

Test Laboratory: BTL Inc.      Date: 2020/01/13

### System Check\_H2450\_0113

**DUT: Dipole 2450 MHz D2450V2;SN:919;**

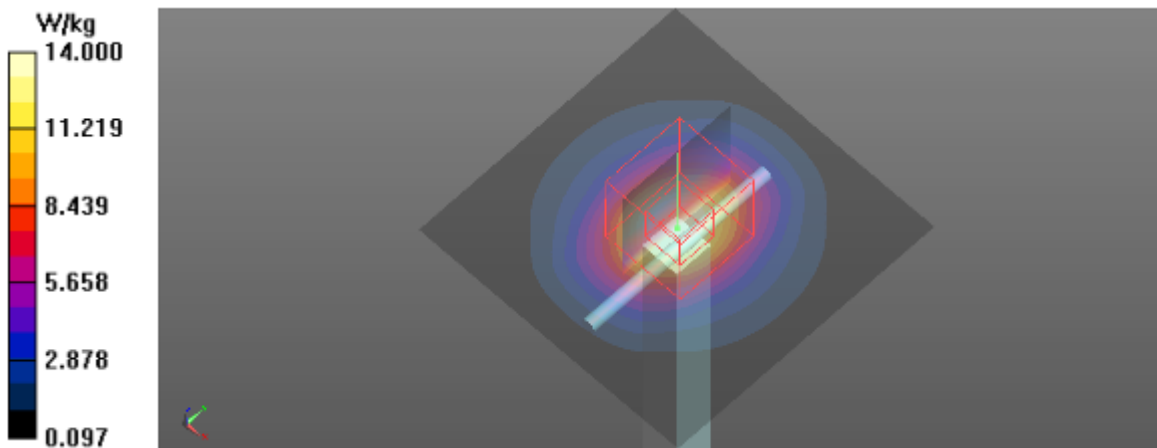
Communication System: UID 0, CW (0); Frequency: 2450 MHz; Duty Cycle: 1:1  
Medium parameters used (interpolated):  $f = 2450$  MHz;  $\sigma = 1.874$  S/m;  $\epsilon_r = 38.297$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.2 °C; Liquid Temperature : 22.4 °C

DASY Configuration:

- Probe: EX3DV4 - SN7544; ConvF(7.58, 7.58, 7.58) @ 2450 MHz; Calibrated: 2019/9/9
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn1390; Calibrated: 2019/10/29
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1222
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

**Area Scan (7x7x1):** Interpolated grid: dx=12 mm, dy=12 mm  
Maximum value of SAR (interpolated) = 15.5 W/kg

**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm  
Reference Value = 86.27 V/m; Power Drift = 0.02 dB  
Peak SAR (extrapolated) = 24.6 W/kg  
**SAR(1 g) = 12.6 W/kg; SAR(10 g) = 6.25 W/kg**  
Maximum value of SAR (measured) = 14.0 W/kg



Test Laboratory: BTL Inc.      Date: 2020/01/10

### System Check\_H5300\_0110

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

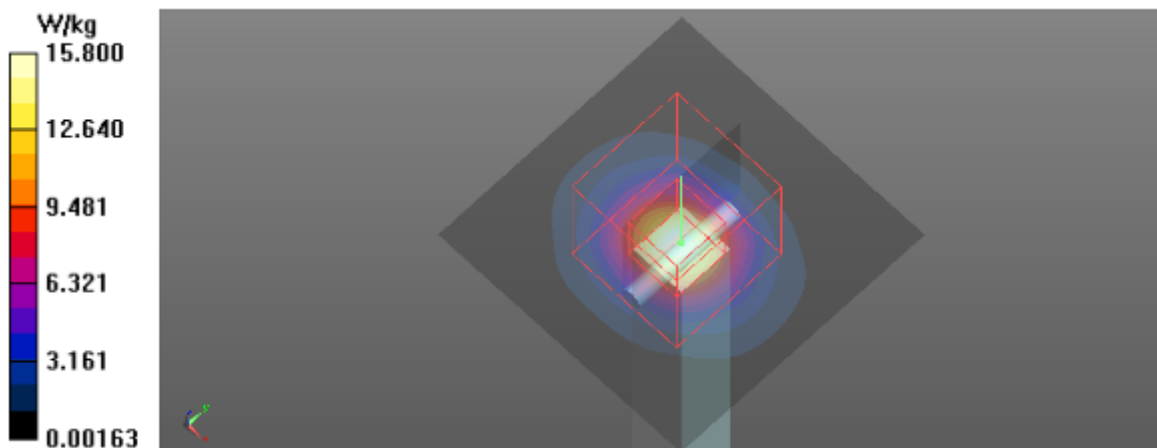
Communication System: UID 0, CW (0); Frequency: 5300 MHz; Duty Cycle: 1:1  
Medium parameters used (interpolated):  $f = 5300$  MHz;  $\sigma = 4.816$  S/m;  $\epsilon_r = 35.929$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.3 °C; Liquid Temperature : 22.5 °C

DASY Configuration:

- Probe: EX3DV4 - SN7544; ConvF(5.21, 5.21, 5.21) @ 5300 MHz; Calibrated: 2019/9/9
- Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 23.0
- Electronics: DAE4 Sn1390; Calibrated: 2019/10/29
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1222
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

**Area Scan (6x6x1):** Interpolated grid: dx=10 mm, dy=10 mm  
Maximum value of SAR (interpolated) = 15.9 W/kg

**Zoom Scan (7x7x12)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm  
Reference Value = 59.06 V/m; Power Drift = 0.01 dB  
Peak SAR (extrapolated) = 32.6 W/kg  
**SAR(1 g) = 7.48 W/kg; SAR(10 g) = 2.13 W/kg**  
Maximum value of SAR (measured) = 15.8 W/kg



Test Laboratory: BTL Inc.      Date: 2020/01/11

**System Check\_H5500\_0111****DUT: Dipole D5GHzV2;SN;1160;**

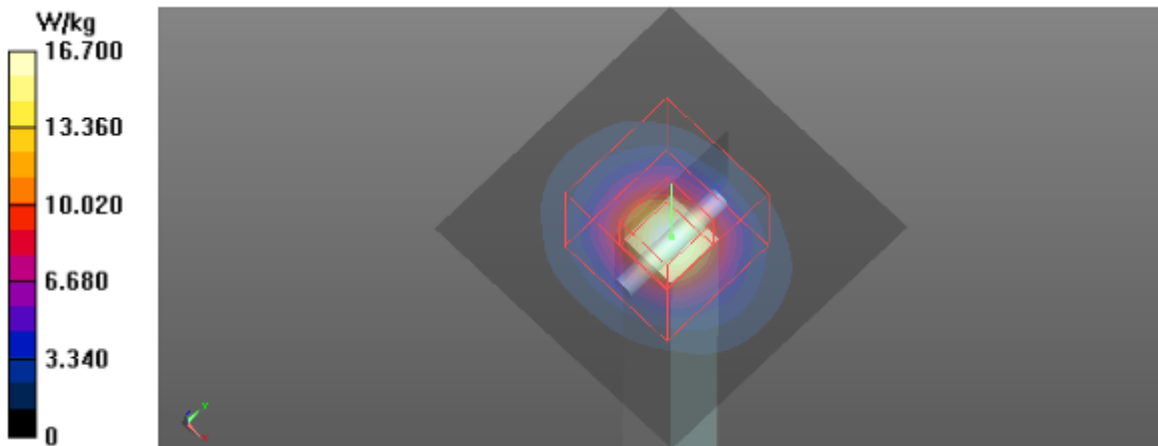
Communication System: UID 0, CW (0); Frequency: 5500 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 5500$  MHz;  $\sigma = 5.037$  S/m;  $\epsilon_r = 35.468$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.2 °C; Liquid Temperature : 22.3 °C

DASY Configuration:

- Probe: EX3DV4 - SN7544; ConvF(4.95, 4.95, 4.95) @ 5500 MHz; Calibrated: 2019/9/9
- Sensor-Surface: 2mm (Mechanical Surface Detection),  $z = 1.0, 23.0$
- Electronics: DAE4 Sn1390; Calibrated: 2019/10/29
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1222
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

**Area Scan (6x6x1):** Interpolated grid:  $dx=10$  mm,  $dy=10$  mm  
Maximum value of SAR (interpolated) = 16.8 W/kg

**Zoom Scan (7x7x12)/Cube 0:** Measurement grid:  $dx=4$ mm,  $dy=4$ mm,  $dz=2$ mm  
Reference Value = 59.84 V/m; Power Drift = 0.01 dB  
Peak SAR (extrapolated) = 36.0 W/kg  
**SAR(1 g) = 7.84 W/kg; SAR(10 g) = 2.24 W/kg**  
Maximum value of SAR (measured) = 16.7 W/kg



Test Laboratory: BTL Inc.      Date: 2020/01/11

### System Check\_H5600\_0111

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

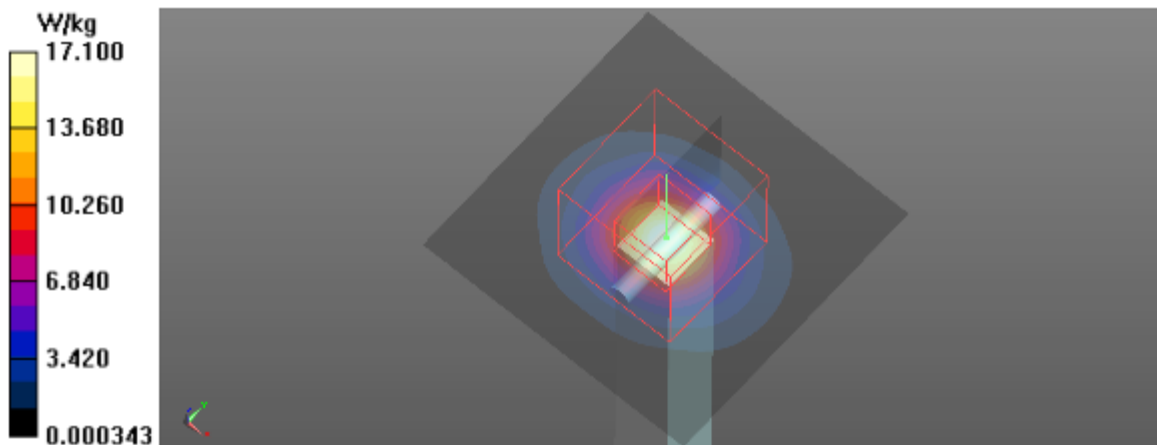
Communication System: UID 0, CW (0); Frequency: 5600 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 5600$  MHz;  $\sigma = 5.158$  S/m;  $\epsilon_r = 35.253$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.2 °C; Liquid Temperature : 22.3 °C

DASY Configuration:

- Probe: EX3DV4 - SN7544; ConvF(4.81, 4.81, 4.81) @ 5600 MHz; Calibrated: 2019/9/9
- Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 23.0
- Electronics: DAE4 Sn1390; Calibrated: 2019/10/29
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1222
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

**Area Scan (6x6x1):** Interpolated grid: dx=10 mm, dy=10 mm  
Maximum value of SAR (interpolated) = 17.5 W/kg

**Zoom Scan (7x7x12)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm  
Reference Value = 59.74 V/m; Power Drift = -0.01 dB  
Peak SAR (extrapolated) = 37.7 W/kg  
**SAR(1 g) = 7.93 W/kg; SAR(10 g) = 2.24 W/kg**  
Maximum value of SAR (measured) = 17.1 W/kg



Test Laboratory: BTL Inc.      Date: 2020/01/12

### System Check\_H5800\_0112

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

Communication System: UID 0, CW (0); Frequency: 5800 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 5800$  MHz;  $\sigma = 5.412$  S/m;  $\epsilon_r = 34.814$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.2 °C; Liquid Temperature : 22.5 °C

DASY Configuration:

- Probe: EX3DV4 - SN7544; ConvF(4.75, 4.75, 4.75) @ 5800 MHz; Calibrated: 2019/9/9
- Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 23.0
- Electronics: DAE4 Sn1390; Calibrated: 2019/10/29
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1222
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

**Area Scan (6x6x1):** Interpolated grid: dx=10 mm, dy=10 mm  
Maximum value of SAR (interpolated) = 16.7 W/kg

**Zoom Scan (7x7x12)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm  
Reference Value = 57.34 V/m; Power Drift = -0.03 dB  
Peak SAR (extrapolated) = 37.4 W/kg  
**SAR(1 g) = 7.7 W/kg; SAR(10 g) = 2.18 W/kg**  
Maximum value of SAR (measured) = 16.4 W/kg

