

Plot 1: WLAN 802.11b 2437MHz Front 10mm Body Exposure

Date/Time: 2/23/2011 4:02:47 PM, Date/Time: 2/23/2011 4:14:31 PM

DUT: Trimble Nemo; Type: UMPC; Serial: 5043452638

Communication System: IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 12 Mbps); Frequency: 2436 MHz

Medium parameters used (interpolated): $f = 2436$ MHz; $\sigma = 1.94$ mho/m; $\epsilon_r = 50.2$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: ES3DV3 - SN3244; ConvF(4.24, 4.24, 4.24);
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1233; Calibrated: 10/13/2010
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1092
- Measurement SW: DASY52, V52.2 Build 0;

Flat-Section MSL/Front 10mm/Area Scan (11x11x1): Measurement grid: dx=14mm, dy=14mm

Maximum value of SAR (measured) = 0.094 mW/g

Flat-Section MSL/Front 10mm/Zoom Scan (7x7x7)/Cube 0: Measurement grid:

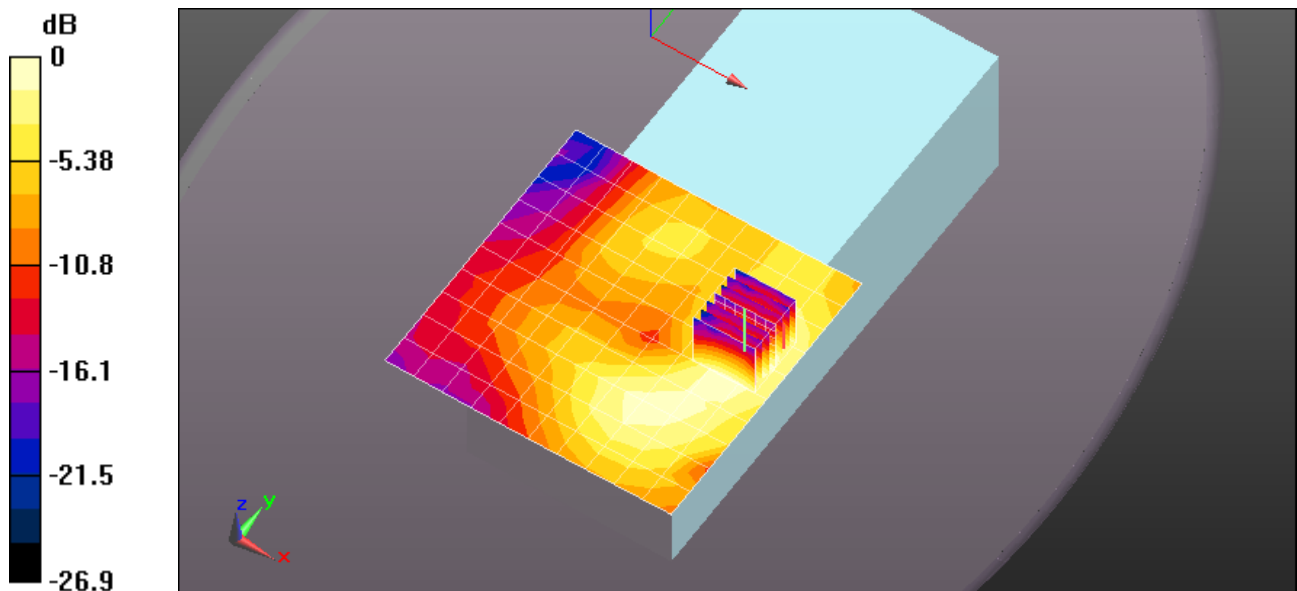
dx=5mm, dy=5mm, dz=5mm

Reference Value = 3.09 V/m; Power Drift = -0.079 dB

Peak SAR (extrapolated) = 0.174 W/kg

SAR(1 g) = 0.094 mW/g; SAR(10 g) = 0.053 mW/g

Maximum value of SAR (measured) = 0.101 mW/g



0 dB = 0.101mW/g

Plot 2: WLAN 802.11b 2437MHz Back 10mm Body Exposure

Date/Time: 2/23/2011 5:18:15 PM, Date/Time: 2/23/2011 5:30:00 PM

DUT: Trimble Nemo; Type: UMPC; Serial: 5043452638

Communication System: IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 12 Mbps); Frequency: 2436 MHz

Medium parameters used (interpolated): $f = 2436$ MHz; $\sigma = 1.94$ mho/m; $\epsilon_r = 50.2$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: ES3DV3 - SN3244; ConvF(4.24, 4.24, 4.24);
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1233; Calibrated: 10/13/2010
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1092
- Measurement SW: DASY52, V52.2 Build 0;

Flat-Section MSL/Back 10mm/Area Scan (11x11x1): Measurement grid: $dx=14$ mm, $dy=14$ mm

Maximum value of SAR (measured) = 0.017 mW/g

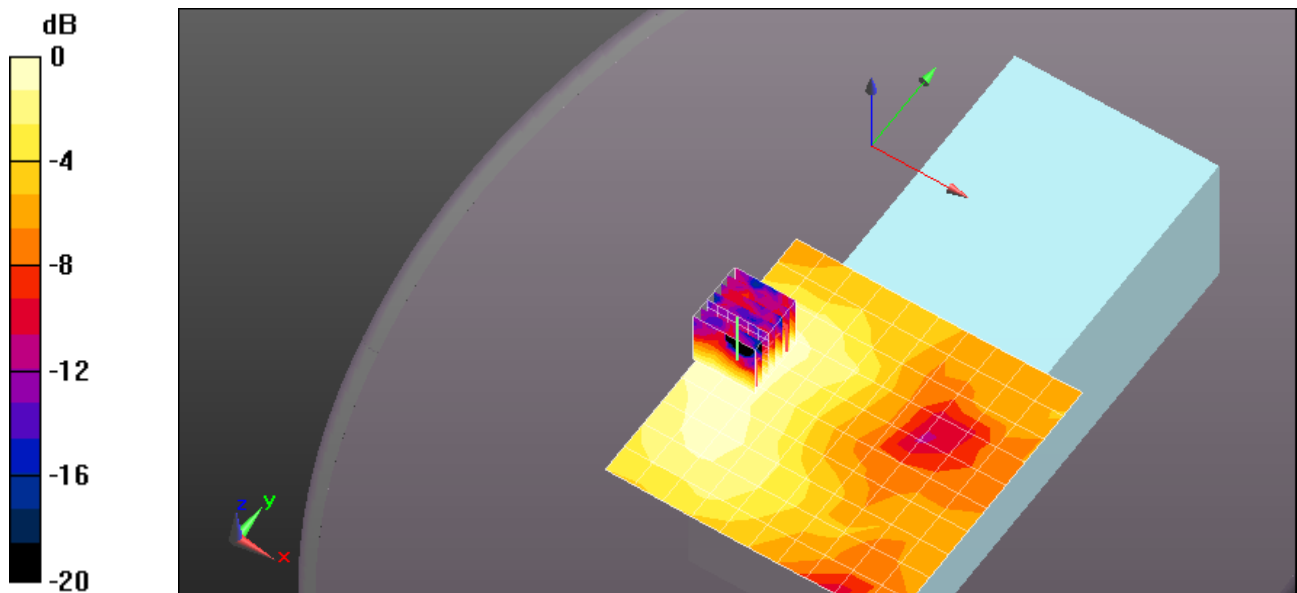
Flat-Section MSL/Back 10mm/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 1.85 V/m; Power Drift = 0.154 dB

Peak SAR (extrapolated) = 0.033 W/kg

SAR(1 g) = 0.016 mW/g; SAR(10 g) = 0.00946 mW/g

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



0 dB = 0.018mW/g

Plot 3: WLAN 802.11b 2437MHz Right 10mm Body Exposure

Date/Time: 2/23/2011 6:27:45 PM, Date/Time: 2/23/2011 6:36:20 PM

DUT: Trimble Nemo; Type: UMPC; Serial: 5043452638

Communication System: IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 12 Mbps); Frequency: 2436 MHz

Medium parameters used (interpolated): $f = 2436$ MHz; $\sigma = 1.94$ mho/m; $\epsilon_r = 50.2$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: ES3DV3 - SN3244; ConvF(4.24, 4.24, 4.24);
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1233; Calibrated: 10/13/2010
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1092
- Measurement SW: DASY52, V52.2 Build 0;

Flat-Section MSL 2/Right Edge 10mm/Area Scan (8x11x1): Measurement grid:

dx=14mm, dy=14mm

Maximum value of SAR (measured) = 0.188 mW/g

Flat-Section MSL 2/Right Edge 10mm/Zoom Scan (7x7x7)/Cube 0:

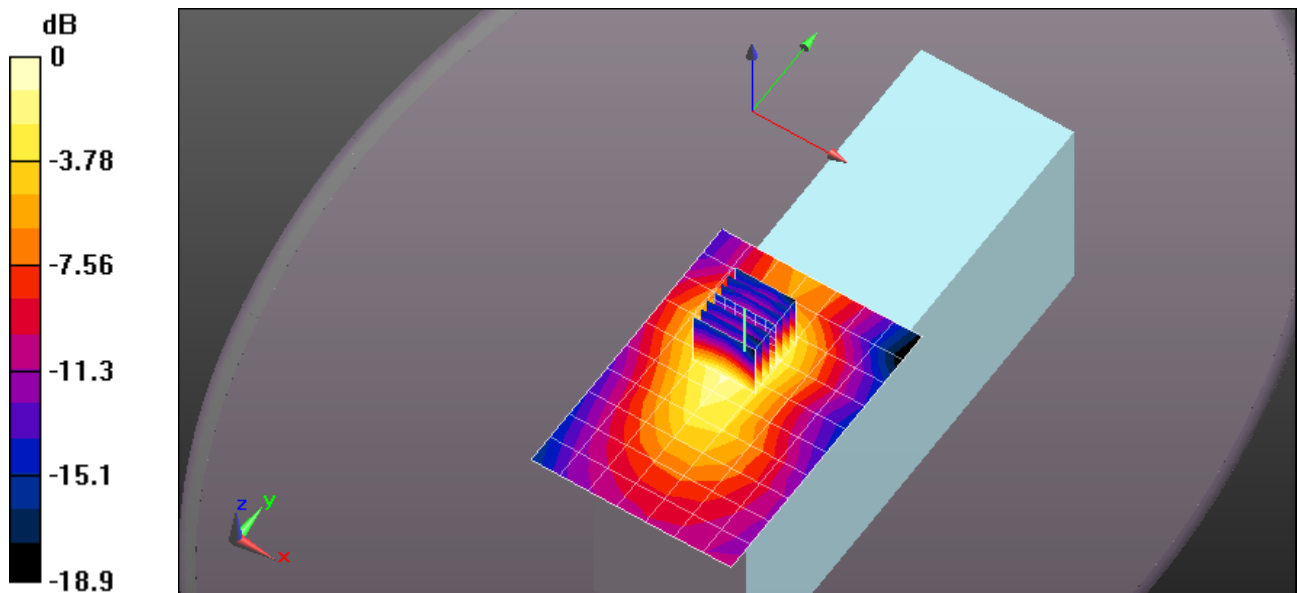
Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 9.59 V/m; Power Drift = -0.112 dB

Peak SAR (extrapolated) = 0.326 W/kg

SAR(1 g) = 0.178 mW/g; SAR(10 g) = 0.099 mW/g

Maximum value of SAR (measured) = 0.195 mW/g



Plot 4: WLAN 802.11b Front 0mm Hand Exposure

Date/Time: 2/23/2011 2:36:53 PM, Date/Time: 2/23/2011 2:48:50 PM

DUT: Trimble Nemo; Type: UMPC; Serial: 5043452638

Communication System: IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 12 Mbps); Frequency: 2436 MHz

Medium parameters used (interpolated): $f = 2436$ MHz; $\sigma = 1.94$ mho/m; $\epsilon_r = 50.2$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: ES3DV3 - SN3244; ConvF(4.24, 4.24, 4.24);
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1233; Calibrated: 10/13/2010
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1092
- Measurement SW: DASY52, V52.2 Build 0;

Flat-Section MSL/Front 0mm/Area Scan (11x11x1): Measurement grid: dx=14mm, dy=14mm

Maximum value of SAR (measured) = 0.304 mW/g

Flat-Section MSL/Front 0mm/Zoom Scan (7x7x7)/Cube 0: Measurement grid:

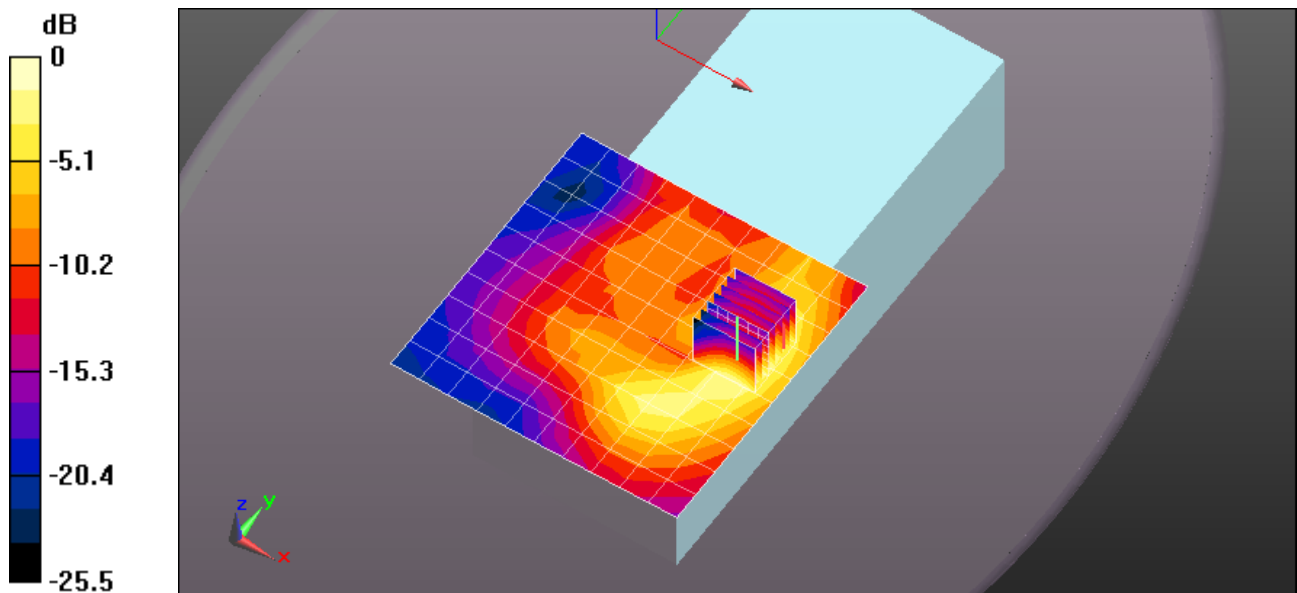
dx=5mm, dy=5mm, dz=5mm

Reference Value = 4.52 V/m; Power Drift = 0.156 dB

Peak SAR (extrapolated) = 0.617 W/kg

SAR(1 g) = 0.322 mW/g; SAR(10 g) = 0.166 mW/g

Maximum value of SAR (measured) = 0.357 mW/g



0 dB = 0.357mW/g

Plot 5: WLAN 802.11b Back 0mm Hand Exposure

Date/Time: 2/23/2011 4:39:29 PM, Date/Time: 2/23/2011 4:51:10 PM

DUT: Trimble Nemo; Type: UMPC; Serial: 5043452638

Communication System: IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 12 Mbps); Frequency: 2436 MHz

Medium parameters used (interpolated): $f = 2436$ MHz; $\sigma = 1.94$ mho/m; $\epsilon_r = 50.2$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: ES3DV3 - SN3244; ConvF(4.24, 4.24, 4.24);
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1233; Calibrated: 10/13/2010
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1092
- Measurement SW: DASY52, V52.2 Build 0;

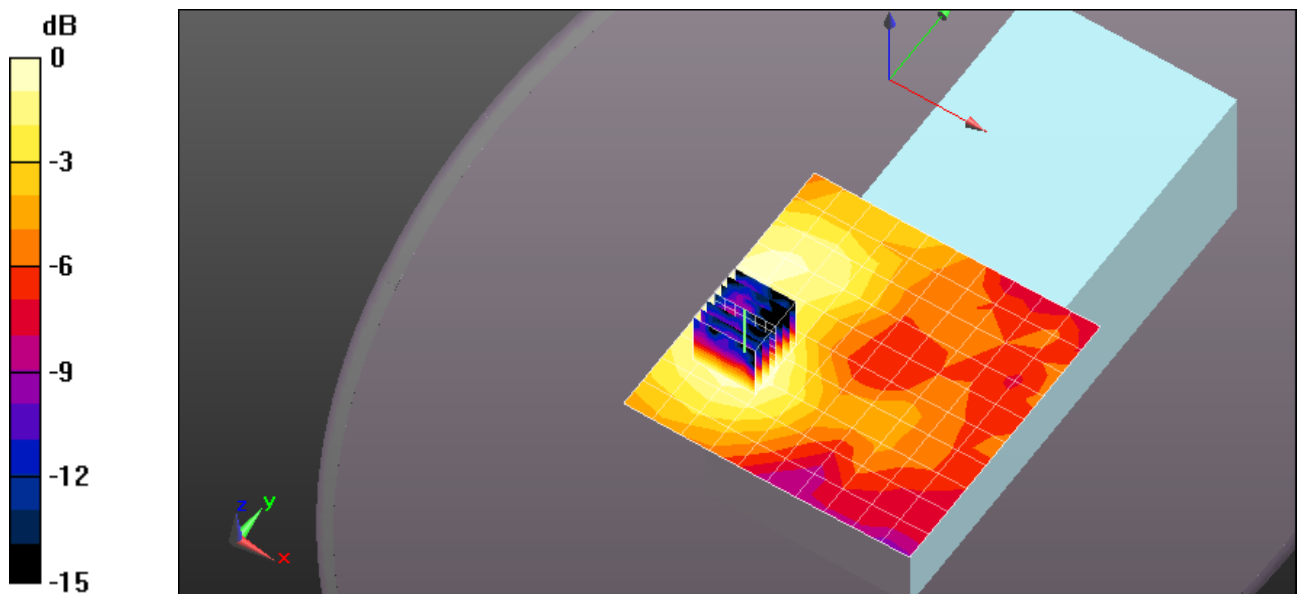
Flat-Section MSL/Back 0mm/Area Scan (11x11x1): Measurement grid: dx=14mm, dy=14mm

Maximum value of SAR (measured) = 0.326 mW/g

Flat-Section MSL/Back 0mm/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 1.51 V/m; Power Drift = -0.164 dB

Peak SAR (extrapolated) = 0.646 W/kg

SAR(1 g) = 0.324 mW/g; SAR(10 g) = 0.115 mW/g

0 dB = 0.326mW/g

Plot 6: WLAN 802.11b Right 0mm Hand Exposure

Date/Time: 2/23/2011 5:54:10 PM, Date/Time: 2/23/2011 6:02:43 PM

DUT: Trimble Nemo; Type: UMPC; Serial: 5043452638

Communication System: IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 12 Mbps); Frequency: 2436 MHz

Medium parameters used (interpolated): $f = 2436$ MHz; $\sigma = 1.94$ mho/m; $\epsilon_r = 50.2$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: ES3DV3 - SN3244; ConvF(4.24, 4.24, 4.24);
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1233; Calibrated: 10/13/2010
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1092
- Measurement SW: DASY52, V52.2 Build 0;

Flat-Section MSL 2/Right Edge 0mm/Area Scan (8x11x1): Measurement grid:

dx=14mm, dy=14mm

Maximum value of SAR (measured) = 0.595 mW/g

Flat-Section MSL 2/Right Edge 0mm/Zoom Scan (7x7x7)/Cube 0:

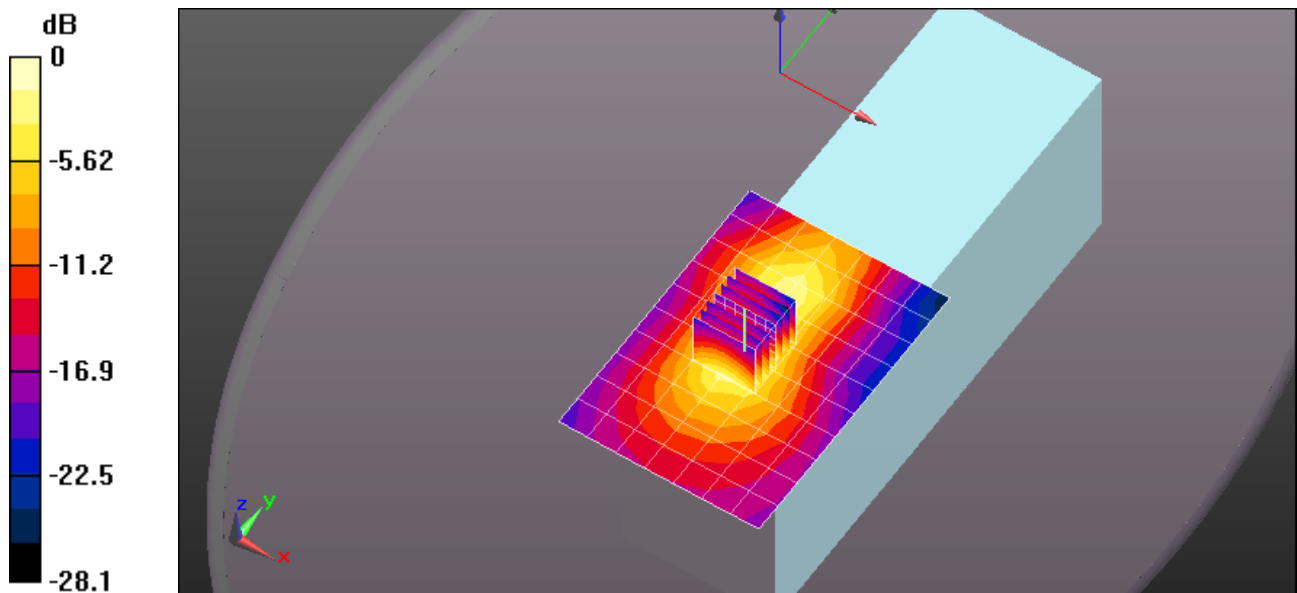
Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 12.7 V/m; Power Drift = 0.063 dB

Peak SAR (extrapolated) = 1.13 W/kg

SAR(1 g) = 0.526 mW/g; SAR(10 g) = 0.243 mW/g

Maximum value of SAR (measured) = 0.605 mW/g



0 dB = 0.605mW/g

Plot 7: 2450MHz Dipole Verification

Date/Time: 2/23/2011 10:25:57 AM, Date/Time: 2/23/2011 10:20:51 AM

DUT: Dipole 2450 MHz D2450V2; Type: D2450V2; Serial: D2450V2 - SN:xxx

Communication System: CW; Frequency: 2450 MHz

Medium parameters used: $f = 2450$ MHz; $\sigma = 2.04$ mho/m; $\epsilon_r = 50.2$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: ES3DV3 - SN3244; ConvF(4.24, 4.24, 4.24);
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1233; Calibrated: 10/13/2010
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1092
- Measurement SW: DASY52, V52.2 Build 0;

**System Performance Check at Frequencies above 1 GHz/d=10mm,
Pin=1W, dist=3.0mm (ES-Probe)/Zoom Scan (7x7x7) (7x7x7)/Cube 0:**

Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 178.5 V/m; Power Drift = 0.048 dB

Peak SAR (extrapolated) = 106.6 W/kg

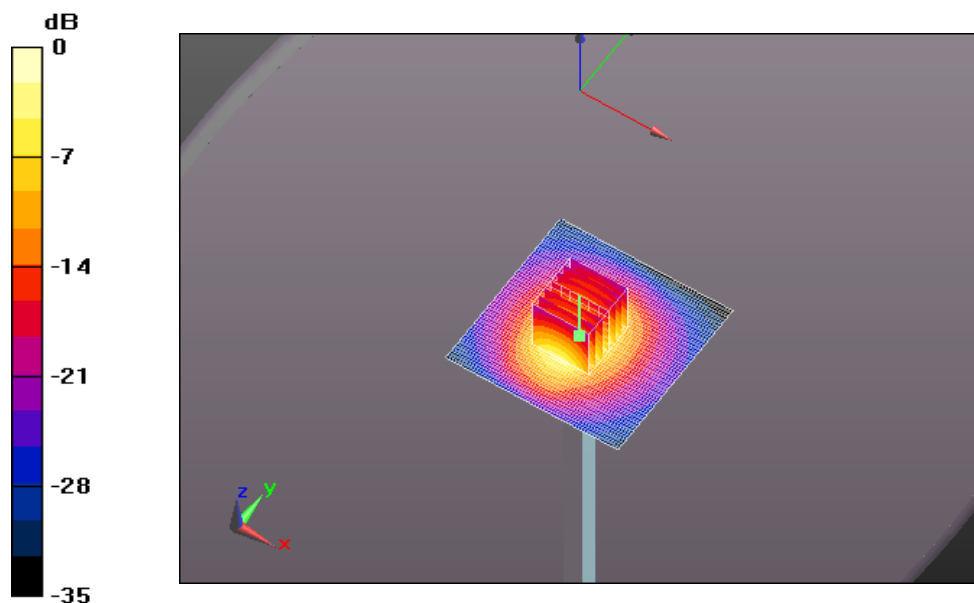
SAR(1 g) = 50.1 mW/g; SAR(10 g) = 22.6 mW/g

Maximum value of SAR (measured) = 66.7 mW/g

**System Performance Check at Frequencies above 1 GHz/d=10mm,
Pin=1W, dist=3.0mm (ES-Probe)/Area Scan (61x61x1):** Measurement grid:

dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 66 mW/g



0 dB = 66mW/g