

SAR Plots

- Verification Plots
- SAR Test Plots

DT&C Co., Ltd.

DUT: Dipole 2450 MHz; Type: D2450V2; Serial: D2450V2 - SN:920

Communication System: CW (0); Frequency: 2450 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2450$ MHz; $\sigma = 1.848$ S/m; $\epsilon_r = 40.717$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3930; ConvF(7.79, 7.79, 7.79); Calibrated: 7/28/2016; Electronics: DAE4 Sn1392

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: 2017-03-14; Ambient Temp: 21.9; Tissue Temp: 22.2

2450 MHz System Verification

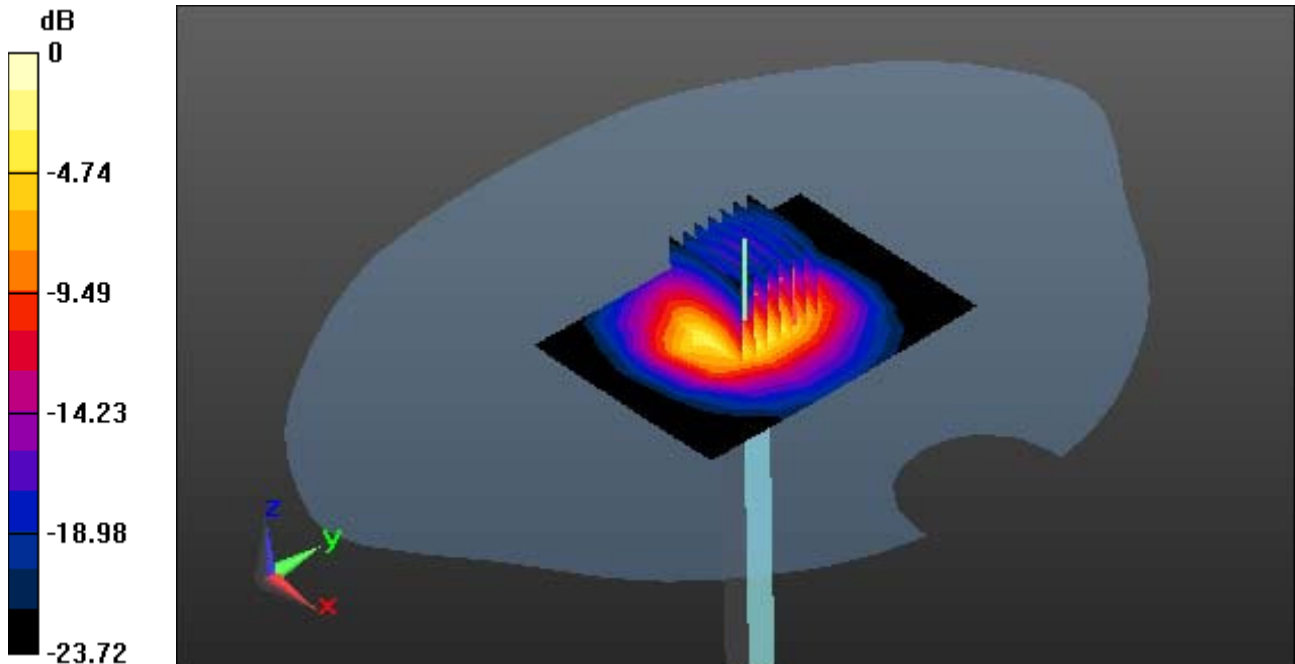
Area Scan (6x8x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.03 dB

Peak SAR (extrapolated) = 27.0 W/kg

SAR(1 g) = 12.5 W/kg; SAR(10 g) = 5.76 W/kg



DT&C Co., Ltd.

DUT: SP39; Type: X1

Communication System: Bluetooth (0); Frequency: 2441 MHz; Duty Cycle: 1:1.30017

Medium parameters used: $f = 2441$ MHz; $\sigma = 1.836$ S/m; $\epsilon_r = 40.727$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3930; ConvF(7.79, 7.79, 7.79); Calibrated: 7/28/2016; Electronics: DAE4 Sn1392

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: 2017-03-14; Ambient Temp: 21.9; Tissue Temp: 22.2

Touch from Body, Rear, Bluetooth 1Mbps Ch. 39, Ant Internal

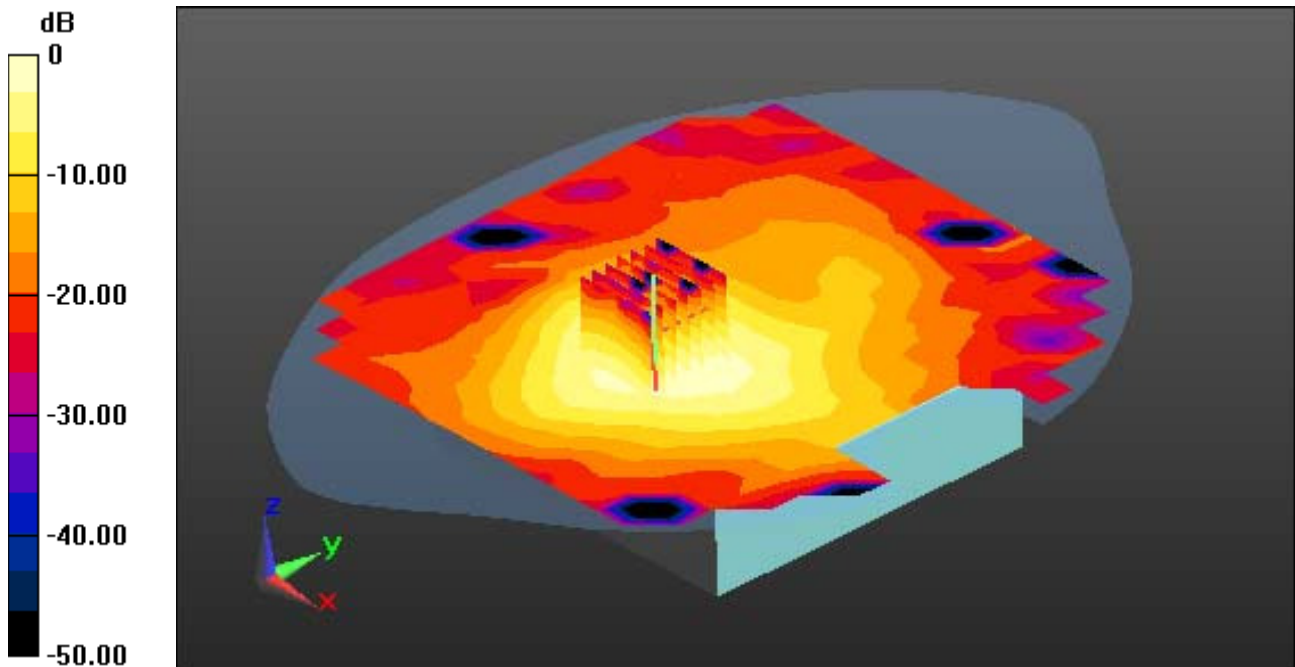
Area Scan (17x17x1): Measurement grid: dx=12mm, dy=12mm

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

Power Drift = 0.14 dB

Peak SAR (extrapolated) = 0.305 W/kg

SAR(1 g) = 0.157 W/kg; SAR(10 g) = 0.082 W/kg



0 dB = 0.227 W/kg

DT&C Co., Ltd.

DUT: SP39; Type: X1

Communication System: Bluetooth (0); Frequency: 2441 MHz; Duty Cycle: 1:1.30017

Medium parameters used: $f = 2441$ MHz; $\sigma = 1.836$ S/m; $\epsilon_r = 40.727$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3930; ConvF(7.79, 7.79, 7.79); Calibrated: 7/28/2016; Electronics: DAE4 Sn1392

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: 2017-03-14; Ambient Temp: 21.9; Tissue Temp: 22.2

Touch from Body, Rear, Bluetooth 1Mbps Ch. 39, Ant Internal

With Enlarge Plot image

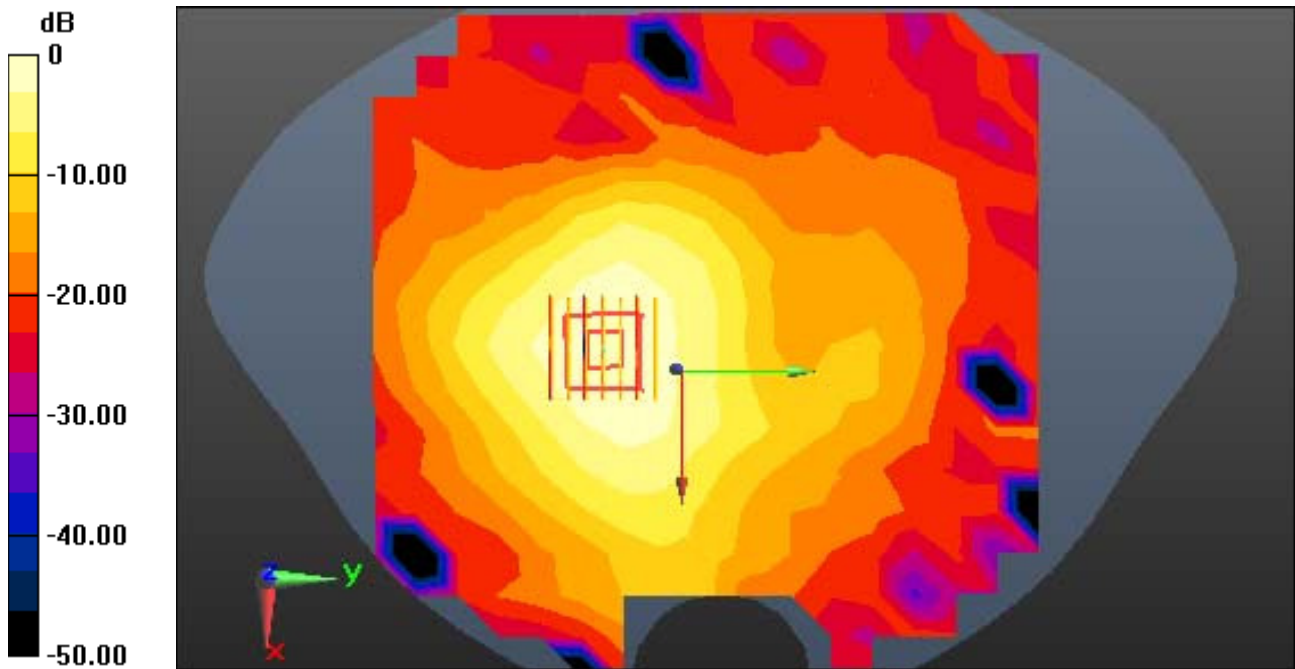
Area Scan (17x17x1): Measurement grid: dx=12mm, dy=12mm

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

Power Drift = 0.14 dB

Peak SAR (extrapolated) = 0.305 W/kg

SAR(1 g) = 0.157 W/kg; SAR(10 g) = 0.082 W/kg



0 dB = 0.227 W/kg

DT&C Co., Ltd.

DUT: SP39; Type: X1

Communication System: Bluetooth (0); Frequency: 2441 MHz; Duty Cycle: 1:1.30017

Medium parameters used: $f = 2441$ MHz; $\sigma = 1.836$ S/m; $\epsilon_r = 40.727$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3930; ConvF(7.79, 7.79, 7.79); Calibrated: 7/28/2016; Electronics: DAE4 Sn1392

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: 2017-03-14; Ambient Temp: 21.9; Tissue Temp: 22.2

Touch from Body, Rear, Bluetooth 1Mbps Ch. 39, Ant Internal

Area Scan (17x17x1): Measurement grid: dx=12mm, dy=12mm

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

Power Drift = 0.14 dB

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