Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2015.04.04

System Check_Body_835MHz_150404

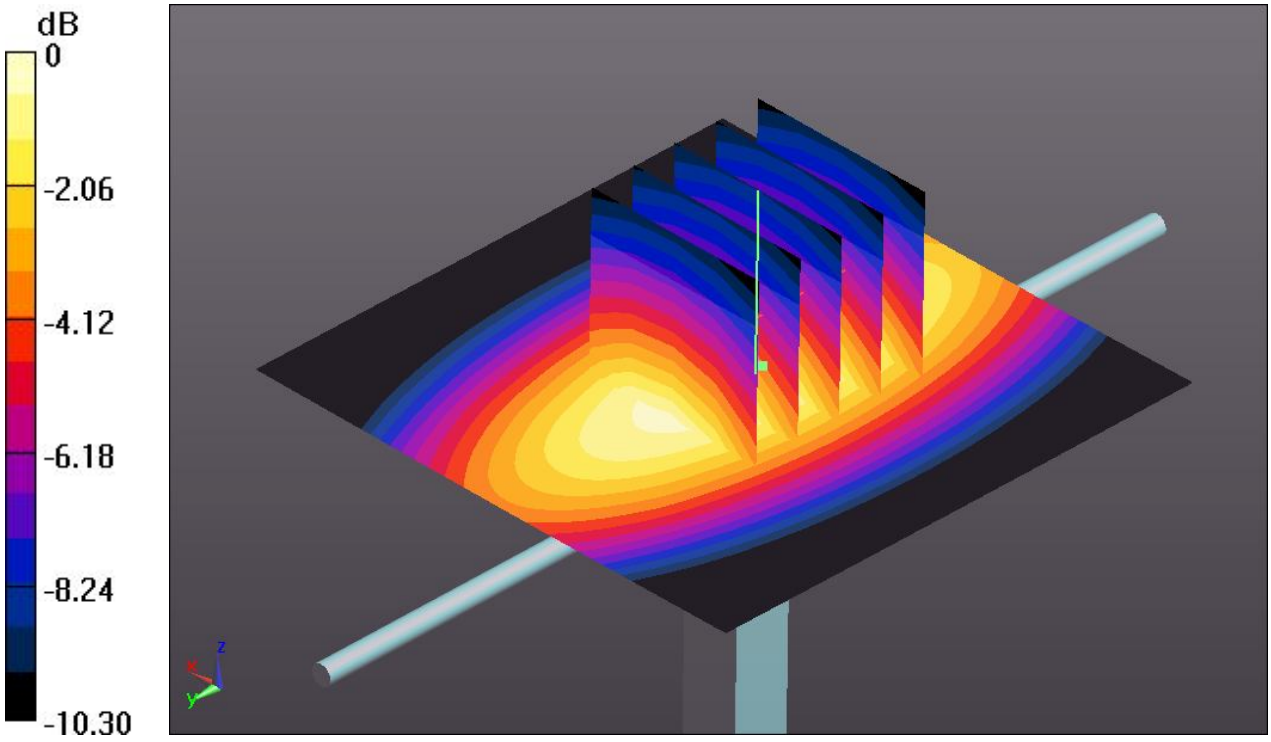
DUT: D835V2 - SN: 4d091

Communication System: UID 0, CW; Frequency: 835 MHz;Duty Cycle: 1:1
Medium: MSL_835_150404 Medium parameters used: f = 835 MHz; σ = 0.998 S/m; ε_r = 54.379; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：22.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(9.49, 9.49, 9.49); Calibrated: 2014.11.13;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2014.12.11
- Phantom: SAM3; Type: QDOVA002AA; Serial: TP:1149
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Pin=250mW/Area Scan (61x61x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 2.68 W/kg

Pin=250mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 51.627 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 3.67 W/kg
SAR(1 g) = 2.48 W/kg; SAR(10 g) = 1.64 W/kg
Maximum value of SAR (measured) = 2.66 W/kg



0 dB = 2.66 W/kg

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2015.04.05

System Check_Body_1900MHz_150405

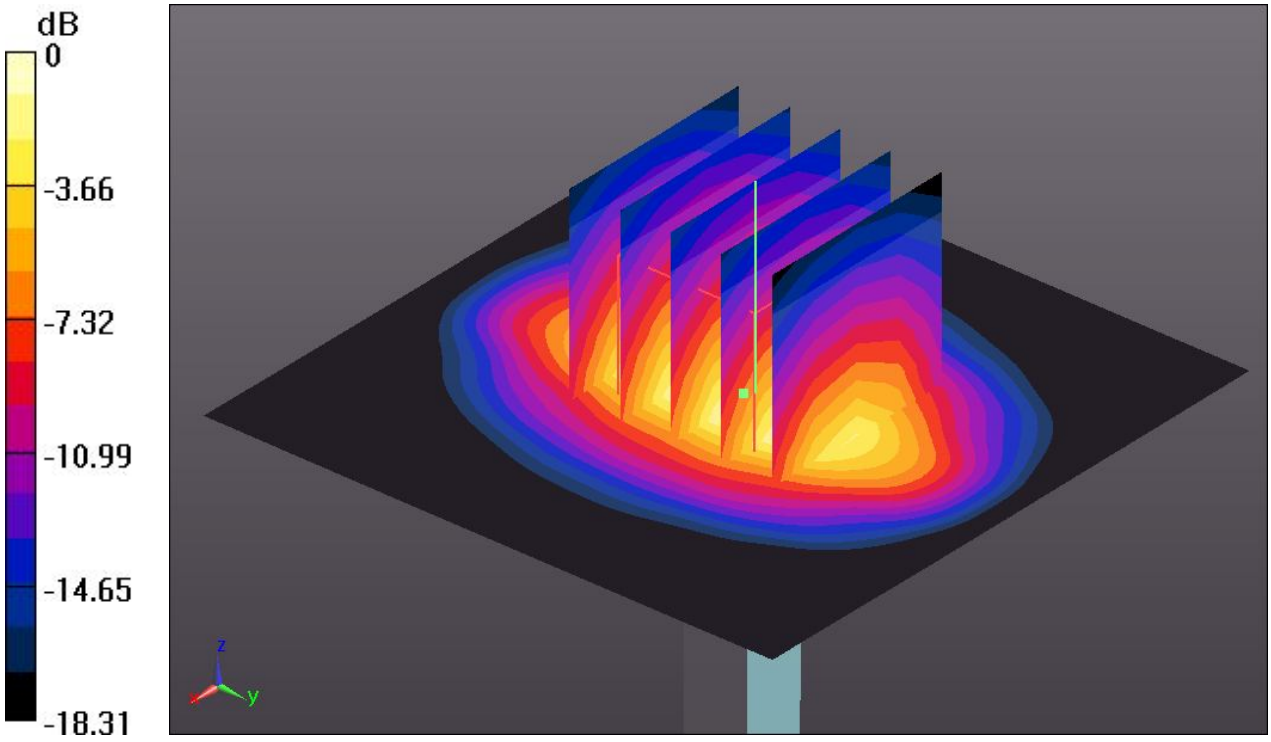
DUT: D1900V2 - SN: 5d118

Communication System: UID 0, CW; Frequency: 1900 MHz;Duty Cycle: 1:1
Medium: MSL_1900_150405 Medium parameters used: f = 1900 MHz; σ = 1.528 S/m; ε_r = 54.867; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：22.7 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(7.39, 7.39, 7.39); Calibrated: 2014.11.13;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2014.12.11
- Phantom: SAM3; Type: QDOVA002AA; Serial: TP:1149
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Pin=250mW/Area Scan (61x61x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 15.3 W/kg

Pin=250mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 88.378 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 19.5 W/kg
SAR(1 g) = 10.8 W/kg; SAR(10 g) = 5.59 W/kg
Maximum value of SAR (measured) = 15.4 W/kg



0 dB = 15.3 W/kg

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2015.04.04

System Check_Body_2450MHz_150404

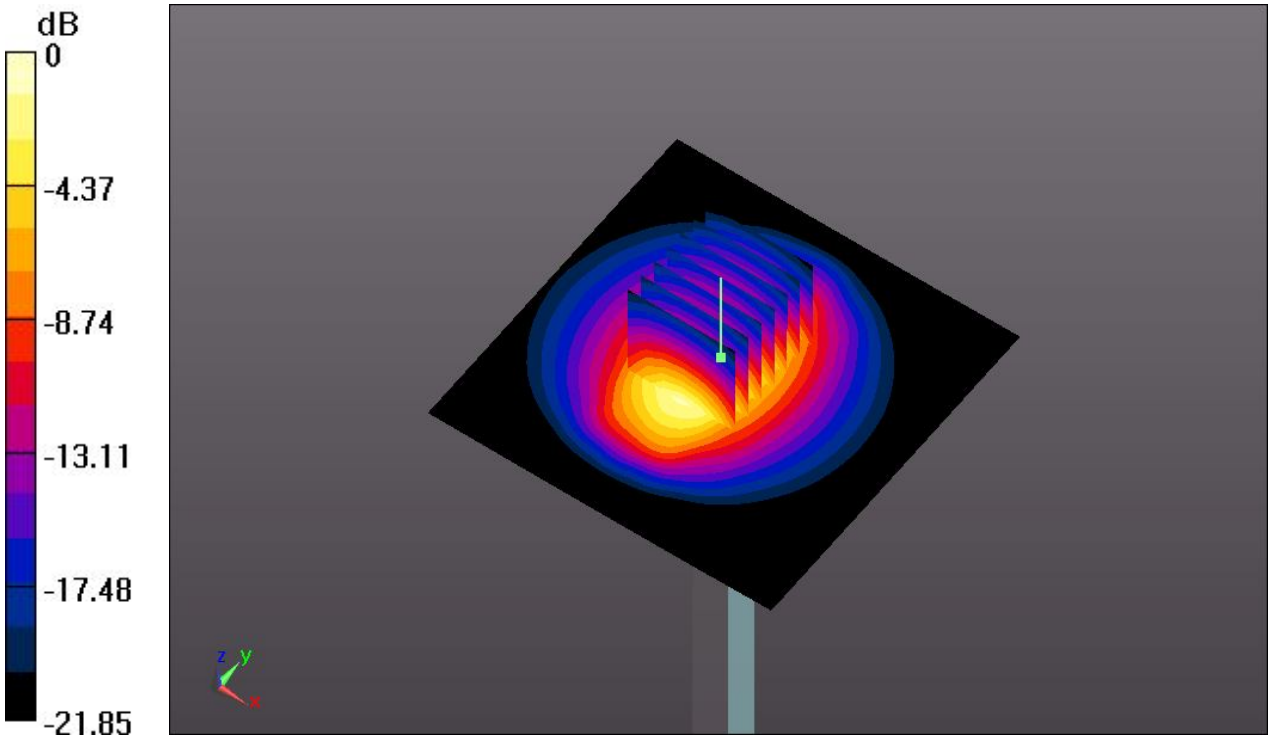
DUT: D2450V2 - SN: 840

Communication System: UID 0, CW; Frequency: 2450 MHz;Duty Cycle: 1:1
Medium: MSL_2450_150404 Medium parameters used: f = 2450 MHz; σ = 1.992 S/m; ε_r = 52.302; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：22.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(6.95, 6.95, 6.95); Calibrated: 2014.11.13;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2014.12.11
- Phantom: SAM3; Type: QDOVA002AA; Serial: TP:1149
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Pin=250mW/Area Scan (81x81x1): Interpolated grid: dx=12mm, dy=12mm
Maximum value of SAR (interpolated) = 18.4 W/kg

Pin=250mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 78.879 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 25.6 W/kg
SAR(1 g) = 12.4 W/kg; SAR(10 g) = 5.88 W/kg
Maximum value of SAR (measured) = 18.8 W/kg



0 dB = 18.4 W/kg

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2015.04.04

System Check_Body_2600MHz_150404

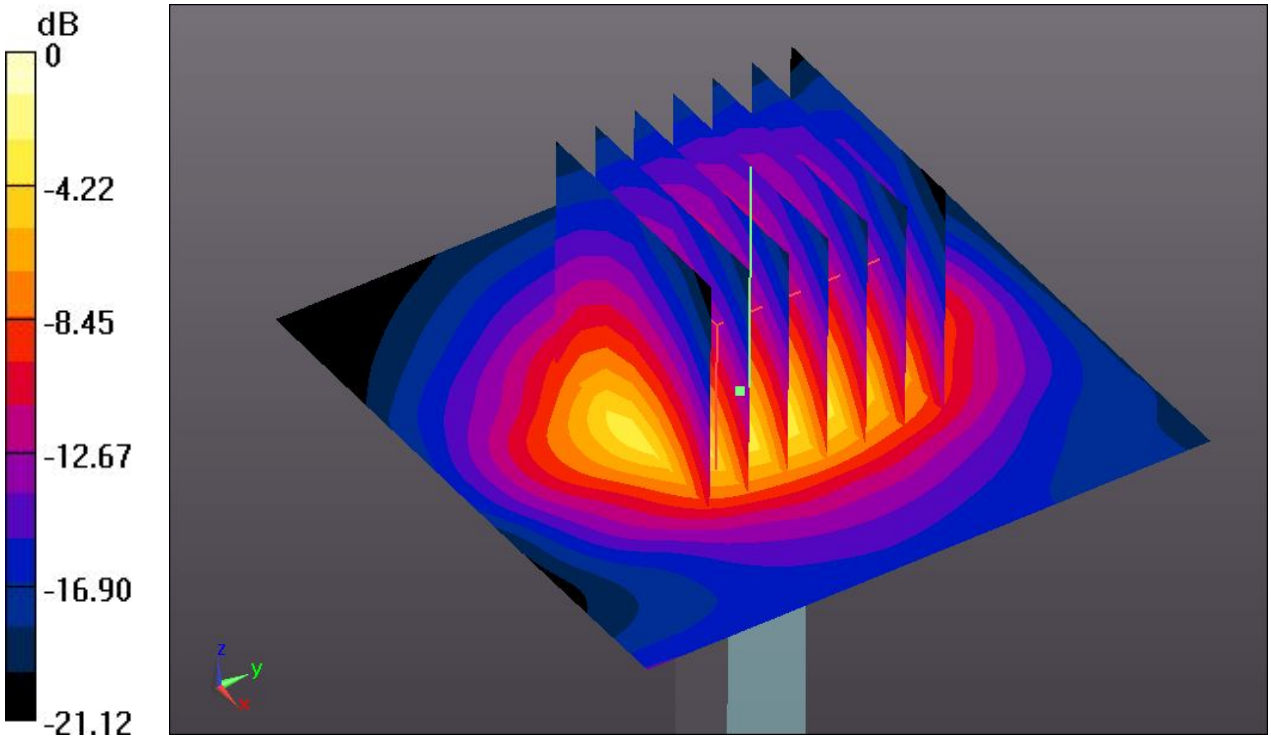
DUT: D2600V2 - SN: 1061

Communication System: UID 0, CW; Frequency: 2600 MHz;Duty Cycle: 1:1
Medium: MSL_2600_150404 Medium parameters used: f = 2600 MHz; σ = 2.209 S/m; ε_r = 51.123; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：22.8 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(6.8, 6.8, 6.8); Calibrated: 2014.11.13;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2014.12.11
- Phantom: SAM3; Type: QDOVA002AA; Serial: TP:1149
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Pin=250mW/Area Scan (61x61x1): Interpolated grid: dx=12mm, dy=12mm
Maximum value of SAR (interpolated) = 22.8 W/kg

Pin=250mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 104.2 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 30.6 W/kg
SAR(1 g) = 14.8 W/kg; SAR(10 g) = 6.69 W/kg
Maximum value of SAR (measured) = 22.7 W/kg



0 dB = 22.7 W/kg

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2015.04.05

System Check_Body_5200MHz_150405

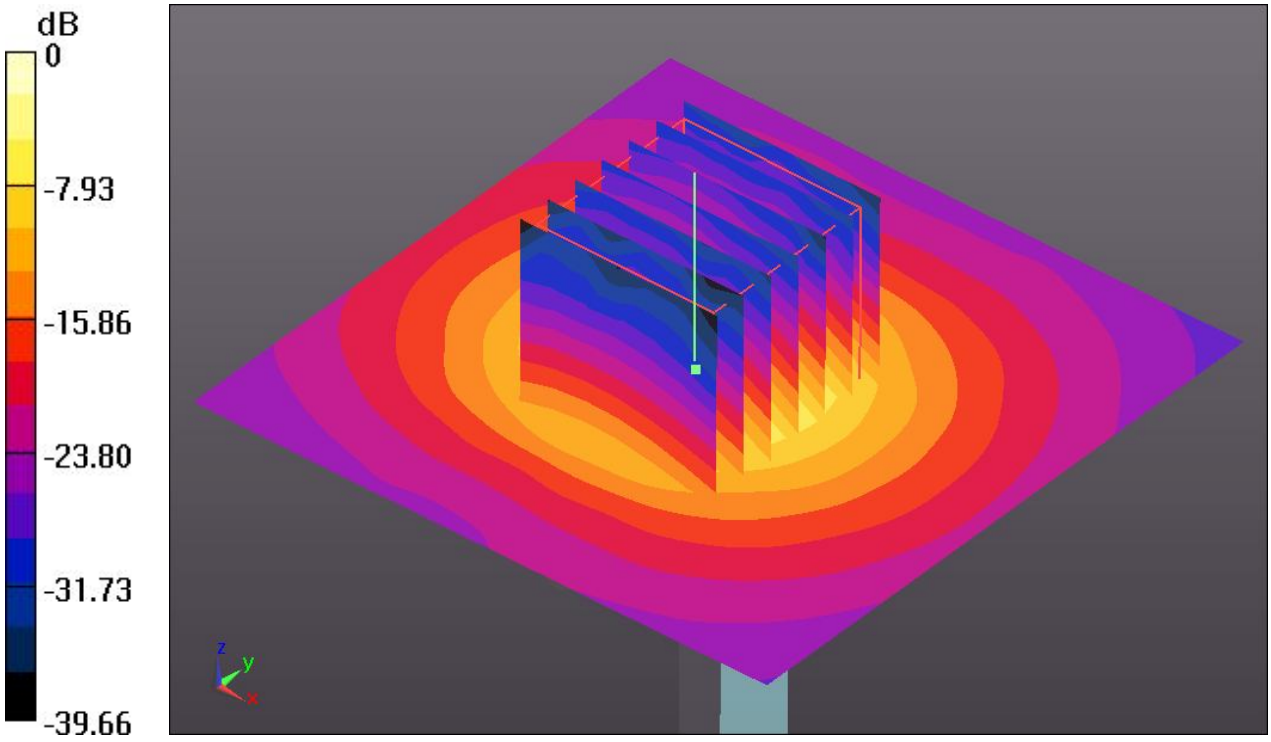
DUT: D5GHzV2 - SN: 1113

Communication System: UID 0, CW (0); Frequency: 5200 MHz;Duty Cycle: 1:1
Medium: MSL_5200_150405 Medium parameters used: f = 5200 MHz; σ = 5.285 S/m; ε_r = 49.218; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：22.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(4.52, 4.52, 4.52); Calibrated: 2014.11.13;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2014.12.11
- Phantom: SAM3; Type: QDOVA002AA; Serial: TP:1149
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Pin=100mW/Area Scan (71x71x1): Interpolated grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 20.2 W/kg

Pin=100mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 50.355 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 34.5 W/kg
SAR(1 g) = 8.15 W/kg; SAR(10 g) = 2.24 W/kg
Maximum value of SAR (measured) = 20.8 W/kg



0 dB = 20.2 W/kg

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2015.04.05

System Check_Body_5300MHz_150405

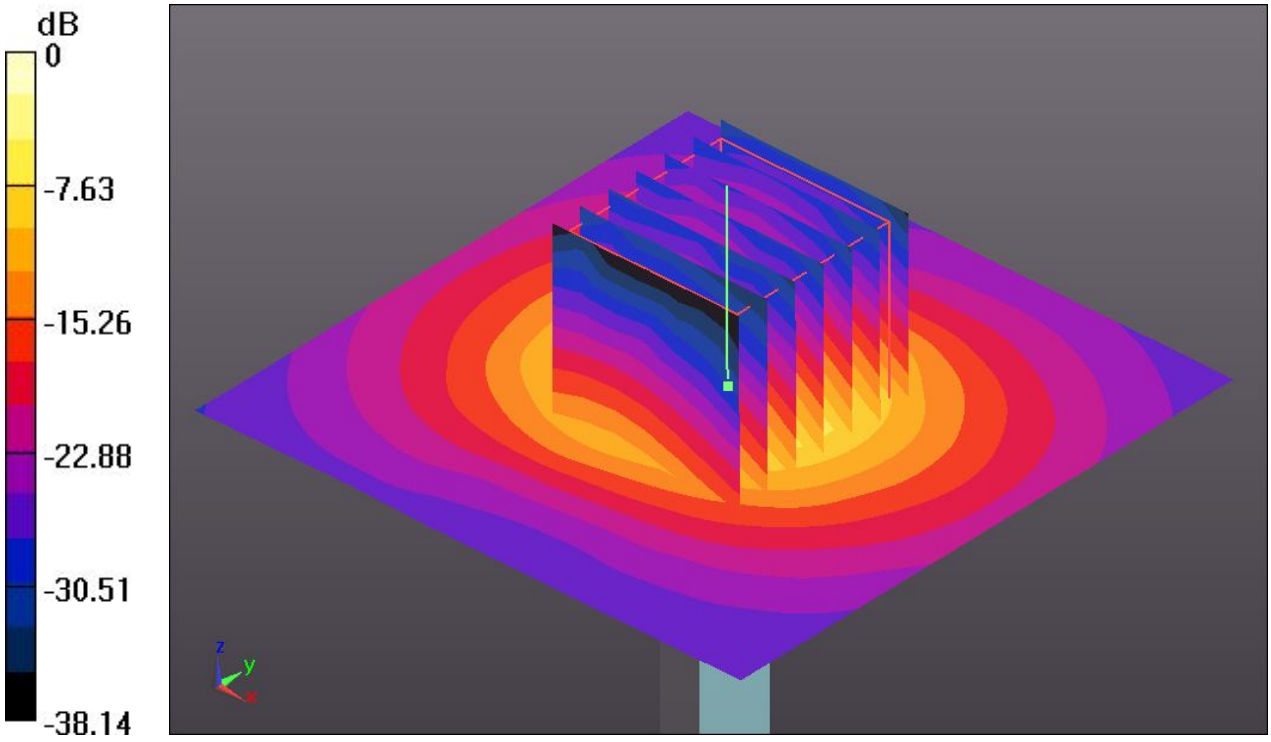
DUT: D5GHzV2 - SN: 1113

Communication System: UID 0, CW (0); Frequency: 5300 MHz;Duty Cycle: 1:1
Medium: MSL_5300_150405 Medium parameters used: f = 5300 MHz; σ = 5.423 S/m; ε_r = 49.055; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：22.7 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(4.37, 4.37, 4.37); Calibrated: 2014.11.13;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2014.12.11
- Phantom: SAM3; Type: QDOVA002AA; Serial: TP:1149
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Pin=100mW/Area Scan (71x71x1): Interpolated grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 21.7 W/kg

Pin=100mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 49.800 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 35.6 W/kg
SAR(1 g) = 8.36 W/kg; SAR(10 g) = 2.32 W/kg
Maximum value of SAR (measured) = 20.8 W/kg



0 dB = 21.6 W/kg

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2015.04.05

System Check_Body_5800MHz_150405

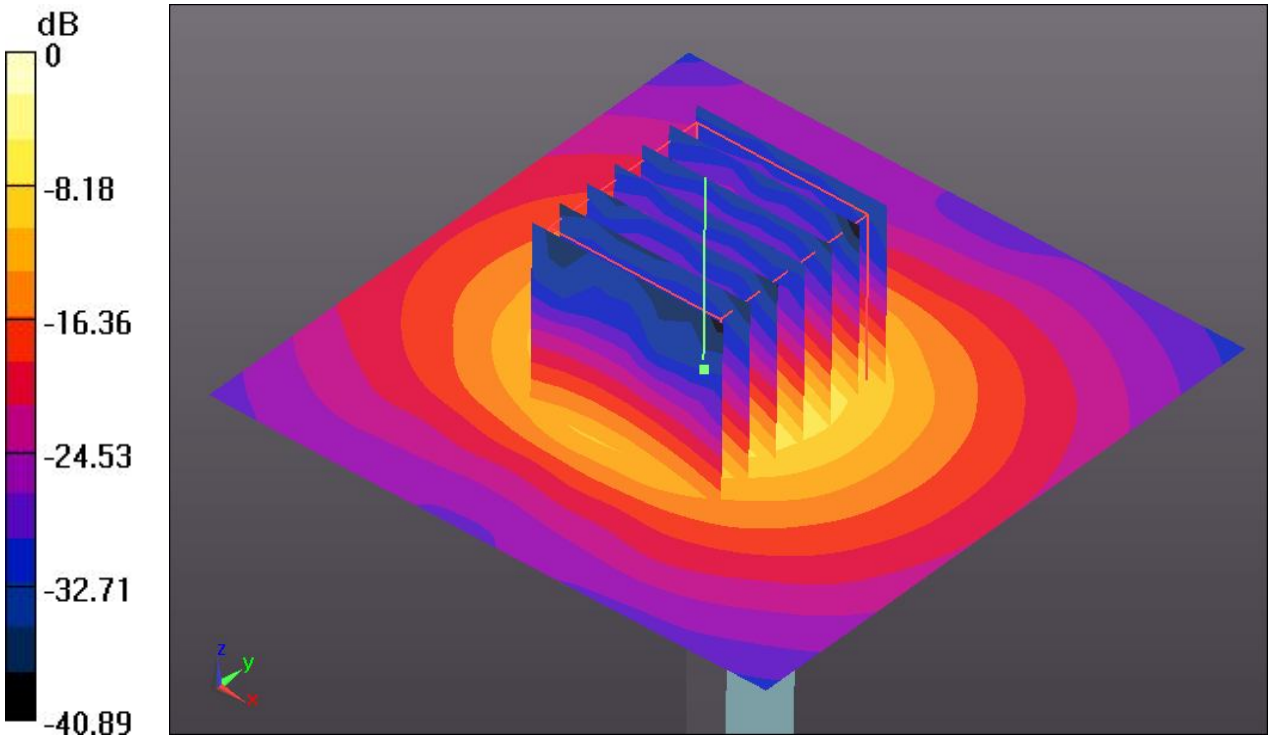
DUT: D5GHzV2 - SN: 1113

Communication System: UID 0, CW (0); Frequency: 5800 MHz;Duty Cycle: 1:1
Medium: MSL_5800_150405 Medium parameters used: f = 5800 MHz; σ = 6.148 S/m; ε_r = 47.973; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：22.8 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(4.07, 4.07, 4.07); Calibrated: 2014.11.13;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2014.12.11
- Phantom: SAM3; Type: QDOVA002AA; Serial: TP:1149
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Pin=100mW/Area Scan (71x71x1): Interpolated grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 19.7 W/kg

Pin=100mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 45.201 V/m; Power Drift = 0.10 dB
Peak SAR (extrapolated) = 34.2 W/kg
SAR(1 g) = 7.83 W/kg; SAR(10 g) = 2.14 W/kg
Maximum value of SAR (measured) = 19.8 W/kg



0 dB = 19.7 W/kg