

Test Laboratory: SPEAG, Zurich, Switzerland

DUT: Dipole 2450 MHz; Type: D2450V2; Serial: D2450V2 - SN716

Communication System: CW-2450; Frequency: 2450 MHz; Duty Cycle: 1:1

Medium: Muscle 2450 MHz;

Medium parameters used: $f = 2450$ MHz; $\sigma = 1.96$ mho/m; $\epsilon_r = 51.7$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ES3DV2 - SN3025; ConvF(4.22, 4.22, 4.22); Calibrated: 9/29/2003
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn601; Calibrated: 7/22/2004
- Phantom: Flat Phantom quarter size; Type: QD000P50AA; Serial: SN:1001;
- Measurement SW: DASY4, V4.3 Build 17; Postprocessing SW: SEMCAD, V1.8 Build 124

Pin = 250 mW; d = 10 mm/Area Scan (81x81x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 14.2 mW/g

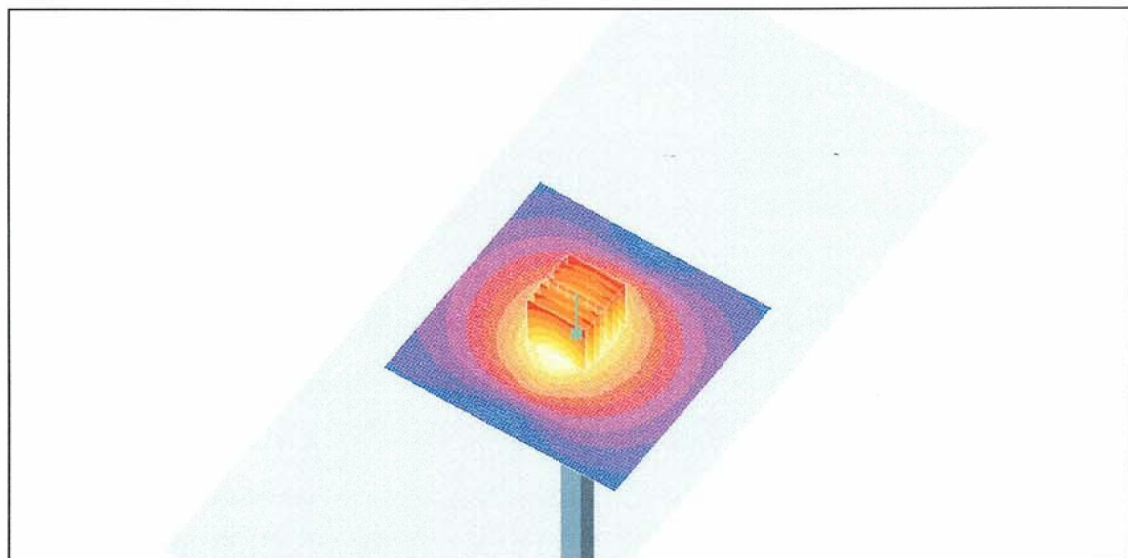
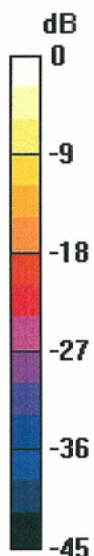
Pin = 250 mW; d = 10 mm/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 85.8 V/m; Power Drift = 0.0 dB

Peak SAR (extrapolated) = 24.9 W/kg

SAR(1 g) = 12.2 mW/g; SAR(10 g) = 5.64 mW/g

Maximum value of SAR (measured) = 14.1 mW/g



0 dB = 14.1mW/g

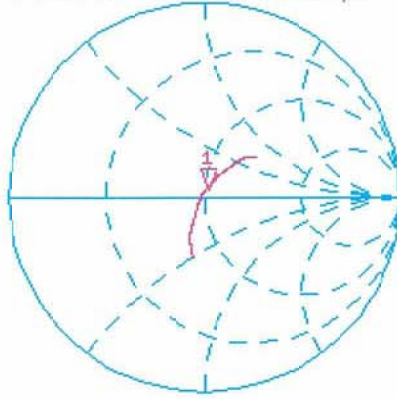
23 Aug 2004 08:51:35

CH1 S11 1 U FS 1: 50.824 Ω 4.0840 Ω 265.30 pF 2 450.000 000 MHz

De1

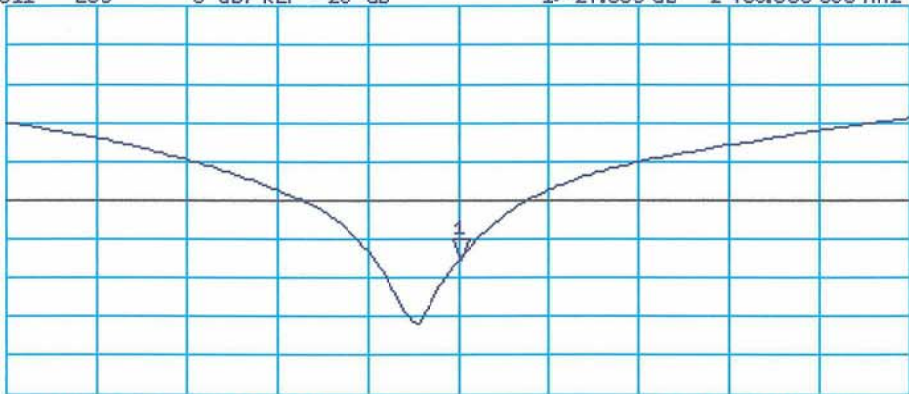
Cor

Avg
16



CH2 S11 LOG 5 dB/REF -20 dB 1:-27.655 dB 2 450.000 000 MHz

Cor



CENTER 2 450.000 000 MHz

SPAN 400.000 000 MHz