

SAR Plots

- Verification Plots
- SAR Test Plots

DT&C Co., Ltd.

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

Communication System: CW; Frequency: 2450 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2450$ MHz; $\sigma = 1.789$ S/m; $\epsilon_r = 38.192$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN7337; ConvF(7.38, 7.38, 7.38); Calibrated: 11/24/2015; Electronics: DAE4 Sn1394

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: 2016-11-01; Ambient Temp: 20.9; Tissue Temp: 21.3

2450 MHz System Verification

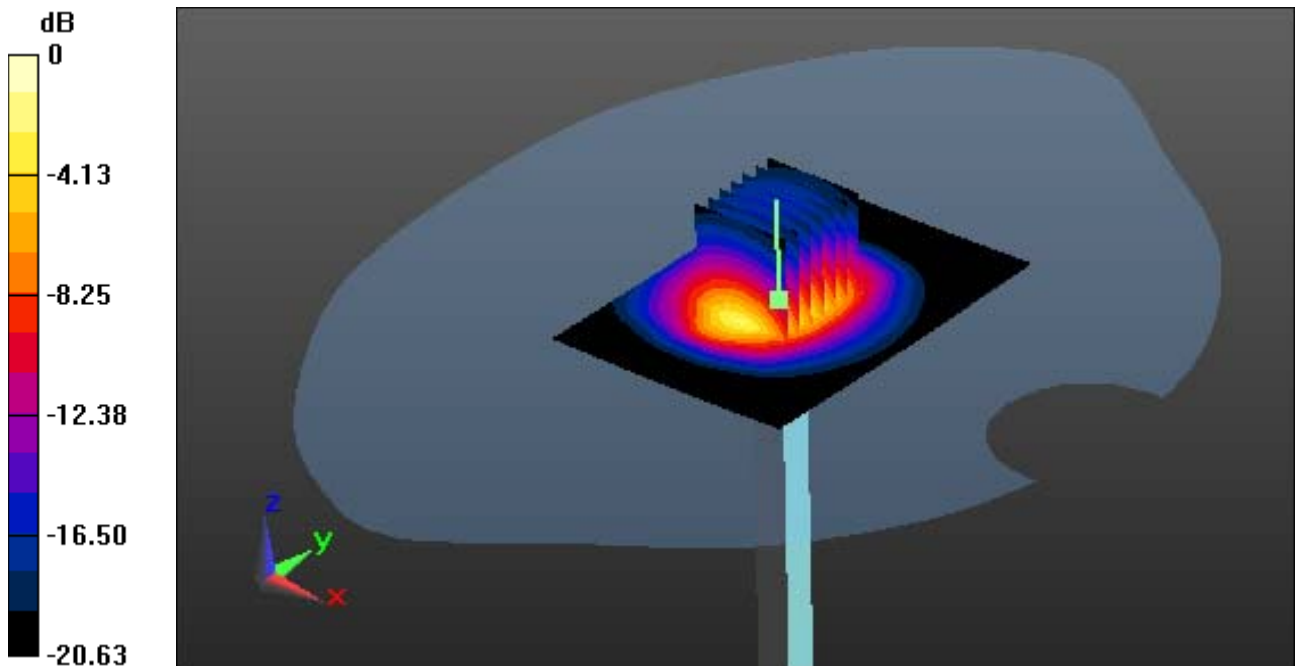
Area Scan (51x71x1): Interpolated grid: dx=15 mm, dy=15 mm

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

Power Drift = 0.03 dB

Peak SAR (extrapolated) = 22.0 W/kg

SAR(1 g) = 12.8 W/kg; SAR(10 g) = 5.93 W/kg



0 dB = 15.6 W/kg

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2450 MHz System Verification

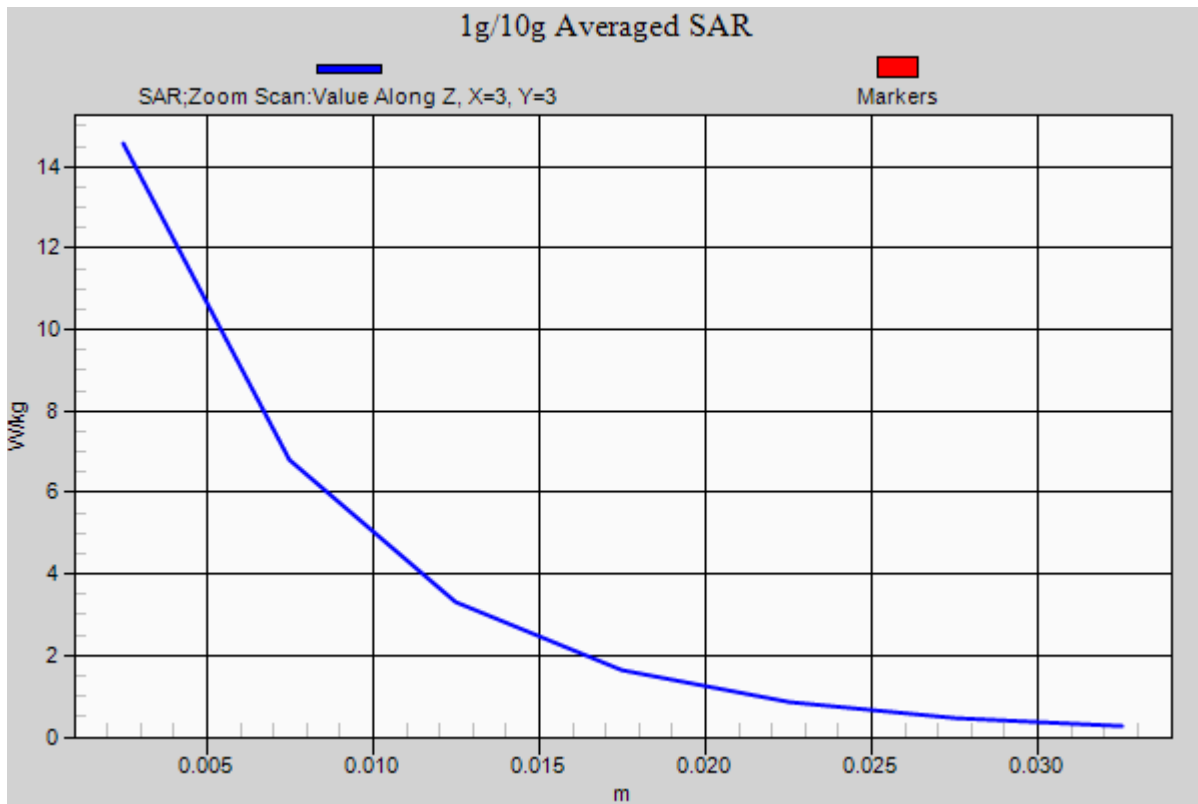
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DT&C Co., Ltd.

DUT: SP31; Type: Headset

Communication System: Bluetooth (0); Frequency: 2480 MHz; Duty Cycle: 1:1.3039
Medium parameters used: $f = 2480$ MHz; $\sigma = 1.822$ S/m; $\epsilon_r = 38.101$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(7.17, 7.17, 7.17); Calibrated: 6/29/2016; Electronics: DAE4 Sn1394
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: 2016-11-01; Ambient Temp: 20.9; Tissue Temp: 21.3

1.0 cm space from Body, Front, Bluetooth 1Mbps Ch. 78, Ant Internal

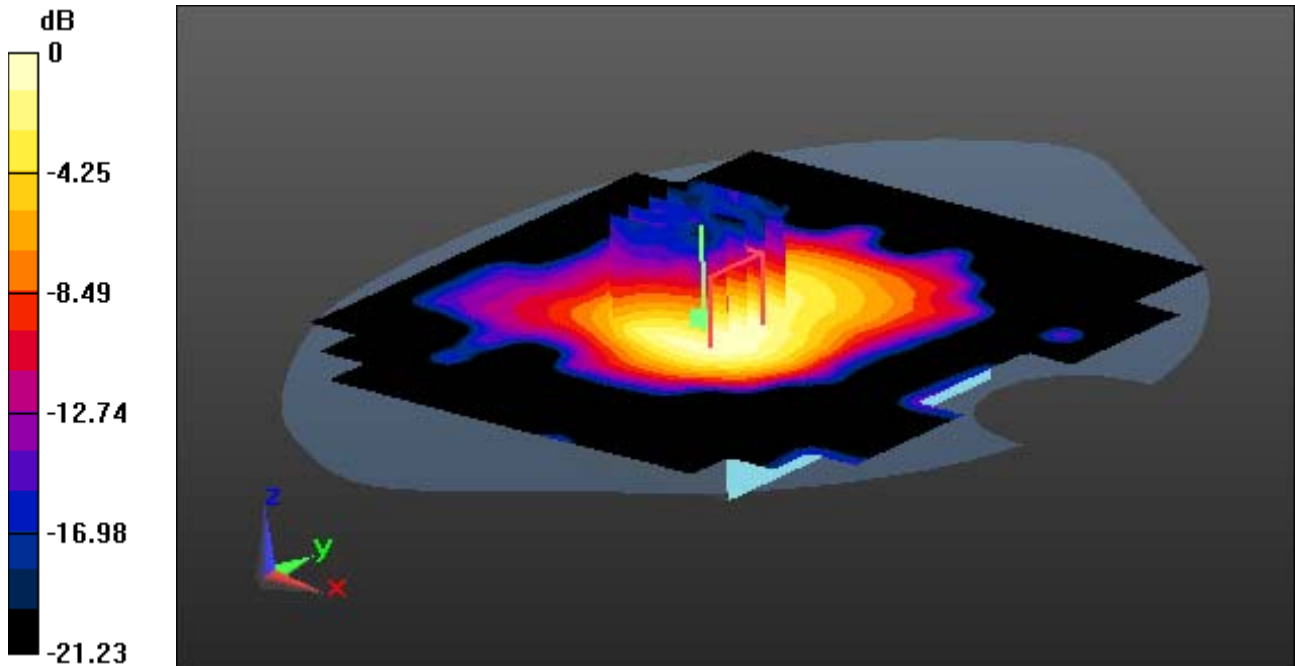
Area Scan (131x131x1): Interpolated grid: dx=15 mm, dy=15 mm

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.171 W/kg

SAR(1 g) = 0.085 W/kg; SAR(10 g) = 0.046 W/kg



0 dB = 0.121 W/kg

DT&C Co., Ltd.

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Phantom section: Flat Section

DASY5 Configuration:

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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: 2016-11-01; Ambient Temp: 20.9; Tissue Temp: 21.3

1.0 cm space from Body, Front, Bluetooth 1Mbps Ch. 78, Ant Internal

With Enlarge plot image

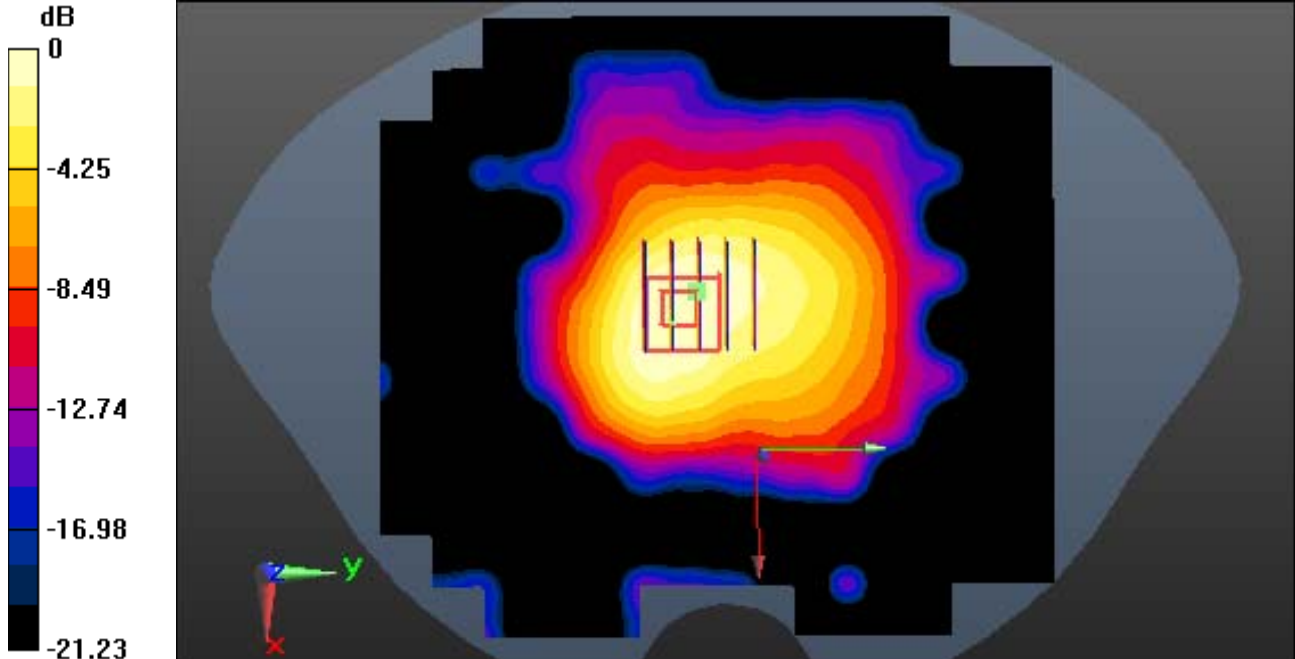
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