Test Laboratory: BTL Inc. Date: 2016/8/18

System Check_B2450_0818

DUT: Dipole 2450 MHz D2450V2;SN:919;

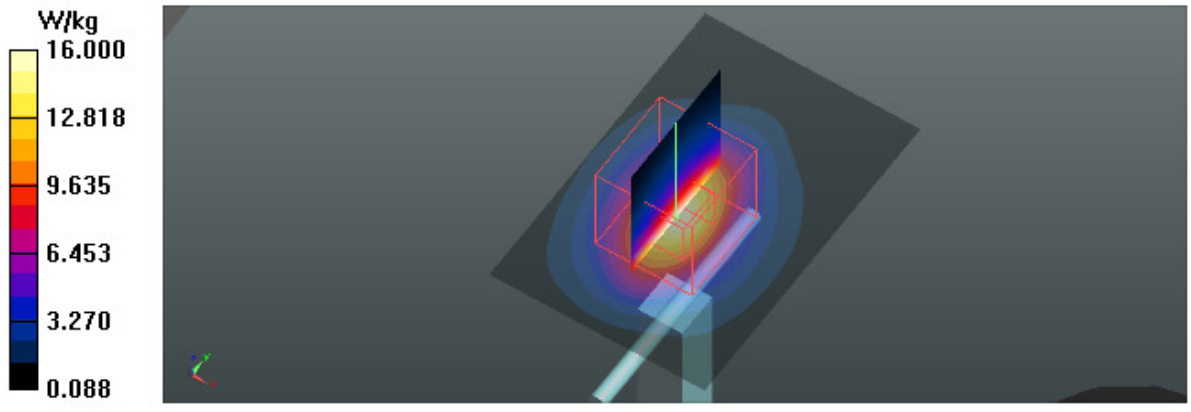
Communication System: UID 0, CW (0); Frequency: 2450 MHz; Duty Cycle: 1:1
Medium parameters used: f = 2450 MHz; σ = 1.972 S/m; ε_r = 51.58; ρ = 1000 kg/m^3
Ambient Temperature: 23.2 ℃; Liquid Temperature: 22.6 ℃

DASY Configuration:

- Probe: EX3DV4 - SN3932; ConvF(7.52, 7.52, 7.52); Calibrated: 2016/2/19;
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn1390; Calibrated: 2015/9/18
- Phantom: SAM Right; Type: Twin SAM; Serial: 1896
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Area Scan (5x7x1): Interpolated grid: dx=12 mm, dy=12 mm
Maximum value of SAR (interpolated) = 16.0 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 97.39 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 24.9 W/kg
SAR(1 g) = 12.6 W/kg; SAR(10 g) = 6 W/kg
Maximum value of SAR (measured) = 14.5 W/kg



Test Laboratory: BTL Inc. Date: 2016/8/19

System Check_B5200_0819

DUT: Dipole D5GHzV2;SN;1160;

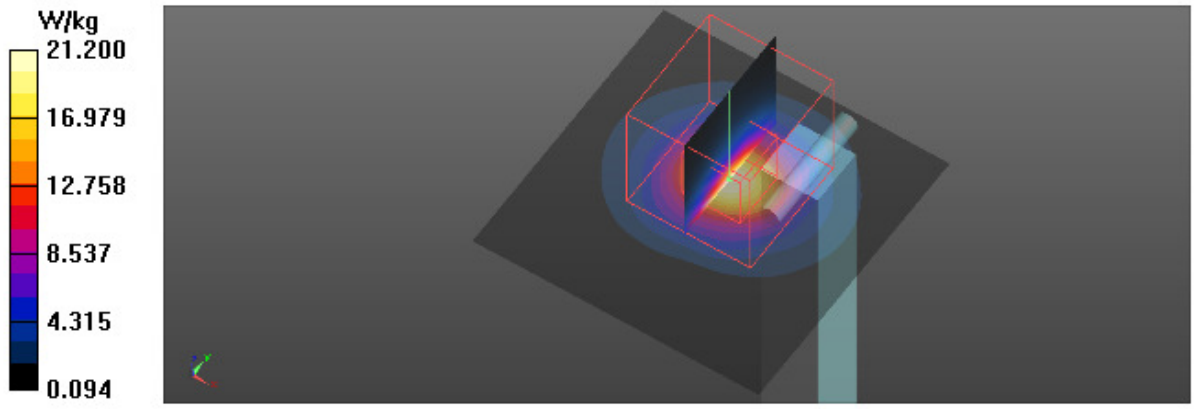
Communication System: UID 0, CW (0); Frequency: 5200 MHz; Duty Cycle: 1:1
Medium parameters used: f = 5200 MHz; σ = 5.29 S/m; ε_r = 47.46; ρ = 996 kg/m^3
Ambient Temperature: 23.5 ℃; Liquid Temperature: 22.7 ℃

DASY Configuration:

- Probe: EX3DV4 - SN3932; ConvF(4.45, 4.45, 4.45); Calibrated: 2016/2/19;
- Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 23.0
- Electronics: DAE4 Sn1390; Calibrated: 2015/9/18
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1222
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Area Scan (6x6x1): Interpolated grid: dx=10 mm, dy=10 mm
Maximum value of SAR (interpolated) = 21.2 W/kg

Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 42.80 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 30.7 W/kg
SAR(1 g) = 8.01 W/kg; SAR(10 g) = 3.12 W/kg
Maximum value of SAR (measured) = 22.4 W/kg



Test Laboratory: BTL Inc. Date: 2016/8/19

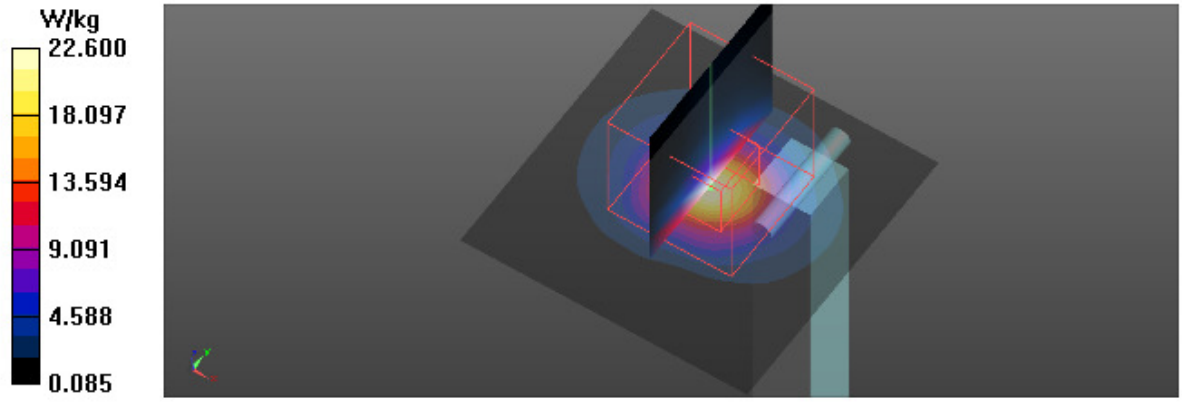
System Check_B5800_0819

DUT: Dipole D5GHzV2;SN;1160;

Communication System: UID 0, CW (0); Frequency: 5800 MHz; Duty Cycle: 1:1
Medium parameters used: f = 5800 MHz; σ = 6.102 S/m; ε_r = 46.36; ρ = 996 kg/m^3
Ambient Temperature: 23.5 ℃; Liquid Temperature: 22.7 ℃

DASY Configuration:

- Probe: EX3DV4 - SN3932; ConvF(3.88, 3.88, 3.88); Calibrated: 2016/2/19;
- Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn1390; Calibrated: 2015/9/18
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1222
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Area Scan (6x6x1): Interpolated grid: dx=10 mm, dy=10 mm
Maximum value of SAR (interpolated) = 22.6 W/kg

Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 37.93 V/m; Power Drift = -0.09 dB
Peak SAR (extrapolated) = 42.0 W/kg
SAR(1 g) = 7.85 W/kg; SAR(10 g) = 2.95 W/kg
Maximum value of SAR (measured) = 19.8 W/kg