

Test Laboratory: BTL Inc.

Date: 2024/5/15

**System Check\_H2450\_0515****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;  $\sigma = 1.836$  S/m;  $\epsilon_r = 39.639$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 23.1 °C; Liquid Temperature: 22.3 °C

DASY Configuration:

- Probe: EX3DV4 - SN7515; ConvF(7.45, 7.45, 7.45) @ 2450 MHz; Calibrated: 2023/12/14
- Sensor-Surface: 1.4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn1390; Calibrated: 2023/11/20
- Phantom: ELI v5.0\_Left; Type: QDOVA002AA; Serial: TP:1222
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

**Area Scan (6x7x1):** Measurement grid:  $dx=12$ mm,  $dy=12$ mm

Maximum value of SAR (measured) = 22.334 W/kg

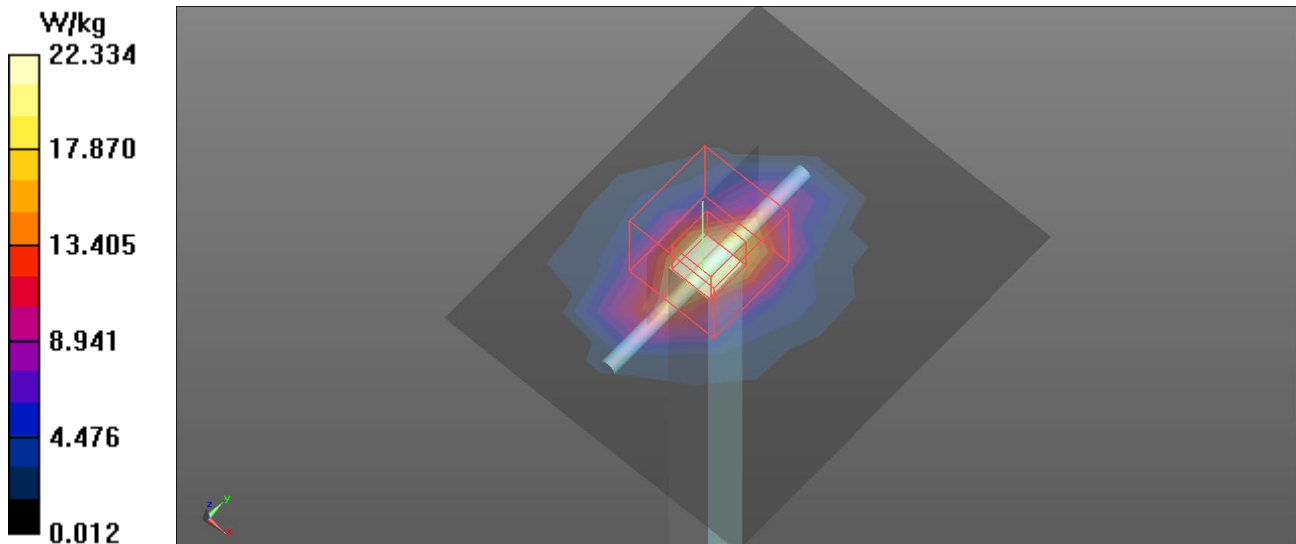
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 90.03 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 28.5 W/kg

**SAR(1 g) = 13.1 W/kg; SAR(10 g) = 5.94 W/kg**

Maximum value of SAR (measured) = 22.4 W/kg



Test Laboratory: BTL Inc.

Date: 2024/5/16

**System Check\_H5250\_0516****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;  $\sigma = 4.778$  S/m;  $\epsilon_r = 36.004$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 22.9 °C; Liquid Temperature: 22.2 °C

DASY Configuration:

- Probe: EX3DV4 - SN7515; ConvF(5.46, 5.46, 5.46) @ 5250 MHz; Calibrated: 2023/12/14
- Sensor-Surface: 1.4mm (Mechanical Surface Detection),  $z = 1.0, 23.0$
- Electronics: DAE4 Sn1390; Calibrated: 2023/11/20
- Phantom: ELI v5.0\_Left; Type: QDOVA002AA; Serial: TP:1222
- 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) = 17.8 W/kg

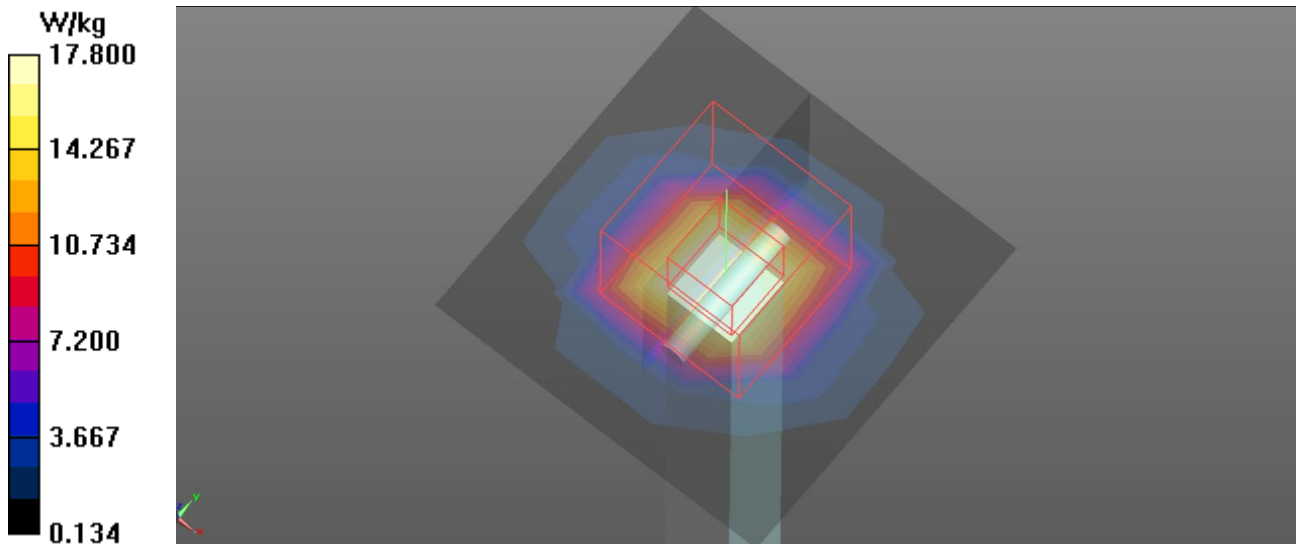
**Zoom Scan (7x7x12)/Cube 0:** Measurement grid:  $dx=4$ mm,  $dy=4$ mm,  $dz=2$ mm

Reference Value = 65.95 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 39.2 W/kg

**SAR(1 g) = 7.83 W/kg; SAR(10 g) = 2.22 W/kg**

Maximum value of SAR (measured) = 21.3 W/kg



Test Laboratory: BTL Inc.

Date: 2024/5/16

**System Check\_H5600\_0516****DUT: Dipole D5GHzV2;SN:1160;**

Communication System: UID 0, CW (0); Frequency: 5600 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 5600$  MHz;  $\sigma = 5.193$  S/m;  $\epsilon_r = 35.155$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 22.9 °C; Liquid Temperature: 22.2 °C

DASY Configuration:

- Probe: EX3DV4 - SN7515; ConvF(4.71, 4.71, 4.71) @ 5600 MHz; Calibrated: 2023/12/14
- Sensor-Surface: 1.4mm (Mechanical Surface Detection),  $z = 1.0, 23.0$
- Electronics: DAE4 Sn1390; Calibrated: 2023/11/20
- Phantom: ELI v5.0\_Left; Type: QDOVA002AA; Serial: TP:1222
- 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) = 18.2 W/kg

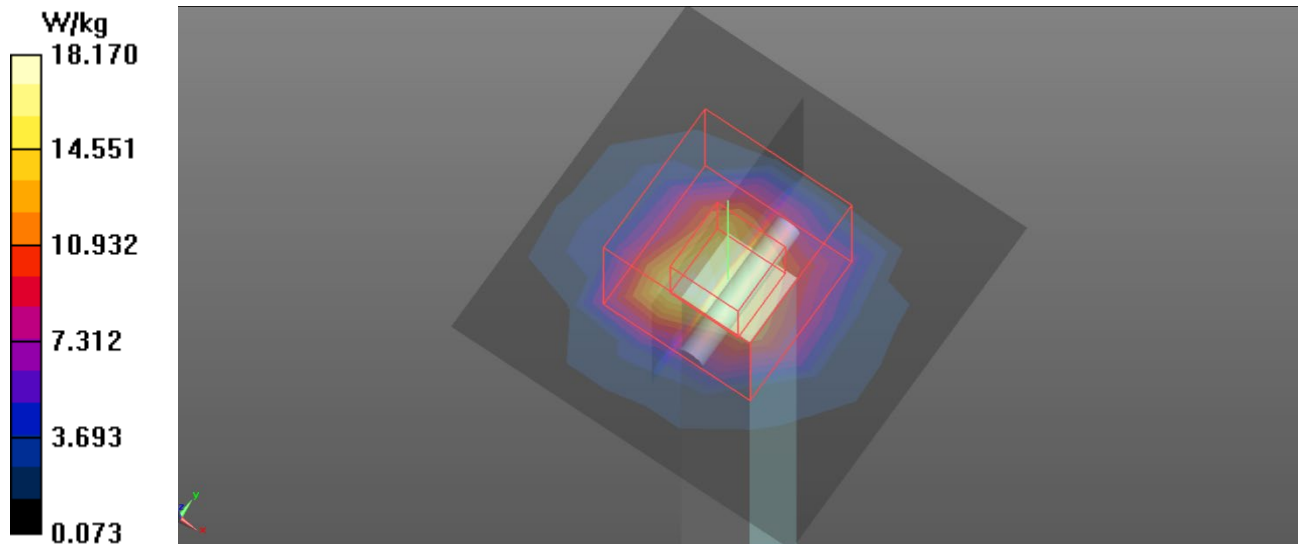
**Zoom Scan (7x7x12)/Cube 0:** Measurement grid:  $dx=4$ mm,  $dy=4$ mm,  $dz=2$ mm

Reference Value = 56.22 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 45.4 W/kg

**SAR(1 g) = 8.12 W/kg; SAR(10 g) = 2.29 W/kg**

Maximum value of SAR (measured) = 22.6 W/kg



Test Laboratory: BTL Inc.

Date: 2024/5/16

**System Check\_H5750\_0516****DUT: Dipole D5GHzV2;SN:1160;**

Communication System: UID 0, CW (0); Frequency: 5750 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 5750$  MHz;  $\sigma = 5.372$  S/m;  $\epsilon_r = 34.835$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 22.9 °C; Liquid Temperature: 22.2 °C

DASY Configuration:

- Probe: EX3DV4 - SN7515; ConvF(4.89, 4.89, 4.89) @ 5750 MHz; Calibrated: 2023/12/14
- Sensor-Surface: 1.4mm (Mechanical Surface Detection),  $z = 1.0, 23.0$
- Electronics: DAE4 Sn1390; Calibrated: 2023/11/2022
- Phantom: ELI v5.0\_Left; Type: QDOVA002AA; Serial: TP:1222
- 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) = 18.0 W/kg

**Zoom Scan (7x7x12)/Cube 0:** Measurement grid:  $dx=4$ mm,  $dy=4$ mm,  $dz=2$ mm

Reference Value = 54.54 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 46.0 W/kg

**SAR(1 g) = 7.85 W/kg; SAR(10 g) = 2.21 W/kg**

Maximum value of SAR (measured) = 22.0 W/kg

