

Test Laboratory: BTL Inc.

Date: 2021/12/4

System Check_H2450_1204

DUT: Dipole 2450 MHz D2450V2;SN:919;

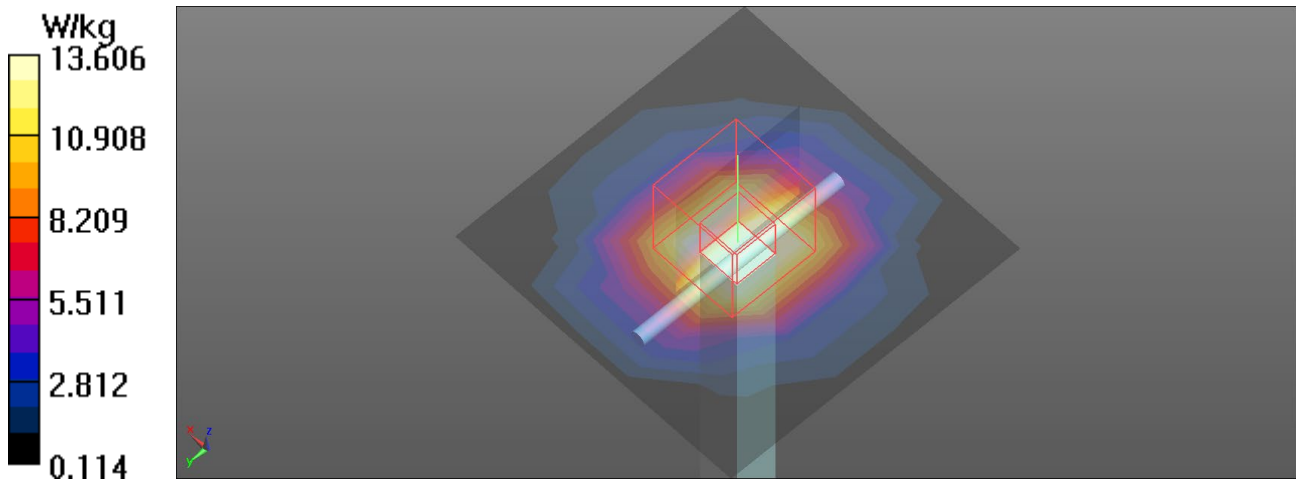
Communication System: UID 0, CW (0); Frequency: 2450 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 2450$ MHz; $\sigma = 1.863$ S/m; $\epsilon_r = 38.177$; $\rho = 1000$ kg/m³
Ambient Temperature: 23.1 °C; Liquid Temperature : 22.5 °C

DASY Configuration:

- Probe: ES3DV3 - SN3162; ConvF(4.58, 4.58, 4.58) @ 2450 MHz; Calibrated: 2021/6/15
- Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn420; Calibrated: 2020/12/9
- Phantom: ELI V5.0; Type: QD OVA 001 BB; Serial: TP:1222
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Area Scan (8x8x1): Measurement grid: $dx=12$ mm, $dy=12$ mm
Maximum value of SAR (measured) = 13.6 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm
Reference Value = 106.5 V/m; Power Drift = 0.00 dB
Peak SAR (extrapolated) = 23.5 W/kg
SAR(1 g) = 12.4 W/kg; SAR(10 g) = 6.19 W/kg
Maximum value of SAR (measured) = 19.5 W/kg



Test Laboratory: BTL Inc.

Date: 2021/12/5

System Check_H5250_1205

DUT: Dipole D5GHzV2;SN:1160;

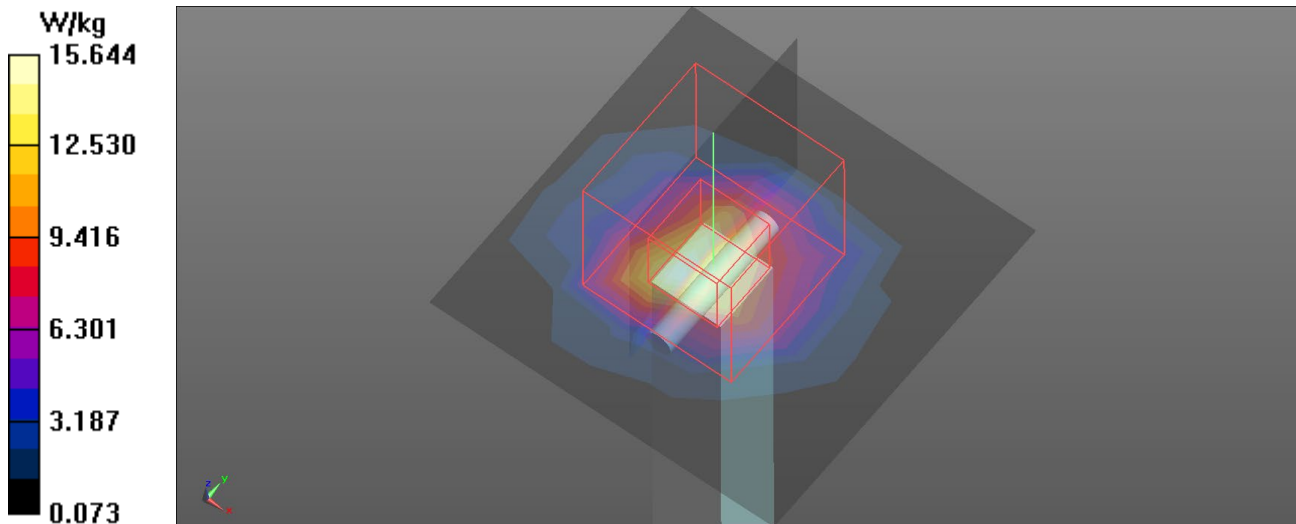
Communication System: UID 0, CW (0); Frequency: 5250 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 5250$ MHz; $\sigma = 4.707$ S/m; $\epsilon_r = 36.102$; $\rho = 1000$ kg/m³
Ambient Temperature: 23.2 °C; Liquid Temperature: 22.4 °C

DASY Configuration:

- Probe: EX3DV4 - SN3809; ConvF(5.41, 5.41, 5.41) @ 5250 MHz; Calibrated: 2021/10/14
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 23.0$
- Electronics: DAE4 Sn760; Calibrated: 2021/10/26
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: 1128
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Area Scan (6x6x1): Measurement grid: $dx=10$ mm, $dy=10$ mm
Maximum value of SAR (measured) = 15.6 W/kg

Zoom Scan (7x7x12)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=2$ mm
Reference Value = 67.06 V/m; Power Drift = 0.18 dB
Peak SAR (extrapolated) = 35.2 W/kg
SAR(1 g) = 7.45 W/kg; SAR(10 g) = 2.13 W/kg
Maximum value of SAR (measured) = 19.5 W/kg



Test Laboratory: BTL Inc.

Date: 2021/12/5

System Check_H5600_1205

DUT: Dipole D5GHzV2;SN:1160;

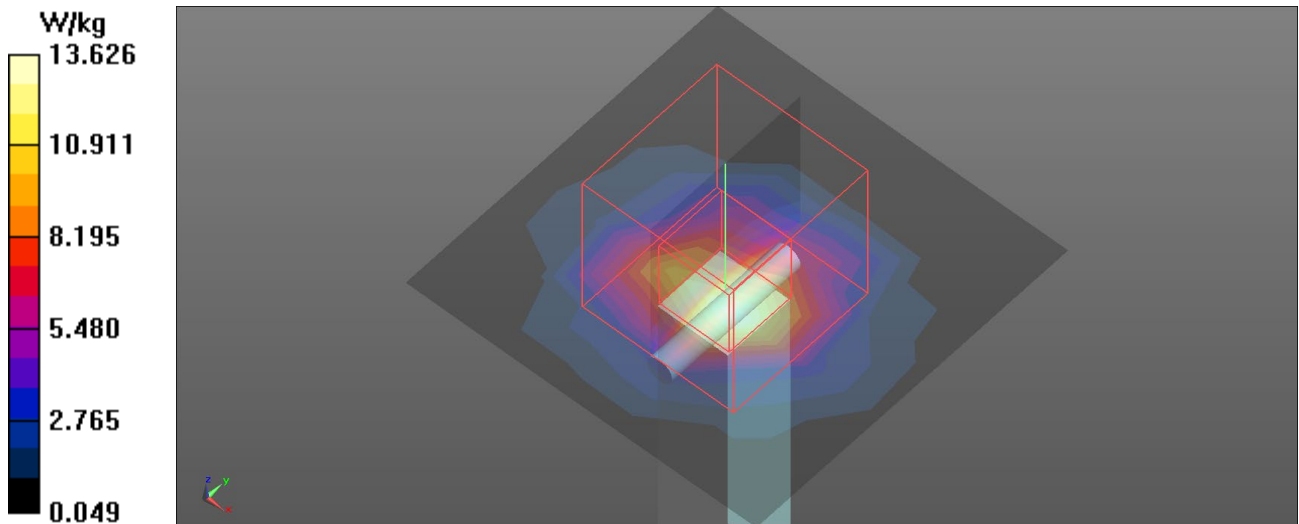
Communication System: UID 0, CW (0); Frequency: 5600 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 5600$ MHz; $\sigma = 5.152$ S/m; $\epsilon_r = 35.165$; $\rho = 1000$ kg/m³
Ambient Temperature: 23.2 °C; Liquid Temperature: 22.4 °C

DASY Configuration:

- Probe: EX3DV4 - SN3809; ConvF(4.81, 4.81, 4.81) @ 5600 MHz; Calibrated: 2021/10/14
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 23.0$
- Electronics: DAE4 Sn760; Calibrated: 2021/10/26
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: 1128
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Area Scan (6x6x1): Measurement grid: $dx=10$ mm, $dy=10$ mm
Maximum value of SAR (measured) = 13.6 W/kg

Zoom Scan (7x7x12)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=2$ mm
Reference Value = 55.97 V/m; Power Drift = -0.15 dB
Peak SAR (extrapolated) = 37.6 W/kg
SAR(1 g) = 7.85 W/kg; SAR(10 g) = 2.22 W/kg
Maximum value of SAR (measured) = 16.8 W/kg



Test Laboratory: BTL Inc.

Date: 2021/12/5

System Check_H5750_1205**DUT: Dipole D5GHzV2;SN:1160;**

Communication System: UID 0, CW (0); Frequency: 5750 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 5750$ MHz; $\sigma = 5.323$ S/m; $\epsilon_r = 34.841$; $\rho = 1000$ kg/m³
Ambient Temperature: 23.2 °C; Liquid Temperature : 22.4 °C

DASY Configuration:

- Probe: EX3DV4 - SN3809; ConvF(4.78, 4.78, 4.78) @ 5750 MHz; Calibrated: 2021/10/14
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 23.0$
- Electronics: DAE4 Sn760; Calibrated: 2021/10/26
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: 1128
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Area Scan (6x6x1): Measurement grid: $dx=10$ mm, $dy=10$ mm
Maximum value of SAR (measured) = 15.9 W/kg

Zoom Scan (7x7x12)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=2$ mm
Reference Value = 61.50 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 36.8 W/kg
SAR(1 g) = 7.53 W/kg; SAR(10 g) = 2.18 W/kg
Maximum value of SAR (measured) = 20.0 W/kg

