System Check_Head_835MHz_121013

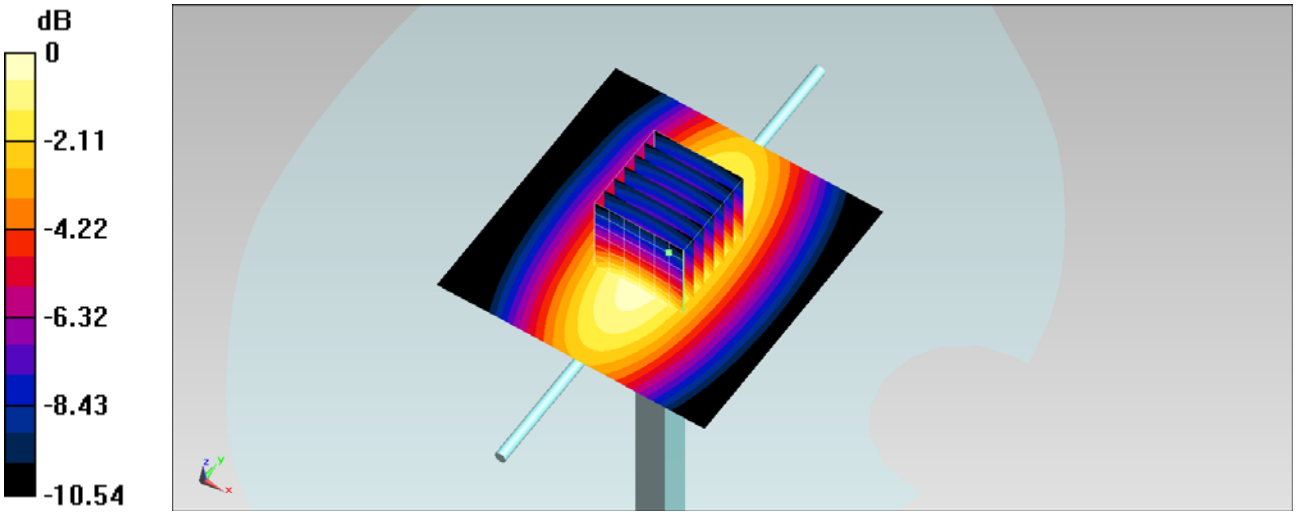
DUT: Dipole 835 MHz

Communication System: CW; Frequency: 835 MHz;Duty Cycle: 1:1
Medium: HSL_850_121013 Medium parameters used: f = 835 MHz; σ = 0.929 mho/m; ε_r = 43.117; ρ = 1000 kg/m^3
Ambient Temperature：22.5 ℃; Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3801; ConvF(8.71, 8.71, 8.71); Calibrated: 2012/6/22;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2012/8/27
- Phantom: SAM-Right; Type: QD 000 P40 C; Serial: TP-1383
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Pin=250mW/Area Scan (61x61x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 2.73 mW/g

Pin=250mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 54.341 V/m; Power Drift = -0.11 dB
Peak SAR (extrapolated) = 3.864 mW/g
SAR(1 g) = 2.54 mW/g; SAR(10 g) = 1.66 mW/g
Maximum value of SAR (measured) = 2.76 mW/g



0 dB = 2.76 mW/g = 8.82 dB mW/g

System Check_Body_835MHz_121012

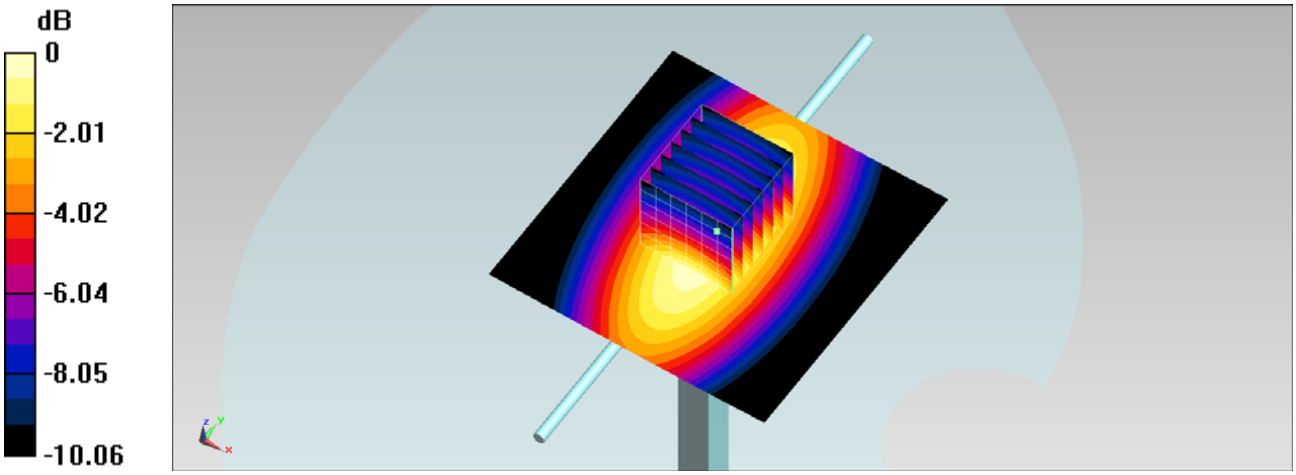
DUT: D835V2-SN:499

Communication System: CW; Frequency: 835 MHz;Duty Cycle: 1:1
Medium: MSL_850_121012 Medium parameters used: f = 835 MHz; σ = 0.981 mho/m; ε_r = 55.337; ρ = 1000 kg/m^3
Ambient Temperature：22.2 ℃； Liquid Temperature：21.2 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3305; ConvF(6.2, 6.2, 6.2); Calibrated: 2012/9/12;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: SAM-Left; Type: QD 000 P40 C; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Pin=250mW/Area Scan (61x61x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 2.33 mW/g

Pin=250mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 49.710 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 3.089 mW/g
SAR(1 g) = 2.3 mW/g; SAR(10 g) = 1.42 mW/g
Maximum value of SAR (measured) = 2.33 mW/g



0 dB = 2.33 mW/g = 7.35 dB mW/g

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2012/10/12

System Check_Body_835MHz_121012

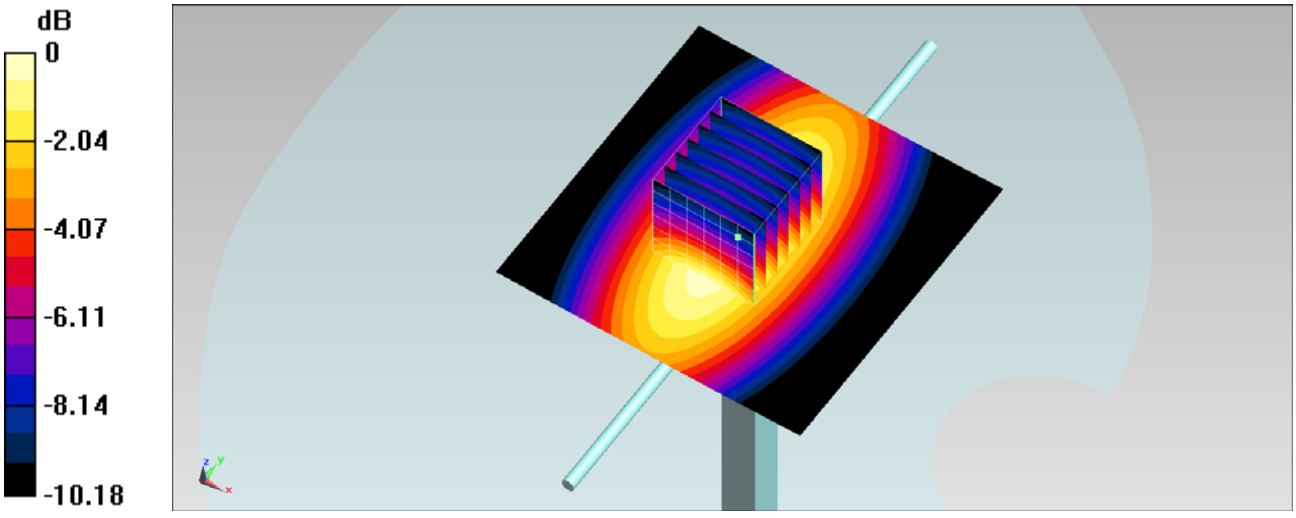
DUT:D835V2-SN:499

Communication System: CW; Frequency: 835 MHz;Duty Cycle: 1:1
Medium: MSL_850_121012 Medium parameters used: f = 835 MHz; σ = 0.983 mho/m; ε_r = 55.352; ρ = 1000 kg/m^3
Ambient Temperature：22.3 ℃; Liquid Temperature：21.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3792; ConvF(8.99, 8.99, 8.99); Calibrated: 2012/6/21;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: SAM-Left; Type: QD 000 P40 C; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Pin=250mW/Area Scan (61x61x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 2.52 mW/g

Pin=250mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 50.470 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 3.503 mW/g
SAR(1 g) = 2.34 mW/g; SAR(10 g) = 1.53 mW/g
Maximum value of SAR (measured) = 2.53 mW/g



0 dB = 2.53 mW/g = 8.06 dB mW/g

System Check_Head_1900MHz_121013

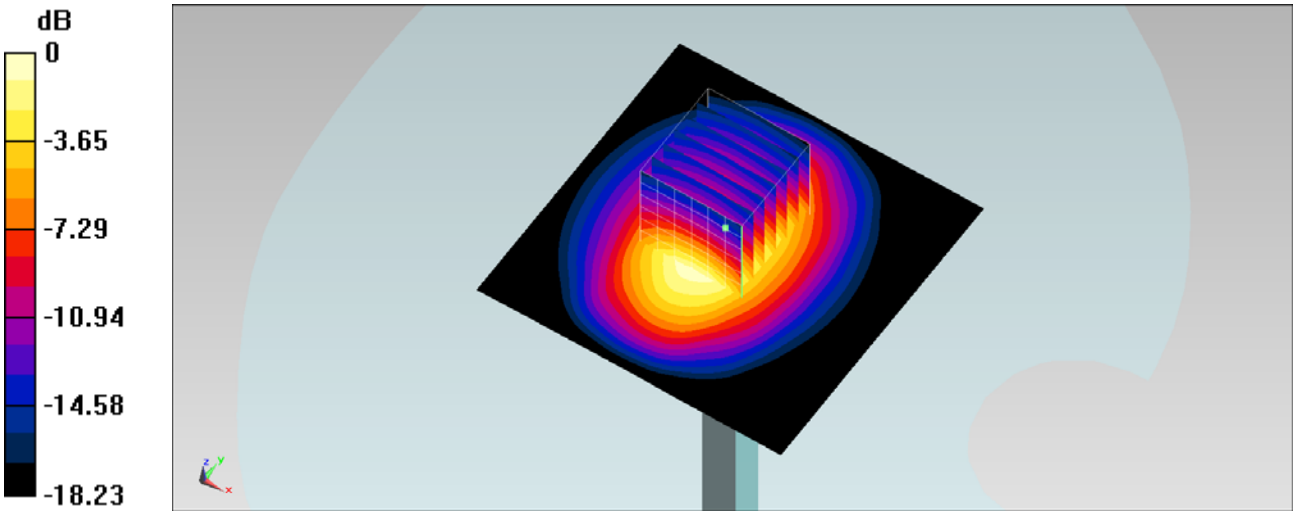
DUT: D1900V2-SN:5d041

Communication System: CW; Frequency: 1900 MHz;Duty Cycle: 1:1
Medium: HSL_1900_121013 Medium parameters used: f = 1900 MHz; σ = 1.432 mho/m; ε_r = 39.04; ρ = 1000 kg/m^3
Ambient Temperature：22.4 ℃; Liquid Temperature：21.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3801; ConvF(7.42, 7.42, 7.42); Calibrated: 2012/6/22;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2012/8/27
- Phantom: SAM-Left; Type: QD 000 P40 C; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Pin=250mW/Area Scan (61x61x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 10.8 mW/g

Pin=250mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 82.918 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 16.849 mW/g
SAR(1 g) = 9.21 mW/g; SAR(10 g) = 4.86 mW/g
Maximum value of SAR (measured) = 10.2 mW/g



0 dB = 10.2 mW/g = 20.17 dB mW/g

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2012/10/12

System Check_Body_1900MHz_121012

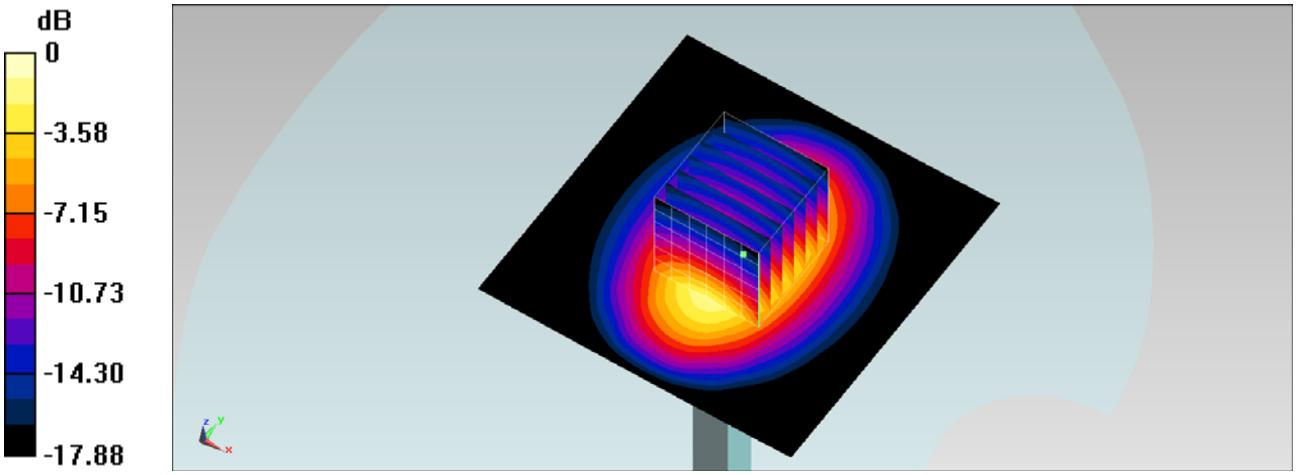
DUT: D1900V2-SN:5d041

Communication System: CW; Frequency: 1900 MHz;Duty Cycle: 1:1
Medium: MSL_1900_121012 Medium parameters used: f = 1900 MHz; σ = 1.532 mho/m; ε_r = 52.328; ρ = 1000 kg/m^3
Ambient Temperature：22.8 ℃; Liquid Temperature：21.8 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3305; ConvF(4.96, 4.96, 4.96); Calibrated: 2012/9/12;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: SAM-Right; Type: QD 000 P40 C; Serial: TP-1383
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Pin=250mW/Area Scan (91x91x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 10.7 mW/g

Pin=250mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 84.075 V/m; Power Drift = -0.020 dB
Peak SAR (extrapolated) = 17.548 mW/g
SAR(1 g) = 9.43 mW/g; SAR(10 g) = 4.85 mW/g
Maximum value of SAR (measured) = 10.7 mW/g



0 dB = 10.7 mW/g = 20.59 dB mW/g

System Check_Head_2450MHz_121014

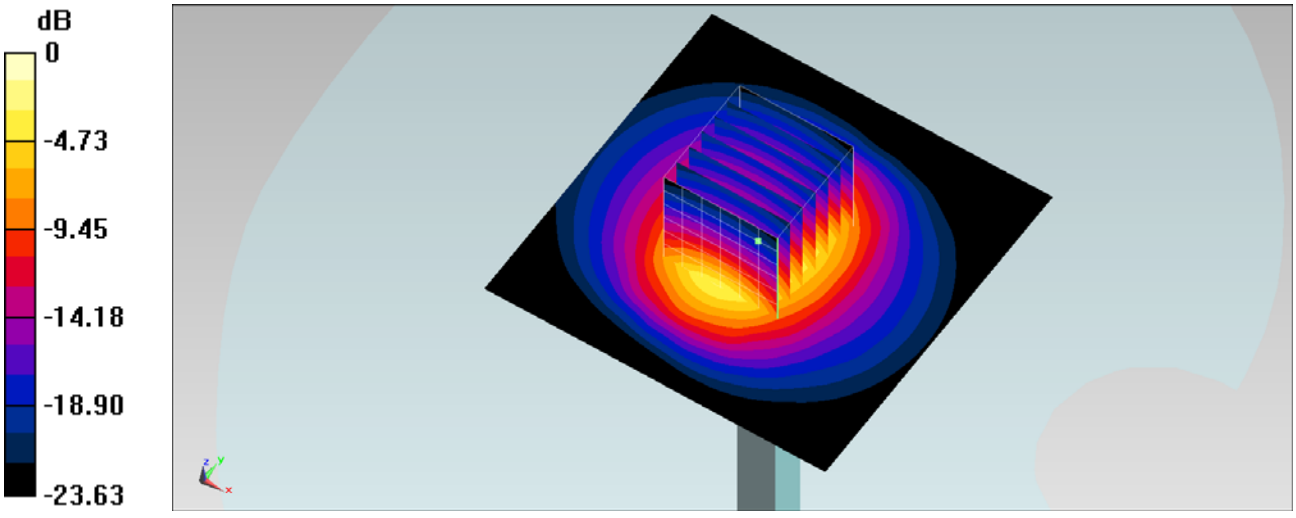
DUT: D2450V2-SN:736

Communication System: CW; Frequency: 2450 MHz;Duty Cycle: 1:1
Medium: HSL_2450_121014 Medium parameters used: f = 2450 MHz; σ = 1.811 mho/m; ε_r = 37.419; ρ = 1000 kg/m^3
Ambient Temperature：22.5 ℃; Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3801; ConvF(6.7, 6.7, 6.7); Calibrated: 2012/6/22;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2012/8/27
- Phantom: SAM-Right; Type: QD 000 P40 C; Serial: TP-1383
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Pin=250mW/Area Scan (91x91x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 15.3 mW/g

Pin=250mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 90.411 V/m; Power Drift = 0.10 dB
Peak SAR (extrapolated) = 30.042 mW/g
SAR(1 g) = 13.3 mW/g; SAR(10 g) = 5.92 mW/g
Maximum value of SAR (measured) = 15.2 mW/g



0 dB = 15.2 mW/g = 23.64 dB mW/g

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2012/10/14

System Check_Body_2450MHz_121014

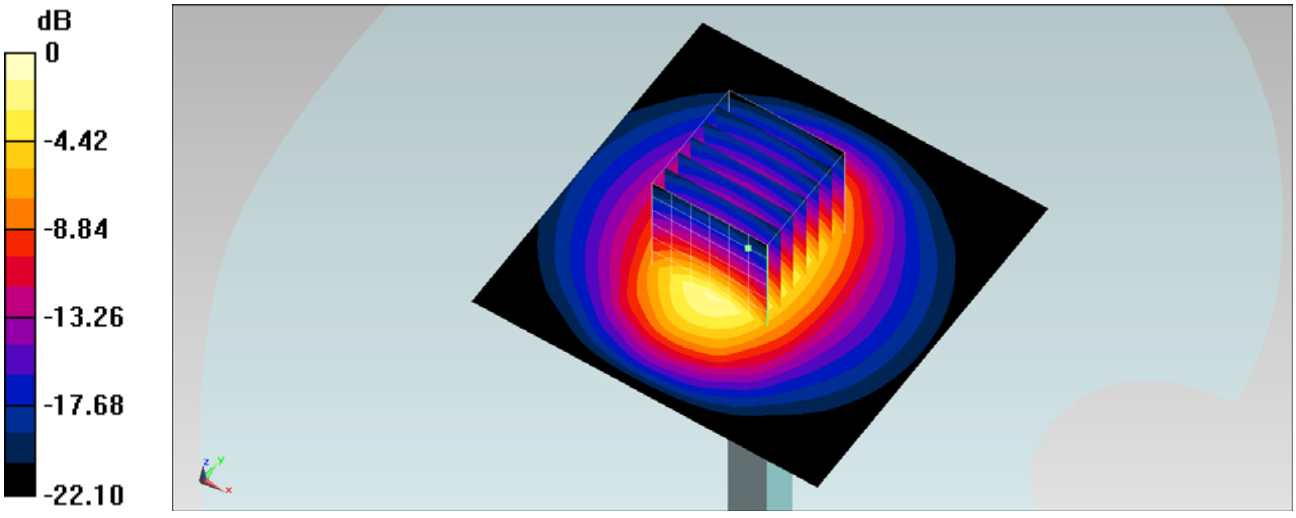
DUT:D2450V2-SN:736

Communication System: CW; Frequency: 2450 MHz;Duty Cycle: 1:1
Medium: MSL_2450_121014 Medium parameters used: f = 2450 MHz; σ = 1.966 mho/m; ε_r = 52.714; ρ = 1000 kg/m^3
Ambient Temperature：22.2 ℃; Liquid Temperature：21.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3801; ConvF(6.59, 6.59, 6.59); Calibrated: 2012/6/22;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2012/8/27
- Phantom: SAM-Right; Type: QD 000 P40 C; Serial: TP-1383
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Pin=250mW/Area Scan (91x91x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 15.4 mW/g

Pin=250mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 86.120 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 29.842 mW/g
SAR(1 g) = 13.6 mW/g; SAR(10 g) = 6.49 mW/g
Maximum value of SAR (measured) = 15.1 mW/g



0 dB = 15.1 mW/g = 23.58 dB mW/g

System Check_Head_5200MHz_121008

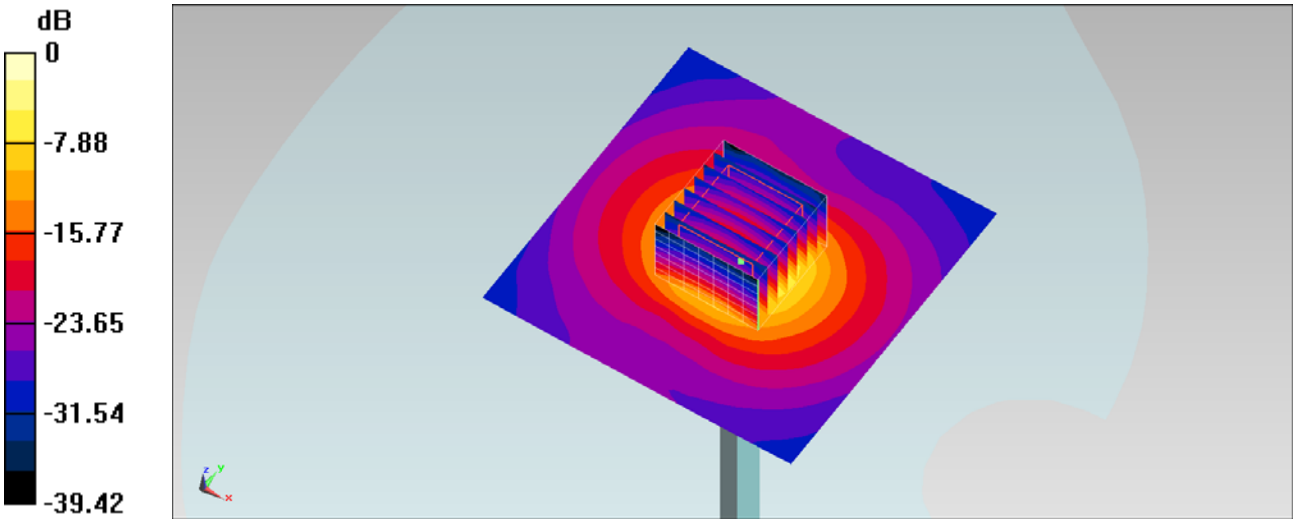
DUT: D5GHzV2-SN:1006

Communication System: CW; Frequency: 5200 MHz;Duty Cycle: 1:1
Medium: HSL_5G_121008 Medium parameters used: f = 5200 MHz; σ = 4.795 mho/m; ε_r = 35.457; ρ = 1000 kg/m^3
Ambient Temperature：22.5 ℃； Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3578; ConvF(4.55, 4.55, 4.55); Calibrated: 2012/6/21;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2012/8/27
- Phantom: SAM-Right; Type: QD 000 P40 C; Serial: TP-1383
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Pin=250mW/Area Scan (91x91x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 33.4 mW/g

Pin=250mW/Zoom Scan (8x8x8)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 90.040 V/m; Power Drift = -0.122 dB
Peak SAR (extrapolated) = 70.984 mW/g
SAR(1 g) = 19.1 mW/g; SAR(10 g) = 5.43 mW/g
Maximum value of SAR (measured) = 31.8 mW/g



0 dB = 31.8 mW/g = 30.05 dB mW/g

System Check_Body_5200MHz_121009

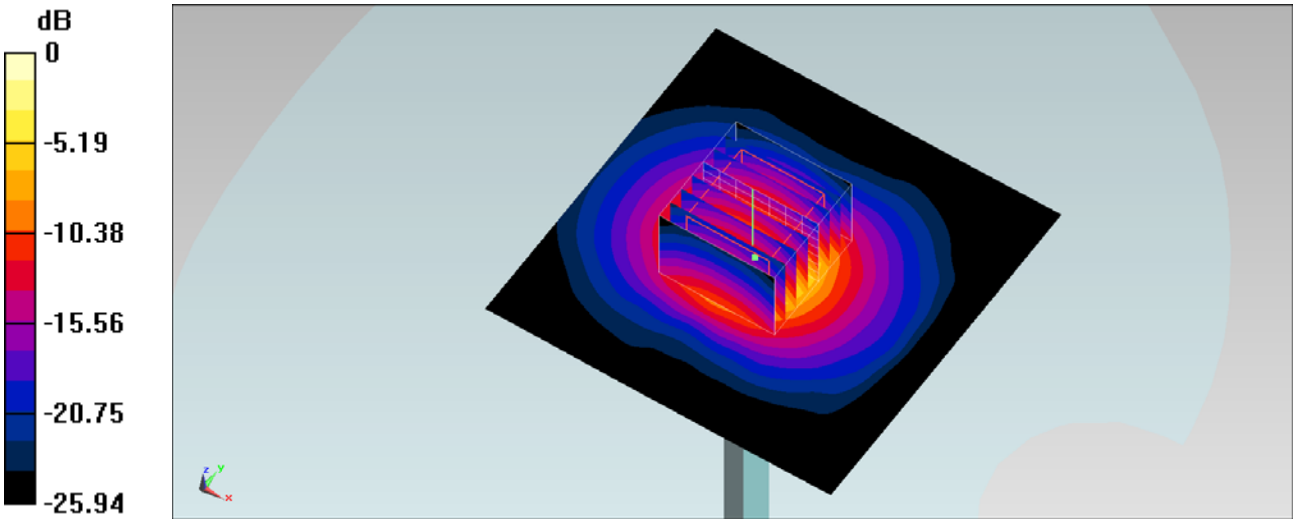
DUT: D5GHzV2-SN:1006

Communication System: CW; Frequency: 5200 MHz;Duty Cycle: 1:1
Medium: MSL_5G_121009 Medium parameters used: f = 5200 MHz; σ = 5.279 mho/m; ε_r = 48.534; ρ = 1000 kg/m^3
Ambient Temperature：22.9 ℃; Liquid Temperature：21.9 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3578; ConvF(3.93, 3.93, 3.93); Calibrated: 2012/6/21;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2012/8/27
- Phantom: SAM-Left; Type: QD 000 P40 C; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Pin=250mW/Area Scan (91x91x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 28.3 mW/g

Pin=250mW/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 0.611 V/m; Power Drift = 0.029 dB
Peak SAR (extrapolated) = 40.612 mW/g
SAR(1 g) = 16.7 mW/g; SAR(10 g) = 5.61 mW/g
Maximum value of SAR (measured) = 25.0 mW/g



0 dB = 25.0 mW/g = 27.96 dB mW/g

System Check_Head_5500MHz_121008

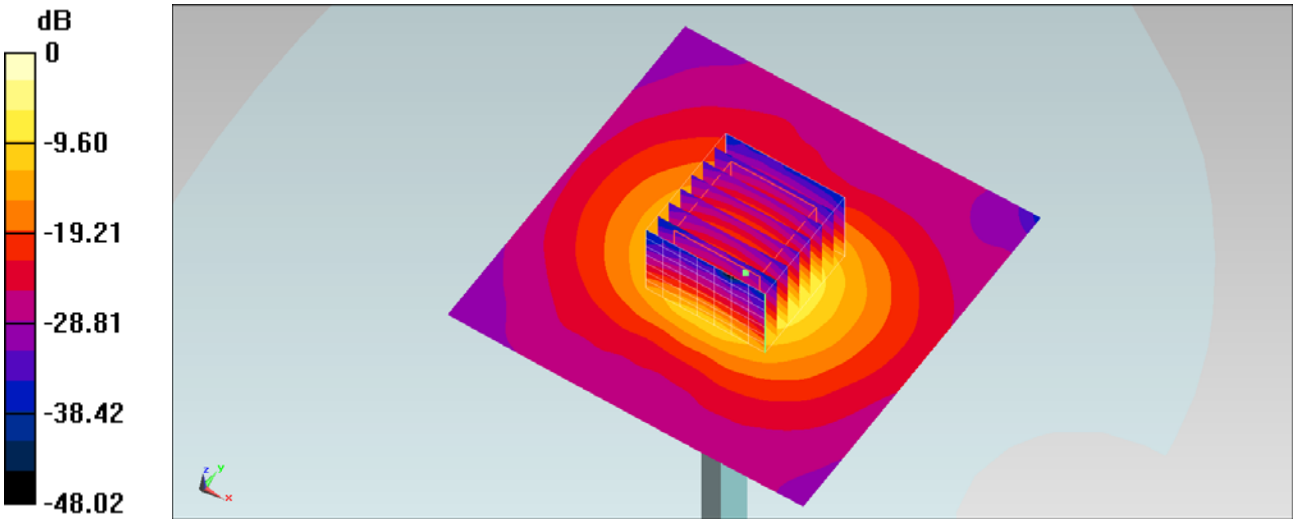
DUT: D5GHzV2-SN:1006

Communication System: CW; Frequency: 5500 MHz;Duty Cycle: 1:1
Medium: HSL_5G_121008 Medium parameters used: f = 5500 MHz; σ = 5.111 mho/m; ε_r = 34.97; ρ = 1000 kg/m^3
Ambient Temperature：22.5 ℃; Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3578; ConvF(4.07, 4.07, 4.07); Calibrated: 2012/6/21;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2012/8/27
- Phantom: SAM-Right; Type: QD 000 P40 C; Serial: TP-1383
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Pin=250mW/Area Scan (91x91x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 34.8 mW/g

Pin=250mW/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 90.461 V/m; Power Drift = -0.18 dB
Peak SAR (extrapolated) = 77.820 mW/g
SAR(1 g) = 20.3 mW/g; SAR(10 g) = 5.7 mW/g
Maximum value of SAR (measured) = 33.6 mW/g



0 dB = 33.6 mW/g = 30.53 dB mW/g

System Check_Body_5500MHz_121009

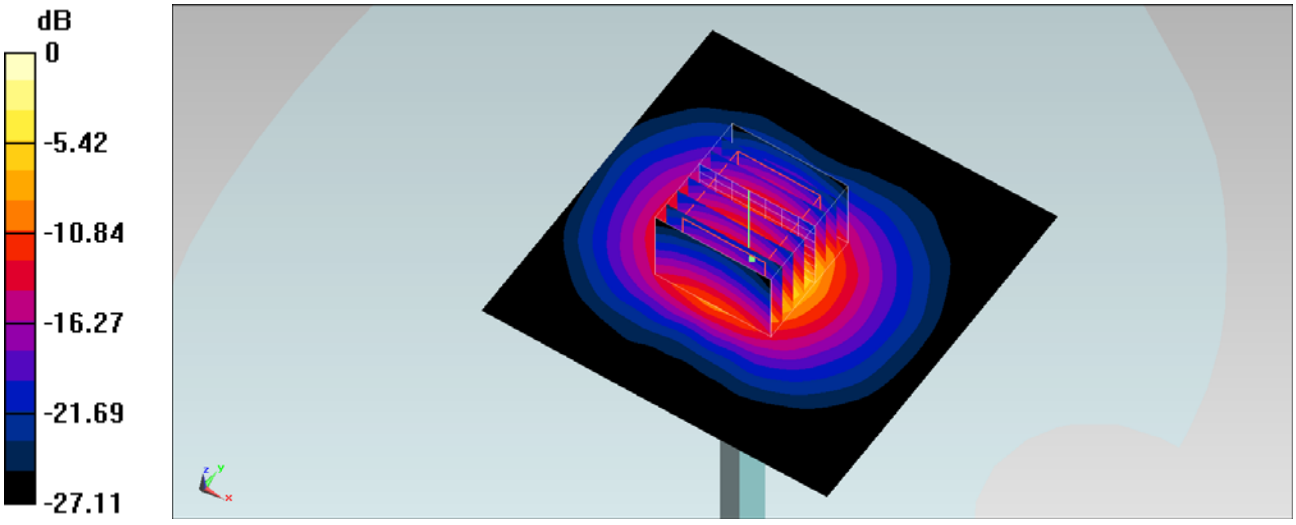
DUT: D5GHzV2-SN:1006

Communication System: CW; Frequency: 5500 MHz;Duty Cycle: 1:1
Medium: MSL_5G_121009 Medium parameters used: f = 5500 MHz; σ = 5.717 mho/m; ε_r = 47.955; ρ = 1000 kg/m^3
Ambient Temperature：22.9 ℃; Liquid Temperature：21.9 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3578; ConvF(3.45, 3.45, 3.45); Calibrated: 2012/6/21;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2012/8/27
- Phantom: SAM-Left; Type: QD 000 P40 C; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Pin=250mW/Area Scan (91x91x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 30.6 mW/g

Pin=250mW/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 72.272 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 44.971 mW/g
SAR(1 g) = 18.6 mW/g; SAR(10 g) = 6.11 mW/g
Maximum value of SAR (measured) = 28.4 mW/g



0 dB = 28.4 mW/g = 29.07 dB mW/g