Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2013.09.28

System Check_Head_835MHz_130928

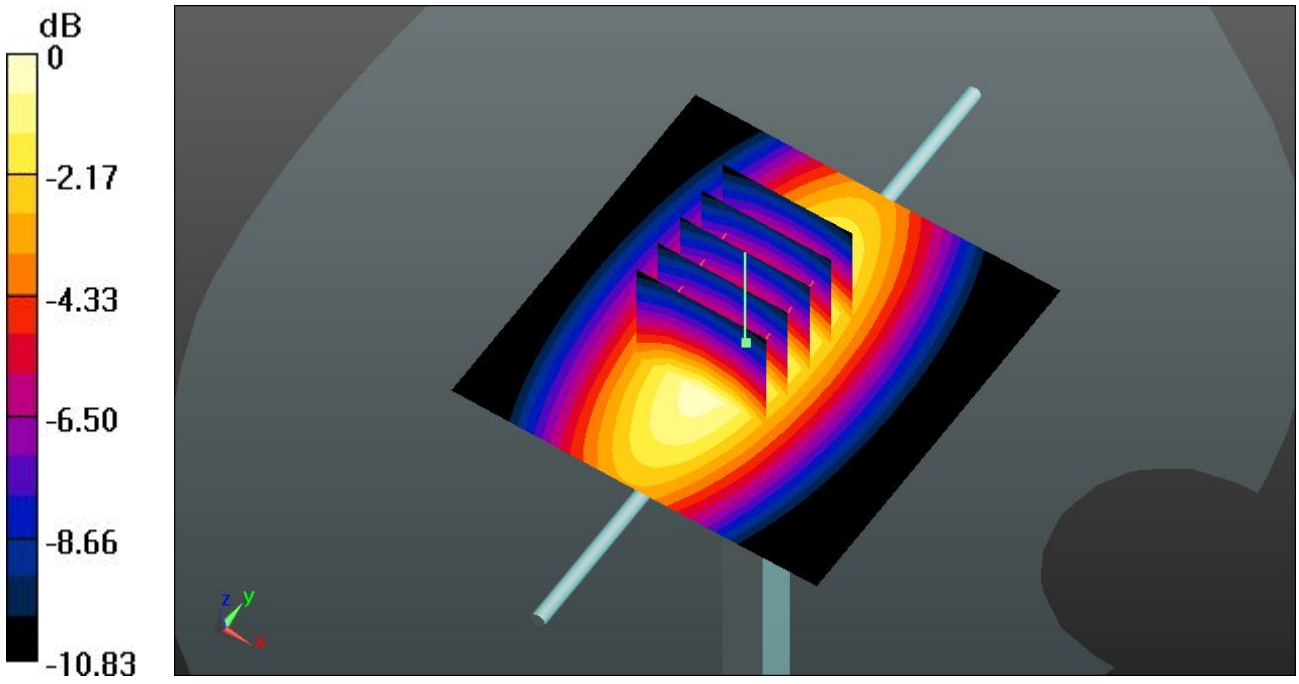
DUT: D835V2-SN:4d091

Communication System: CW; Frequency: 835 MHz;Duty Cycle: 1:1
Medium: HSL_835_130928 Medium parameters used: f = 835 MHz; σ = 0.91 mho/m; ε_r = 42.91; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃; Liquid Temperature：22.8 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(9.56, 9.56, 9.56); Calibrated: 2012.11.26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Pin=250mW/Area Scan (61x61x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 3.22 W/kg

Pin=250mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 60.209 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 3.834 mW/g
SAR(1 g) = 2.53 mW/g; SAR(10 g) = 1.65 mW/g
Maximum value of SAR (measured) = 3.23 W/kg



0 dB = 3.23 W/kg

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2013.09.28

System Check_Body_835MHz_130928

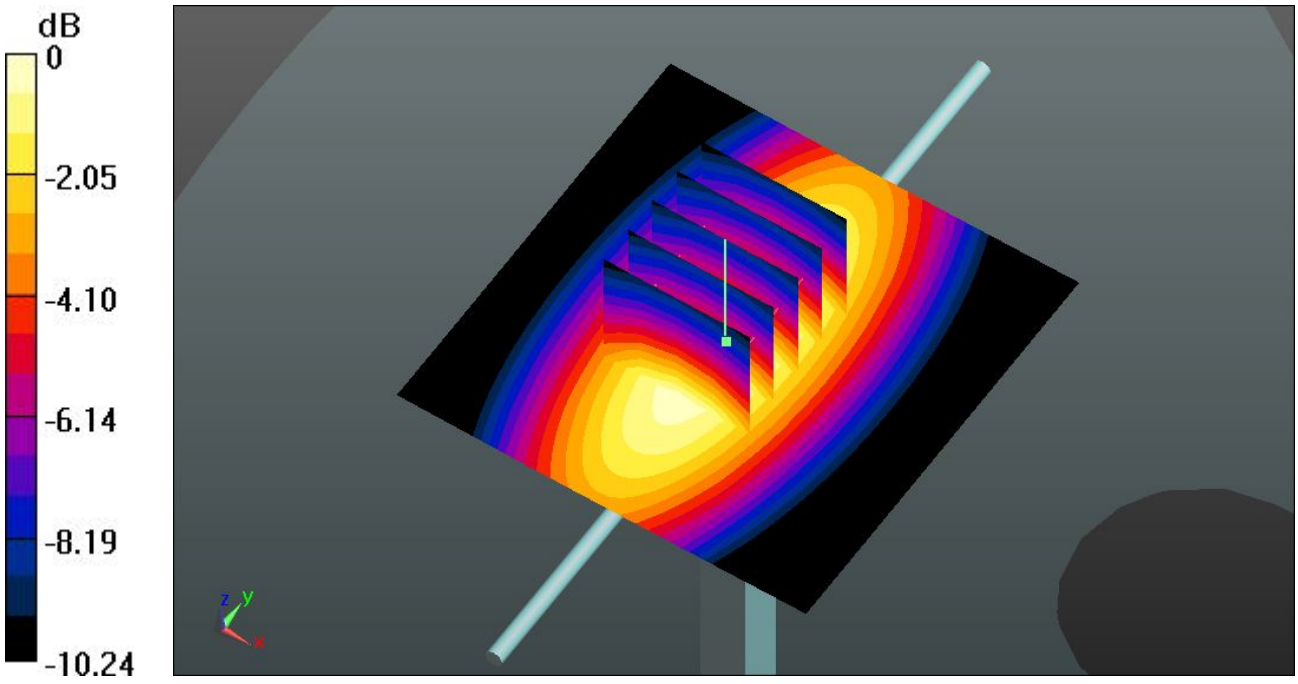
DUT: D835V2-SN:4d091

Communication System: CW; Frequency: 835 MHz;Duty Cycle: 1:1
Medium: MSL_835_130928 Medium parameters used: f = 835 MHz; σ = 1.011 mho/m; ε_r = 56.243; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：22.8 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(9.5, 9.5, 9.5); Calibrated: 2012.11.26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Pin=250mW/Area Scan (61x61x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 2.75 W/kg

Pin=250mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 52.277 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 3.736 mW/g
SAR(1 g) = 2.55 mW/g; SAR(10 g) = 1.69 mW/g
Maximum value of SAR (measured) = 2.74 W/kg



0 dB = 2.74 W/kg

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2013.09.26

System Check_Head_1900MHz_130926

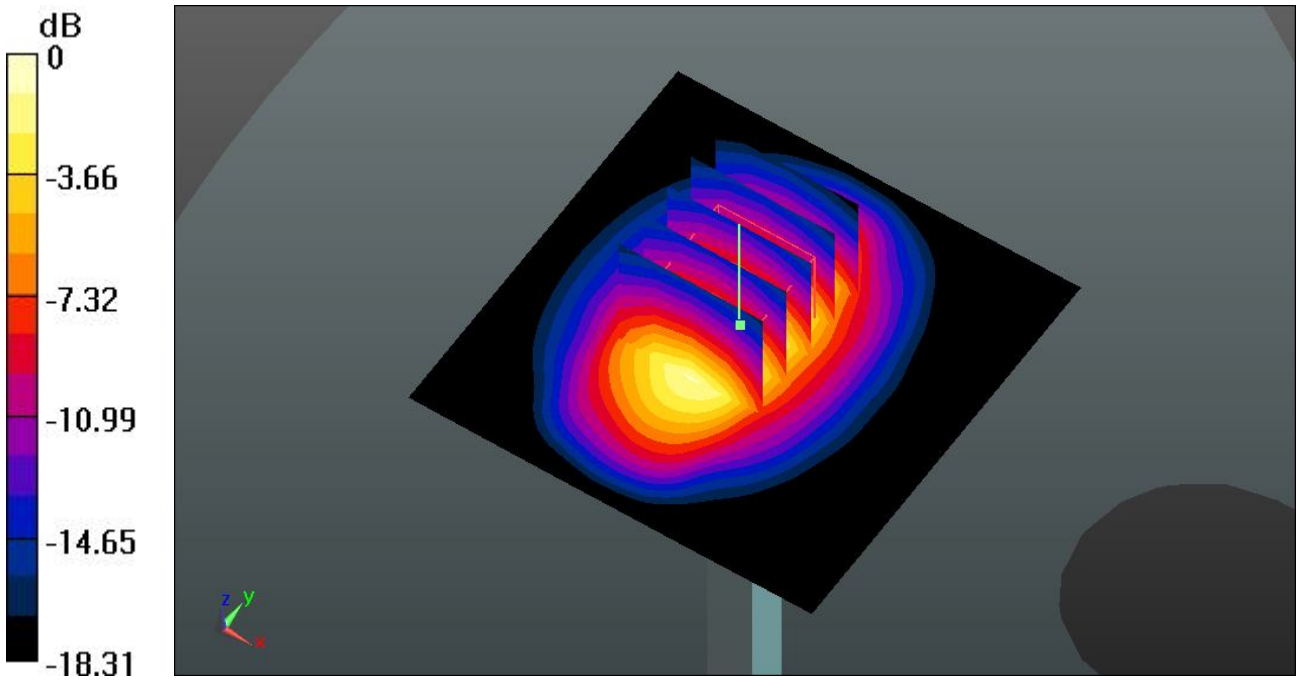
DUT: D1900V2-SN:5d118

Communication System: CW; Frequency: 1900 MHz;Duty Cycle: 1:1
Medium: HSL_1900_130926 Medium parameters used: f = 1900 MHz; σ = 1.417 mho/m; ε_r = 40.994; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：22.7 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(7.84, 7.84, 7.84); Calibrated: 2012.11.26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Pin=250mW/Area Scan (61x61x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 13.4 W/kg

Pin=250mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 95.621 V/m; Power Drift = -0.07 dB
Peak SAR (extrapolated) = 17.023 mW/g
SAR(1 g) = 9.3 mW/g; SAR(10 g) = 4.84 mW/g
Maximum value of SAR (measured) = 13.2 W/kg



0 dB = 13.2 W/kg

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2013.09.26

System Check_Body_1900MHz_130926

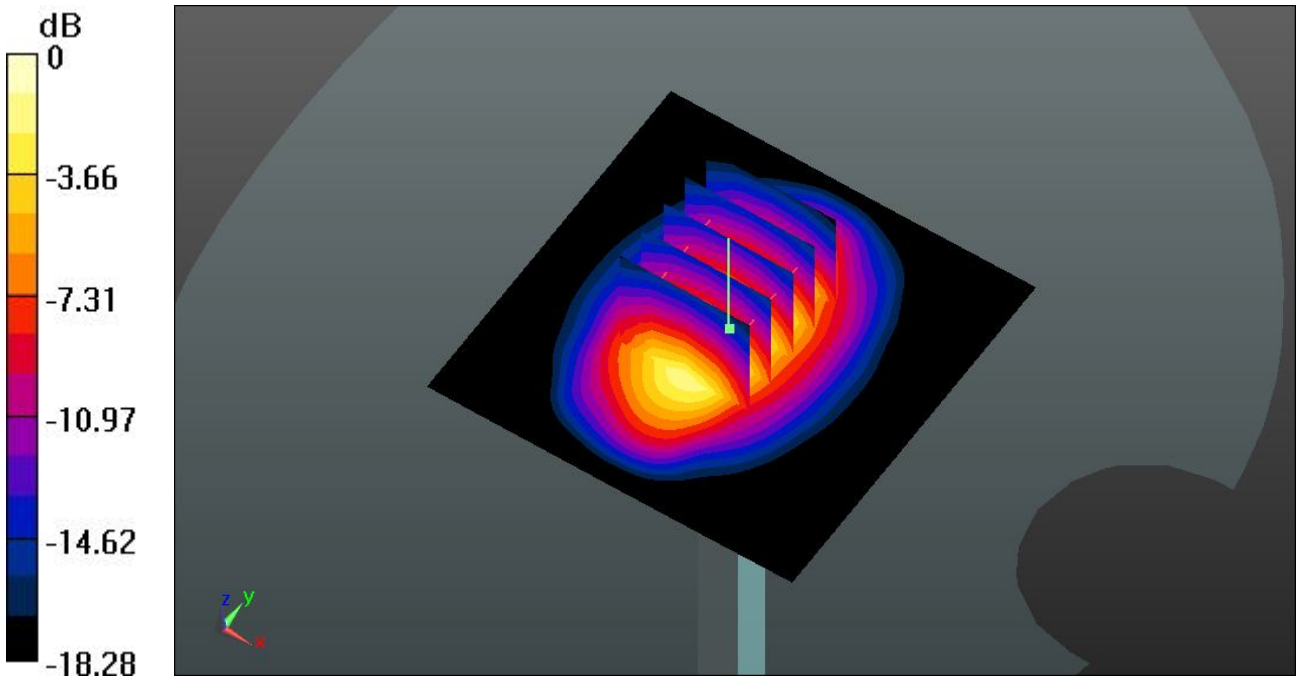
DUT: D1900V2-SN:5d118

Communication System: CW; Frequency: 1900 MHz;Duty Cycle: 1:1
Medium: MSL_1900_130926 Medium parameters used: f = 1900 MHz; σ = 1.533 mho/m; ε_r = 54.611; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：22.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(7.67, 7.67, 7.67); Calibrated: 2012.11.26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Pin=250mW/Area Scan (61x61x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 14.5 W/kg

Pin=250mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 85.872 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 18.503 mW/g
SAR(1 g) = 10.2 mW/g; SAR(10 g) = 5.29 mW/g
Maximum value of SAR (measured) = 14.6 W/kg



0 dB = 14.6 W/kg

System Check_Head_2450MHz_131016

DUT: D2450V2-SN:736

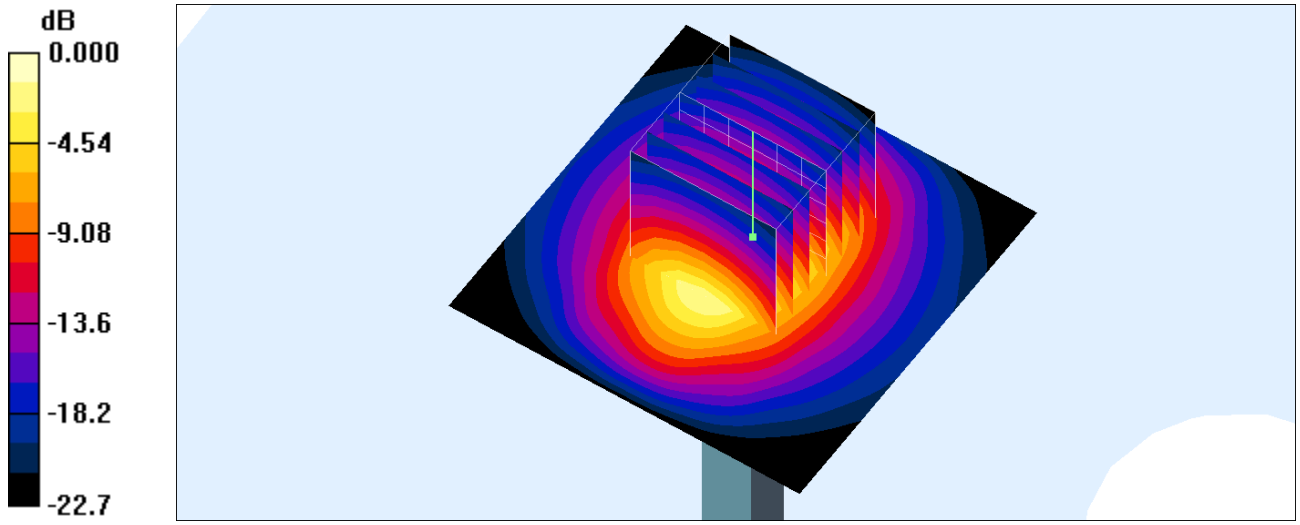
Communication System: CW; Frequency: 2450 MHz;Duty Cycle: 1:1
Medium: HSL_2450_131016 Medium parameters used: f = 2450 MHz; σ = 1.84 mho/m; ε_r = 39.3; ρ = 1000 kg/m^3

Ambient Temperature：23.5 ℃； Liquid Temperature：22.5 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3801; ConvF(6.92, 6.92, 6.92); Calibrated: 2013/6/20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2013/8/21
- Phantom: SAM_Left; Type: SAM; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Pin=250mW/Area Scan (61x61x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (interpolated) = 21.5 mW/g

Pin=250mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 106.9 V/m; Power Drift = 0.037 dB
Peak SAR (extrapolated) = 28.5 W/kg
SAR(1 g) = 13.6 mW/g; SAR(10 g) = 6.29 mW/g
Maximum value of SAR (measured) = 20.7 mW/g



0 dB = 20.7mW/g

System Check_Body_2450MHz_131016

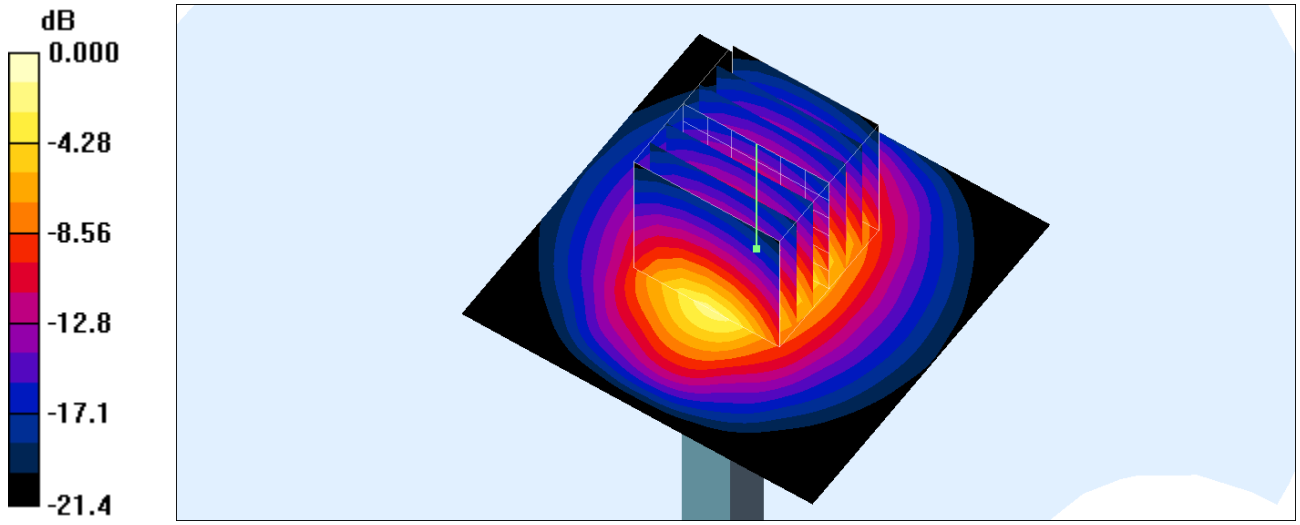
DUT: D2450V2-SN:736

Communication System: CW ; Frequency: 2450 MHz;Duty Cycle: 1:1
Medium: MSL_2450_131016 Medium parameters used: f = 2450 MHz; σ = 2.02 mho/m; ε_r = 53.8; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃; Liquid Temperature：22.6 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3801; ConvF(6.69, 6.69, 6.69); Calibrated: 2013/6/20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2013/8/21
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Pin=250mW/Area Scan (61x61x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (interpolated) = 19.2 mW/g

Pin=250mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 95.8 V/m; Power Drift = 0.053 dB
Peak SAR (extrapolated) = 25.6 W/kg
SAR(1 g) = 12.5 mW/g; SAR(10 g) = 5.84 mW/g
Maximum value of SAR (measured) = 19.0 mW/g



0 dB = 19.0mW/g

System Check_Head_5200MHz_131015

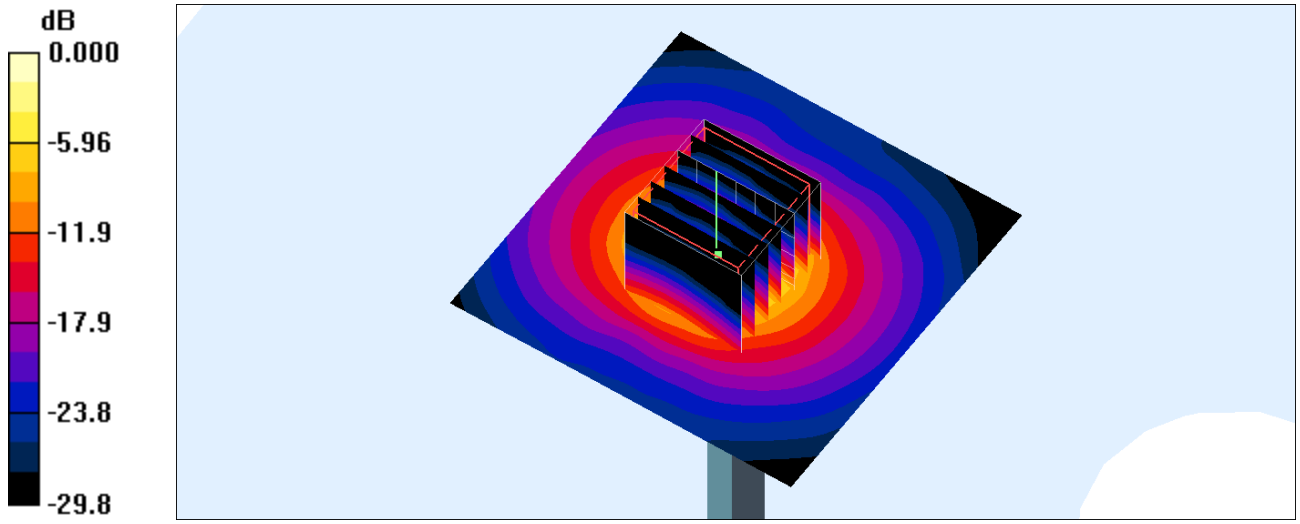
DUT: D5GHzV2-SN:1128

Communication System: CW; Frequency: 5200 MHz;Duty Cycle: 1:1
Medium: HSL_5G_131015 Medium parameters used: f = 5200 MHz; σ = 4.8 mho/m; ε_r = 35.5; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃； Liquid Temperature：22.4 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3801; ConvF(4.91, 4.91, 4.91); Calibrated: 2013/6/20
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2013/8/21
- 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 (71x71x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 18.6 mW/g

Pin=100mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 49.7 V/m; Power Drift = 0.103 dB
Peak SAR (extrapolated) = 33.2 W/kg
SAR(1 g) = 7.99 mW/g; SAR(10 g) = 2.22 mW/g
Maximum value of SAR (measured) = 19.4 mW/g



0 dB = 19.4mW/g

System Check_Body_5200MHz_131016

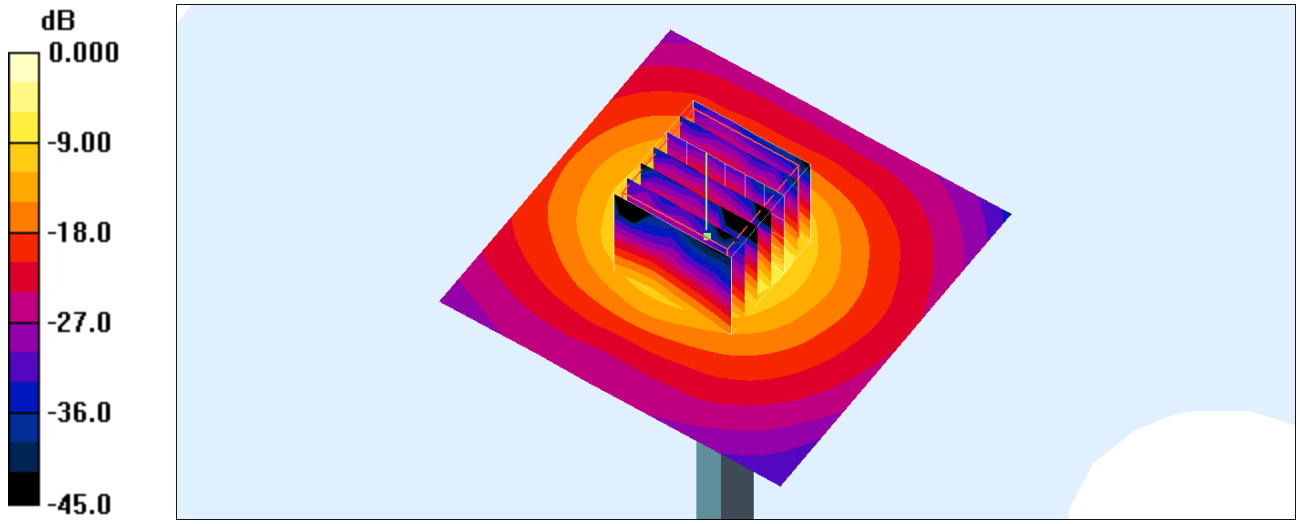
DUT: D5GHzV2-SN:1128

Communication System: CW; Frequency: 5200 MHz;Duty Cycle: 1:1
Medium: MSL_5G_131016 Medium parameters used: f = 5200 MHz; σ = 5.32 mho/m; ε_r = 47.5; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃； Liquid Temperature：22.2 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3801; ConvF(4.24, 4.24, 4.24); Calibrated: 2013/6/20
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2013/8/21
- 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 (71x71x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 18.6 mW/g

Pin=100mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 52.7 V/m; Power Drift = 0.019 dB
Peak SAR (extrapolated) = 30.5 W/kg
SAR(1 g) = 7.21 mW/g; SAR(10 g) = 1.93 mW/g
Maximum value of SAR (measured) = 18.2 mW/g



0 dB = 18.2mW/g

System Check_Head_5300MHz_131015

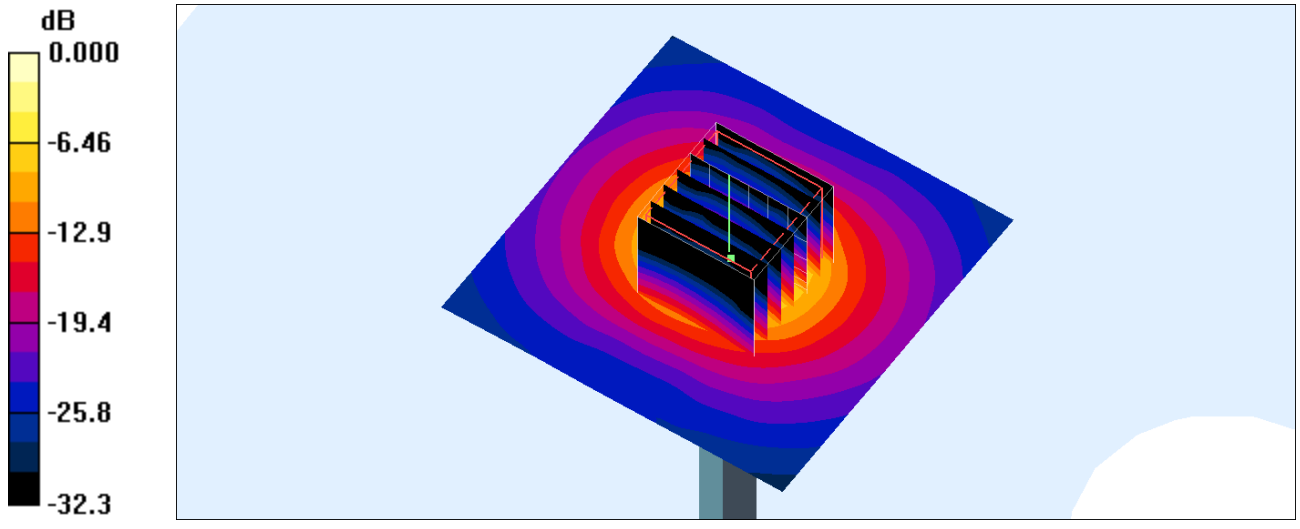
DUT: D5GHzV2-SN:1128

Communication System: CW; Frequency: 5300 MHz;Duty Cycle: 1:1
Medium: HSL_5G_131015 Medium parameters used: f = 5300 MHz; σ = 4.91 mho/m; ε_r = 35.3; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃； Liquid Temperature：22.4 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3801; ConvF(4.69, 4.69, 4.69); Calibrated: 2013/6/20
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2013/8/21
- 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 (71x71x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 20.8 mW/g

Pin=100mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 47.2 V/m; Power Drift = 0.024 dB
Peak SAR (extrapolated) = 41.4 W/kg
SAR(1 g) = 7.76 mW/g; SAR(10 g) = 2.06 mW/g
Maximum value of SAR (measured) = 19.9 mW/g



0 dB = 19.9mW/g

System Check_Body_5300MHz_131016

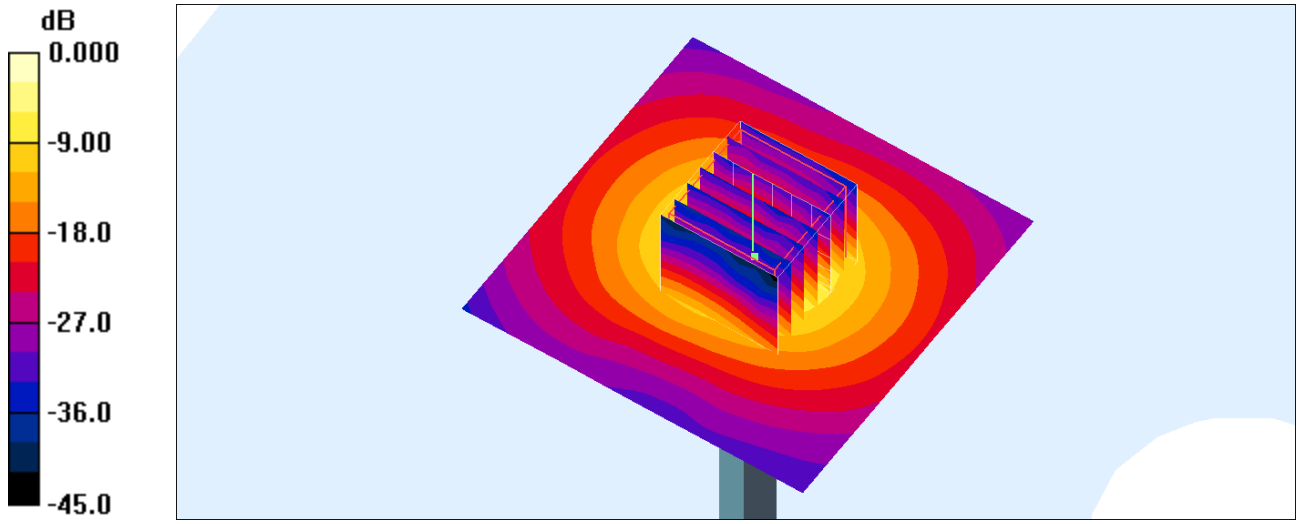
DUT: D5GHzV2-SN:1128

Communication System: CW; Frequency: 5300 MHz;Duty Cycle: 1:1
Medium: MSL_5G_131016 Medium parameters used: f = 5300 MHz; σ = 5.46 mho/m; ε_r = 47.2; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃； Liquid Temperature：22.2 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3801; ConvF(4.05, 4.05, 4.05); Calibrated: 2013/6/20
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2013/8/21
- 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 (71x71x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 18.6 mW/g

Pin=100mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 44.4 V/m; Power Drift = -0.039 dB
Peak SAR (extrapolated) = 36.0 W/kg
SAR(1 g) = 7.32 mW/g; SAR(10 g) = 1.99 mW/g
Maximum value of SAR (measured) = 18.9 mW/g



0 dB = 18.9mW/g

System Check_Head_5600MHz_131015

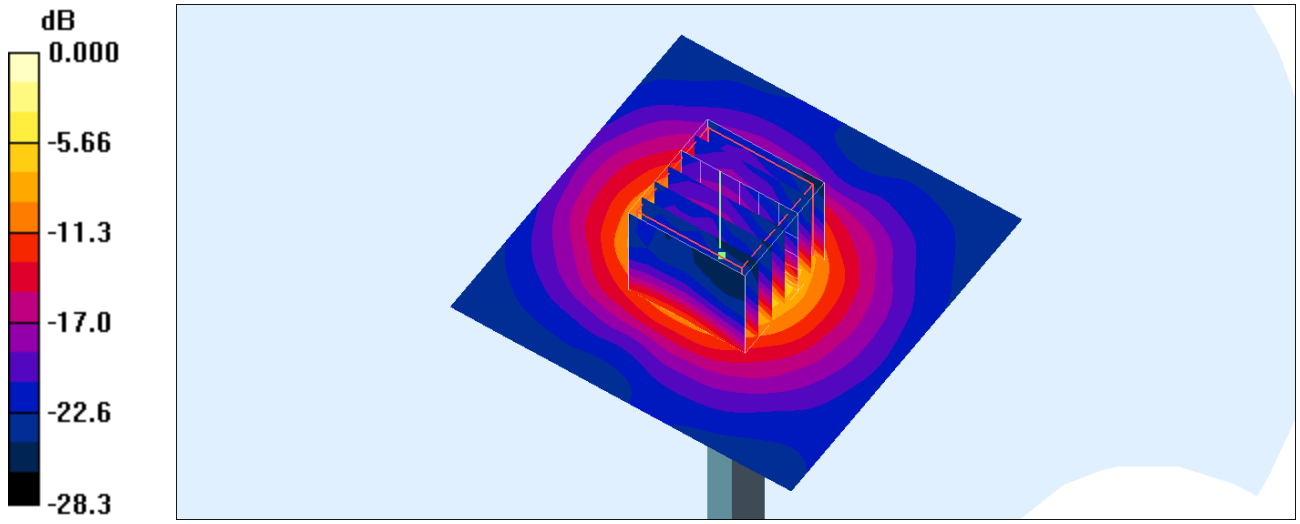
DUT: D5GHzV2-SN:1128

Communication System: CW; Frequency: 5600 MHz;Duty Cycle: 1:1
Medium: HSL_5G_131015 Medium parameters used: f = 5600 MHz; σ = 5.22 mho/m; ε_r = 34.7; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃； Liquid Temperature：22.4 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3801; ConvF(4.4, 4.4, 4.4); Calibrated: 2013/6/20
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2013/8/21
- 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 (71x71x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 19.6 mW/g

Pin=100mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 64.6 V/m; Power Drift = -0.174 dB
Peak SAR (extrapolated) = 31.2 W/kg
SAR(1 g) = 7.49 mW/g; SAR(10 g) = 2.14 mW/g
Maximum value of SAR (measured) = 18.4 mW/g



0 dB = 18.4mW/g

System Check_Body_5600MHz_131016

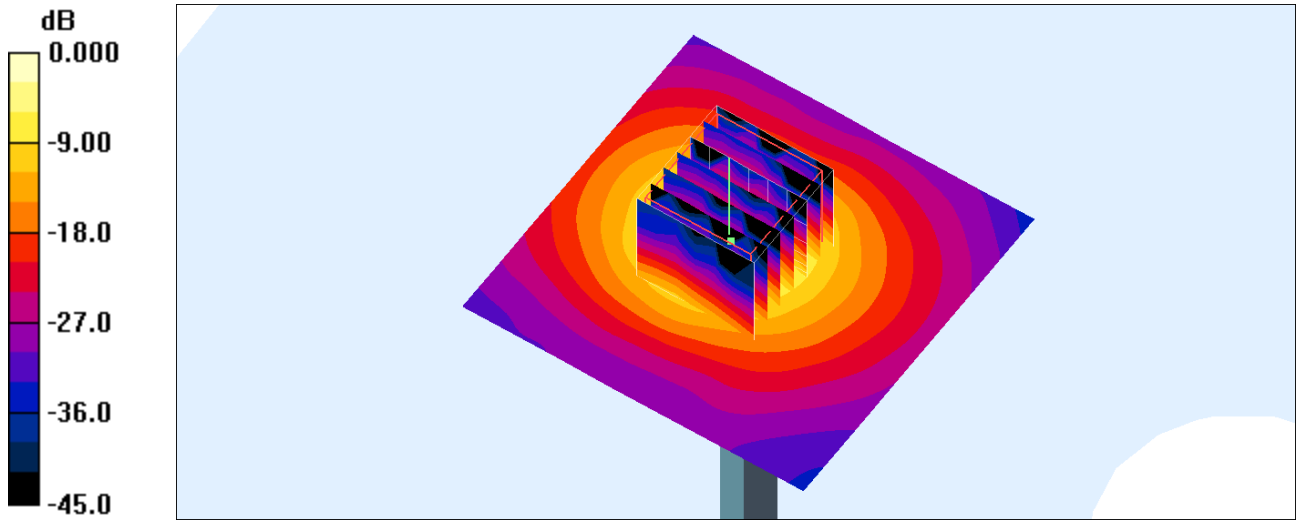
DUT: D5GHzV2-SN:1128

Communication System: CW; Frequency: 5600 MHz;Duty Cycle: 1:1
Medium: MSL_5G_131016 Medium parameters used: f = 5600 MHz; σ = 5.86 mho/m; ε_r = 46.7; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃； Liquid Temperature：22.2 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3801; ConvF(4, 4, 4); Calibrated: 2013/6/20
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2013/8/21
- 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 (71x71x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 20.5 mW/g

Pin=100mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 51.7 V/m; Power Drift = -0.001 dB
Peak SAR (extrapolated) = 36.0 W/kg
SAR(1 g) = 7.56 mW/g; SAR(10 g) = 2.01 mW/g
Maximum value of SAR (measured) = 19.9 mW/g



0 dB = 19.9mW/g