Test Laboratory: BTL Inc. Date: 2020/5/7

System Check_H2450_200304

DUT: Dipole 2450 MHz D2450V2;

Communication System: UID 0, CW (0); Frequency: 2450 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): f = 2450 MHz; σ = 1.8 S/m; ε_r = 39.2; ρ = 1000 kg/m^3
Ambient Temperature：22.5 ℃;Liquid Temperature：21.5℃

DASY Configuration:

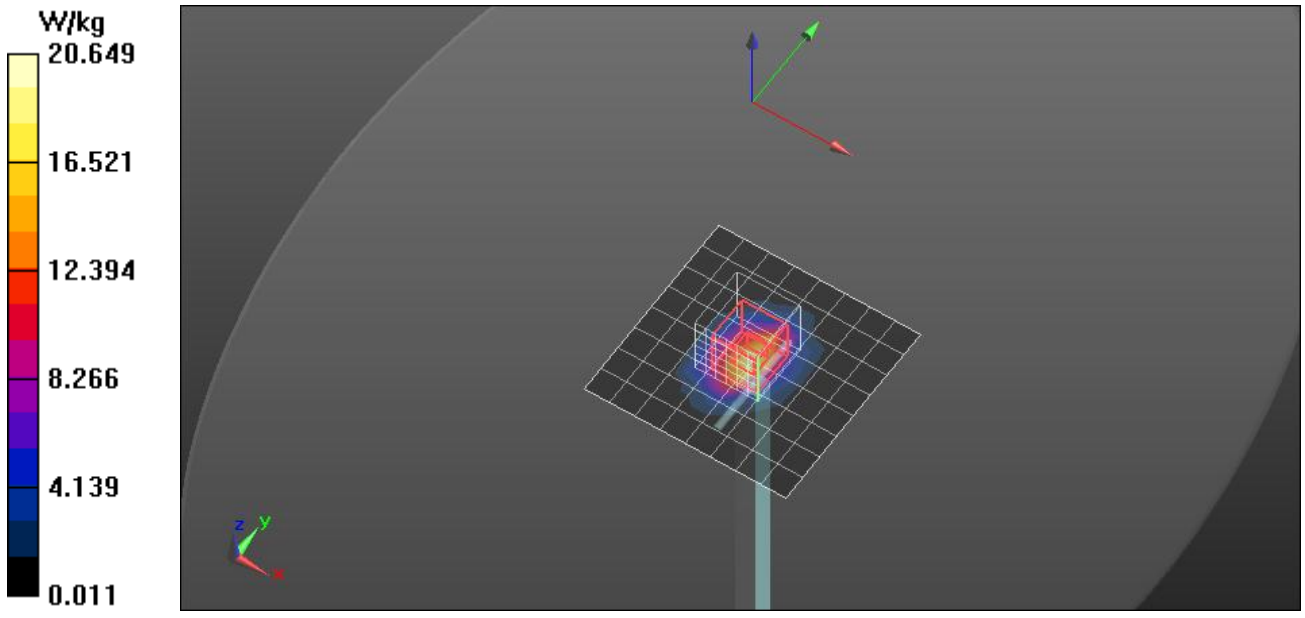
- Probe: EX3DV4 - SN7369; ConvF(7.65, 7.65, 7.65) @ 2450 MHz; Calibrated: 2019/6/19
- Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn1486; Calibrated: 2019/6/13
- Phantom: ELI V5.0 (20deg probe tilt); Type: QD OVA 002 AA; Serial: 1240
- DASY52 52.10.3(1513); SEMCAD X 14.6.14(7483)

System Performance Check at Frequencies above 1 GHz/Pin=250mW/Area Scan (9x9x1):

Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 20.6 W/kg

System Performance Check at Frequencies above 1 GHz/Pin=250mW/Zoom Scan (7x7x7)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 108.9 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 28.9 W/kg
SAR(1 g) = 13.6 W/kg; SAR(10 g) = 6.24 W/kg
Smallest distance from peaks to all points 3 dB below = 9.8 mm
Ratio of SAR at M2 to SAR at M1 = 46.6%
Maximum value of SAR (measured) = 21.1 W/kg



Test Laboratory: BTL Inc. Date: 2020/5/8

System Check_B5200_160920-1

DUT: Dipole D5GHzV2;

Communication System: UID 0, CW (0); Frequency: 5200 MHz; Duty Cycle: 1:1
Medium parameters used: f = 5200 MHz; σ = 4.672 S/m; ε_r = 35.069; ρ = 1000 kg/m^3
Ambient Temperature：22.8 ℃;Liquid Temperature：21.3℃

DASY Configuration:

- Probe: EX3DV4 - SN7369; ConvF(4.68, 4.68, 4.68) @ 5200 MHz; Calibrated: 2016/8/31
- Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 23.0
- Electronics: DAE4 Sn1486; Calibrated: 2016/8/23
- Phantom: ELI V5.0 (20deg probe tilt); Type: QD OVA 002 AA; Serial: 1240
- DASY52 52.8.8(1258); SEMCAD X 14.6.14(7483)

System Performance Check with D5GHzV2 Dipole (uniform grid)/Pin=100mW/Area Scan (10x10x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 11.9 W/kg

System Performance Check with D5GHzV2 Dipole (uniform grid)/Pin=100mW/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 58.09 V/m; Power Drift = -0.07 dB
Peak SAR (extrapolated) = 30.2 W/kg
SAR(1 g) = 7.92 W/kg; SAR(10 g) = 2.25 W/kg
Smallest distance from peaks to all points 3 dB below = 7.4 mm
Ratio of SAR at M2 to SAR at M1 = 57.4%
Maximum value of SAR (measured) = 16.4 W/kg