System Check_Head_2450MHz_110716

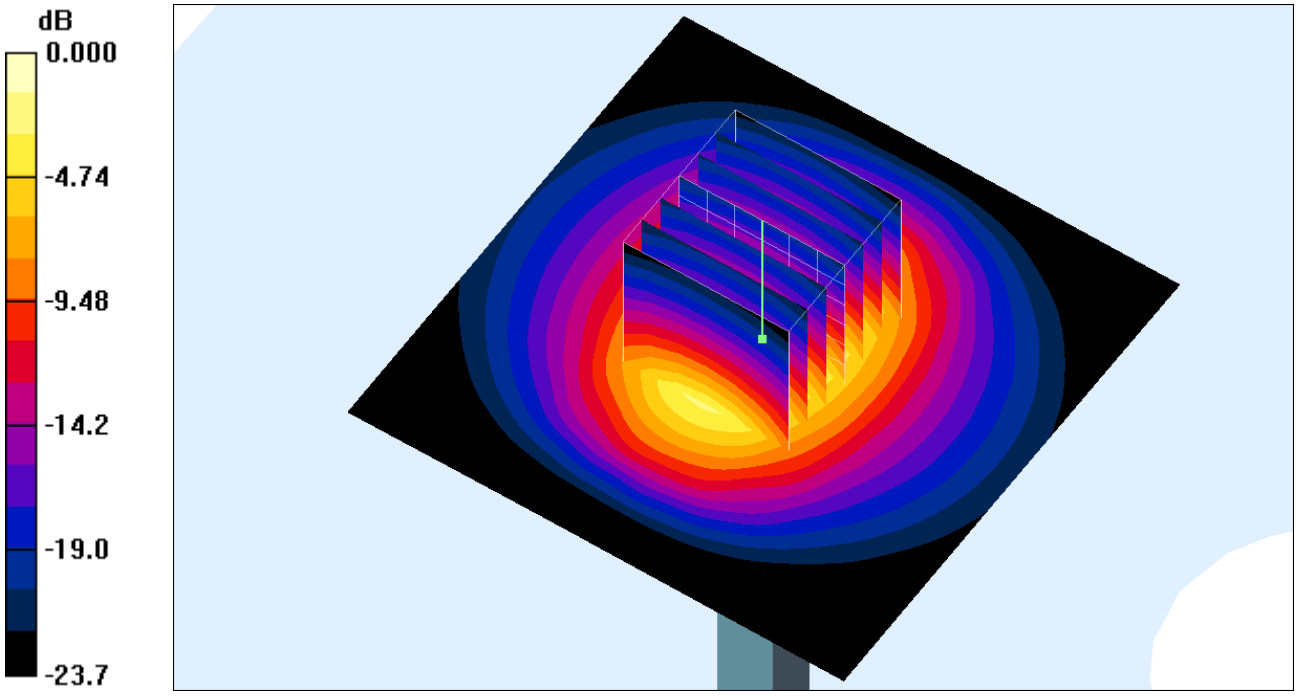
DUT: Dipole 2450 MHz

Communication System: CW; Frequency: 2450 MHz;Duty Cycle: 1:1
Medium: HSL_2450_110629 Medium parameters used: f = 2450 MHz; σ = 1.86 mho/m; ε_r = 39.3; ρ = 1000 kg/m^3
Ambient Temperature：22.5 ℃; Liquid Temperature：21.5 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3792; ConvF(6.92, 6.92, 6.92); Calibrated: 2011/6/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2010/10/22
- 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) = 6.11 mW/g

Pin=100mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 56.9 V/m; Power Drift = 0.027 dB
Peak SAR (extrapolated) = 12.1 W/kg
SAR(1 g) = 5.35 mW/g; SAR(10 g) = 2.41 mW/g
Maximum value of SAR (measured) = 6.03 mW/g



0 dB = 6.03mW/g

System Check_Body_2450MHz_110706

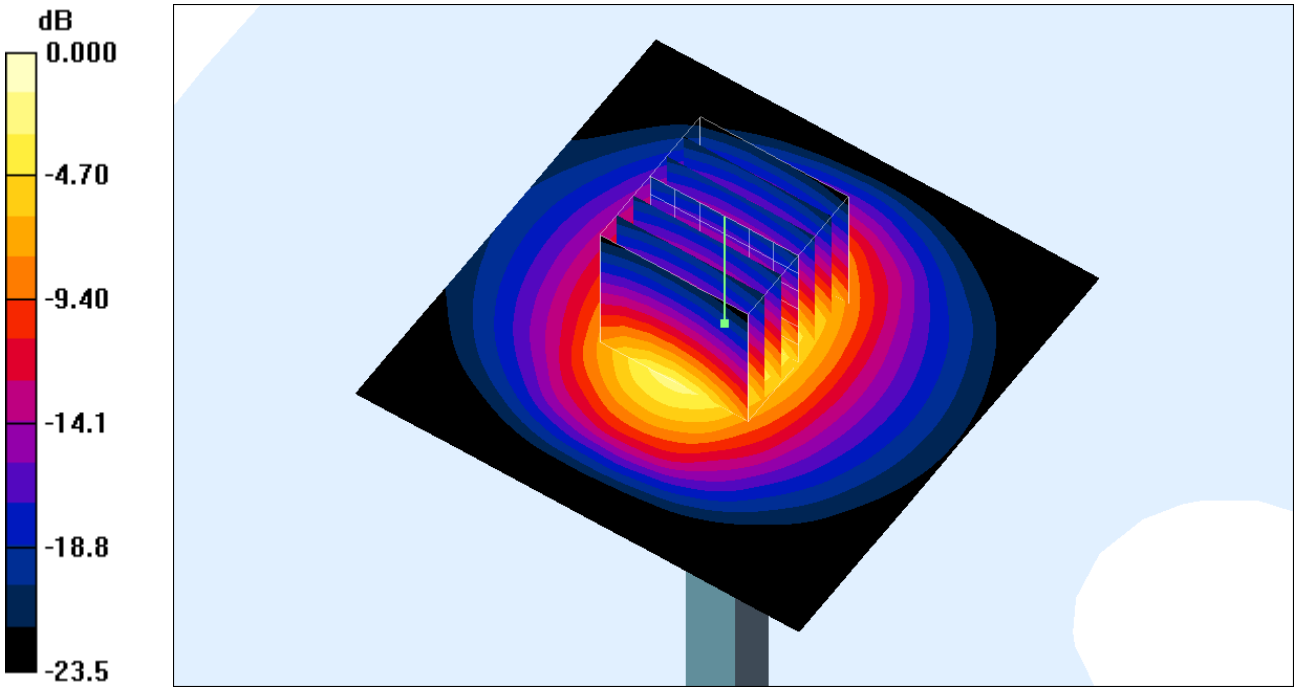
DUT: Dipole 2450 MHz

Communication System: CW; Frequency: 2450 MHz;Duty Cycle: 1:1
Medium: MSL_2450_110706 Medium parameters used: f = 2450 MHz; σ = 2 mho/m; ε_r = 54; ρ = 1000 kg/m^3
Ambient Temperature：22.4 ℃； Liquid Temperature：21.4 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3792; ConvF(6.67, 6.67, 6.67); Calibrated: 2011/6/20
- Sensor-Surface: 4mm (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) = 5.90 mW/g

Pin=100mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 52.3 V/m; Power Drift = -0.001 dB
Peak SAR (extrapolated) = 11.9 W/kg
SAR(1 g) = 5.15 mW/g; SAR(10 g) = 2.32 mW/g
Maximum value of SAR (measured) = 5.85 mW/g



0 dB = 5.85mW/g

System Check_Body_2450MHz_110717

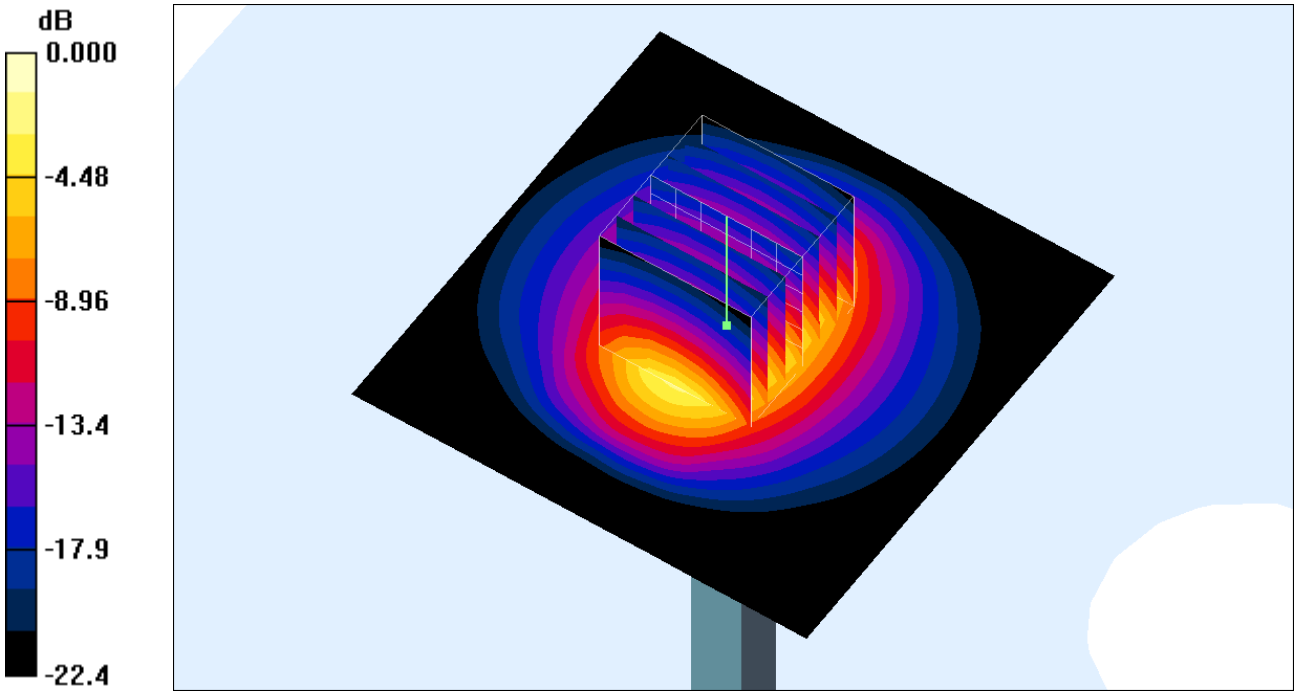
DUT: Dipole 2450 MHz

Communication System: CW; Frequency: 2450 MHz;Duty Cycle: 1:1
Medium: MSL_2450_110717 Medium parameters used: f = 2450 MHz; σ = 2.01 mho/m; ε_r = 53.9; ρ = 1000 kg/m^3
Ambient Temperature：22.4 ℃； Liquid Temperature：21.4 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3792; ConvF(6.67, 6.67, 6.67); Calibrated: 2011/6/20
- Sensor-Surface: 4mm (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) = 6.12 mW/g

Pin=100mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 53.1 V/m; Power Drift = -0.138 dB
Peak SAR (extrapolated) = 10.8 W/kg
SAR(1 g) = 5.04 mW/g; SAR(10 g) = 2.29 mW/g
Maximum value of SAR (measured) = 5.78 mW/g



0 dB = 5.78mW/g

System Check_Head_5200MHz_110711

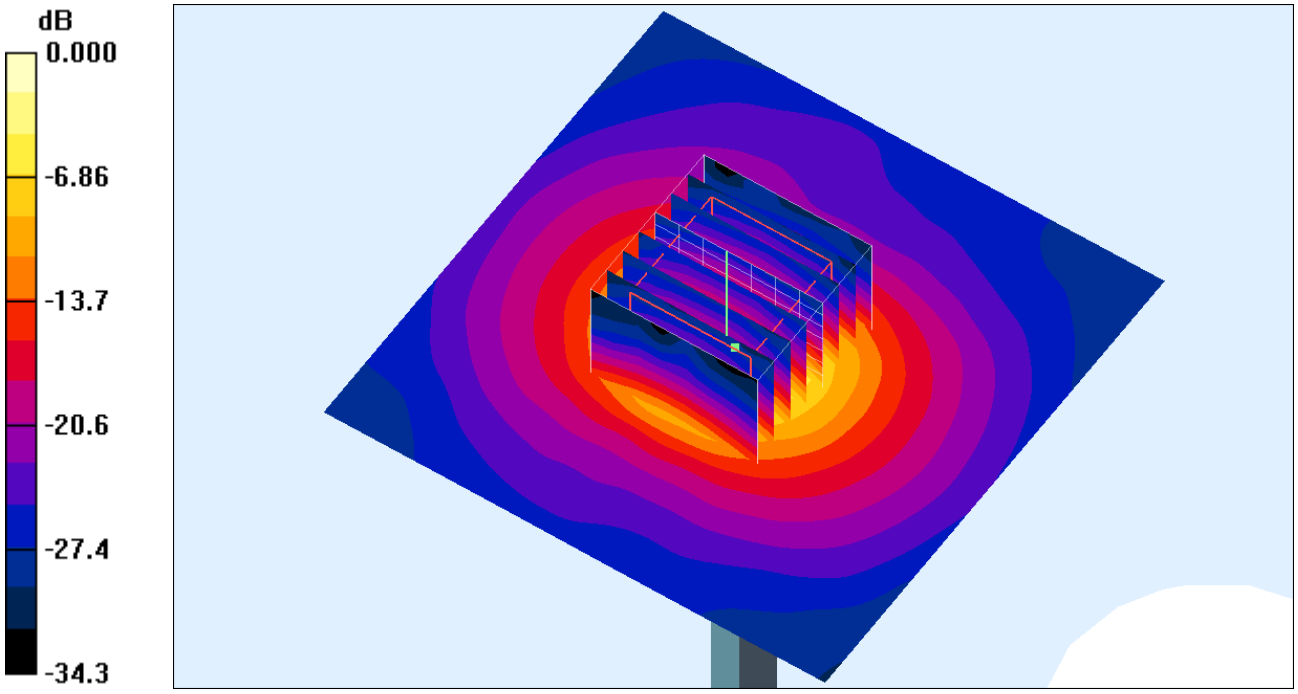
DUT: Dipole 5GHz

Communication System: CW; Frequency: 5200 MHz;Duty Cycle: 1:1
Medium: HSL_5G_110711 Medium parameters used: f = 5200 MHz; σ = 4.81 mho/m; ε_r = 35.5; ρ = 1000 kg/m^3
Ambient Temperature：22.3 ℃; Liquid Temperature：21.3 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3792; ConvF(4.95, 4.95, 4.95); Calibrated: 2011/6/20
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2010/10/22
- 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) = 10.8 mW/g

Pin=100mW/Zoom Scan (8x8x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm
Reference Value = 49.8 V/m; Power Drift = 0.136 dB
Peak SAR (extrapolated) = 28.1 W/kg
SAR(1 g) = 7.69 mW/g; SAR(10 g) = 2.21 mW/g
Maximum value of SAR (measured) = 11.2 mW/g



0 dB = 11.2mW/g

System Check_Head_5200MHz_110716

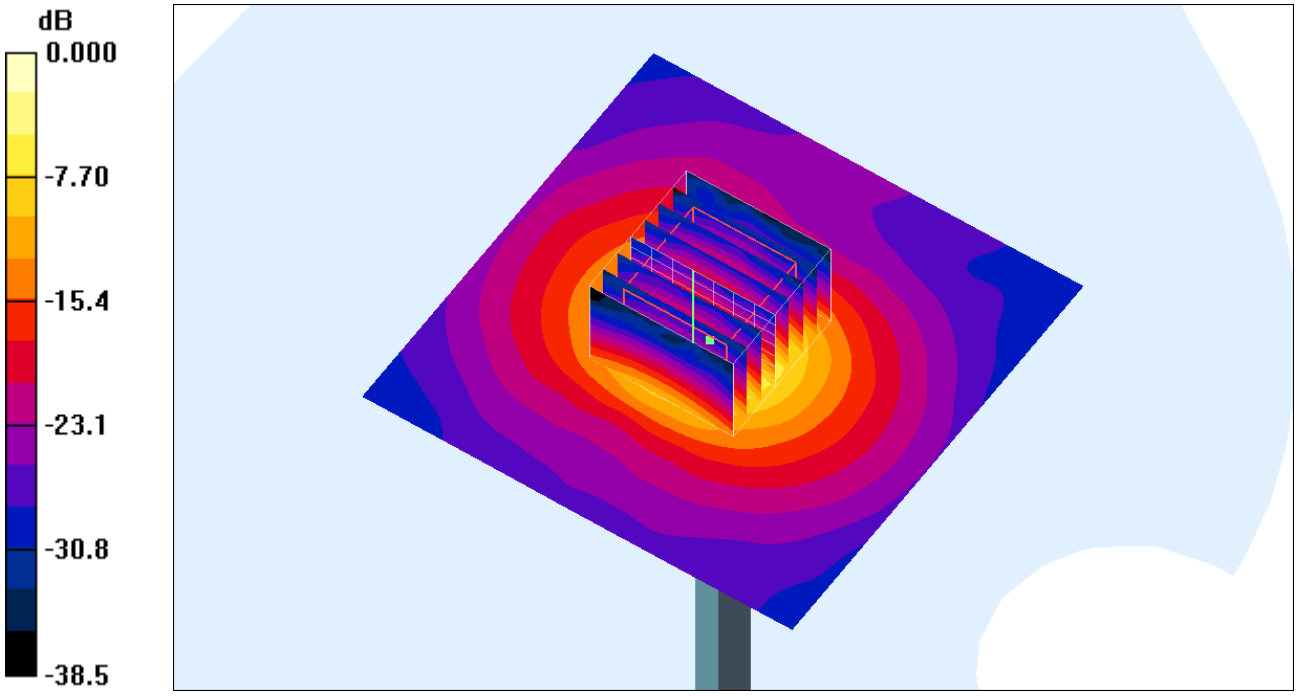
DUT: Dipole 5GHz

Communication System: CW; Frequency: 5200 MHz;Duty Cycle: 1:1
Medium: HSL_5G_110716 Medium parameters used: f = 5200 MHz; σ = 4.80 mho/m; ε_r = 35.5; ρ = 1000 kg/m^3
Ambient Temperature：22.3 ℃; Liquid Temperature：21.3 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3792; ConvF(4.95, 4.95, 4.95); Calibrated: 2011/6/20
- Sensor-Surface: 3mm (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) = 12.0 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 = 0.195 dB
Peak SAR (extrapolated) = 30.9 W/kg
SAR(1 g) = 8.03 mW/g; SAR(10 g) = 2.28 mW/g
Maximum value of SAR (measured) = 11.3 mW/g



0 dB = 11.3mW/g

System Check_Body_5200MHz_110716

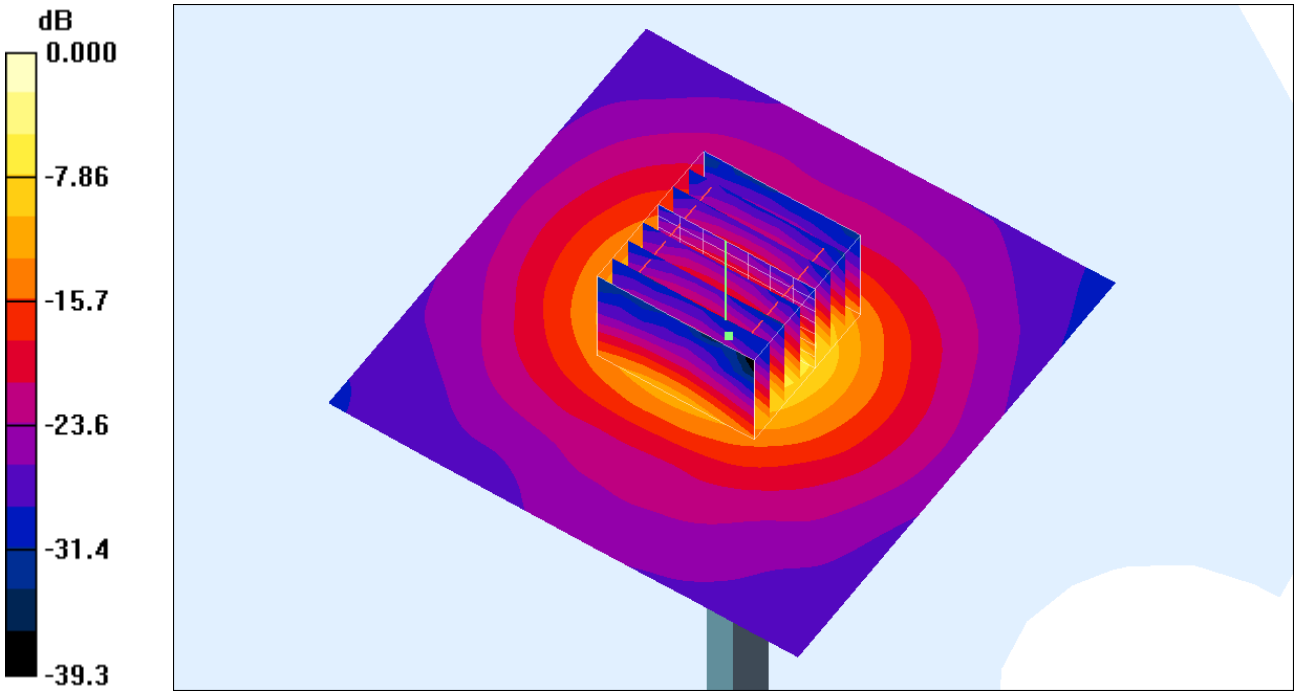
DUT: Dipole 5GHz

Communication System: CW; Frequency: 5200 MHz;Duty Cycle: 1:1
Medium: MSL_5G_110716 Medium parameters used: f = 5200 MHz; σ = 5.26 mho/m; ε_r = 47.5; ρ = 1000 kg/m^3
Ambient Temperature：22.5 ℃; Liquid Temperature：21.5 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3792; ConvF(4.22, 4.22, 4.22); Calibrated: 2011/6/20
- 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) = 14.1 mW/g

Pin=100mW/Zoom Scan (8x8x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm
Reference Value = 54.1 V/m; Power Drift = -0.003 dB
Peak SAR (extrapolated) = 26.5 W/kg
SAR(1 g) = 7.85 mW/g; SAR(10 g) = 2.26 mW/g
Maximum value of SAR (measured) = 13.6 mW/g



0 dB = 13.6mW/g

System Check_Head_5500MHz_110711

DUT: Dipole 5GHz

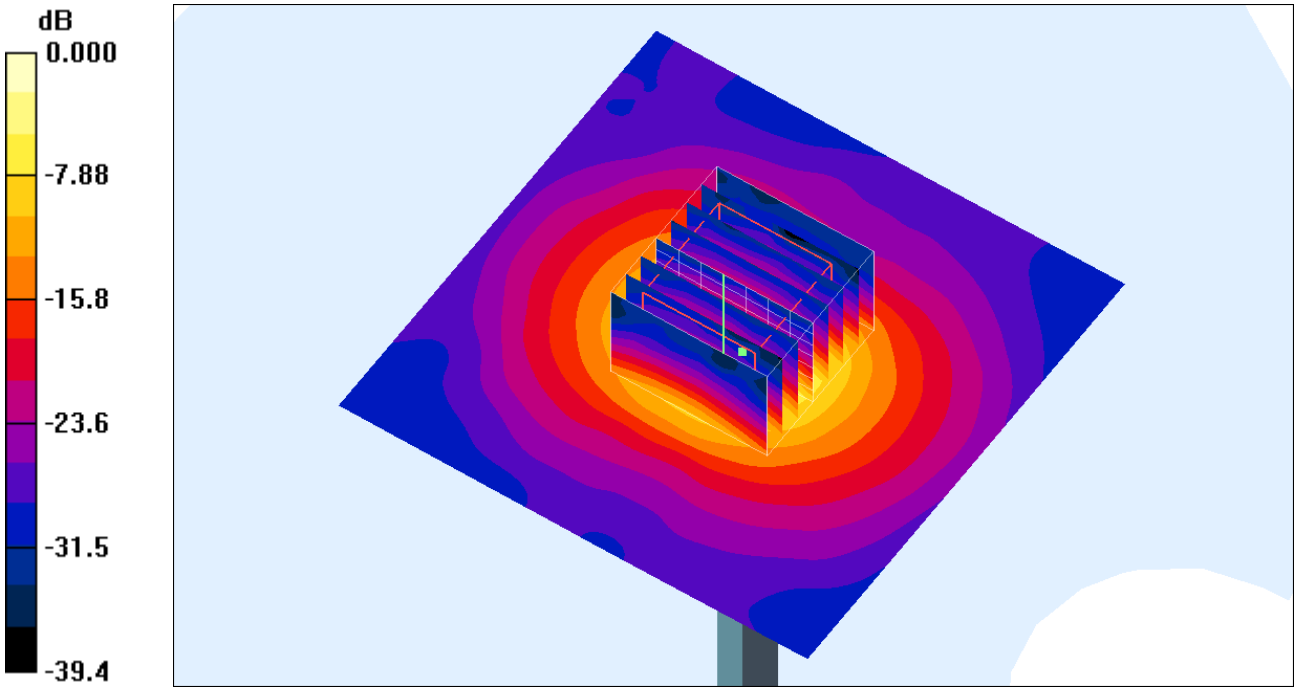
Communication System: CW; Frequency: 5500 MHz;Duty Cycle: 1:1
Medium: HSL_5G_110711 Medium parameters used: f = 5500 MHz; σ = 5.14 mho/m; ε_r = 35; ρ = 1000 kg/m^3

Ambient Temperature：22.3 ℃; Liquid Temperature：21.3 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3792; ConvF(4.66, 4.66, 4.66); Calibrated: 2011/6/20
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2010/10/22
- 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) = 13.6 mW/g

Pin=100mW/Zoom Scan (8x8x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm
Reference Value = 53.8 V/m; Power Drift = -0.072 dB
Peak SAR (extrapolated) = 39.4 W/kg
SAR(1 g) = 9.13 mW/g; SAR(10 g) = 2.55 mW/g
Maximum value of SAR (measured) = 13.2 mW/g



0 dB = 13.2mW/g

System Check_Head_5500MHz_110716

DUT: Dipole 5GHz

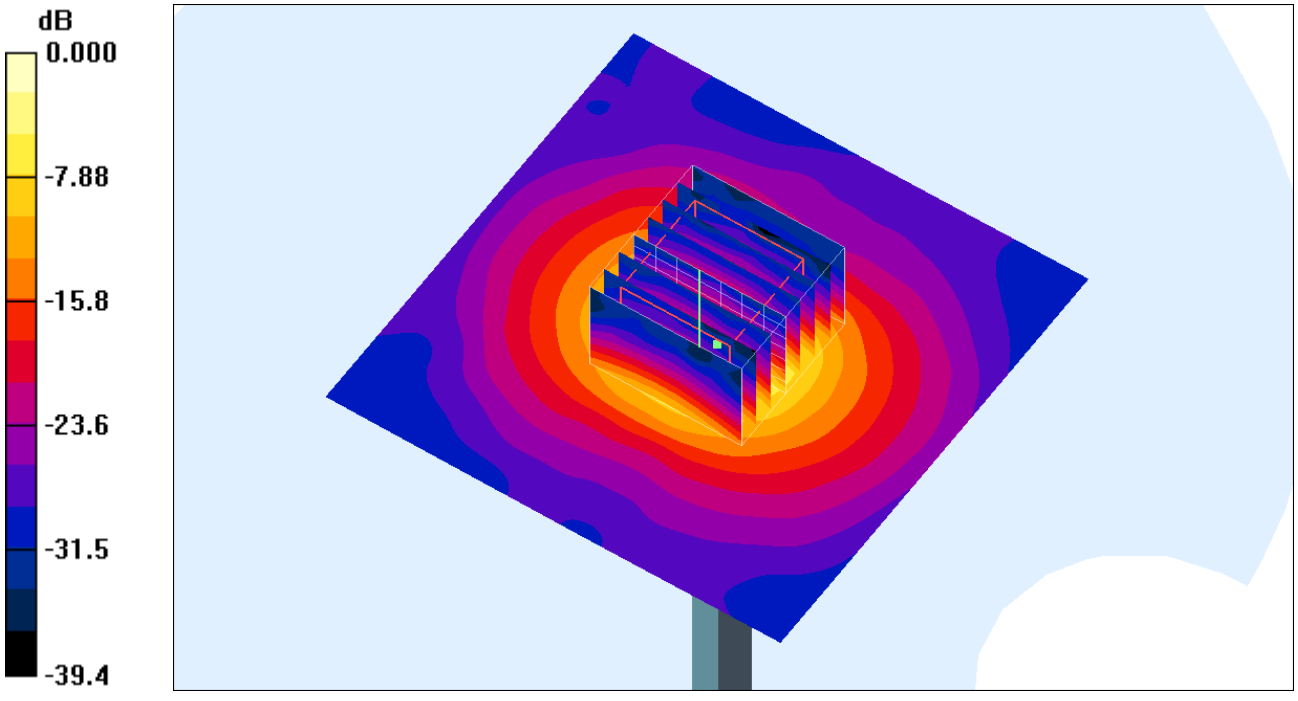
Communication System: CW; Frequency: 5500 MHz;Duty Cycle: 1:1
Medium: HSL_5G_110716 Medium parameters used: f = 5500 MHz; σ = 5.10 mho/m; ε_r = 35; ρ = 1000 kg/m^3

Ambient Temperature：22.3 ℃； Liquid Temperature：21.3 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3792; ConvF(4.66, 4.66, 4.66); Calibrated: 2011/6/20
- Sensor-Surface: 3mm (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) = 13.6 mW/g

Pin=100mW/Zoom Scan (8x8x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm
Reference Value = 53.8 V/m; Power Drift = -0.072 dB
Peak SAR (extrapolated) = 39.2 W/kg
SAR(1 g) = 9.09 mW/g; SAR(10 g) = 2.54 mW/g
Maximum value of SAR (measured) = 13.1 mW/g



0 dB = 13.1mW/g

System Check_Body_5500MHz_110716

DUT: Dipole 5GHz

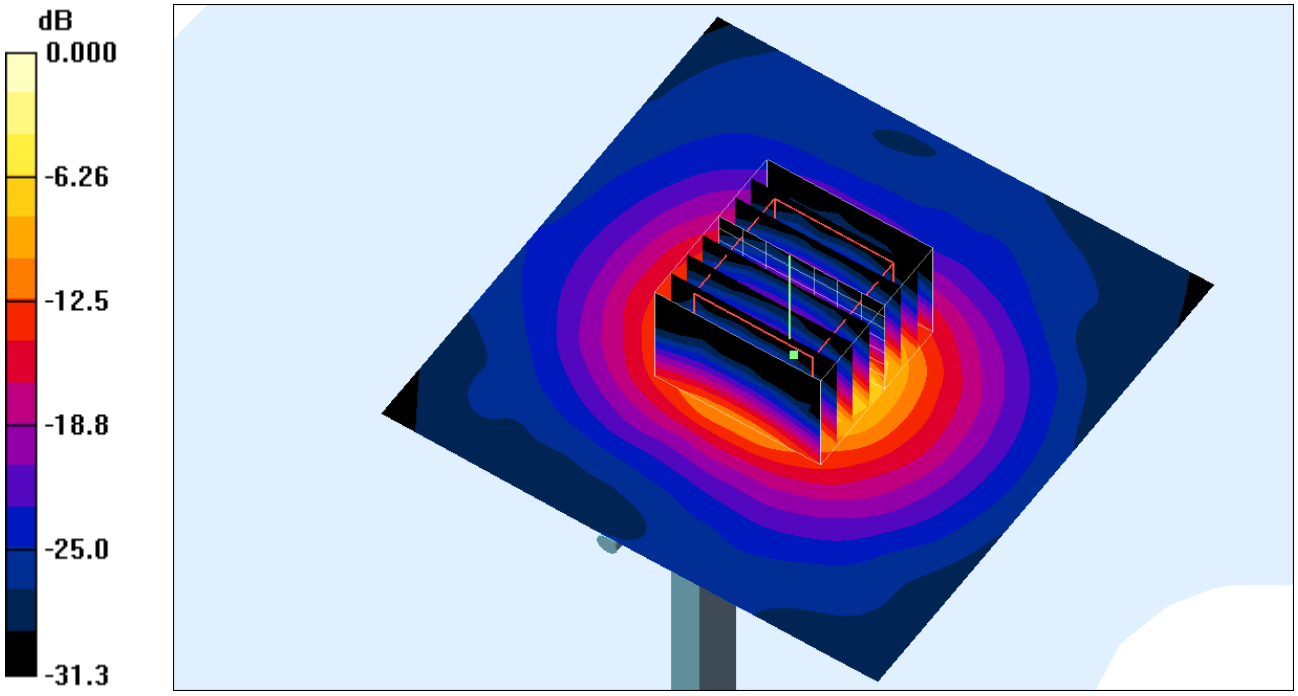
Communication System: CW; Frequency: 5500 MHz;Duty Cycle: 1:1
Medium: MSL_5G_110716 Medium parameters used: f = 5500 MHz; σ = 5.63 mho/m; ε_r = 47; ρ = 1000 kg/m^3

Ambient Temperature：22.5 ℃； Liquid Temperature：21.5 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3792; ConvF(3.76, 3.76, 3.76); Calibrated: 2011/6/20
- 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) = 14.9 mW/g

Pin=100mW/Zoom Scan (8x8x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm
Reference Value = 56.7 V/m; Power Drift = 0.022 dB
Peak SAR (extrapolated) = 31.2 W/kg
SAR(1 g) = 8.37 mW/g; SAR(10 g) = 2.36 mW/g
Maximum value of SAR (measured) = 13.9 mW/g



0 dB = 13.9mW/g

System Check_Head_5800MHz_110711

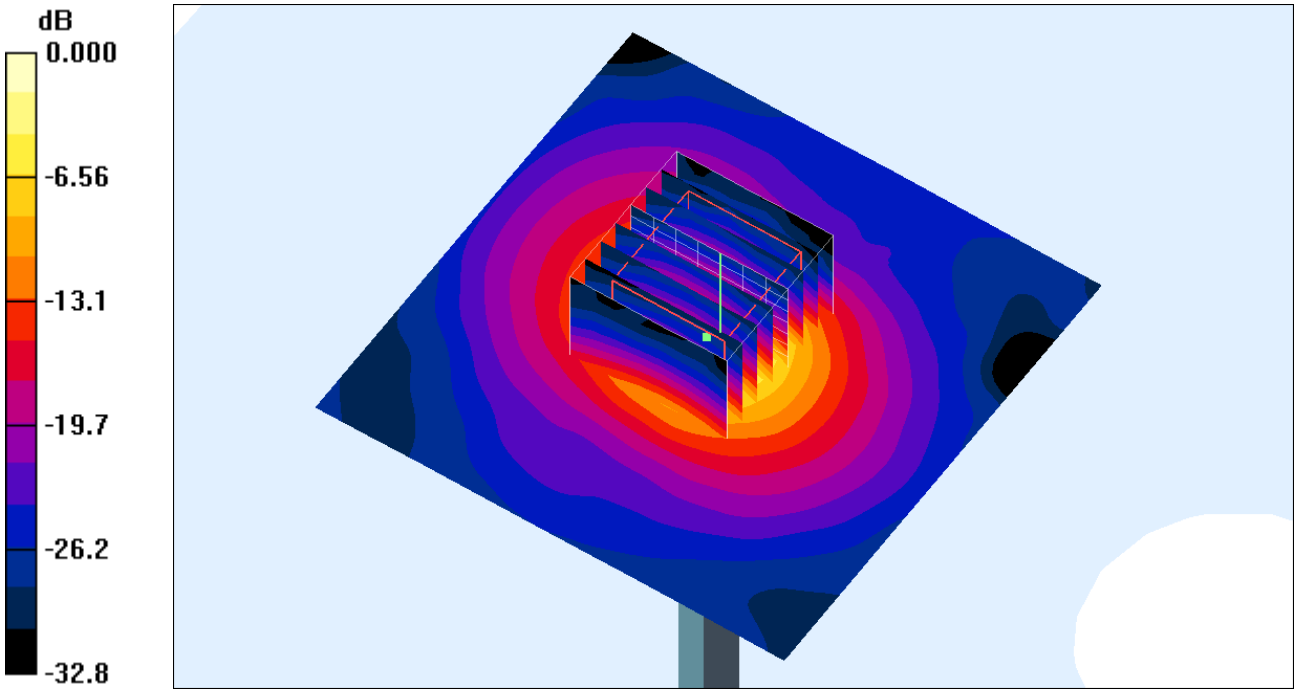
DUT: Dipole 5GHz

Communication System: CW; Frequency: 5800 MHz;Duty Cycle: 1:1
Medium: HSL_5G_110711 Medium parameters used: f = 5800 MHz; σ = 5.42 mho/m; ε_r = 34.3; ρ = 1000 kg/m^3
Ambient Temperature：22.3 ℃； Liquid Temperature：21.3 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3792; ConvF(4.42, 4.42, 4.42); Calibrated: 2011/6/20
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2010/10/22
- 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) = 13.3 mW/g

Pin=100mW/Zoom Scan (8x8x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm
Reference Value = 51.7 V/m; Power Drift = 0.037 dB
Peak SAR (extrapolated) = 28.5 W/kg
SAR(1 g) = 7.45 mW/g; SAR(10 g) = 2.11 mW/g
Maximum value of SAR (measured) = 12.7 mW/g



0 dB = 12.7mW/g

System Check_Head_5800MHz_110716

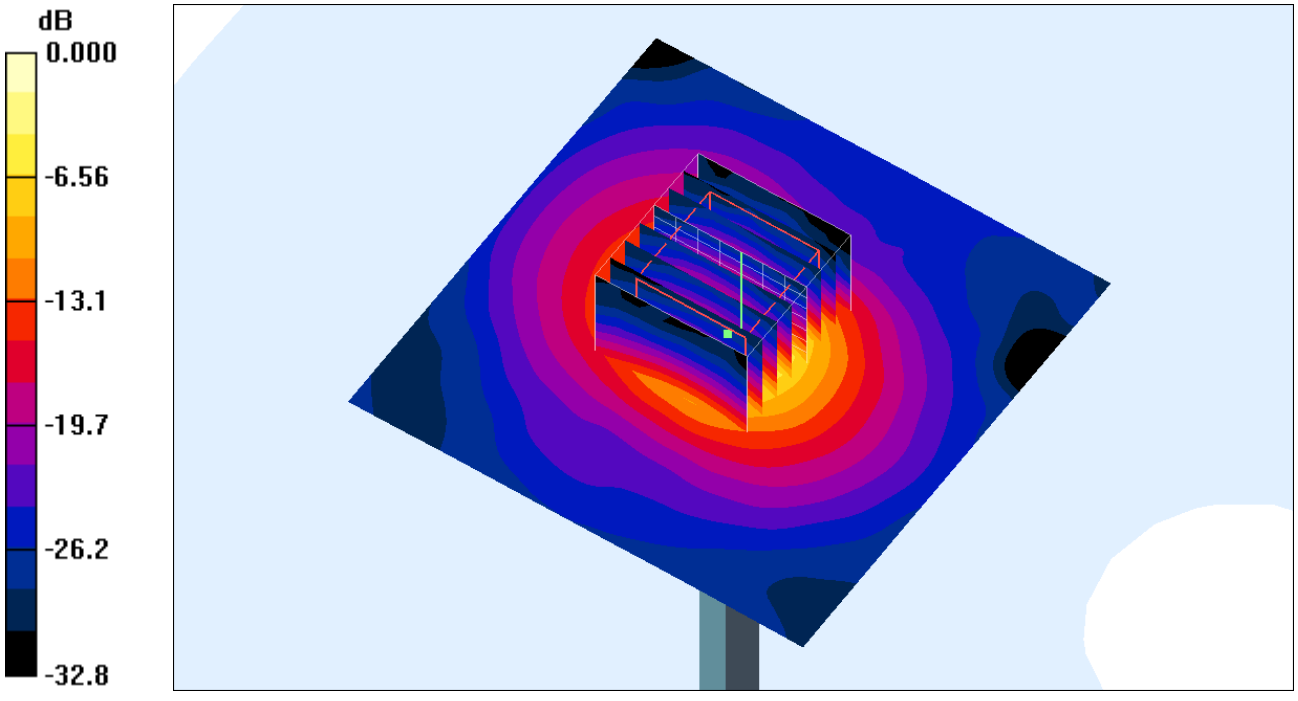
DUT: Dipole 5GHz

Communication System: CW; Frequency: 5800 MHz;Duty Cycle: 1:1
Medium: HSL_5G_110716 Medium parameters used: f = 5800 MHz; σ = 5.39 mho/m; ε_r = 34.4; ρ = 1000 kg/m^3
Ambient Temperature：22.3 ℃; Liquid Temperature：21.3 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3792; ConvF(4.42, 4.42, 4.42); Calibrated: 2011/6/20
- 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) = 13.3 mW/g

Pin=100mW/Zoom Scan (8x8x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm
Reference Value = 51.7 V/m; Power Drift = 0.037 dB
Peak SAR (extrapolated) = 28.3 W/kg
SAR(1 g) = 7.41 mW/g; SAR(10 g) = 2.1 mW/g
Maximum value of SAR (measured) = 12.7 mW/g



0 dB = 12.7mW/g

System Check_Body_5200MHz_110720

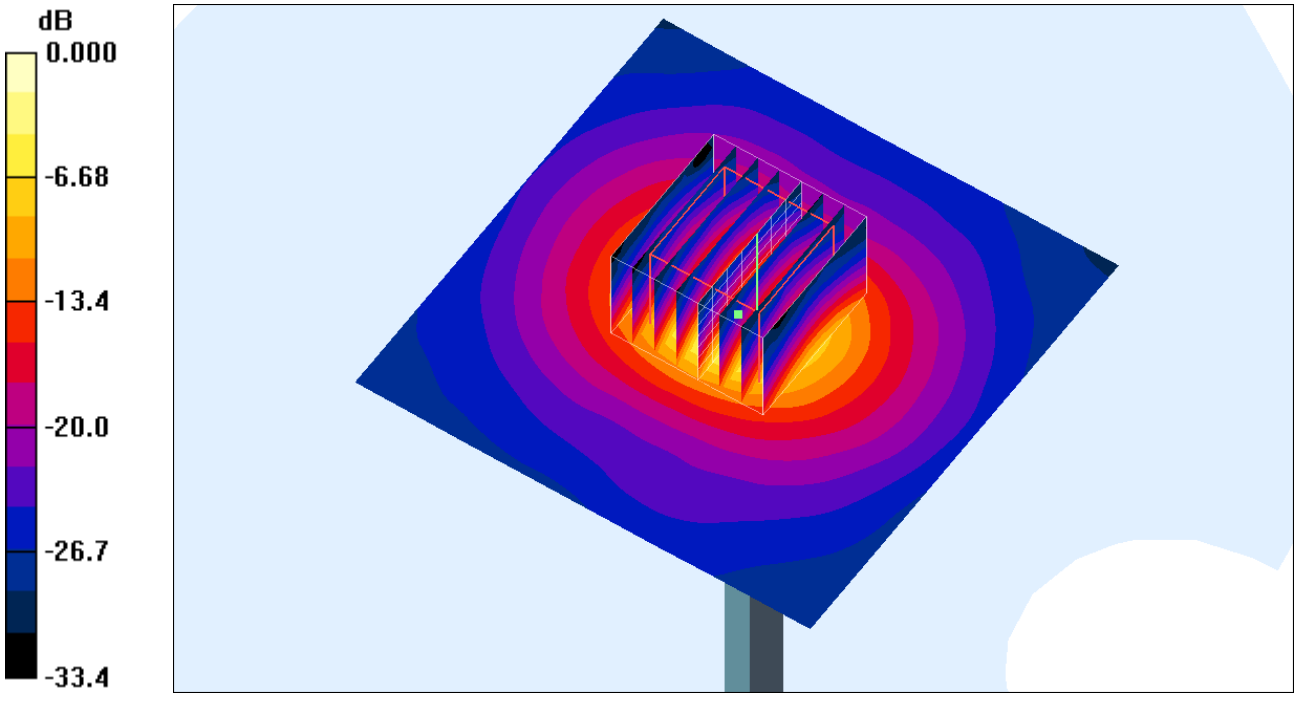
DUT: Dipole 5GHz

Communication System: 802.11a; Frequency: 5200 MHz;Duty Cycle: 1:1
Medium: MSL_5G_110720 Medium parameters used: f = 5200 MHz; σ = 5.33 mho/m; ε_r = 48.6; ρ = 1000 kg/m^3
Ambient Temperature：22.4 ℃; Liquid Temperature：21.4 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3792; ConvF(4.22, 4.22, 4.22); Calibrated: 2011/6/20
- 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) = 14.5 mW/g

Pin=100mW/Zoom Scan (8x8x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm
Reference Value = 54.9 V/m; Power Drift = -0.154 dB
Peak SAR (extrapolated) = 26.8 W/kg
SAR(1 g) = 8.05 mW/g; SAR(10 g) = 2.3 mW/g
Maximum value of SAR (measured) = 13.8 mW/g



0 dB = 13.8mW/g

System Check_Body_5500MHz_110720

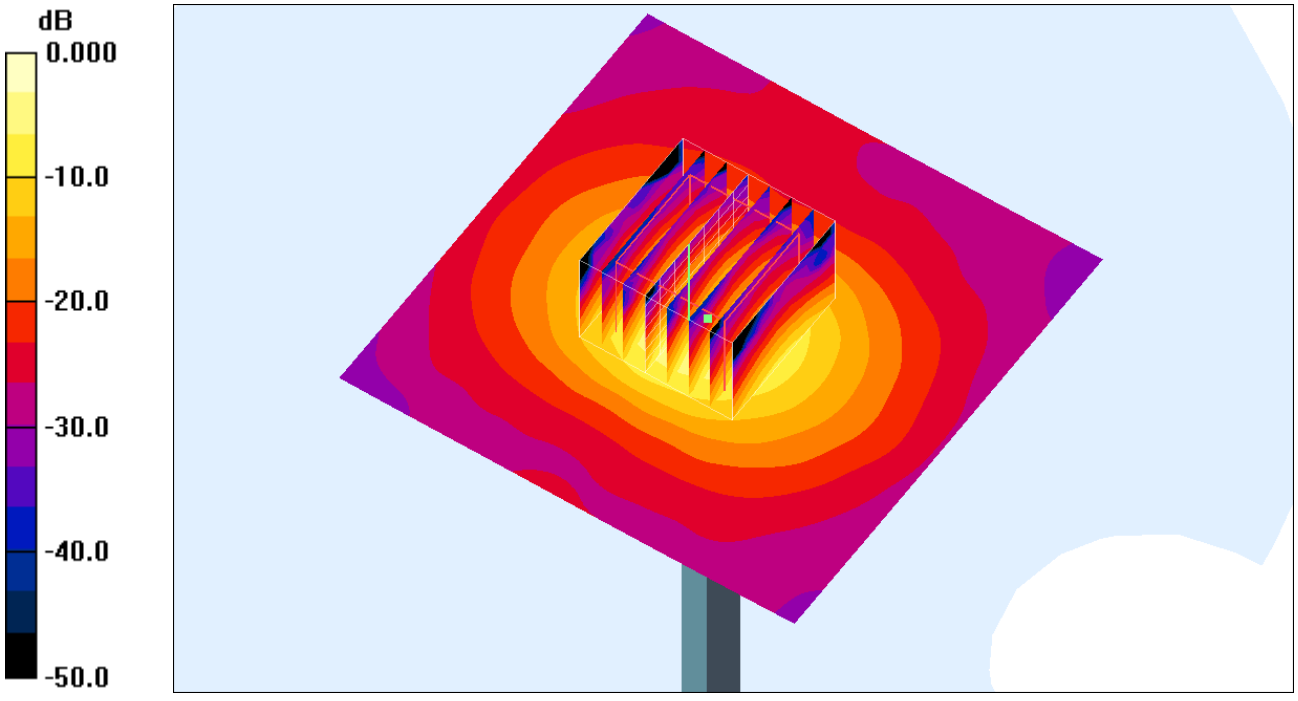
DUT: Dipole 5GHz

Communication System: 802.11a; Frequency: 5500 MHz;Duty Cycle: 1:1
Medium: MSL_5G_110720 Medium parameters used: f = 5500 MHz; σ = 5.74 mho/m; ε_r = 48.1; ρ = 1000 kg/m^3
Ambient Temperature：22.4 ℃； Liquid Temperature：21.4 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3792; ConvF(3.76, 3.76, 3.76); Calibrated: 2011/6/20
- 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) = 15.0 mW/g

Pin=100mW/Zoom Scan (8x8x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm
Reference Value = 56.3 V/m; Power Drift = -0.478 dB
Peak SAR (extrapolated) = 25.6 W/kg
SAR(1 g) = 7.57 mW/g; SAR(10 g) = 2.11 mW/g
Maximum value of SAR (measured) = 12.7 mW/g



0 dB = 12.7mW/g

System Check_Body_5800MHz_110720

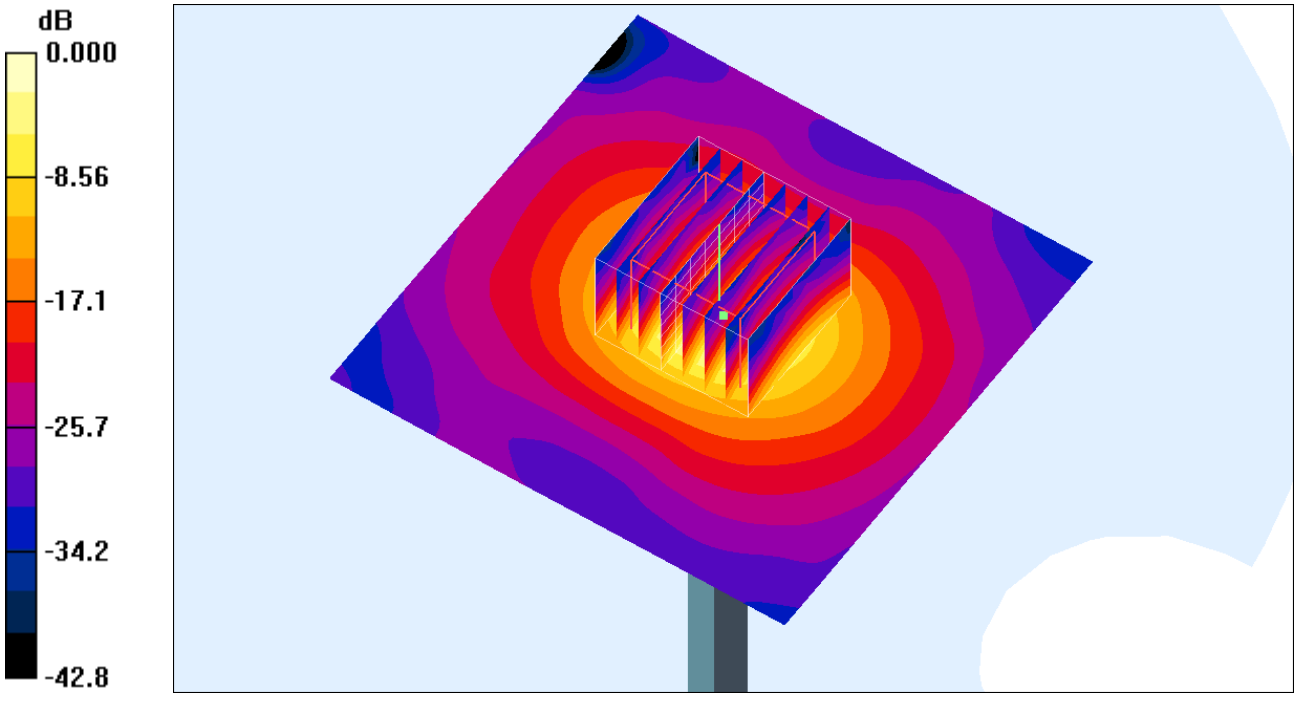
DUT: Dipole 5GHz

Communication System: CW; Frequency: 5800 MHz;Duty Cycle: 1:1
Medium: MSL_5G_110720 Medium parameters used: f = 5800 MHz; σ = 6.11 mho/m; ε_r = 47.4; ρ = 1000 kg/m^3
Ambient Temperature：22.4 ℃; Liquid Temperature：21.4 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3792; ConvF(3.78, 3.78, 3.78); Calibrated: 2011/6/20
- 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) = 13.5 mW/g

Pin=100mW/Zoom Scan (8x8x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm
Reference Value = 50.4 V/m; Power Drift = -0.035 dB
Peak SAR (extrapolated) = 28.5 W/kg
SAR(1 g) = 7.51 mW/g; SAR(10 g) = 2.14 mW/g
Maximum value of SAR (measured) = 12.7 mW/g



0 dB = 12.7mW/g

System Check_Head_5500MHz_110720

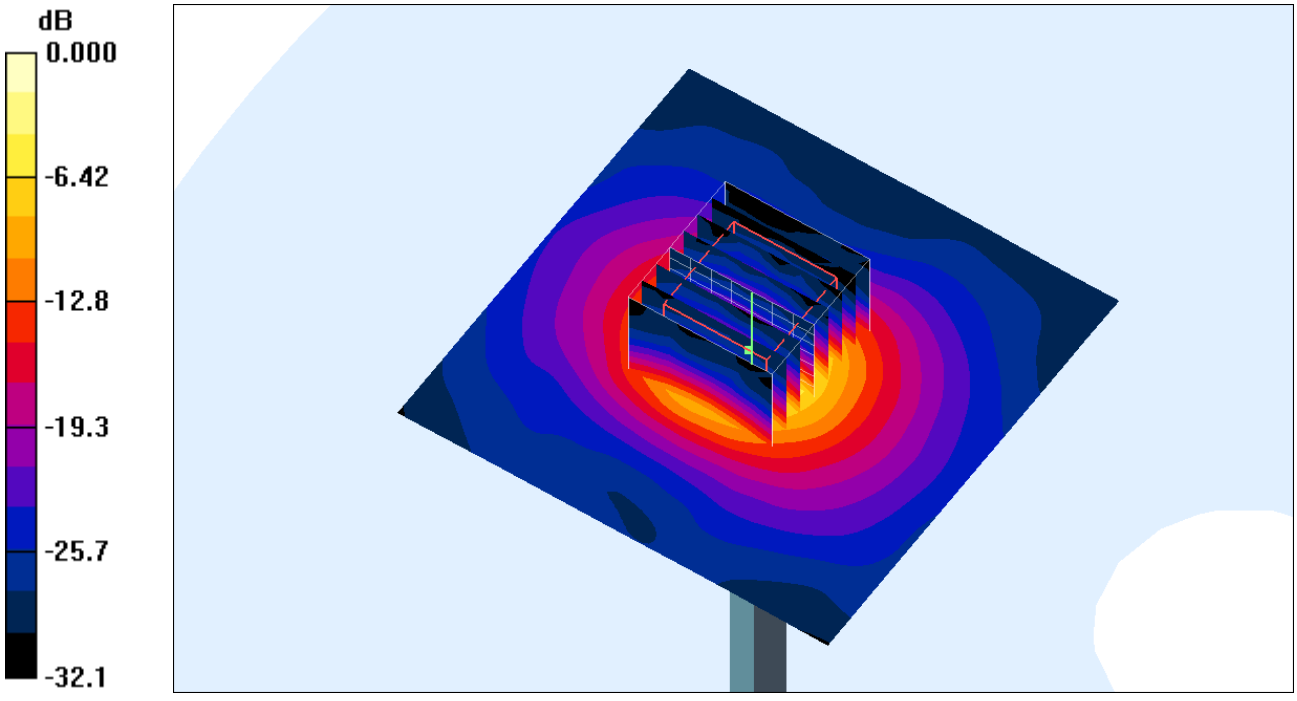
DUT: Dipole 5GHz

Communication System: CW; Frequency: 5500 MHz;Duty Cycle: 1:1
Medium: HSL_5G_110720 Medium parameters used: f = 5500 MHz; σ = 5.1 mho/m; ε_r = 34.9; ρ = 1000 kg/m^3
Ambient Temperature：22.4 ℃； Liquid Temperature：21.4 ℃

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 Sn1279; Calibrated: 2011/6/17
- 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) = 16.6 mW/g

Pin=100mW/Zoom Scan (8x8x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm
Reference Value = 59.3 V/m; Power Drift = 0.098 dB
Peak SAR (extrapolated) = 39.2 W/kg
SAR(1 g) = 9.17 mW/g; SAR(10 g) = 2.58 mW/g
Maximum value of SAR (measured) = 15.8 mW/g



0 dB = 15.8mW/g