

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; $\sigma = 1.863$ S/m; $\epsilon_r = 38.998$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3930; ConvF(7.85, 7.85, 7.85); Calibrated: 7/26/2018; Electronics: DAE3 Sn519
Sensor-Surface: 2mm (Mechanical Surface Detection)
Phantom: ELI v5.0; Type: QDOVA002AA; Serial: 1166
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2019-05-20; Ambient Temp: 21.6; Tissue Temp: 21.7

2450 MHz System Verification (100mW)

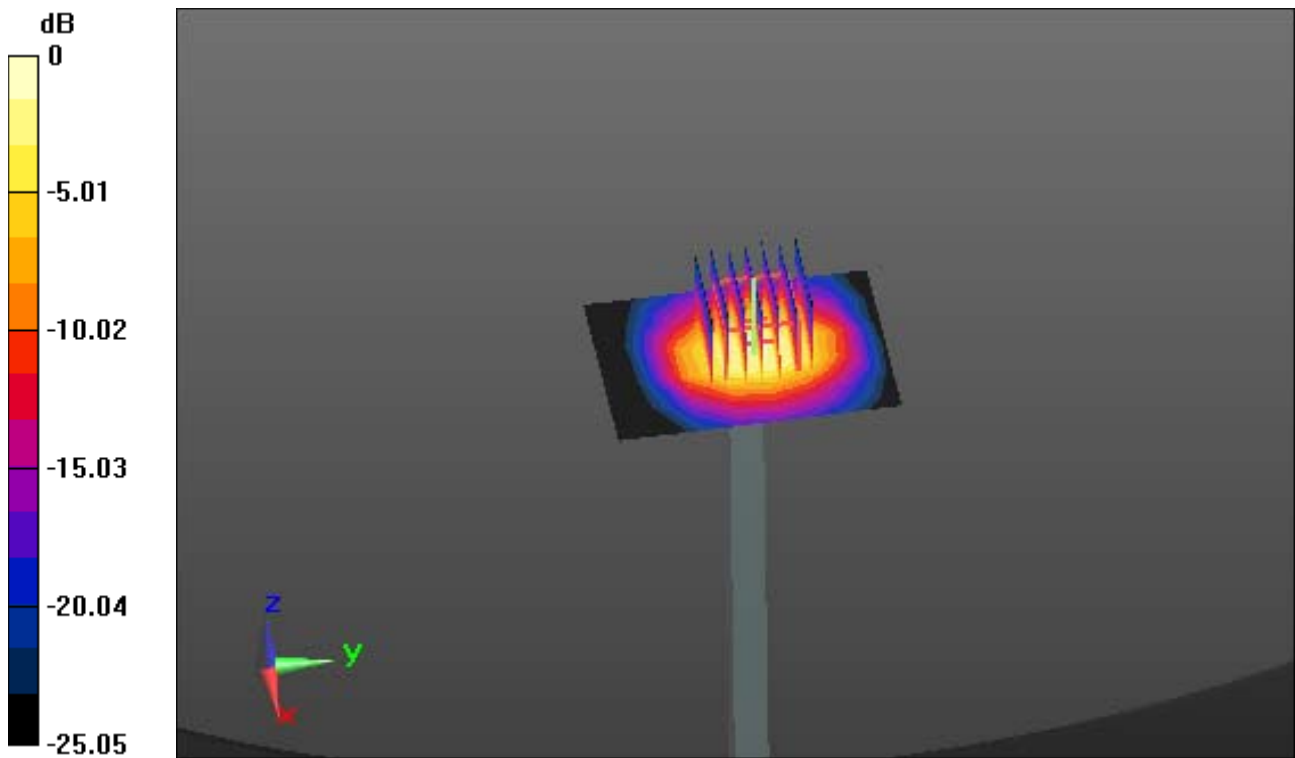
Area Scan (6x8x1): Measurement grid: dx=12mm, dy=12mm

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

Power Drift = 0.07 dB

Peak SAR (extrapolated) = 12.7 W/kg

SAR(1 g) = 5.08 W/kg; SAR(10 g) = 2.36 W/kg



0 dB = 9.16 W/kg

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; $\sigma = 1.864$ S/m; $\epsilon_r = 39.039$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3930; ConvF(7.85, 7.85, 7.85); Calibrated: 7/26/2018; Electronics: DAE3 Sn519
Sensor-Surface: 2mm (Mechanical Surface Detection)
Phantom: ELI v5.0; Type: QDOVA002AA; Serial: 1166
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2019-05-21; Ambient Temp: 21.2; Tissue Temp: 21.4

2450 MHz System Verification (100mW)

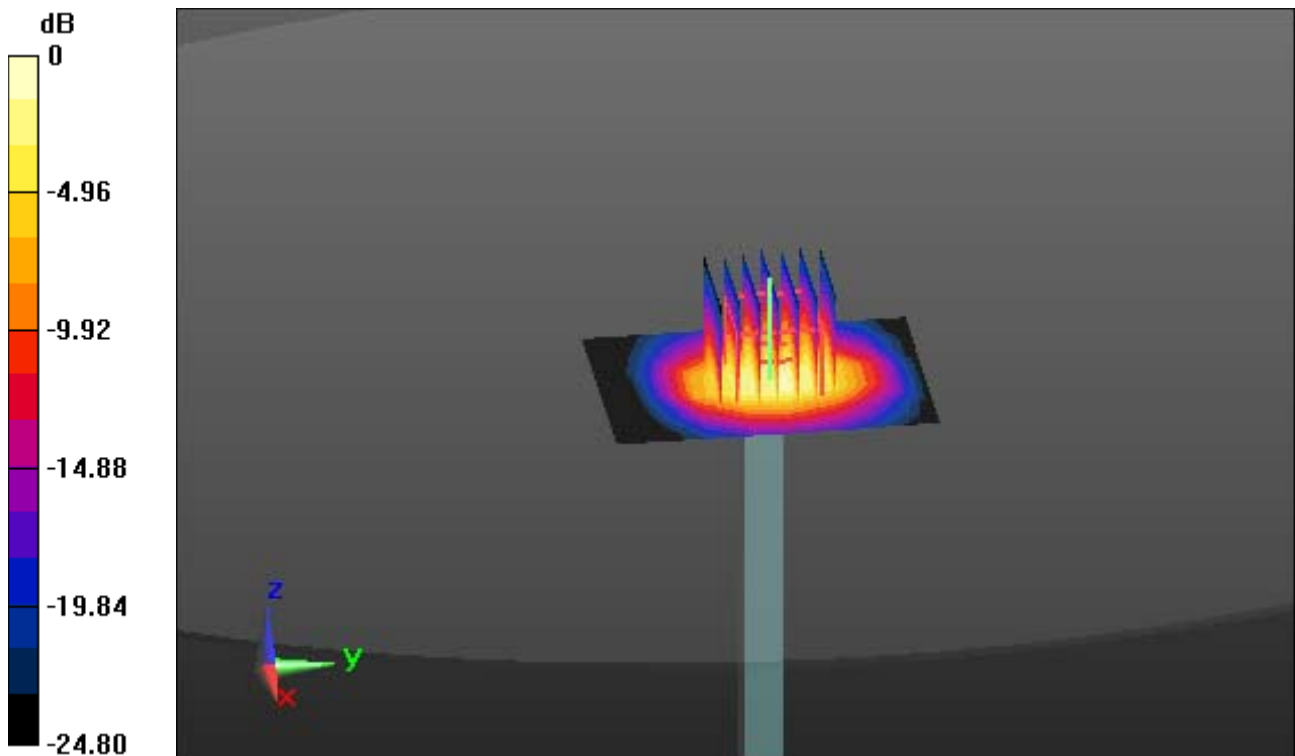
Area Scan (6x8x1): Measurement grid: dx=12mm, dy=12mm

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

Power Drift = 0.05 dB

Peak SAR (extrapolated) = 12.3 W/kg

SAR(1 g) = 5.04 W/kg; SAR(10 g) = 2.35 W/kg



0 dB = 9.11 W/kg

DT&C Co., Ltd.

DUT: TALUS; Type: USB Dongle

Communication System: UID 0, Bluetooth (0); Frequency: 2441 MHz; Duty Cycle: 1:1.302

Medium parameters used: $f = 2441$ MHz; $\sigma = 1.853$ S/m; $\epsilon_r = 39.032$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3930; ConvF(7.85, 7.85, 7.85); Calibrated: 7/26/2018; Electronics: DAE3 Sn519

Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: ELI v5.0; Type: QDOVA002AA; Serial: 1166

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

Test Date: 2019-05-20; Ambient Temp: 21.6; Tissue Temp: 21.7

0.5 cm space from Body, Rear, Bluetooth 1Mbps Ch. 39, Ant External

Ant. Model R-AN2400-1901RS

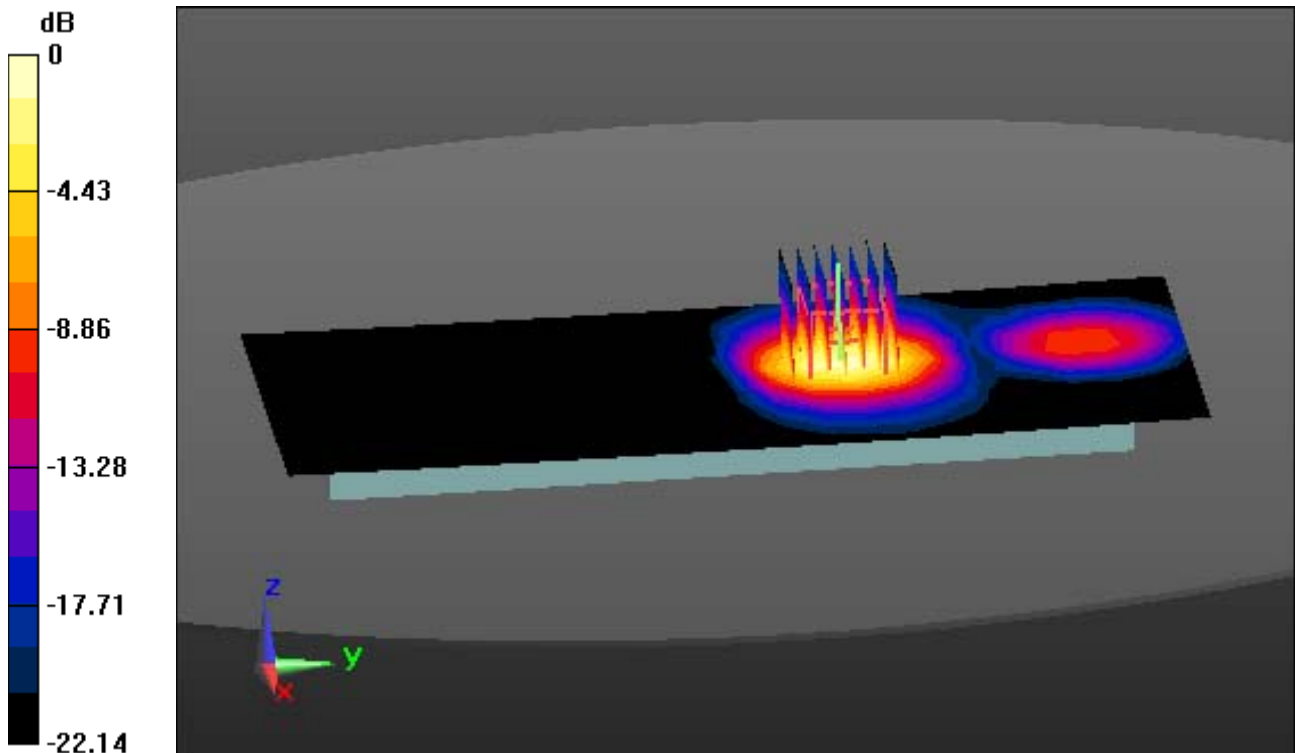
Area Scan (10x23x1): Measurement grid: $dx=12$ mm, $dy=12$ mm

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

Power Drift = 0.10 dB

Peak SAR (extrapolated) = 1.01 W/kg

SAR(1 g) = 0.467 W/kg; SAR(10 g) = 0.217 W/kg



DT&C Co., Ltd.

DUT: TALUS; Type: USB Dongle

Communication System: UID 0, Bluetooth (0); Frequency: 2441 MHz; Duty Cycle: 1:1.302

Medium parameters used: $f = 2441$ MHz; $\sigma = 1.853$ S/m; $\epsilon_r = 39.072$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3930; ConvF(7.85, 7.85, 7.85); Calibrated: 7/26/2018; Electronics: DAE3 Sn519

Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: ELI v5.0; Type: QDOVA002AA; Serial: 1166

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

Test Date: 2019-05-21; Ambient Temp: 21.2; Tissue Temp: 21.4

0.5 cm space from Body, Rear, Bluetooth 1Mbps Ch. 39, Ant External

Ant. Model R-AN2400-5801RS

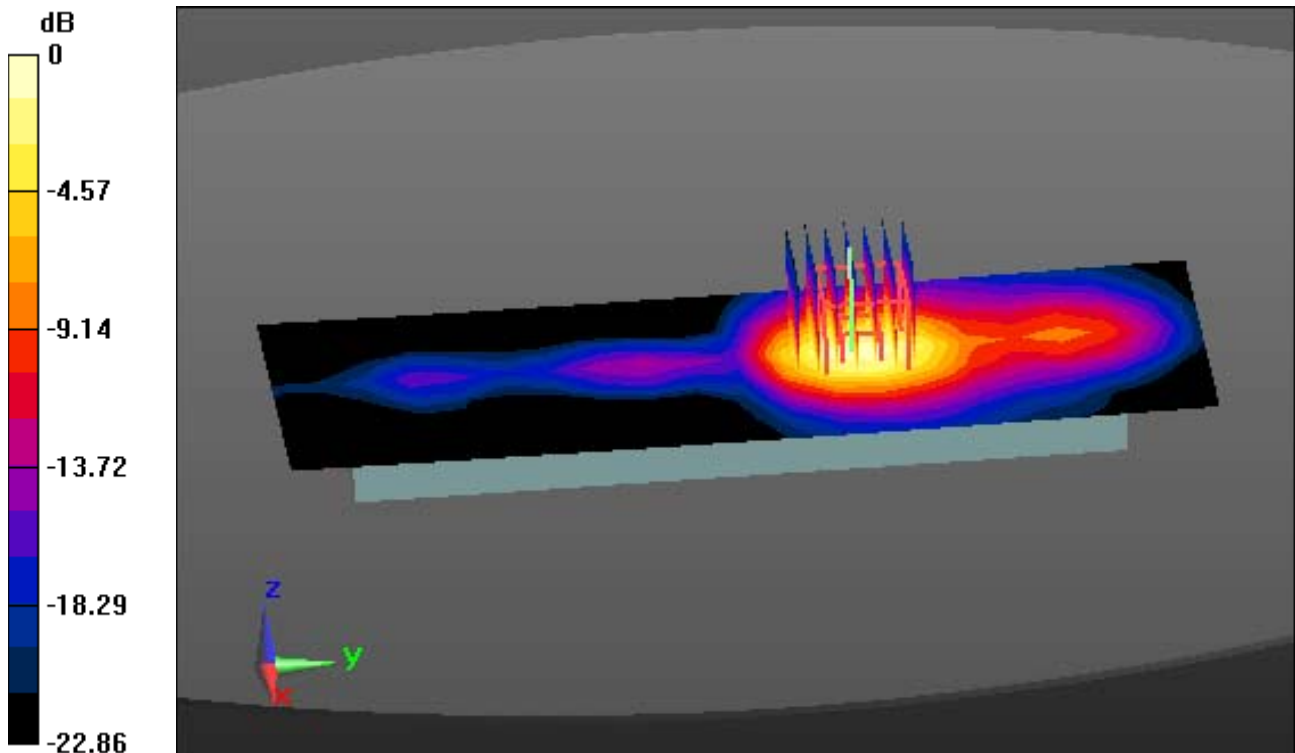
Area Scan (8x21x1): Measurement grid: $dx=12$ mm, $dy=12$ mm

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

Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.870 W/kg

SAR(1 g) = 0.399 W/kg; SAR(10 g) = 0.186 W/kg



0 dB = 0.612 W/kg

DT&C Co., Ltd.

DUT: TALUS; Type: USB Dongle

Communication System: UID 0, Bluetooth (0); Frequency: 2441 MHz; Duty Cycle: 1:1.302

Medium parameters used: $f = 2441$ MHz; $\sigma = 1.853$ S/m; $\epsilon_r = 39.032$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3930; ConvF(7.85, 7.85, 7.85); Calibrated: 7/26/2018; Electronics: DAE3 Sn519

Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: ELI v5.0; Type: QDOVA002AA; Serial: 1166

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

Test Date: 2019-05-20; Ambient Temp: 21.6; Tissue Temp: 21.7

0.5 cm space from Body, Front, Bluetooth 1Mbps Ch. 39, Ant External

Ant. Model AN2400-3306RS

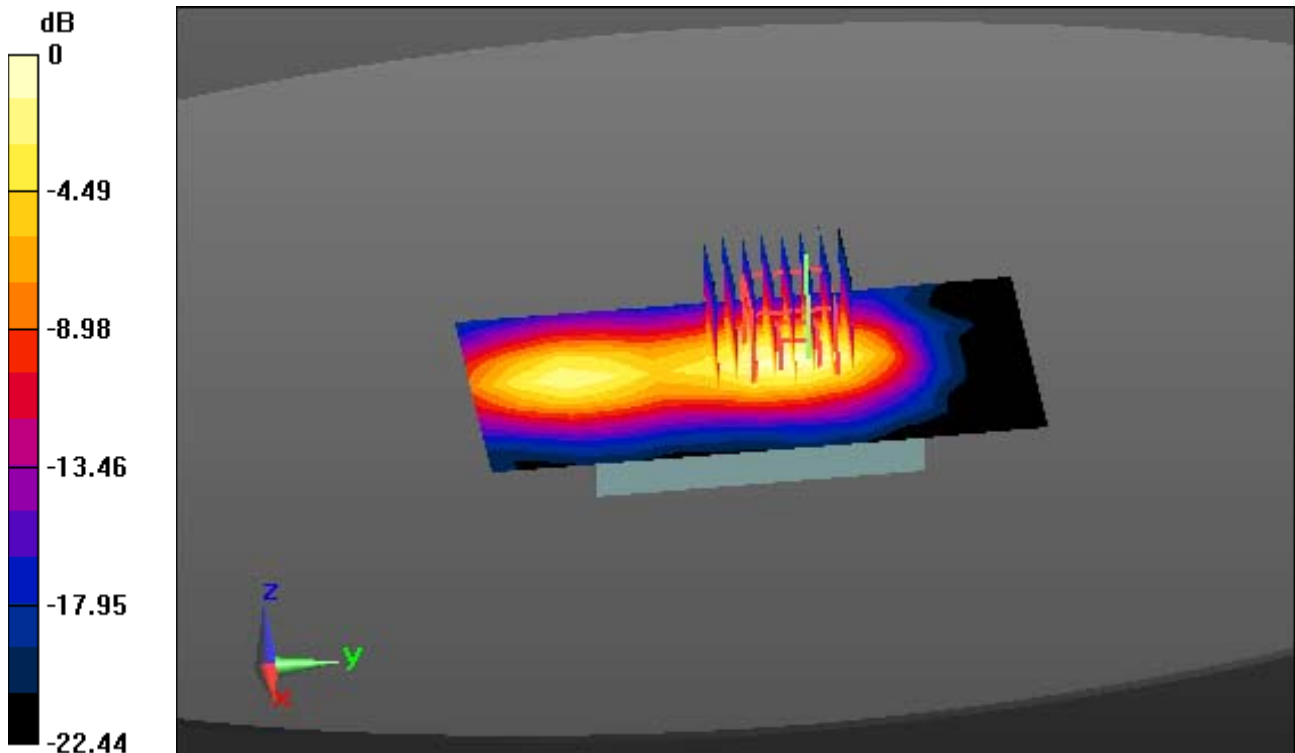
Area Scan (8x13x1): Measurement grid: dx=12mm, dy=12mm

Zoom Scan (7x8x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.587 W/kg

SAR(1 g) = 0.257 W/kg; SAR(10 g) = 0.121 W/kg



0 dB = 0.403 W/kg