

LG Electronics Inc.

DUT: Dipole 835MHz;Type: D835V2;Serial:471

Communication System: CW; Frequency: 835 MHz;Duty Cycle: 1:1
Medium: Head 835 MHz;($\sigma = 0.896\text{mho/m}$; $\epsilon_r = 41.9$; $\rho = 1000\text{ kg/m}^3$)
Phantom section: Flat Section

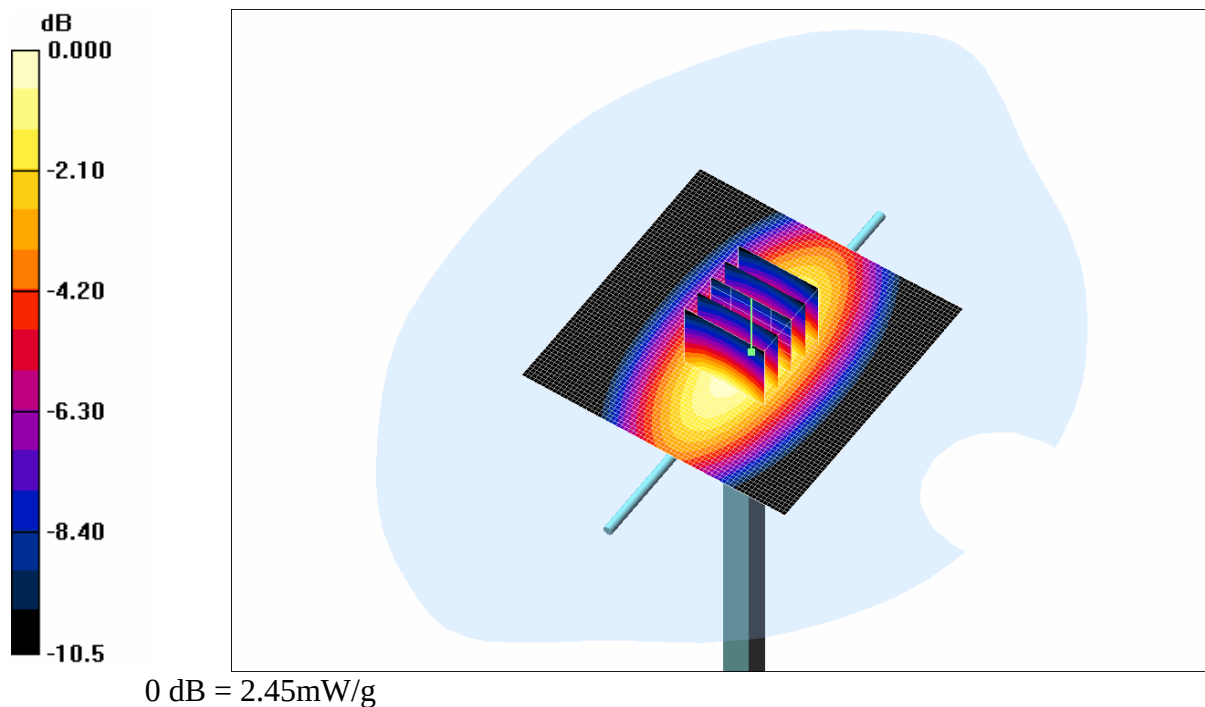
Test Date:10/03/2007;Ambient Temp: 22.9°C;Tissue Temp: 21.8°C

Probe: ES3DV3 – SN3066; ConvF(5.96, 5.96, 5.96);Calibrated: 2007-01-23
Sensor-Surface: 4mm (Mechanical Surface Detection)
Electronics: DAE4 Sn645; Calibrated: 2006-11-24
Phantom: SAM 835; Type: SAM 4.0; Serial:TP-1066
Measurement SW: DASY4, V4.7 Build 44; Post processing SW: SEMCAD, V1.8 Build 171

835 MHz Dipole Validation

Area Scan (61x61x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 2.42mW/g

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 52.8V/m; Power Drift = -0.011 dB
Peak SAR (extrapolated) = 3.31W/kg
SAR(1 g) = 2.26mW/g; SAR(10 g) = 1.48mW/g
Maximum value of SAR (measured) = 2.45mW/g



LG Electronics Inc.

DUT: Dipole 1900MHz;Type: D1900V2;Serial:5d017

Communication System: CW; Frequency: 1900 MHz;Duty Cycle: 1:1
Medium: Head 1900 MHz;(σ = 1.42mho/m; ε_r =40; ρ = 1000 kg/m³)
Phantom section: Flat Section

Test Date: 10/04/2007;Ambient Temp: 22.9°C;Tissue Temp: 21.8°C

Probe: ES3DV3 – SN3066;ConvF(4.85, 4.85, 4.85);Calibrated: 2007-01-23
Sensor-Surface: 4mm (Mechanical Surface Detection)
Electronics: DAE4 Sn645; Calibrated: 2006-11-24
Phantom: SAM 1900; Type: SAM 4.0; Serial:TP-1066
Measurement SW: DASY4, V4.7 Build 44; Post processing SW: SEMCAD, V1.8 Build 171

1900 MHz Dipole Validation

Area Scan (61x61x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 10.7mW/g

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 86.0V/m; Power Drift = -0.030dB
Peak SAR (extrapolated) = 17.3W/kg
SAR(1 g) = 9.41mW/g; SAR(10 g) = 4.9mW/g
Maximum value of SAR (measured) = 10.5mW/g

