

System Check_Body_2450MHz_110805

DUT: Dipole 2450 MHz

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

Medium: MSL_2450_110805 Medium parameters used: $f = 2450$ MHz; $\sigma = 1.96$ mho/m; $\epsilon_r = 51.5$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.4 °C ; Liquid Temperature : 21.4 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3754; ConvF(6.84, 6.84, 6.84); Calibrated: 2011/1/11
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2011/6/17
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Pin=250mW/Area Scan (61x61x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 15.1 mW/g

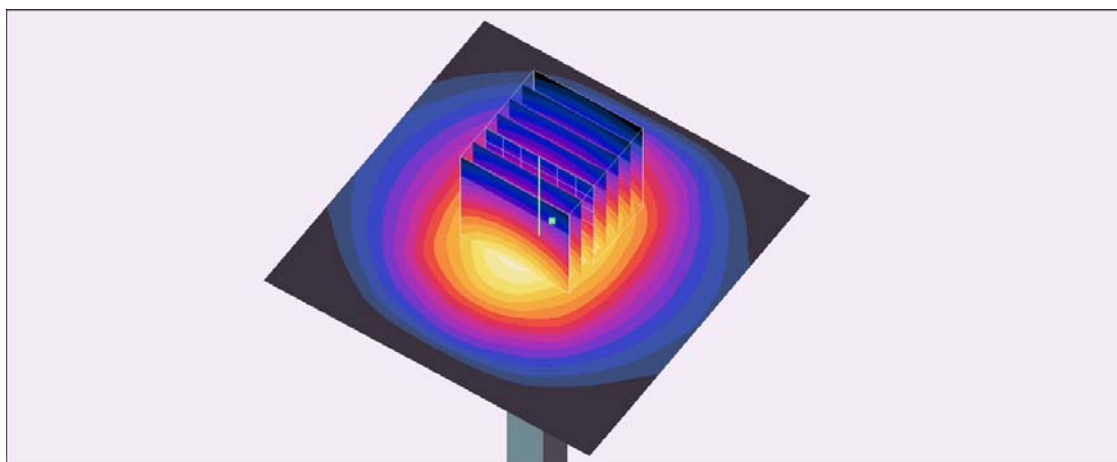
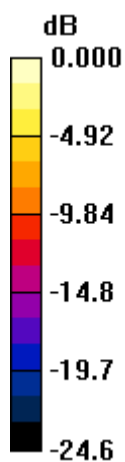
Pin=250mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 83.4 V/m; Power Drift = 0.006 dB

Peak SAR (extrapolated) = 28.0 W/kg

SAR(1 g) = 12.4 mW/g; SAR(10 g) = 5.55 mW/g

Maximum value of SAR (measured) = 13.8 mW/g



0 dB = 13.8mW/g

System Check_Body_5200MHz_110805

DUT: Dipole 5GHz

Communication System: CW; Frequency: 5200 MHz; Duty Cycle: 1:1

Medium: MSL_5G_110805 Medium parameters used: $f = 5200 \text{ MHz}$; $\sigma = 5.325 \text{ mho/m}$; $\epsilon_r = 47.518$;

$\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : $22.3 \text{ }^\circ\text{C}$; Liquid Temperature : $21.4 \text{ }^\circ\text{C}$

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(4.22, 4.22, 4.22); Calibrated: 2011/6/20
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2011/1/13
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP1127
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

Pin=250mW/Area Scan (91x91x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

Maximum value of SAR (interpolated) = 33.374 mW/g

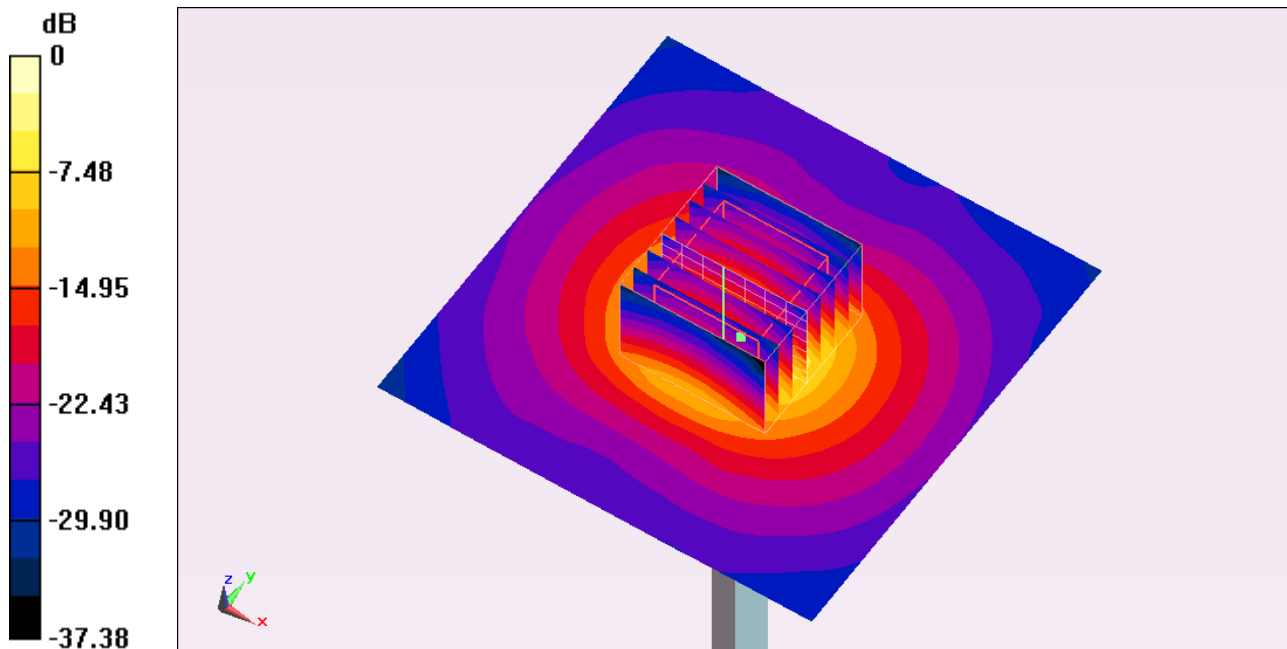
Pin=250mW/Zoom Scan (8x8x8)/Cube 0: Measurement grid: $dx=4.3\text{mm}$, $dy=4.3\text{mm}$, $dz=3\text{mm}$

Reference Value = 84.346 V/m ; Power Drift = 0.0084 dB

Peak SAR (extrapolated) = 52.075 W/kg

SAR(1 g) = 18.2 mW/g ; SAR(10 g) = 5.36 mW/g

Maximum value of SAR (measured) = 29.713 mW/g



0 dB = 29.710mW/g

System Check_Body_5500MHz_110805

DUT: Dipole 5GHz

Communication System: CW; Frequency: 5500 MHz; Duty Cycle: 1:1

Medium: MSL_5G_110805 Medium parameters used: $f = 5500 \text{ MHz}$; $\sigma = 5.723 \text{ mho/m}$; $\epsilon_r = 46.972$;

$\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : $22.4 \text{ }^\circ\text{C}$; Liquid Temperature : $21.4 \text{ }^\circ\text{C}$

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(3.76, 3.76, 3.76); Calibrated: 2011/6/20
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2011/1/13
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP1127
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

Pin=250mW/Area Scan (91x91x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

Maximum value of SAR (interpolated) = 35.636 mW/g

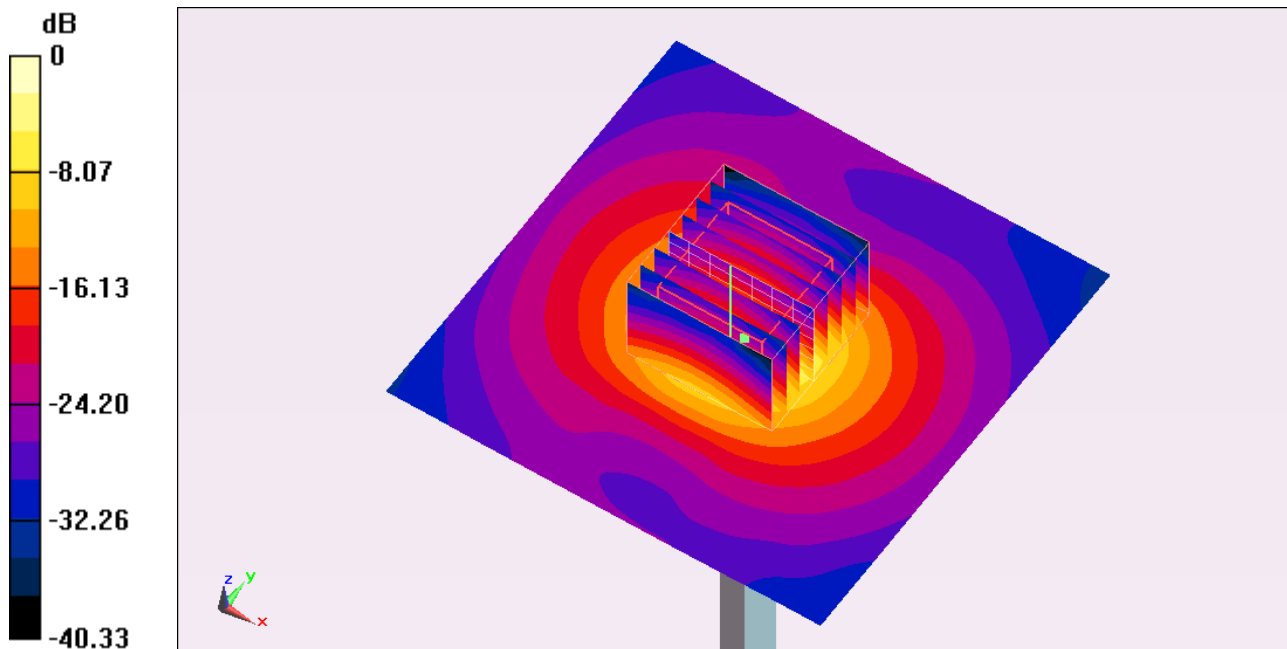
Pin=250mW/Zoom Scan (8x8x8)/Cube 0: Measurement grid: $dx=4.3\text{mm}$, $dy=4.3\text{mm}$, $dz=3\text{mm}$

Reference Value = 84.243 V/m ; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 57.978 W/kg

SAR(1 g) = 19 mW/g ; SAR(10 g) = 5.5 mW/g

Maximum value of SAR (measured) = 32.115 mW/g



0 dB = 32.120mW/g

System Check_Body_5800MHz_110805

DUT: Dipole 5GHz

Communication System: CW; Frequency: 5800 MHz; Duty Cycle: 1:1

Medium: MSL_5G_110805 Medium parameters used: $f = 5800 \text{ MHz}$; $\sigma = 6.229 \text{ mho/m}$; $\epsilon_r = 46.417$;

$\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : $22.3 \text{ }^\circ\text{C}$; Liquid Temperature : $21.4 \text{ }^\circ\text{C}$

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(3.78, 3.78, 3.78); Calibrated: 2011/6/20
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2011/1/13
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP1127
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

Pin=250mW/Area Scan (91x91x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

Maximum value of SAR (interpolated) = 32.646 mW/g

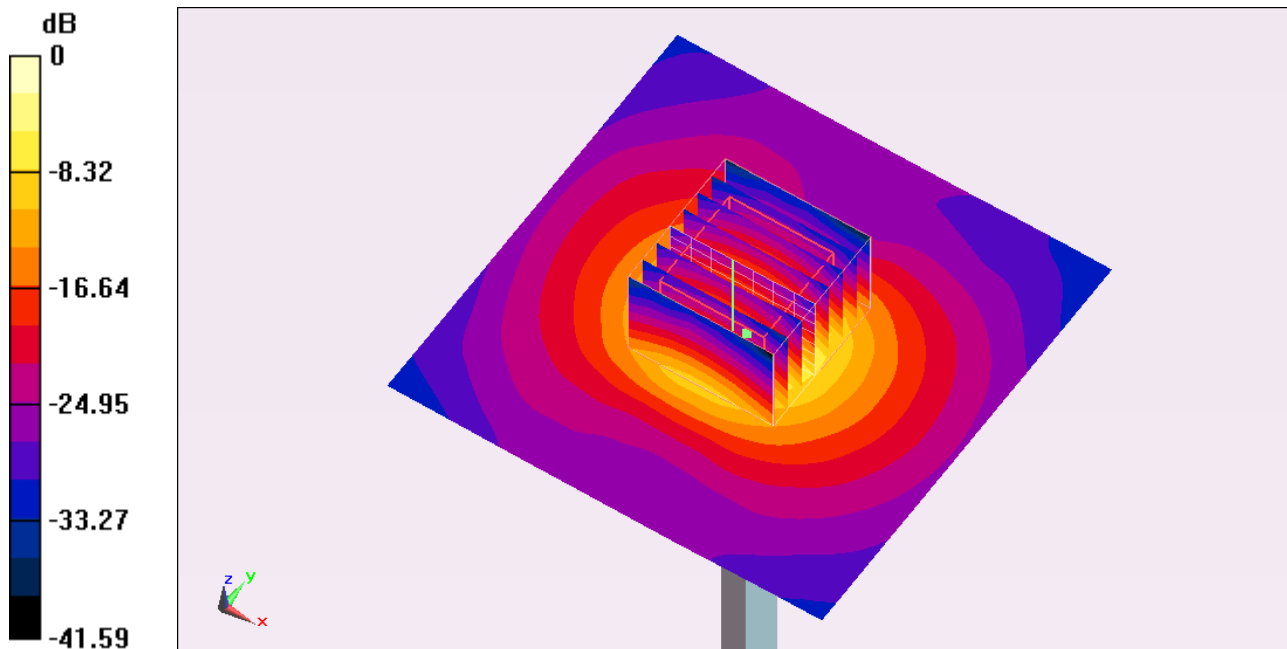
Pin=250mW/Zoom Scan (8x8x8)/Cube 0: Measurement grid: $dx=4.3\text{mm}$, $dy=4.3\text{mm}$, $dz=3\text{mm}$

Reference Value = 78.879 V/m ; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 51.552 W/kg

SAR(1 g) = 17.8 mW/g ; SAR(10 g) = 5.16 mW/g

Maximum value of SAR (measured) = 29.927 mW/g



0 dB = 29.930 mW/g