

System Check_835MHz_091008

DUT: Dipole 835 MHz

Communication System: CW; Frequency: 835 MHz; Duty Cycle: 1:1

Medium: HSL_850_091008 Medium parameters used: $f = 835 \text{ MHz}$; $\sigma = 0.923 \text{ mho/m}$; $\epsilon_r = 42$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : 22.5 ; Liquid Temperature : 21.6

DASY5 Configuration:

- Probe: ET3DV6 - SN1788; ConvF(6.3, 6.3, 6.3); Calibrated: 2009/9/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2009/9/18
- Phantom: SAM - Front; Type: SAM; Serial: TP-1446
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

Pin=100mW/Area Scan (61x61x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.05 mW/g

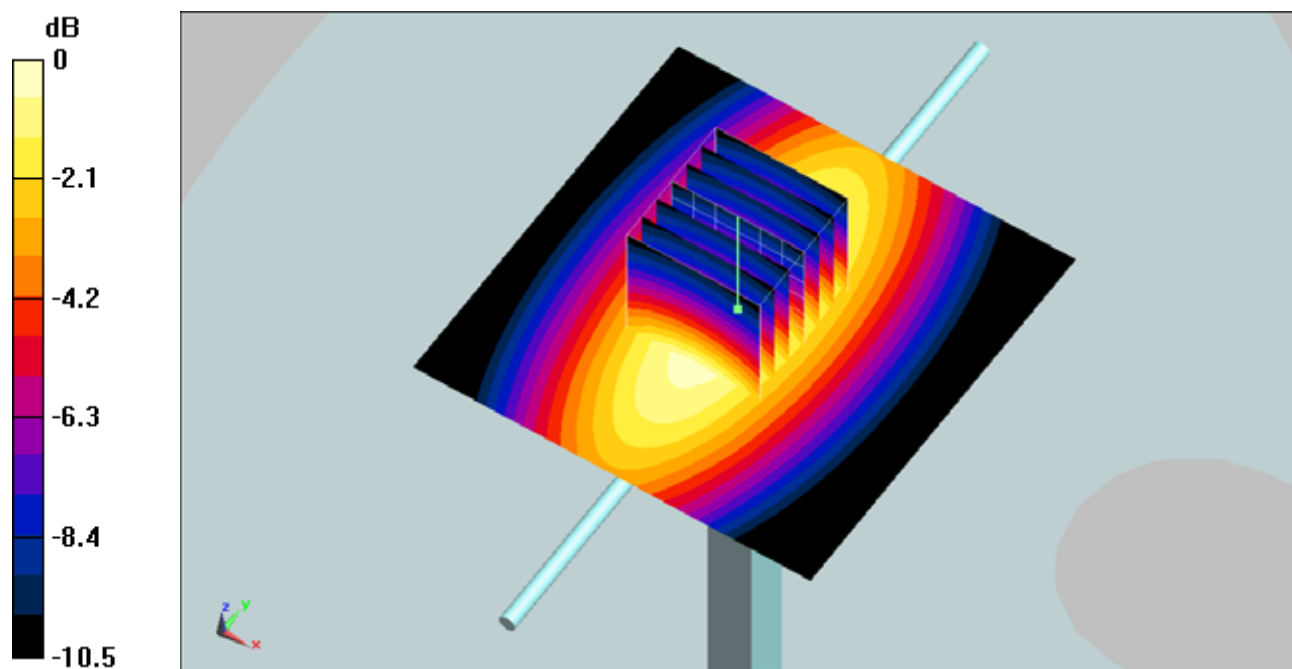
Pin=100mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 34.9 V/m; Power Drift = 0.013 dB

Peak SAR (extrapolated) = 1.43 W/kg

SAR(1 g) = 0.966 mW/g; SAR(10 g) = 0.629 mW/g

Maximum value of SAR (measured) = 1.05 mW/g



0 dB = 1.05mW/g

System Check_835MHz_091009

DUT: Dipole 835 MHz

Communication System: CW; Frequency: 835 MHz; Duty Cycle: 1:1

Medium: MSL_850_091009 Medium parameters used: $f = 835 \text{ MHz}$; $\sigma = 0.979 \text{ mho/m}$; $\epsilon_r = 52.7$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : 22.5 ; Liquid Temperature : 21.3

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.09, 6.09, 6.09); Calibrated: 2009/5/26
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2009/8/24
- Phantom: SAM - Front; Type: SAM; Serial: TP-1446
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

Pin=100mW/Area Scan (61x61x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (interpolated) = 1.04 mW/g

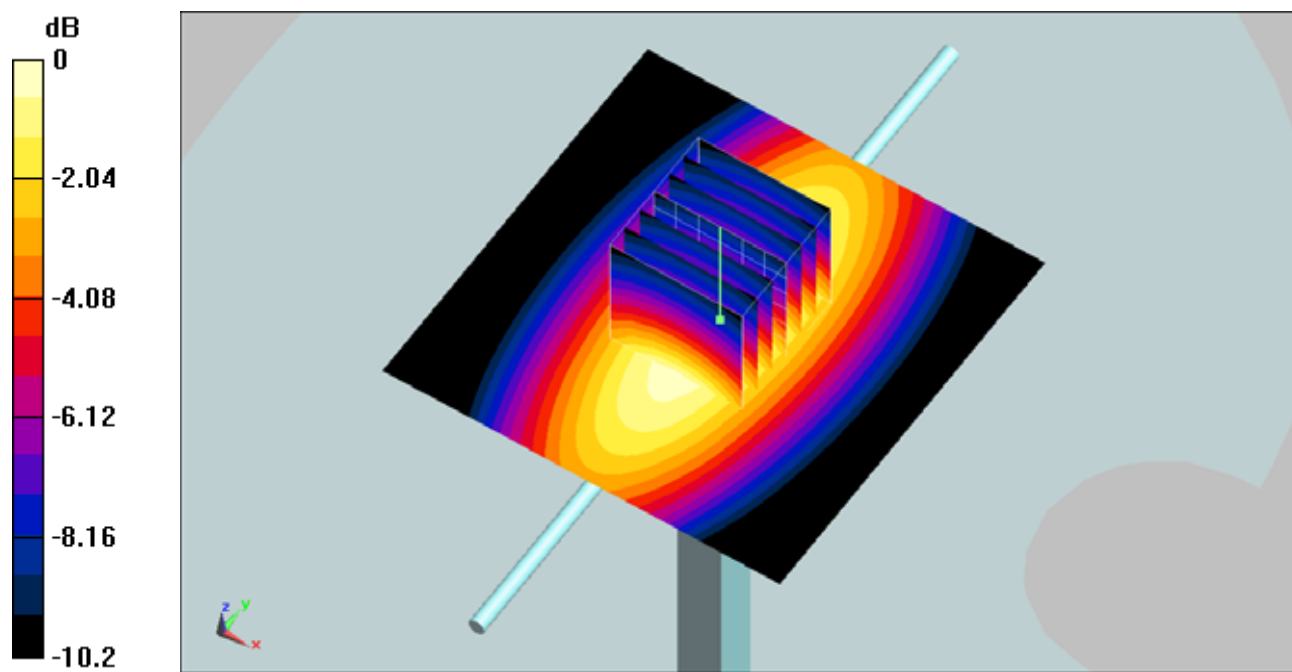
Pin=100mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 33.6 V/m; Power Drift = -0.022 dB

Peak SAR (extrapolated) = 1.38 W/kg

SAR(1 g) = 0.956 mW/g; SAR(10 g) = 0.630 mW/g

Maximum value of SAR (measured) = 1.04 mW/g



0 dB = 1.04mW/g

System Check_1900MHz_091009

DUT: Dipole 1900 MHz

Communication System: CW; Frequency: 1900 MHz; Duty Cycle: 1:1

Medium: HSL_1900_091009 Medium parameters used: $f = 1900 \text{ MHz}$; $\sigma = 1.43 \text{ mho/m}$; $\epsilon_r = 39.1$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : 22.6 ; Liquid Temperature : 21.4

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(5.12, 5.12, 5.12); Calibrated: 2009/5/26
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2009/8/24
- Phantom: SAM - Front; Type: SAM; Serial: TP-1446
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

Pin=100mW/Area Scan (61x61x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 4.52 mW/g

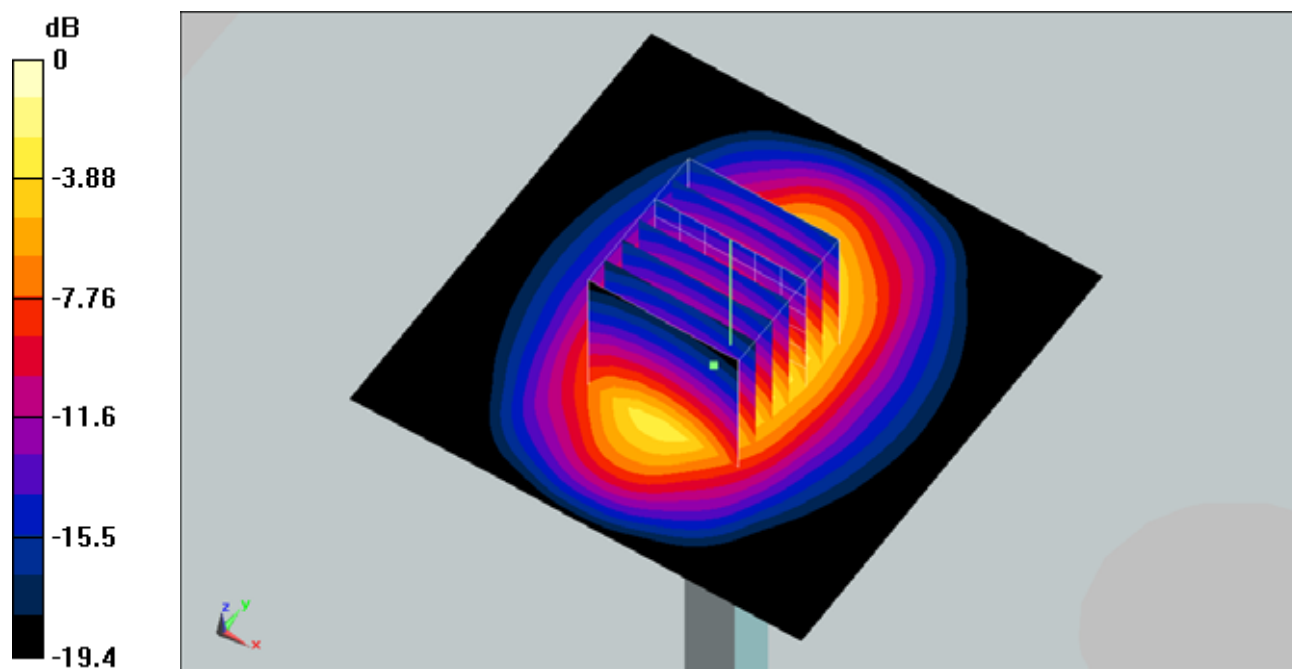
Pin=100mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 58.5 V/m; Power Drift = -0.032 dB

Peak SAR (extrapolated) = 6.77 W/kg

SAR(1 g) = 3.85 mW/g; SAR(10 g) = 2 mW/g

Maximum value of SAR (measured) = 4.38 mW/g



0 dB = 4.38mW/g