APPENDIX A: SAR DISTRIBUTION COMPARISON FOR ACCURACY VERIFICATION

Date/Time: 3/16/2012 11:06:46 AM

Test Laboratory: RIM Testing Services

DipoleValidation_835MHz_03_16_12_Amb_Tem_22.0_Liq_Tem_21.2C

DUT: Dipole 835 MHz; Type: D835V2; Serial: D835V2 - SN:446

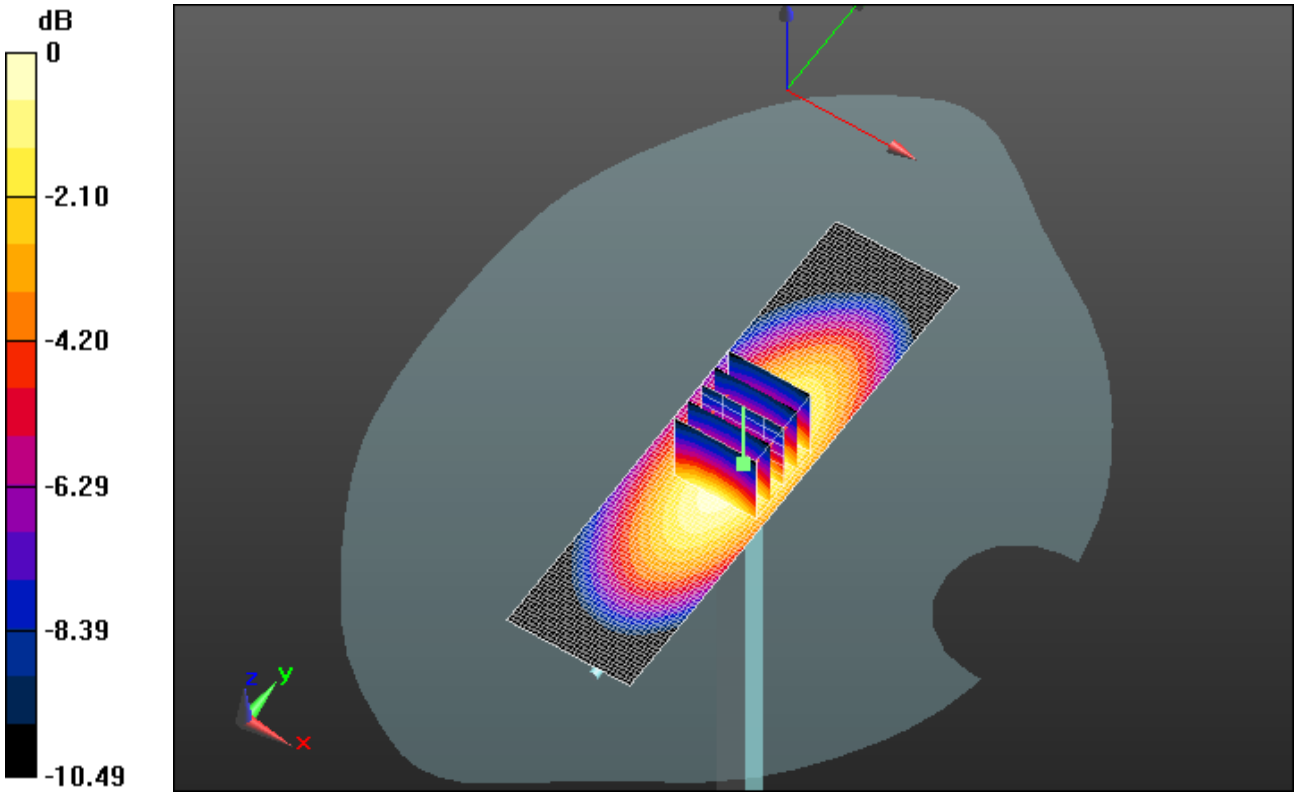
Communication System: CW; Frequency: 835 MHz
Medium parameters used: f = 835 MHz; σ = 0.883 mho/m; ε_r = 39.884; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: ES3DV3 - SN3225; ConvF(6.06, 6.06, 6.06); Calibrated: 1/11/2012
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE3 Sn473; Calibrated: 1/13/2012
- Phantom: SAM 1; Type: SAM 4.0; Serial: 1076
- DASY52 52.8.0(692); SEMCAD X 14.6.4(4989)

Configuration/d=15mm, Pin=1000mW/Area Scan (31x121x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 10.957 mW/g

Configuration/d=15mm, Pin=1000mW/Zoom Scan (5x5x7) 2 2 (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 114.2 V/m; Power Drift = -0.12 dB
Peak SAR (extrapolated) = 13.6490
SAR(1 g) = 9.24 mW/g; SAR(10 g) = 6.05 mW/g
Maximum value of SAR (measured) = 10.860 mW/g



0 dB = 10.860mW/g = 20.72 dB mW/g

Date/Time: 3/19/2012 9:49:37 AM

Test Laboratory: RIM Testing Services

DipoleValidation_835MHz_03_19_12_Amb_Tem_22.2_Liq_Tem_21.3C

DUT: Dipole 835 MHz; Type: D835V2; Serial: D835V2 - SN:446

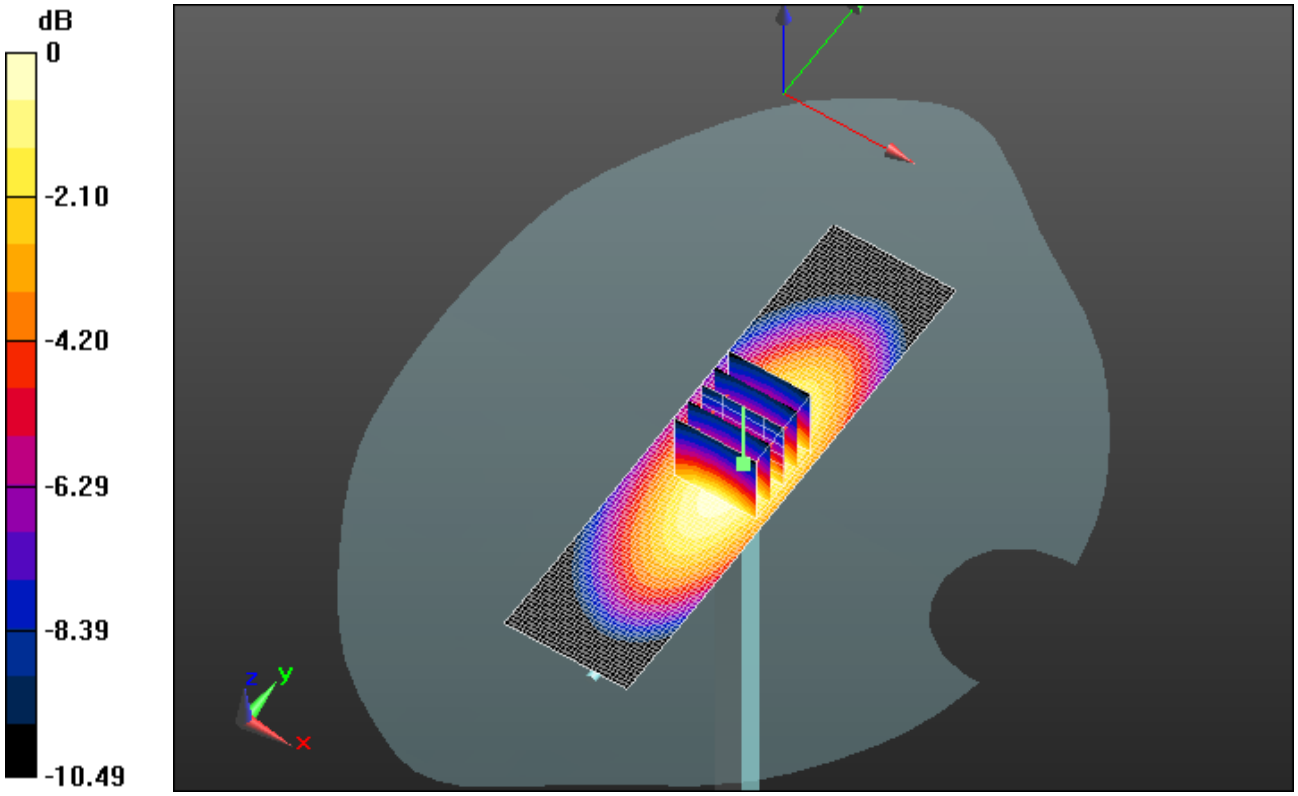
Communication System: CW; Frequency: 835 MHz
Medium parameters used: f = 835 MHz; σ = 0.889 mho/m; ε_r = 41.122; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: ES3DV3 - SN3225; ConvF(6.06, 6.06, 6.06); Calibrated: 1/11/2012
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE3 Sn473; Calibrated: 1/13/2012
- Phantom: SAM 1; Type: SAM 4.0; Serial: 1076
- DASY52 52.8.0(692); SEMCAD X 14.6.4(4989)

Configuration/d=15mm, Pin=1000mW/Area Scan (31x121x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 10.972 mW/g

Configuration/d=15mm, Pin=1000mW/Zoom Scan (5x5x7) 2 2 (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 114.4 V/m; Power Drift = -0.12 dB
Peak SAR (extrapolated) = 13.7110
SAR(1 g) = 9.28 mW/g; SAR(10 g) = 6.07 mW/g
Maximum value of SAR (measured) = 10.846 mW/g



0 dB = 10.850mW/g = 20.71 dB mW/g