Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2016/4/15

System Check_Head_750MHz_160415

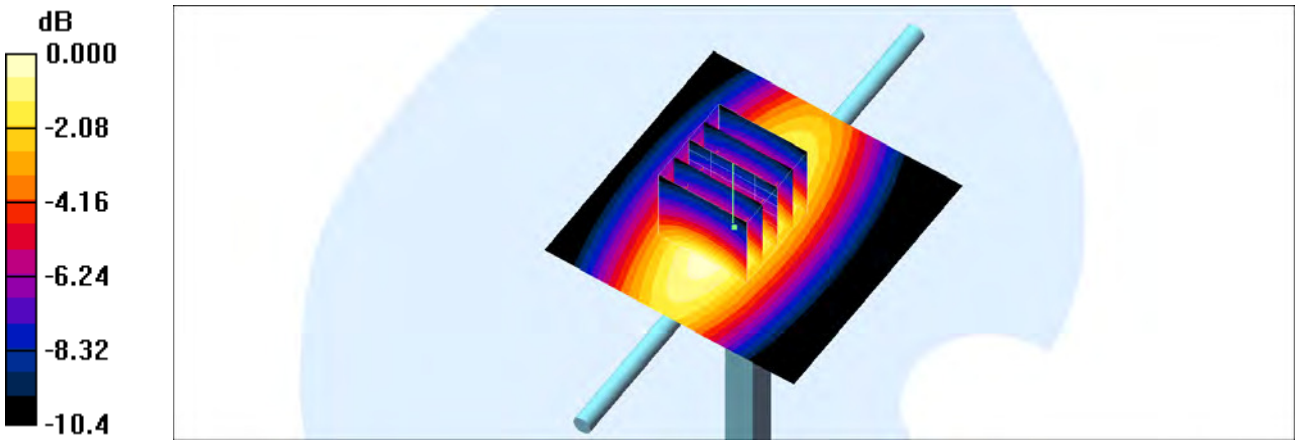
DUT: D750V3-1012

Communication System: CW; Frequency: 750 MHz;Duty Cycle: 1:1
Medium: HSL_750_160415 Medium parameters used: f = 750 MHz; σ = 0.89 mho/m; ε_r = 42.9; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：22.4 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3925; ConvF(10.15, 10.15, 10.15); Calibrated: 2015/5/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2015/5/22
- Phantom: SAM_Right; Type: SAM_Right; Serial: TP-1303
- ;Postprocessing SW: SEMCAD, V1.8 Build 159

Pin=250mW/Area Scan (61x61x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 2.45 mW/g

Pin=250mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 53.0 V/m; Power Drift = 0.026 dB
Peak SAR (extrapolated) = 2.89 W/kg
SAR(1 g) = 1.98 mW/g; SAR(10 g) = 1.3 mW/g
Maximum value of SAR (measured) = 2.50 mW/g



0 dB = 2.50mW/g

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2016/4/19

System Check_Body_750MHz_160419

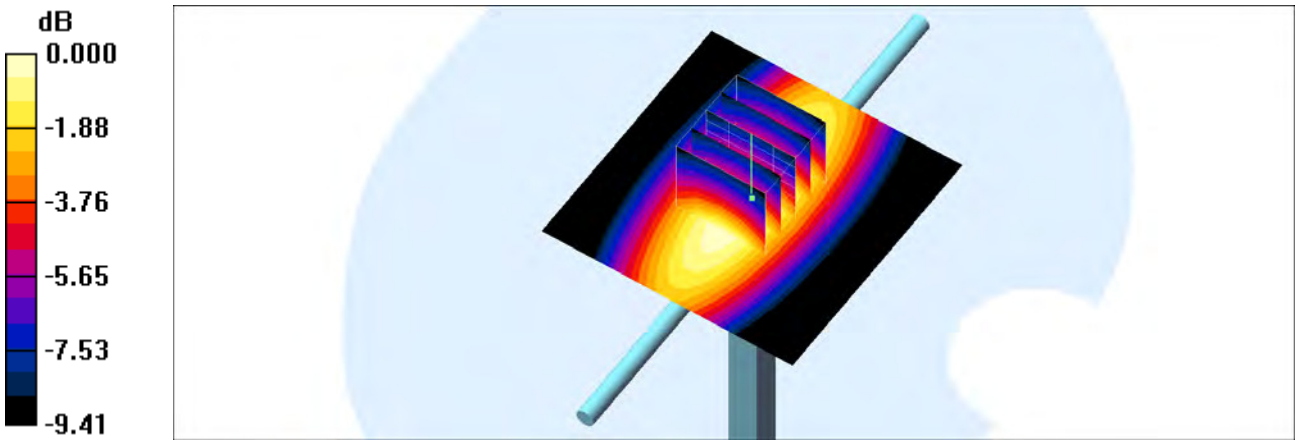
DUT: D750V3-1012

Communication System: CW; Frequency: 750 MHz;Duty Cycle: 1:1
Medium: MSL_750_160419 Medium parameters used: f = 750 MHz; σ = 0.956 mho/m; ε_r = 55.6; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：22.5 ℃

DASY4 Configuration:
- Probe: ES3DV3 - SN3270; ConvF(6.3, 6.3, 6.3); Calibrated: 2015/9/28
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn360; Calibrated: 2015/10/15
- Phantom: SAM_Right; Type: SAM_Right; Serial: TP-1303
- ;Postprocessing SW: SEMCAD, V1.8 Build 159

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

Pin=250mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 54.9 V/m; Power Drift = -0.021 dB
Peak SAR (extrapolated) = 3.30 W/kg
SAR(1 g) = 2.32 mW/g; SAR(10 g) = 1.57 mW/g
Maximum value of SAR (measured) = 2.69 mW/g



0 dB = 2.69mW/g

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2016/4/13

System Check_Head_835MHz_160413

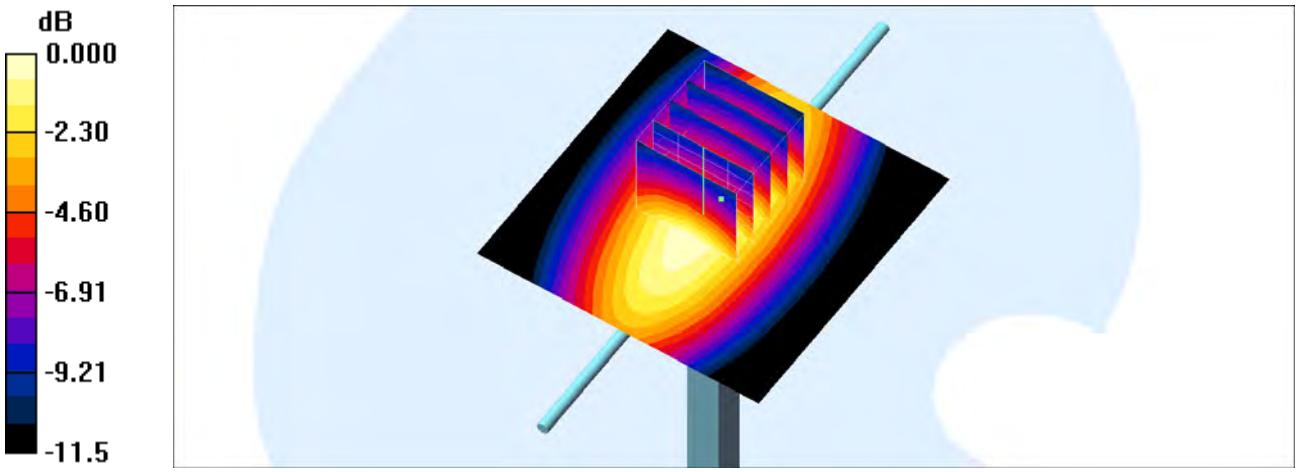
DUT: D835V2-4d092

Communication System: CW; Frequency: 835 MHz;Duty Cycle: 1:1
Medium: HSL_850_160413 Medium parameters used: f = 835 MHz; σ = 0.878 mho/m; ε_r = 40.9; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃； Liquid Temperature：22.4 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3925; ConvF(9.8, 9.8, 9.8); Calibrated: 2015/5/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2015/5/22
- Phantom: SAM_Right; Type: SAM_Right; Serial: TP-1303
- ;Postprocessing SW: SEMCAD, V1.8 Build 159

Pin=250mW/Area Scan (61x61x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 3.19 mW/g

Pin=250mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 62.6 V/m; Power Drift = 0.004 dB
Peak SAR (extrapolated) = 3.65 W/kg
SAR(1 g) = 2.41 mW/g; SAR(10 g) = 1.58 mW/g
Maximum value of SAR (measured) = 3.23 mW/g



0 dB = 3.23mW/g

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2016/4/20

System Check_Body_835MHz_160420

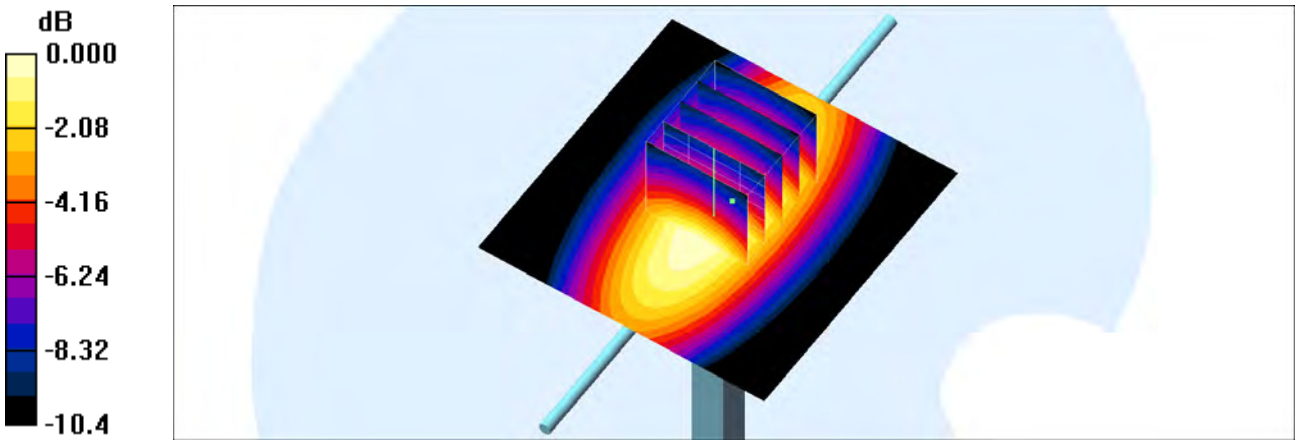
DUT: D835V2-4d092

Communication System: CW; Frequency: 835 MHz;Duty Cycle: 1:1
Medium: MSL_850_160420 Medium parameters used: f = 835 MHz; σ = 0.972 mho/m; ε_r = 57.6; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃； Liquid Temperature：22.5 ℃

DASY4 Configuration:
- Probe: ES3DV3 - SN3270; ConvF(6.24, 6.24, 6.24); Calibrated: 2015/9/28
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn360; Calibrated: 2015/10/15
- Phantom: SAM_Right; Type: SAM_Right; Serial: TP-1303
- ;Postprocessing SW: SEMCAD, V1.8 Build 159

Pin=250mW/Area Scan (61x61x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 2.76 mW/g

Pin=250mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 55.5 V/m; Power Drift = -0.042 dB
Peak SAR (extrapolated) = 3.41 W/kg
SAR(1 g) = 2.37 mW/g; SAR(10 g) = 1.57 mW/g
Maximum value of SAR (measured) = 2.75 mW/g



0 dB = 2.75mW/g

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2016/4/21

System Check_Body_835MHz_160421

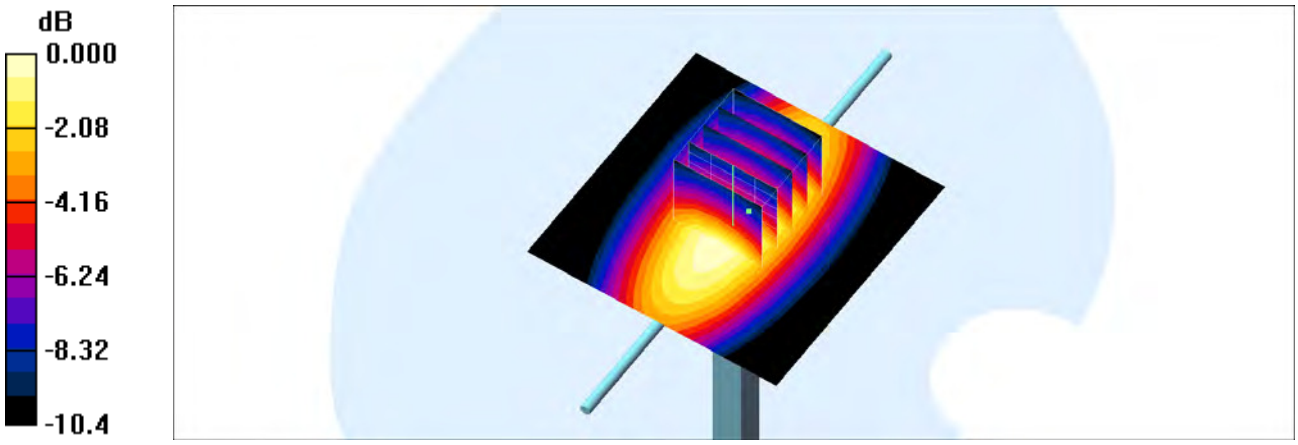
DUT: D835V2-4d092

Communication System: CW; Frequency: 835 MHz;Duty Cycle: 1:1
Medium: MSL_850_160421 Medium parameters used: f = 835 MHz; σ = 0.991 mho/m; ε_r = 57.5; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃； Liquid Temperature：22.6 ℃

DASY4 Configuration:
- Probe: ES3DV3 - SN3270; ConvF(6.24, 6.24, 6.24); Calibrated: 2015/9/28
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn360; Calibrated: 2015/10/15
- Phantom: SAM_Right; Type: SAM_Right; Serial: TP-1303
- ;Postprocessing SW: SEMCAD, V1.8 Build 159

Pin=250mW/Area Scan (61x61x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 2.82 mW/g

Pin=250mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 55.5 V/m; Power Drift = -0.042 dB
Peak SAR (extrapolated) = 3.48 W/kg
SAR(1 g) = 2.42 mW/g; SAR(10 g) = 1.6 mW/g
Maximum value of SAR (measured) = 2.80 mW/g



0 dB = 2.80mW/g

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2016/4/12

System Check_Head_1750MHz_160412

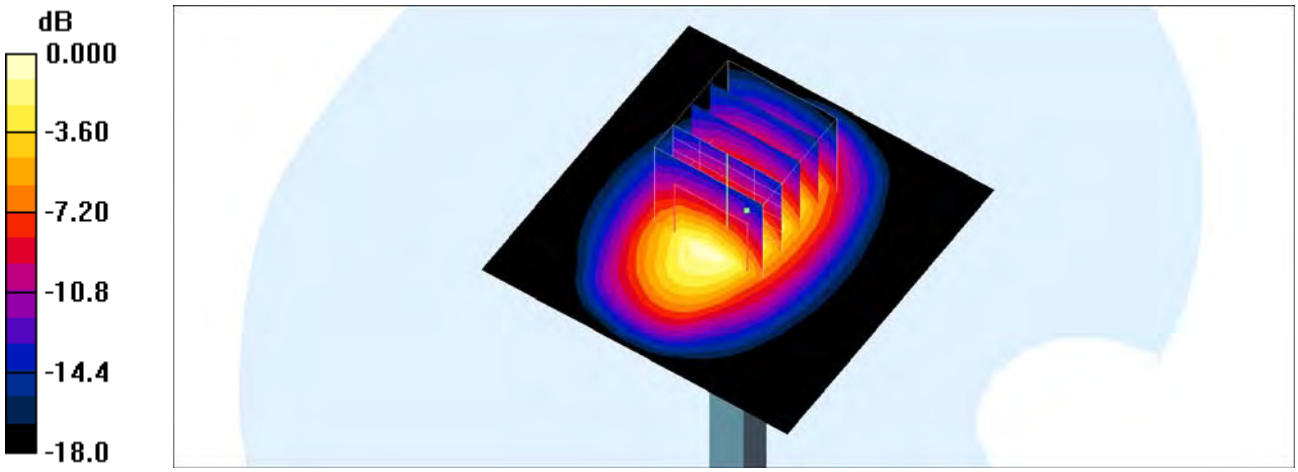
DUT: D1750V2-1068

Communication System: CW; Frequency: 1750 MHz;Duty Cycle: 1:1
Medium: HSL_1750_160412 Medium parameters used: f = 1750 MHz; σ = 1.38 mho/m; ε_r = 40.6; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：22.3 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3925; ConvF(8.43, 8.43, 8.43); Calibrated: 2015/5/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2015/5/22
- Phantom: SAM_Right; Type: SAM_Right; Serial: TP-1303
- ;Postprocessing SW: SEMCAD, V1.8 Build 159

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

Pin=250mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 97.4 V/m; Power Drift = 0.060 dB
Peak SAR (extrapolated) = 16.1 W/kg
SAR(1 g) = 9.05 mW/g; SAR(10 g) = 4.82 mW/g
Maximum value of SAR (measured) = 12.8 mW/g



0 dB = 12.8mW/g

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2016/4/17

System Check_Body_1750MHz_160417

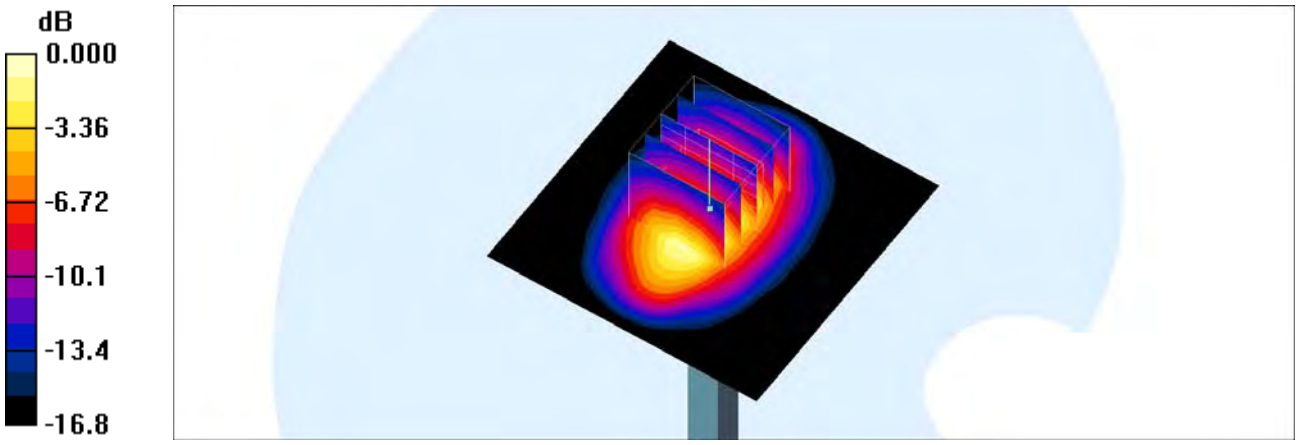
DUT: D1750V2-1068

Communication System: CW; Frequency: 1750 MHz;Duty Cycle: 1:1
Medium: MSL_1750_160417 Medium parameters used: f = 1750 MHz; σ = 1.44 mho/m; ε_r = 52.7; ρ = 1000 kg/m^3
Ambient Temperature：23.7 ℃; Liquid Temperature：22.7 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3925; ConvF(8.1, 8.1, 8.1); Calibrated: 2015/5/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2015/5/22
- Phantom: SAM_Right; Type: SAM_Right; Serial: TP-1303
- ;Postprocessing SW: SEMCAD, V1.8 Build 159

Pin=250mW/Area Scan (61x61x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 13.2 mW/g

Pin=250mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 95.7 V/m; Power Drift = 0.037 dB
Peak SAR (extrapolated) = 16.4 W/kg
SAR(1 g) = 9.52 mW/g; SAR(10 g) = 5.19 mW/g
Maximum value of SAR (measured) = 12.9 mW/g



0 dB = 12.9mW/g

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2016/4/17

System Check_Body_1750MHz_160417

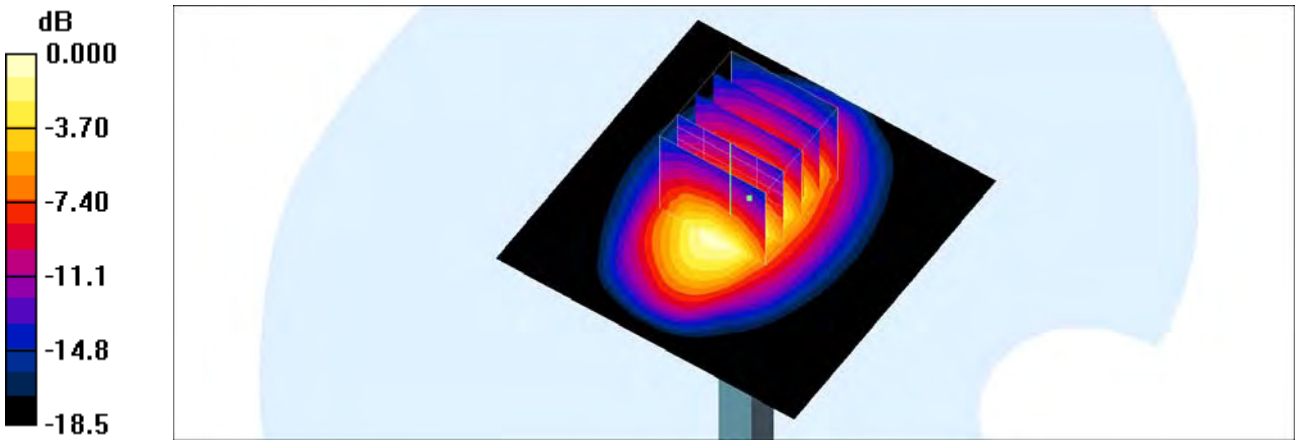
DUT: D1750V2-1068

Communication System: CW; Frequency: 1750 MHz;Duty Cycle: 1:1
Medium: MSL_1750_160417 Medium parameters used: f = 1750 MHz; σ = 1.44 mho/m; ε_r = 52.7; ρ = 1000 kg/m^3
Ambient Temperature：23.7 ℃; Liquid Temperature：22.7 ℃

DASY4 Configuration:
- Probe: ES3DV3 - SN3270; ConvF(4.95, 4.95, 4.95); Calibrated: 2015/9/28
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn360; Calibrated: 2015/10/15
- Phantom: SAM_Right; Type: SAM_Right; Serial: TP-1303
- ;Postprocessing SW: SEMCAD, V1.8 Build 159

Pin=250mW/Area Scan (61x61x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 11.4 mW/g

Pin=250mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 85.7 V/m; Power Drift = 0.039 dB
Peak SAR (extrapolated) = 14.4 W/kg
SAR(1 g) = 8.28 mW/g; SAR(10 g) = 4.43 mW/g
Maximum value of SAR (measured) = 10.2 mW/g



0 dB = 10.2mW/g

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2016/4/11

System Check_Head_1900MHz_160411

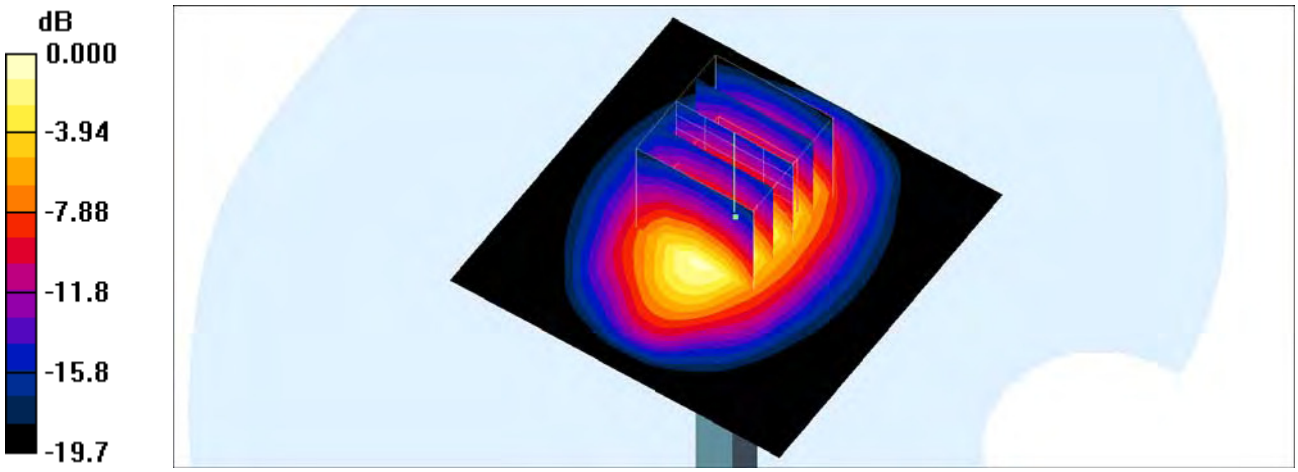
DUT: D1900V2-5d041

Communication System: CW; Frequency: 1900 MHz;Duty Cycle: 1:1
Medium: HSL_1900_160411 Medium parameters used: f = 1900 MHz; σ = 1.46 mho/m; ε_r = 38.3; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：22.3 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3925; ConvF(8.18, 8.18, 8.18); Calibrated: 2015/5/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2015/5/22
- Phantom: SAM_Right; Type: SAM_Right; Serial: TP-1303
- ;Postprocessing SW: SEMCAD, V1.8 Build 159

Pin=250mW/Area Scan (61x61x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 17.5 mW/g

Pin=250mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 109.9 V/m; Power Drift = -0.004 dB
Peak SAR (extrapolated) = 20.5 W/kg
SAR(1 g) = 10.7 mW/g; SAR(10 g) = 5.46 mW/g
Maximum value of SAR (measured) = 16.6 mW/g



0 dB = 16.6mW/g

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2016/4/16

System Check_Body_1900MHz_160416

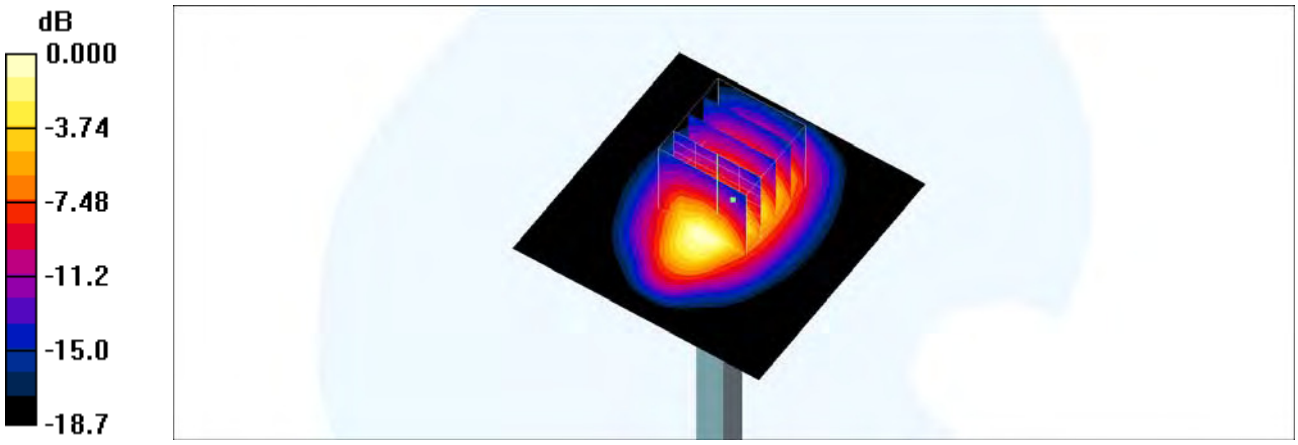
DUT: D1900V2-5d041

Communication System: CW; Frequency: 1900 MHz;Duty Cycle: 1:1
Medium: MSL_1900_160416 Medium parameters used: f = 1900 MHz; σ = 1.55 mho/m; ε_r = 55.3; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：22.4 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3925; ConvF(7.9, 7.9, 7.9); Calibrated: 2015/5/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2015/5/22
- Phantom: SAM_Right; Type: SAM_Right; Serial: TP-1303
- ;Postprocessing SW: SEMCAD, V1.8 Build 159

Pin=250mW/Area Scan (61x61x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 16.4 mW/g

Pin=250mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 102.5 V/m; Power Drift = 0.029 dB
Peak SAR (extrapolated) = 18.0 W/kg
SAR(1 g) = 10.2 mW/g; SAR(10 g) = 5.36 mW/g
Maximum value of SAR (measured) = 14.9 mW/g



0 dB = 14.9mW/g

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2016/4/17

System Check_Body_1900MHz_160417

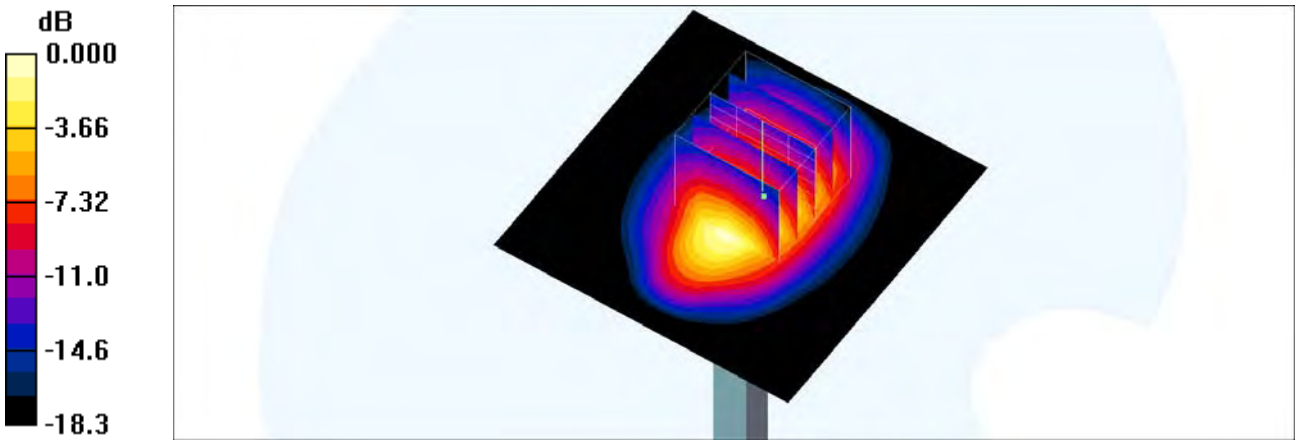
DUT: D1900V2-5d041

Communication System: CW; Frequency: 1900 MHz;Duty Cycle: 1:1
Medium: MSL_1900_160417 Medium parameters used: f = 1900 MHz; σ = 1.51 mho/m; ε_r = 53.2; ρ = 1000 kg/m^3
Ambient Temperature：23.7 ℃; Liquid Temperature：22.7 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3925; ConvF(7.9, 7.9, 7.9); Calibrated: 2015/5/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2015/5/22
- Phantom: SAM_Right; Type: SAM_Right; Serial: TP-1303
- ;Postprocessing SW: SEMCAD, V1.8 Build 159

Pin=250mW/Area Scan (61x61x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 16.0 mW/g

Pin=250mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 100.5 V/m; Power Drift = 0.045 dB
Peak SAR (extrapolated) = 17.9 W/kg
SAR(1 g) = 10.2 mW/g; SAR(10 g) = 5.35 mW/g
Maximum value of SAR (measured) = 15.2 mW/g



0 dB = 15.2mW/g

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2016/4/19

System Check_Body_1900MHz_160419

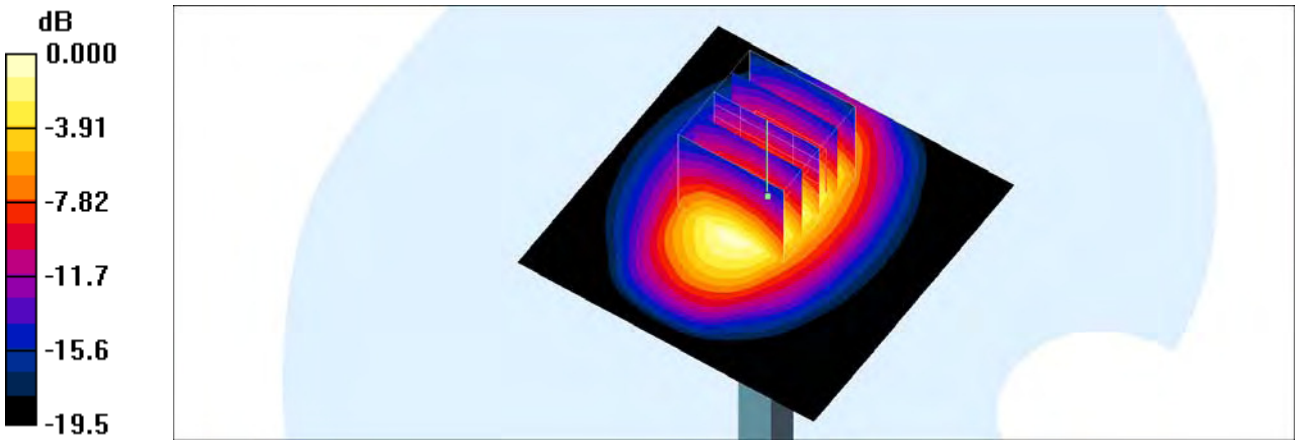
DUT: D1900V2-5d041

Communication System: CW; Frequency: 1900 MHz;Duty Cycle: 1:1
Medium: MSL_1900_160419 Medium parameters used: f = 1900 MHz; σ = 1.53 mho/m; ε_r = 53.1; ρ = 1000 kg/m^3
Ambient Temperature：23.7 ℃; Liquid Temperature：22.7 ℃

DASY4 Configuration:
- Probe: ES3DV3 - SN3270; ConvF(4.78, 4.78, 4.78); Calibrated: 2015/9/28
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn360; Calibrated: 2015/10/15
- Phantom: SAM_Right; Type: SAM_Right; Serial: TP-1303
- ;Postprocessing SW: SEMCAD, V1.8 Build 159

Pin=250mW/Area Scan (61x61x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 14.4 mW/g

Pin=250mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 88.9 V/m; Power Drift = 0.008 dB
Peak SAR (extrapolated) = 18.2 W/kg
SAR(1 g) = 10.2 mW/g; SAR(10 g) = 5.41 mW/g
Maximum value of SAR (measured) = 12.6 mW/g



0 dB = 12.6mW/g

System Check_Head_2450MHz_160423

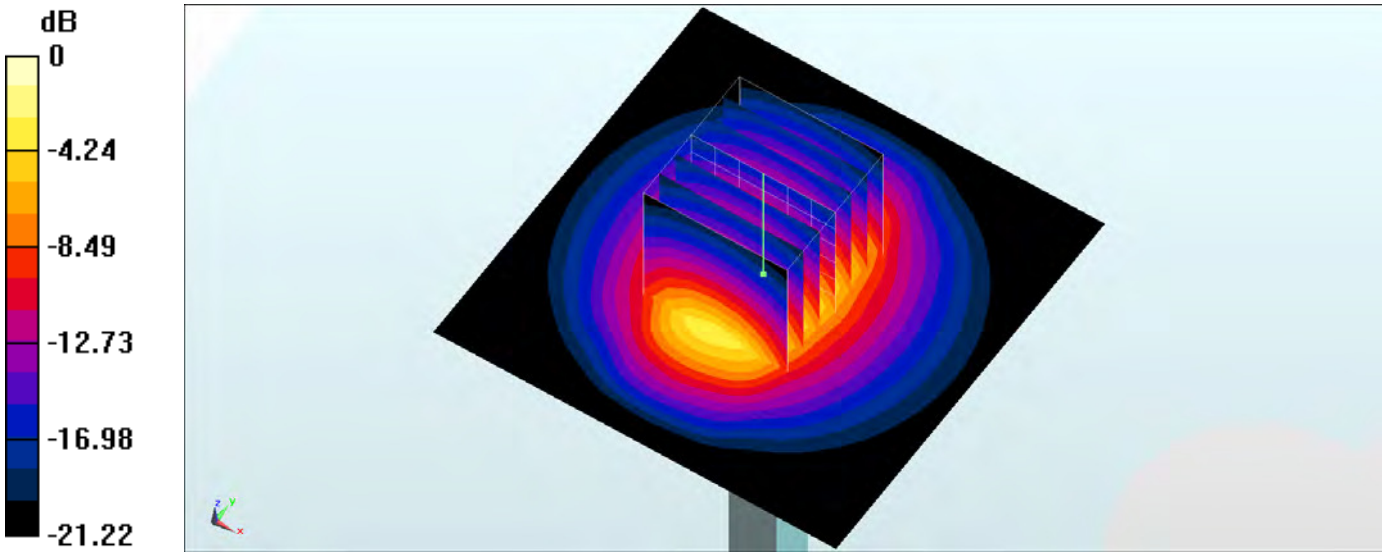
DUT: D2450V2-736

Communication System: CW; Frequency: 2450 MHz;Duty Cycle: 1:1
Medium: HSL_2450_160423 Medium parameters used: f = 2450 MHz; σ = 1.78 S/m; ε_r = 39.411; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：22.4 ℃

DASY5 Configuration
- Probe: EX3DV4 - SN3931; ConvF(7.51, 7.51, 7.51); Calibrated: 2015/10/1;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2015/9/24
- Phantom: SAM_Left; Type: QD000P40CD; Serial: S/N:1796
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/Pin=250mW/Area Scan (71x71x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 20.5 W/kg

Configuration/Pin=250mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 110.5 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 24.9 W/kg
SAR(1 g) = 12.2 W/kg; SAR(10 g) = 5.76 W/kg
Maximum value of SAR (measured) = 20.3 W/kg



0 dB = 20.3 W/kg = 13.07 dBW/kg

System Check_Body_2450MHz_160417

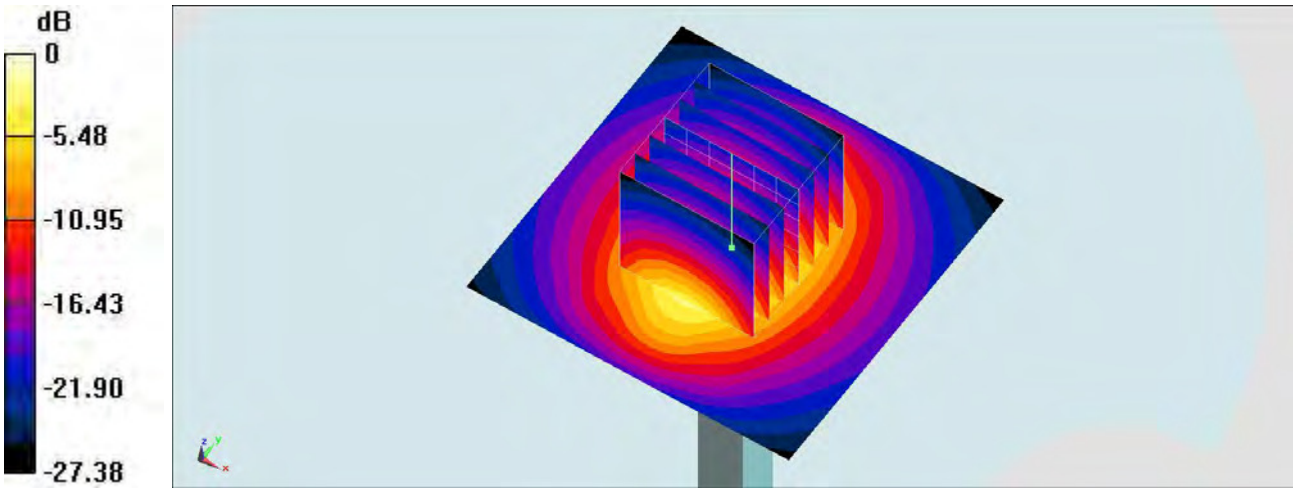
DUT: D2450V2-736

Communication System: CW ; Frequency: 2450 MHz;Duty Cycle: 1:1
Medium: MSL_2450_160417 Medium parameters used: f = 2450 MHz; σ = 2.013 S/m; ε_r = 53.321; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃； Liquid Temperature：22.4 ℃

DASY5 Configuration
- Probe: EX3DV4 - SN3955; ConvF(7.53, 7.53, 7.53); Calibrated: 2015/11/24;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2015/11/23
- Phantom: SAM_RIGHT; Type: QD000P40CD; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/Pin=250mW/Area Scan (61x61x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 19.7 W/kg

Configuration/Pin=250mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 103.3 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 24.2 W/kg
SAR(1 g) = 11.95 W/kg; SAR(10 g) = 5.5 W/kg
Maximum value of SAR (measured) = 19.7 W/kg



0 dB = 19.7 W/kg = 12.94 dBW/kg

System Check_Body_2450MHz_160422

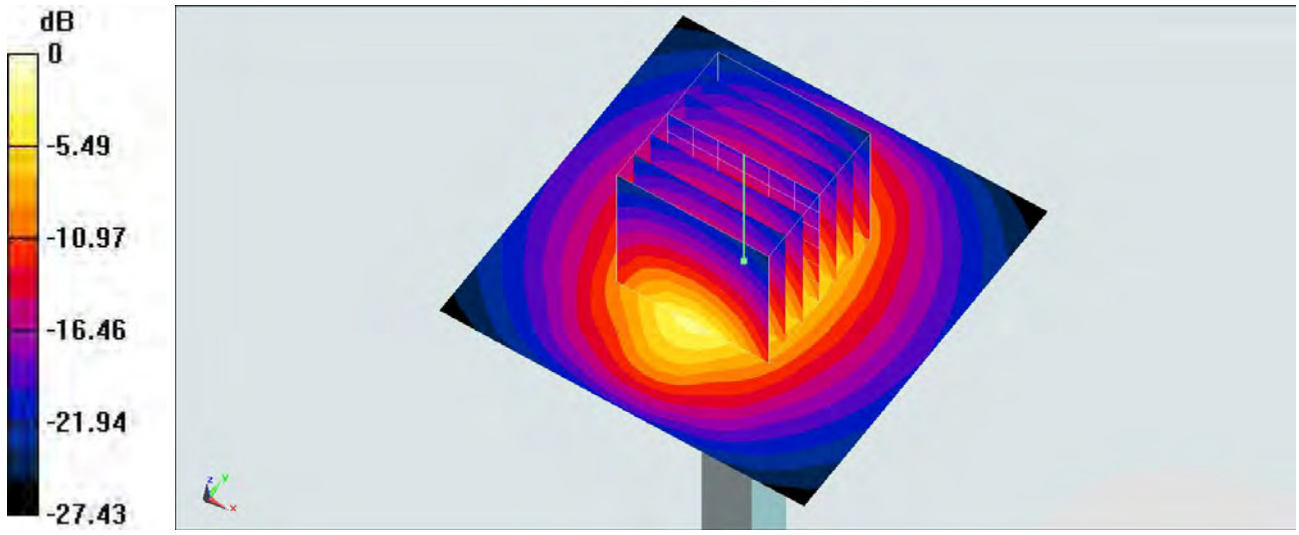
DUT: D2450V2-736

Communication System: CW; Frequency: 2450 MHz;Duty Cycle: 1:1
Medium: MSL_2450_160422 Medium parameters used: f = 2450 MHz; σ = 1.953 S/m; ε_r = 54.456; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃； Liquid Temperature：22.6 ℃

DASY5 Configuration
- Probe: EX3DV4 - SN3955; ConvF(7.53, 7.53, 7.53); Calibrated: 2015/11/24;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2015/11/23
- Phantom: SAM_RIGHT; Type: QD000P40CD; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/Pin=250mW/Area Scan (61x61x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 21.0 W/kg

Configuration/Pin=250mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 108.1 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 25.8 W/kg
SAR(1 g) = 12.7 W/kg; SAR(10 g) = 5.95 W/kg
Maximum value of SAR (measured) = 21.2 W/kg



0 dB = 21.0 W/kg = 13.22 dBW/kg

System Check_Body_2450MHz_160429

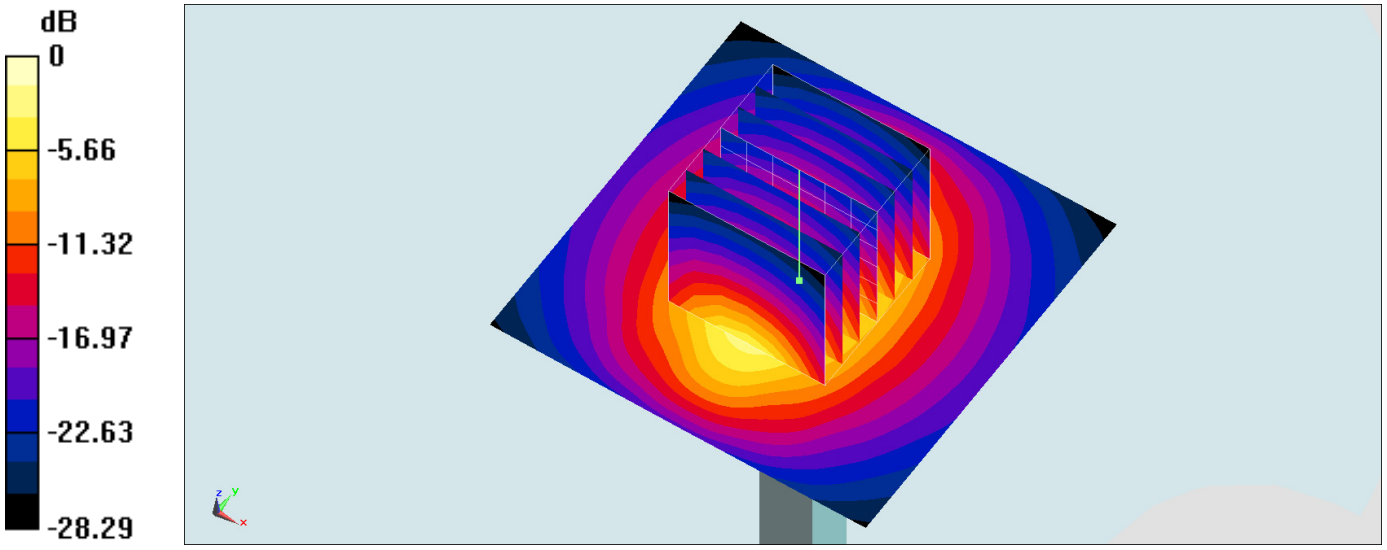
DUT: D2450V2-736

Communication System: CW; Frequency: 2450 MHz;Duty Cycle: 1:1
Medium: MSL_2450_160429 Medium parameters used: f = 2450 MHz; σ = 2.006 S/m; ε_r = 53.271; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：22.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3925; ConvF(7.54, 7.54, 7.54); Calibrated: 2015/5/27;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2015/5/22
- Phantom: SAM-Right; Type: SAM; Serial: 1795
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7331)

Configuration/Pin=250mW/Area Scan (61x61x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 20.6 W/kg

Configuration/Pin=250mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 103.3 V/m; Power Drift = 0.00 dB
Peak SAR (extrapolated) = 25.6 W/kg
SAR(1 g) = 12.5 W/kg; SAR(10 g) = 5.85 W/kg
Maximum value of SAR (measured) = 20.8 W/kg



0 dB = 20.6 W/kg = 13.14 dBW/kg

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2016/4/12

System Check_Head_2600MHz_160412

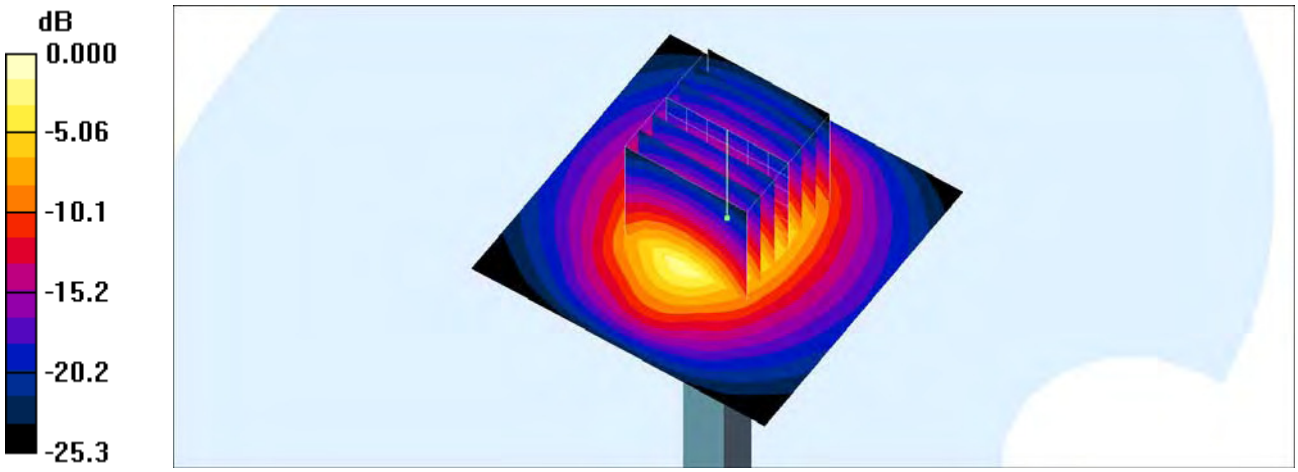
DUT: D2600V2-1008

Communication System: CW; Frequency: 2600 MHz;Duty Cycle: 1:1
Medium: HSL_2600_160412 Medium parameters used: f = 2600 MHz; σ = 1.95 mho/m; ε_r = 39; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：22.3 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3925; ConvF(7.17, 7.17, 7.17); Calibrated: 2015/5/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2015/5/22
- Phantom: SAM_Right; Type: SAM_Right; Serial: TP-1303
- ;Postprocessing SW: SEMCAD, V1.8 Build 159

Pin=250mW/Area Scan (61x61x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (interpolated) = 24.1 mW/g

Pin=250mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 114.6 V/m; Power Drift = 0.012 dB
Peak SAR (extrapolated) = 30.1 W/kg
SAR(1 g) = 13.7 mW/g; SAR(10 g) = 5.98 mW/g
Maximum value of SAR (measured) = 23.8 mW/g



0 dB = 23.8mW/g

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2016/4/16

System Check_Body_2600MHz_160416

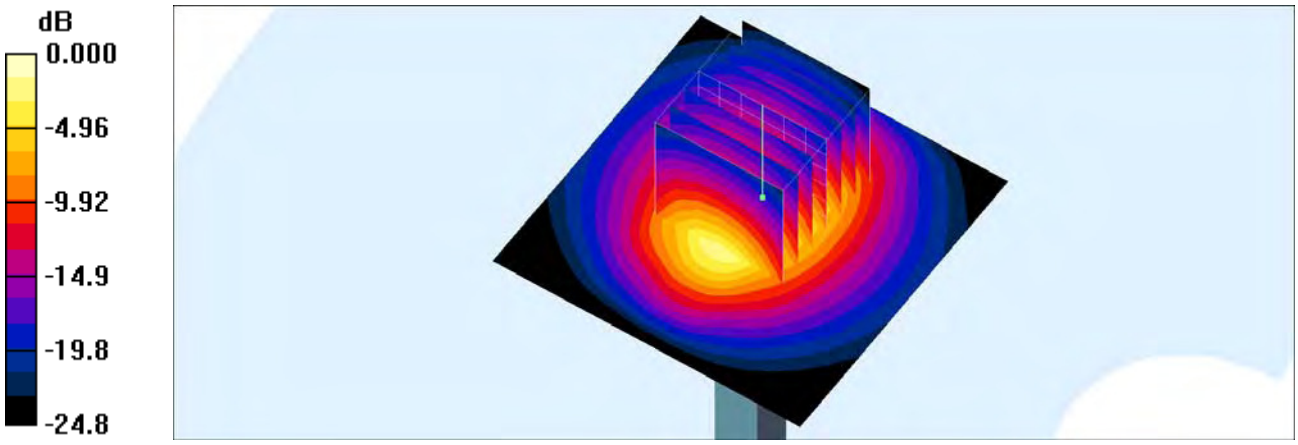
DUT: D2600V2-1008

Communication System: CW; Frequency: 2600 MHz;Duty Cycle: 1:1
Medium: MSL_2600_160416 Medium parameters used: f = 2600 MHz; σ = 2.19 mho/m; ε_r = 53.9; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：22.3 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3925; ConvF(7.33, 7.33, 7.33); Calibrated: 2015/5/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2015/5/22
- Phantom: SAM_Right; Type: SAM_Right; Serial: TP-1303
- ;Postprocessing SW: SEMCAD, V1.8 Build 159

Pin=250mW/Area Scan (61x61x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (interpolated) = 26.5 mW/g

Pin=250mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 104.7 V/m; Power Drift = 0.130 dB
Peak SAR (extrapolated) = 31.5 W/kg
SAR(1 g) = 14.5 mW/g; SAR(10 g) = 6.33 mW/g
Maximum value of SAR (measured) = 24.6 mW/g



0 dB = 24.6mW/g

System Check_Head_5250MHz_160421

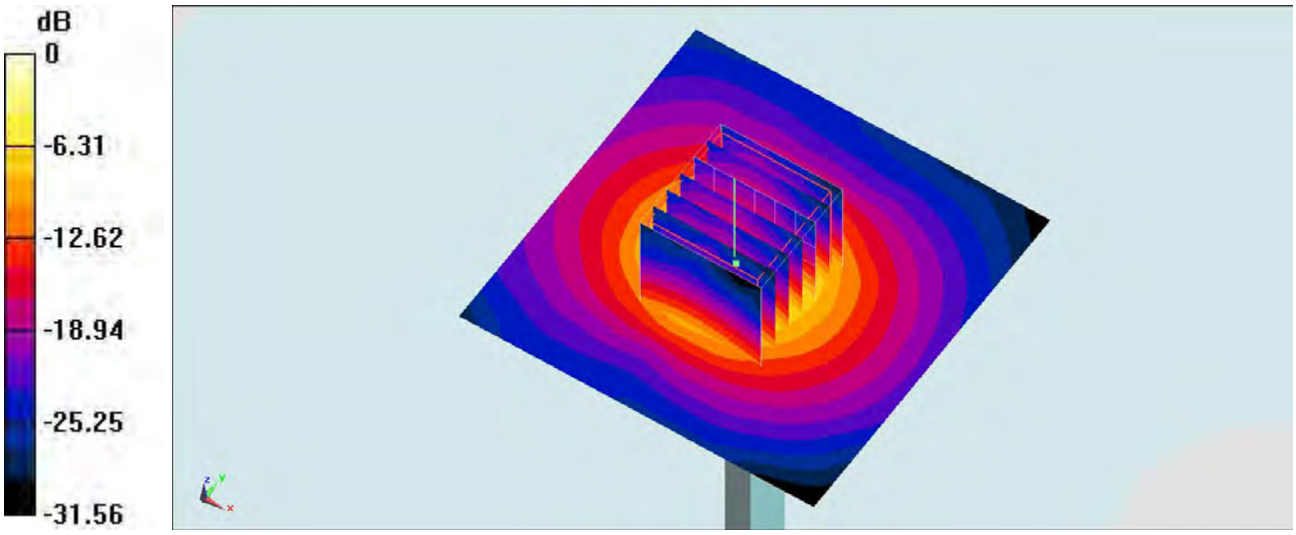
DUT: D5GHzV2-1128

Communication System: CW; Frequency: 5250 MHz;Duty Cycle: 1:1
Medium: HSL_5G_160421 Medium parameters used: f = 5250 MHz; σ = 4.506 S/m; ε_r = 35.122; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃； Liquid Temperature：22.6 ℃

DASY5 Configuration
- Probe: EX3DV4 - SN3955; ConvF(5.08, 5.08, 5.08); Calibrated: 2015/11/24;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2015/11/23
- Phantom: SAM LEFT; Type: QD000P40CD; Serial: TP:1718
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/Pin=100mW/Area Scan (71x71x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 18.4 W/kg

Configuration/Pin=100mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 68.01 V/m; Power Drift = 0.14 dB
Peak SAR (extrapolated) = 30.6 W/kg
SAR(1 g) = 7.56 W/kg; SAR(10 g) = 2.14 W/kg
Maximum value of SAR (measured) = 18.2 W/kg



0 dB = 18.4 W/kg = 12.65 dBW/kg

System Check_Body_5250MHz_160417

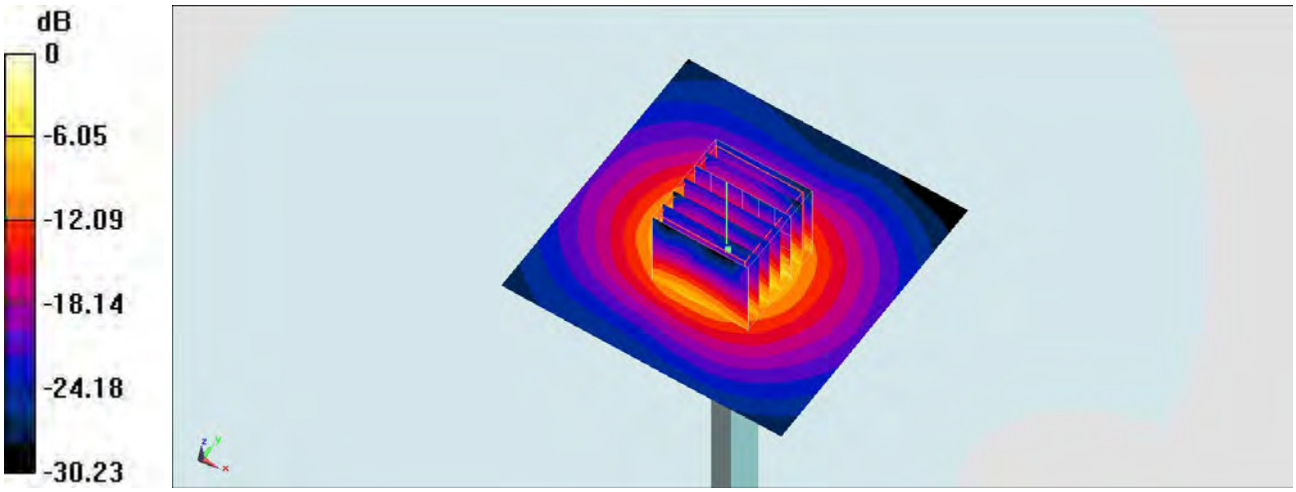
DUT: D5GHzV2-1128

Communication System: CW; Frequency: 5250 MHz;Duty Cycle: 1:1
Medium: MSL_5G_160417 Medium parameters used: f = 5250 MHz; σ = 5.396 S/m; ε_r = 46.717; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃； Liquid Temperature：22.5 ℃

DASY5 Configuration
- Probe: EX3DV4 - SN3955; ConvF(4.42, 4.42, 4.42); Calibrated: 2015/11/24;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2015/11/23
- Phantom: SAM_RIGHT; Type: QD000P40CD; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/Pin=100mW/Area Scan (71x71x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 17.4 W/kg

Configuration/Pin=100mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 64.54 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 27.5 W/kg
SAR(1 g) = 7.03 W/kg; SAR(10 g) = 1.94 W/kg
Maximum value of SAR (measured) = 17.1 W/kg



0 dB = 17.4 W/kg = 12.41 dBW/kg

System Check_Body_5250MHz_160418

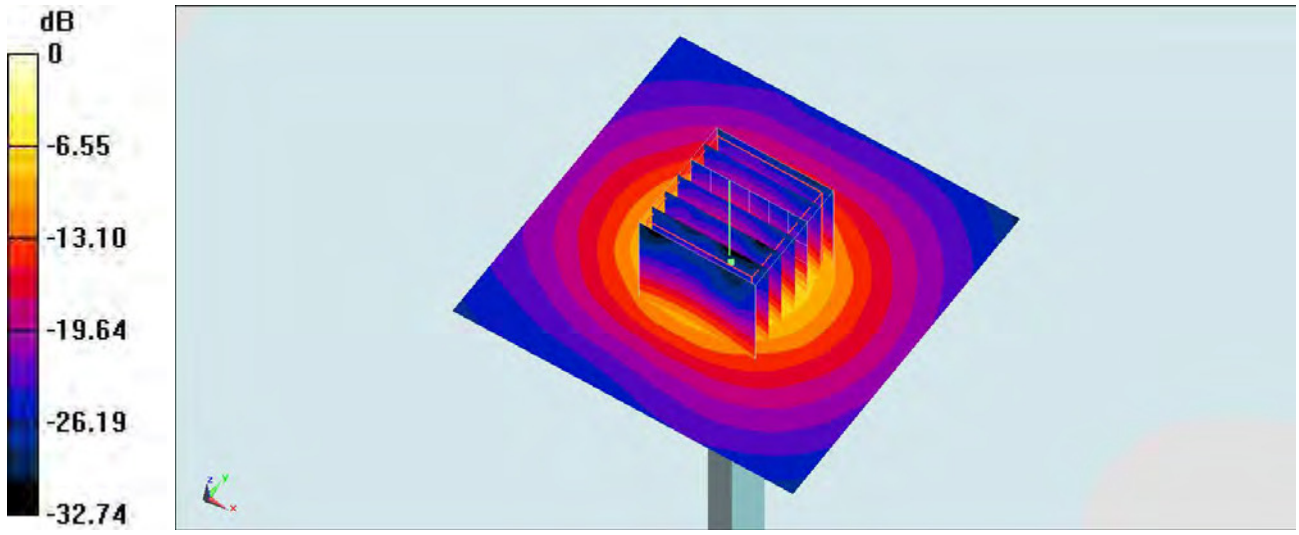
DUT: D5GHzV2-1128

Communication System: CW; Frequency: 5250 MHz;Duty Cycle: 1:1
Medium: MSL_5G_160418 Medium parameters used: f = 5250 MHz; σ = 5.531 S/m; ε_r = 47.065; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃； Liquid Temperature：22.6 ℃

DASY5 Configuration
- Probe: EX3DV4 - SN3955; ConvF(4.42, 4.42, 4.42); Calibrated: 2015/11/24;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2015/11/23
- Phantom: SAM_RIGHT; Type: QD000P40CD; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/Pin=100mW/Area Scan (71x71x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 16.6 W/kg

Configuration/Pin=100mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 65.42 V/m; Power Drift = 0.10 dB
Peak SAR (extrapolated) = 29.7 W/kg
SAR(1 g) = 7.27 W/kg; SAR(10 g) = 1.99 W/kg
Maximum value of SAR (measured) = 18.0 W/kg



0 dB = 16.6 W/kg = 12.20 dBW/kg

System Check_Body_5250MHz_160422

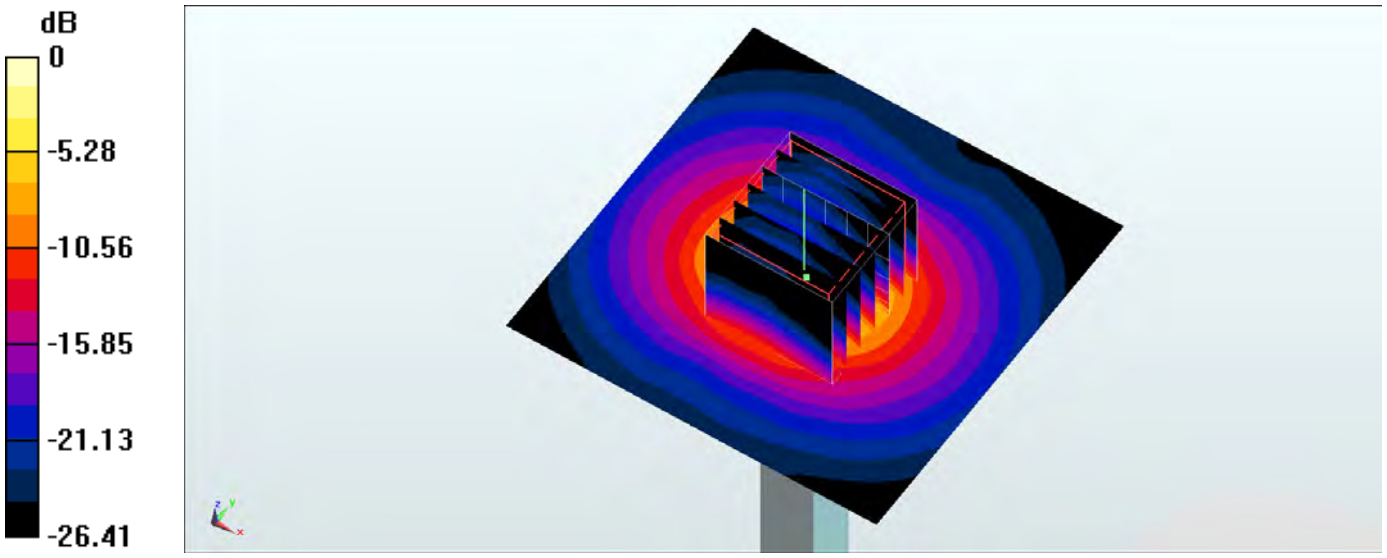
DUT: D5GHzV2-1128

Communication System: CW; Frequency: 5250 MHz;Duty Cycle: 1:1
Medium: MSL_5G_160422 Medium parameters used: f = 5250 MHz; σ = 5.561 S/m; ε_r = 46.917; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：22.4 ℃

DASY5 Configuration
- Probe: EX3DV4 - SN3931; ConvF(4.48, 4.48, 4.48); Calibrated: 2015/10/1;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2015/9/24
- Phantom: SAM_Right; Type: QD000P40CD; Serial: S/N:1801
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/Pin=100mW/Area Scan (71x71x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 18.6 W/kg

Configuration/Pin=100mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 67.83 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 31.1 W/kg
SAR(1 g) = 7.96 W/kg; SAR(10 g) = 2.21 W/kg
Maximum value of SAR (measured) = 19.4 W/kg



0 dB = 19.4 W/kg = 12.88 dBW/kg

System Check_Head_5300MHz_160610

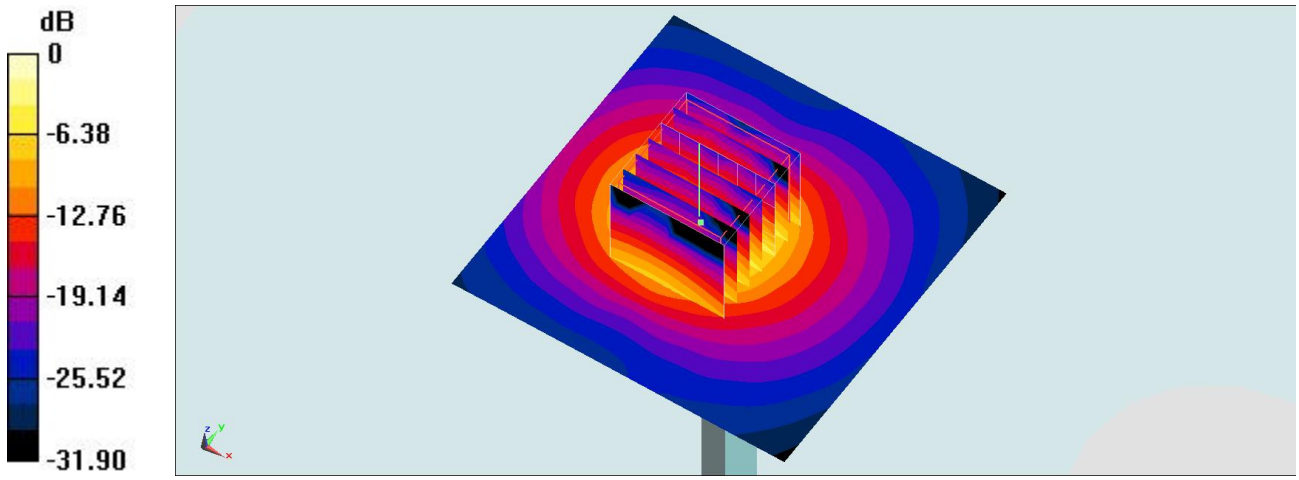
DUT: D5GHzV2-1006

Communication System: CW; Frequency: 5300 MHz;Duty Cycle: 1:1
Medium: HSL_5G_160610 Medium parameters used: f = 5300 MHz; σ = 4.713 S/m; ε_r = 35.508; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃； Liquid Temperature：22.6 ℃

DASY5 Configuration
- Probe: EX3DV4 - SN3925; ConvF(5.15, 5.15, 5.15); Calibrated: 2016/5/26;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2016/5/27
- Phantom: SAM_RIGHT; Type: QD000P40CD; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Configuration/Pin=100mW/Area Scan (71x71x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 22.1 W/kg

Configuration/Pin=100mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 61.173 V/m; Power Drift = 0.11 dB
Peak SAR (extrapolated) = 36.8 W/kg
SAR(1 g) = 8.65 W/kg; SAR(10 g) = 2.35 W/kg
Maximum value of SAR (measured) = 21.6 W/kg



0 dB = 22.1 W/kg = 13.44 dBW/kg

System Check_Body_5300MHz_160610

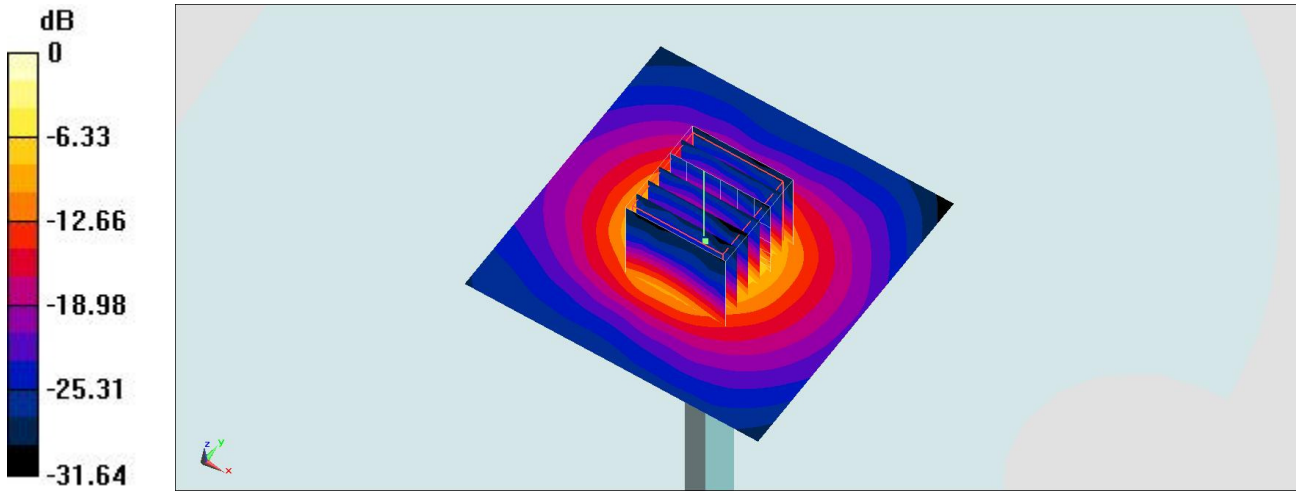
DUT: D5GHzV2-1006

Communication System: CW; Frequency: 5300 MHz;Duty Cycle: 1:1
Medium: MSL_5G_160610 Medium parameters used: f = 5300 MHz; σ = 5.59 S/m; ε_r = 49.161; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃； Liquid Temperature：22.6 ℃

DASY5 Configuration
- Probe: EX3DV4 - SN3925; ConvF(4.22, 4.22, 4.22); Calibrated: 2016/5/26;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2016/5/27
- Phantom: SAM LEFT; Type: QD000P40CD; Serial: TP:1718
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Pin=100mW/Area Scan (71x71x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 18.9 W/kg

Pin=100mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 68.077 V/m; Power Drift = -0.00 dB
Peak SAR (extrapolated) = 32.3 W/kg
SAR(1 g) = 7.78 W/kg; SAR(10 g) = 2.09 W/kg
Maximum value of SAR (measured) = 19.7 W/kg



0 dB = 18.9 W/kg = 12.76 dBW/kg

System Check_Head_5600MHz_160421

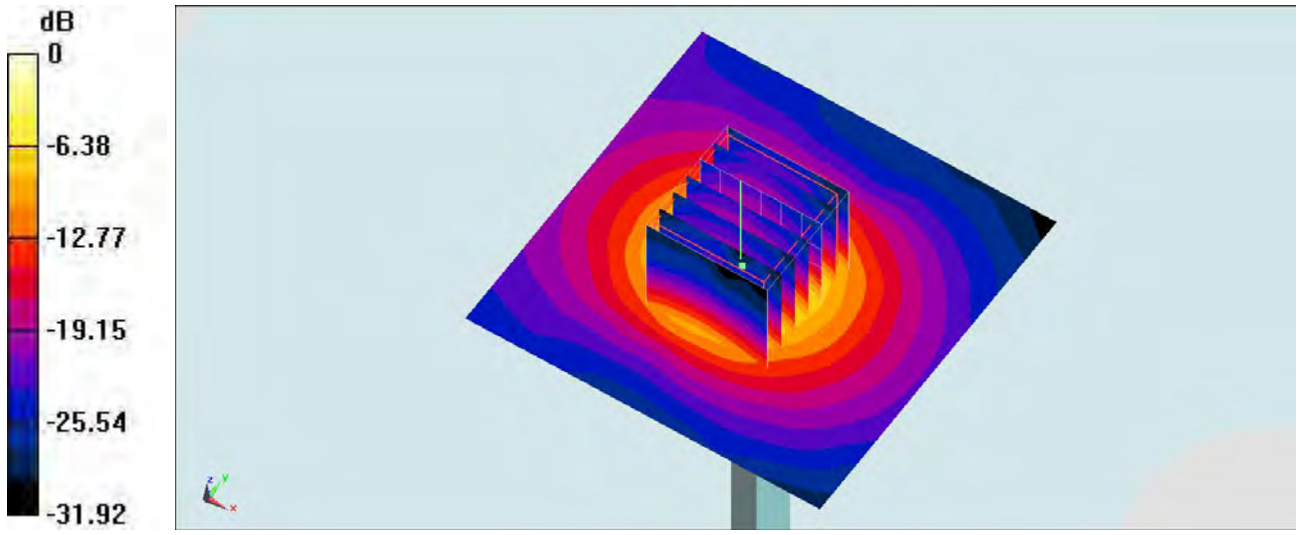
DUT: D5GHzV2-1128

Communication System: CW; Frequency: 5600 MHz;Duty Cycle: 1:1
Medium: HSL_5G_160421 Medium parameters used: f = 5600 MHz; σ = 4.838 S/m; ε_r = 34.679; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃； Liquid Temperature：22.6 ℃

DASY5 Configuration
- Probe: EX3DV4 - SN3955; ConvF(4.39, 4.39, 4.39); Calibrated: 2015/11/24;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2015/11/23
- Phantom: SAM LEFT; Type: QD000P40CD; Serial: TP:1718
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/Pin=100mW/Area Scan (71x71x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 19.4 W/kg

Configuration/Pin=100mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 69.82 V/m; Power Drift = 0.19 dB
Peak SAR (extrapolated) = 31.2 W/kg
SAR(1 g) = 7.95 W/kg; SAR(10 g) = 2.25 W/kg
Maximum value of SAR (measured) = 19.3 W/kg



0 dB = 19.4 W/kg = 12.88 dBW/kg

System Check_Head_5600MHz_160610

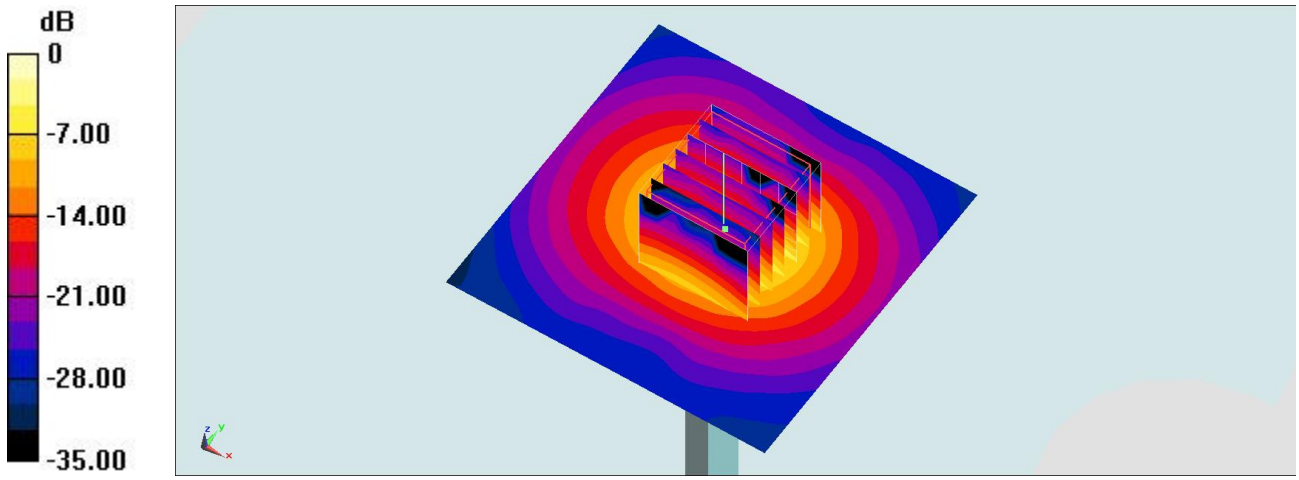
DUT: D5GHzV2-1006

Communication System: CW; Frequency: 5600 MHz;Duty Cycle: 1:1
Medium: HSL_5G_160610 Medium parameters used: f = 5600 MHz; σ = 4.992 S/m; ε_r = 35.112; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃； Liquid Temperature：22.6 ℃

DASY5 Configuration
- Probe: EX3DV4 - SN3925; ConvF(4.47, 4.47, 4.47); Calibrated: 2016/5/26;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2016/5/27
- Phantom: SAM_RIGHT; Type: QD000P40CD; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Configuration/Pin=100mW/Area Scan (71x71x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 21.1 W/kg

Configuration/Pin=100mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 72.513 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 35.1 W/kg
SAR(1 g) = 8.8 W/kg; SAR(10 g) = 2.41 W/kg
Maximum value of SAR (measured) = 21.7 W/kg



0 dB = 21.1 W/kg = 13.24 dBW/kg

System Check_Body_5600MHz_160417

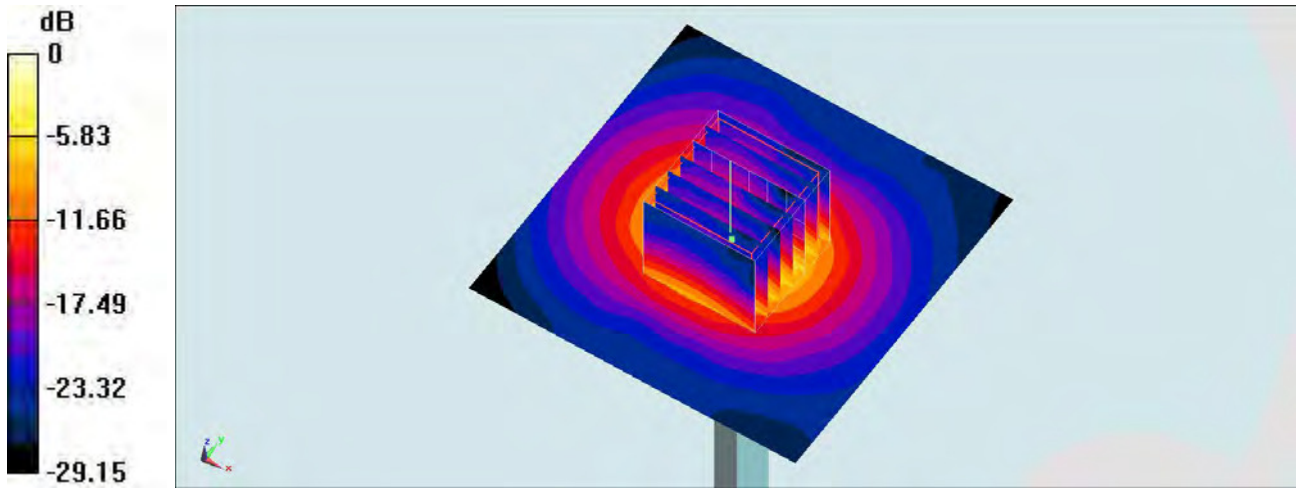
DUT: D5GHzV2-1128

Communication System: CW; Frequency: 5600 MHz;Duty Cycle: 1:1
Medium: MSL_5G_160417 Medium parameters used: f = 5600 MHz; σ = 5.846 S/m; ε_r = 46.176; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃； Liquid Temperature：22.5 ℃

DASY5 Configuration
- Probe: EX3DV4 - SN3955; ConvF(3.81, 3.81, 3.81); Calibrated: 2015/11/24;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2015/11/23
- Phantom: SAM_RIGHT; Type: QD000P40CD; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/Pin=100mW/Area Scan (71x71x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 20.7 W/kg

Configuration/Pin=100mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 70.17 V/m; Power Drift = 0.14 dB
Peak SAR (extrapolated) = 34.1 W/kg
SAR(1 g) = 8.29 W/kg; SAR(10 g) = 2.23 W/kg
Maximum value of SAR (measured) = 21.0 W/kg



0 dB = 20.7 W/kg = 13.16 dBW/kg

System Check_Body_5600MHz_160610

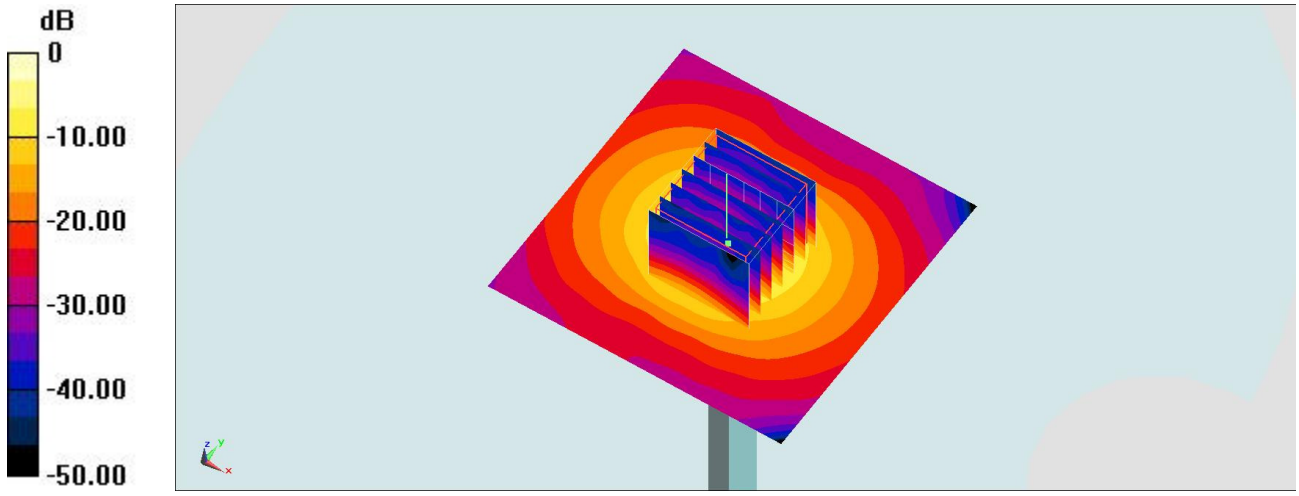
DUT: D5GHzV2-1006

Communication System: CW; Frequency: 5600 MHz;Duty Cycle: 1:1
Medium: MSL_5G_160610 Medium parameters used: f = 5600 MHz; σ = 5.975 S/m; ε_r = 48.656; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃； Liquid Temperature：22.6 ℃

DASY5 Configuration
- Probe: EX3DV4 - SN3925; ConvF(3.85, 3.85, 3.85); Calibrated: 2016/5/26;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2016/5/27
- Phantom: SAM LEFT; Type: QD000P40CD; Serial: TP:1718
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Pin=100mW/Area Scan (71x71x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 18.6 W/kg

Pin=100mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 67.777 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 32.6 W/kg
SAR(1 g) = 7.7 W/kg; SAR(10 g) = 2.08 W/kg
Maximum value of SAR (measured) = 19.7 W/kg



0 dB = 18.6 W/kg = 12.70 dBW/kg

System Check_Head_5750MHz_160421

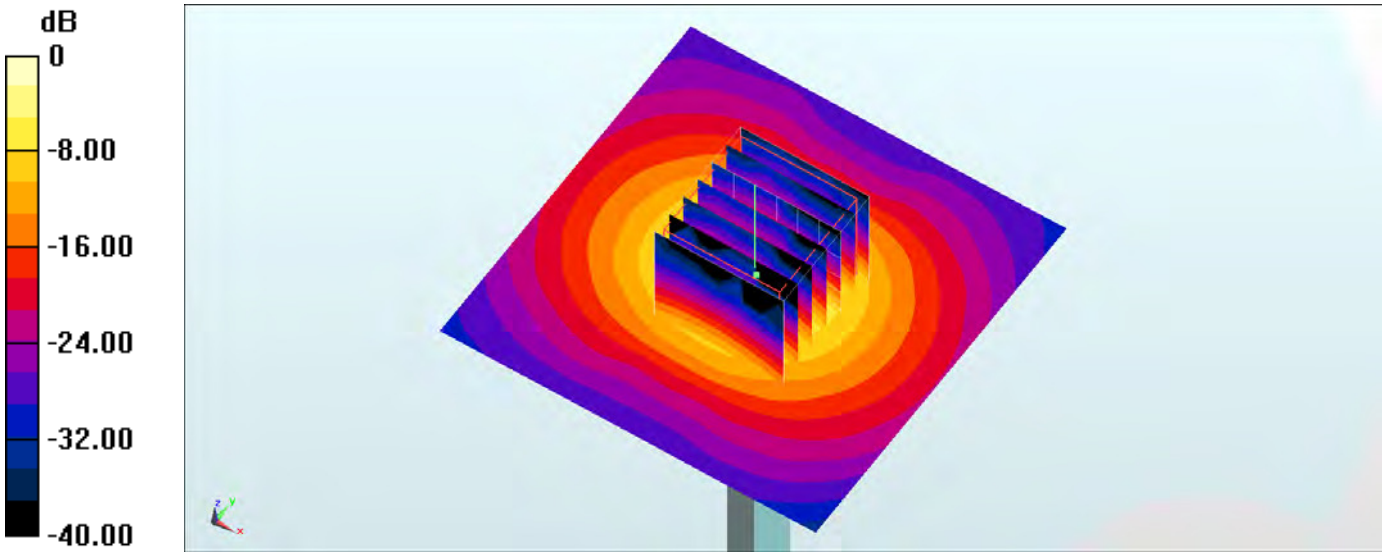
DUT: **D**5GHzV2-1128

Communication System: CW; Frequency: 5750 MHz;Duty Cycle: 1:1
Medium: HSL_5G_160421 Medium parameters used: f = 5750 MHz; σ = 4.991 S/m; ε_r = 34.493; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃; Liquid Temperature：22.6 ℃

DASY5 Configuration
- Probe: EX3DV4 - SN3955; ConvF(4.41, 4.41, 4.41); Calibrated: 2015/11/24;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2015/11/23
- Phantom: SAM LEFT; Type: QD000P40CD; Serial: TP:1718
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/Pin=100mW/Area Scan (71x71x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 18.8 W/kg

Configuration/Pin=100mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 71.65 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 32.0 W/kg
SAR(1 g) = 7.69 W/kg; SAR(10 g) = 2.15 W/kg
Maximum value of SAR (measured) = 19.3 W/kg



0 dB = 19.3 W/kg = 12.86 dBW/kg

System Check_Body_5750MHz_160422

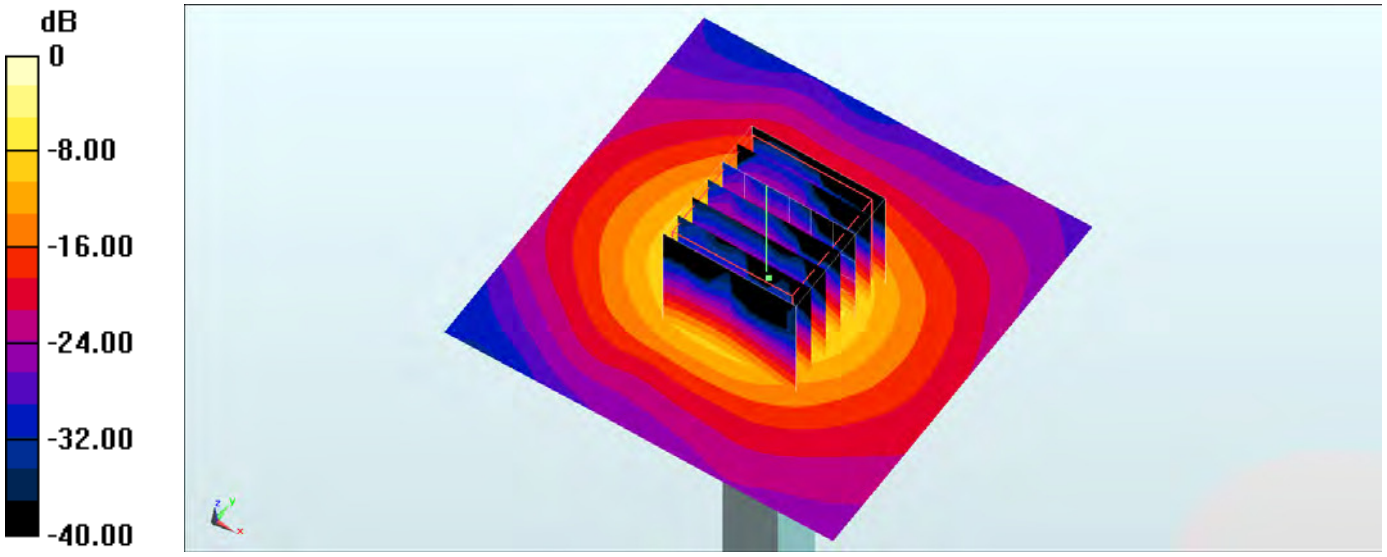
DUT: **D**5GHzV2-1128

Communication System: CW; Frequency: 5750 MHz;Duty Cycle: 1:1
Medium: MSL_5G_160422 Medium parameters used: f = 5750 MHz; σ = 6.23 S/m; ε_r = 45.988; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：22.4 ℃

DASY5 Configuration
- Probe: EX3DV4 - SN3931; ConvF(3.98, 3.98, 3.98); Calibrated: 2015/10/1;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2015/9/24
- Phantom: SAM_Right; Type: QD000P40CD; Serial: S/N:1801
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/Pin=100mW/Area Scan (71x71x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 19.2 W/kg

Configuration/Pin=100mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 65.44 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 32.9 W/kg
SAR(1 g) = 7.32 W/kg; SAR(10 g) = 1.98 W/kg
Maximum value of SAR (measured) = 19.2 W/kg



0 dB = 19.2 W/kg = 12.83 dBW/kg