

DASY5 Validation Report for Body TSL

Test Laboratory: SPEAG, Zurich, Switzerland

Date: 26.09.2011

DUT: Dipole 1900 MHz; Type: D1900V2; Serial: D1900V2 - SN: 5d143

Communication System: CW; Frequency: 1900 MHz

Medium parameters used: $f = 1900$ MHz; $\sigma = 1.59$ mho/m; $\epsilon_r = 54.2$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY52 Configuration:

- Probe: ES3DV3 - SN3205; ConvF(4.62, 4.62, 4.62); Calibrated: 29.04.2011
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn601; Calibrated: 04.07.2011
- Phantom: Flat Phantom 5.0 (back); Type: QD000P50AA; Serial: 1002
- DASY52 52.6.2(482); SEMCAD X 14.4.5(3634)

Dipole Calibration for Body Tissue/Pin=250 mW, d=10mm/Zoom Scan (7x7x7)/Cube 0:

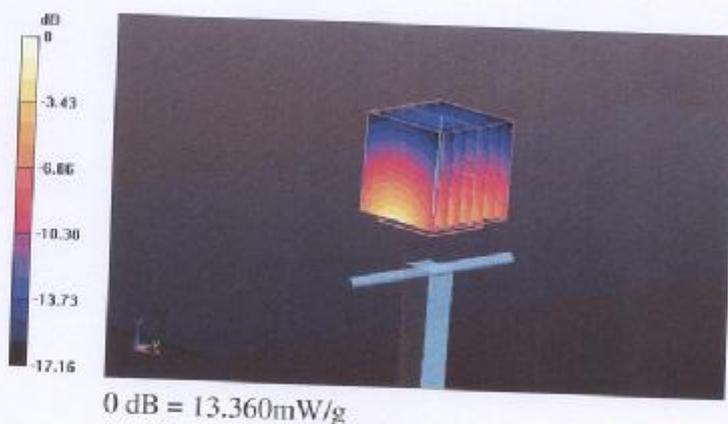
Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 96.063 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 18.849 W/kg

SAR(1 g) = 10.6 mW/g; SAR(10 g) = 5.53 mW/g

Maximum value of SAR (measured) = 13.361 mW/g



Impedance Measurement Plot for Body TSL

