

Appendix A:
Validation Test Plots

1900MHz Validation at 20dBm Probe 1714, DAE 602, Dipole SN#5d005

DUT: Dipole 1900 MHz;

Communication System: CW; Frequency: 1900 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 1900$ MHz; $\sigma = 1.34$ mho/m; $\epsilon_r = 39.4$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1714; ConvF(4.95, 4.95, 4.95); Calibrated: 9/6/2005
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE4 Sn602; Calibrated: 8/30/2005
- Phantom: SAM 12; Type: SAM; Serial: TP-1148
- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 160

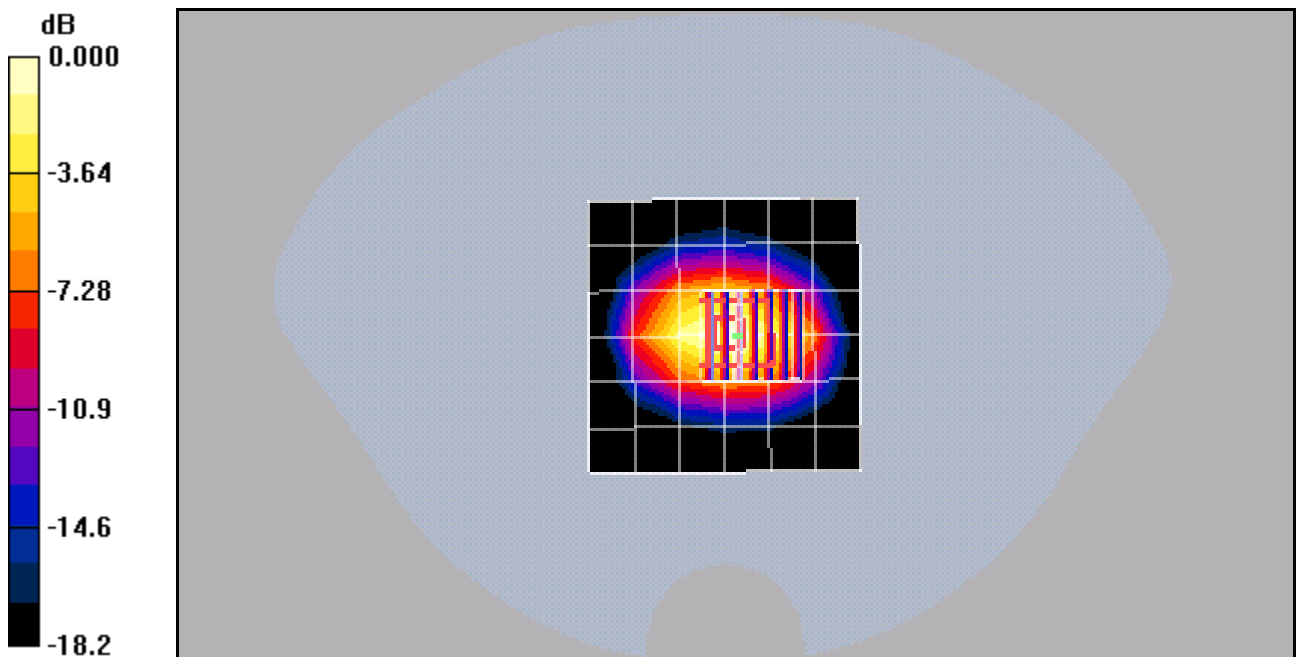
1900MHz Validation @20dBm/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 61.9 V/m; Power Drift = -0.030 dB

Peak SAR (extrapolated) = 6.93 W/kg

SAR(1 g) = 4.1 mW/g; SAR(10 g) = 2.19 mW/g

Maximum value of SAR (measured) = 4.57 mW/g



0 dB = 4.57mW/g