

SAR Plots

- Verification Plots
- SAR Test Plots

DT&C Co., Ltd.

DUT: Dipole 2450 MHz; Type: D2450V2; Serial: D2450V2 - SN:726

Communication System: UID 0, CW; Frequency: 2450 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 2450$ MHz; $\sigma = 1.914$ S/m; $\epsilon_r = 51.322$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(7.56, 7.56, 7.56); Calibrated: 5/31/2017; Electronics: DAE4 Sn1453
Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: SAM (30deg probe tilt) with CRP v5.0(Right); Type: QD000P40CD; Serial: TP:1220
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2018-04-09; Ambient Temp: 21.3; Tissue Temp: 21.1

2450 MHz System Verification

Area Scan (7x9x1): Measurement grid: dx=12mm, dy=12mm

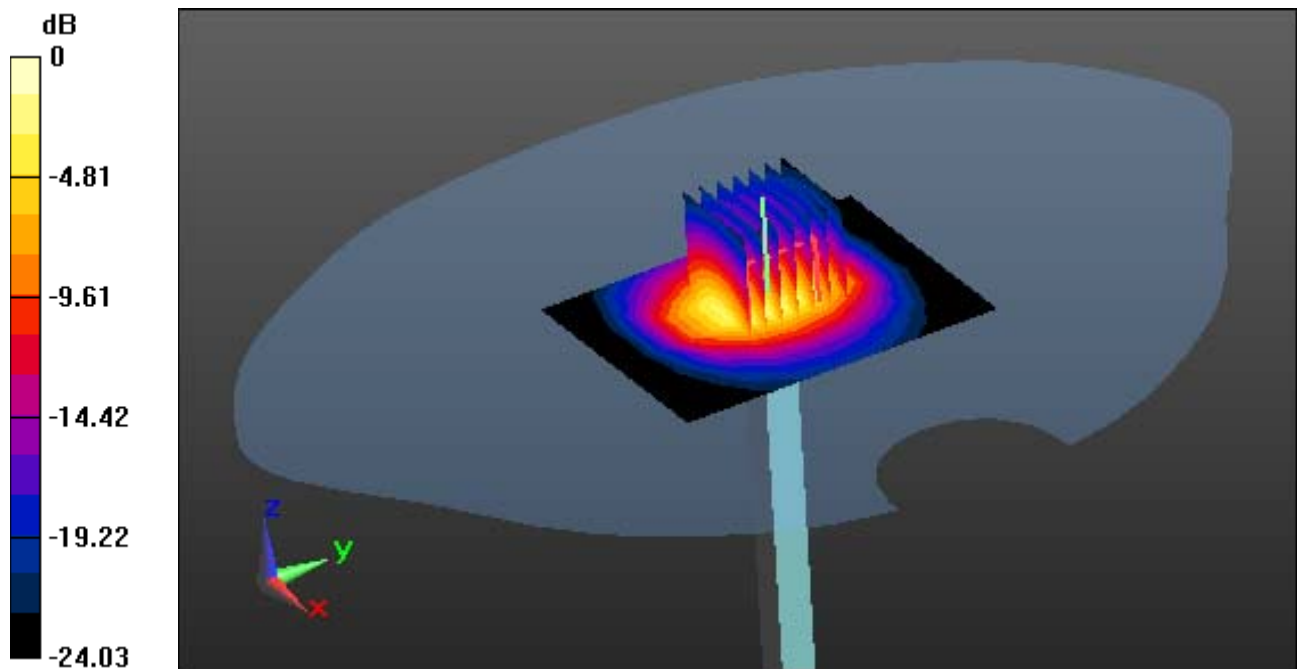
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Power Drift = -0.16 dB

Peak SAR (extrapolated) = 14.9 W/kg

SAR(1 g) = 6.31 W/kg; SAR(10 g) = 2.86 W/kg

Maximum value of SAR (measured) = 10.9 W/kg



0 dB = 9.9 W/kg =

DT&C Co., Ltd.

DUT: GN-W77; Type: USB Dongle

Communication System: UID 0, W-LAN 2.4G(802.11b/g/n20, 40) (0); Frequency: 2412 MHz;Duty Cycle: 1:1
Medium parameters used: $f = 2412 \text{ MHz}$; $\sigma = 1.867 \text{ S/m}$; $\epsilon_r = 51.421$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(7.56, 7.56, 7.56); Calibrated: 5/31/2017; Electronics: DAE4 Sn1453
Sensor-Surface: 2mm (Mechanical Surface Detection)
Phantom: SAM (30deg probe tilt) with CRP v5.0(Right); Type: QD000P40CD; Serial: TP:1220
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2018-04-09; Ambient Temp: 21.3; Tissue Temp: 21.1

0.5 cm space from Body, Horizontal-Down, W-LAN(802.11b - 2.4G) Ch. 1, Ant Internal

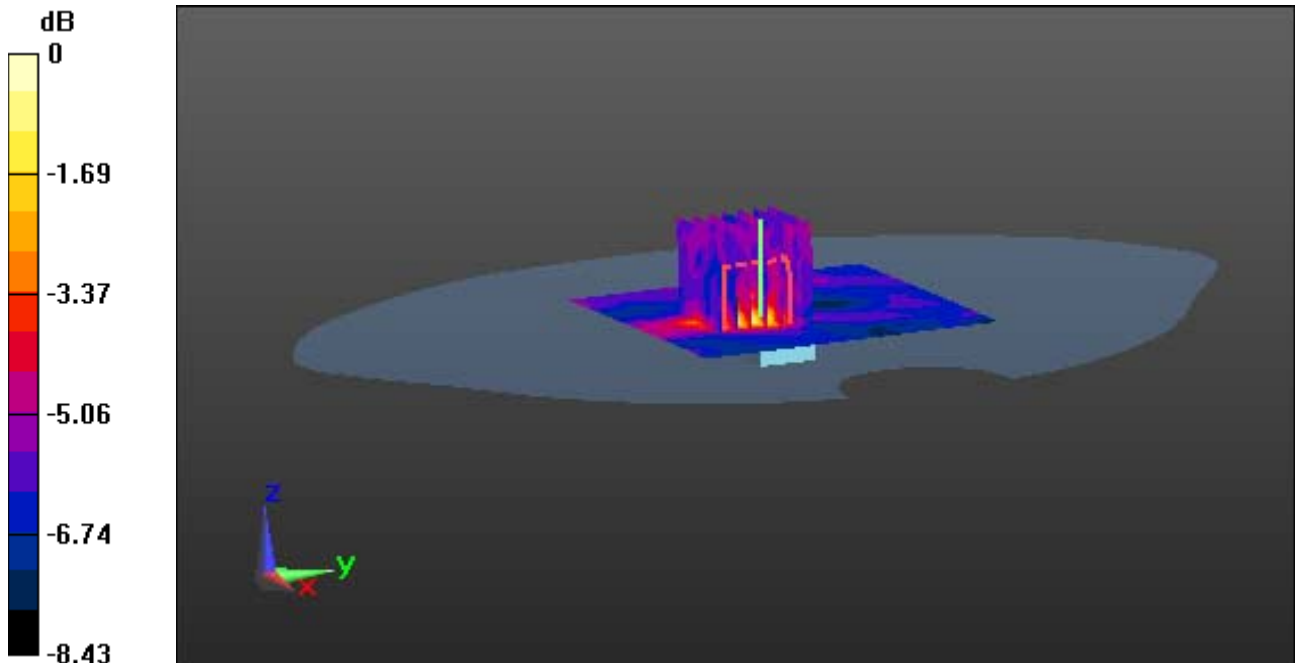
Area Scan (9x9x1): Measurement grid: $dx=12\text{mm}$, $dy=12\text{mm}$

Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.169 W/kg

SAR(1 g) = 0.057 W/kg; SAR(10 g) = 0.034 W/kg



0 dB = 0.0830 W/kg