

System Check_835MHz_100129

DUT: Dipole 835 MHz

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

Medium: HSL_850_100129 Medium parameters used: $f = 835$ MHz; $\sigma = 0.914$ mho/m; $\epsilon_r = 41.8$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(8.32, 8.32, 8.32); Calibrated: 2009/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2009/11/16
- Phantom: SAM2; Type: SAM; Serial: TP-1479
- Measurement SW : DASY5, V5.2 Build 162; SEMCAD X Version 14.0 Build 57

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

Maximum value of SAR (interpolated) = 1.03 mW/g

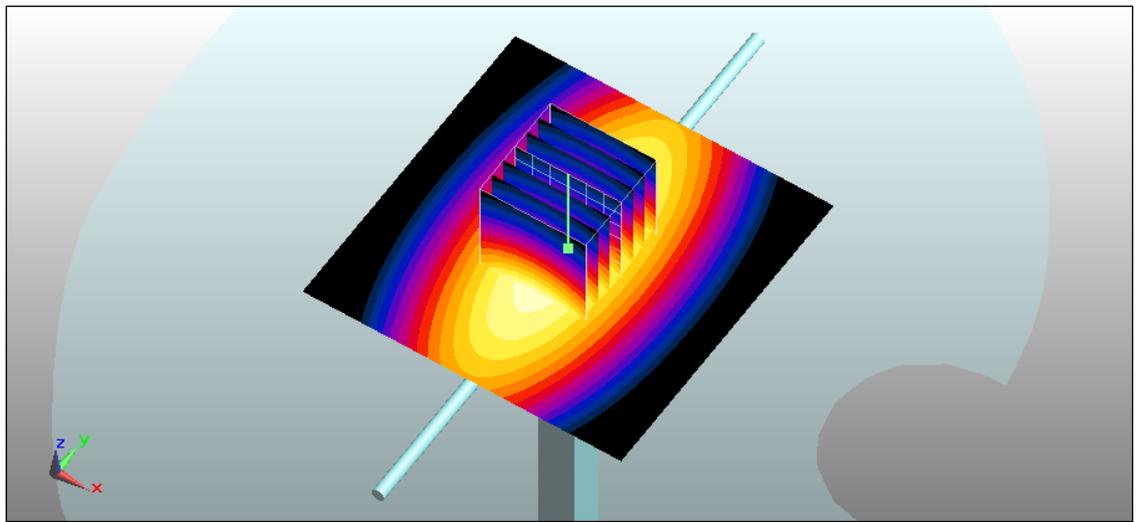
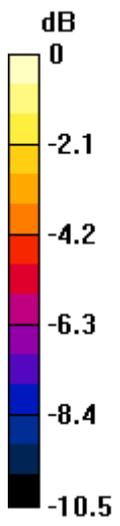
Pin=100mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 33.6 V/m; Power Drift = -0.0136 dB

Peak SAR (extrapolated) = 1.45 W/kg

SAR(1 g) = 0.953 mW/g; SAR(10 g) = 0.622 mW/g

Maximum value of SAR (measured) = 1.03 mW/g



0 dB = 1.03mW/g

System Check_1900MHz_100130

DUT: Dipole 1900 MHz

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

Medium: HSL_1900_100130 Medium parameters used: $f = 1900$ MHz; $\sigma = 1.44$ mho/m; $\epsilon_r = 39.7$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.7 °C ; Liquid Temperature : 21.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(7.32, 7.32, 7.32); Calibrated: 2009/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2009/11/16
- Phantom: SAM1; Type: SAM; Serial: TP-1477
- Measurement SW : DASY5, V5.2 Build 162; SEMCAD X Version 14.0 Build 57

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

Maximum value of SAR (interpolated) = 4.64 mW/g

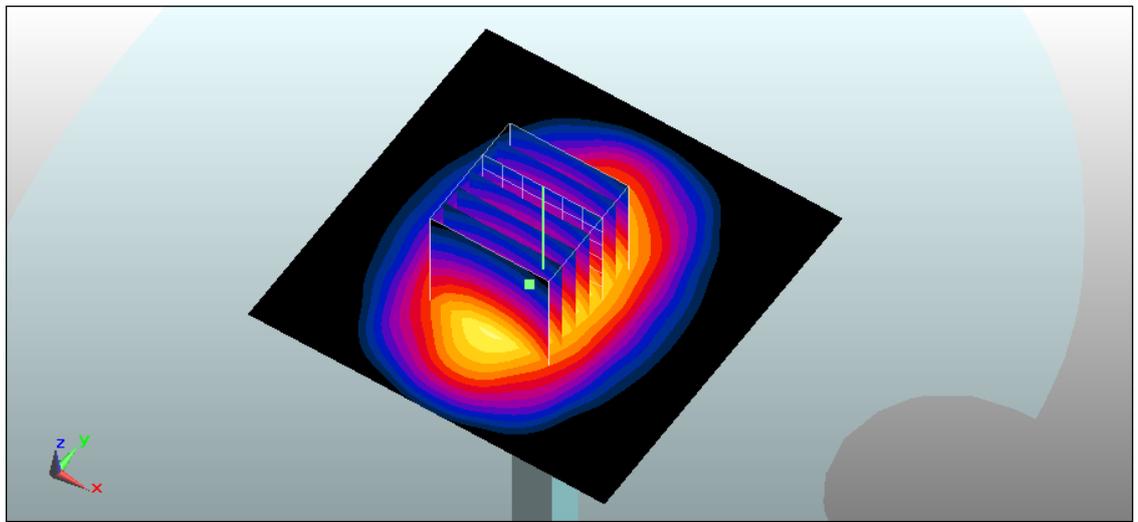
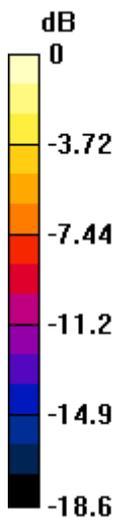
Pin=100mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 55.5 V/m; Power Drift = 0.022 dB

Peak SAR (extrapolated) = 7.65 W/kg

SAR(1 g) = 4 mW/g; SAR(10 g) = 2.06 mW/g

Maximum value of SAR (measured) = 4.48 mW/g



0 dB = 4.48mW/g