

SAR Plots

- Verification Plots
- SAR Test Plots

Dt&C Co., Ltd.

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

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

Medium parameters used: $f = 2450$ MHz; $\sigma = 1.819$ S/m; $\epsilon_r = 38.246$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3933; ConvF(8.13, 8.13, 8.13); Calibrated: 9/27/2022 Electronics: DAE4 Sn1396

Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: SAM with CRP v5.0(Right); Type: QD000P40CD; Serial: 1220

Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2023-04-20; Ambient Temp: 21.5; Tissue Temp: 21.3

2 450 MHz System Verification (100 mW)

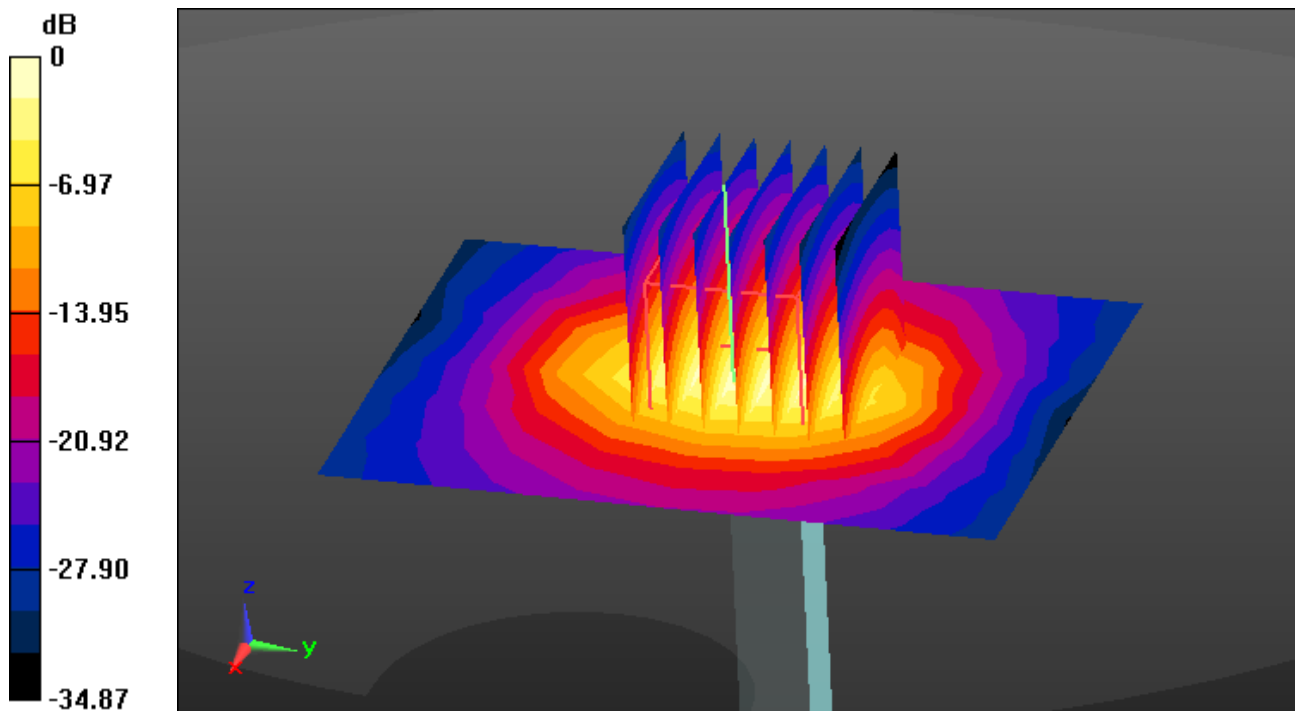
Area Scan (7x9x1): Measurement grid: dx=12mm, dy=12mm

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

Power Drift = 0.00 dB

Peak SAR (extrapolated) = 12.1 W/kg

SAR(1 g) = 5.22 W/kg; SAR(10 g) = 2.45 W/kg



0 dB = 8.66 W/kg

Dt&C Co., Ltd.

DUT: NS1-H20B; Type: NIRSIT

Communication System: UID 0, W-LAN (0); Frequency: 2437 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 2437$ MHz; $\sigma = 1.805$ S/m; $\epsilon_r = 38.291$; $\rho = 1000$ kg/m³
Phantom section: Right Section

DASY5 Configuration:

Probe: EX3DV4 - SN3933; ConvF(8.13, 8.13, 8.13) @ 2437 MHz; Calibrated: 9/27/2022 Electronics: DAE4 Sn1396
Sensor-Surface: 2mm (Mechanical Surface Detection)
Phantom: SAM with CRP v5.0(Right); Type: QD000P40CD; Serial: 1220
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2023-04-20; Ambient Temp: 21.5; Tissue Temp: 21.3

Right Head, W-LAN(802.11g) Ch. 6, Ant Internal, Standard Battery

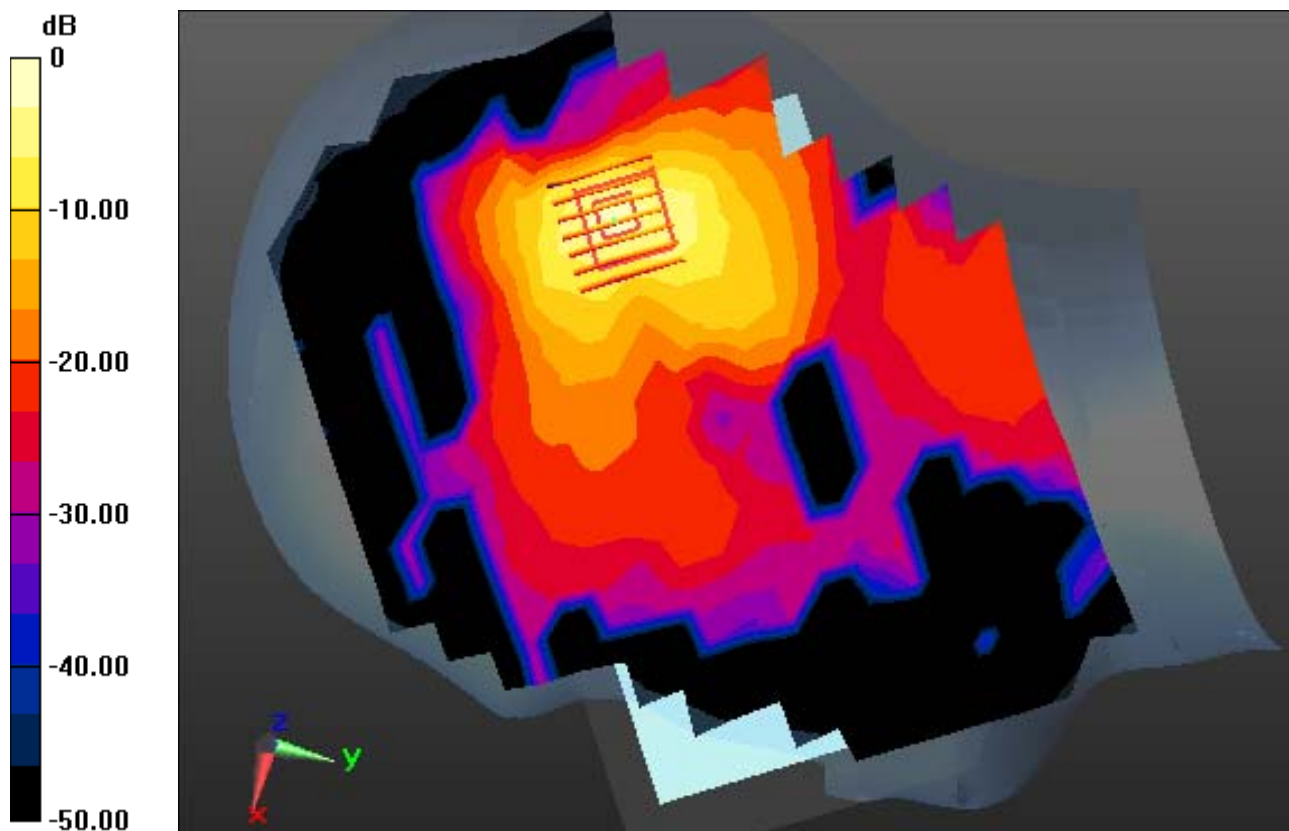
Area Scan (17x19x1): Measurement grid: dx=12mm, dy=12mm

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

Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.595 W/kg

SAR(1 g) = 0.216 W/kg; SAR(10 g) = 0.082 W/kg



0 dB = 0.388 W/kg

Dt&C Co., Ltd.

DUT: NS1-H20B; Type: NIRSIT

Communication System: UID 0, W-LAN (0); Frequency: 2437 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2437$ MHz; $\sigma = 1.805$ S/m; $\epsilon_r = 38.291$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY5 Configuration:

Probe: EX3DV4 - SN3933; ConvF(8.13, 8.13, 8.13) @ 2437 MHz; Calibrated: 9/27/2022 Electronics: DAE4 Sn1396

Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: SAM with CRP v5.0(Right); Type: QD000P40CD; Serial: 1220

Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2023-04-20; Ambient Temp: 21.5; Tissue Temp: 21.3

Touch from Body, Right, WLAN(802.11g) Ch. 6 Ant Internal

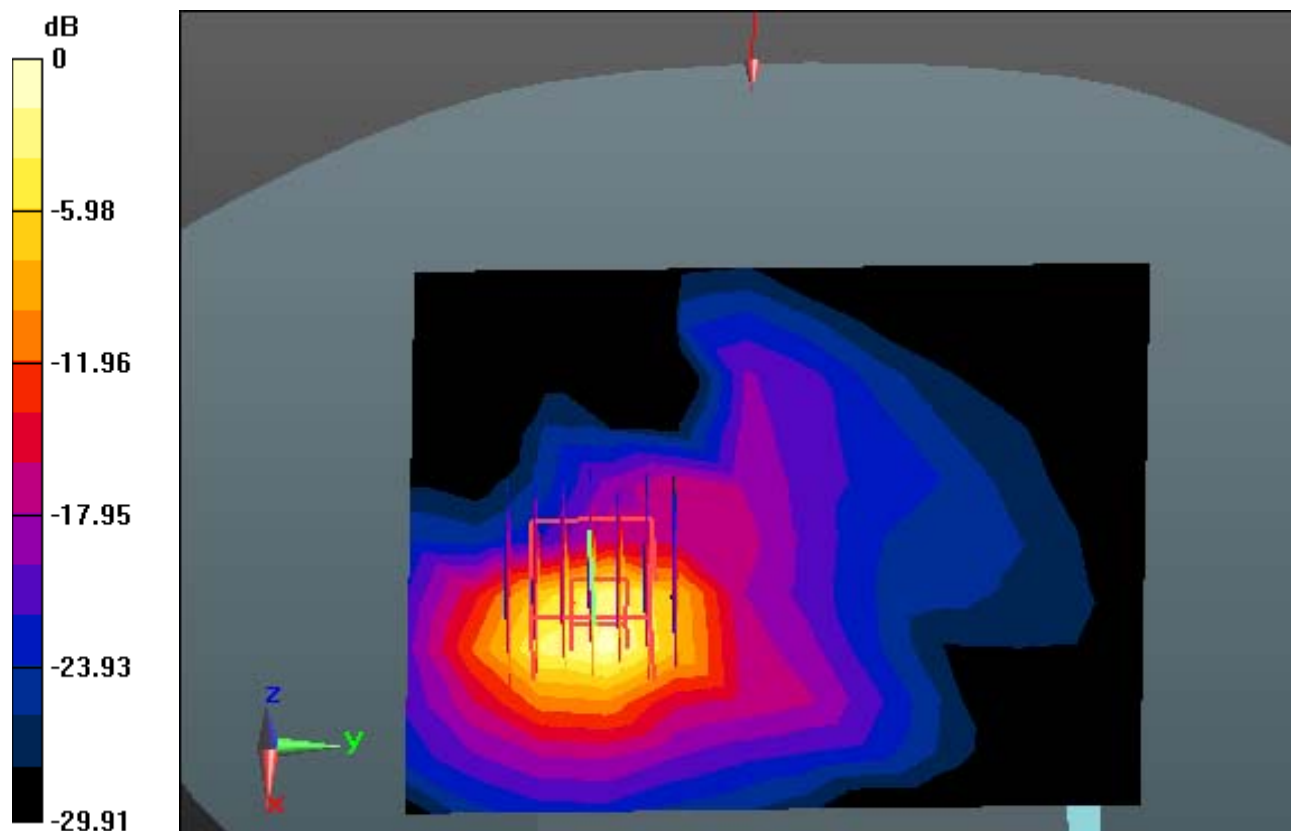
Area Scan (11x12x1): Measurement grid: $dx=12$ mm, $dy=12$ mm

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

Power Drift = 0.05 dB

Peak SAR (extrapolated) = 1.99 W/kg

SAR(1 g) = 0.802 W/kg; SAR(10 g) = 0.368 W/kg



0 dB = 1.37 W/kg