

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; $\sigma = 1.985$ S/m; $\epsilon_r = 51.06$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3930; ConvF(7.9, 7.9, 7.9); Calibrated: 7/26/2017; Electronics: DAE4 Sn1335
Sensor-Surface: 2mm (Mechanical Surface Detection)
Phantom: ELI v5.0_2017_03_08; Type: QDIVA001BB; Serial: 1223
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2018-05-16; Ambient Temp: 20.1; Tissue Temp: 20.7

2450 MHz System Verification

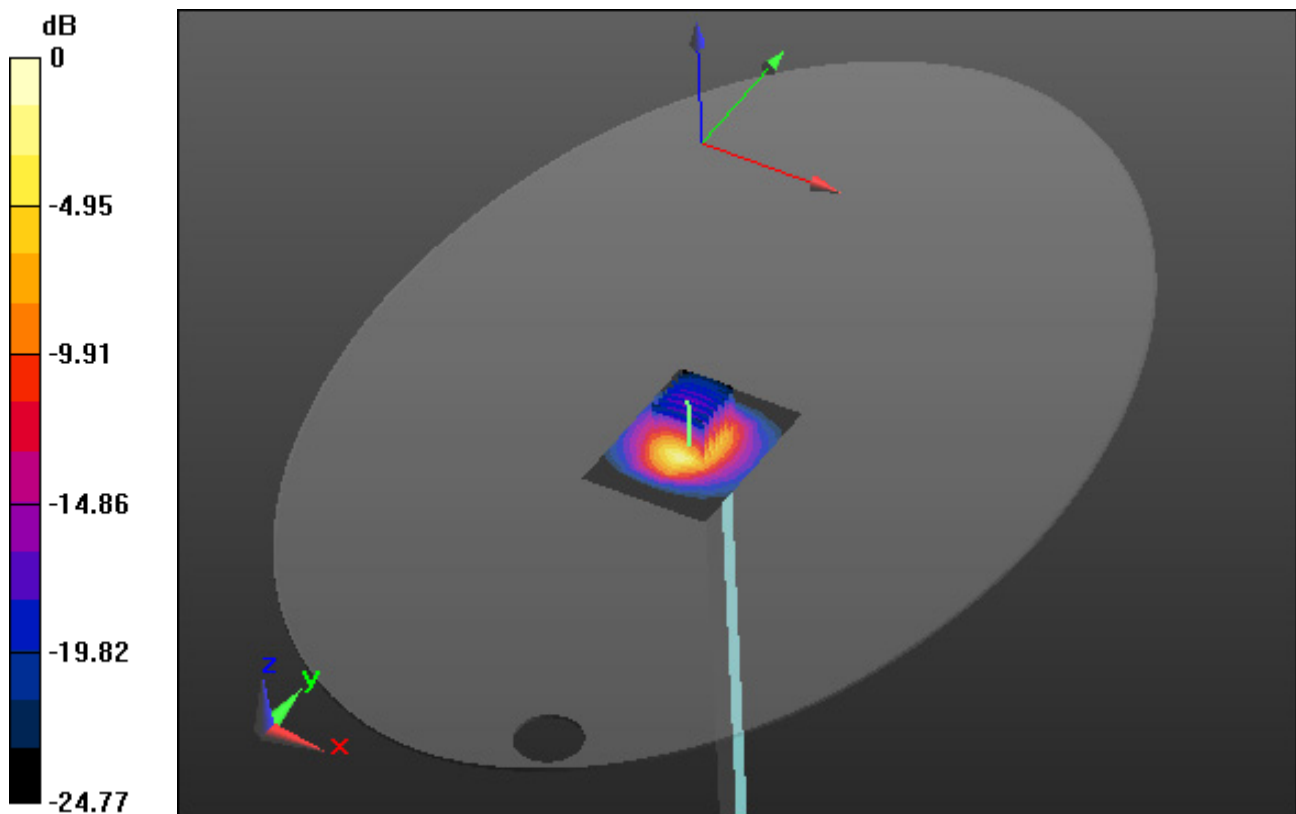
Area Scan (7x9x1): Measurement grid: dx=12mm, dy=12mm

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

Power Drift = -0.18 dB

Peak SAR (extrapolated) = 11.2 W/kg

SAR(1 g) = 5.32 W/kg; SAR(10 g) = 2.44 W/kg



0 dB = 8.41 W/kg

DT&C Co., Ltd.

DUT: KC-T301DT; Type: Tablet

Communication System: UID 0, 2.4 GHz W-LAN (0); Frequency: 2437 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 2437 \text{ MHz}$; $\sigma = 1.97 \text{ S/m}$; $\epsilon_r = 51.106$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3930; ConvF(7.9, 7.9, 7.9); Calibrated: 7/26/2017; Electronics: DAE4 Sn1335
Sensor-Surface: 2mm (Mechanical Surface Detection)
Phantom: ELI v5.0_2017_03_08; Type: QDIVA001BB; Serial: 1223
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2018-05-16; Ambient Temp: 20.1; Tissue Temp: 20.7

Touch from Body, Rear, WLAN(802.11b) Ch. 6, Ant Internal

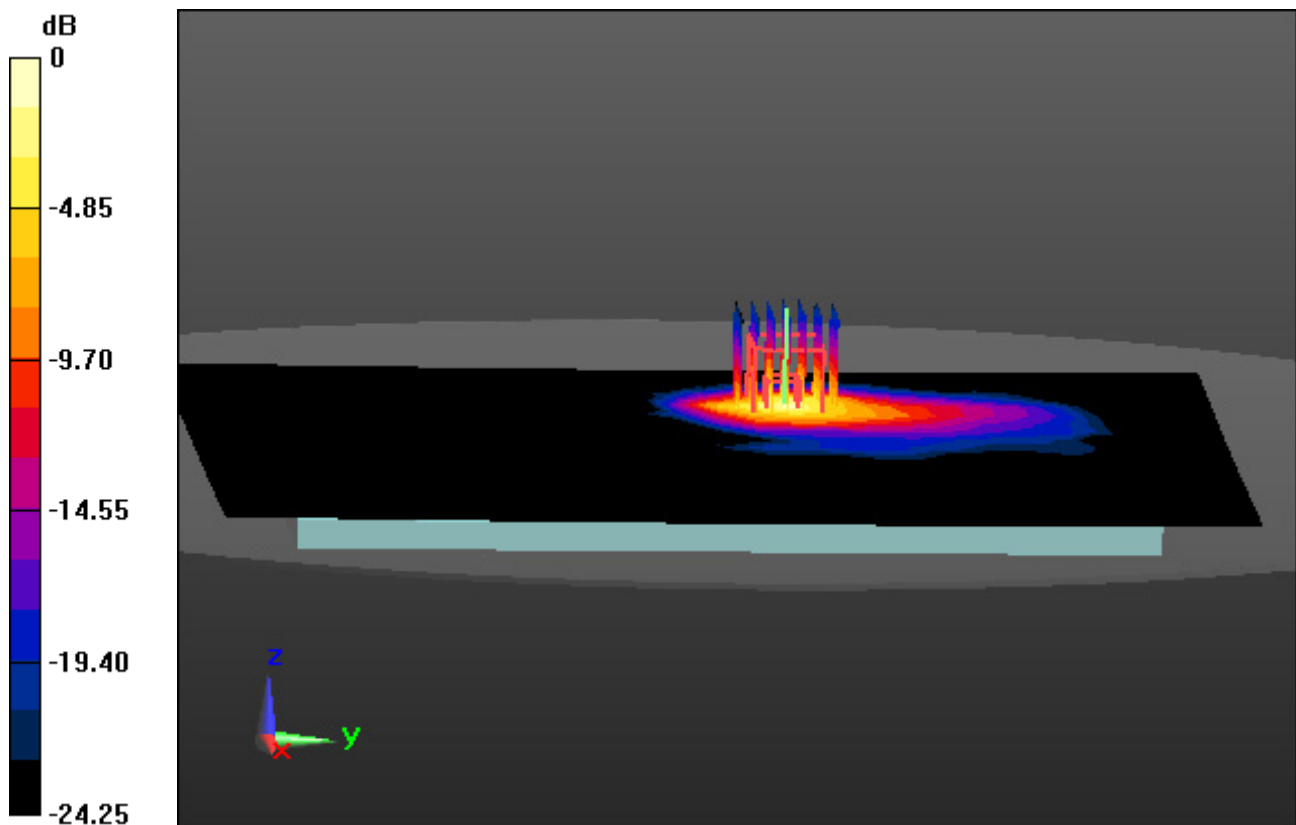
Area Scan (20x28x1): Measurement grid: $dx=12\text{mm}$, $dy=12\text{mm}$

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

Power Drift = 0.04 dB

Peak SAR (extrapolated) = 1.96 W/kg

SAR(1 g) = 0.774 W/kg; SAR(10 g) = 0.331 W/kg



0 dB = 1.31 W/kg

DT&C Co., Ltd.

DUT: KC-T301DT; Type: Tablet

Communication System: UID 0, Bluetooth (0); Frequency: 2480 MHz; Duty Cycle: 1:1.3

Medium parameters used: $f = 2480 \text{ MHz}$; $\sigma = 2.017 \text{ S/m}$; $\epsilon_r = 50.948$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3930; ConvF(7.9, 7.9, 7.9); Calibrated: 7/26/2017; Electronics: DAE4 Sn1335

Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: ELI v5.0_2017_03_08; Type: QDIVA001BB; Serial: 1223

Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2018-05-16; Ambient Temp: 20.1; Tissue Temp: 20.7

Touch from Body, Rear, Bluetooth 1M Ch. 78, Ant Internal

Area Scan (20x28x1): 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 = -0.01 dB

Peak SAR (extrapolated) = 0.765 W/kg

SAR(1 g) = 0.291 W/kg; SAR(10 g) = 0.124 W/kg

