APPENDIX C2: SAR DISTRIBUTION PLOTS FOR MOBILE HOT SPOT

Date/Time: 2/6/2012 1:01:50 PM

Test Laboratory: RIM Testing Services

MHS_Back_UMTS_Band_IV_mid_chan_amb_temp_22.9_liq_temp_20.8 C

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 295EC945

Communication System: WCDMA FDD IV; Frequency: 1732.6 MHz
Medium parameters used (interpolated): f = 1732.6 MHz; σ = 1.516 mho/m; ε_r = 55.137; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

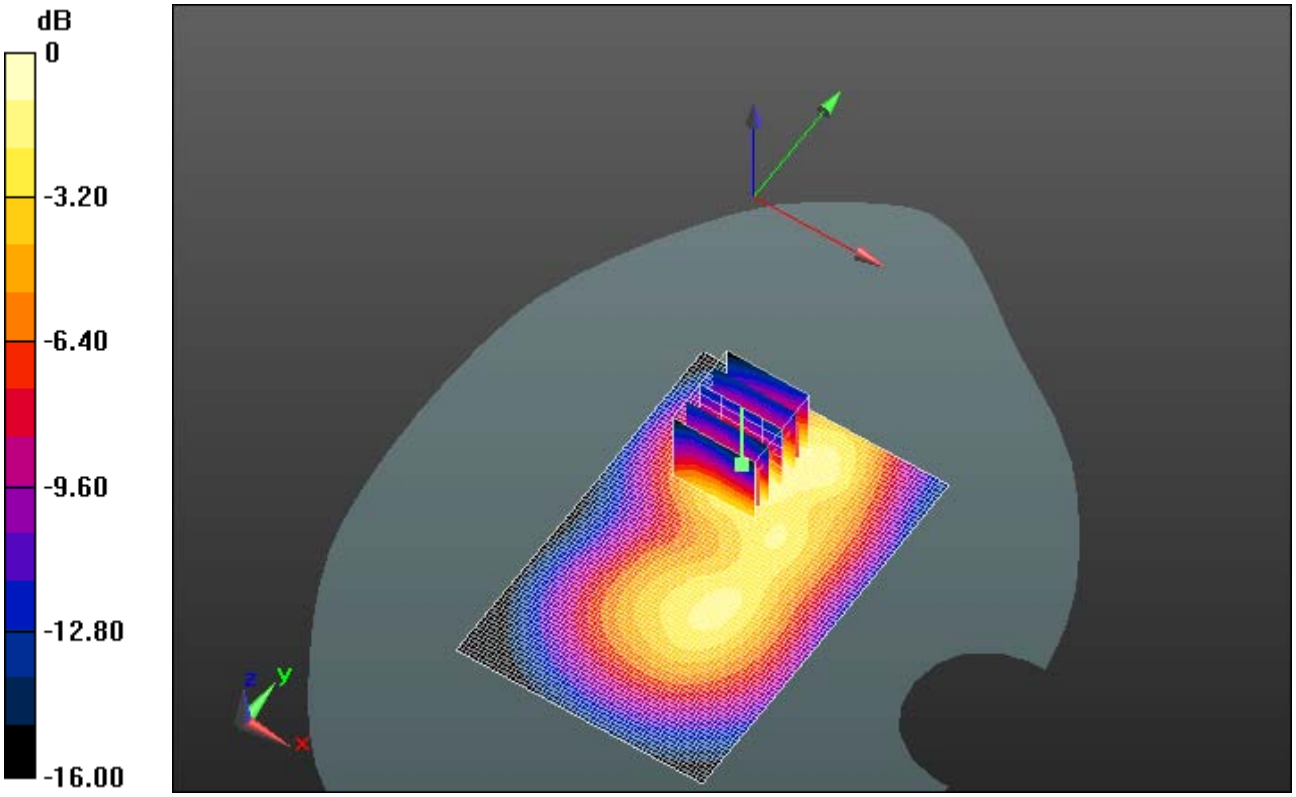
- Probe: ET3DV6 - SN1644; ConvF(4.69, 4.69, 4.69); Calibrated: 11/15/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 2.7, 32.7
- Electronics: DAE3 Sn472; Calibrated: 3/7/2011
- Phantom: SAM 2; Type: SAM 4.0; Serial: 1080
- DASY52 52.8.0(692); SEMCAD X 14.6.4(4989)

Configuration/Touch position -/Area Scan (61x91x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.622 mW/g

Configuration/Touch position -/Zoom Scan (5x5x7) (5x5x7)/Cube 0:
Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 13.978 V/m; Power Drift = 0.20 dB
Peak SAR (extrapolated) = 0.8720
SAR(1 g) = 0.542 mW/g; SAR(10 g) = 0.306 mW/g

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.611 mW/g



0 dB = 0.610mW/g = -4.29 dB mW/g

Date/Time: 2/6/2012 1:51:48 PM

Test Laboratory: RIM Testing Services

MHS_Front_UMTS_Band_IV_mid_chan_amb_temp_22.6_liq_temp_20.7 C

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 295EC945

Communication System: WCDMA FDD IV; Frequency: 1732.6 MHz
Medium parameters used (interpolated): f = 1732.6 MHz; σ = 1.516 mho/m; ε_r = 55.137; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

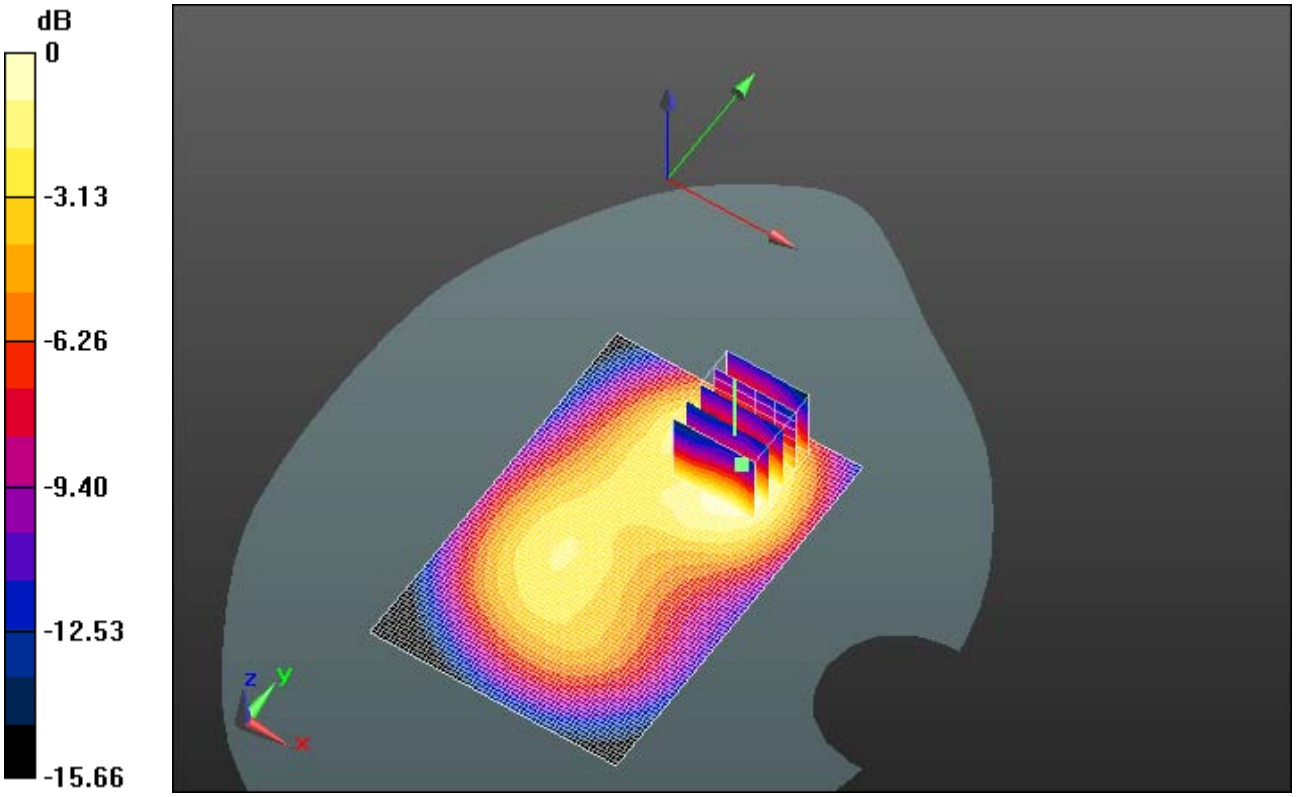
- Probe: ET3DV6 - SN1644; ConvF(4.69, 4.69, 4.69); Calibrated: 11/15/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 2.7, 32.7
- Electronics: DAE3 Sn472; Calibrated: 3/7/2011
- Phantom: SAM 2; Type: SAM 4.0; Serial: 1080
- DASY52 52.8.0(692); SEMCAD X 14.6.4(4989)

Configuration/Touch position -/Area Scan (61x91x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.490 mW/g

Configuration/Touch position -/Zoom Scan (5x5x7) (5x5x7)/Cube 0:
Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 12.750 V/m; Power Drift = 0.0017 dB
Peak SAR (extrapolated) = 0.6430
SAR(1 g) = 0.412 mW/g; SAR(10 g) = 0.249 mW/g

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.454 mW/g



0 dB = 0.450mW/g = -6.94 dB mW/g

Date/Time: 2/6/2012 2:18:44 PM

Test Laboratory: RIM Testing Services

MHS_Right_UMTS_Band_IV_mid_chan_amb_temp_22.6_liq_temp_20.8

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 295EC945

Communication System: WCDMA FDD IV; Frequency: 1732.6 MHz
Medium parameters used (interpolated): f = 1732.6 MHz; σ = 1.516 mho/m; ε_r = 55.137; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

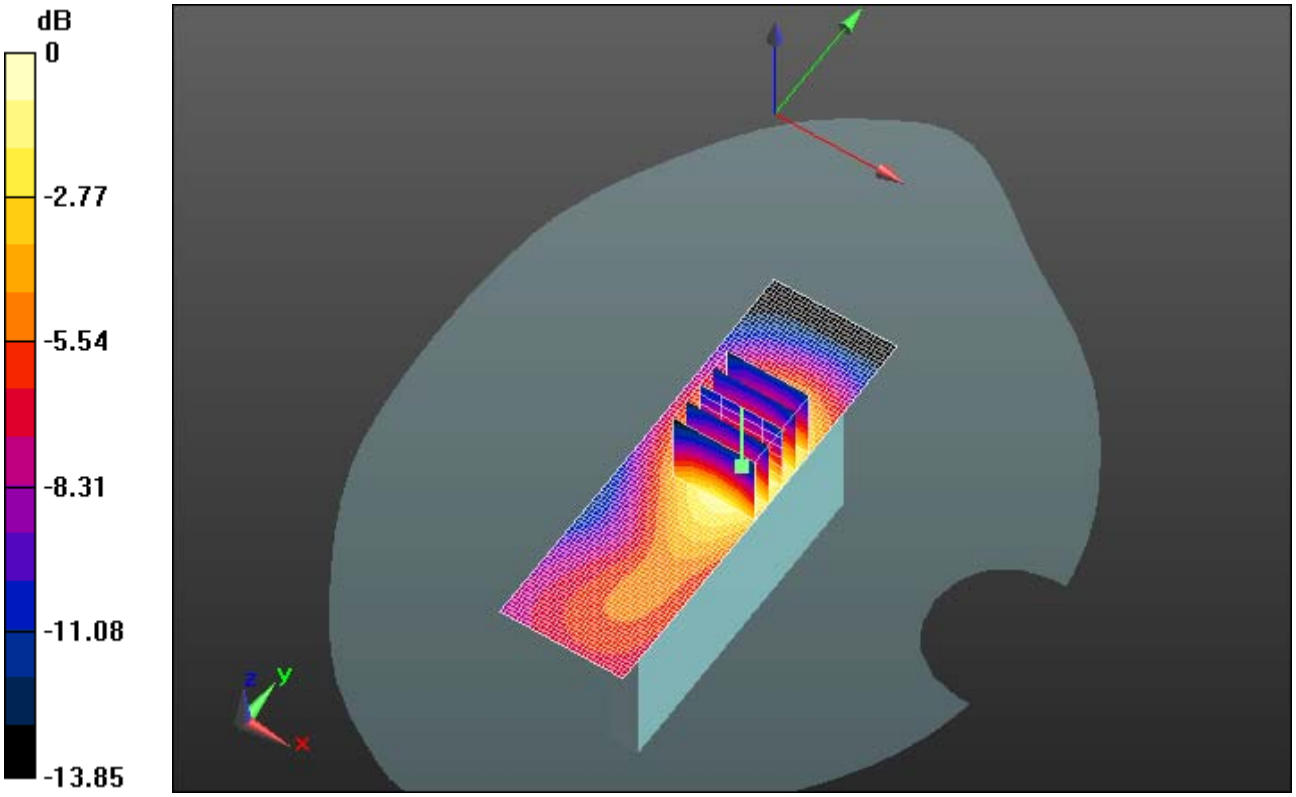
- Probe: ET3DV6 - SN1644; ConvF(4.69, 4.69, 4.69); Calibrated: 11/15/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 2.7, 32.7
- Electronics: DAE3 Sn472; Calibrated: 3/7/2011
- Phantom: SAM 2; Type: SAM 4.0; Serial: 1080
- DASY52 52.8.0(692); SEMCAD X 14.6.4(4989)

Configuration/Touch position -/Area Scan (31x101x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.251 mW/g

Configuration/Touch position -/Zoom Scan (5x5x7) (5x5x7)/Cube 0:
Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 13.392 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 0.3350
SAR(1 g) = 0.226 mW/g; SAR(10 g) = 0.142 mW/g

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.246 mW/g



0 dB = 0.250mW/g = -12.04 dB mW/g

Date/Time: 2/6/2012 2:38:56 PM

Test Laboratory: RIM Testing Services

MHS_Left_Band_IV_mid_chan_amb_temp_22.6_liq_temp_20.5

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 295EC945

Communication System: WCDMA FDD IV; Frequency: 1732.6 MHz
Medium parameters used (interpolated): f = 1732.6 MHz; σ = 1.516 mho/m; ε_r = 55.137; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

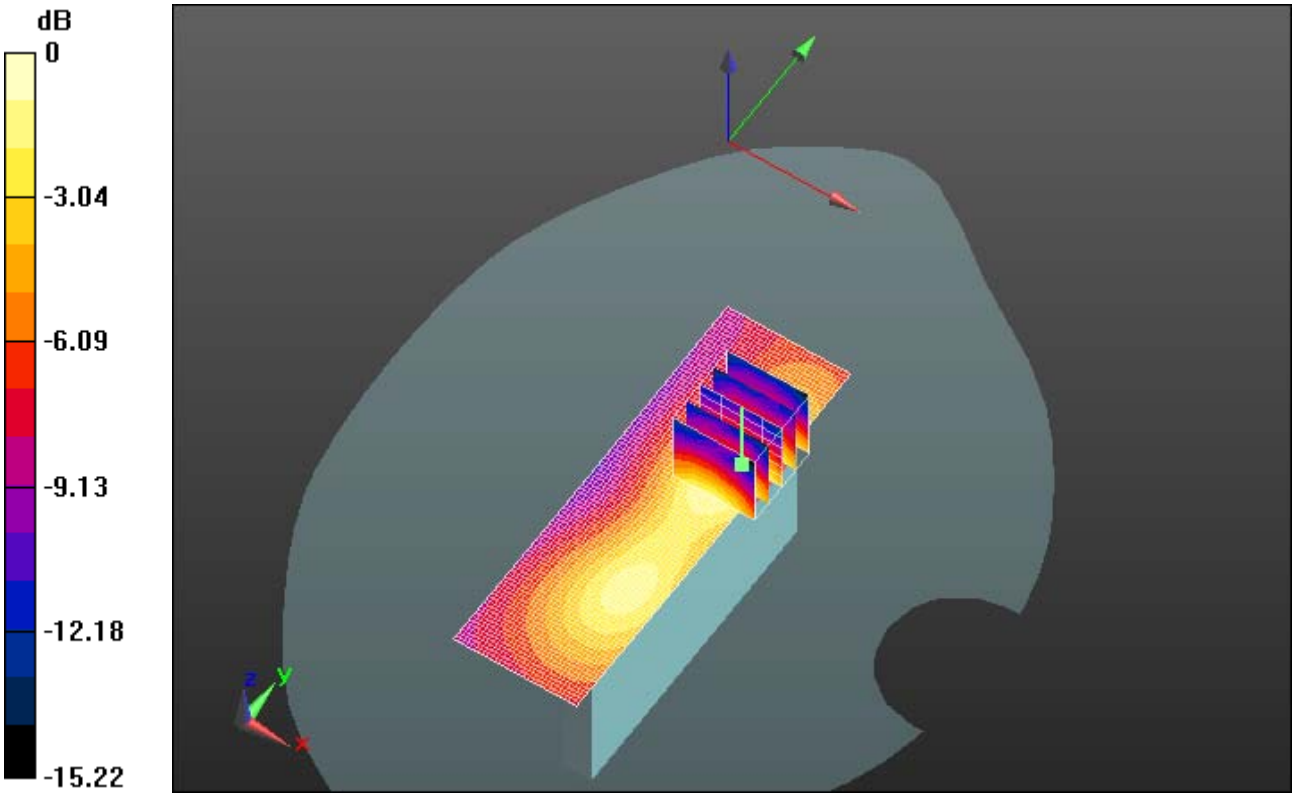
- Probe: ET3DV6 - SN1644; ConvF(4.69, 4.69, 4.69); Calibrated: 11/15/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 2.7, 32.7
- Electronics: DAE3 Sn472; Calibrated: 3/7/2011
- Phantom: SAM 2; Type: SAM 4.0; Serial: 1080
- DASY52 52.8.0(692); SEMCAD X 14.6.4(4989)

Configuration/Touch position -/Area Scan (31x101x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.143 mW/g

Configuration/Touch position -/Zoom Scan (5x5x7) (5x5x7)/Cube 0:
Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 7.650 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 0.1890
SAR(1 g) = 0.122 mW/g; SAR(10 g) = 0.072 mW/g

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.135 mW/g



0 dB = 0.130mW/g = -17.72 dB mW/g

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Test Laboratory: RIM Testing Services

MHS_Bottom_UMTS_IV_mid_chan_amb_temp_22.6_liq_temp_20.6C

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 295EC945

Communication System: WCDMA FDD IV; Frequency: 1732.6 MHz
Medium parameters used (interpolated): f = 1732.6 MHz; σ = 1.516 mho/m; ε_r = 55.137; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

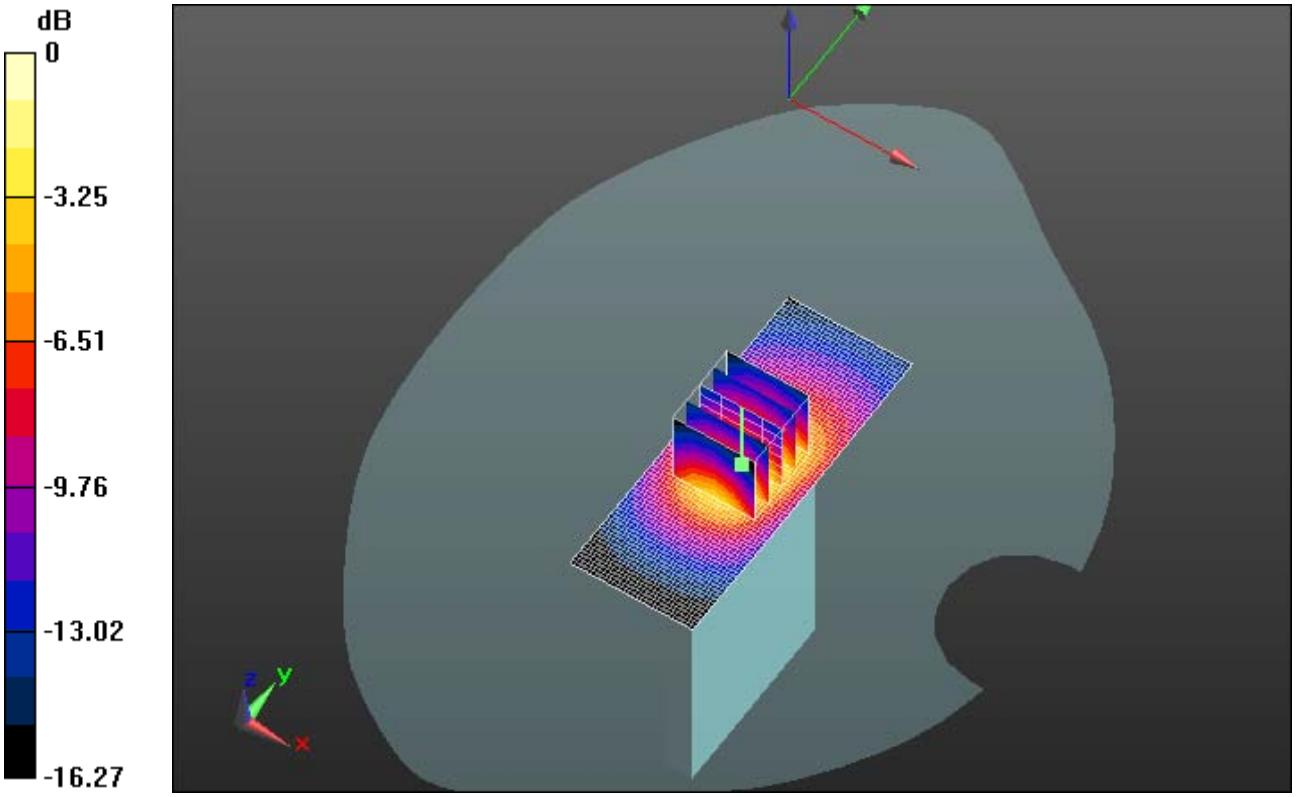
- Probe: ET3DV6 - SN1644; ConvF(4.69, 4.69, 4.69); Calibrated: 11/15/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 2.7, 32.7
- Electronics: DAE3 Sn472; Calibrated: 3/7/2011
- Phantom: SAM 2; Type: SAM 4.0; Serial: 1080
- DASY52 52.8.0(692); SEMCAD X 14.6.4(4989)

Configuration/Touch position -/Area Scan (31x81x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.655 mW/g

Configuration/Touch position -/Zoom Scan (5x5x7) (5x5x7)/Cube 0:
Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 23.028 V/m; Power Drift = 0.0066 dB
Peak SAR (extrapolated) = 0.9610
SAR(1 g) = 0.599 mW/g; SAR(10 g) = 0.321 mW/g

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.686 mW/g



0 dB = 0.690mW/g = -3.22 dB mW/g

Z axis plot for the worst case body configuration