

System Check_Head_2450MHz_110622**DUT: Dipole 2450 MHz**

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

Medium: HSL_2450_110622 Medium parameters used: $f = 2450$ MHz; $\sigma = 1.84$ mho/m; $\epsilon_r = 39.3$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.3 °C ; Liquid Temperature : 21.5 °C

DASY4 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(4.41, 4.41, 4.41); Calibrated: 2011/5/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM_Left; Type: SAM; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Pin=100mW/Area Scan (91x91x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 6.08 mW/g

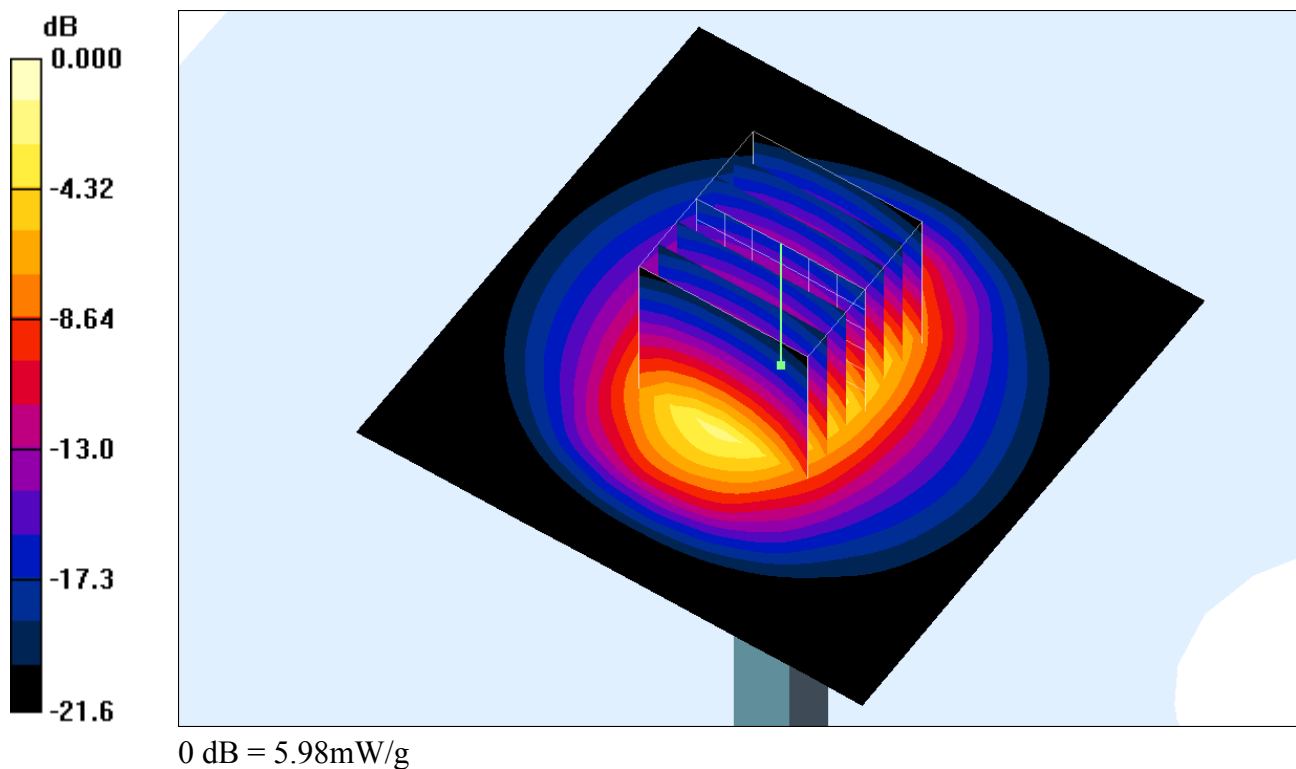
Pin=100mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 59.3 V/m; Power Drift = -0.006 dB

Peak SAR (extrapolated) = 11.3 W/kg

SAR(1 g) = 5.33 mW/g; SAR(10 g) = 2.51 mW/g

Maximum value of SAR (measured) = 5.98 mW/g



System Check_Head_5200MHz_110622**DUT: Dipole 5GHz**

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

Medium: HSL5G_110622 Medium parameters used: $f = 5200$ MHz; $\sigma = 4.79$ mho/m; $\epsilon_r = 35.4$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.5 °C ; Liquid Temperature : 21.5 °C

DASY4 Configuration

- Probe: EX3DV4 - SN3731; ConvF(4.83, 4.83, 4.83); Calibrated: 2010/9/20
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM_Left; Type: SAM; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Pin=100mW/Area Scan (91x91x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 14.7 mW/g

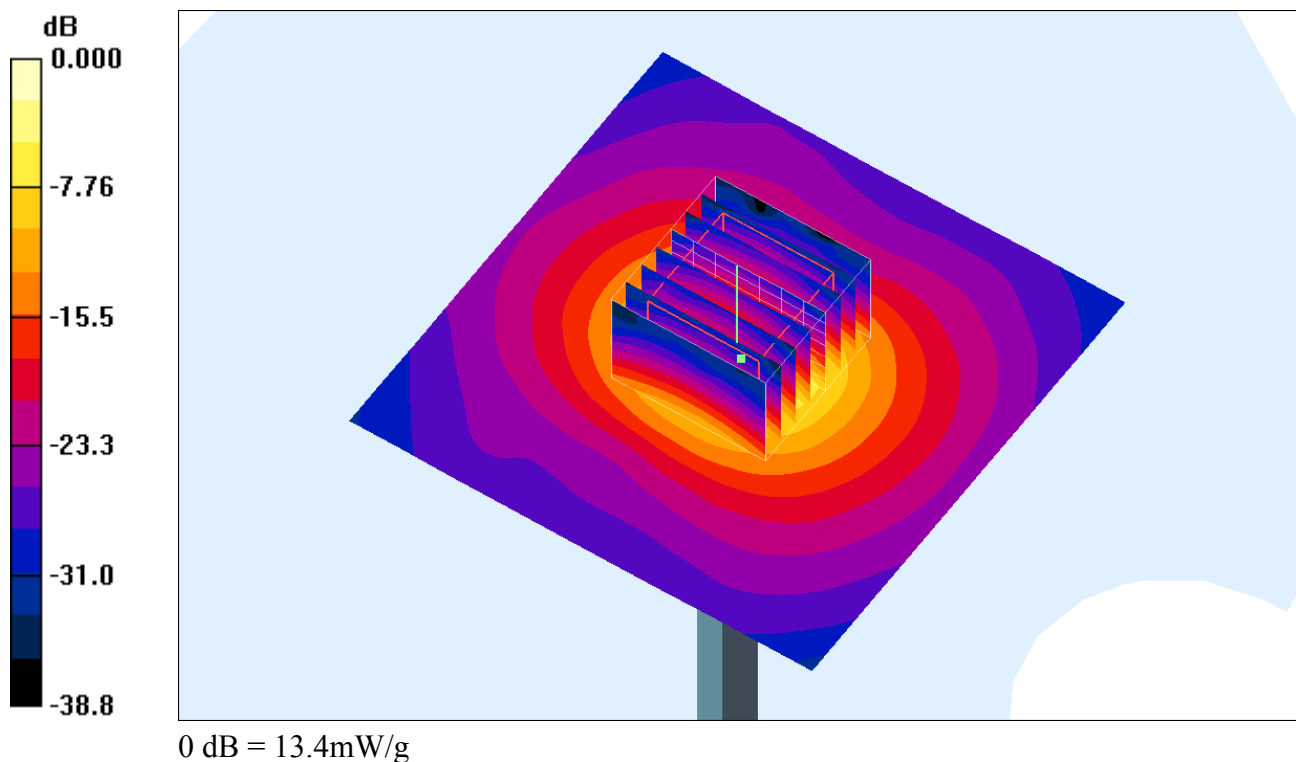
Pin=100mW/Zoom Scan (8x8x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

Reference Value = 56.4 V/m; Power Drift = -0.007 dB

Peak SAR (extrapolated) = 31.2 W/kg

SAR(1 g) = 8.01 mW/g; SAR(10 g) = 2.29 mW/g

Maximum value of SAR (measured) = 13.4 mW/g



System Check_Head_5500MHz_110622**DUT: Dipole 5GHz**

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

Medium: HSL5G_110622 Medium parameters used: $f = 5500$ MHz; $\sigma = 5.1$ mho/m; $\epsilon_r = 34.9$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.5 °C ; Liquid Temperature : 21.5 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3731; ConvF(4.46, 4.46, 4.46); Calibrated: 2010/9/20
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM_Left; Type: SAM; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Pin=100mW/Area Scan (91x91x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 14.9 mW/g

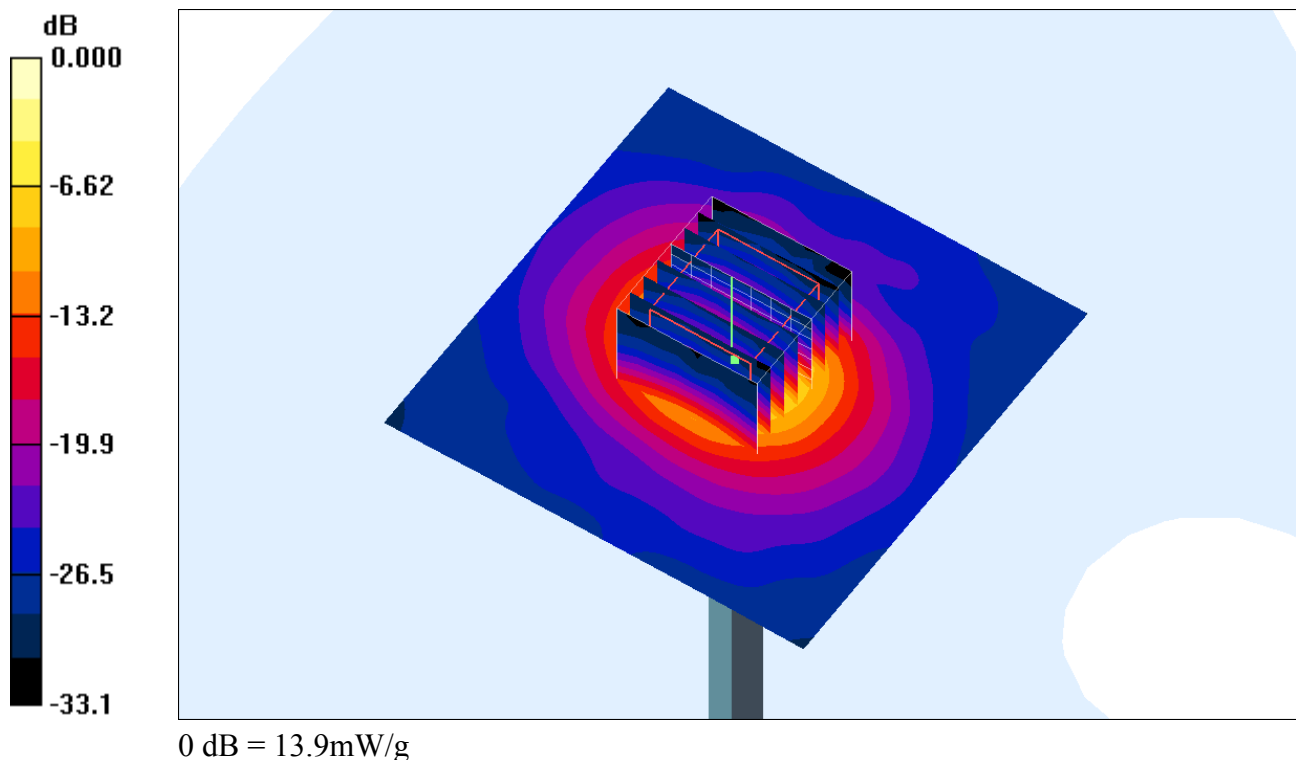
Pin=100mW/Zoom Scan (8x8x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

Reference Value = 55.5 V/m; Power Drift = 0.159 dB

Peak SAR (extrapolated) = 33.2 W/kg

SAR(1 g) = 8.16 mW/g; SAR(10 g) = 2.28 mW/g

Maximum value of SAR (measured) = 13.9 mW/g



System Check_Head_5500MHz_110701**DUT: Dipole 5GHz**

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

Medium: HSL5G_110701 Medium parameters used: $f = 5500$ MHz; $\sigma = 5.11$ mho/m; $\epsilon_r = 35$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.5 °C ; Liquid Temperature : 21.5 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(4.35, 4.35, 4.35); Calibrated: 2011/4/19
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2010/10/22
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Pin=100mW/Area Scan (91x91x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 15.8 mW/g

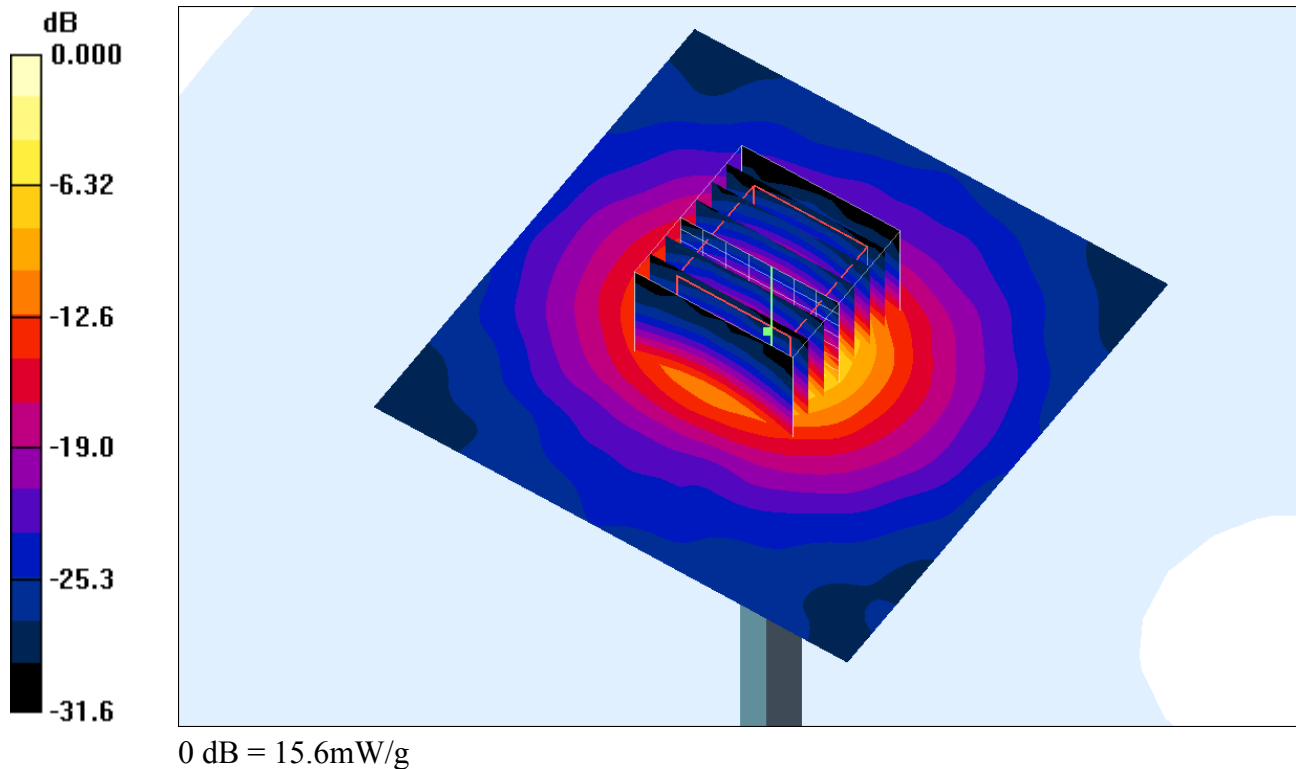
Pin=100mW/Zoom Scan (8x8x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

Reference Value = 59.6 V/m; Power Drift = -0.021 dB

Peak SAR (extrapolated) = 34.1 W/kg

SAR(1 g) = 9.15 mW/g; SAR(10 g) = 2.57 mW/g

Maximum value of SAR (measured) = 15.6 mW/g



System Check_Head_5800MHz_110622**DUT: Dipole 5GHz**

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

Medium: HSL5G_110622 Medium parameters used: $f = 5800$ MHz; $\sigma = 5.39$ mho/m; $\epsilon_r = 34.4$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.5 °C ; Liquid Temperature : 21.5 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3731; ConvF(4.22, 4.22, 4.22); Calibrated: 2010/9/20
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM_Left; Type: SAM; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Pin=100mW/Area Scan (91x91x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 11.7 mW/g

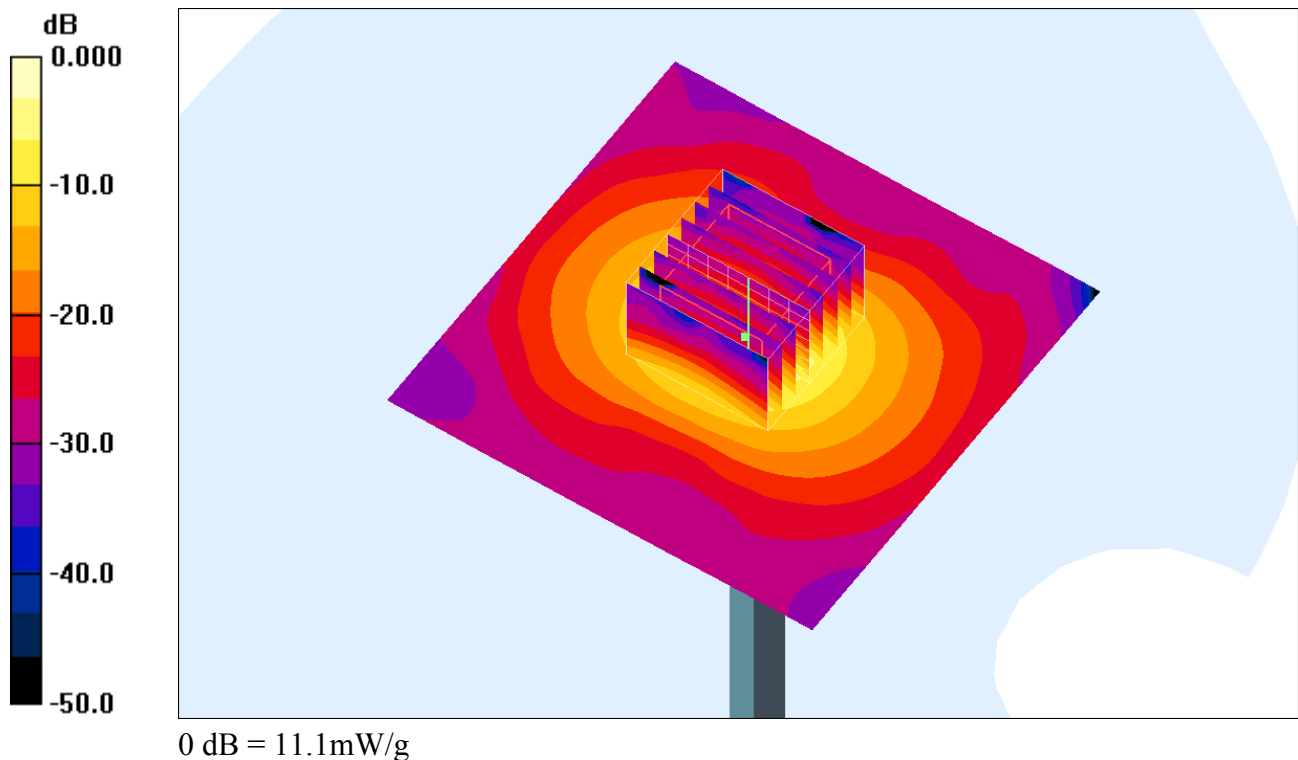
Pin=100mW/Zoom Scan (8x8x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

Reference Value = 47.9 V/m; Power Drift = 0.042 dB

Peak SAR (extrapolated) = 29.3 W/kg

SAR(1 g) = 7.62 mW/g; SAR(10 g) = 2.17 mW/g

Maximum value of SAR (measured) = 11.1 mW/g



System Check_Body_2450MHz_110624**DUT: Dipole 2450 MHz**

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

Medium: MSL_2450_110624 Medium parameters used: $f = 2450$ MHz; $\sigma = 1.93$ mho/m; $\epsilon_r = 53.6$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.3 °C ; Liquid Temperature : 21.5 °C

DASY4 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(3.96, 3.96, 3.96); Calibrated: 2011/5/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Pin=100mW/Area Scan (91x91x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 5.86 mW/g

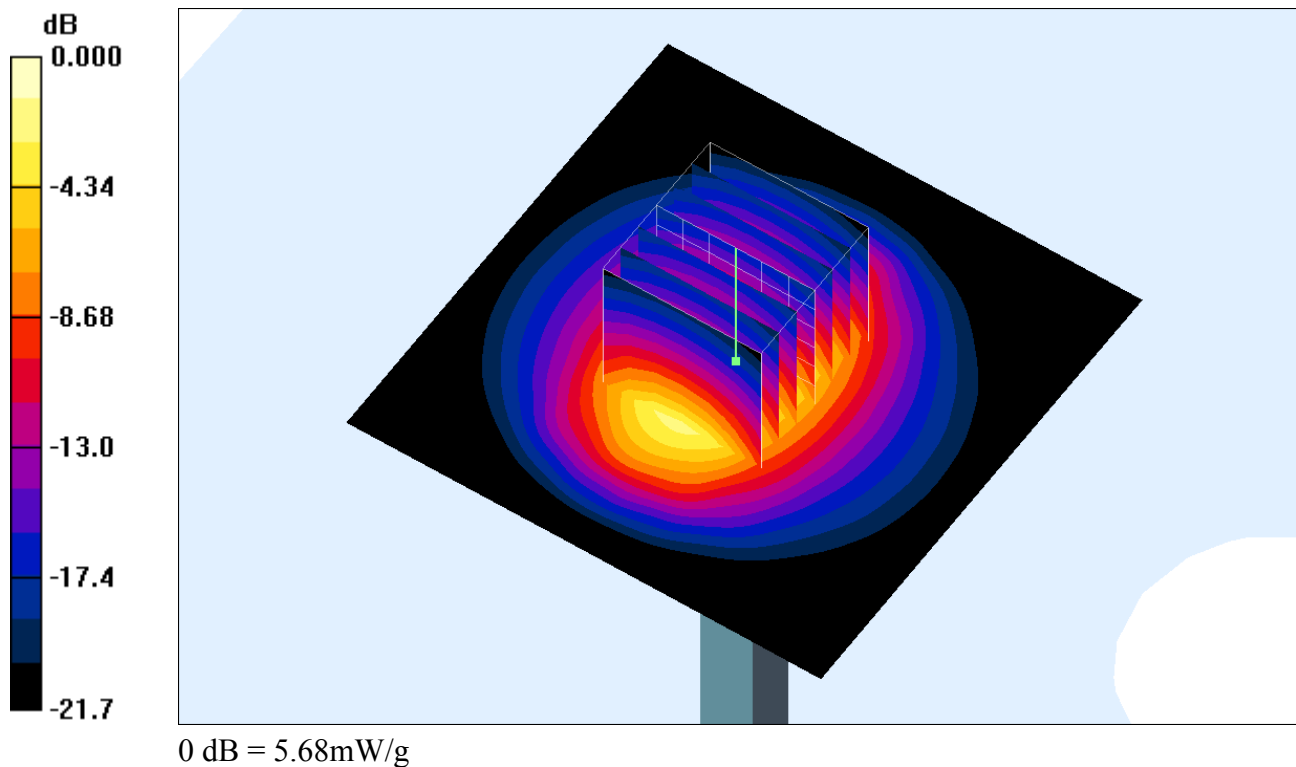
Pin=100mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 54.9 V/m; Power Drift = 0.017 dB

Peak SAR (extrapolated) = 12.6 W/kg

SAR(1 g) = 5.17 mW/g; SAR(10 g) = 2.37 mW/g

Maximum value of SAR (measured) = 5.68 mW/g



System Check_Body_5200MHz_110623**DUT: Dipole 5GHz**

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

Medium: MSL_5G_110623 Medium parameters used: $f = 5200$ MHz; $\sigma = 5.34$ mho/m; $\epsilon_r = 47.5$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.5 °C ; Liquid Temperature : 21.4 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3731; ConvF(3.87, 3.87, 3.87); Calibrated: 2010/9/20
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Pin=100mW/Area Scan (91x91x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 13.2 mW/g

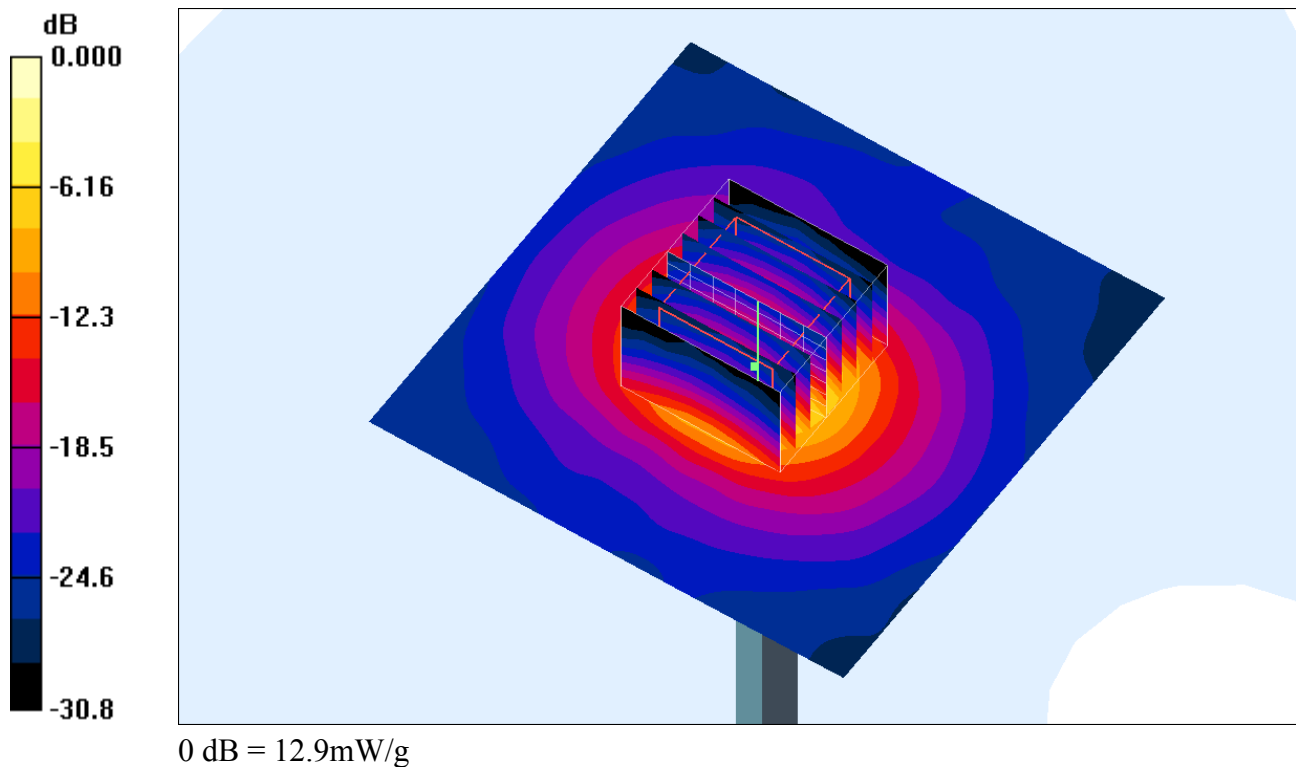
Pin=100mW/Zoom Scan (8x8x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

Reference Value = 56.4 V/m; Power Drift = -0.115 dB

Peak SAR (extrapolated) = 22.4 W/kg

SAR(1 g) = 7.79 mW/g; SAR(10 g) = 2.25 mW/g

Maximum value of SAR (measured) = 12.9 mW/g



System Check_Body_5500MHz_110623**DUT: Dipole 5GHz**

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

Medium: MSL_5G_110623 Medium parameters used: $f = 5500$ MHz; $\sigma = 5.73$ mho/m; $\epsilon_r = 46.9$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.5 °C ; Liquid Temperature : 21.4 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3731; ConvF(3.44, 3.44, 3.44); Calibrated: 2010/9/20
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Pin=100mW/Area Scan (91x91x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 15.4 mW/g

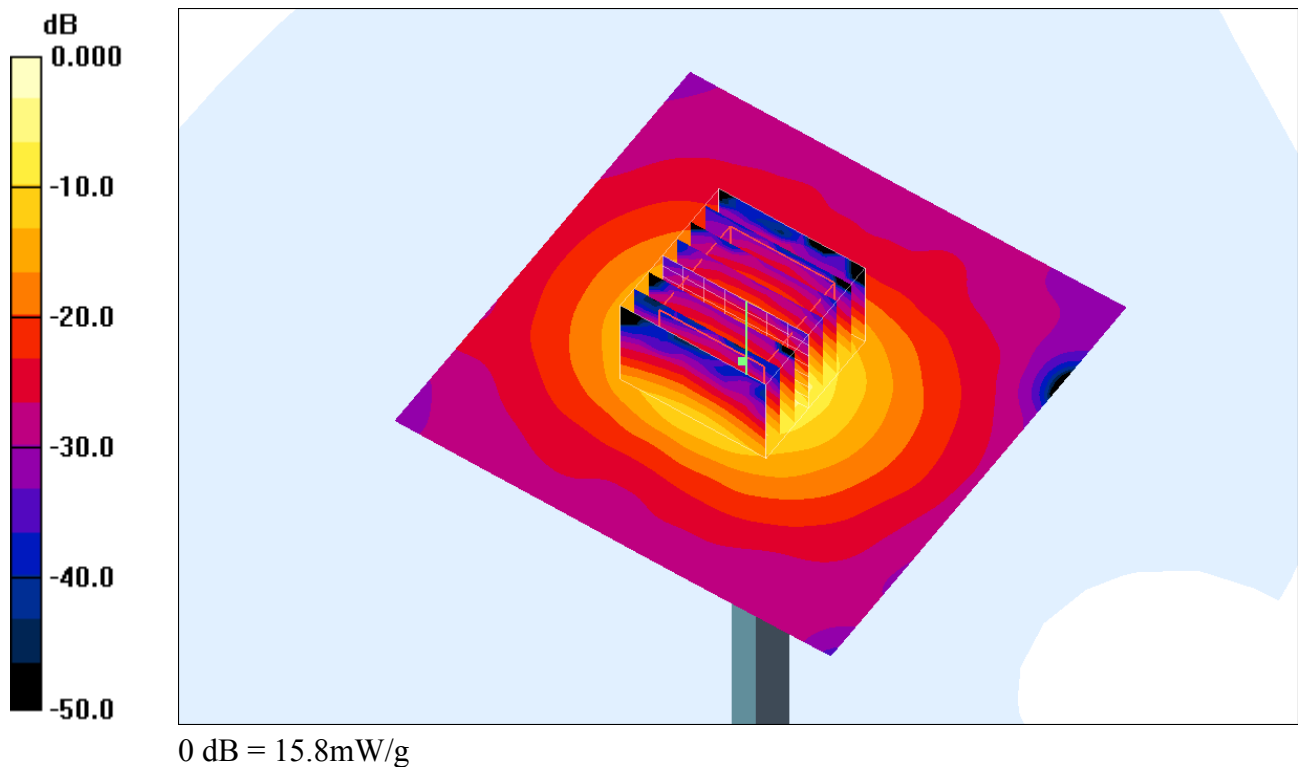
Pin=100mW/Zoom Scan (8x8x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

Reference Value = 57.5 V/m; Power Drift = 0.126 dB

Peak SAR (extrapolated) = 29.5 W/kg

SAR(1 g) = 8.92 mW/g; SAR(10 g) = 2.49 mW/g

Maximum value of SAR (measured) = 15.8 mW/g



System Check_Body_5800MHz_110623**DUT: Dipole 5GHz**

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

Medium: MSL_5G_110623 Medium parameters used: $f = 5800$ MHz; $\sigma = 6.24$ mho/m; $\epsilon_r = 46.4$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.5 °C ; Liquid Temperature : 21.4 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3731; ConvF(3.55, 3.55, 3.55); Calibrated: 2010/9/20
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Pin=100mW/Area Scan (91x91x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 13.2 mW/g

Pin=100mW/Zoom Scan (8x8x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

Reference Value = 50.8 V/m; Power Drift = 0.112 dB

Peak SAR (extrapolated) = 26.4 W/kg

SAR(1 g) = 7.58 mW/g; SAR(10 g) = 2.11 mW/g

Maximum value of SAR (measured) = 13.4 mW/g

