APPENDIX A: SYSTEM CHECKING SCANS

SystemPerformanceCheck-D2450 for Body

Date: 2017.03.30

DUT: Dipole 2450 MHz D2450V2; Type: D2450V2 SN:818;

Communication System: CW; Communication System Band: D2450 (2450.0 MHz); Frequency: 2450 MHz;Duty Cycle: 1:1

Medium parameters used: f = 2450 MHz; σ = 1.94 mho/m; ε_r = 51.1; ρ = 1000 kg/m^3

Phantom section: Flat Section

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

DASY5 Configuration:Probe: ES3DV3 - SN3203; ConvF(4.41, 4.41, 4.41); Calibrated: 2017.01.13.; Electronics: DAE4 Sn876; Calibrated: 2017.03.09.

Body/Dipole2450/Area Scan (61x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Reference Value = 84.643V/m; Power Drift = -0.02 dB

Fast SAR: SAR(1 g) = 12.6 mW/g; SAR(10 g) = 5.96 mW/g

Maximum value of SAR (interpolated) = 18.4 W/kg

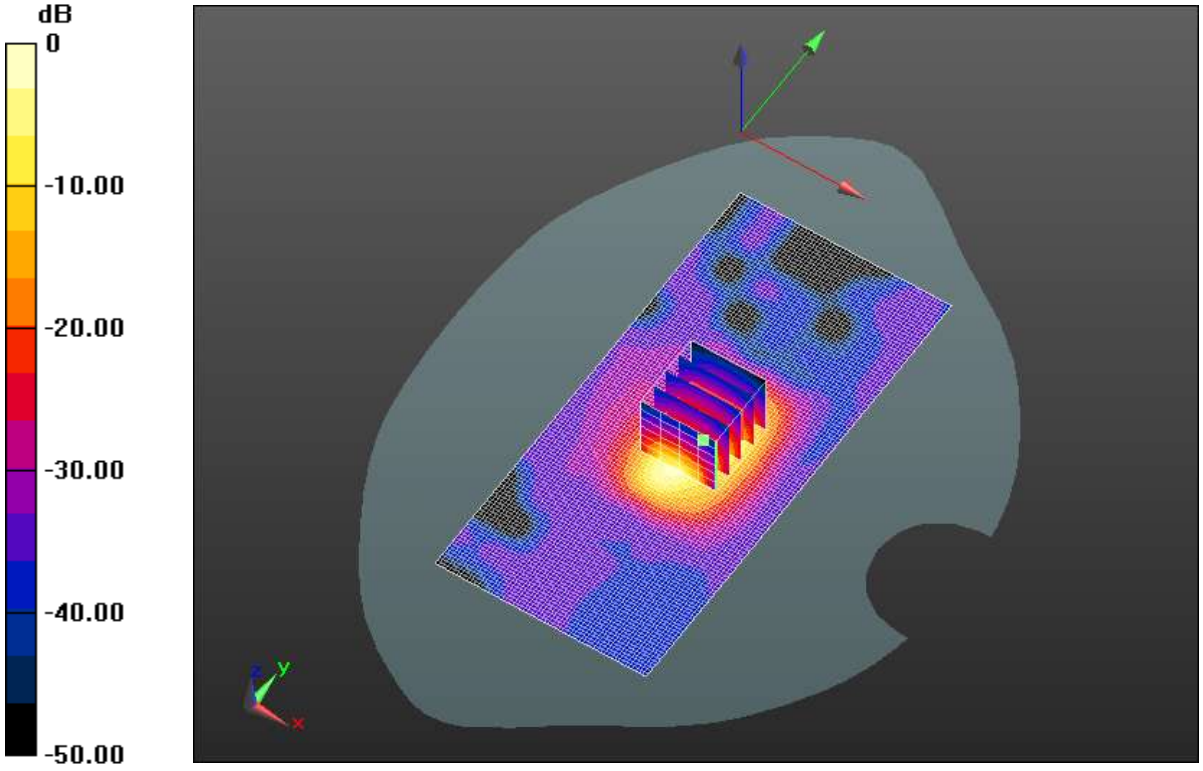
Body/Dipole2450/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 84.643 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 30.534 mW/g

SAR(1 g) = 12.3 mW/g; SAR(10 g) = 5.75 mW/g

Maximum value of SAR (measured) = 14.3 W/kg



0 dB = 18.4 W/kg = 25.32 dB W/kg