Test Laboratory: TUV Inc. Date: 2024/10/9

System Check_HSL2450MHz

DUT: D2450V2 - SN804

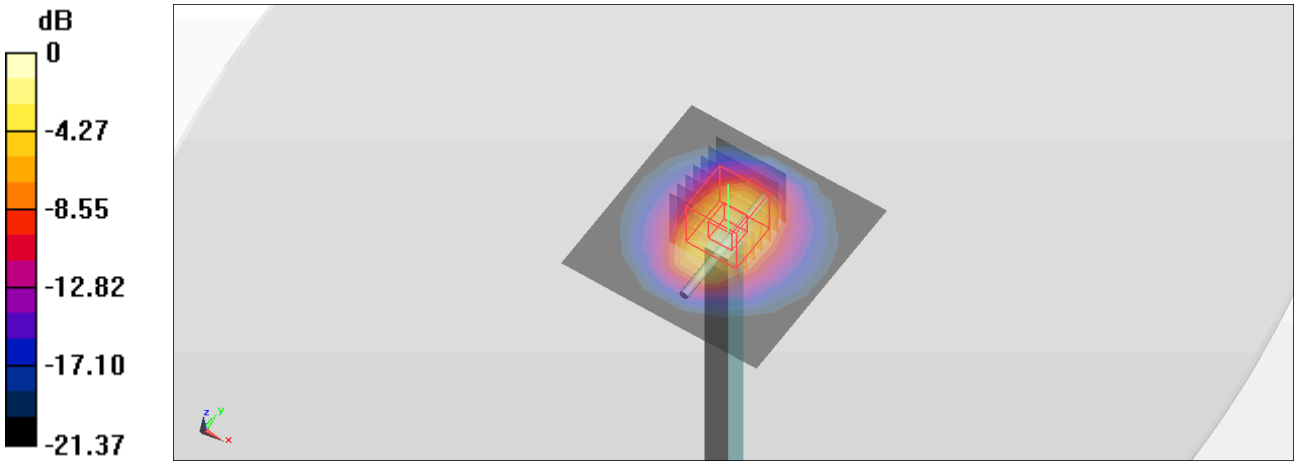
Communication System: CW; Frequency: 2450 MHz; Duty Cycle: 1:1
Medium: HSL2450_241009 Medium parameters used: f = 2450 MHz; σ = 1.806 S/m; ε_r = 39.72; ρ = 1000 kg/m^3
Ambient Temperature：23.1 ℃;Liquid Temperature：22.4℃

DASY Configuration:

- Electronics: DAE4 Sn855; Calibrated: 2024/4/22
- Probe: EX3DV4 - SN7400; ConvF(7.67, 7.67, 7.67) @ 2450 MHz; Calibrated: 2024/4/25
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), z = -9.0, 31.0
- Phantom: ELI V5.0 (20deg probe tilt); Type: QD OVA 002 AA; Serial: 1153
- DASY52 52.10.4(1535); SEMCAD X 14.6.14(7501)

Pin=250mW/Area Scan (8x8x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 15.6 W/kg

Pin=250mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 105.5 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 26.8 W/kg
SAR(1 g) = 13.1 W/kg; SAR(10 g) = 6.11 W/kg
Maximum value of SAR (measured) = 21.8 W/kg



0 dB = 21.8 W/kg = 13.38 dBW/kg

Test Laboratory: TUV Inc. Date: 2024/10/15

System Check_HSL5250MHz

DUT: D5GHzV2-SN:1235

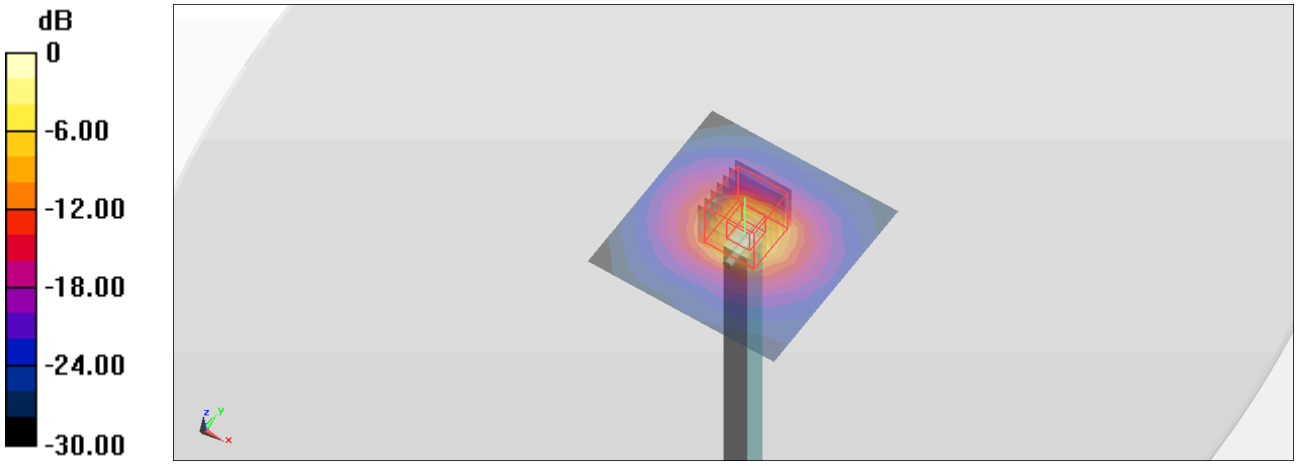
Communication System: CW; Frequency: 5250 MHz; Duty Cycle: 1:1
Medium: HSL5G_241015 Medium parameters used: f = 5250 MHz; σ = 4.655 S/m; ε_r = 35.762; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃;Liquid Temperature：22.6℃

DASY Configuration:

- Electronics: DAE4 Sn855; Calibrated: 2024/4/22
- Probe: EX3DV4 - SN7400; ConvF(5.05, 5.05, 5.05) @ 5250 MHz; Calibrated: 2024/4/25
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), z = -9.0, 23.0
- Phantom: ELI V5.0 (20deg probe tilt); Type: QD OVA 002 AA; Serial: 1153
- DASY52 52.10.4(1535); SEMCAD X 14.6.14(7501)

Pin=100mW/Area Scan (9x9x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 20.4 W/kg

Pin=100mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 64.30 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 33.9 W/kg
SAR(1 g) = 8.35 W/kg; SAR(10 g) = 2.39 W/kg
Maximum value of SAR (measured) = 20.9 W/kg



0 dB = 20.9 W/kg = 13.20 dBW/kg

Test Laboratory: TUV Inc. Date: 2024/10/15

System Check_HSL5750MHz

DUT: D5GHzV2-SN:1235

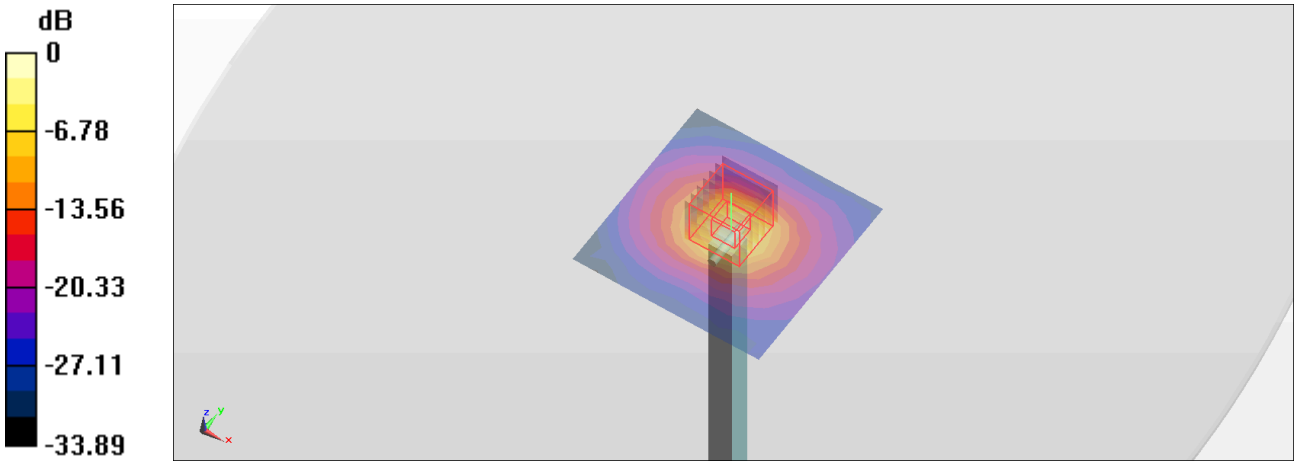
Communication System: CW; Frequency: 5750 MHz; Duty Cycle: 1:1
Medium: HSL5G_241015 Medium parameters used: f = 5750 MHz; σ = 5.185 S/m; ε_r = 35.069; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃;Liquid Temperature：22.6℃

DASY Configuration:

- Electronics: DAE4 Sn855; Calibrated: 2024/4/22
- Probe: EX3DV4 - SN7400; ConvF(4.77, 4.77, 4.77) @ 5750 MHz; Calibrated: 2024/4/25
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), z = -9.0, 23.0
- Phantom: ELI V5.0 (20deg probe tilt); Type: QD OVA 002 AA; Serial: 1153
- DASY52 52.10.4(1535); SEMCAD X 14.6.14(7501)

Pin=100mW/Area Scan (9x9x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 20.9 W/kg

Pin=100mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 60.81 V/m; Power Drift = -0.08 dB
Peak SAR (extrapolated) = 37.9 W/kg
SAR(1 g) = 8.18 W/kg; SAR(10 g) = 2.33 W/kg
Maximum value of SAR (measured) = 21.7 W/kg



0 dB = 21.7 W/kg = 13.36 dBW/kg