

SAR Plots

- Verification Plots
- SAR Test Plots

DT&C Co., Ltd.

DUT: D2450V2 - SN726; Type: D2450V2; Serial: SN726

Communication System: UID 0, CW (0); Frequency: 2450 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 2450$ MHz; $\sigma = 1.798$ S/m; $\epsilon_r = 38.867$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN7337; ConvF(7.66, 7.66, 7.66) @ 2450 MHz; Calibrated: 2018-11-22
Electronics: DAE4 Sn1394

Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: SAM_Right 20170922; Type: QD000P40CD; Serial: 1895

Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7450)

Test Date: 2019-10-04; Ambient Temp: 21.8; Tissue Temp: 21.7

2450 MHz System Verification (100 mW)

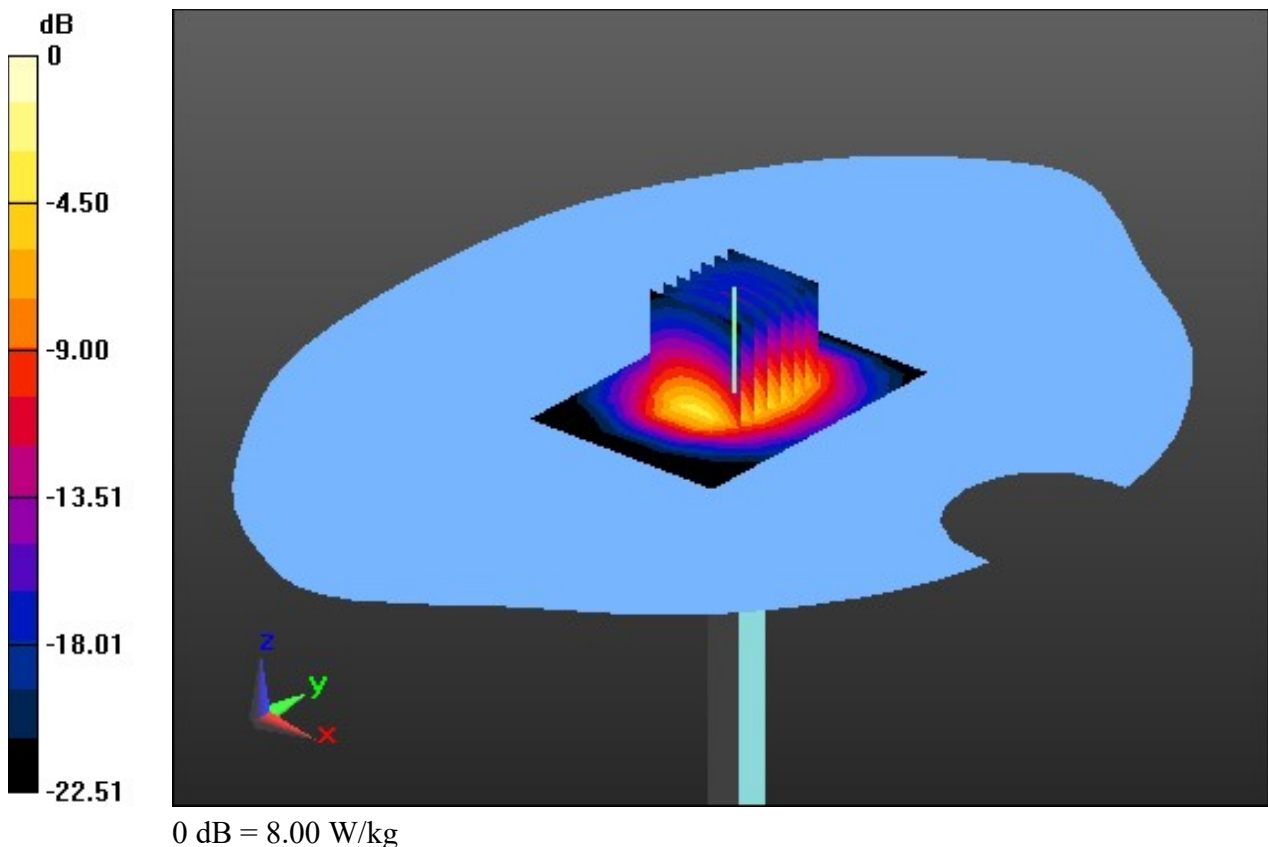
Area Scan (6x8x1): Measurement grid: dx=12mm, dy=12mm

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

Power Drift = 0.03 dB

Peak SAR (extrapolated) = 10.9 W/kg

SAR(1 g) = 5.18 W/kg; SAR(10 g) = 2.38 W/kg



DT&C Co., Ltd.

DUT: M3 SM15; Type: PDA

Communication System: UID 0, WLAN (0); Frequency: 2437 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 2437$ MHz; $\sigma = 1.783$ S/m; $\epsilon_r = 38.884$; $\rho = 1000$ kg/m³
Phantom section: Left Section

DASY5 Configuration:

Probe: EX3DV4 - SN7337; ConvF(7.66, 7.66, 7.66) @ 2437 MHz; Calibrated: 2018-11-22;
Electronics: DAE4 Sn1394

Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: SAM_Right_20170922; Type: QD000P40CD; Serial: 1895

Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7450)

Test Date: 2019-10-04; Ambient Temp: 21.8; Tissue Temp: 21.7

Left Touch, W-LAN(802.11b) Ch. 6, Ant Internal, Standard Battery

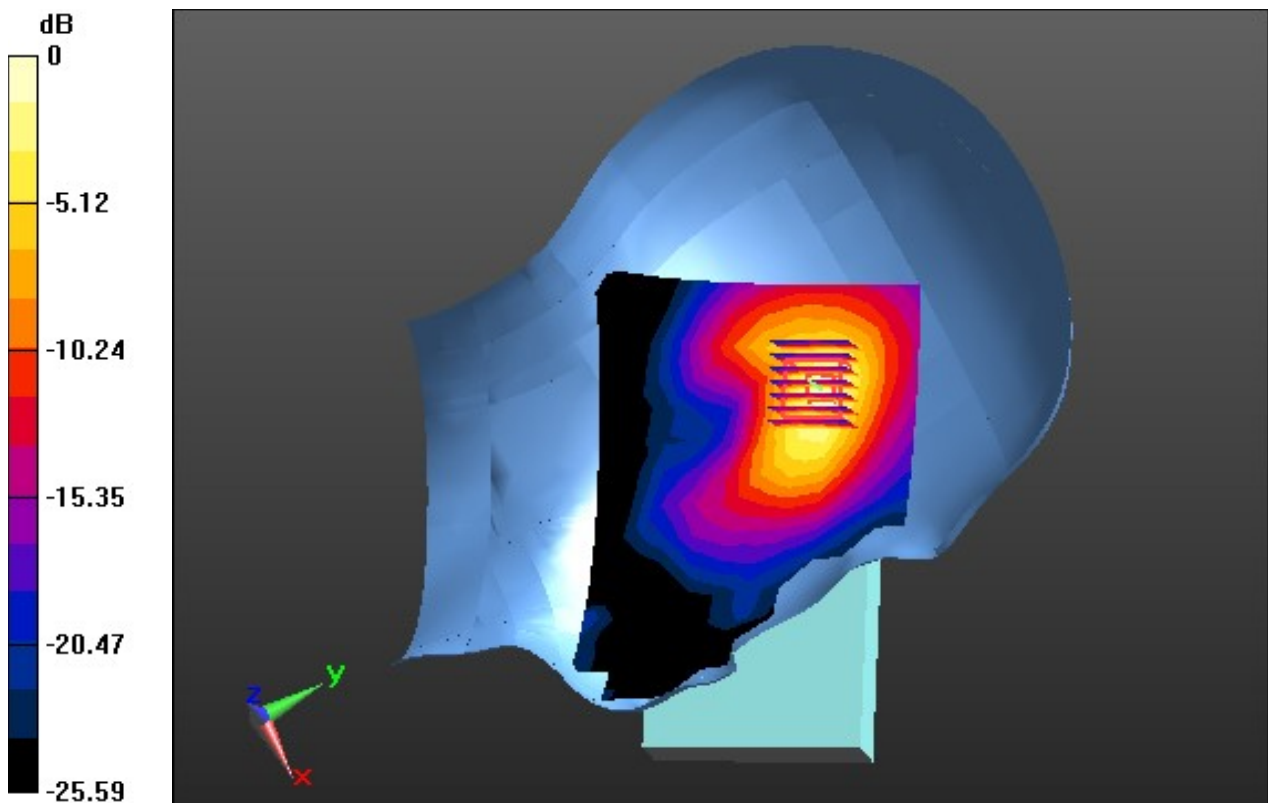
Area Scan (11x16x1): Measurement grid: dx=12mm, dy=12mm

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

Power Drift = 0.03 dB

Peak SAR (extrapolated) = 1.53 W/kg

SAR(1 g) = 0.781 W/kg; SAR(10 g) = 0.364 W/kg



0 dB = 1.17 W/kg

DT&C Co., Ltd.

DUT: M3 SM15; Type: PDA

Communication System: UID 0, WLAN (0); Frequency: 2412 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 2412$ MHz; $\sigma = 1.752$ S/m; $\epsilon_r = 38.961$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN7337; ConvF(7.66, 7.66, 7.66) @ 2412 MHz; Calibrated: 2018-11-22;
Electronics: DAE4 Sn1394

Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: SAM_Right_20170922; Type: QD000P40CD; Serial: 1895

Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7450)

Test Date: 2019-10-04; Ambient Temp: 21.8; Tissue Temp: 21.7

Touch from Body, Front, W-LAN(802.11b) Ch. 1, Ant. Internal

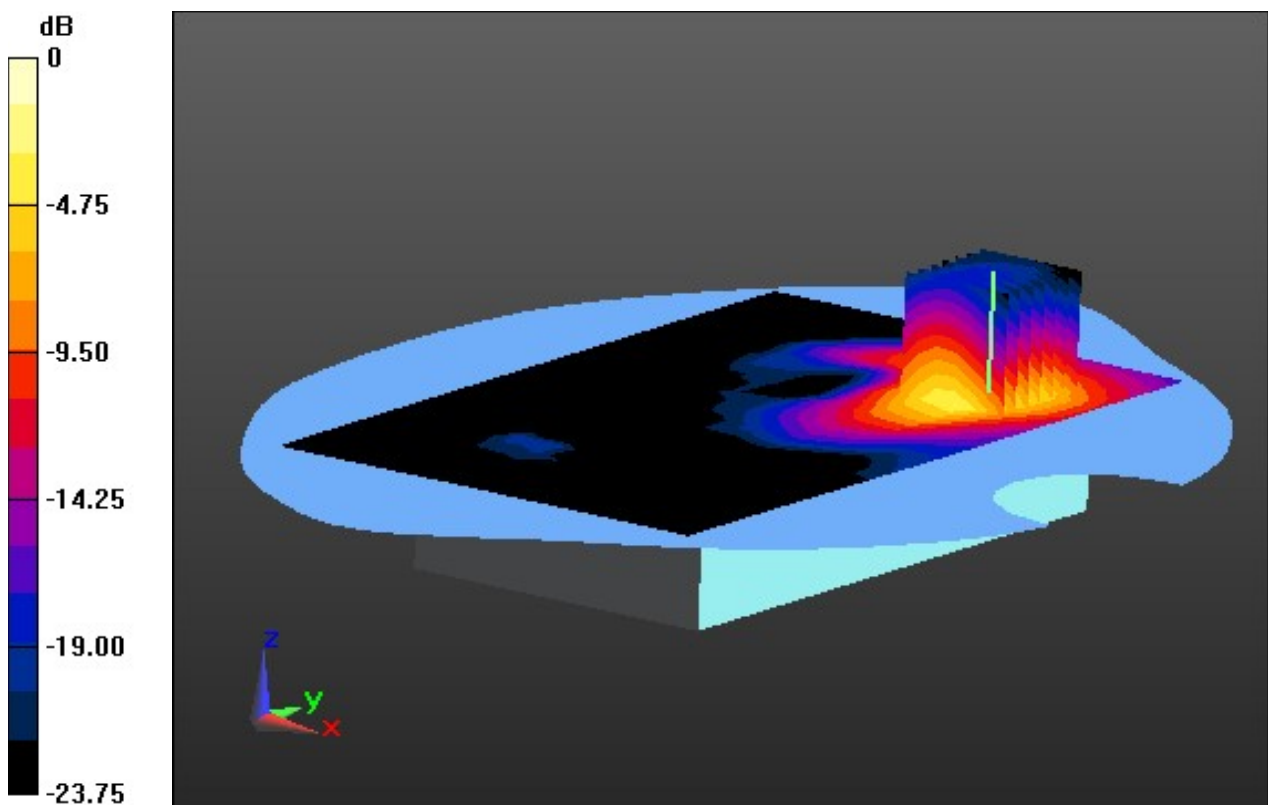
Area Scan (11x18x1): Measurement grid: $dx=12$ mm, $dy=12$ mm

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

Power Drift = 0.13 dB

Peak SAR (extrapolated) = 1.98 W/kg

SAR(1 g) = 0.942 W/kg; SAR(10 g) = 0.417 W/kg



0 dB = 1.49 W/kg