System Check_Head_900MHz

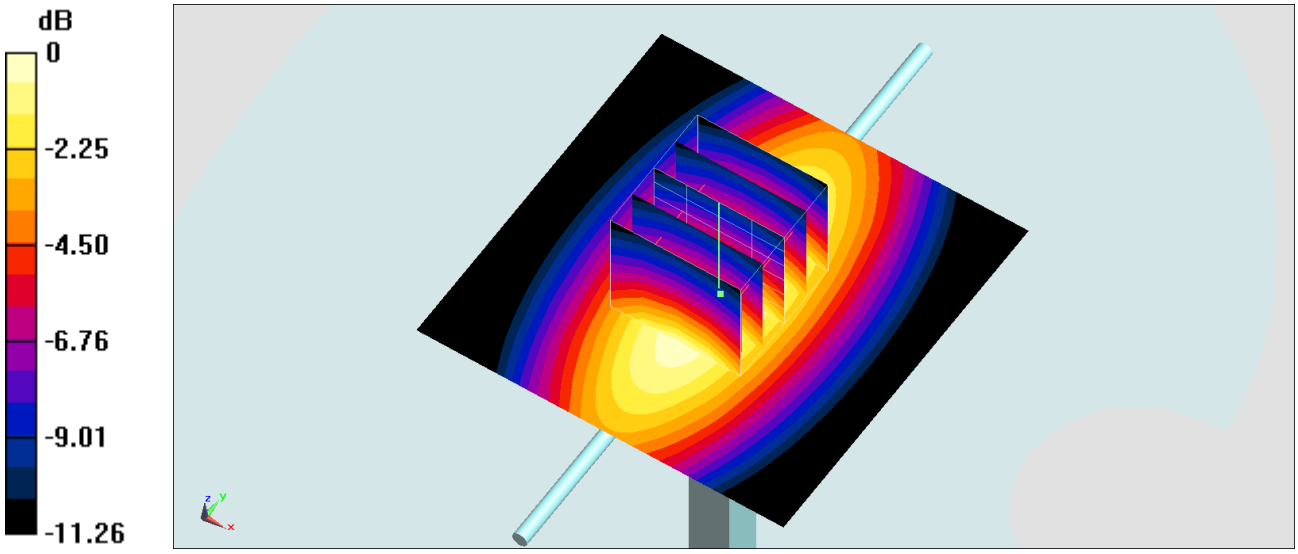
DUT: D900V2-1d165

Communication System: CW; Frequency: 900 MHz;Duty Cycle: 1:1
Medium: HSL_900_191007 Medium parameters used: f = 900 MHz; σ = 0.935 S/m; ε_r = 41.672; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：22.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7346; ConvF(9.79, 9.79, 9.79) @ 900 MHz; Calibrated: 2019/4/25
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn853; Calibrated: 2019/7/18
- Phantom: SAM_Left; Type: QD000P40CD; Serial: TP:1477
- Measurement SW: DASY52, Version 52.10 (2);SEMCAD X Version 14.6.12 (7470)

Pin=250mW/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 3.86 W/kg

Pin=250mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 65.97 V/m; Power Drift = -0.09 dB
Peak SAR (extrapolated) = 4.46 W/kg
SAR(1 g) = 2.81 W/kg; SAR(10 g) = 1.81 W/kg
Maximum value of SAR (measured) = 3.81 W/kg



0 dB = 3.81 W/kg = 5.81 dBW/kg

System Check_Head_2450MHz

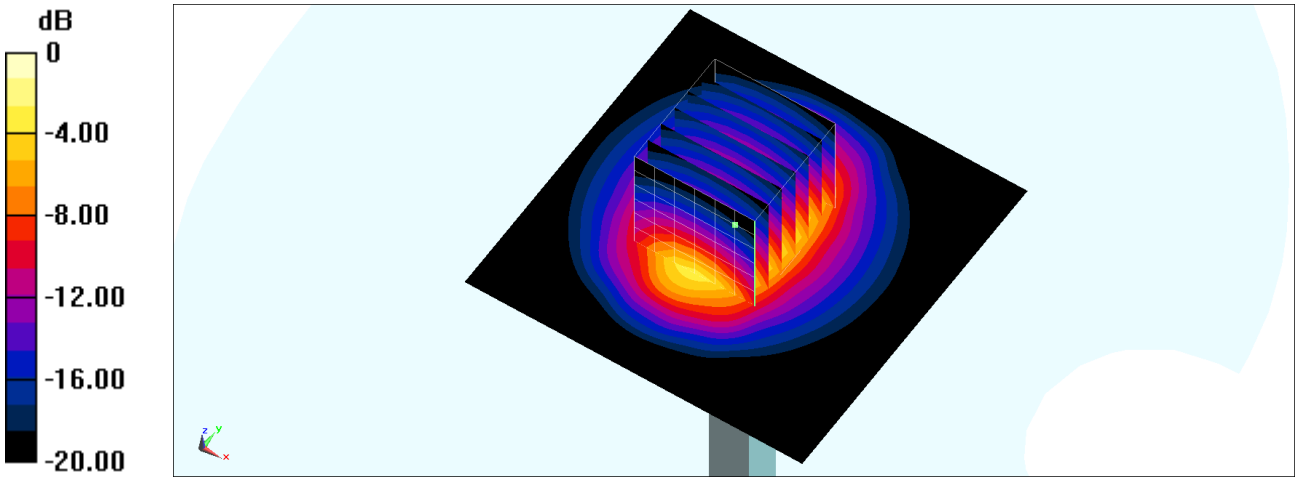
DUT: D2450V2-929

Communication System: CW; Frequency: 2450 MHz;Duty Cycle: 1:1
Medium: HSL_2450_191005 Medium parameters used : f = 2450 MHz; σ = 1.819 S/m; ε_r = 40.223; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：22.5 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3071; ConvF(4.31, 4.31, 4.31) @ 2450 MHz; Calibrated: 2018/12/13
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1311; Calibrated: 2019/8/27
- Phantom: SAM_Right; Type: SAM; Serial: TP:1681
- Measurement SW: DASY52, Version 52.10 (2);SEMCAD X Version 14.6.12 (7470)

Pin=250mW/Area Scan (71x71x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 16.6 W/kg

Pin=250mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 98.55 V/m; Power Drift = -0.07 dB
Peak SAR (extrapolated) = 24.9 W/kg
SAR(1 g) = 12.3 W/kg; SAR(10 g) = 5.75 W/kg
Maximum value of SAR (measured) = 16.2 W/kg



0 dB = 16.2 W/kg = 12.10 dBW/kg

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2019/10/8

System Check_Head_2450MHz

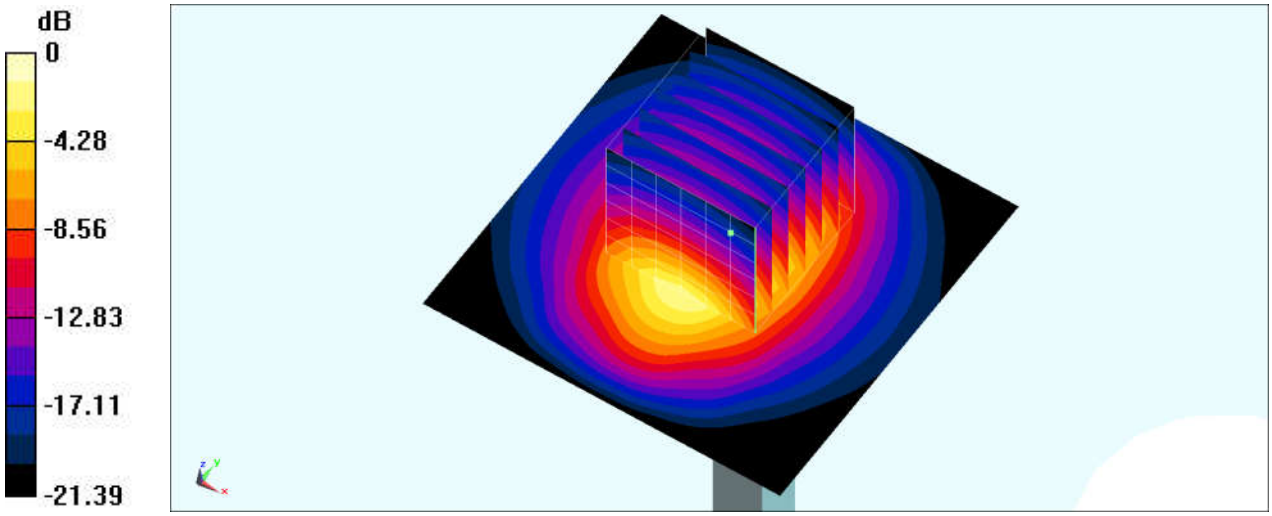
DUT: D2450V2-929

Communication System: CW; Frequency: 2450 MHz;Duty Cycle: 1:1
Medium: HSL_2450_191008 Medium parameters used : f = 2450 MHz; σ = 1.818 S/m; ε_r = 39.05; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃; Liquid Temperature：22.6 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3169; ConvF(4.54, 4.54, 4.54) @ 2450 MHz; Calibrated: 2019/5/24
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn699; Calibrated: 2019/1/3
- Phantom: SAM_Left; Type: QD000P40CD; Serial: TP:1684
- Measurement SW: DASY52, Version 52.10 (2);SEMCAD X Version 14.6.12 (7470)

Pin=250mW/Area Scan (61x61x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
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 = 100.7 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 27.7 W/kg
SAR(1 g) = 13.5 W/kg; SAR(10 g) = 6.32 W/kg
Maximum value of SAR (measured) = 17.7 W/kg



0 dB = 17.7 W/kg = 12.48 dBW/kg