

PCTEST ENGINEERING LABORATORY, INC.

DUT: Dipole 5800 MHz; Type: D5GHzV2; Serial: 1007

Communication System: CW; Frequency: 5800 MHz; Duty Cycle: 1:1

Medium: 5800 Brain ($\sigma = 5.22$ mho/m, $\epsilon_r = 36.13$, $\rho = 1000$ kg/m³)

Phantom section: Flat Section

Test Date: 10-22-2003; Ambient Temp: 22.6°C; Tissue Temp: 20.1°C

Probe: ES3DV2 - SN3022; ConvF(2.15, 2.15, 2.15); Calibrated: 9/23/2003

Sensor-Surface: 3mm (Mechanical Surface Detection)

Electronics: DAE3 SN330; Calibrated: 12/1/2002

Phantom: SAM 12b; Type: SAM 4.0; Serial: TP:1197

Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.8 Build 62

5800MHz. DipoleValidation @100mW

Area Scan (61x61x1): Measurement grid: dx=10mm, dy=10mm

Zoom Scan (7x7x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

Peak SAR (extrapolated) = 48.7 W/kg

SAR(1 g) = 9.31 mW/g; SAR(10 g) = 2.57 mW/g

Reference Value = 54 V/m



