Appendix A:

Validation Test Plots

Test Laboratory: Kyocera

835MHz Validation@20.00dBm, Probe#1664, DAE#602, Dipole#454, 05-18-05

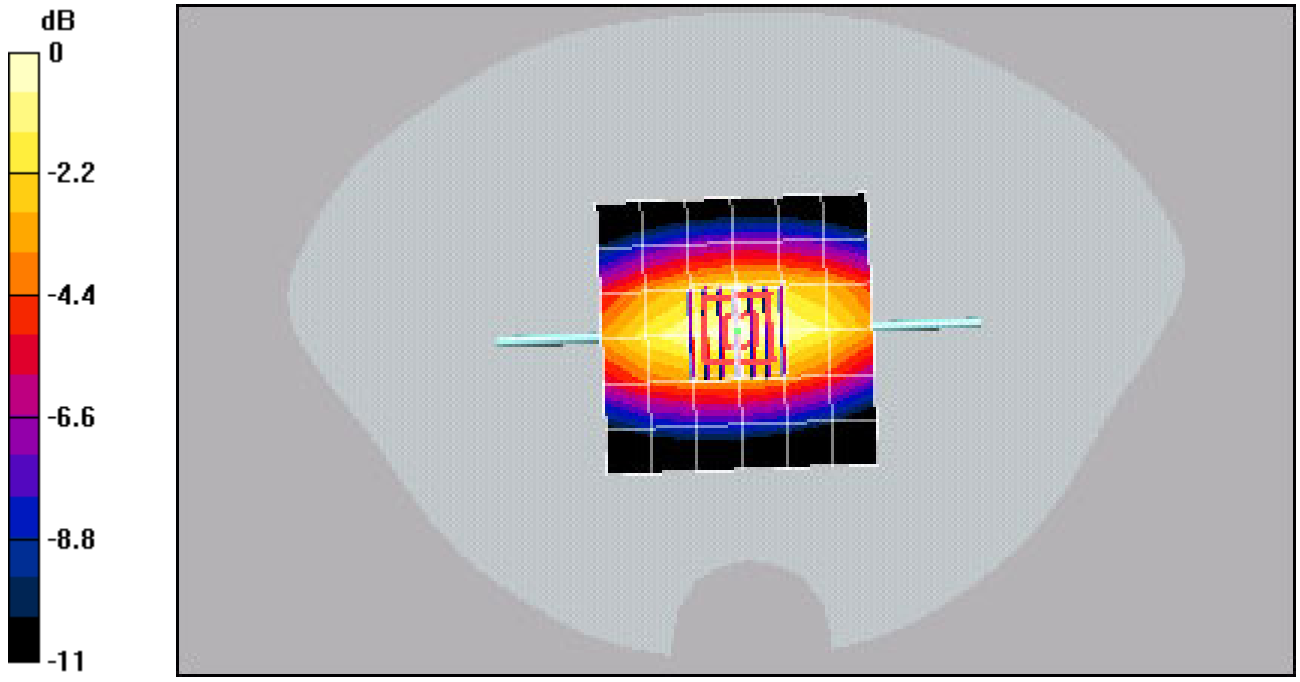
Communication System: CW, Frequency: 835 MHz, Duty Cycle: 1:1
Medium: HSL900,Medium parameters used: f = 835 MHz; σ = 0.929 mho/m; ε_r = 41.8; ρ = 1000 kg/m^3
Phantom: SAM 12,Phantom section: Flat Section

DASY4 Configuration:
Probe: ET3DV6 - SN1664, ConvF(6.56, 6.56, 6.56), Calibrated: 9/2/2004
Sensor-Surface: 4mm (Mechanical And Optical Surface Detection),
Electronics: DAE4 Sn602,Calibrated: 8/27/2004
Measurement SW: DASY4, V4.4 Build 3
Postprocessing SW: SEMCAD, V1.8 Build 130

Temperature:
Room T = 21.8 +/– 1 deg C, Liquid T = 22.0 +/– 1 deg C

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

Reference Value = 35.6 V/m; Power Drift = -0.0 dB
Peak SAR (extrapolated) = 1.67 W/kg
SAR(1 g) = 1.05 mW/g; SAR(10 g) = 0.666 mW/g
Maximum value of SAR (measured) = 1.15 mW/g



0 dB = 1.15mW/g

Date/Time: 05/19/05 01:20:13

Test Laboratory: Kyocera

835MHz Validation@20.00dBm, Probe#1664, DAE#602, Dipole#454, 05-19-05

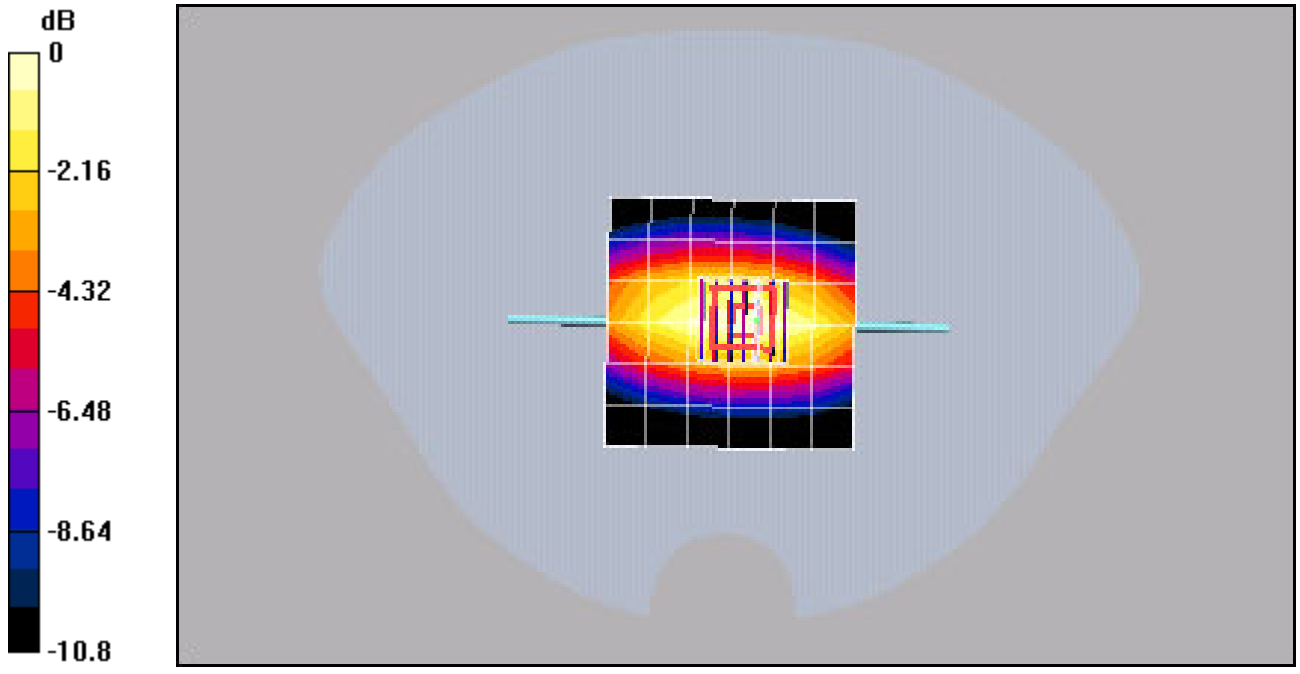
Communication System: CW, Frequency: 835 MHz, Duty Cycle: 1:1
Medium: HSL900,Medium parameters used: f = 835 MHz; σ = 0.923 mho/m; ε_r = 41.6; ρ = 1000 kg/m^3
Phantom: SAM 12,Phantom section: Flat Section

DASY4 Configuration:
Probe: ET3DV6 - SN1664, ConvF(6.56, 6.56, 6.56), Calibrated: 9/2/2004
Sensor-Surface: 4mm (Mechanical And Optical Surface Detection),
Electronics: DAE4 Sn602,Calibrated: 8/27/2004
Measurement SW: DASY4, V4.4 Build 3
Postprocessing SW: SEMCAD, V1.8 Build 130

Temperature:
Room T = 21.8 +/– 1 deg C, Liquid T = 22.0 +/– 1 deg C

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

Reference Value = 35.5 V/m; Power Drift = -0.0 dB
Peak SAR (extrapolated) = 1.56 W/kg
SAR(1 g) = 1.02 mW/g; SAR(10 g) = 0.658 mW/g
Maximum value of SAR (measured) = 1.1 mW/g



0 dB = 1.1mW/g