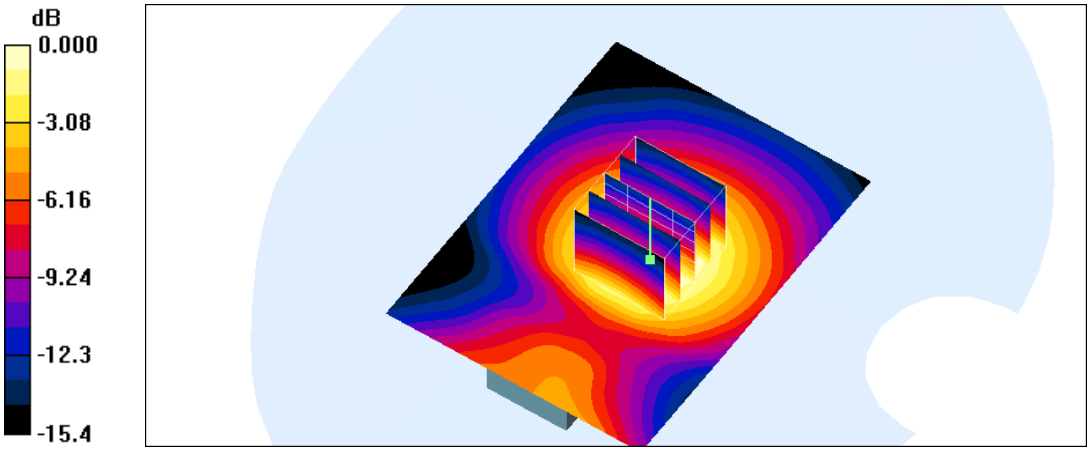
- Probe: ET3DV6 - SN1531; ConvF(4.09, 4.09, 4.09); Calibrated: 1/22/2007
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 10/16/2006
- Phantom: SAM 12; Type: SAM v4.0; Serial: TP:1009
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Flat/Area Scan (61x81x1):

Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.218 mW/g

Flat/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.87 V/m; Power Drift = -0.078 dB
Peak SAR (extrapolated) = 0.360 W/kg
SAR(1 g) = 0.189 mW/g; SAR(10 g) = 0.111 mW/g
Maximum value of SAR (measured) = 0.200 mW/g



0 dB = 0.200mW/g

Test Laboratory: A Test Lab Techno Corp. Date/Time: 10/6/2007 12:48:44 AM

Flat_IEEE 802.11n CH6_20M mode_Dual TX 13M_Close Body _NB DELL-PP20L

DUT: NWD210N; Type: Wireless N USB Adapter; FCC ID:I88NWD210N

Communication System: IEEE 802.11n; Frequency: 2437 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2437 MHz; σ = 1.9 mho/m; ε_r = 52.6; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

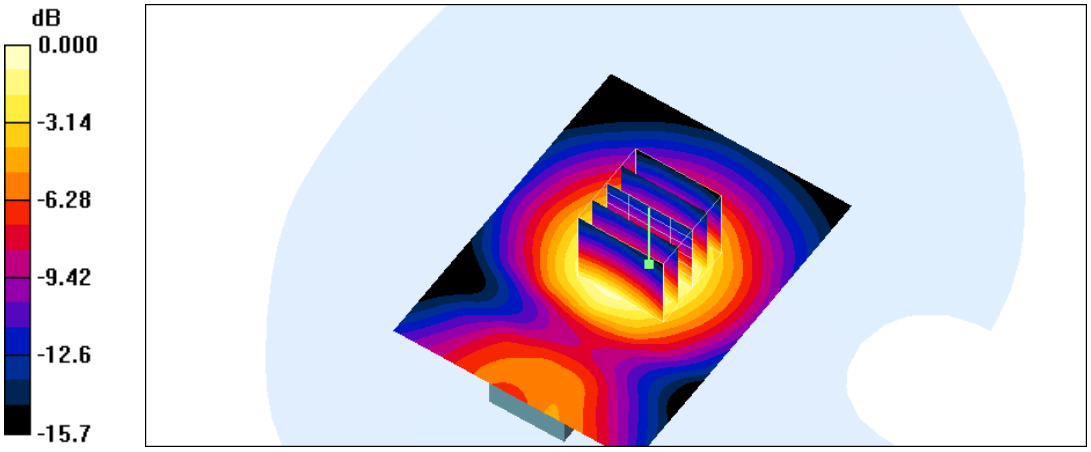
- Probe: ET3DV6 - SN1531; ConvF(4.09, 4.09, 4.09); Calibrated: 1/22/2007
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 10/16/2006
- Phantom: SAM 12; Type: SAM v4.0; Serial: TP:1009
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Flat/Area Scan (61x81x1):

Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.281 mW/g

Flat/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.6 V/m; Power Drift = -0.043 dB
Peak SAR (extrapolated) = 0.458 W/kg
SAR(1 g) = 0.244 mW/g; SAR(10 g) = 0.144 mW/g
Maximum value of SAR (measured) = 0.256 mW/g



0 dB = 0.256mW/g

Test Laboratory: A Test Lab Techno Corp. Date/Time: 10/6/2007 1:08:56 AM

Flat_IEEE 802.11n CH11_20M mode_Dual TX 13M_Close Body _NB DELL-PP20L

DUT: NWD210N; Type: Wireless N USB Adapter; FCC ID:I88NWD210N

Communication System: IEEE 802.11n; Frequency: 2462 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2462 MHz; σ = 1.92 mho/m; ε_r = 52.5; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

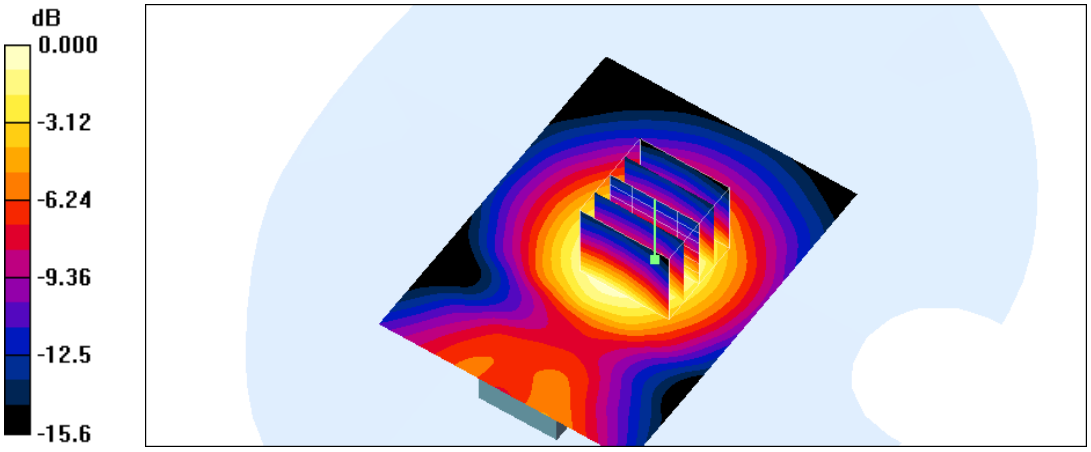
- Probe: ET3DV6 - SN1531; ConvF(4.09, 4.09, 4.09); Calibrated: 1/22/2007
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 10/16/2006
- Phantom: SAM 12; Type: SAM v4.0; Serial: TP:1009
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Flat/Area Scan (61x81x1):

Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.243 mW/g

Flat/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.71 V/m; Power Drift = -0.076 dB
Peak SAR (extrapolated) = 0.379 W/kg
SAR(1 g) = 0.201 mW/g; SAR(10 g) = 0.119 mW/g
Maximum value of SAR (measured) = 0.210 mW/g



0 dB = 0.210mW/g

Test Laboratory: A Test Lab Techno Corp. Date/Time: 10/2/2007 9:31:30 PM

Flat_IEEE 802.11n CH1_20M mode_Dual TX 130M_Close Body _NB DELL-PP19L

DUT: NWD210N; Type: Wireless N USB Adapter; FCC ID:I88NWD210N

Communication System: IEEE 802.11n; Frequency: 2412 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2412 MHz; σ = 1.89 mho/m; ε_r = 52.6; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

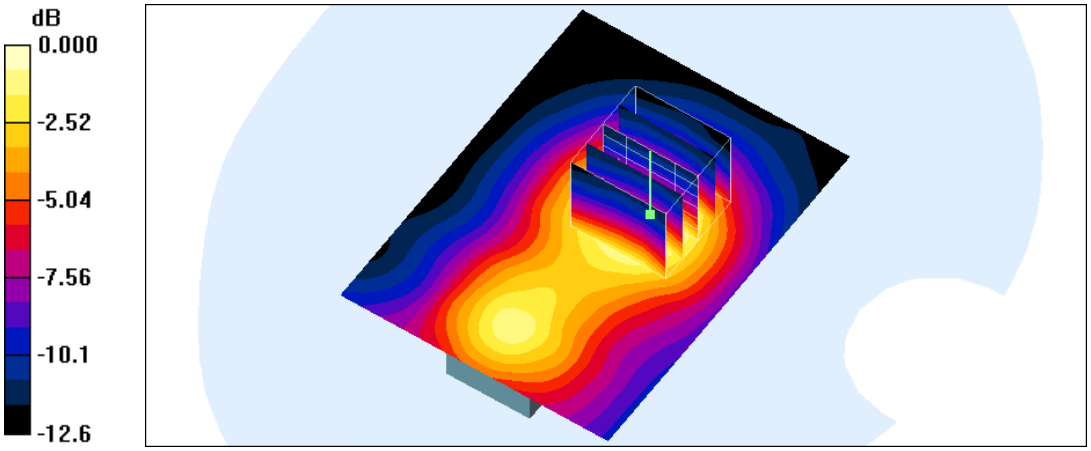
- Probe: ET3DV6 - SN1531; ConvF(4.09, 4.09, 4.09); Calibrated: 1/22/2007
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 10/16/2006
- Phantom: SAM 12; Type: SAM v4.0; Serial: TP:1009
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Flat/Area Scan (61x81x1):

Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.206 mW/g

Flat/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.01 V/m; Power Drift = -0.012 dB
Peak SAR (extrapolated) = 0.322 W/kg
SAR(1 g) = 0.164 mW/g; SAR(10 g) = 0.094 mW/g
Maximum value of SAR (measured) = 0.173 mW/g



0 dB = 0.173mW/g

Test Laboratory: A Test Lab Techno Corp. Date/Time: 10/2/2007 9:46:11 PM

Flat_IEEE 802.11n CH6_20M mode_Dual TX 130M_Close Body _NB DELL-PP19L

DUT: NWD210N; Type: Wireless N USB Adapter; FCC ID:I88NWD210N

Communication System: IEEE 802.11n; Frequency: 2437 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2437 MHz; σ = 1.9 mho/m; ε_r = 52.6; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

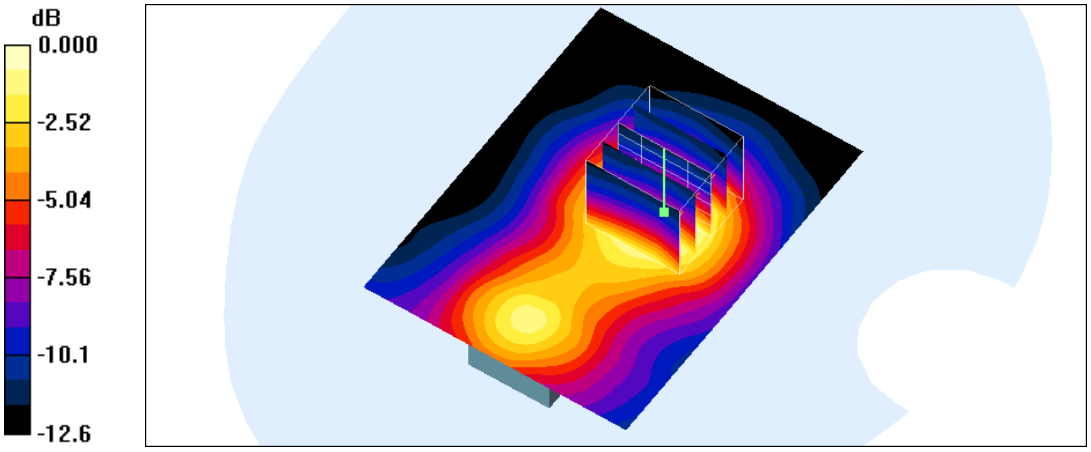
- Probe: ET3DV6 - SN1531; ConvF(4.09, 4.09, 4.09); Calibrated: 1/22/2007
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 10/16/2006
- Phantom: SAM 12; Type: SAM v4.0; Serial: TP:1009
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Flat/Area Scan (61x81x1):

Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.233 mW/g

Flat/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.97 V/m; Power Drift = -0.073 dB
Peak SAR (extrapolated) = 0.372 W/kg
SAR(1 g) = 0.186 mW/g; SAR(10 g) = 0.105 mW/g
Maximum value of SAR (measured) = 0.192 mW/g



0 dB = 0.192mW/g

Test Laboratory: A Test Lab Techno Corp. Date/Time: 10/2/2007 9:59:46 PM

Flat_IEEE 802.11n CH11_20M mode_Dual TX 130M_Close Body _NB DELL-PP19L

DUT: NWD210N; Type: Wireless N USB Adapter; FCC ID:I88NWD210N

Communication System: IEEE 802.11n; Frequency: 2462 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2462 MHz; σ = 1.92 mho/m; ε_r = 52.5; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

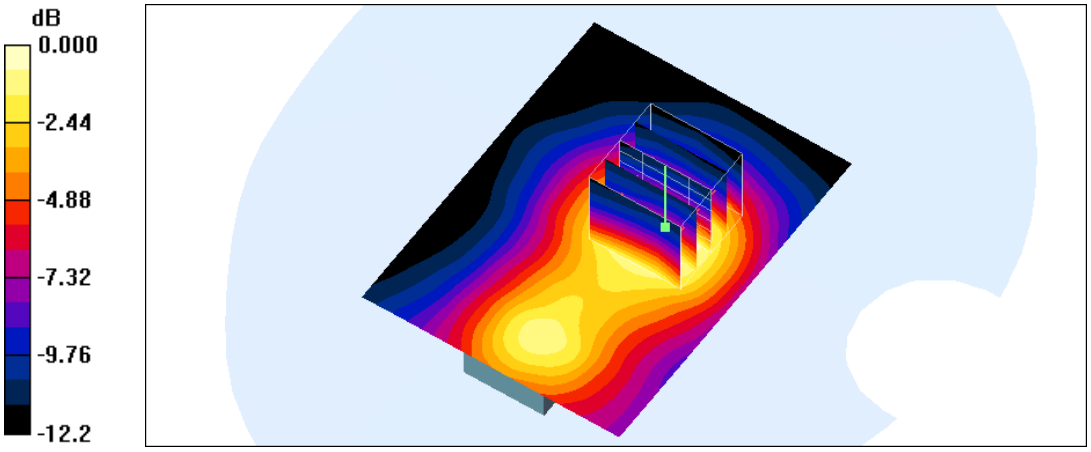
- Probe: ET3DV6 - SN1531; ConvF(4.09, 4.09, 4.09); Calibrated: 1/22/2007
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 10/16/2006
- Phantom: SAM 12; Type: SAM v4.0; Serial: TP:1009
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Flat/Area Scan (61x81x1):

Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.163 mW/g

Flat/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.11 V/m; Power Drift = -0.067 dB
Peak SAR (extrapolated) = 0.267 W/kg
SAR(1 g) = 0.136 mW/g; SAR(10 g) = 0.078 mW/g
Maximum value of SAR (measured) = 0.141 mW/g



0 dB = 0.141mW/g

Test Laboratory: A Test Lab Techno Corp. Date/Time: 10/4/2007 1:39:42 AM

Flat_IEEE 802.11n CH1_20M mode_Dual TX 130M_Close Body _NB ASUS-A3000

DUT: NWD210N; Type: Wireless N USB Adapter; FCC ID:I88NWD210N

Communication System: IEEE 802.11n; Frequency: 2412 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2412 MHz; σ = 1.89 mho/m; ε_r = 52.6; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

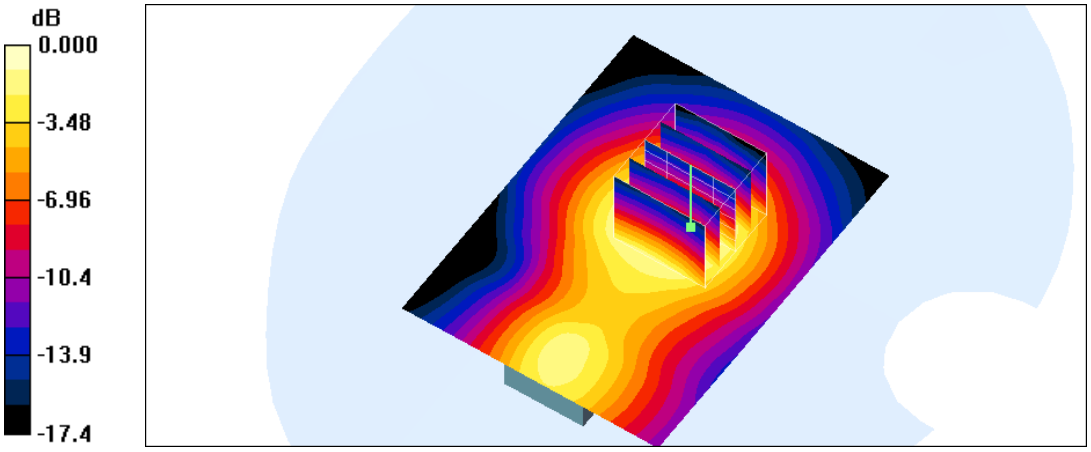
- Probe: ET3DV6 - SN1531; ConvF(4.09, 4.09, 4.09); Calibrated: 1/22/2007
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 10/16/2006
- Phantom: SAM 12; Type: SAM v4.0; Serial: TP:1009
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Flat/Area Scan (61x81x1):

Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.184 mW/g

Flat/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.48 V/m; Power Drift = -0.074 dB
Peak SAR (extrapolated) = 0.297 W/kg
SAR(1 g) = 0.152 mW/g; SAR(10 g) = 0.086 mW/g
Maximum value of SAR (measured) = 0.161 mW/g



0 dB = 0.161mW/g

Test Laboratory: A Test Lab Techno Corp. Date/Time: 10/4/2007 1:20:42 AM

Flat_IEEE 802.11n CH6_20M mode_Dual TX 130M_Close Body _NB ASUS-A3000

DUT: NWD210N; Type: Wireless N USB Adapter; FCC ID:I88NWD210N

Communication System: IEEE 802.11n; Frequency: 2437 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2437 MHz; σ = 1.9 mho/m; ε_r = 52.6; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

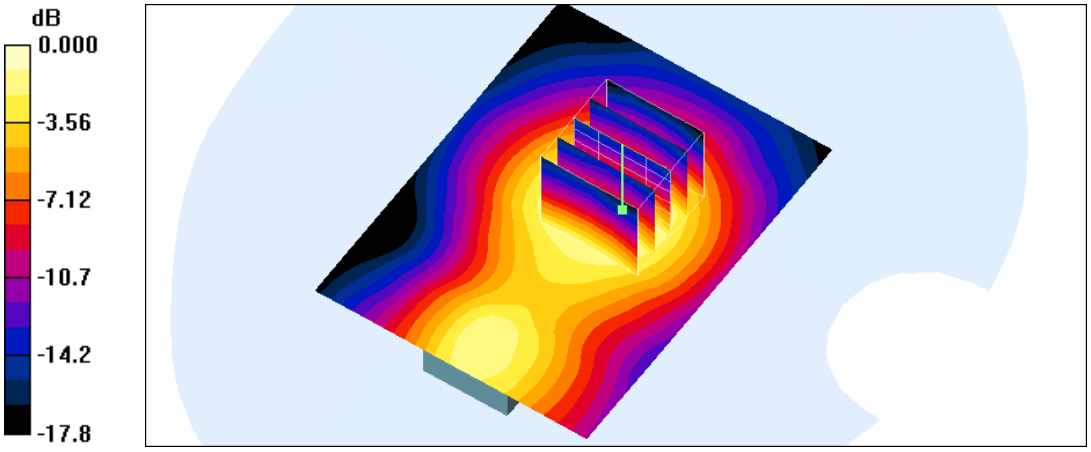
- Probe: ET3DV6 - SN1531; ConvF(4.09, 4.09, 4.09); Calibrated: 1/22/2007
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 10/16/2006
- Phantom: SAM 12; Type: SAM v4.0; Serial: TP:1009
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Flat/Area Scan (61x81x1):

Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.175 mW/g

Flat/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.74 V/m; Power Drift = -0.063 dB
Peak SAR (extrapolated) = 0.280 W/kg
SAR(1 g) = 0.143 mW/g; SAR(10 g) = 0.081 mW/g
Maximum value of SAR (measured) = 0.151 mW/g



0 dB = 0.151mW/g

Test Laboratory: A Test Lab Techno Corp. Date/Time: 10/4/2007 1:06:10 AM

Flat_IEEE 802.11n CH11_20M mode_Dual TX 130M_Close Body _NB ASUS-A3000

DUT: NWD210N; Type: Wireless N USB Adapter; FCC ID:I88NWD210N

Communication System: IEEE 802.11n; Frequency: 2462 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2462 MHz; σ = 1.92 mho/m; ε_r = 52.5; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

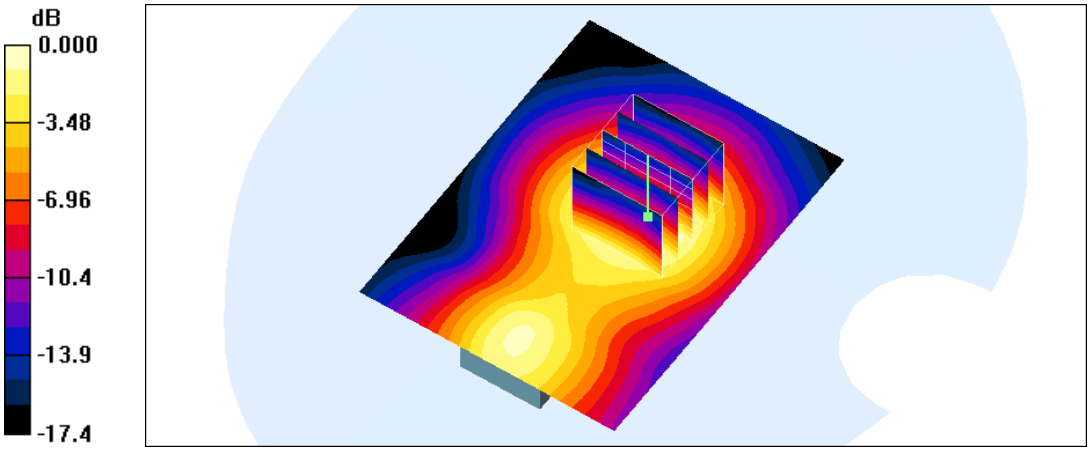
- Probe: ET3DV6 - SN1531; ConvF(4.09, 4.09, 4.09); Calibrated: 1/22/2007
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 10/16/2006
- Phantom: SAM 12; Type: SAM v4.0; Serial: TP:1009
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Flat/Area Scan (61x81x1):

Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.157 mW/g

Flat/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.61 V/m; Power Drift = -0.081 dB
Peak SAR (extrapolated) = 0.246 W/kg
SAR(1 g) = 0.127 mW/g; SAR(10 g) = 0.072 mW/g
Maximum value of SAR (measured) = 0.134 mW/g



0 dB = 0.134mW/g

Test Laboratory: A Test Lab Techno Corp. Date/Time: 10/6/2007 2:00:31 AM

Flat_IEEE 802.11n CH1_20M mode_Dual TX 130M_Close Body _NB DELL-PP20L

DUT: NWD210N; Type: Wireless N USB Adapter; FCC ID:I88NWD210N

Communication System: IEEE 802.11n; Frequency: 2412 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2412 MHz; σ = 1.89 mho/m; ε_r = 52.6; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

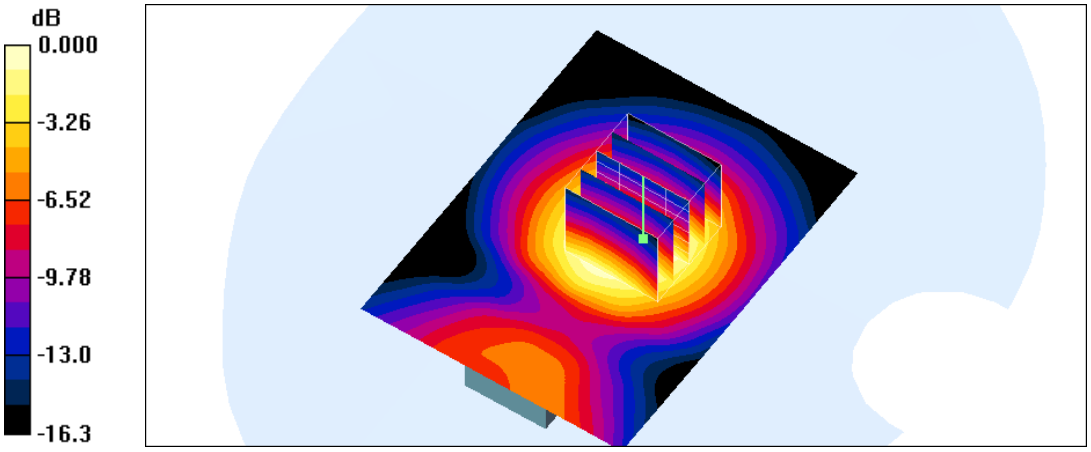
- Probe: ET3DV6 - SN1531; ConvF(4.09, 4.09, 4.09); Calibrated: 1/22/2007
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 10/16/2006
- Phantom: SAM 12; Type: SAM v4.0; Serial: TP:1009
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Flat/Area Scan (61x81x1):

Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.360 mW/g

Flat/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.4 V/m; Power Drift = -0.030 dB
Peak SAR (extrapolated) = 0.557 W/kg
SAR(1 g) = 0.295 mW/g; SAR(10 g) = 0.175 mW/g
Maximum value of SAR (measured) = 0.306 mW/g



0 dB = 0.306mW/g

Test Laboratory: A Test Lab Techno Corp. Date/Time: 10/6/2007 1:42:32 AM

Flat_IEEE 802.11n CH6_20M mode_Dual TX 130M_Close Body _NB DELL-PP20L

DUT: NWD210N; Type: Wireless N USB Adapter; FCC ID:I88NWD210N

Communication System: IEEE 802.11n; Frequency: 2437 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2437 MHz; σ = 1.9 mho/m; ε_r = 52.6; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

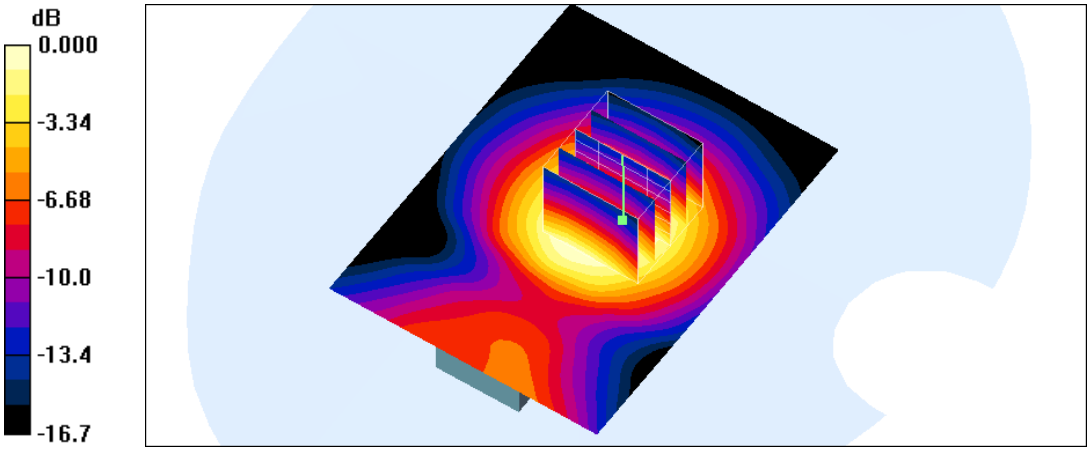
- Probe: ET3DV6 - SN1531; ConvF(4.09, 4.09, 4.09); Calibrated: 1/22/2007
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 10/16/2006
- Phantom: SAM 12; Type: SAM v4.0; Serial: TP:1009
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Flat/Area Scan (61x81x1):

Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.371 mW/g

Flat/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.9 V/m; Power Drift = -0.038 dB
Peak SAR (extrapolated) = 0.570 W/kg
SAR(1 g) = 0.303 mW/g; SAR(10 g) = 0.179 mW/g
Maximum value of SAR (measured) = 0.312 mW/g



0 dB = 0.312mW/g

Test Laboratory: A Test Lab Techno Corp. Date/Time: 10/6/2007 1:24:49 AM

Flat_IEEE 802.11n CH11_20M mode_Dual TX 130M_Close Body _NB DELL-PP20L

DUT: NWD210N; Type: Wireless N USB Adapter; FCC ID:I88NWD210N

Communication System: IEEE 802.11n; Frequency: 2462 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2462 MHz; σ = 1.92 mho/m; ε_r = 52.5; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

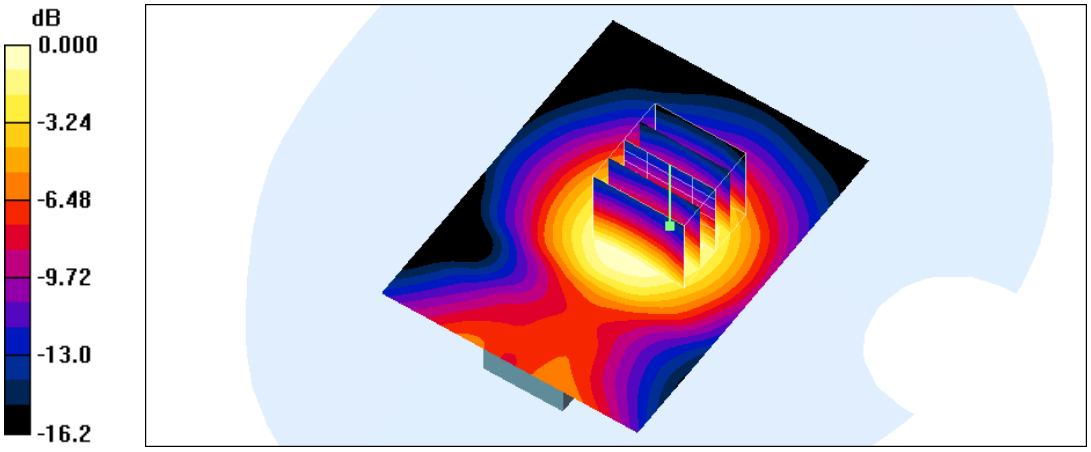
- Probe: ET3DV6 - SN1531; ConvF(4.09, 4.09, 4.09); Calibrated: 1/22/2007
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 10/16/2006
- Phantom: SAM 12; Type: SAM v4.0; Serial: TP:1009
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Flat/Area Scan (61x81x1):

Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.264 mW/g

Flat/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.00 V/m; Power Drift = -0.067 dB
Peak SAR (extrapolated) = 0.423 W/kg
SAR(1 g) = 0.226 mW/g; SAR(10 g) = 0.133 mW/g
Maximum value of SAR (measured) = 0.234 mW/g



0 dB = 0.234mW/g

Test Laboratory: A Test Lab Techno Corp. Date/Time: 10/2/2007 10:13:47 PM

Flat_IEEE 802.11n CH3_40M mode_Dual TX 26M_Close Body _NB DELL-PP19L

DUT: NWD210N; Type: Wireless N USB Adapter; FCC ID:I88NWD210N

Communication System: IEEE 802.11n; Frequency: 2422 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2422 MHz; σ = 1.89 mho/m; ε_r = 52.6; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

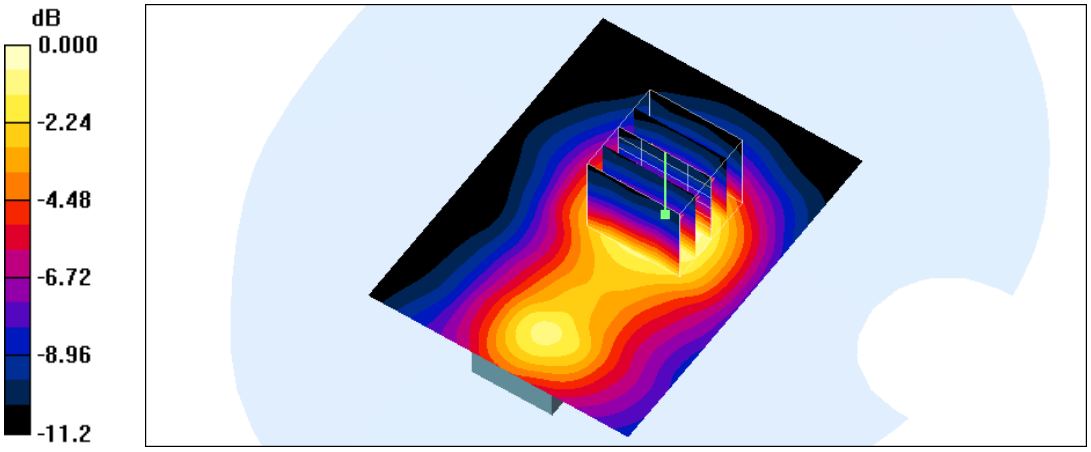
- Probe: ET3DV6 - SN1531; ConvF(4.09, 4.09, 4.09); Calibrated: 1/22/2007
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 10/16/2006
- Phantom: SAM 12; Type: SAM v4.0; Serial: TP:1009
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Flat/Area Scan (61x81x1):

Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.141 mW/g

Flat/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.47 V/m; Power Drift = -0.003 dB
Peak SAR (extrapolated) = 0.231 W/kg
SAR(1 g) = 0.117 mW/g; SAR(10 g) = 0.068 mW/g
Maximum value of SAR (measured) = 0.122 mW/g



0 dB = 0.122mW/g

Test Laboratory: A Test Lab Techno Corp. Date/Time: 10/2/2007 10:31:23 PM

Flat_IEEE 802.11n CH6_40M mode_Dual TX 26M_Close Body _NB DELL-PP19L

DUT: NWD210N; Type: Wireless N USB Adapter; FCC ID:I88NWD210N

Communication System: IEEE 802.11n; Frequency: 2437 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2437 MHz; σ = 1.9 mho/m; ε_r = 52.6; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

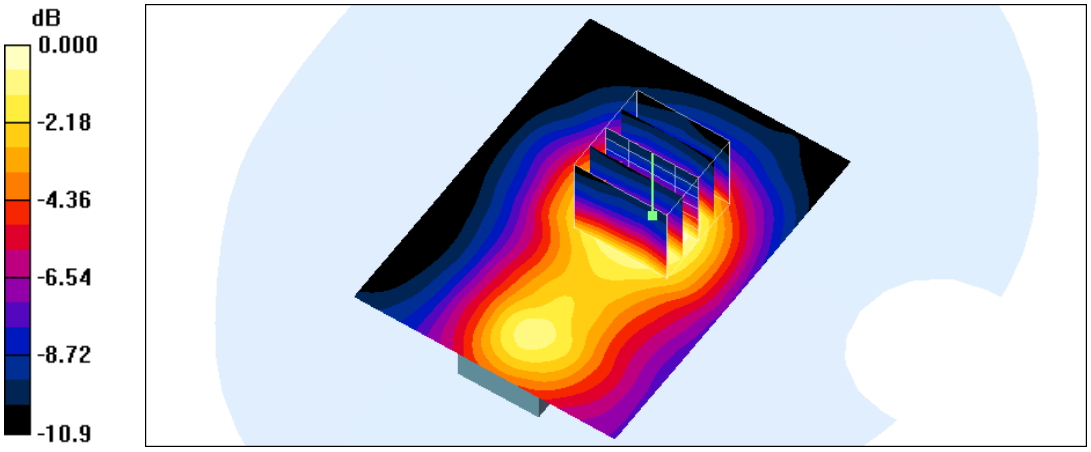
- Probe: ET3DV6 - SN1531; ConvF(4.09, 4.09, 4.09); Calibrated: 1/22/2007
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 10/16/2006
- Phantom: SAM 12; Type: SAM v4.0; Serial: TP:1009
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Flat/Area Scan (61x81x1):

Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.115 mW/g

Flat/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.09 V/m; Power Drift = -0.094 dB
Peak SAR (extrapolated) = 0.183 W/kg
SAR(1 g) = 0.094 mW/g; SAR(10 g) = 0.055 mW/g
Maximum value of SAR (measured) = 0.096 mW/g



0 dB = 0.096mW/g

Test Laboratory: A Test Lab Techno Corp. Date/Time: 10/2/2007 10:46:36 PM

Flat_IEEE 802.11n CH9_40M mode_Dual TX 26M_Close Body _NB DELL-PP19L

DUT: NWD210N; Type: Wireless N USB Adapter; FCC ID:I88NWD210N

Communication System: IEEE 802.11n; Frequency: 2452 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2452 MHz; σ = 1.92 mho/m; ε_r = 52.5; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

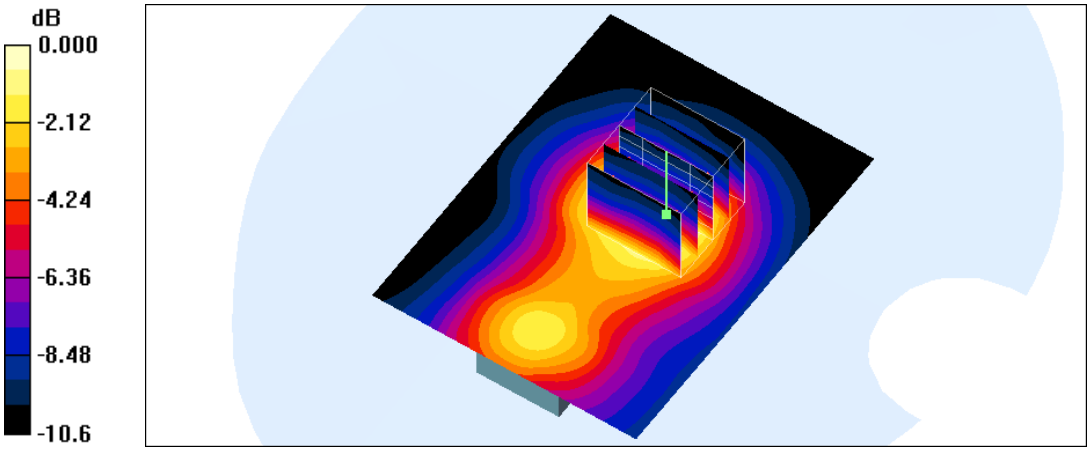
- Probe: ET3DV6 - SN1531; ConvF(4.09, 4.09, 4.09); Calibrated: 1/22/2007
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 10/16/2006
- Phantom: SAM 12; Type: SAM v4.0; Serial: TP:1009
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Flat/Area Scan (61x81x1):

Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.131 mW/g

Flat/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.35 V/m; Power Drift = 0.005 dB
Peak SAR (extrapolated) = 0.210 W/kg
SAR(1 g) = 0.106 mW/g; SAR(10 g) = 0.062 mW/g
Maximum value of SAR (measured) = 0.111 mW/g



0 dB = 0.111mW/g

Test Laboratory: A Test Lab Techno Corp. Date/Time: 10/4/2007 12:08:56 AM

Flat_IEEE 802.11n CH3_40M mode_Dual TX 26M_Close Body _NB ASUS-A3000

DUT: NWD210N; Type: Wireless N USB Adapter; FCC ID:I88NWD210N

Communication System: IEEE 802.11n; Frequency: 2422 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2422 MHz; σ = 1.89 mho/m; ε_r = 52.6; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

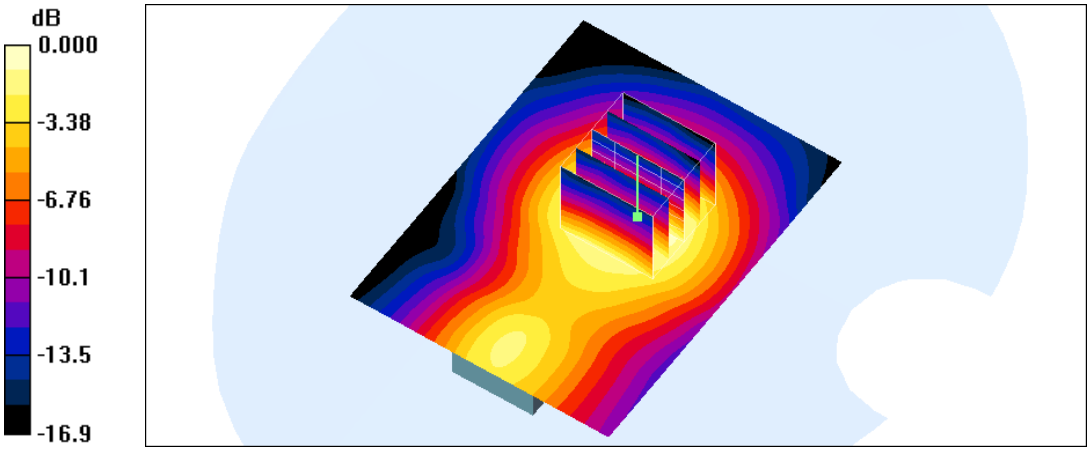
- Probe: ET3DV6 - SN1531; ConvF(4.09, 4.09, 4.09); Calibrated: 1/22/2007
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 10/16/2006
- Phantom: SAM 12; Type: SAM v4.0; Serial: TP:1009
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Flat/Area Scan (61x81x1):

Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.109 mW/g

Flat/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.06 V/m; Power Drift = -0.081 dB
Peak SAR (extrapolated) = 0.177 W/kg
SAR(1 g) = 0.091 mW/g; SAR(10 g) = 0.052 mW/g
Maximum value of SAR (measured) = 0.095 mW/g



0 dB = 0.095mW/g

Test Laboratory: A Test Lab Techno Corp. Date/Time: 10/4/2007 12:24:42 AM

Flat_IEEE 802.11n CH6_40M mode_Dual TX 26M_Close Body _NB ASUS-A3000

DUT: NWD210N; Type: Wireless N USB Adapter; FCC ID:I88NWD210N

Communication System: IEEE 802.11n; Frequency: 2437 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2437 MHz; σ = 1.9 mho/m; ε_r = 52.6; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

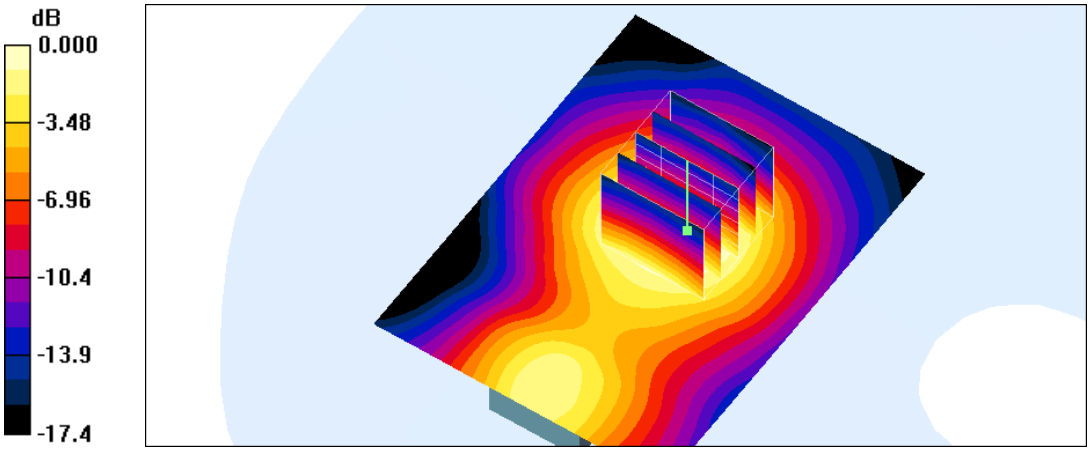
- Probe: ET3DV6 - SN1531; ConvF(4.09, 4.09, 4.09); Calibrated: 1/22/2007
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 10/16/2006
- Phantom: SAM 12; Type: SAM v4.0; Serial: TP:1009
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Flat/Area Scan (61x81x1):

Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.124 mW/g

Flat/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.74 V/m; Power Drift = -0.015 dB
Peak SAR (extrapolated) = 0.200 W/kg
SAR(1 g) = 0.101 mW/g; SAR(10 g) = 0.058 mW/g
Maximum value of SAR (measured) = 0.106 mW/g



0 dB = 0.106mW/g

Test Laboratory: A Test Lab Techno Corp. Date/Time: 10/4/2007 12:50:03 AM

Flat_IEEE 802.11n CH9_40M mode_Dual TX 26M_Close Body _NB ASUS-A3000

DUT: NWD210N; Type: Wireless N USB Adapter; FCC ID:I88NWD210N

Communication System: IEEE 802.11n; Frequency: 2452 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2452 MHz; σ = 1.92 mho/m; ε_r = 52.5; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

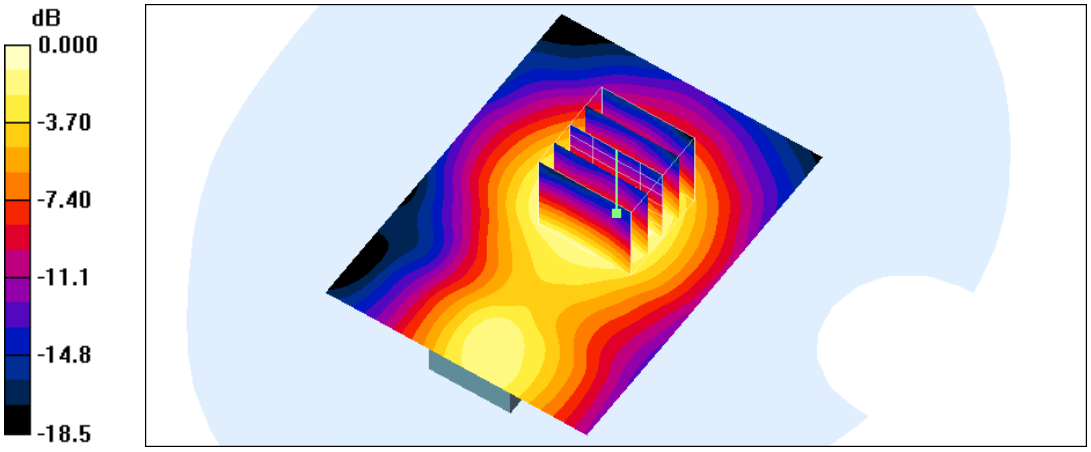
- Probe: ET3DV6 - SN1531; ConvF(4.09, 4.09, 4.09); Calibrated: 1/22/2007
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 10/16/2006
- Phantom: SAM 12; Type: SAM v4.0; Serial: TP:1009
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Flat/Area Scan (61x81x1):

Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.107 mW/g

Flat/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.49 V/m; Power Drift = 0.010 dB
Peak SAR (extrapolated) = 0.167 W/kg
SAR(1 g) = 0.086 mW/g; SAR(10 g) = 0.049 mW/g
Maximum value of SAR (measured) = 0.089 mW/g



0 dB = 0.089mW/g

Test Laboratory: A Test Lab Techno Corp. Date/Time: 10/6/2007 2:18:07 AM

Flat_IEEE 802.11n CH3_40M mode_Dual TX 26M_Close Body _NB DELL-PP20L

DUT: NWD210N; Type: Wireless N USB Adapter; FCC ID:I88NWD210N

Communication System: IEEE 802.11n; Frequency: 2422 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2422 MHz; σ = 1.89 mho/m; ε_r = 52.6; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

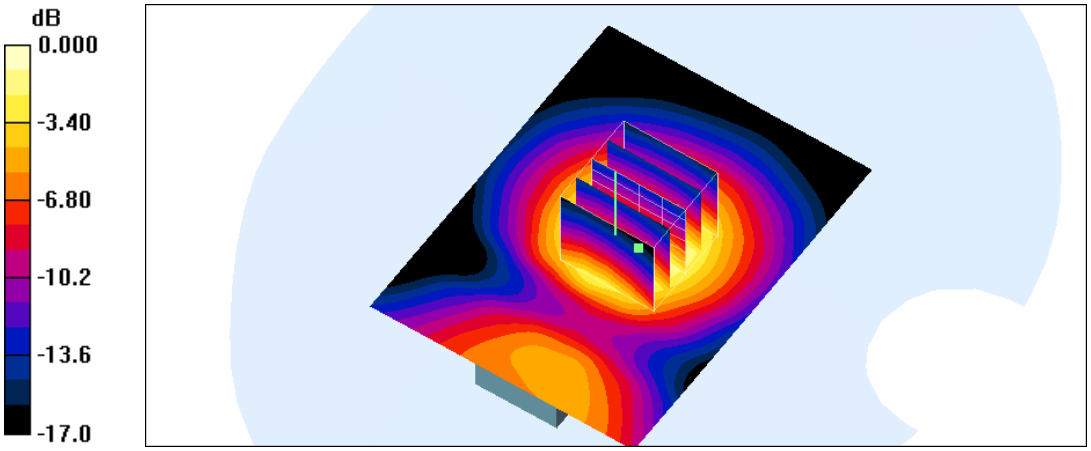
- Probe: ET3DV6 - SN1531; ConvF(4.09, 4.09, 4.09); Calibrated: 1/22/2007
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 10/16/2006
- Phantom: SAM 12; Type: SAM v4.0; Serial: TP:1009
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Flat/Area Scan (61x81x1):

Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.439 mW/g

Flat/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.7 V/m; Power Drift = -0.039 dB
Peak SAR (extrapolated) = 0.780 W/kg
SAR(1 g) = 0.390 mW/g; SAR(10 g) = 0.217 mW/g
Maximum value of SAR (measured) = 0.402 mW/g



0 dB = 0.402mW/g

Test Laboratory: A Test Lab Techno Corp. Date/Time: 10/6/2007 2:33:18 AM

Flat_IEEE 802.11n CH6_40M mode_Dual TX 26M_Close Body _NB DELL-PP20L

DUT: NWD210N; Type: Wireless N USB Adapter; FCC ID:I88NWD210N

Communication System: IEEE 802.11n; Frequency: 2437 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2437 MHz; σ = 1.9 mho/m; ε_r = 52.6; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

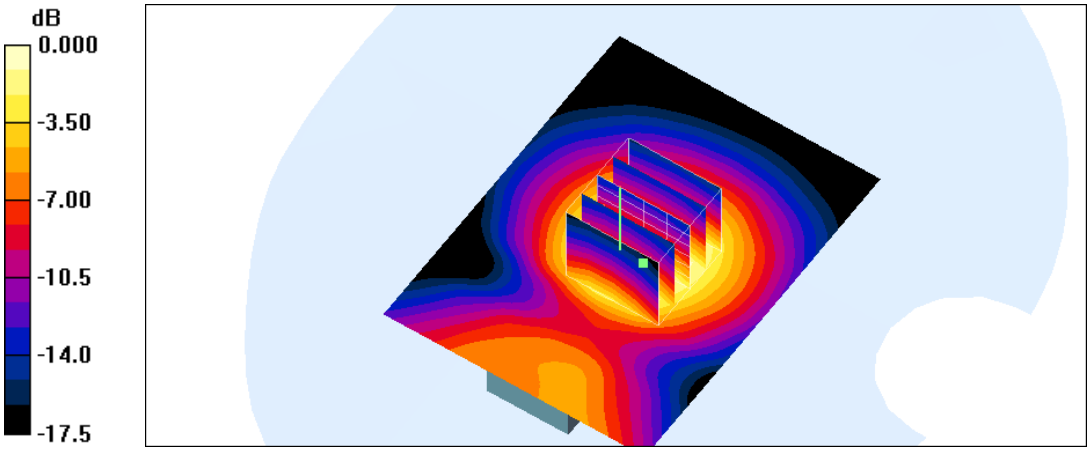
- Probe: ET3DV6 - SN1531; ConvF(4.09, 4.09, 4.09); Calibrated: 1/22/2007
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 10/16/2006
- Phantom: SAM 12; Type: SAM v4.0; Serial: TP:1009
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Flat/Area Scan (61x81x1):

Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.414 mW/g

Flat/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.1 V/m; Power Drift = -0.033 dB
Peak SAR (extrapolated) = 0.736 W/kg
SAR(1 g) = 0.365 mW/g; SAR(10 g) = 0.204 mW/g
Maximum value of SAR (measured) = 0.379 mW/g



0 dB = 0.379mW/g

Test Laboratory: A Test Lab Techno Corp. Date/Time: 10/6/2007 2:49:56 AM

Flat_IEEE 802.11n CH9_40M mode_Dual TX 26M_Close Body _NB DELL-PP20L

DUT: NWD210N; Type: Wireless N USB Adapter; FCC ID:I88NWD210N

Communication System: IEEE 802.11n; Frequency: 2452 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2452 MHz; σ = 1.92 mho/m; ε_r = 52.5; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

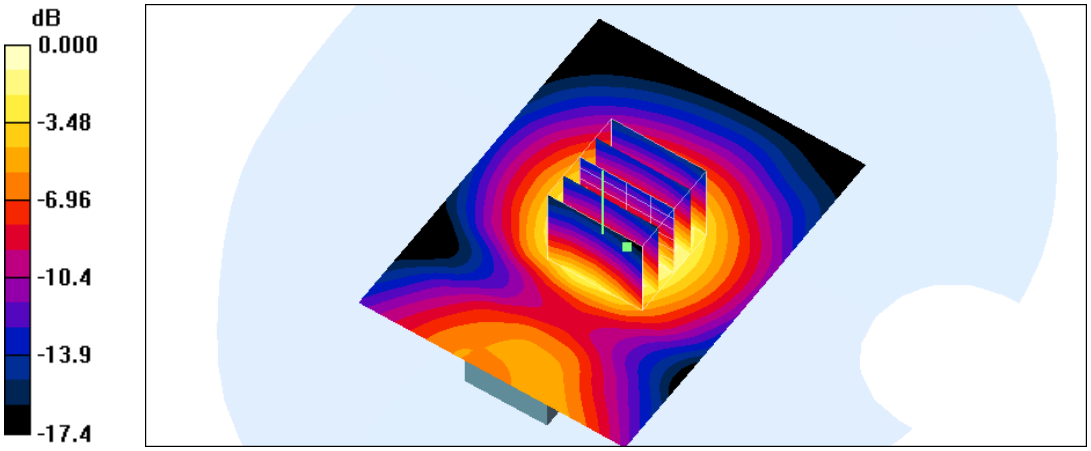
- Probe: ET3DV6 - SN1531; ConvF(4.09, 4.09, 4.09); Calibrated: 1/22/2007
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 10/16/2006
- Phantom: SAM 12; Type: SAM v4.0; Serial: TP:1009
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Flat/Area Scan (61x81x1):

Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.343 mW/g

Flat/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.10 V/m; Power Drift = -0.050 dB
Peak SAR (extrapolated) = 0.584 W/kg
SAR(1 g) = 0.292 mW/g; SAR(10 g) = 0.165 mW/g
Maximum value of SAR (measured) = 0.303 mW/g



0 dB = 0.303mW/g

Test Laboratory: A Test Lab Techno Corp. Date/Time: 1/11/2008 8:27:39 PM

Flat_IEEE 802.11n CH3_40M mode_Dual TX 260M_Close Body _NB DELL-PP20L

DUT: NWD210N; Type: Wireless N USB Adapter; FCC ID:I88NWD210N

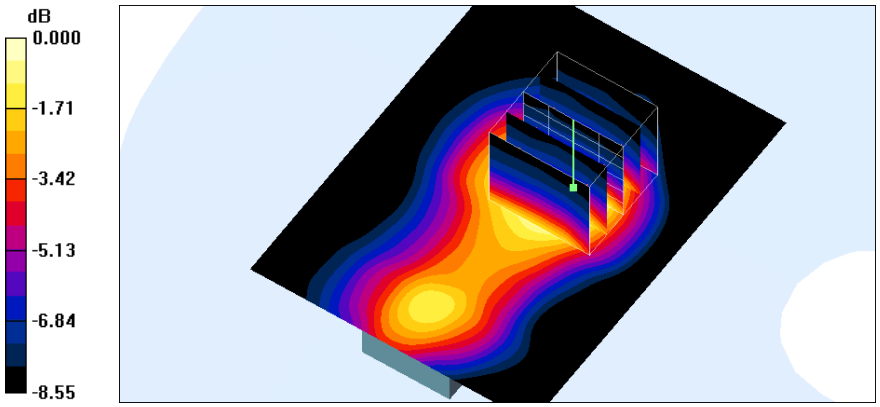
Communication System: IEEE 802.11n; Frequency: 2422 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2422 MHz; σ = 1.93 mho/m; ε_r = 52.6; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ET3DV6 - SN1530; ConvF(3.84, 3.84, 3.84); Calibrated: 9/26/2007
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn393; Calibrated: 8/29/2007
- Phantom: SAM 12; Type: SAM v4.0; Serial: TP:1009
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Flat/Area Scan (61x81x1):
Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.257 mW/g

Flat/Zoom Scan (5x5x7)/Cube 0:
Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.50 V/m; Power Drift = -0.053 dB
Peak SAR (extrapolated) = 0.344 W/kg
SAR(1 g) = 0.190 mW/g; SAR(10 g) = 0.113 mW/g
Maximum value of SAR (measured) = 0.200 mW/g



0 dB = 0.200mW/g

Test Laboratory: A Test Lab Techno Corp. Date/Time: 1/11/2008 8:53:42 PM

Flat_IEEE 802.11n CH6_40M mode_Dual TX 260M_Close Body _NB DELL-PP20L

DUT: NWD210N; Type: Wireless N USB Adapter; FCC ID:I88NWD210N

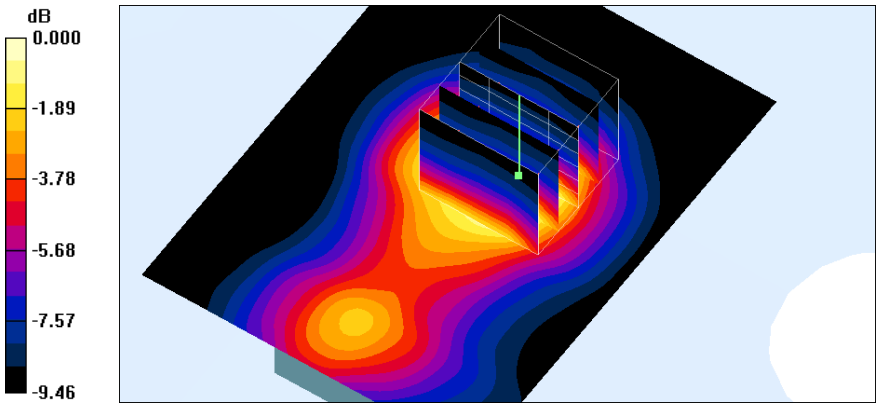
Communication System: IEEE 802.11n; Frequency: 2437 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2437 MHz; σ = 1.95 mho/m; ε_r = 52.4; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ET3DV6 - SN1530; ConvF(3.84, 3.84, 3.84); Calibrated: 9/26/2007
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn393; Calibrated: 8/29/2007
- Phantom: SAM 12; Type: SAM v4.0; Serial: TP:1009
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Flat/Area Scan (61x81x1):
Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.367 mW/g

Flat/Zoom Scan (5x5x7)/Cube 0:
Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.2 V/m; Power Drift = -0.181 dB
Peak SAR (extrapolated) = 0.492 W/kg
SAR(1 g) = 0.255 mW/g; SAR(10 g) = 0.144 mW/g
Maximum value of SAR (measured) = 0.264 mW/g



0 dB = 0.264mW/g

Test Laboratory: A Test Lab Techno Corp. Date/Time: 1/11/2008 9:21:56 PM

Flat_IEEE 802.11n CH9_40M mode_Dual TX 260M_Close Body _NB DELL-PP20L

DUT: NWD210N; Type: Wireless N USB Adapter; FCC ID:I88NWD210N

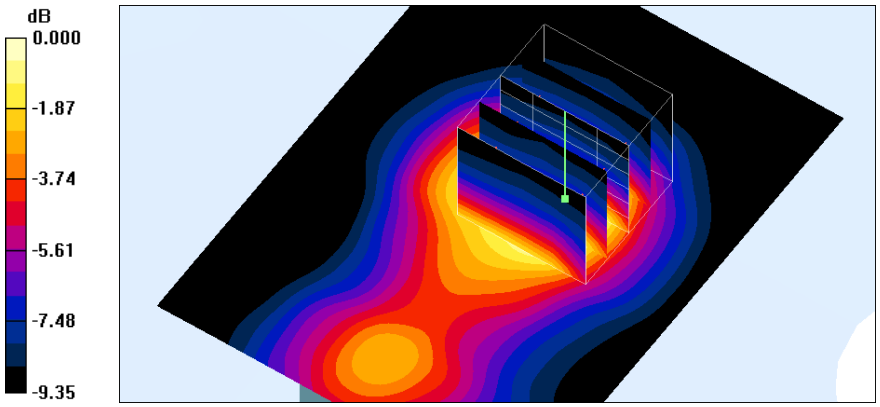
Communication System: IEEE 802.11n; Frequency: 2452 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2452 MHz; σ = 1.97 mho/m; ε_r = 52.4; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ET3DV6 - SN1530; ConvF(3.84, 3.84, 3.84); Calibrated: 9/26/2007
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn393; Calibrated: 8/29/2007
- Phantom: SAM 12; Type: SAM v4.0; Serial: TP:1009
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Flat/Area Scan (61x81x1):
Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.348 mW/g

Flat/Zoom Scan (5x5x7)/Cube 0:
Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.8 V/m; Power Drift = 0.136 dB
Peak SAR (extrapolated) = 0.455 W/kg
SAR(1 g) = 0.238 mW/g; SAR(10 g) = 0.135 mW/g
Maximum value of SAR (measured) = 0.250 mW/g



0 dB = 0.250mW/g

Test Laboratory: A Test Lab Techno Corp. Date/Time: 10/1/2007 8:02:14 PM

Flat_IEEE 802.11b CH1_1M_Top Close Body _NB DELL-PP19L

DUT: NWD210N; Type: Wireless N USB Adapter; FCC ID:I88NWD210N

Communication System: IEEE 802.11b; Frequency: 2412 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2412 MHz; σ = 1.88 mho/m; ε_r = 52.7; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

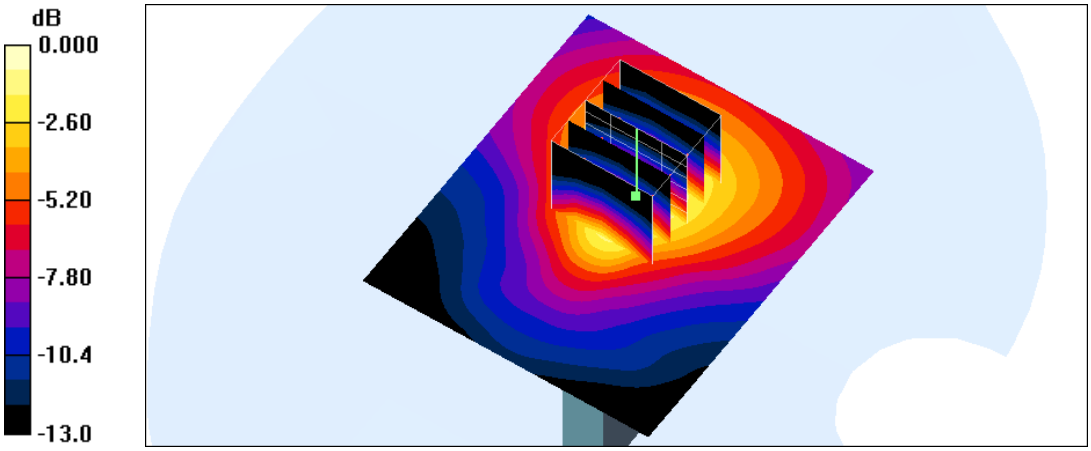
- Probe: ET3DV6 - SN1531; ConvF(4.09, 4.09, 4.09); Calibrated: 1/22/2007
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 10/16/2006
- Phantom: SAM 12; Type: SAM v4.0; Serial: TP:1009
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Flat/Area Scan (61x71x1):

Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.176 mW/g

Flat/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.16 V/m; Power Drift = -0.034 dB
Peak SAR (extrapolated) = 0.330 W/kg
SAR(1 g) = 0.155 mW/g; SAR(10 g) = 0.082 mW/g
Maximum value of SAR (measured) = 0.162 mW/g



0 dB = 0.162mW/g

Test Laboratory: A Test Lab Techno Corp. Date/Time: 10/1/2007 8:16:56 PM

Flat_IEEE 802.11b CH6_1M_Top Close Body _NB DELL-PP19L

DUT: NWD210N; Type: Wireless N USB Adapter; FCC ID:I88NWD210N

Communication System: IEEE 802.11b; Frequency: 2437 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2437 MHz; σ = 1.9 mho/m; ε_r = 52.6; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

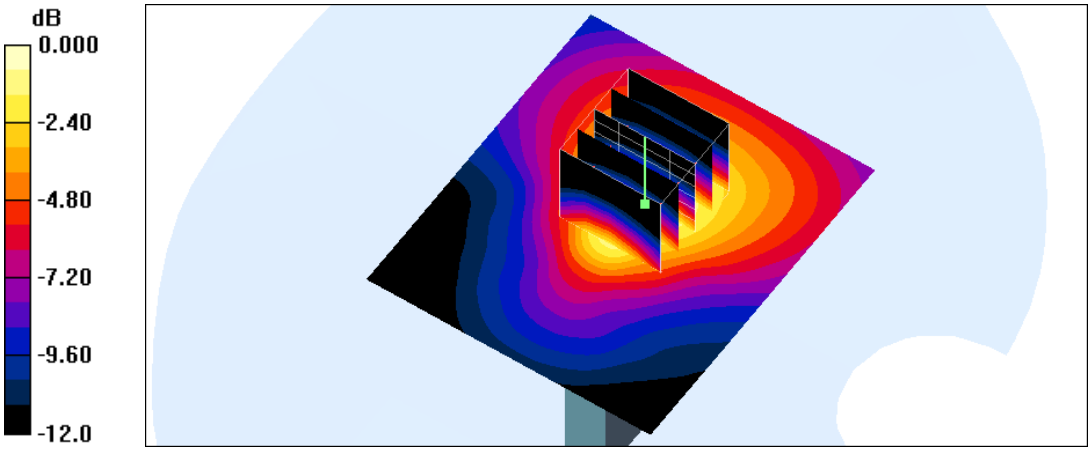
- Probe: ET3DV6 - SN1531; ConvF(4.09, 4.09, 4.09); Calibrated: 1/22/2007
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 10/16/2006
- Phantom: SAM 12; Type: SAM v4.0; Serial: TP:1009
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Flat/Area Scan (61x71x1):

Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.143 mW/g

Flat/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.94 V/m; Power Drift = -0.092 dB
Peak SAR (extrapolated) = 0.269 W/kg
SAR(1 g) = 0.125 mW/g; SAR(10 g) = 0.066 mW/g
Maximum value of SAR (measured) = 0.131 mW/g



0 dB = 0.131mW/g

Test Laboratory: A Test Lab Techno Corp. Date/Time: 10/1/2007 8:32:41 PM

Flat_IEEE 802.11b CH11_1M_Top Close Body _NB DELL-PP19L

DUT: NWD210N; Type: Wireless N USB Adapter; FCC ID:I88NWD210N

Communication System: IEEE 802.11b; Frequency: 2462 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2462 MHz; σ = 1.94 mho/m; ε_r = 52.5; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

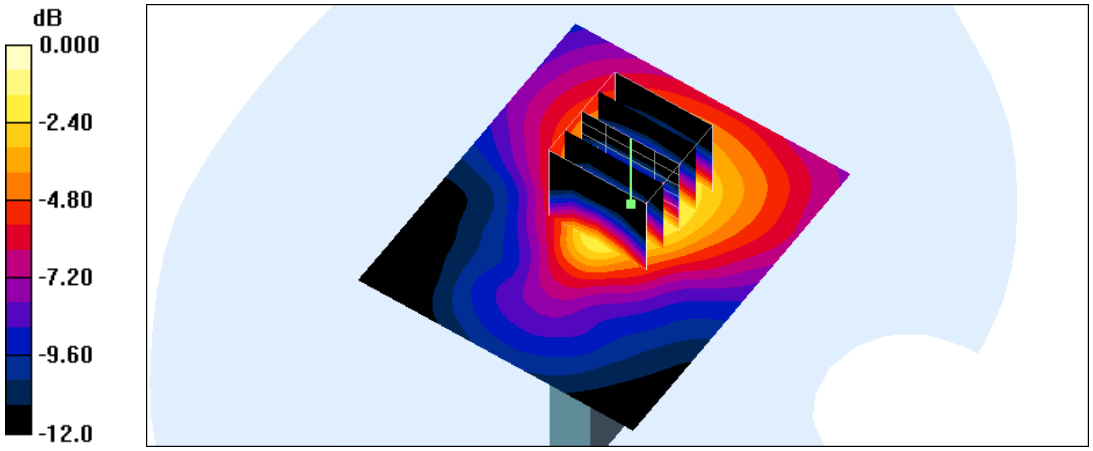
- Probe: ET3DV6 - SN1531; ConvF(4.09, 4.09, 4.09); Calibrated: 1/22/2007
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 10/16/2006
- Phantom: SAM 12; Type: SAM v4.0; Serial: TP:1009
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Flat/Area Scan (61x71x1):

Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.111 mW/g

Flat/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.15 V/m; Power Drift = -0.087 dB
Peak SAR (extrapolated) = 0.207 W/kg
SAR(1 g) = 0.097 mW/g; SAR(10 g) = 0.051 mW/g
Maximum value of SAR (measured) = 0.101 mW/g



0 dB = 0.101mW/g

Test Laboratory: A Test Lab Techno Corp. Date/Time: 10/3/2007 12:09:27 AM

Flat_IEEE 802.11b CH1_1M_Top Close Body _NB ASUS-A3000

DUT: NWD210N; Type: Wireless N USB Adapter; FCC ID:I88NWD210N

Communication System: IEEE 802.11b; Frequency: 2412 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2412 MHz; σ = 1.88 mho/m; ε_r = 52.7; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

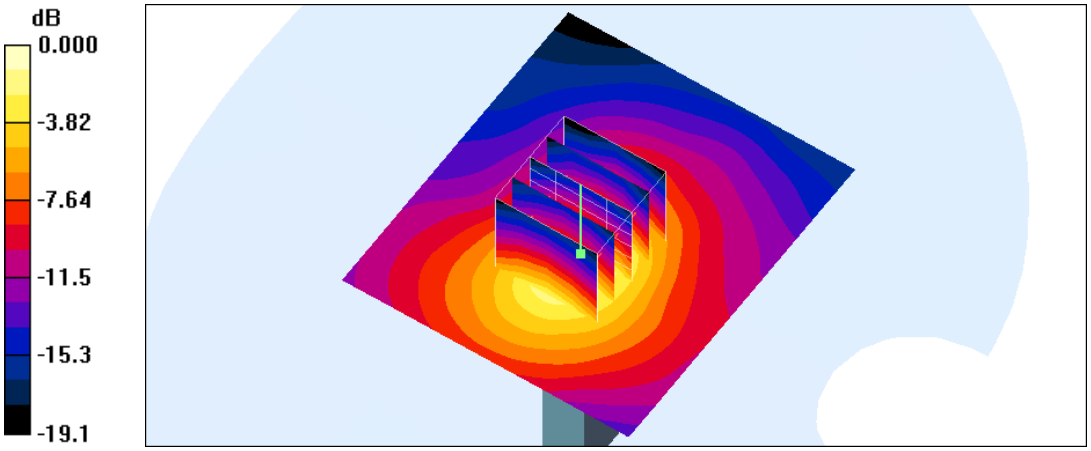
- Probe: ET3DV6 - SN1531; ConvF(4.09, 4.09, 4.09); Calibrated: 1/22/2007
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 10/16/2006
- Phantom: SAM 12; Type: SAM v4.0; Serial: TP:1009
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Flat/Area Scan (61x71x1):

Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.184 mW/g

Flat/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.45 V/m; Power Drift = -0.056 dB
Peak SAR (extrapolated) = 0.352 W/kg
SAR(1 g) = 0.161 mW/g; SAR(10 g) = 0.081 mW/g
Maximum value of SAR (measured) = 0.177 mW/g



0 dB = 0.177mW/g

Test Laboratory: A Test Lab Techno Corp. Date/Time: 10/3/2007 12:23:36 AM

Flat_IEEE 802.11b CH6_1M_Top Close Body _NB ASUS-A3000

DUT: NWD210N; Type: Wireless N USB Adapter; FCC ID:I88NWD210N

Communication System: IEEE 802.11b; Frequency: 2437 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2437 MHz; σ = 1.9 mho/m; ε_r = 52.6; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

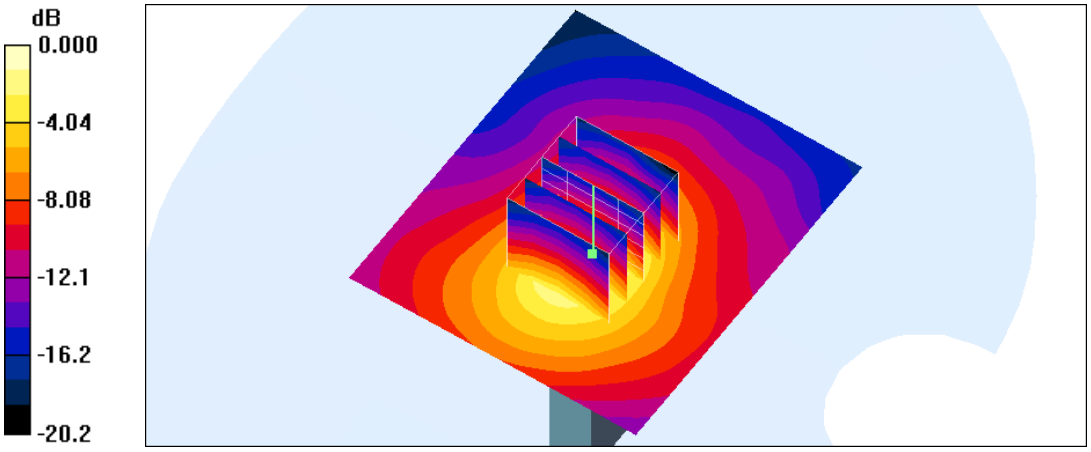
- Probe: ET3DV6 - SN1531; ConvF(4.09, 4.09, 4.09); Calibrated: 1/22/2007
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 10/16/2006
- Phantom: SAM 12; Type: SAM v4.0; Serial: TP:1009
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Flat/Area Scan (61x71x1):

Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.173 mW/g

Flat/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.78 V/m; Power Drift = -0.160 dB
Peak SAR (extrapolated) = 0.323 W/kg
SAR(1 g) = 0.148 mW/g; SAR(10 g) = 0.074 mW/g
Maximum value of SAR (measured) = 0.164 mW/g



0 dB = 0.164mW/g

Test Laboratory: A Test Lab Techno Corp. Date/Time: 10/3/2007 12:36:25 AM

Flat_IEEE 802.11b CH11_1M_Top Close Body _NB ASUS-A3000

DUT: NWD210N; Type: Wireless N USB Adapter; FCC ID:I88NWD210N

Communication System: IEEE 802.11b; Frequency: 2462 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2462 MHz; σ = 1.94 mho/m; ε_r = 52.5; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

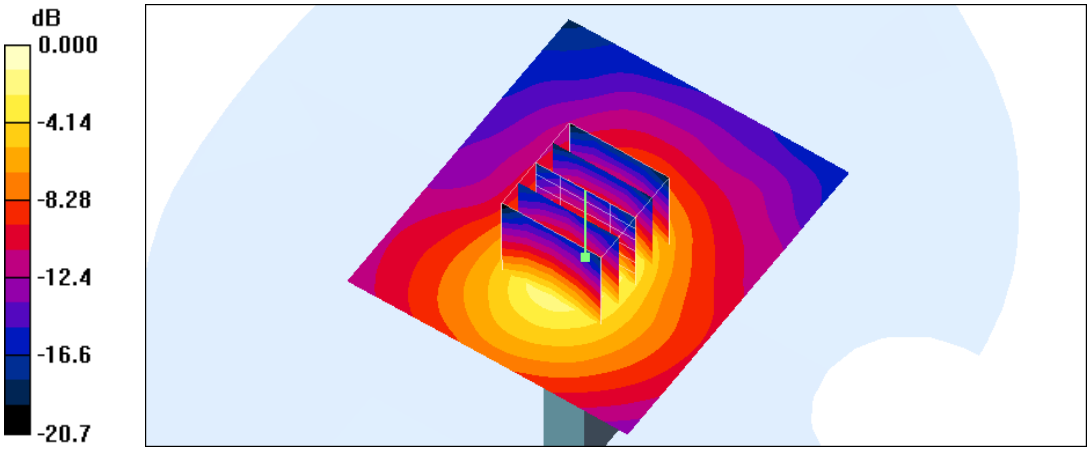
- Probe: ET3DV6 - SN1531; ConvF(4.09, 4.09, 4.09); Calibrated: 1/22/2007
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 10/16/2006
- Phantom: SAM 12; Type: SAM v4.0; Serial: TP:1009
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Flat/Area Scan (61x71x1):

Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.138 mW/g

Flat/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.43 V/m; Power Drift = -0.115 dB
Peak SAR (extrapolated) = 0.261 W/kg
SAR(1 g) = 0.121 mW/g; SAR(10 g) = 0.060 mW/g
Maximum value of SAR (measured) = 0.134 mW/g



0 dB = 0.134mW/g

Test Laboratory: A Test Lab Techno Corp. Date/Time: 10/8/2007 10:17:52 AM

Flat_IEEE 802.11b CH1_1M_Top Close Body _NB DELL-PP20L

DUT: NWD210N; Type: Wireless N USB Adapter; FCC ID:I88NWD210N

Communication System: IEEE 802.11b; Frequency: 2412 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2412 MHz; σ = 1.88 mho/m; ε_r = 52.7; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

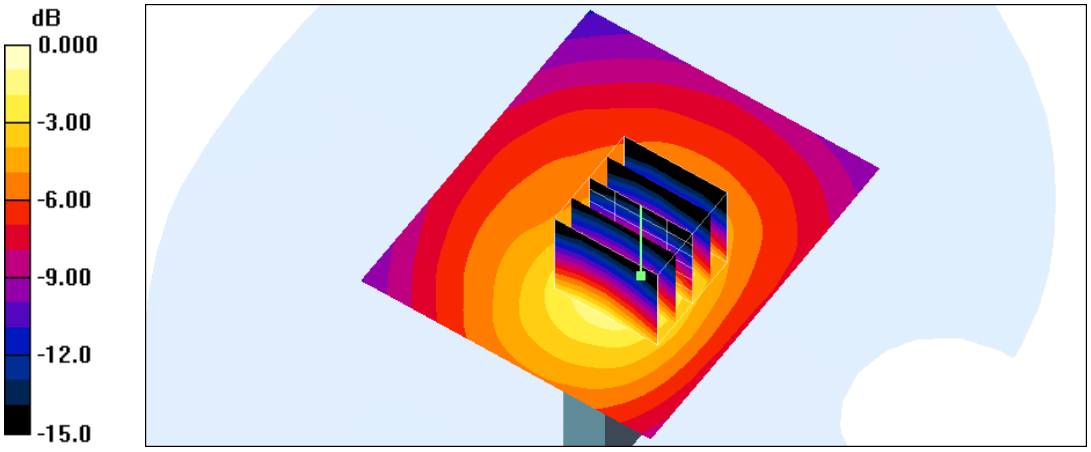
- Probe: ET3DV6 - SN1531; ConvF(4.09, 4.09, 4.09); Calibrated: 1/22/2007
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 10/16/2006
- Phantom: SAM 12; Type: SAM v4.0; Serial: TP:1009
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Flat/Area Scan (61x71x1):

Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.170 mW/g

Flat/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.11 V/m; Power Drift = -0.051 dB
Peak SAR (extrapolated) = 0.322 W/kg
SAR(1 g) = 0.152 mW/g; SAR(10 g) = 0.082 mW/g
Maximum value of SAR (measured) = 0.164 mW/g



0 dB = 0.164mW/g

Test Laboratory: A Test Lab Techno Corp. Date/Time: 10/8/2007 10:34:34 AM

Flat_IEEE 802.11b CH6_1M_Top Close Body _NB DELL-PP20L

DUT: NWD210N; Type: Wireless N USB Adapter; FCC ID:I88NWD210N

Communication System: IEEE 802.11b; Frequency: 2437 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2437 MHz; σ = 1.9 mho/m; ε_r = 52.6; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

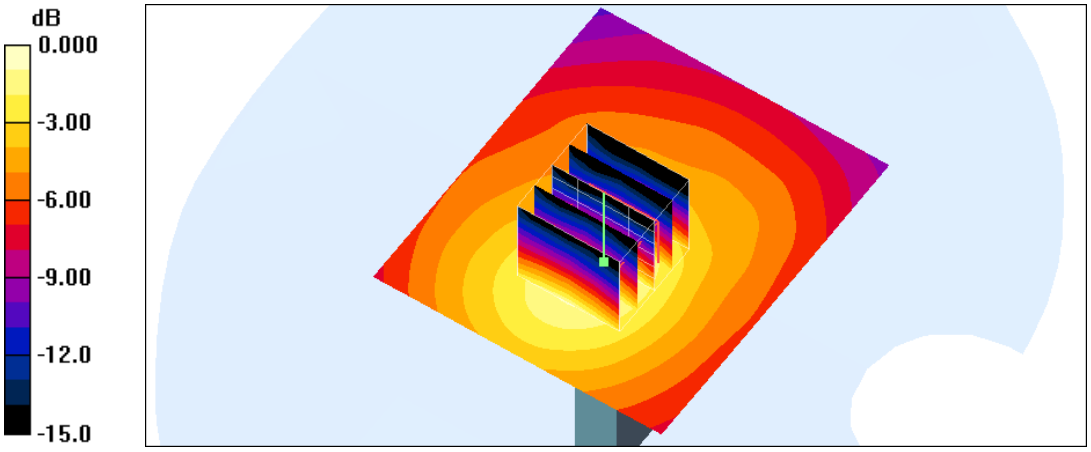
- Probe: ET3DV6 - SN1531; ConvF(4.09, 4.09, 4.09); Calibrated: 1/22/2007
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 10/16/2006
- Phantom: SAM 12; Type: SAM v4.0; Serial: TP:1009
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Flat/Area Scan (61x71x1):

Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.124 mW/g

Flat/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.44 V/m; Power Drift = -0.071 dB
Peak SAR (extrapolated) = 0.240 W/kg
SAR(1 g) = 0.113 mW/g; SAR(10 g) = 0.062 mW/g
Maximum value of SAR (measured) = 0.122 mW/g



0 dB = 0.122mW/g

Test Laboratory: A Test Lab Techno Corp. Date/Time: 10/8/2007 10:53:15 AM

Flat_IEEE 802.11b CH11_1M_Top Close Body _NB DELL-PP20L

DUT: NWD210N; Type: Wireless N USB Adapter; FCC ID:I88NWD210N

Communication System: IEEE 802.11b; Frequency: 2462 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2462 MHz; σ = 1.94 mho/m; ε_r = 52.5; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

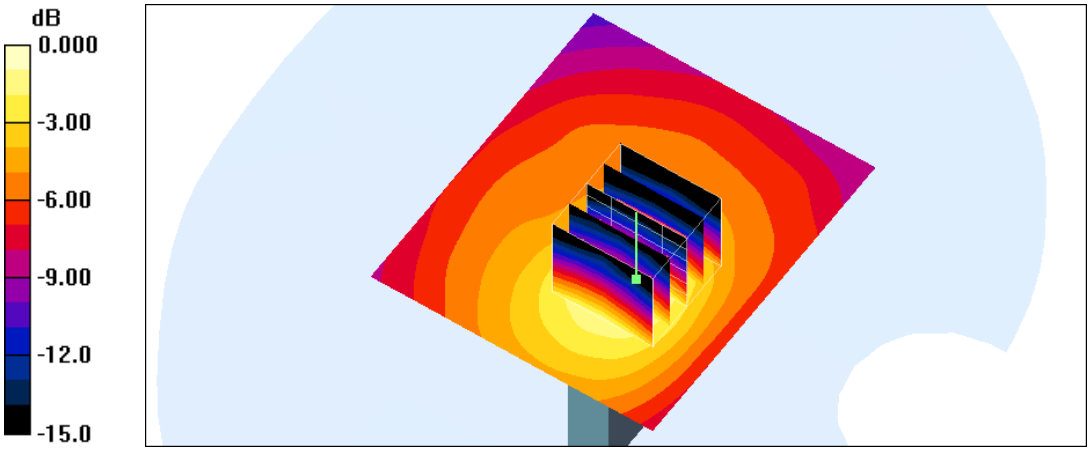
- Probe: ET3DV6 - SN1531; ConvF(4.09, 4.09, 4.09); Calibrated: 1/22/2007
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 10/16/2006
- Phantom: SAM 12; Type: SAM v4.0; Serial: TP:1009
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Flat/Area Scan (61x71x1):

Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.120 mW/g

Flat/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.98 V/m; Power Drift = -0.067 dB
Peak SAR (extrapolated) = 0.231 W/kg
SAR(1 g) = 0.109 mW/g; SAR(10 g) = 0.059 mW/g
Maximum value of SAR (measured) = 0.118 mW/g



0 dB = 0.118mW/g

Test Laboratory: A Test Lab Techno Corp. Date/Time: 10/1/2007 8:47:32 PM

Flat_IEEE 802.11b CH1_11M_Top Close Body _NB DELL-PP19L

DUT: NWD210N; Type: Wireless N USB Adapter; FCC ID:I88NWD210N

Communication System: IEEE 802.11b; Frequency: 2412 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2412 MHz; σ = 1.88 mho/m; ε_r = 52.7; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

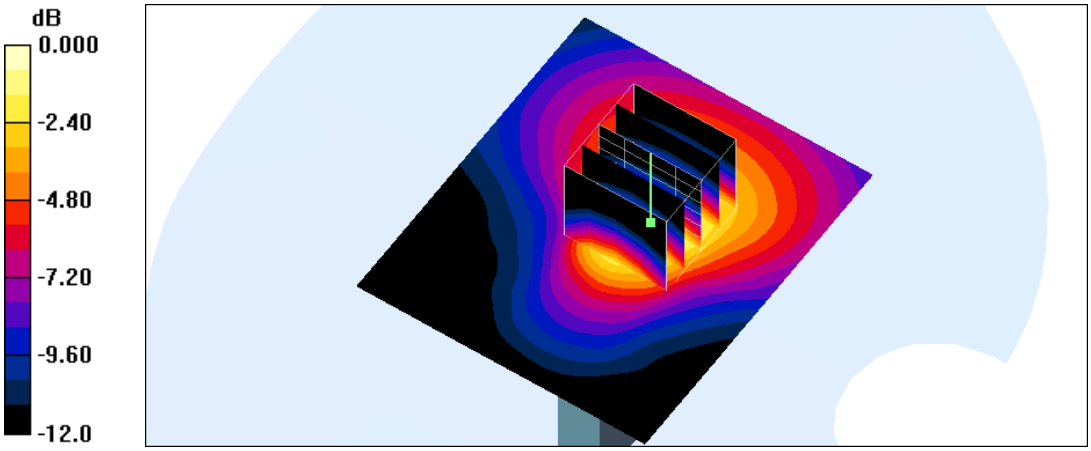
- Probe: ET3DV6 - SN1531; ConvF(4.09, 4.09, 4.09); Calibrated: 1/22/2007
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 10/16/2006
- Phantom: SAM 12; Type: SAM v4.0; Serial: TP:1009
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Flat/Area Scan (61x71x1):

Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.169 mW/g

Flat/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.70 V/m; Power Drift = -0.055 dB
Peak SAR (extrapolated) = 0.327 W/kg
SAR(1 g) = 0.156 mW/g; SAR(10 g) = 0.082 mW/g
Maximum value of SAR (measured) = 0.167 mW/g



0 dB = 0.167mW/g

Test Laboratory: A Test Lab Techno Corp. Date/Time: 10/1/2007 9:01:42 PM

Flat_IEEE 802.11b CH6_11M_Top Close Body _NB DELL-PP19L

DUT: NWD210N; Type: Wireless N USB Adapter; FCC ID:I88NWD210N

Communication System: IEEE 802.11b; Frequency: 2437 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2437 MHz; σ = 1.9 mho/m; ε_r = 52.6; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

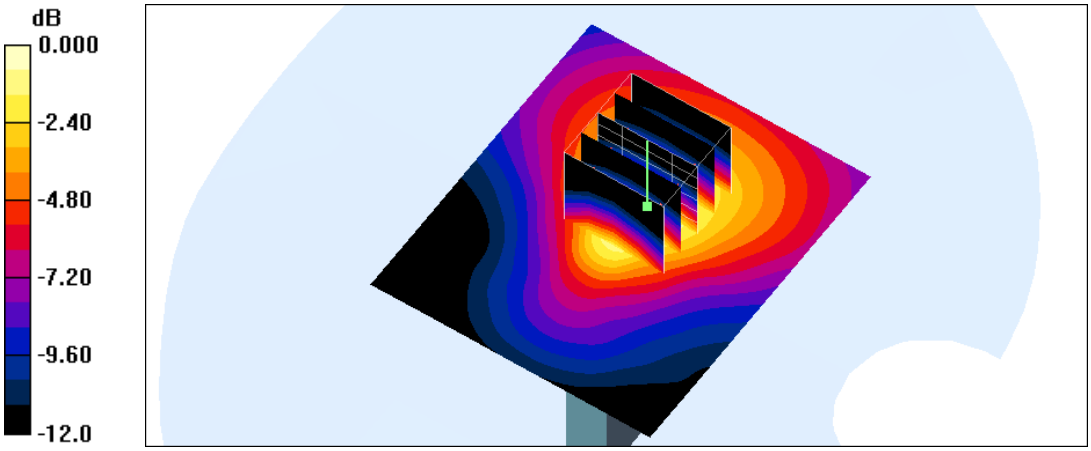
- Probe: ET3DV6 - SN1531; ConvF(4.09, 4.09, 4.09); Calibrated: 1/22/2007
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 10/16/2006
- Phantom: SAM 12; Type: SAM v4.0; Serial: TP:1009
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Flat/Area Scan (61x71x1):

Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.151 mW/g

Flat/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.94 V/m; Power Drift = -0.091 dB
Peak SAR (extrapolated) = 0.275 W/kg
SAR(1 g) = 0.130 mW/g; SAR(10 g) = 0.069 mW/g
Maximum value of SAR (measured) = 0.136 mW/g



0 dB = 0.136mW/g

Test Laboratory: A Test Lab Techno Corp. Date/Time: 10/1/2007 9:14:59 PM

Flat_IEEE 802.11b CH11_11M_Top Close Body _NB DELL-PP19L

DUT: NWD210N; Type: Wireless N USB Adapter; FCC ID:I88NWD210N

Communication System: IEEE 802.11b; Frequency: 2462 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2462 MHz; σ = 1.94 mho/m; ε_r = 52.5; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

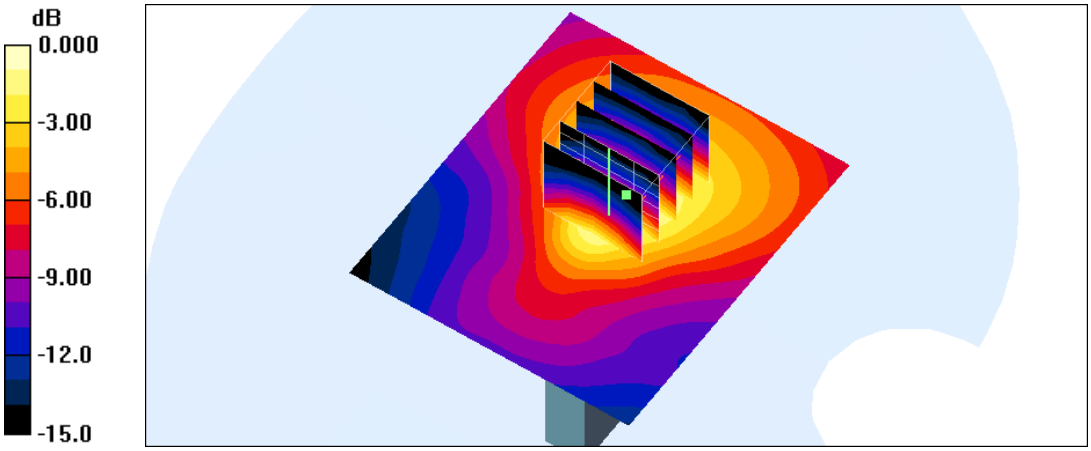
- Probe: ET3DV6 - SN1531; ConvF(4.09, 4.09, 4.09); Calibrated: 1/22/2007
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 10/16/2006
- Phantom: SAM 12; Type: SAM v4.0; Serial: TP:1009
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Flat/Area Scan (61x71x1):

Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.112 mW/g

Flat/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.30 V/m; Power Drift = -0.037 dB
Peak SAR (extrapolated) = 0.223 W/kg
SAR(1 g) = 0.102 mW/g; SAR(10 g) = 0.054 mW/g
Maximum value of SAR (measured) = 0.107 mW/g



0 dB = 0.107mW/g

Test Laboratory: A Test Lab Techno Corp. Date/Time: 10/3/2007 12:49:55 AM

Flat_IEEE 802.11b CH1_11M_Top Close Body _NB ASUS-A3000

DUT: NWD210N; Type: Wireless N USB Adapter; FCC ID:I88NWD210N

Communication System: IEEE 802.11b; Frequency: 2412 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2412 MHz; σ = 1.88 mho/m; ε_r = 52.7; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

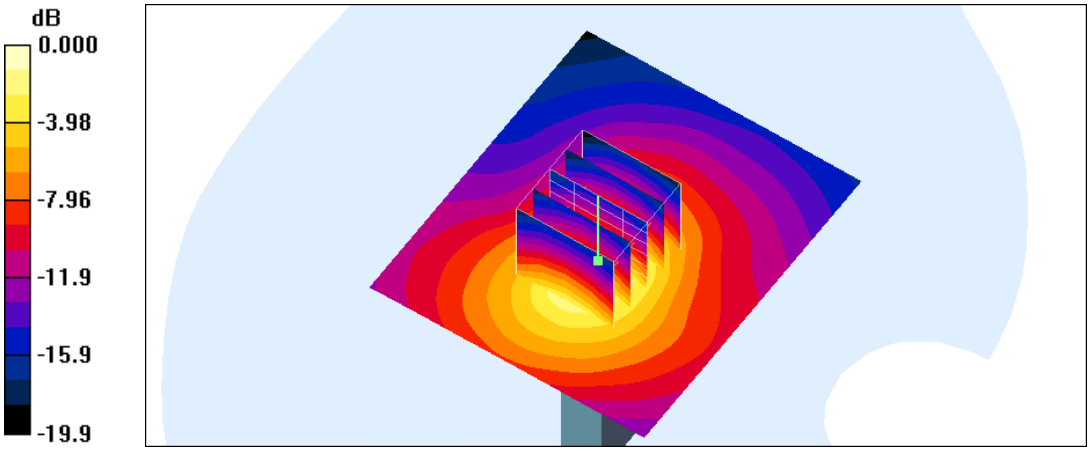
- Probe: ET3DV6 - SN1531; ConvF(4.09, 4.09, 4.09); Calibrated: 1/22/2007
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 10/16/2006
- Phantom: SAM 12; Type: SAM v4.0; Serial: TP:1009
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Flat/Area Scan (61x71x1):

Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.179 mW/g

Flat/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.90 V/m; Power Drift = -0.107 dB
Peak SAR (extrapolated) = 0.345 W/kg
SAR(1 g) = 0.157 mW/g; SAR(10 g) = 0.079 mW/g
Maximum value of SAR (measured) = 0.173 mW/g



0 dB = 0.173mW/g

Test Laboratory: A Test Lab Techno Corp. Date/Time: 10/3/2007 1:02:10 AM

Flat_IEEE 802.11b CH6_11M_Top Close Body _NB ASUS-A3000

DUT: NWD210N; Type: Wireless N USB Adapter; FCC ID:I88NWD210N

Communication System: IEEE 802.11b; Frequency: 2437 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2437 MHz; σ = 1.9 mho/m; ε_r = 52.6; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

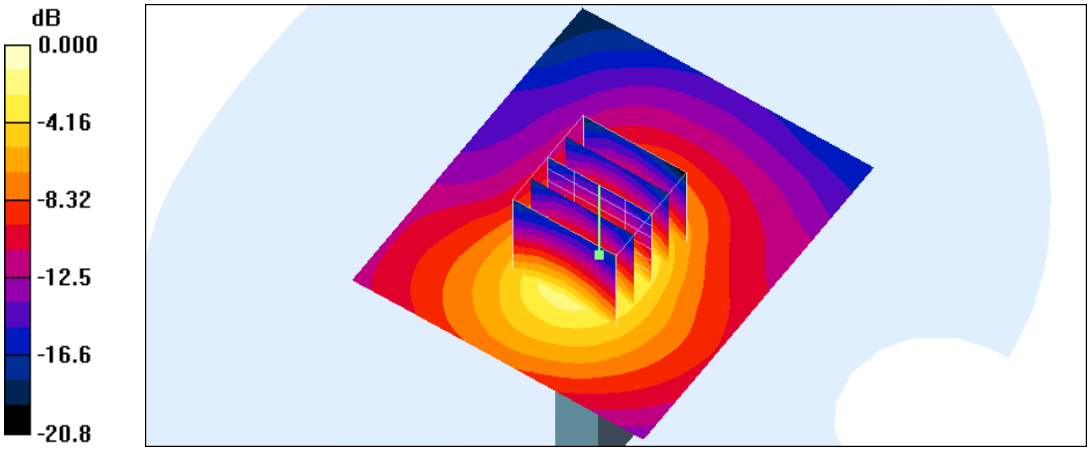
- Probe: ET3DV6 - SN1531; ConvF(4.09, 4.09, 4.09); Calibrated: 1/22/2007
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 10/16/2006
- Phantom: SAM 12; Type: SAM v4.0; Serial: TP:1009
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Flat/Area Scan (61x71x1):

Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.171 mW/g

Flat/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.43 V/m; Power Drift = -0.083 dB
Peak SAR (extrapolated) = 0.317 W/kg
SAR(1 g) = 0.147 mW/g; SAR(10 g) = 0.074 mW/g
Maximum value of SAR (measured) = 0.162 mW/g



0 dB = 0.162mW/g

Test Laboratory: A Test Lab Techno Corp. Date/Time: 10/3/2007 1:18:42 AM

Flat_IEEE 802.11b CH11_11M_Top Close Body _NB ASUS-A3000

DUT: NWD210N; Type: Wireless N USB Adapter; FCC ID:I88NWD210N

Communication System: IEEE 802.11b; Frequency: 2462 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2462 MHz; σ = 1.94 mho/m; ε_r = 52.5; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

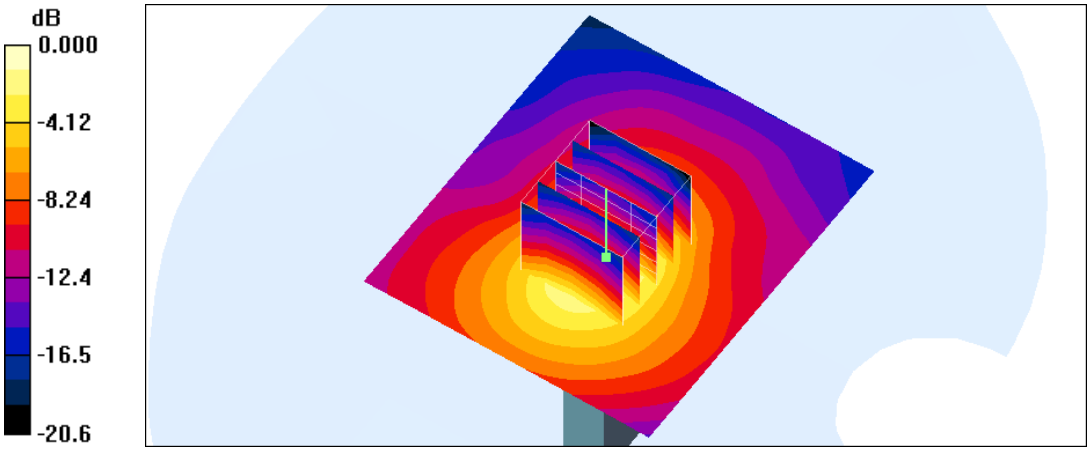
- Probe: ET3DV6 - SN1531; ConvF(4.09, 4.09, 4.09); Calibrated: 1/22/2007
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 10/16/2006
- Phantom: SAM 12; Type: SAM v4.0; Serial: TP:1009
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Flat/Area Scan (61x71x1):

Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.139 mW/g

Flat/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.41 V/m; Power Drift = -0.083 dB
Peak SAR (extrapolated) = 0.263 W/kg
SAR(1 g) = 0.121 mW/g; SAR(10 g) = 0.061 mW/g
Maximum value of SAR (measured) = 0.133 mW/g



0 dB = 0.133mW/g

Test Laboratory: A Test Lab Techno Corp. Date/Time: 10/8/2007 11:07:17 AM

Flat_IEEE 802.11b CH1_11M_Top Close Body _NB DELL-PP20L

DUT: NWD210N; Type: Wireless N USB Adapter; FCC ID:I88NWD210N

Communication System: IEEE 802.11b; Frequency: 2412 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2412 MHz; σ = 1.88 mho/m; ε_r = 52.7; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

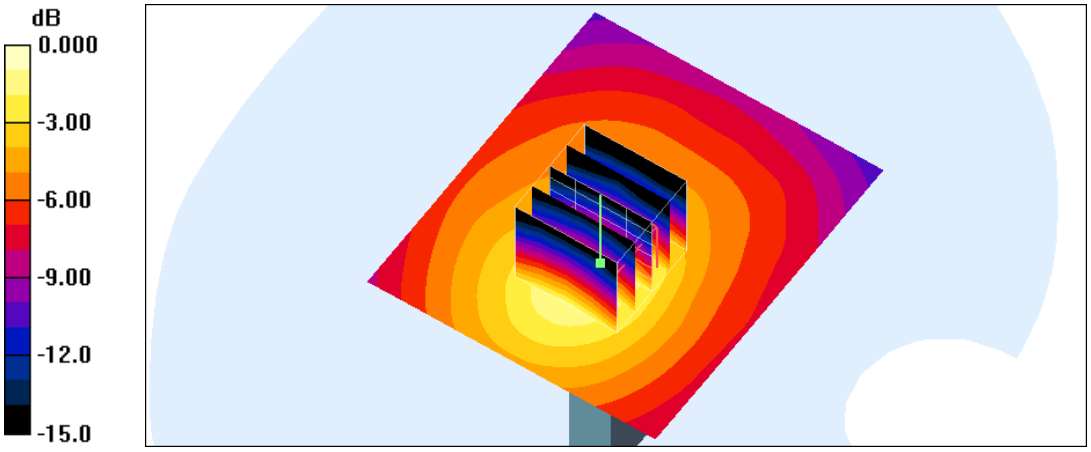
- Probe: ET3DV6 - SN1531; ConvF(4.09, 4.09, 4.09); Calibrated: 1/22/2007
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 10/16/2006
- Phantom: SAM 12; Type: SAM v4.0; Serial: TP:1009
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Flat/Area Scan (61x71x1):

Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.137 mW/g

Flat/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.85 V/m; Power Drift = -0.068 dB
Peak SAR (extrapolated) = 0.274 W/kg
SAR(1 g) = 0.129 mW/g; SAR(10 g) = 0.069 mW/g
Maximum value of SAR (measured) = 0.140 mW/g



0 dB = 0.140mW/g

Test Laboratory: A Test Lab Techno Corp. Date/Time: 10/8/2007 11:22:27 AM

Flat_IEEE 802.11b CH6_11M_Top Close Body _NB DELL-PP20L

DUT: NWD210N; Type: Wireless N USB Adapter; FCC ID:I88NWD210N

Communication System: IEEE 802.11b; Frequency: 2437 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2437 MHz; σ = 1.9 mho/m; ε_r = 52.6; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

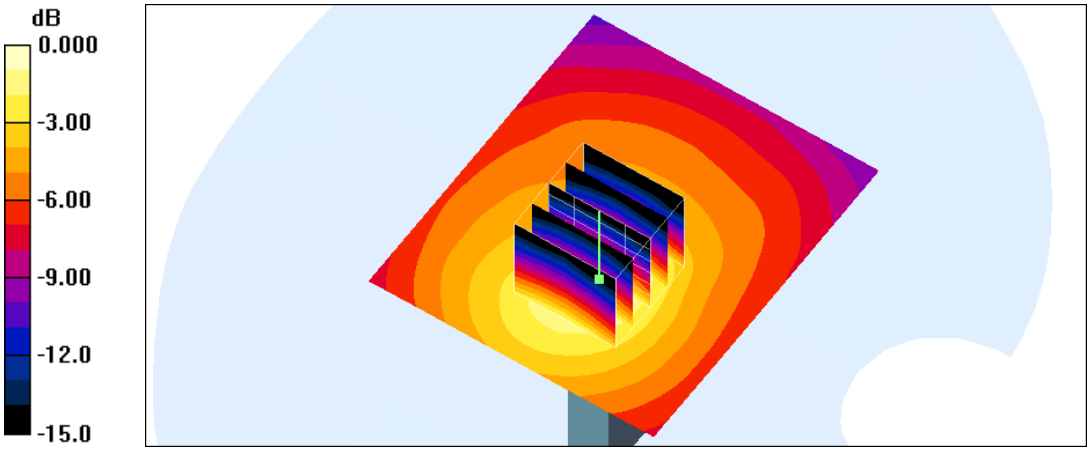
- Probe: ET3DV6 - SN1531; ConvF(4.09, 4.09, 4.09); Calibrated: 1/22/2007
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 10/16/2006
- Phantom: SAM 12; Type: SAM v4.0; Serial: TP:1009
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Flat/Area Scan (61x71x1):

Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.134 mW/g

Flat/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.41 V/m; Power Drift = -0.077 dB
Peak SAR (extrapolated) = 0.267 W/kg
SAR(1 g) = 0.128 mW/g; SAR(10 g) = 0.069 mW/g
Maximum value of SAR (measured) = 0.138 mW/g



0 dB = 0.138mW/g

Test Laboratory: A Test Lab Techno Corp. Date/Time: 10/8/2007 11:36:22 AM

Flat_IEEE 802.11b CH11_11M_Top Close Body _NB DELL-PP20L

DUT: NWD210N; Type: Wireless N USB Adapter; FCC ID:I88NWD210N

Communication System: IEEE 802.11b; Frequency: 2462 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2462 MHz; σ = 1.94 mho/m; ε_r = 52.5; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

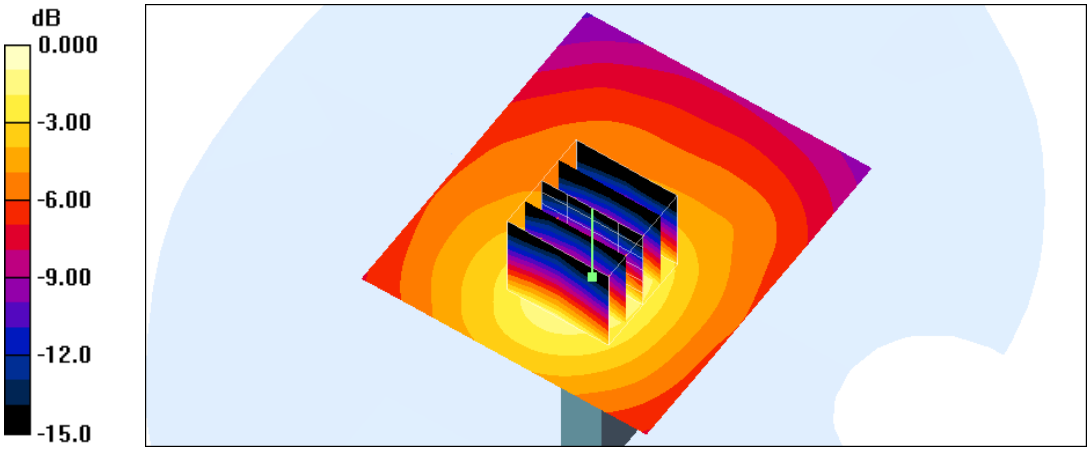
- Probe: ET3DV6 - SN1531; ConvF(4.09, 4.09, 4.09); Calibrated: 1/22/2007
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 10/16/2006
- Phantom: SAM 12; Type: SAM v4.0; Serial: TP:1009
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Flat/Area Scan (61x71x1):

Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.118 mW/g

Flat/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.69 V/m; Power Drift = -0.085 dB
Peak SAR (extrapolated) = 0.231 W/kg
SAR(1 g) = 0.110 mW/g; SAR(10 g) = 0.060 mW/g
Maximum value of SAR (measured) = 0.118 mW/g



0 dB = 0.118mW/g

Test Laboratory: A Test Lab Techno Corp. Date/Time: 10/1/2007 9:35:53 PM

Flat_IEEE 802.11g CH1_6M_Top Close Body _NB DELL-PP19L

DUT: NWD210N; Type: Wireless N USB Adapter; FCC ID:I88NWD210N

Communication System: IEEE 802.11g; Frequency: 2412 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2412 MHz; σ = 1.88 mho/m; ε_r = 52.7; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

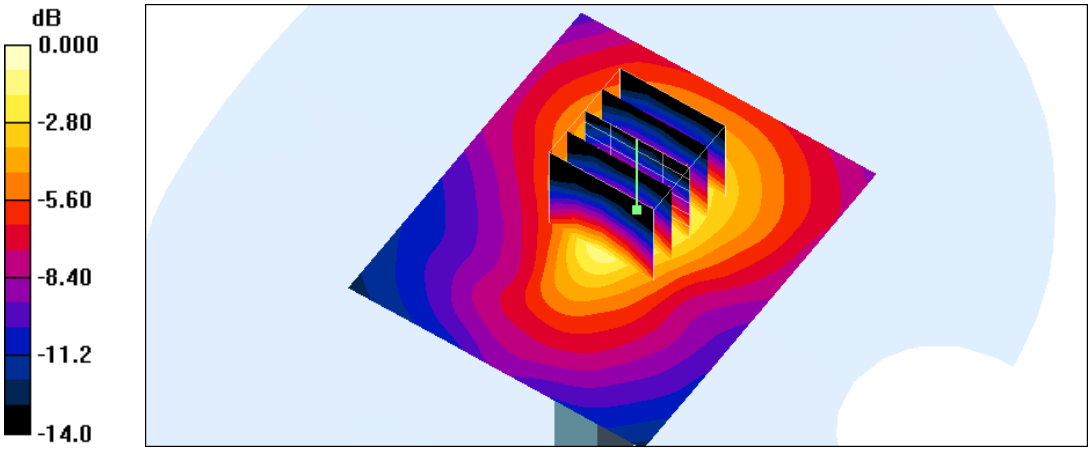
- Probe: ET3DV6 - SN1531; ConvF(4.09, 4.09, 4.09); Calibrated: 1/22/2007
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 10/16/2006
- Phantom: SAM 12; Type: SAM v4.0; Serial: TP:1009
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Flat/Area Scan (61x71x1):

Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.085 mW/g

Flat/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.67 V/m; Power Drift = -0.046 dB
Peak SAR (extrapolated) = 0.163 W/kg
SAR(1 g) = 0.077 mW/g; SAR(10 g) = 0.041 mW/g
Maximum value of SAR (measured) = 0.081 mW/g



0 dB = 0.081mW/g

Test Laboratory: A Test Lab Techno Corp. Date/Time: 10/1/2007 9:49:40 PM

Flat_IEEE 802.11g CH6_6M_Top Close Body _NB DELL-PP19L

DUT: NWD210N; Type: Wireless N USB Adapter; FCC ID:I88NWD210N

Communication System: IEEE 802.11g; Frequency: 2437 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2437 MHz; σ = 1.9 mho/m; ε_r = 52.6; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

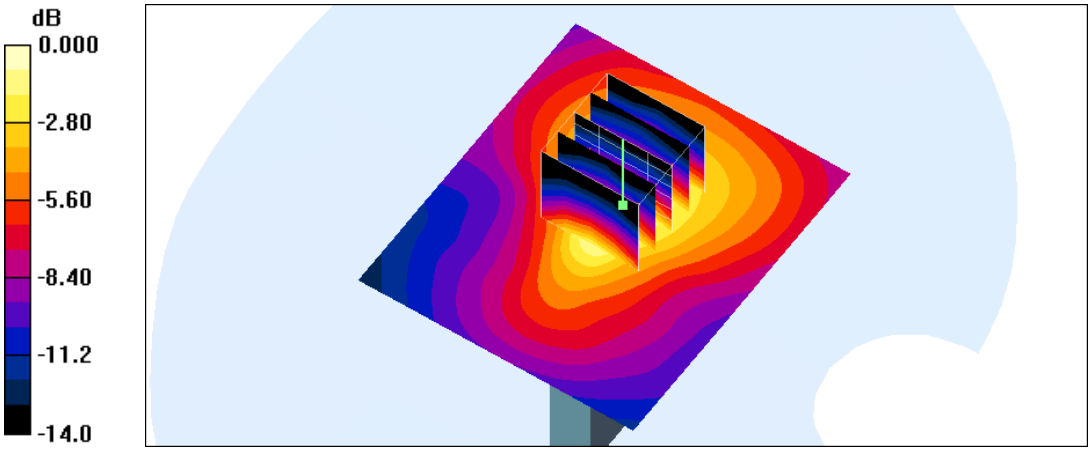
- Probe: ET3DV6 - SN1531; ConvF(4.09, 4.09, 4.09); Calibrated: 1/22/2007
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 10/16/2006
- Phantom: SAM 12; Type: SAM v4.0; Serial: TP:1009
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Flat/Area Scan (61x71x1):

Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.071 mW/g

Flat/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.10 V/m; Power Drift = -0.022 dB
Peak SAR (extrapolated) = 0.136 W/kg
SAR(1 g) = 0.065 mW/g; SAR(10 g) = 0.034 mW/g
Maximum value of SAR (measured) = 0.069 mW/g



0 dB = 0.069mW/g

Test Laboratory: A Test Lab Techno Corp. Date/Time: 10/1/2007 10:08:27 PM

Flat_IEEE 802.11g CH11_6M_Top Close Body _NB DELL-PP19L

DUT: NWD210N; Type: Wireless N USB Adapter; FCC ID:I88NWD210N

Communication System: IEEE 802.11g; Frequency: 2462 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2462 MHz; σ = 1.94 mho/m; ε_r = 52.5; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

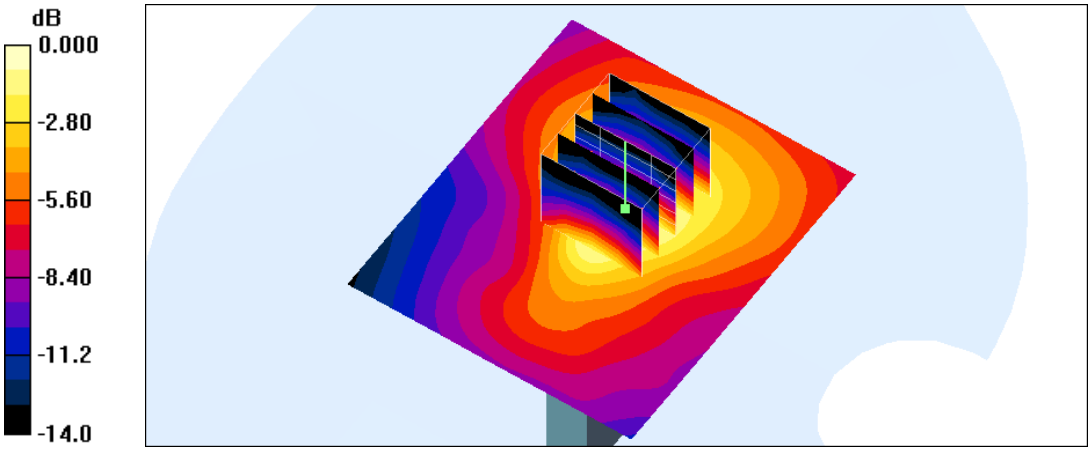
- Probe: ET3DV6 - SN1531; ConvF(4.09, 4.09, 4.09); Calibrated: 1/22/2007
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 10/16/2006
- Phantom: SAM 12; Type: SAM v4.0; Serial: TP:1009
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Flat/Area Scan (61x71x1):

Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.066 mW/g

Flat/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.11 V/m; Power Drift = -0.123 dB
Peak SAR (extrapolated) = 0.115 W/kg
SAR(1 g) = 0.055 mW/g; SAR(10 g) = 0.029 mW/g
Maximum value of SAR (measured) = 0.058 mW/g



0 dB = 0.058mW/g

Test Laboratory: A Test Lab Techno Corp. Date/Time: 10/3/2007 1:32:37 AM

Flat_IEEE 802.11g CH1_6M_Top Close Body _NB ASUS-A3000

DUT: NWD210N; Type: Wireless N USB Adapter; FCC ID:I88NWD210N

Communication System: IEEE 802.11g; Frequency: 2412 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2412 MHz; σ = 1.88 mho/m; ε_r = 52.7; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

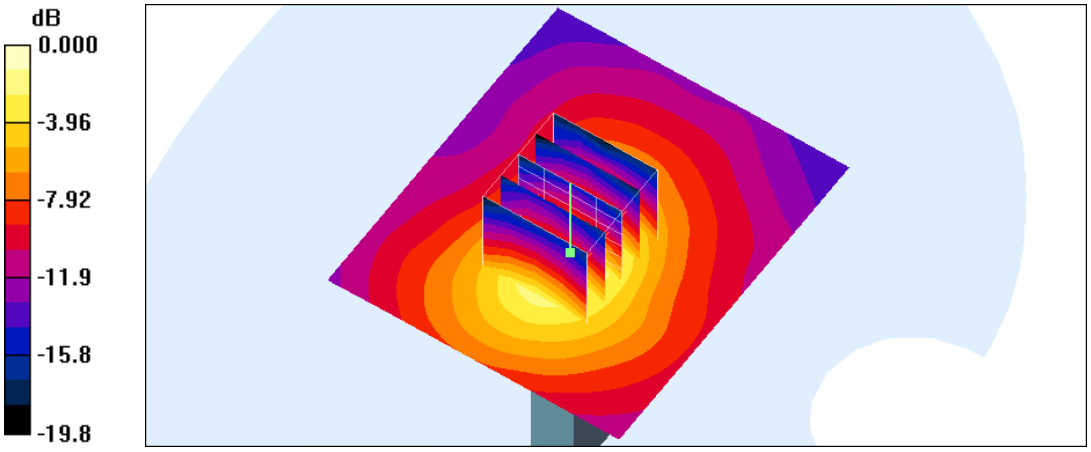
- Probe: ET3DV6 - SN1531; ConvF(4.09, 4.09, 4.09); Calibrated: 1/22/2007
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 10/16/2006
- Phantom: SAM 12; Type: SAM v4.0; Serial: TP:1009
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Flat/Area Scan (61x71x1):

Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.095 mW/g

Flat/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.99 V/m; Power Drift = -0.081 dB
Peak SAR (extrapolated) = 0.183 W/kg
SAR(1 g) = 0.085 mW/g; SAR(10 g) = 0.043 mW/g
Maximum value of SAR (measured) = 0.093 mW/g



0 dB = 0.093mW/g

Test Laboratory: A Test Lab Techno Corp. Date/Time: 10/3/2007 1:44:54 AM

Flat_IEEE 802.11g CH6_6M_Top Close Body _NB ASUS-A3000

DUT: NWD210N; Type: Wireless N USB Adapter; FCC ID:I88NWD210N

Communication System: IEEE 802.11g; Frequency: 2437 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2437 MHz; σ = 1.9 mho/m; ε_r = 52.6; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

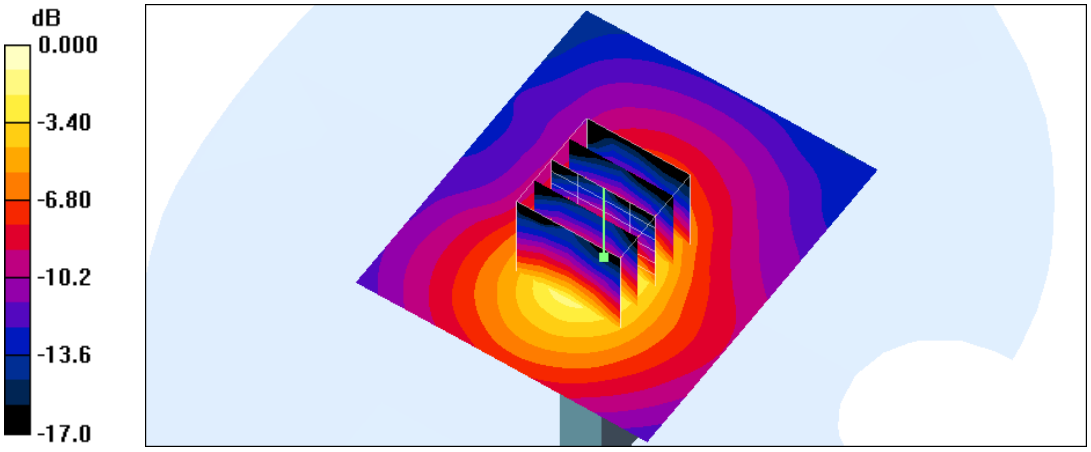
- Probe: ET3DV6 - SN1531; ConvF(4.09, 4.09, 4.09); Calibrated: 1/22/2007
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 10/16/2006
- Phantom: SAM 12; Type: SAM v4.0; Serial: TP:1009
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Flat/Area Scan (61x71x1):

Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.087 mW/g

Flat/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.74 V/m; Power Drift = -0.122 dB
Peak SAR (extrapolated) = 0.163 W/kg
SAR(1 g) = 0.077 mW/g; SAR(10 g) = 0.039 mW/g
Maximum value of SAR (measured) = 0.085 mW/g



0 dB = 0.085mW/g

Test Laboratory: A Test Lab Techno Corp. Date/Time: 10/3/2007 2:00:03 AM

Flat_IEEE 802.11g CH11_6M_Top Close Body _NB ASUS-A3000

DUT: NWD210N; Type: Wireless N USB Adapter; FCC ID:I88NWD210N

Communication System: IEEE 802.11g; Frequency: 2462 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2462 MHz; σ = 1.94 mho/m; ε_r = 52.5; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

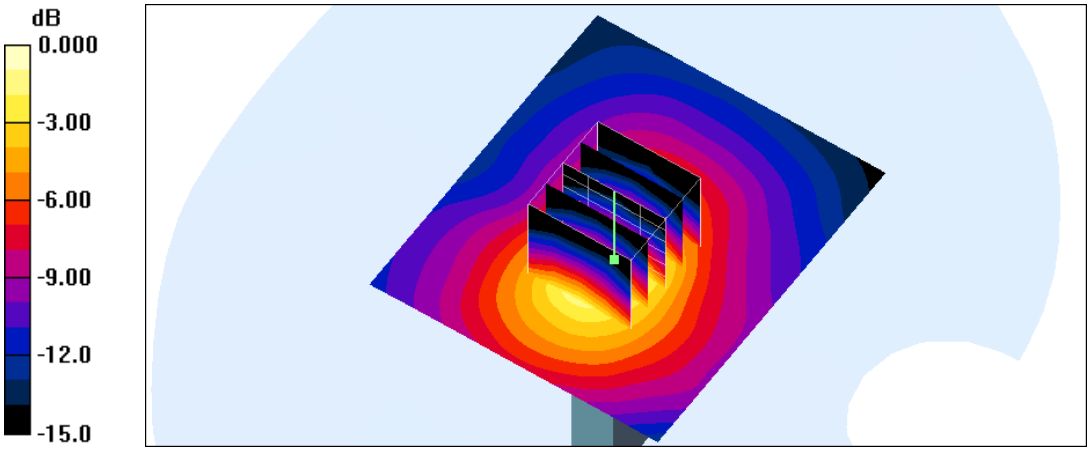
- Probe: ET3DV6 - SN1531; ConvF(4.09, 4.09, 4.09); Calibrated: 1/22/2007
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 10/16/2006
- Phantom: SAM 12; Type: SAM v4.0; Serial: TP:1009
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Flat/Area Scan (61x71x1):

Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.073 mW/g

Flat/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.04 V/m; Power Drift = -0.102 dB
Peak SAR (extrapolated) = 0.138 W/kg
SAR(1 g) = 0.063 mW/g; SAR(10 g) = 0.032 mW/g
Maximum value of SAR (measured) = 0.069 mW/g



0 dB = 0.069mW/g

Test Laboratory: A Test Lab Techno Corp. Date/Time: 10/8/2007 11:52:40 AM

Flat_IEEE 802.11g CH1_6M_Top Close Body _NB DELL-PP20L

DUT: NWD210N; Type: Wireless N USB Adapter; FCC ID:I88NWD210N

Communication System: IEEE 802.11g; Frequency: 2412 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2412 MHz; σ = 1.88 mho/m; ε_r = 52.7; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

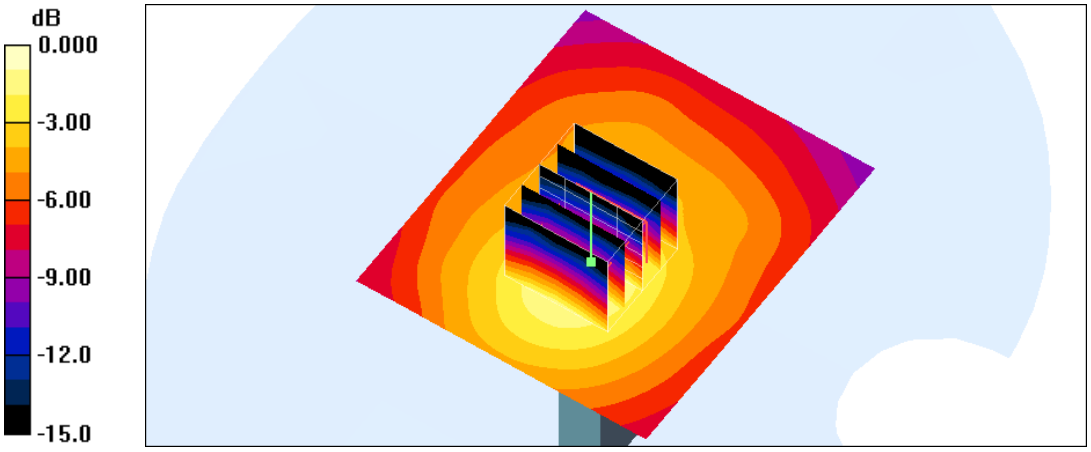
- Probe: ET3DV6 - SN1531; ConvF(4.09, 4.09, 4.09); Calibrated: 1/22/2007
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 10/16/2006
- Phantom: SAM 12; Type: SAM v4.0; Serial: TP:1009
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Flat/Area Scan (61x71x1):

Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.075 mW/g

Flat/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.89 V/m; Power Drift = -0.035 dB
Peak SAR (extrapolated) = 0.146 W/kg
SAR(1 g) = 0.071 mW/g; SAR(10 g) = 0.039 mW/g
Maximum value of SAR (measured) = 0.077 mW/g



0 dB = 0.077mW/g

Test Laboratory: A Test Lab Techno Corp. Date/Time: 10/8/2007 12:06:59 PM

Flat_IEEE 802.11g CH6_6M_Top Close Body _NB DELL-PP20L

DUT: NWD210N; Type: Wireless N USB Adapter; FCC ID:I88NWD210N

Communication System: IEEE 802.11g; Frequency: 2437 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2437 MHz; σ = 1.9 mho/m; ε_r = 52.6; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

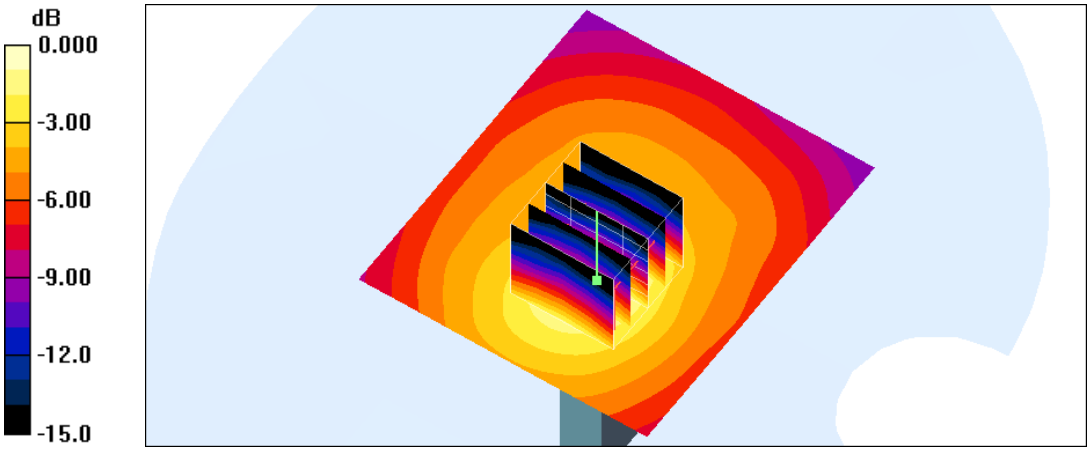
- Probe: ET3DV6 - SN1531; ConvF(4.09, 4.09, 4.09); Calibrated: 1/22/2007
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 10/16/2006
- Phantom: SAM 12; Type: SAM v4.0; Serial: TP:1009
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Flat/Area Scan (61x71x1):

Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.075 mW/g

Flat/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.86 V/m; Power Drift = -0.129 dB
Peak SAR (extrapolated) = 0.153 W/kg
SAR(1 g) = 0.073 mW/g; SAR(10 g) = 0.040 mW/g
Maximum value of SAR (measured) = 0.079 mW/g



0 dB = 0.079mW/g

Test Laboratory: A Test Lab Techno Corp. Date/Time: 10/8/2007 12:22:17 PM

Flat_IEEE 802.11g CH11_6M_Top Close Body _NB DELL-PP20L

DUT: NWD210N; Type: Wireless N USB Adapter; FCC ID:I88NWD210N

Communication System: IEEE 802.11g; Frequency: 2462 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2462 MHz; σ = 1.94 mho/m; ε_r = 52.5; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

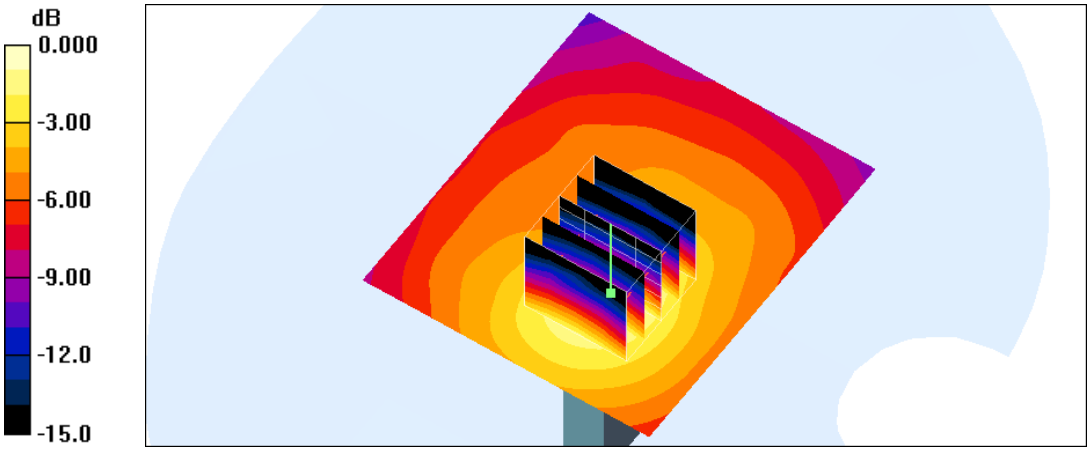
- Probe: ET3DV6 - SN1531; ConvF(4.09, 4.09, 4.09); Calibrated: 1/22/2007
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 10/16/2006
- Phantom: SAM 12; Type: SAM v4.0; Serial: TP:1009
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Flat/Area Scan (61x71x1):

Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.067 mW/g

Flat/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.91 V/m; Power Drift = -0.120 dB
Peak SAR (extrapolated) = 0.135 W/kg
SAR(1 g) = 0.065 mW/g; SAR(10 g) = 0.035 mW/g
Maximum value of SAR (measured) = 0.069 mW/g



0 dB = 0.069mW/g

Test Laboratory: A Test Lab Techno Corp. Date/Time: 10/1/2007 10:24:37 PM

Flat_IEEE 802.11g CH1_54M_Top Close Body _NB DELL-PP19L

DUT: NWD210N; Type: Wireless N USB Adapter; FCC ID:I88NWD210N

Communication System: IEEE 802.11g; Frequency: 2412 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2412 MHz; σ = 1.88 mho/m; ε_r = 52.7; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

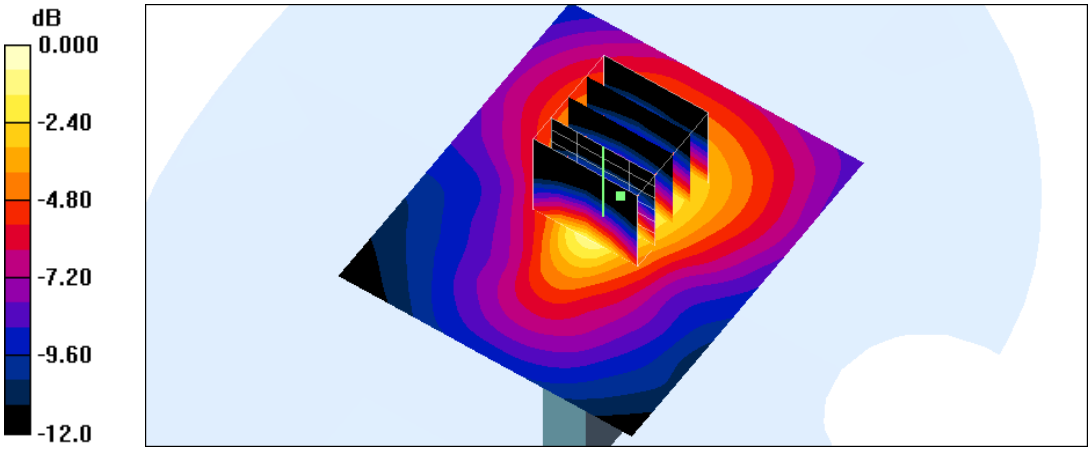
- Probe: ET3DV6 - SN1531; ConvF(4.09, 4.09, 4.09); Calibrated: 1/22/2007
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 10/16/2006
- Phantom: SAM 12; Type: SAM v4.0; Serial: TP:1009
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Flat/Area Scan (61x71x1):

Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.084 mW/g

Flat/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.77 V/m; Power Drift = -0.058 dB
Peak SAR (extrapolated) = 0.165 W/kg
SAR(1 g) = 0.078 mW/g; SAR(10 g) = 0.042 mW/g
Maximum value of SAR (measured) = 0.083 mW/g



0 dB = 0.083mW/g

Test Laboratory: A Test Lab Techno Corp. Date/Time: 10/1/2007 10:39:05 PM

Flat_IEEE 802.11g CH6_54M_Top Close Body _NB DELL-PP19L

DUT: NWD210N; Type: Wireless N USB Adapter; FCC ID:I88NWD210N

Communication System: IEEE 802.11g; Frequency: 2437 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2437 MHz; σ = 1.9 mho/m; ε_r = 52.6; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

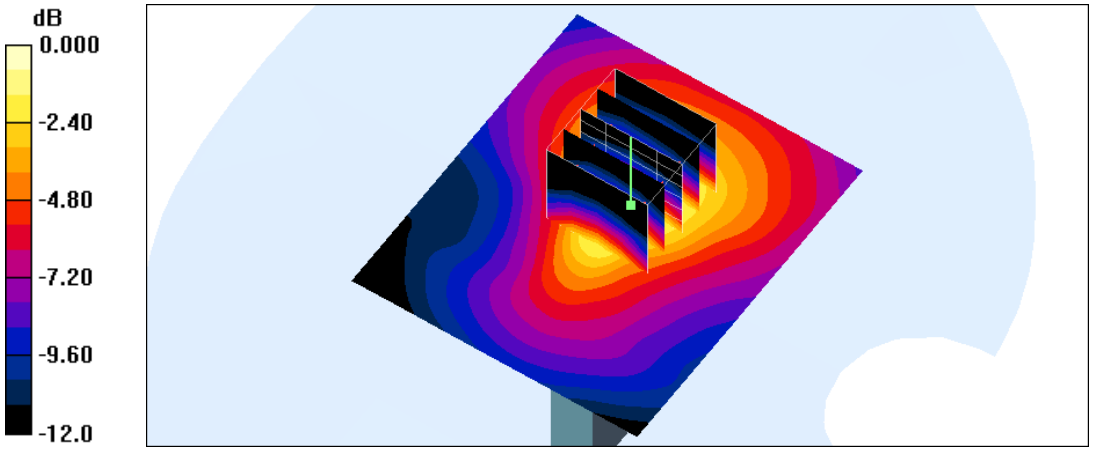
- Probe: ET3DV6 - SN1531; ConvF(4.09, 4.09, 4.09); Calibrated: 1/22/2007
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 10/16/2006
- Phantom: SAM 12; Type: SAM v4.0; Serial: TP:1009
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Flat/Area Scan (61x71x1):

Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.074 mW/g

Flat/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.89 V/m; Power Drift = -0.062 dB
Peak SAR (extrapolated) = 0.136 W/kg
SAR(1 g) = 0.065 mW/g; SAR(10 g) = 0.035 mW/g
Maximum value of SAR (measured) = 0.068 mW/g



0 dB = 0.068mW/g

Test Laboratory: A Test Lab Techno Corp. Date/Time: 10/1/2007 10:52:55 PM

Flat_IEEE 802.11g CH11_54M_Top Close Body _NB DELL-PP19L

DUT: NWD210N; Type: Wireless N USB Adapter; FCC ID:I88NWD210N

Communication System: IEEE 802.11g; Frequency: 2462 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2462 MHz; σ = 1.94 mho/m; ε_r = 52.5; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

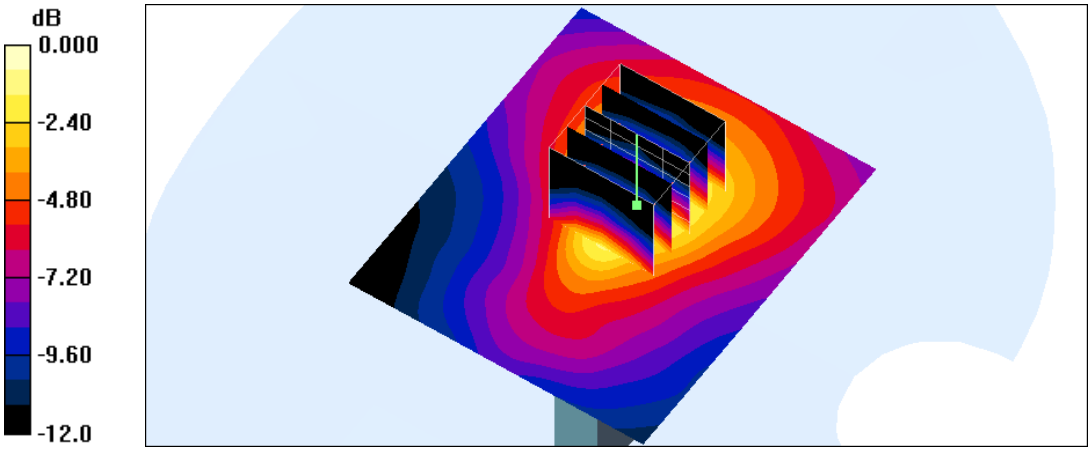
- Probe: ET3DV6 - SN1531; ConvF(4.09, 4.09, 4.09); Calibrated: 1/22/2007
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 10/16/2006
- Phantom: SAM 12; Type: SAM v4.0; Serial: TP:1009
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Flat/Area Scan (61x71x1):

Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.058 mW/g

Flat/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.31 V/m; Power Drift = -0.105 dB
Peak SAR (extrapolated) = 0.109 W/kg
SAR(1 g) = 0.053 mW/g; SAR(10 g) = 0.028 mW/g
Maximum value of SAR (measured) = 0.056 mW/g



0 dB = 0.056mW/g

Test Laboratory: A Test Lab Techno Corp. Date/Time: 10/3/2007 2:18:54 AM

Flat_IEEE 802.11g CH1_54M_Top Close Body _NB ASUS-A3000

DUT: NWD210N; Type: Wireless N USB Adapter; FCC ID:I88NWD210N

Communication System: IEEE 802.11g; Frequency: 2412 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2412 MHz; σ = 1.88 mho/m; ε_r = 52.7; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

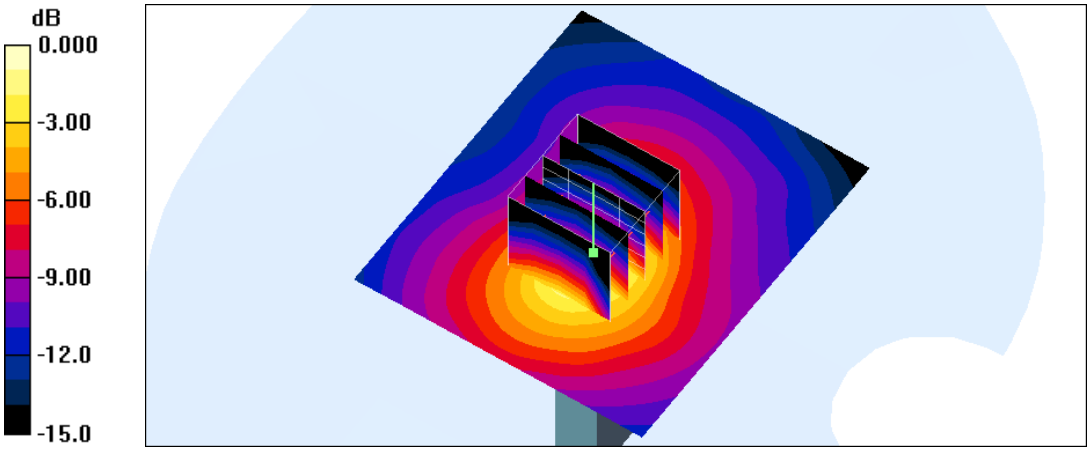
- Probe: ET3DV6 - SN1531; ConvF(4.09, 4.09, 4.09); Calibrated: 1/22/2007
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 10/16/2006
- Phantom: SAM 12; Type: SAM v4.0; Serial: TP:1009
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Flat/Area Scan (61x71x1):

Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.095 mW/g

Flat/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.11 V/m; Power Drift = -0.077 dB
Peak SAR (extrapolated) = 0.173 W/kg
SAR(1 g) = 0.084 mW/g; SAR(10 g) = 0.043 mW/g
Maximum value of SAR (measured) = 0.093 mW/g



0 dB = 0.093mW/g

Test Laboratory: A Test Lab Techno Corp. Date/Time: 10/3/2007 2:34:25 AM

Flat_IEEE 802.11g CH6_54M_Top Close Body _NB ASUS-A3000

DUT: NWD210N; Type: Wireless N USB Adapter; FCC ID:I88NWD210N

Communication System: IEEE 802.11g; Frequency: 2437 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2437 MHz; σ = 1.9 mho/m; ε_r = 52.6; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

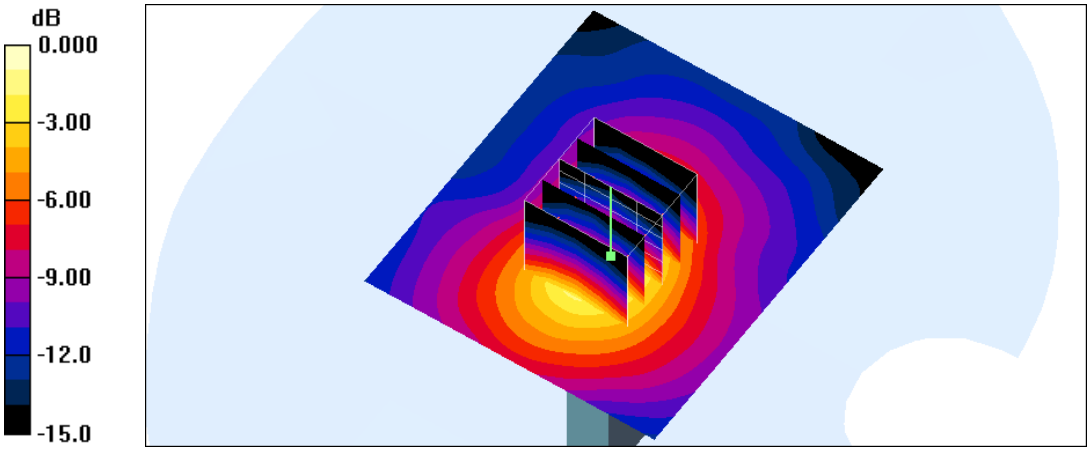
- Probe: ET3DV6 - SN1531; ConvF(4.09, 4.09, 4.09); Calibrated: 1/22/2007
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 10/16/2006
- Phantom: SAM 12; Type: SAM v4.0; Serial: TP:1009
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Flat/Area Scan (61x71x1):

Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.089 mW/g

Flat/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.63 V/m; Power Drift = -0.062 dB
Peak SAR (extrapolated) = 0.165 W/kg
SAR(1 g) = 0.078 mW/g; SAR(10 g) = 0.040 mW/g
Maximum value of SAR (measured) = 0.086 mW/g



0 dB = 0.086mW/g

Test Laboratory: A Test Lab Techno Corp. Date/Time: 10/3/2007 2:58:18 AM

Flat_IEEE 802.11g CH11_54M_Top Close Body _NB ASUS-A3000

DUT: NWD210N; Type: Wireless N USB Adapter; FCC ID:I88NWD210N

Communication System: IEEE 802.11g; Frequency: 2462 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2462 MHz; σ = 1.94 mho/m; ε_r = 52.5; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

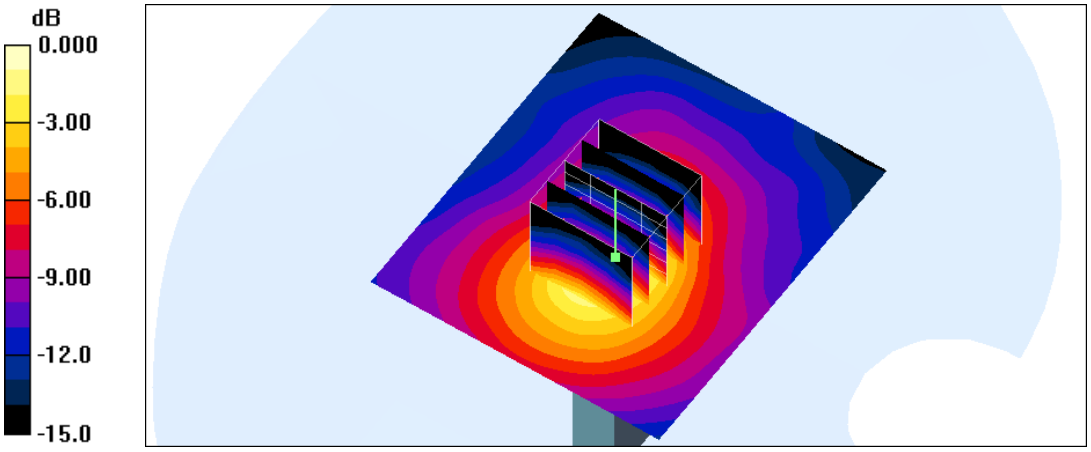
- Probe: ET3DV6 - SN1531; ConvF(4.09, 4.09, 4.09); Calibrated: 1/22/2007
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 10/16/2006
- Phantom: SAM 12; Type: SAM v4.0; Serial: TP:1009
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Flat/Area Scan (61x71x1):

Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.073 mW/g

Flat/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.92 V/m; Power Drift = -0.096 dB
Peak SAR (extrapolated) = 0.133 W/kg
SAR(1 g) = 0.063 mW/g; SAR(10 g) = 0.032 mW/g
Maximum value of SAR (measured) = 0.069 mW/g



0 dB = 0.069mW/g

Test Laboratory: A Test Lab Techno Corp. Date/Time: 10/8/2007 12:43:49 PM

Flat_IEEE 802.11g CH1_54M_Top Close Body _NB DELL-PP20L

DUT: NWD210N; Type: Wireless N USB Adapter; FCC ID:I88NWD210N

Communication System: IEEE 802.11g; Frequency: 2412 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2412 MHz; σ = 1.88 mho/m; ε_r = 52.7; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

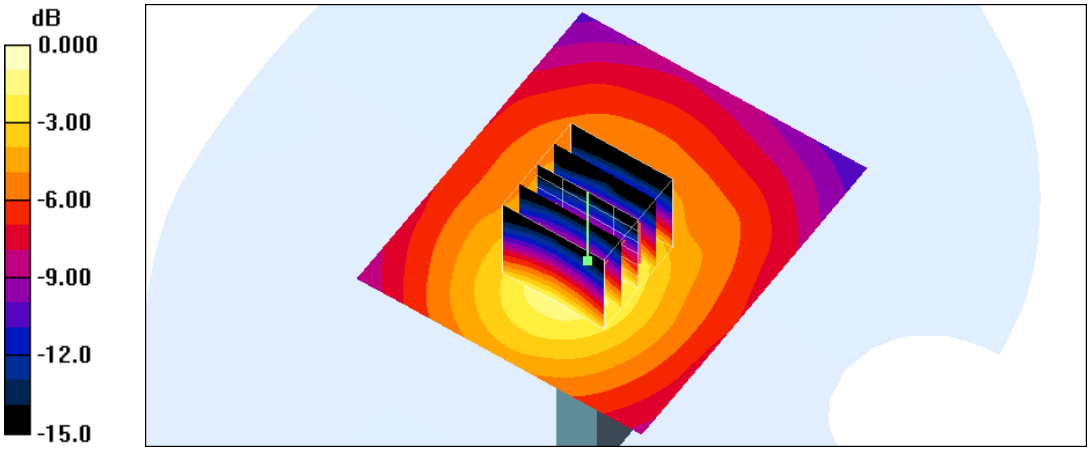
- Probe: ET3DV6 - SN1531; ConvF(4.09, 4.09, 4.09); Calibrated: 1/22/2007
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 10/16/2006
- Phantom: SAM 12; Type: SAM v4.0; Serial: TP:1009
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Flat/Area Scan (61x71x1):

Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.093 mW/g

Flat/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.56 V/m; Power Drift = -0.067 dB
Peak SAR (extrapolated) = 0.185 W/kg
SAR(1 g) = 0.088 mW/g; SAR(10 g) = 0.047 mW/g
Maximum value of SAR (measured) = 0.095 mW/g



0 dB = 0.095mW/g

Test Laboratory: A Test Lab Techno Corp. Date/Time: 10/8/2007 12:57:30 PM

Flat_IEEE 802.11g CH6_54M_Top Close Body _NB DELL-PP20L

DUT: NWD210N; Type: Wireless N USB Adapter; FCC ID:I88NWD210N

Communication System: IEEE 802.11g; Frequency: 2437 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2437 MHz; σ = 1.9 mho/m; ε_r = 52.6; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

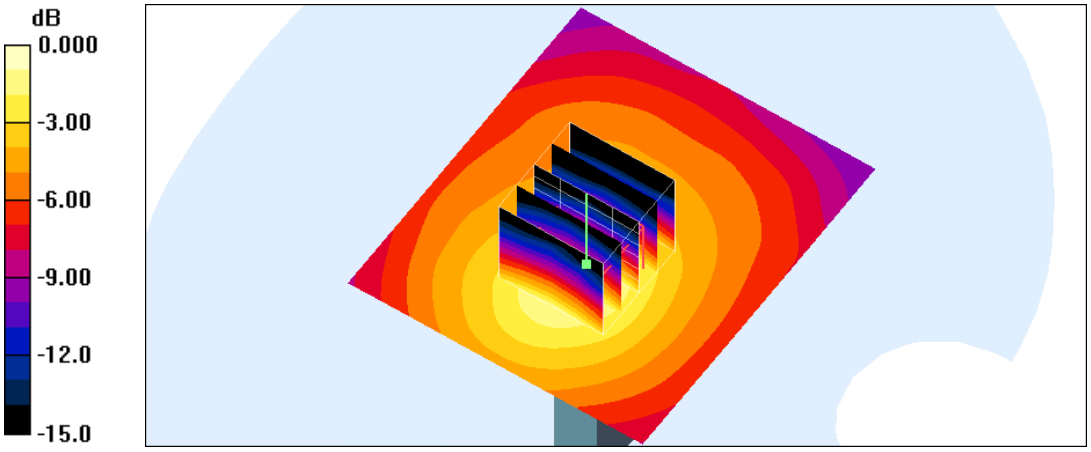
- Probe: ET3DV6 - SN1531; ConvF(4.09, 4.09, 4.09); Calibrated: 1/22/2007
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 10/16/2006
- Phantom: SAM 12; Type: SAM v4.0; Serial: TP:1009
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Flat/Area Scan (61x71x1):

Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.083 mW/g

Flat/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.11 V/m; Power Drift = -0.119 dB
Peak SAR (extrapolated) = 0.169 W/kg
SAR(1 g) = 0.078 mW/g; SAR(10 g) = 0.042 mW/g
Maximum value of SAR (measured) = 0.085 mW/g



0 dB = 0.085mW/g

Test Laboratory: A Test Lab Techno Corp. Date/Time: 10/8/2007 1:13:53 PM

Flat_IEEE 802.11g CH11_54M_Top Close Body _NB DELL-PP20L

DUT: NWD210N; Type: Wireless N USB Adapter; FCC ID:I88NWD210N

Communication System: IEEE 802.11g; Frequency: 2462 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2462 MHz; σ = 1.94 mho/m; ε_r = 52.5; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

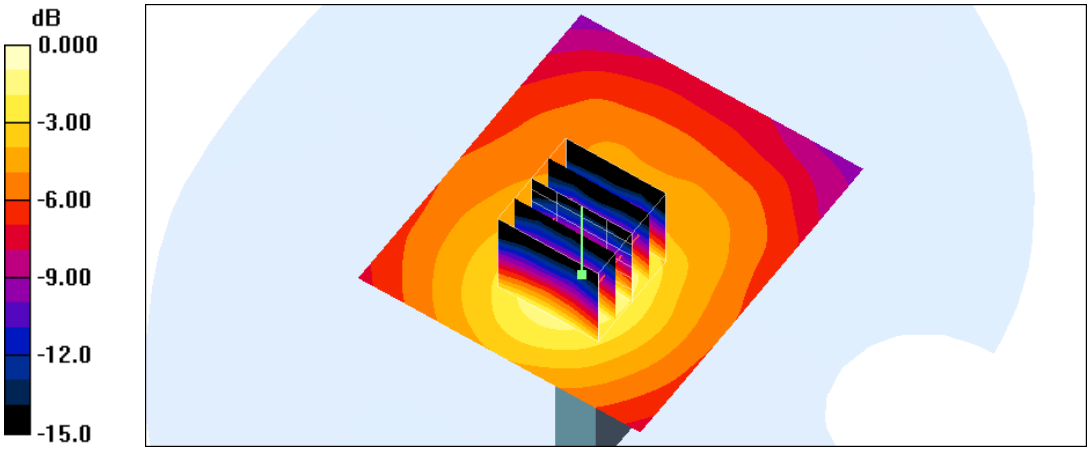
- Probe: ET3DV6 - SN1531; ConvF(4.09, 4.09, 4.09); Calibrated: 1/22/2007
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 10/16/2006
- Phantom: SAM 12; Type: SAM v4.0; Serial: TP:1009
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Flat/Area Scan (61x71x1):

Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.069 mW/g

Flat/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.24 V/m; Power Drift = -0.071 dB
Peak SAR (extrapolated) = 0.133 W/kg
SAR(1 g) = 0.065 mW/g; SAR(10 g) = 0.035 mW/g
Maximum value of SAR (measured) = 0.070 mW/g



0 dB = 0.070mW/g

Test Laboratory: A Test Lab Techno Corp. Date/Time: 10/1/2007 11:07:58 PM

Flat_IEEE 802.11n CH1_20M mode_Dual TX 13M_Top Close Body _NB DELL-PP19L

DUT: NWD210N; Type: Wireless N USB Adapter; FCC ID:I88NWD210N

Communication System: IEEE 802.11n; Frequency: 2412 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2412 MHz; σ = 1.89 mho/m; ε_r = 52.6; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

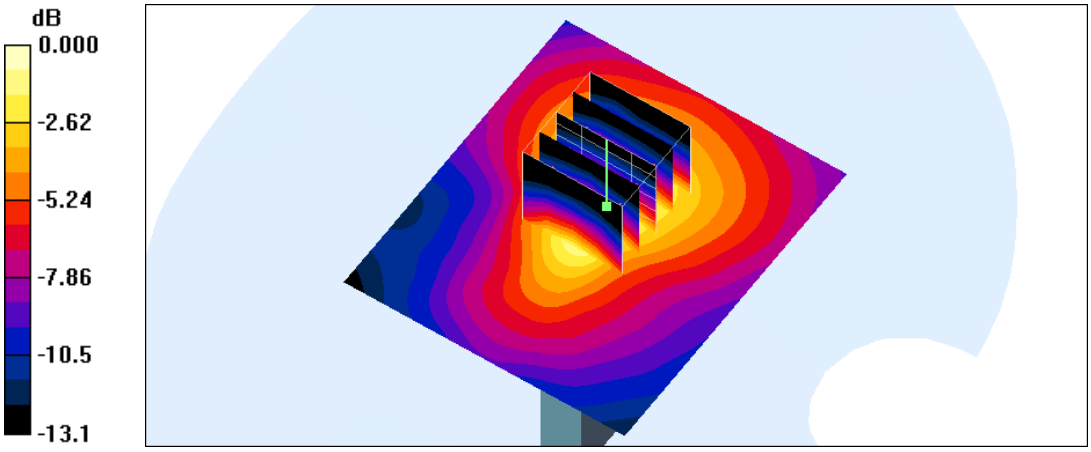
- Probe: ET3DV6 - SN1531; ConvF(4.09, 4.09, 4.09); Calibrated: 1/22/2007
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 10/16/2006
- Phantom: SAM 12; Type: SAM v4.0; Serial: TP:1009
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Flat/Area Scan (61x71x1):

Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.068 mW/g

Flat/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.22 V/m; Power Drift = -0.127 dB
Peak SAR (extrapolated) = 0.136 W/kg
SAR(1 g) = 0.065 mW/g; SAR(10 g) = 0.034 mW/g
Maximum value of SAR (measured) = 0.068 mW/g



0 dB = 0.068mW/g

Test Laboratory: A Test Lab Techno Corp. Date/Time: 10/1/2007 11:25:48 PM

Flat_IEEE 802.11n CH6_20M mode_Dual TX 13M_Top Close Body _NB DELL-PP19L

DUT: NWD210N; Type: Wireless N USB Adapter; FCC ID:I88NWD210N

Communication System: IEEE 802.11n; Frequency: 2437 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2437 MHz; σ = 1.9 mho/m; ε_r = 52.6; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

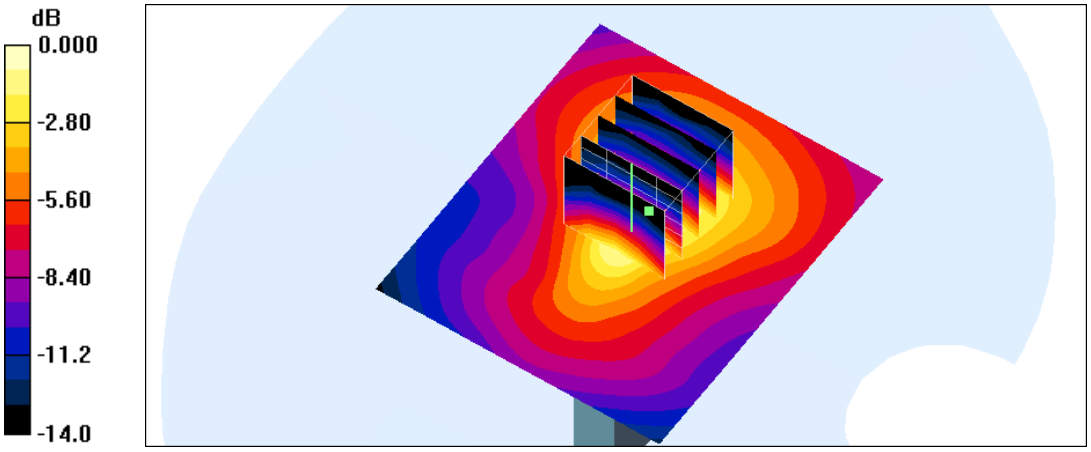
- Probe: ET3DV6 - SN1531; ConvF(4.09, 4.09, 4.09); Calibrated: 1/22/2007
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 10/16/2006
- Phantom: SAM 12; Type: SAM v4.0; Serial: TP:1009
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Flat/Area Scan (61x71x1):

Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.065 mW/g

Flat/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.93 V/m; Power Drift = -0.056 dB
Peak SAR (extrapolated) = 0.122 W/kg
SAR(1 g) = 0.058 mW/g; SAR(10 g) = 0.031 mW/g
Maximum value of SAR (measured) = 0.062 mW/g



0 dB = 0.062mW/g

Test Laboratory: A Test Lab Techno Corp. Date/Time: 10/1/2007 11:43:03 PM

Flat_IEEE 802.11n CH11_20M mode_Dual TX 13M_Top Close Body _NB DELL-PP19L

DUT: NWD210N; Type: Wireless N USB Adapter; FCC ID:I88NWD210N

Communication System: IEEE 802.11n; Frequency: 2462 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2462 MHz; σ = 1.92 mho/m; ε_r = 52.5; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

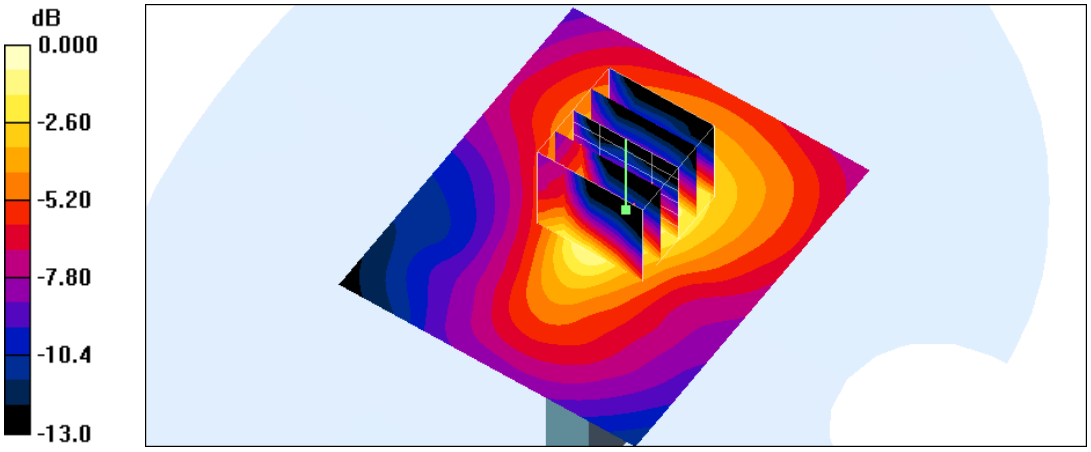
- Probe: ET3DV6 - SN1531; ConvF(4.09, 4.09, 4.09); Calibrated: 1/22/2007
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 10/16/2006
- Phantom: SAM 12; Type: SAM v4.0; Serial: TP:1009
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Flat/Area Scan (61x71x1):

Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.059 mW/g

Flat/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.96 V/m; Power Drift = -0.054 dB
Peak SAR (extrapolated) = 0.111 W/kg
SAR(1 g) = 0.054 mW/g; SAR(10 g) = 0.030 mW/g
Maximum value of SAR (measured) = 0.055 mW/g



0 dB = 0.055mW/g

Test Laboratory: A Test Lab Techno Corp. Date/Time: 10/3/2007 3:12:15 AM

Flat_IEEE 802.11n CH1_20M mode_Dual TX 13M_Top Close Body _NB ASUS-A3000

DUT: NWD210N; Type: Wireless N USB Adapter; FCC ID:I88NWD210N

Communication System: IEEE 802.11n; Frequency: 2412 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2412 MHz; σ = 1.89 mho/m; ε_r = 52.6; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

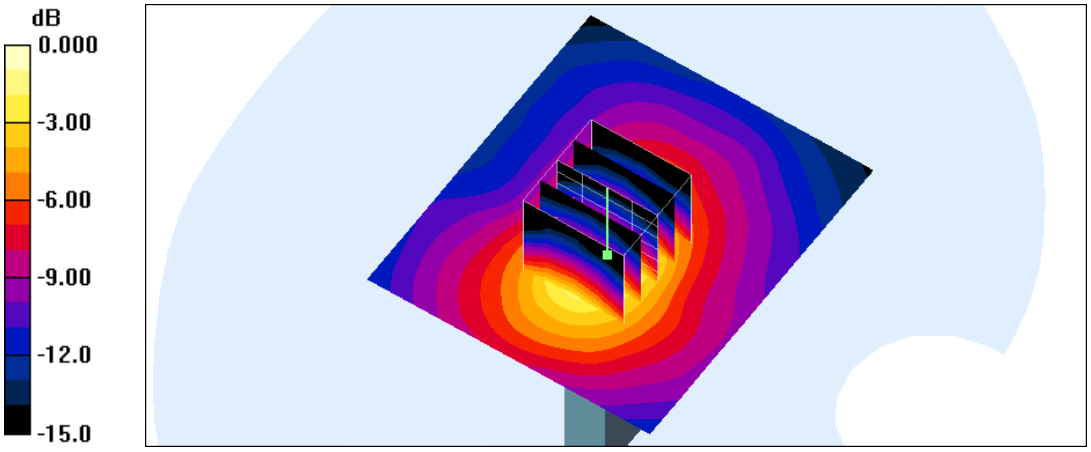
- Probe: ET3DV6 - SN1531; ConvF(4.09, 4.09, 4.09); Calibrated: 1/22/2007
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 10/16/2006
- Phantom: SAM 12; Type: SAM v4.0; Serial: TP:1009
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Flat/Area Scan (61x71x1):

Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.084 mW/g

Flat/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.79 V/m; Power Drift = -0.108 dB
Peak SAR (extrapolated) = 0.157 W/kg
SAR(1 g) = 0.073 mW/g; SAR(10 g) = 0.037 mW/g
Maximum value of SAR (measured) = 0.080 mW/g



0 dB = 0.080mW/g

Test Laboratory: A Test Lab Techno Corp. Date/Time: 10/3/2007 3:25:32 AM

Flat_IEEE 802.11n CH6_20M mode_Dual TX 13M_Top Close Body _NB ASUS-A3000

DUT: NWD210N; Type: Wireless N USB Adapter; FCC ID:I88NWD210N

Communication System: IEEE 802.11n; Frequency: 2437 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2437 MHz; σ = 1.9 mho/m; ε_r = 52.6; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

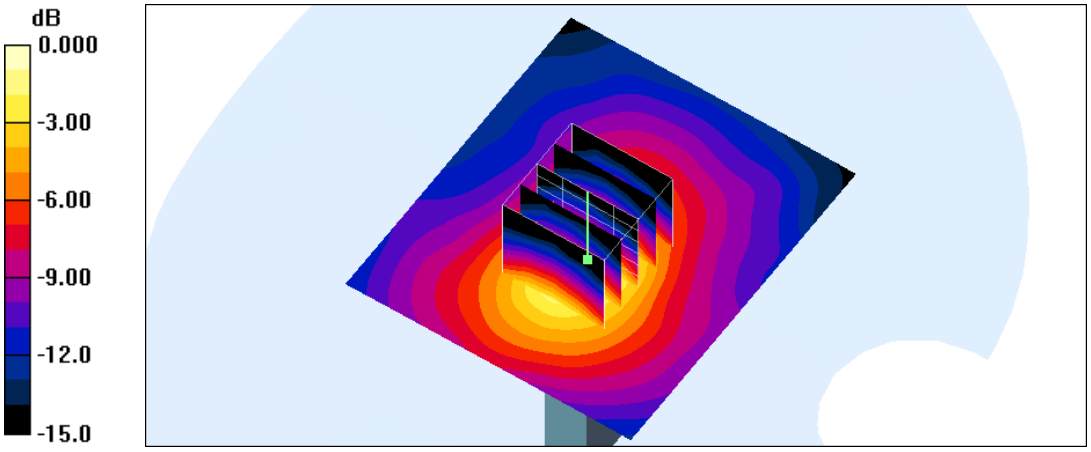
- Probe: ET3DV6 - SN1531; ConvF(4.09, 4.09, 4.09); Calibrated: 1/22/2007
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 10/16/2006
- Phantom: SAM 12; Type: SAM v4.0; Serial: TP:1009
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Flat/Area Scan (61x71x1):

Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.077 mW/g

Flat/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.33 V/m; Power Drift = -0.045 dB
Peak SAR (extrapolated) = 0.141 W/kg
SAR(1 g) = 0.067 mW/g; SAR(10 g) = 0.034 mW/g
Maximum value of SAR (measured) = 0.074 mW/g



0 dB = 0.074mW/g

Test Laboratory: A Test Lab Techno Corp. Date/Time: 10/3/2007 7:25:43 PM

Flat_IEEE 802.11n CH11_20M mode_Dual TX 13M_Top Close Body _NB ASUS-A3000

DUT: NWD210N; Type: Wireless N USB Adapter; FCC ID:I88NWD210N

Communication System: IEEE 802.11n; Frequency: 2462 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2462 MHz; σ = 1.92 mho/m; ε_r = 52.5; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

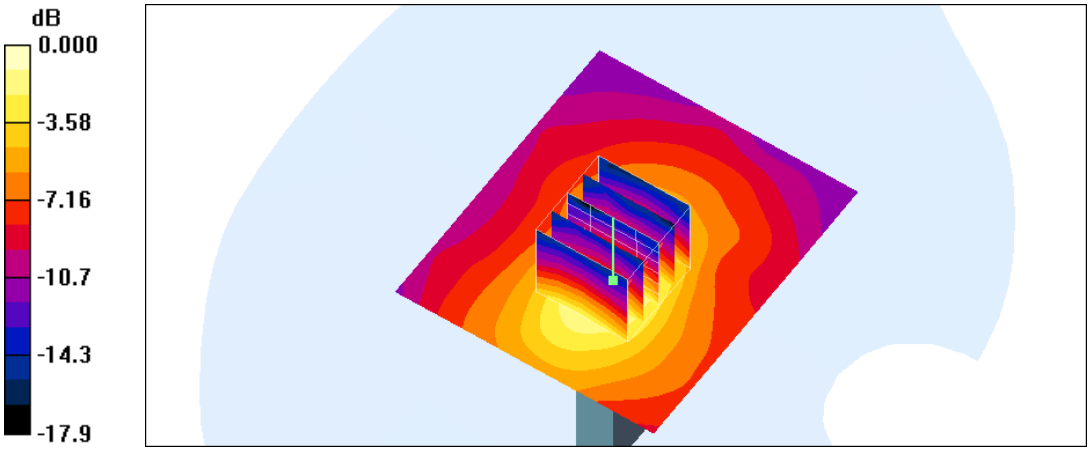
- Probe: ET3DV6 - SN1531; ConvF(4.09, 4.09, 4.09); Calibrated: 1/22/2007
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 10/16/2006
- Phantom: SAM 12; Type: SAM v4.0; Serial: TP:1009
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Flat/Area Scan (61x71x1):

Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.072 mW/g

Flat/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.51 V/m; Power Drift = -0.199 dB
Peak SAR (extrapolated) = 0.146 W/kg
SAR(1 g) = 0.067 mW/g; SAR(10 g) = 0.035 mW/g
Maximum value of SAR (measured) = 0.072 mW/g



0 dB = 0.072mW/g

Test Laboratory: A Test Lab Techno Corp. Date/Time: 10/8/2007 1:43:07 PM

Flat_IEEE 802.11n CH1_20M mode_Dual TX 13M_Top Close Body _NB DELL-PP20L

DUT: NWD210N; Type: Wireless N USB Adapter; FCC ID:I88NWD210N

Communication System: IEEE 802.11n; Frequency: 2412 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2412 MHz; σ = 1.89 mho/m; ε_r = 52.6; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

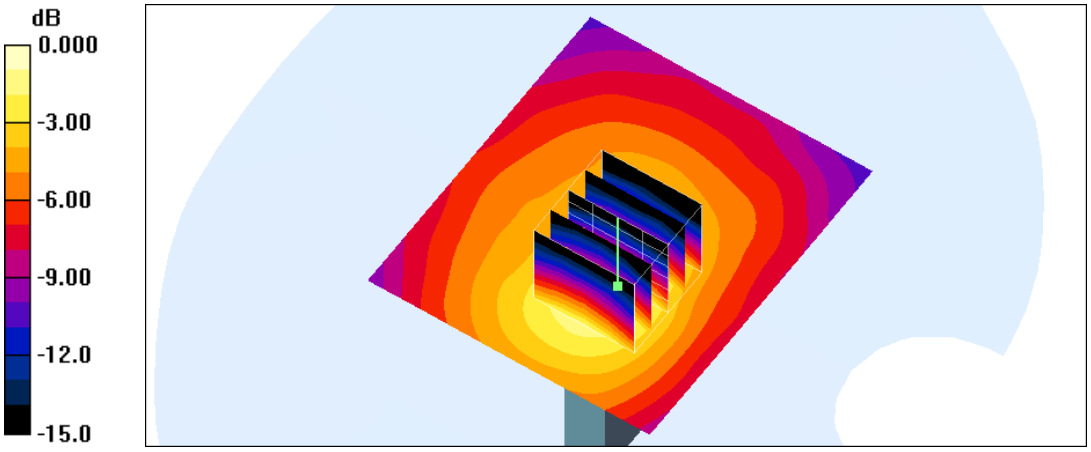
- Probe: ET3DV6 - SN1531; ConvF(4.09, 4.09, 4.09); Calibrated: 1/22/2007
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 10/16/2006
- Phantom: SAM 12; Type: SAM v4.0; Serial: TP:1009
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Flat/Area Scan (61x71x1):

Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.077 mW/g

Flat/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.12 V/m; Power Drift = -0.082 dB
Peak SAR (extrapolated) = 0.156 W/kg
SAR(1 g) = 0.075 mW/g; SAR(10 g) = 0.040 mW/g
Maximum value of SAR (measured) = 0.081 mW/g



0 dB = 0.081mW/g

Test Laboratory: A Test Lab Techno Corp. Date/Time: 10/8/2007 1:58:53 PM

Flat_IEEE 802.11n CH6_20M mode_Dual TX 13M_Top Close Body _NB DELL-PP20L

DUT: NWD210N; Type: Wireless N USB Adapter; FCC ID:I88NWD210N

Communication System: IEEE 802.11n; Frequency: 2437 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2437 MHz; σ = 1.9 mho/m; ε_r = 52.6; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

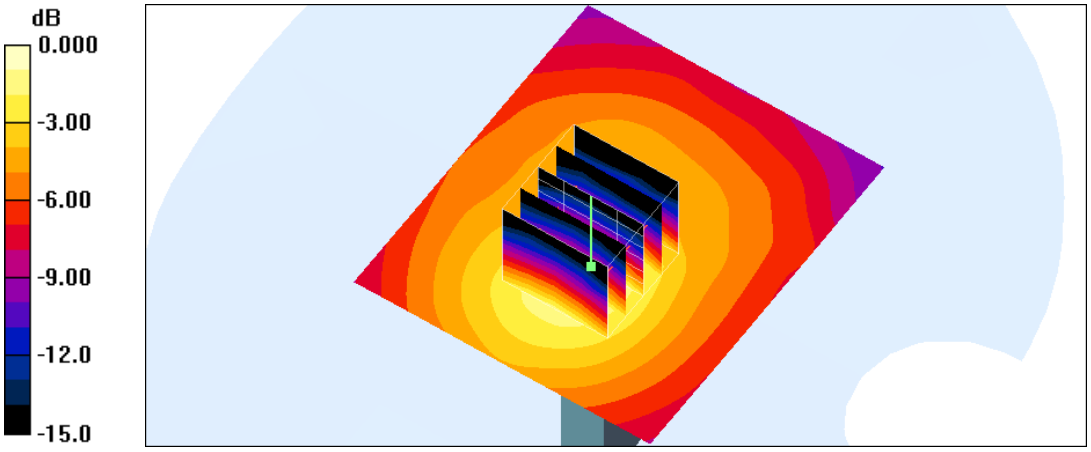
- Probe: ET3DV6 - SN1531; ConvF(4.09, 4.09, 4.09); Calibrated: 1/22/2007
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 10/16/2006
- Phantom: SAM 12; Type: SAM v4.0; Serial: TP:1009
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Flat/Area Scan (61x71x1):

Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.069 mW/g

Flat/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.64 V/m; Power Drift = -0.067 dB
Peak SAR (extrapolated) = 0.138 W/kg
SAR(1 g) = 0.065 mW/g; SAR(10 g) = 0.035 mW/g
Maximum value of SAR (measured) = 0.071 mW/g



0 dB = 0.071mW/g

Test Laboratory: A Test Lab Techno Corp. Date/Time: 10/8/2007 2:27:40 PM

Flat_IEEE 802.11n CH11_20M mode_Dual TX 13M_Top Close Body _NB DELL-PP20L

DUT: NWD210N; Type: Wireless N USB Adapter; FCC ID:I88NWD210N

Communication System: IEEE 802.11n; Frequency: 2462 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2462 MHz; σ = 1.92 mho/m; ε_r = 52.5; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

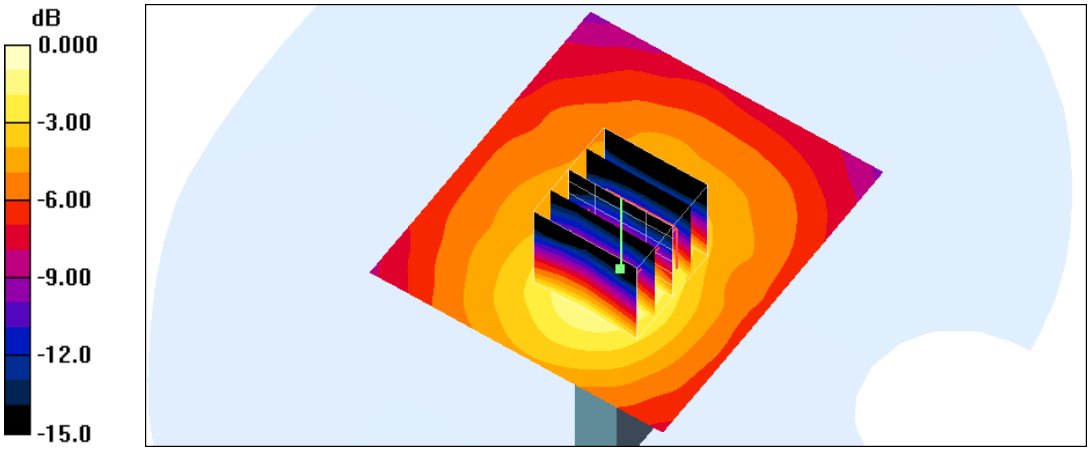
- Probe: ET3DV6 - SN1531; ConvF(4.09, 4.09, 4.09); Calibrated: 1/22/2007
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 10/16/2006
- Phantom: SAM 12; Type: SAM v4.0; Serial: TP:1009
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Flat/Area Scan (91x101x1):

Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.066 mW/g

Flat/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.54 V/m; Power Drift = -0.015 dB
Peak SAR (extrapolated) = 0.125 W/kg
SAR(1 g) = 0.060 mW/g; SAR(10 g) = 0.032 mW/g
Maximum value of SAR (measured) = 0.064 mW/g



0 dB = 0.064mW/g

Test Laboratory: A Test Lab Techno Corp. Date/Time: 10/2/2007 12:01:01 AM

Flat_IEEE 802.11n CH1_20M mode_Dual TX 130M_Top Close Body _NB DELL-PP19L

DUT: NWD210N; Type: Wireless N USB Adapter; FCC ID:I88NWD210N

Communication System: IEEE 802.11n; Frequency: 2412 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2412 MHz; σ = 1.89 mho/m; ε_r = 52.6; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

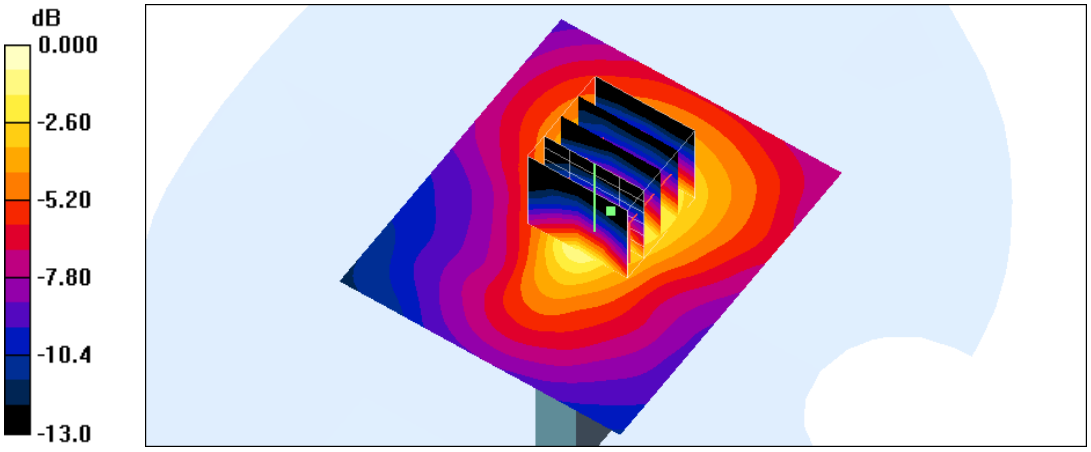
- Probe: ET3DV6 - SN1531; ConvF(4.09, 4.09, 4.09); Calibrated: 1/22/2007
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 10/16/2006
- Phantom: SAM 12; Type: SAM v4.0; Serial: TP:1009
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Flat/Area Scan (61x71x1):

Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.070 mW/g

Flat/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.41 V/m; Power Drift = -0.077 dB
Peak SAR (extrapolated) = 0.140 W/kg
SAR(1 g) = 0.065 mW/g; SAR(10 g) = 0.034 mW/g
Maximum value of SAR (measured) = 0.069 mW/g



0 dB = 0.069mW/g

Test Laboratory: A Test Lab Techno Corp. Date/Time: 10/2/2007 12:17:49 AM

Flat_IEEE 802.11n CH6_20M mode_Dual TX 130M_Top Close Body _NB DELL-PP19L

DUT: NWD210N; Type: Wireless N USB Adapter; FCC ID:I88NWD210N

Communication System: IEEE 802.11n; Frequency: 2437 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2437 MHz; σ = 1.9 mho/m; ε_r = 52.6; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

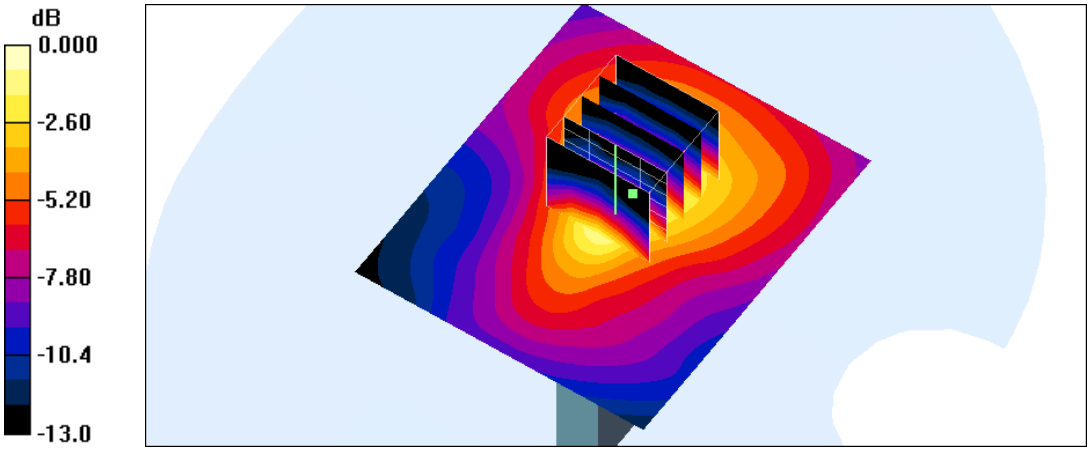
- Probe: ET3DV6 - SN1531; ConvF(4.09, 4.09, 4.09); Calibrated: 1/22/2007
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 10/16/2006
- Phantom: SAM 12; Type: SAM v4.0; Serial: TP:1009
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Flat/Area Scan (61x71x1):

Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.064 mW/g

Flat/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.86 V/m; Power Drift = -0.085 dB
Peak SAR (extrapolated) = 0.124 W/kg
SAR(1 g) = 0.059 mW/g; SAR(10 g) = 0.032 mW/g
Maximum value of SAR (measured) = 0.063 mW/g



0 dB = 0.063mW/g

Test Laboratory: A Test Lab Techno Corp. Date/Time: 10/2/2007 12:33:59 AM

Flat_IEEE 802.11n CH11_20M mode_Dual TX 130M_Top Close Body _NB DELL-PP19L

DUT: NWD210N; Type: Wireless N USB Adapter; FCC ID:I88NWD210N

Communication System: IEEE 802.11n; Frequency: 2462 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2462 MHz; σ = 1.92 mho/m; ε_r = 52.5; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

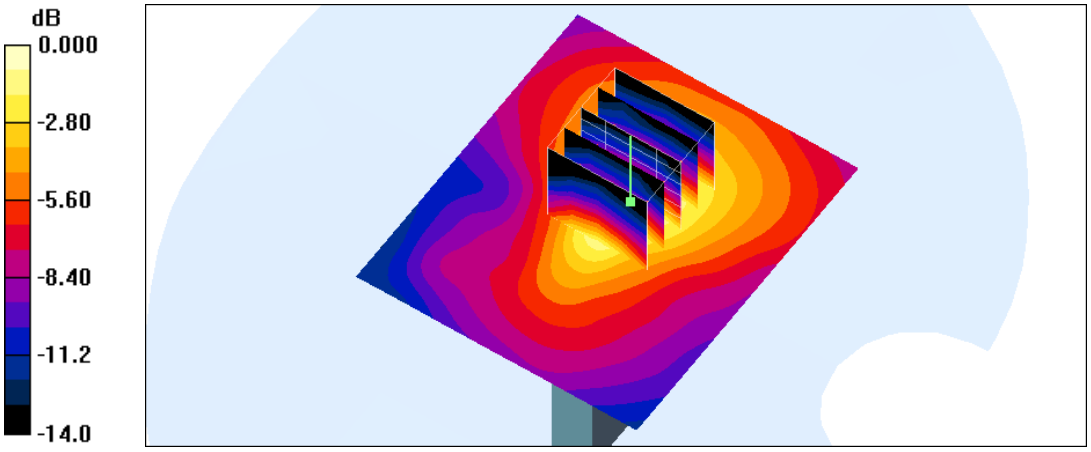
- Probe: ET3DV6 - SN1531; ConvF(4.09, 4.09, 4.09); Calibrated: 1/22/2007
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 10/16/2006
- Phantom: SAM 12; Type: SAM v4.0; Serial: TP:1009
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Flat/Area Scan (61x71x1):

Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.057 mW/g

Flat/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.35 V/m; Power Drift = -0.084 dB
Peak SAR (extrapolated) = 0.106 W/kg
SAR(1 g) = 0.051 mW/g; SAR(10 g) = 0.027 mW/g
Maximum value of SAR (measured) = 0.054 mW/g



0 dB = 0.054mW/g

Test Laboratory: A Test Lab Techno Corp. Date/Time: 10/3/2007 7:56:34 PM

Flat_IEEE 802.11n CH1_20M mode_Dual TX 130M_Top Close Body _NB ASUS-A3000

DUT: NWD210N; Type: Wireless N USB Adapter; FCC ID:I88NWD210N

Communication System: IEEE 802.11n; Frequency: 2412 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2412 MHz; σ = 1.89 mho/m; ε_r = 52.6; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

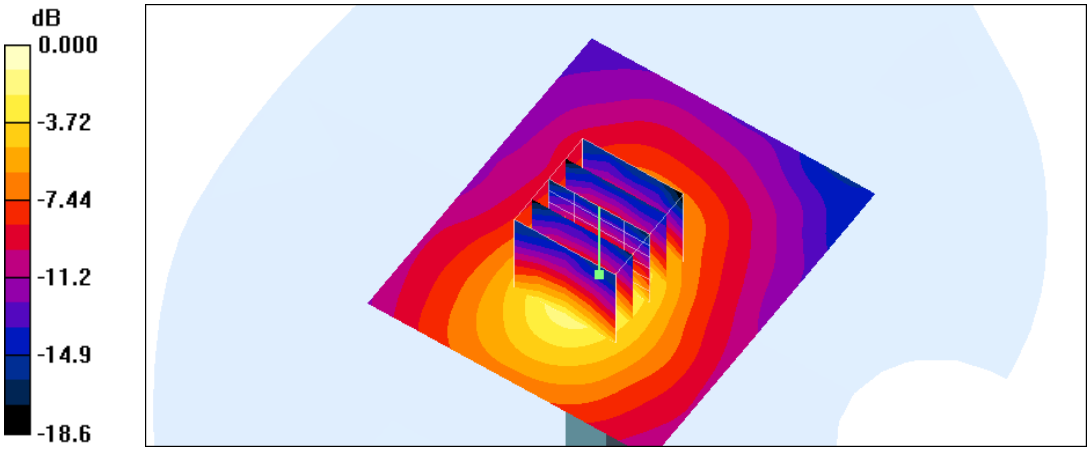
- Probe: ET3DV6 - SN1531; ConvF(4.09, 4.09, 4.09); Calibrated: 1/22/2007
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 10/16/2006
- Phantom: SAM 12; Type: SAM v4.0; Serial: TP:1009
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Flat/Area Scan (61x71x1):

Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.089 mW/g

Flat/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.65 V/m; Power Drift = -0.049 dB
Peak SAR (extrapolated) = 0.168 W/kg
SAR(1 g) = 0.078 mW/g; SAR(10 g) = 0.040 mW/g
Maximum value of SAR (measured) = 0.087 mW/g



0 dB = 0.087mW/g

Test Laboratory: A Test Lab Techno Corp. Date/Time: 10/3/2007 8:20:10 PM

Flat_IEEE 802.11n CH6_20M mode_Dual TX 130M_Top Close Body _NB ASUS-A3000

DUT: NWD210N; Type: Wireless N USB Adapter; FCC ID:I88NWD210N

Communication System: IEEE 802.11n; Frequency: 2437 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2437 MHz; σ = 1.9 mho/m; ε_r = 52.6; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

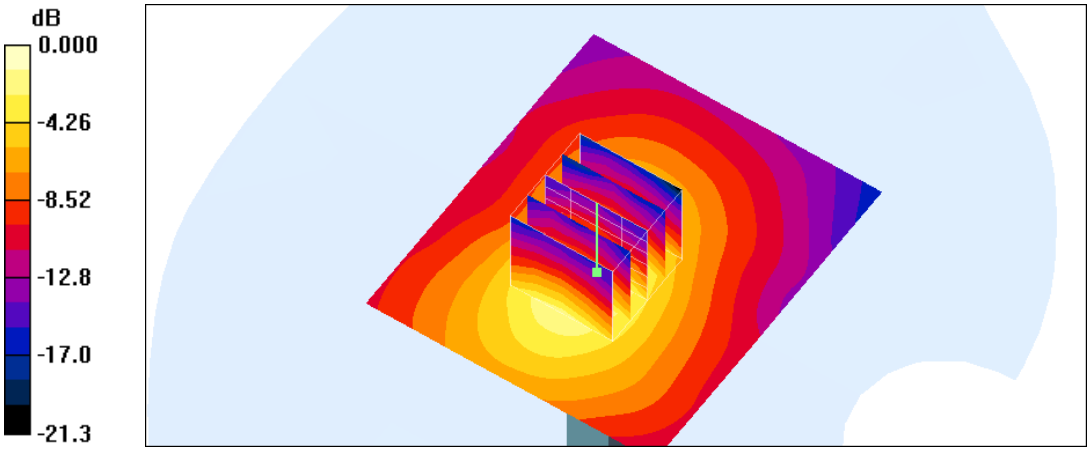
- Probe: ET3DV6 - SN1531; ConvF(4.09, 4.09, 4.09); Calibrated: 1/22/2007
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 10/16/2006
- Phantom: SAM 12; Type: SAM v4.0; Serial: TP:1009
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Flat/Area Scan (61x71x1):

Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.078 mW/g

Flat/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.32 V/m; Power Drift = -0.088 dB
Peak SAR (extrapolated) = 0.147 W/kg
SAR(1 g) = 0.068 mW/g; SAR(10 g) = 0.035 mW/g
Maximum value of SAR (measured) = 0.074 mW/g



0 dB = 0.074mW/g

Test Laboratory: A Test Lab Techno Corp. Date/Time: 10/3/2007 8:34:48 PM

Flat_IEEE 802.11n CH11_20M mode_Dual TX 130M_Top Close Body _NB ASUS-A3000

DUT: NWD210N; Type: Wireless N USB Adapter; FCC ID:I88NWD210N

Communication System: IEEE 802.11n; Frequency: 2462 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2462 MHz; σ = 1.92 mho/m; ε_r = 52.5; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

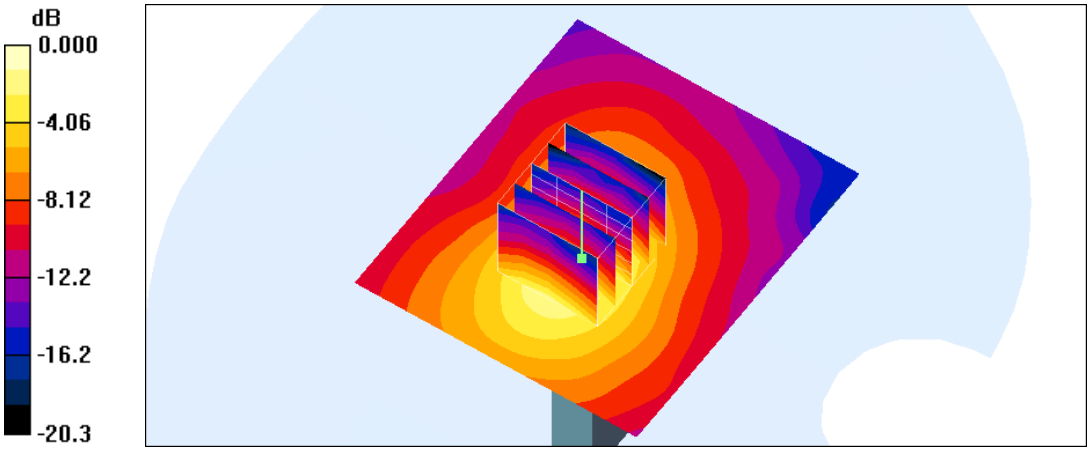
- Probe: ET3DV6 - SN1531; ConvF(4.09, 4.09, 4.09); Calibrated: 1/22/2007
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 10/16/2006
- Phantom: SAM 12; Type: SAM v4.0; Serial: TP:1009
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Flat/Area Scan (61x71x1):

Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.067 mW/g

Flat/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.59 V/m; Power Drift = -0.185 dB
Peak SAR (extrapolated) = 0.128 W/kg
SAR(1 g) = 0.059 mW/g; SAR(10 g) = 0.031 mW/g
Maximum value of SAR (measured) = 0.066 mW/g



0 dB = 0.066mW/g

Test Laboratory: A Test Lab Techno Corp. Date/Time: 10/8/2007 3:01:09 PM

Flat_IEEE 802.11n CH1_20M mode_Dual TX 130M_Top Close Body _NB DELL-PP20L

DUT: NWD210N; Type: Wireless N USB Adapter; FCC ID:I88NWD210N

Communication System: IEEE 802.11n; Frequency: 2412 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2412 MHz; σ = 1.89 mho/m; ε_r = 52.6; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

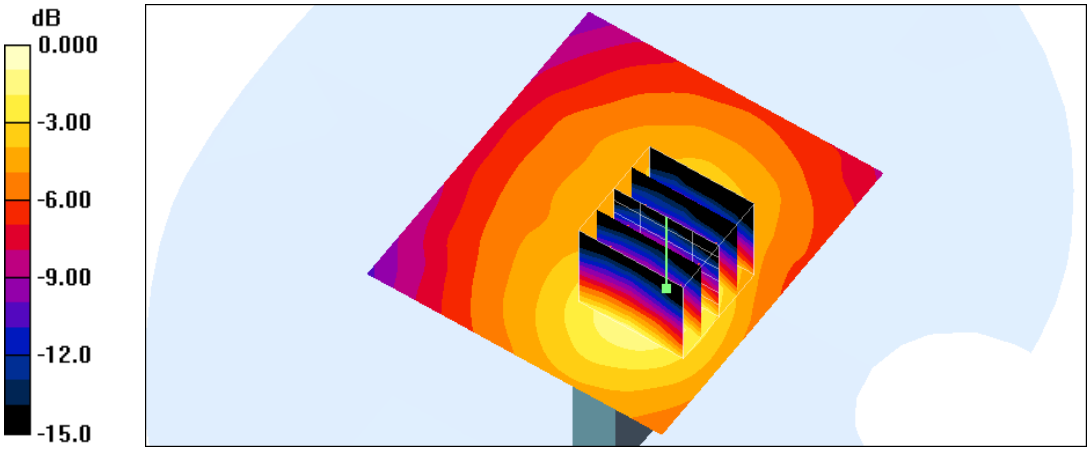
- Probe: ET3DV6 - SN1531; ConvF(4.09, 4.09, 4.09); Calibrated: 1/22/2007
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 10/16/2006
- Phantom: SAM 12; Type: SAM v4.0; Serial: TP:1009
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Flat/Area Scan (91x101x1):

Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.068 mW/g

Flat/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 3.89 V/m; Power Drift = -0.059 dB
Peak SAR (extrapolated) = 0.126 W/kg
SAR(1 g) = 0.060 mW/g; SAR(10 g) = 0.033 mW/g
Maximum value of SAR (measured) = 0.065 mW/g



0 dB = 0.065mW/g

Test Laboratory: A Test Lab Techno Corp.Date/Time: 10/8/2007 3:21:44 PM

Flat_IEEE 802.11n CH6_20M mode_Dual TX 130M_Top Close Body _NB DELL-PP20L

DUT: NWD210N; Type: Wireless N USB Adapter; FCC ID:I88NWD210N

Communication System: IEEE 802.11n; Frequency: 2437 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2437 MHz; σ = 1.9 mho/m; ε_r = 52.6; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

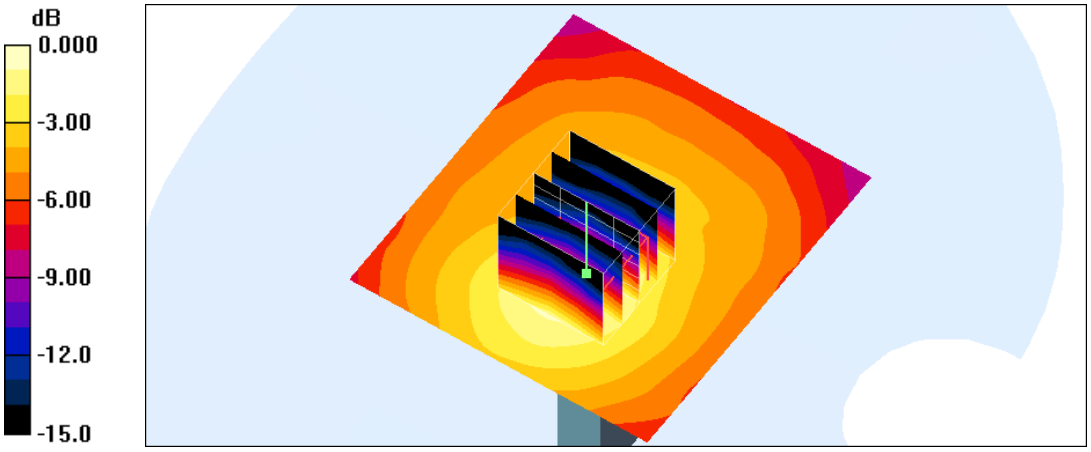
- Probe: ET3DV6 - SN1531; ConvF(4.09, 4.09, 4.09); Calibrated: 1/22/2007
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 10/16/2006
- Phantom: SAM 12; Type: SAM v4.0; Serial: TP:1009
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Flat/Area Scan (91x101x1):

Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.062 mW/g

Flat/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.96 V/m; Power Drift = -0.035 dB
Peak SAR (extrapolated) = 0.116 W/kg
SAR(1 g) = 0.056 mW/g; SAR(10 g) = 0.030 mW/g
Maximum value of SAR (measured) = 0.060 mW/g



0 dB = 0.060mW/g

Test Laboratory: A Test Lab Techno Corp. Date/Time: 10/8/2007 3:43:53 PM

Flat_IEEE 802.11n CH11_20M mode_Dual TX 130M_Top Close Body _NB DELL-PP20L

DUT: NWD210N; Type: Wireless N USB Adapter; FCC ID:I88NWD210N

Communication System: IEEE 802.11n; Frequency: 2462 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2462 MHz; σ = 1.92 mho/m; ε_r = 52.5; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

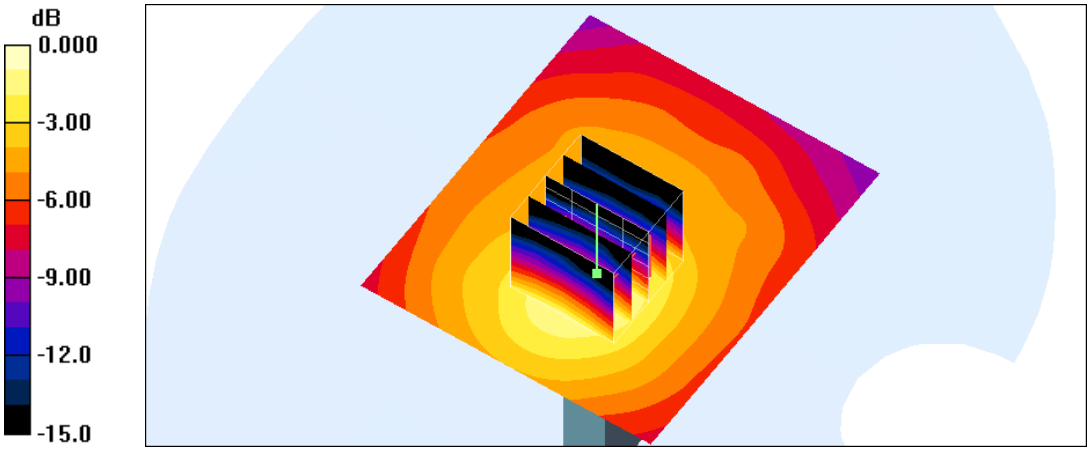
- Probe: ET3DV6 - SN1531; ConvF(4.09, 4.09, 4.09); Calibrated: 1/22/2007
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 10/16/2006
- Phantom: SAM 12; Type: SAM v4.0; Serial: TP:1009
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Flat/Area Scan (61x71x1):

Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.062 mW/g

Flat/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.18 V/m; Power Drift = -0.140 dB
Peak SAR (extrapolated) = 0.124 W/kg
SAR(1 g) = 0.059 mW/g; SAR(10 g) = 0.032 mW/g
Maximum value of SAR (measured) = 0.064 mW/g



0 dB = 0.064mW/g

Test Laboratory: A Test Lab Techno Corp. Date/Time: 10/2/2007 1:13:59 AM

Flat_IEEE 802.11n CH3_40M mode_Dual TX 26M_Top Close Body _NB DELL-PP19L

DUT: NWD210N; Type: Wireless N USB Adapter; FCC ID:I88NWD210N

Communication System: IEEE 802.11n; Frequency: 2422 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2422 MHz; σ = 1.89 mho/m; ε_r = 52.6; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

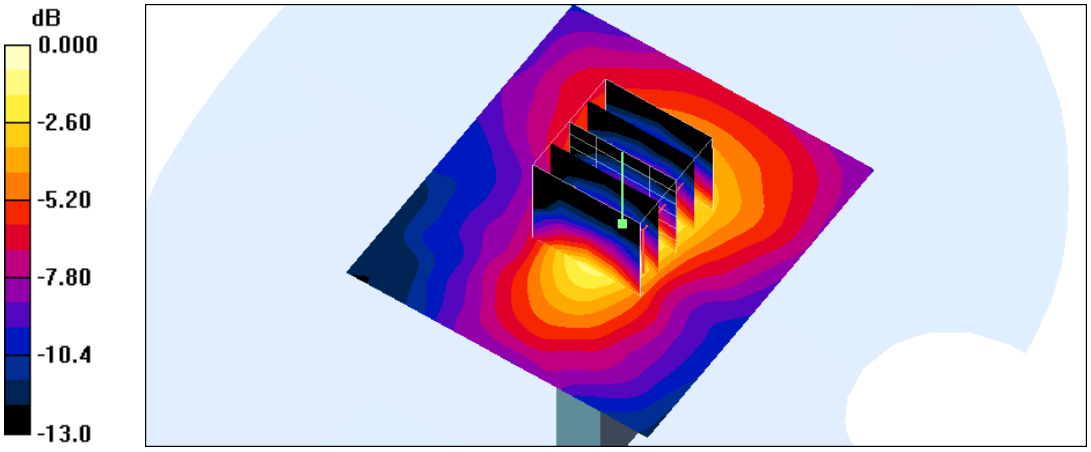
- Probe: ET3DV6 - SN1531; ConvF(4.09, 4.09, 4.09); Calibrated: 1/22/2007
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 10/16/2006
- Phantom: SAM 12; Type: SAM v4.0; Serial: TP:1009
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Flat/Area Scan (91x101x1):

Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.050 mW/g

Flat/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.38 V/m; Power Drift = -0.073 dB
Peak SAR (extrapolated) = 0.097 W/kg
SAR(1 g) = 0.046 mW/g; SAR(10 g) = 0.024 mW/g
Maximum value of SAR (measured) = 0.050 mW/g



0 dB = 0.050mW/g

Test Laboratory: A Test Lab Techno Corp.Date/Time: 10/2/2007 1:33:00 AM

Flat_IEEE 802.11n CH6_40M mode_Dual TX 26M_Top Close Body _NB DELL-PP19L

DUT: NWD210N; Type: Wireless N USB Adapter; FCC ID:I88NWD210N

Communication System: IEEE 802.11n; Frequency: 2437 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2437 MHz; σ = 1.9 mho/m; ε_r = 52.6; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

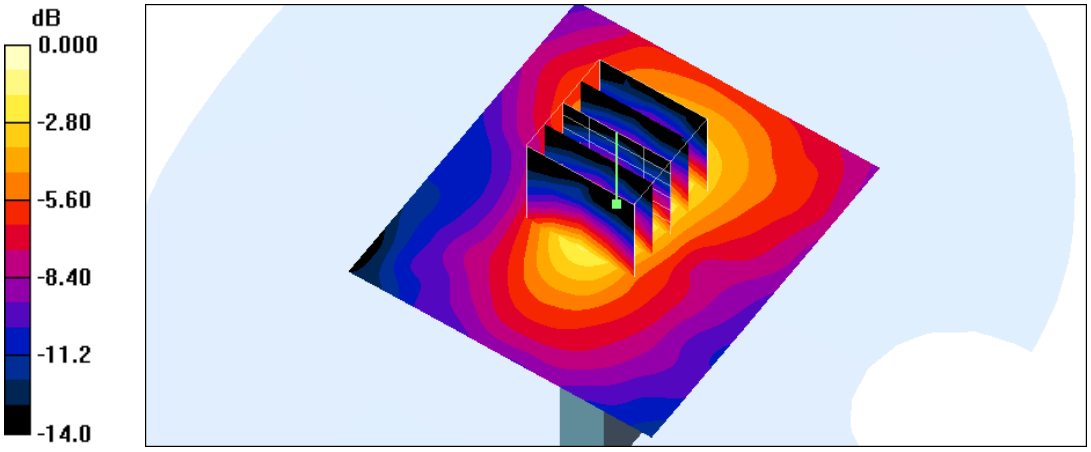
- Probe: ET3DV6 - SN1531; ConvF(4.09, 4.09, 4.09); Calibrated: 1/22/2007
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 10/16/2006
- Phantom: SAM 12; Type: SAM v4.0; Serial: TP:1009
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Flat/Area Scan (91x101x1):

Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.047 mW/g

Flat/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.12 V/m; Power Drift = -0.086 dB
Peak SAR (extrapolated) = 0.087 W/kg
SAR(1 g) = 0.041 mW/g; SAR(10 g) = 0.021 mW/g
Maximum value of SAR (measured) = 0.046 mW/g



0 dB = 0.046mW/g

Test Laboratory: A Test Lab Techno Corp. Date/Time: 10/2/2007 1:52:04 AM

Flat_IEEE 802.11n CH9_40M mode_Dual TX 26M_Top Close Body _NB DELL-PP19L

DUT: NWD210N; Type: Wireless N USB Adapter; FCC ID:I88NWD210N

Communication System: IEEE 802.11n; Frequency: 2452 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2452 MHz; σ = 1.92 mho/m; ε_r = 52.5; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

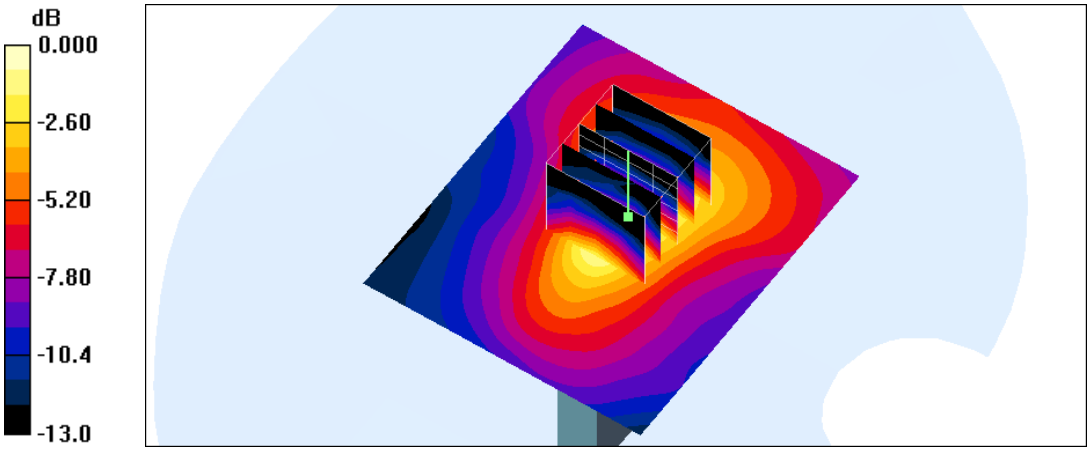
- Probe: ET3DV6 - SN1531; ConvF(4.09, 4.09, 4.09); Calibrated: 1/22/2007
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 10/16/2006
- Phantom: SAM 12; Type: SAM v4.0; Serial: TP:1009
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Flat/Area Scan (61x71x1):

Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.039 mW/g

Flat/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.70 V/m; Power Drift = -0.106 dB
Peak SAR (extrapolated) = 0.074 W/kg
SAR(1 g) = 0.036 mW/g; SAR(10 g) = 0.019 mW/g
Maximum value of SAR (measured) = 0.039 mW/g



0 dB = 0.039mW/g

Test Laboratory: A Test Lab Techno Corp. Date/Time: 10/3/2007 8:51:08 PM

Flat_IEEE 802.11n CH3_40M mode_Dual TX 26M_Top Close Body _NB ASUS-A3000

DUT: NWD210N; Type: Wireless N USB Adapter; FCC ID:I88NWD210N

Communication System: IEEE 802.11n; Frequency: 2422 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2422 MHz; σ = 1.89 mho/m; ε_r = 52.6; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

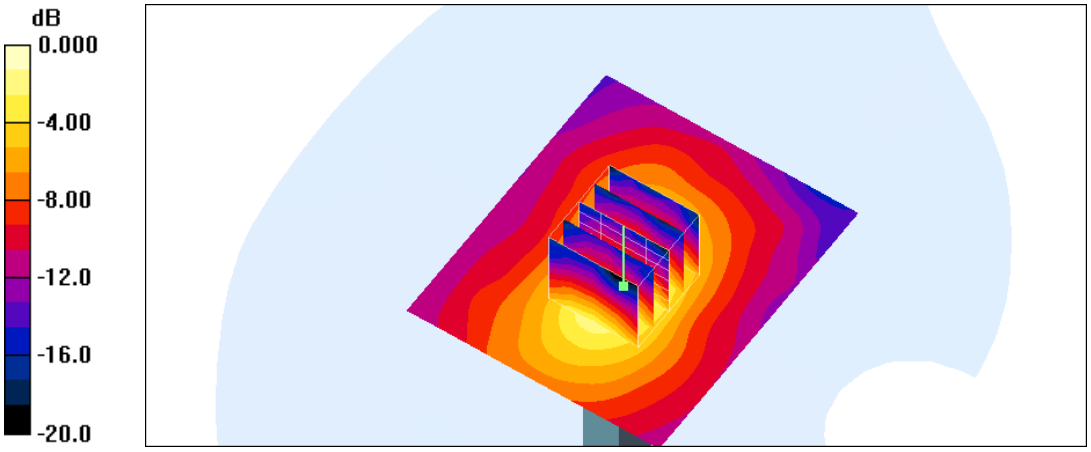
- Probe: ET3DV6 - SN1531; ConvF(4.09, 4.09, 4.09); Calibrated: 1/22/2007
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 10/16/2006
- Phantom: SAM 12; Type: SAM v4.0; Serial: TP:1009
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Flat/Area Scan (61x71x1):

Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.055 mW/g

Flat/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.57 V/m; Power Drift = -0.126 dB
Peak SAR (extrapolated) = 0.105 W/kg
SAR(1 g) = 0.050 mW/g; SAR(10 g) = 0.026 mW/g
Maximum value of SAR (measured) = 0.055 mW/g



0 dB = 0.055mW/g

Test Laboratory: A Test Lab Techno Corp. Date/Time: 10/3/2007 9:10:44 PM

Flat_IEEE 802.11n CH6_40M mode_Dual TX 26M_Top Close Body _NB ASUS-A3000

DUT: NWD210N; Type: Wireless N USB Adapter; FCC ID:I88NWD210N

Communication System: IEEE 802.11n; Frequency: 2437 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2437 MHz; σ = 1.9 mho/m; ε_r = 52.6; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

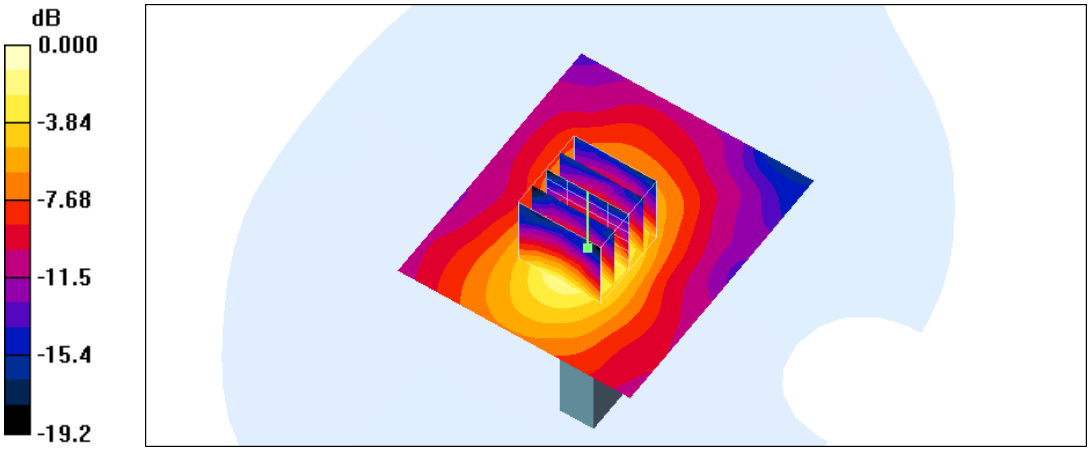
- Probe: ET3DV6 - SN1531; ConvF(4.09, 4.09, 4.09); Calibrated: 1/22/2007
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 10/16/2006
- Phantom: SAM 12; Type: SAM v4.0; Serial: TP:1009
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Flat/Area Scan (61x71x1):

Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.052 mW/g

Flat/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.30 V/m; Power Drift = 0.004 dB
Peak SAR (extrapolated) = 0.095 W/kg
SAR(1 g) = 0.046 mW/g; SAR(10 g) = 0.024 mW/g
Maximum value of SAR (measured) = 0.050 mW/g



0 dB = 0.050mW/g

Test Laboratory: A Test Lab Techno Corp. Date/Time: 10/3/2007 9:49:15 PM

Flat_IEEE 802.11n CH9_40M mode_Dual TX 26M_Top Close Body _NB ASUS-A3000

DUT: NWD210N; Type: Wireless N USB Adapter; FCC ID:I88NWD210N

Communication System: IEEE 802.11n; Frequency: 2452 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2452 MHz; σ = 1.92 mho/m; ε_r = 52.5; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

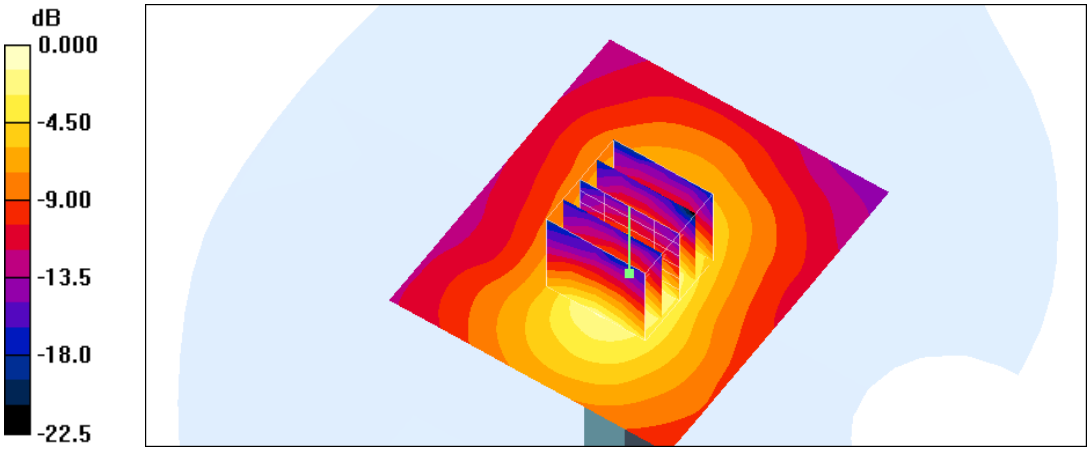
- Probe: ET3DV6 - SN1531; ConvF(4.09, 4.09, 4.09); Calibrated: 1/22/2007
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 10/16/2006
- Phantom: SAM 12; Type: SAM v4.0; Serial: TP:1009
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Flat/Area Scan (61x71x1):

Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.058 mW/g

Flat/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.90 V/m; Power Drift = -0.137 dB
Peak SAR (extrapolated) = 0.105 W/kg
SAR(1 g) = 0.048 mW/g; SAR(10 g) = 0.024 mW/g
Maximum value of SAR (measured) = 0.053 mW/g



0 dB = 0.053mW/g

Test Laboratory: A Test Lab Techno Corp. Date/Time: 10/8/2007 4:03:53 PM

Flat_IEEE 802.11n CH3_40M mode_Dual TX 26M_Top Close Body _NB DELL-PP20L

DUT: NWD210N; Type: Wireless N USB Adapter; FCC ID:I88NWD210N

Communication System: IEEE 802.11n; Frequency: 2422 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2422 MHz; σ = 1.89 mho/m; ε_r = 52.6; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

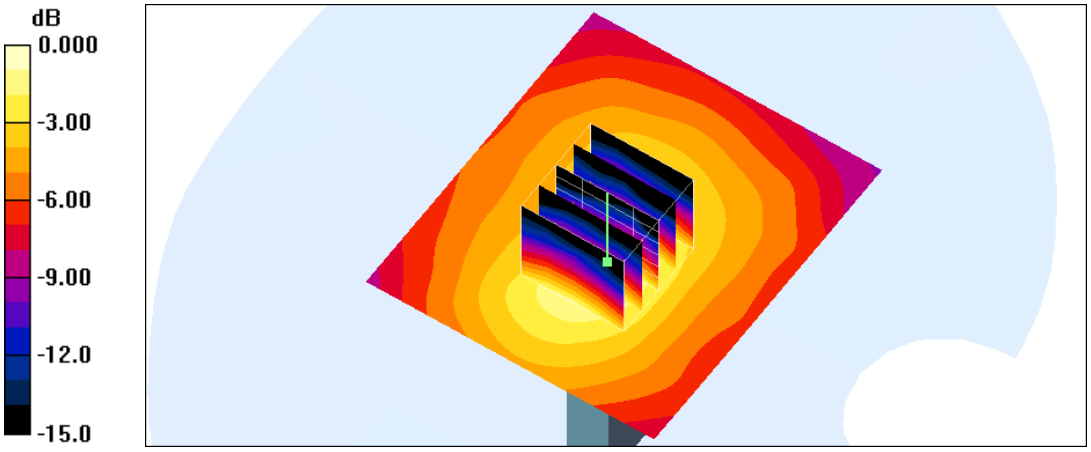
- Probe: ET3DV6 - SN1531; ConvF(4.09, 4.09, 4.09); Calibrated: 1/22/2007
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 10/16/2006
- Phantom: SAM 12; Type: SAM v4.0; Serial: TP:1009
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Flat/Area Scan (61x71x1):

Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.044 mW/g

Flat/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.91 V/m; Power Drift = -0.029 dB
Peak SAR (extrapolated) = 0.086 W/kg
SAR(1 g) = 0.041 mW/g; SAR(10 g) = 0.023 mW/g
Maximum value of SAR (measured) = 0.045 mW/g



0 dB = 0.045mW/g

Test Laboratory: A Test Lab Techno Corp. Date/Time: 10/8/2007 4:18:42 PM

Flat_IEEE 802.11n CH6_40M mode_Dual TX 26M_Top Close Body _NB DELL-PP20L

DUT: NWD210N; Type: Wireless N USB Adapter; FCC ID:I88NWD210N

Communication System: IEEE 802.11n; Frequency: 2437 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2437 MHz; σ = 1.9 mho/m; ε_r = 52.6; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

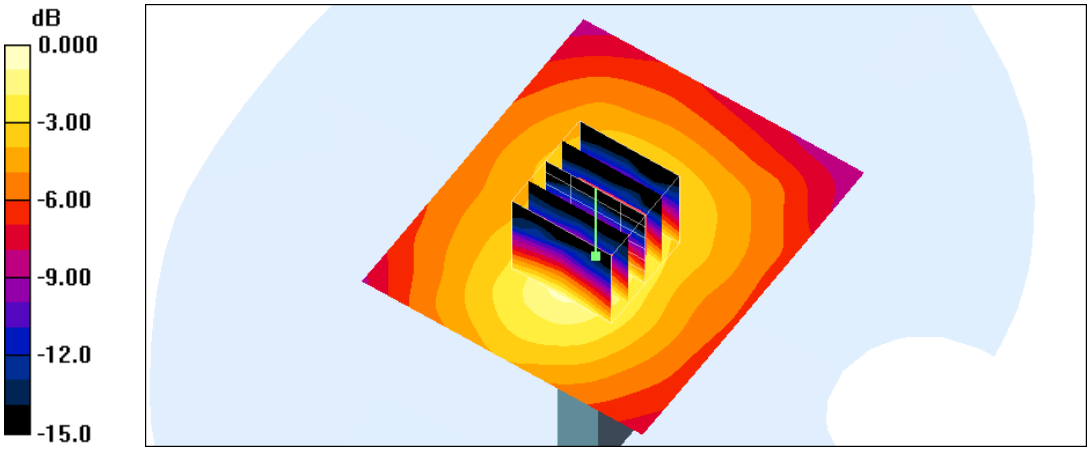
- Probe: ET3DV6 - SN1531; ConvF(4.09, 4.09, 4.09); Calibrated: 1/22/2007
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 10/16/2006
- Phantom: SAM 12; Type: SAM v4.0; Serial: TP:1009
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Flat/Area Scan (61x71x1):

Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.042 mW/g

Flat/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.76 V/m; Power Drift = -0.028 dB
Peak SAR (extrapolated) = 0.082 W/kg
SAR(1 g) = 0.038 mW/g; SAR(10 g) = 0.021 mW/g
Maximum value of SAR (measured) = 0.042 mW/g



0 dB = 0.042mW/g

Test Laboratory: A Test Lab Techno Corp. Date/Time: 10/8/2007 4:32:28 PM

Flat_IEEE 802.11n CH9_40M mode_Dual TX 26M_Top Close Body _NB DELL-PP20L

DUT: NWD210N; Type: Wireless N USB Adapter; FCC ID:I88NWD210N

Communication System: IEEE 802.11n; Frequency: 2452 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2452 MHz; σ = 1.92 mho/m; ε_r = 52.5; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

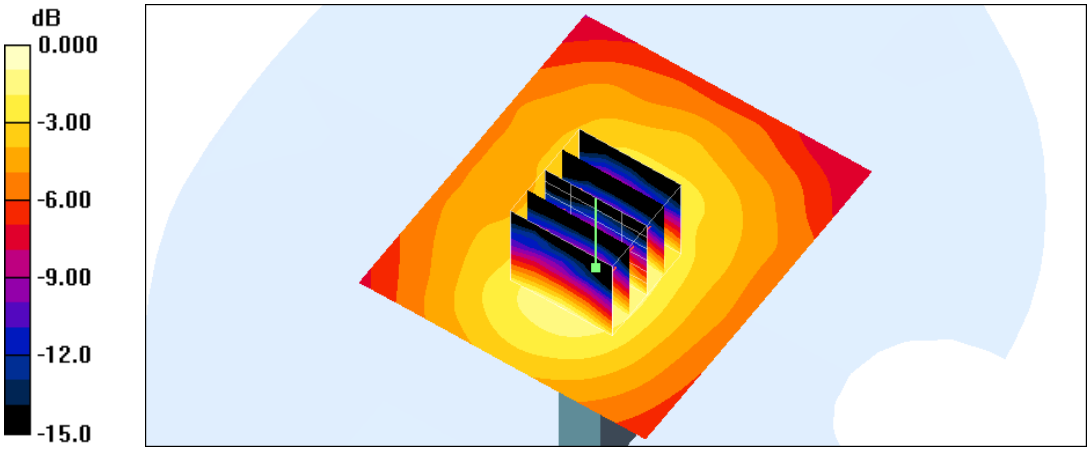
- Probe: ET3DV6 - SN1531; ConvF(4.09, 4.09, 4.09); Calibrated: 1/22/2007
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 10/16/2006
- Phantom: SAM 12; Type: SAM v4.0; Serial: TP:1009
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Flat/Area Scan (61x71x1):

Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.033 mW/g

Flat/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.16 V/m; Power Drift = -0.157 dB
Peak SAR (extrapolated) = 0.065 W/kg
SAR(1 g) = 0.031 mW/g; SAR(10 g) = 0.017 mW/g
Maximum value of SAR (measured) = 0.033 mW/g



0 dB = 0.033mW/g

Test Laboratory: A Test Lab Techno Corp. Date/Time: 1/11/2008 6:28:39 PM

Flat_IEEE 802.11n CH3_40M mode_Dual TX 260M_Top Close Body _NB ASUS-A3000

DUT: NWD210N; Type: Wireless N USB Adapter; FCC ID:I88NWD210N

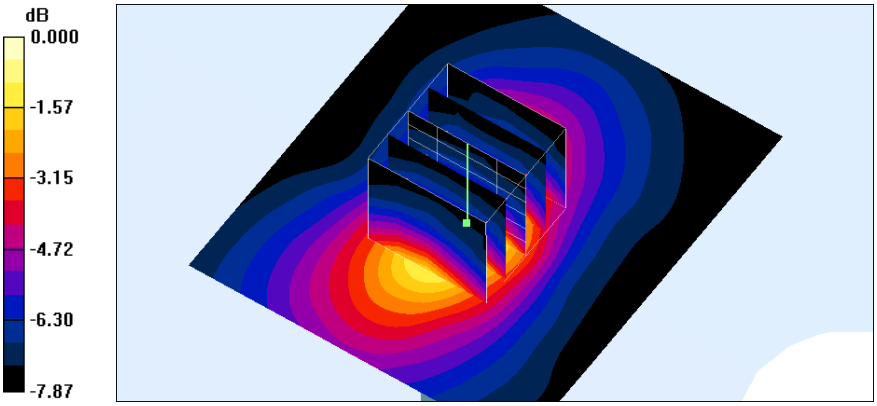
Communication System: IEEE 802.11n; Frequency: 2422 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2422 MHz; σ = 1.93 mho/m; ε_r = 52.6; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ET3DV6 - SN1530; ConvF(3.84, 3.84, 3.84); Calibrated: 9/26/2007
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn393; Calibrated: 8/29/2007
- Phantom: SAM 12; Type: SAM v4.0; Serial: TP:1009
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Flat/Area Scan (61x71x1):
Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.072 mW/g

Flat/Zoom Scan (5x5x7)/Cube 0:
Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.96 V/m; Power Drift = -0.068 dB
Peak SAR (extrapolated) = 0.130 W/kg
SAR(1 g) = 0.061 mW/g; SAR(10 g) = 0.035 mW/g
Maximum value of SAR (measured) = 0.065 mW/g



0 dB = 0.065mW/g

Test Laboratory: A Test Lab Techno Corp. Date/Time: 1/11/2008 6:56:43 PM

Flat_IEEE 802.11n CH6_40M mode_Dual TX 260M_Top Close Body _NB ASUS-A3000

DUT: NWD210N; Type: Wireless N USB Adapter; FCC ID:I88NWD210N

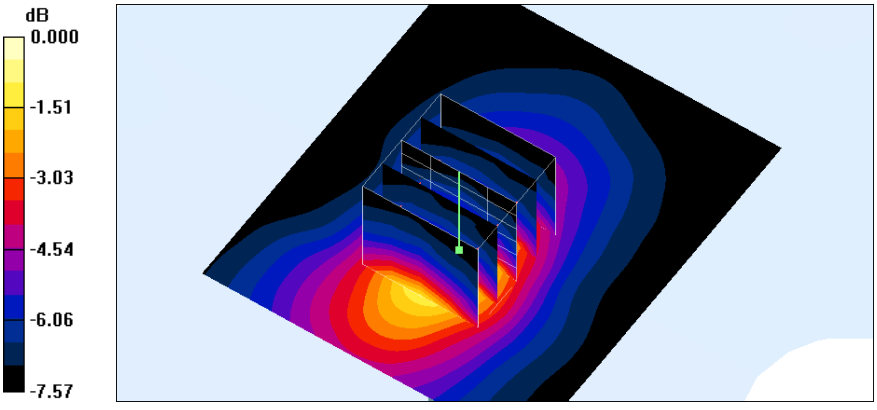
Communication System: IEEE 802.11n; Frequency: 2437 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2437 MHz; σ = 1.95 mho/m; ε_r = 52.4; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ET3DV6 - SN1530; ConvF(3.84, 3.84, 3.84); Calibrated: 9/26/2007
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn393; Calibrated: 8/29/2007
- Phantom: SAM 12; Type: SAM v4.0; Serial: TP:1009
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Flat/Area Scan (61x71x1):
Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.061 mW/g

Flat/Zoom Scan (5x5x7)/Cube 0:
Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.54 V/m; Power Drift = -0.121 dB
Peak SAR (extrapolated) = 0.105 W/kg
SAR(1 g) = 0.055 mW/g; SAR(10 g) = 0.033 mW/g
Maximum value of SAR (measured) = 0.060 mW/g



0 dB = 0.060mW/g

Test Laboratory: A Test Lab Techno Corp.Date/Time: 1/11/2008 7:55:44 PM

Flat_IEEE 802.11n CH9_40M mode_Dual TX 260M_Top Close Body _NB ASUS-A3000

DUT: NWD210N; Type: Wireless N USB Adapter; FCC ID:I88NWD210N

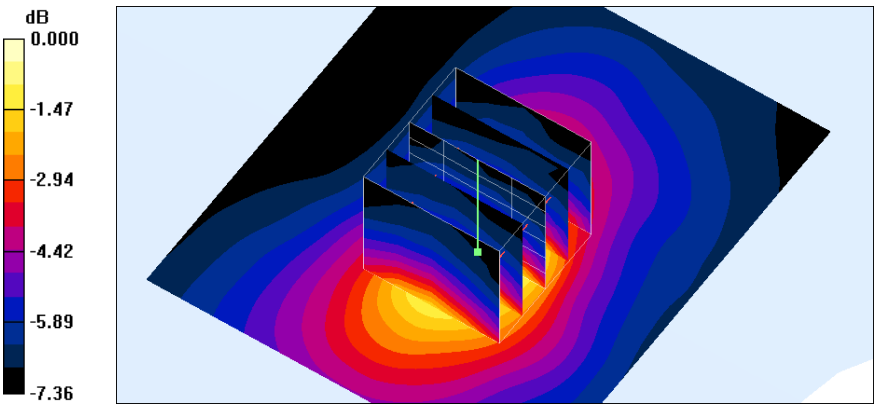
Communication System: IEEE 802.11n; Frequency: 2452 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2452 MHz; σ = 1.97 mho/m; ε_r = 52.4; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ET3DV6 - SN1530; ConvF(3.84, 3.84, 3.84); Calibrated: 9/26/2007
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn393; Calibrated: 8/29/2007
- Phantom: SAM 12; Type: SAM v4.0; Serial: TP:1009
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

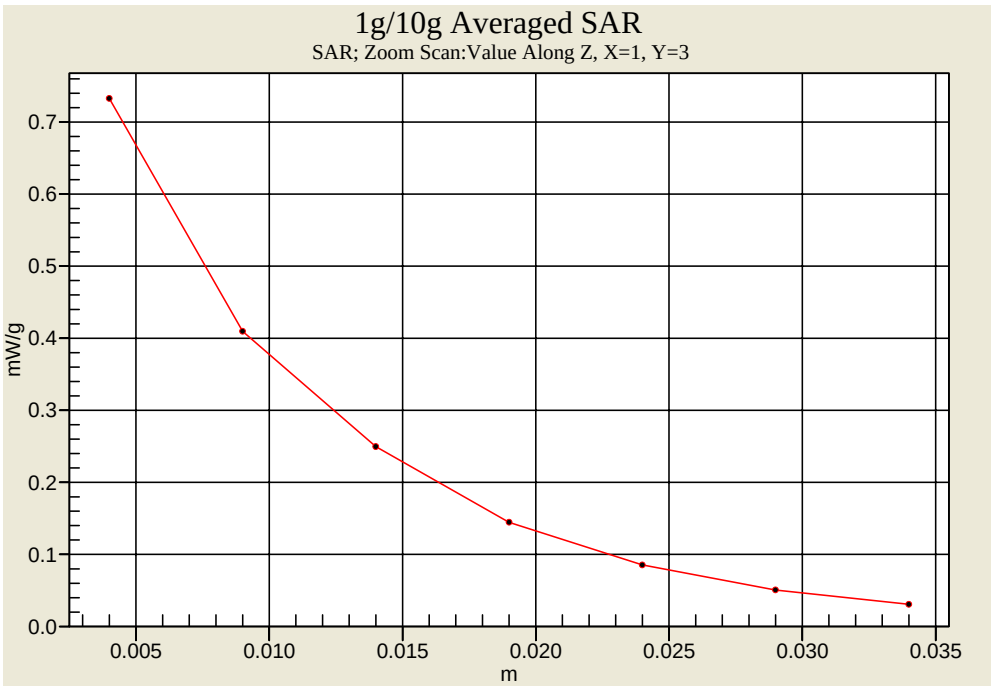
Flat/Area Scan (61x71x1):
Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.062 mW/g

Flat/Zoom Scan (5x5x7)/Cube 0:
Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.03 V/m; Power Drift = 0.003 dB
Peak SAR (extrapolated) = 0.099 W/kg
SAR(1 g) = 0.051 mW/g; SAR(10 g) = 0.030 mW/g
Maximum value of SAR (measured) = 0.054 mW/g



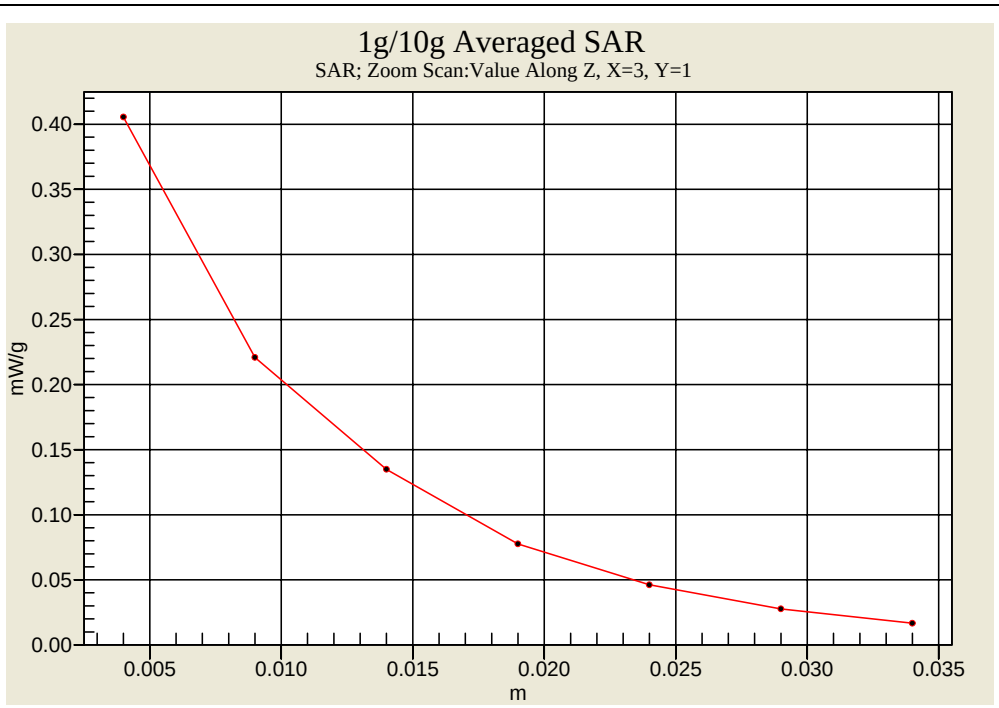
0 dB = 0.054mW/g

Z-axis Plot of SAR Measurement



SAR Measurement _ Flat 802.11b CH6

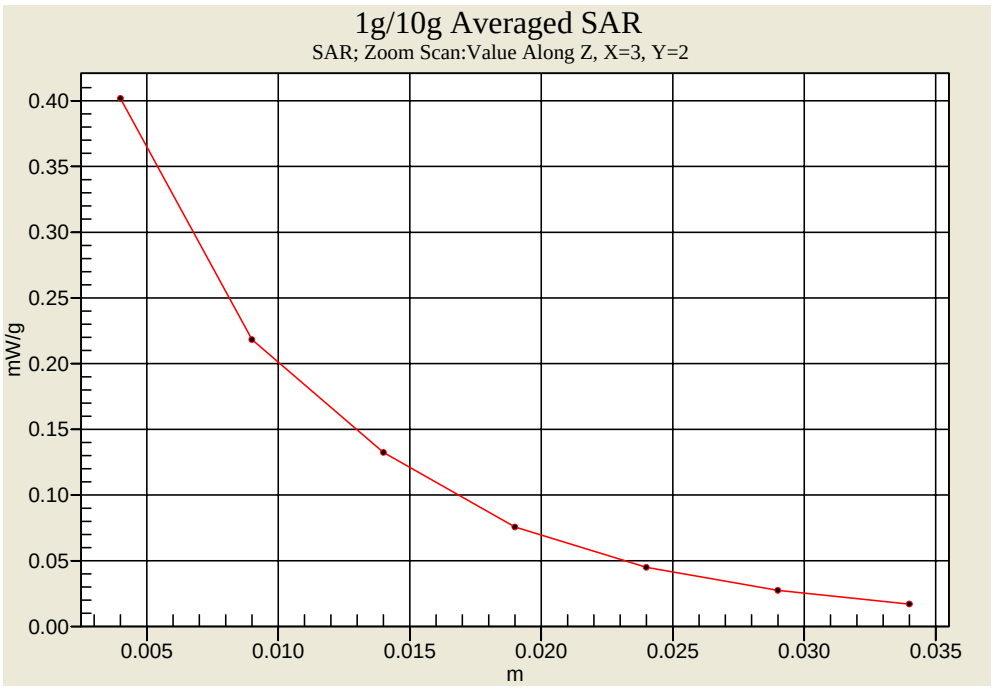
(1MHz Data Rate _ Bottom for NB No.3)



SAR Measurement _ Flat 802.11g CH1

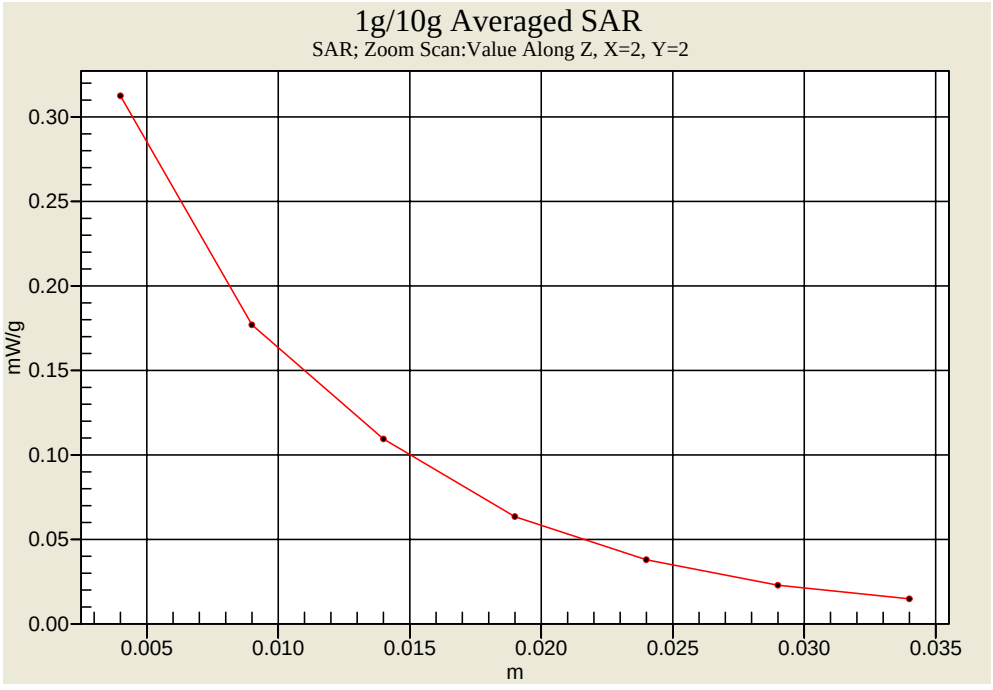
(54MHz Data Rate _ Bottom for NB No.3)

Z-axis Plot of SAR Measurement



SAR Measurement _ Flat Cheek 802.11n CH6

(20MHz Bandwidth / Dual TX 130MHz Data Rate _ Bottom for NB No.3)



SAR Measurement _ Flat Cheek 802.11n CH3

(40MHz Bandwidth / Dual TX 26MHz Data Rate _ Bottom for NB No.3)

Appendix C - Calibration

All of the instruments Calibration information are listed below.

- Dipole _ D2450V2 SN:712 Calibration No.D2450V2-712_Feb07
- Dipole _ D2450V2 SN:735 Calibration No.D2450V2-735_Apr07
- Probe _ ET3DV6 SN:1531 Calibration No.ET3-1531_Jan07
- Probe _ ET3DV6 SN:1530 Calibration No.ET3-1530_Sep07
- DAE _ DAE4 SN:541 Calibration No.DAE4-541_Oct06
- DAE _ DAE3 SN:393 Calibration No.DAE3-393_Aug07