

Test Laboratory: BTL Inc.

Date: 2024/12/30

System Check_H2450_1230

DUT: Dipole 2450 MHz D2450V2;SN:919;

Communication System: UID 0, CW (0); Frequency: 2450 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 2450 \text{ MHz}$; $\sigma = 1.861 \text{ S/m}$; $\epsilon_r = 38.552$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : $22.9 \text{ }^\circ\text{C}$; Liquid Temperature : $22.5 \text{ }^\circ\text{C}$

DASY Configuration:

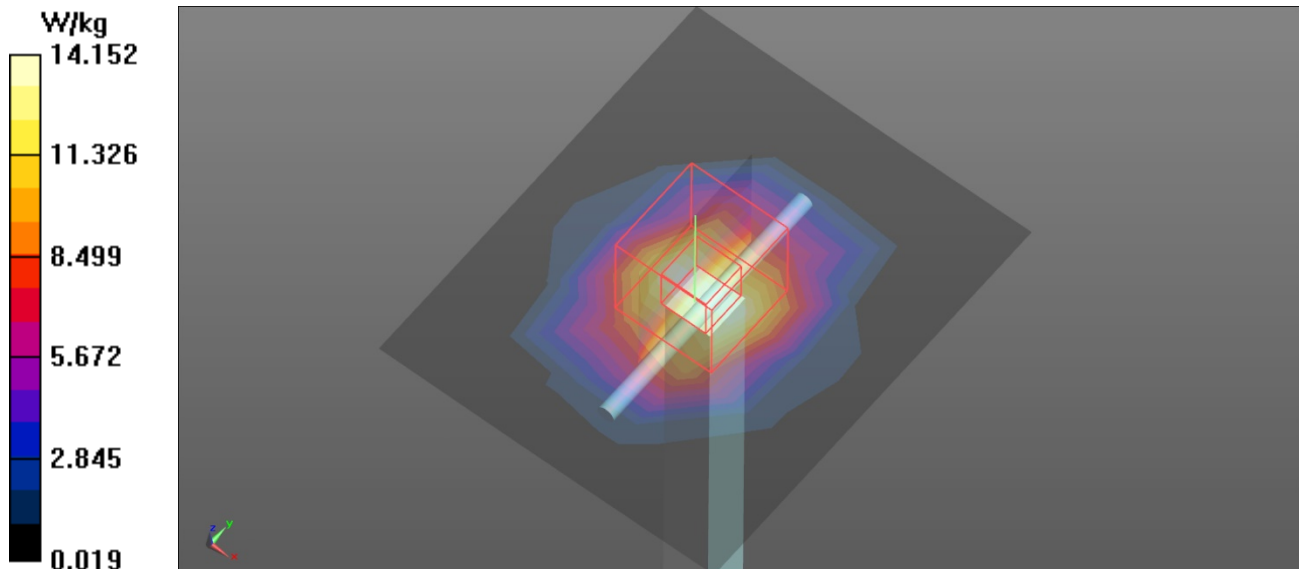
- Probe: EX3DV4 - SN7544; ConvF(7.51, 7.27, 7.34) @ 2450 MHz; Calibrated: 2024/4/3
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1717; Calibrated: 2024/4/18
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: 1128
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Area Scan (6x7x1): Measurement grid: $dx=12\text{mm}$, $dy=12\text{mm}$

Maximum value of SAR (measured) = 14.2 W/kg
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 114.2 V/m ; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 26.8 W/kg
SAR(1 g) = 12.6 W/kg ; SAR(10 g) = 5.77 W/kg

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


Test Laboratory: BTL Inc.

Date: 2024/12/31

System Check_H5250_1231

DUT: Dipole D5GHzV2;SN:1160;

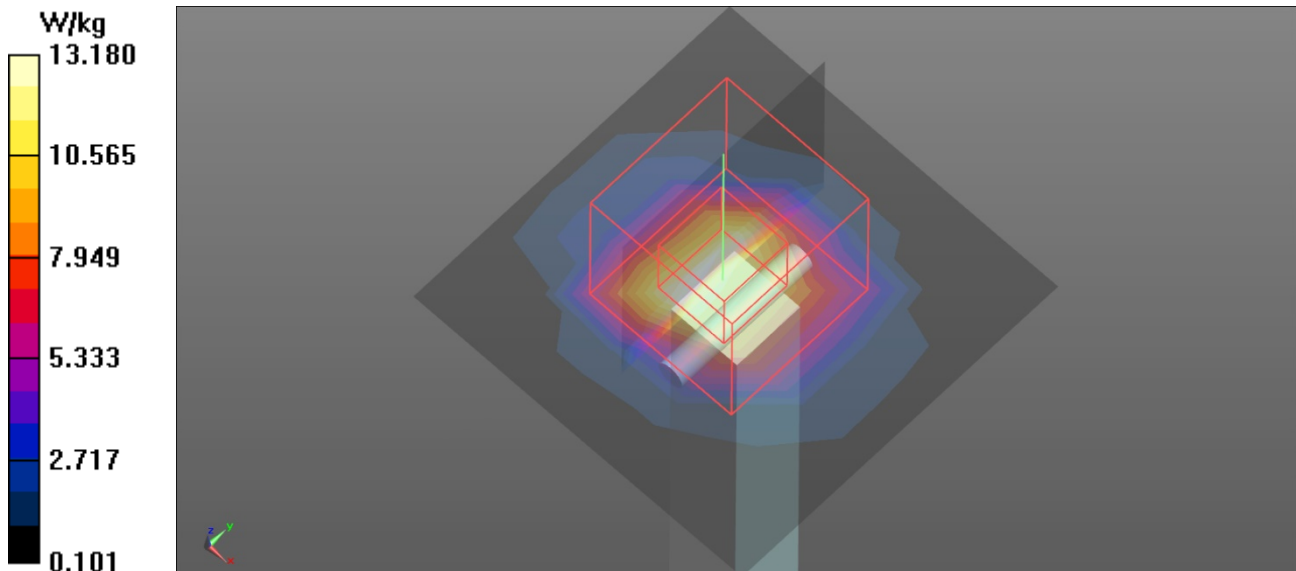
Communication System: UID 0, CW (0); Frequency: 5250 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 5250 \text{ MHz}$; $\sigma = 4.809 \text{ S/m}$; $\epsilon_r = 35.782$; $\rho = 1000 \text{ kg/m}^3$
Ambient Temperature : $22.7 \text{ }^\circ\text{C}$; Liquid Temperature : $22.3 \text{ }^\circ\text{C}$

DASY Configuration:

- Probe: EX3DV4 - SN7544; ConvF(5.48, 5.36, 5.39) @ 5250 MHz; Calibrated: 2024/4/3
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 23.0$
- Electronics: DAE4 Sn1717; Calibrated: 2024/4/18
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: 1128
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Area Scan (6x6x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$
Maximum value of SAR (measured) = 13.2 W/kg

Zoom Scan (7x7x12)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=2\text{mm}$
Reference Value = 68.97 V/m ; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 37.0 W/kg
SAR(1 g) = 7.58 W/kg ; SAR(10 g) = 2.14 W/kg
Maximum value of SAR (measured) = 20.7 W/kg



Test Laboratory: BTL Inc.

Date: 2024/12/31

System Check_H5600_1231

DUT: Dipole D5GHzV2;SN:1160;

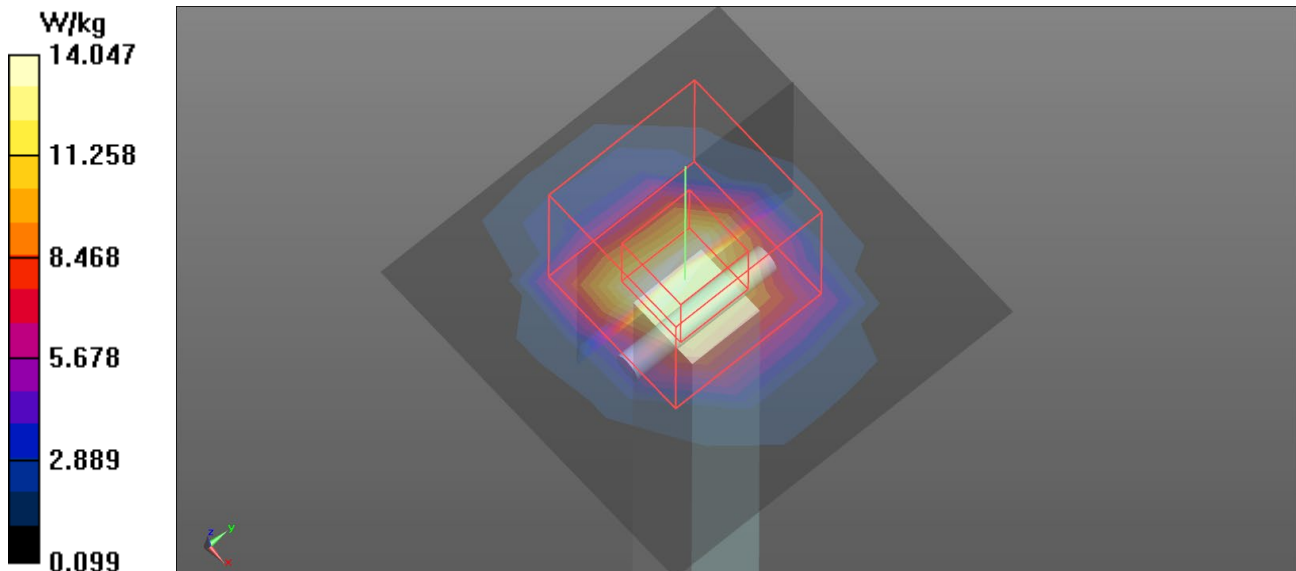
Communication System: UID 0, CW (0); Frequency: 5600 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 5600$ MHz; $\sigma = 5.286$ S/m; $\epsilon_r = 34.966$; $\rho = 1000$ kg/m³
Ambient Temperature : 22.7 °C; Liquid Temperature : 22.3 °C

DASY Configuration:

- Probe: EX3DV4 - SN7544; ConvF(4.74, 4.48, 4.59) @ 5600 MHz; Calibrated: 2024/4/3
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 23.0$
- Electronics: DAE4 Sn1717; Calibrated: 2024/4/18
- 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) = 14.0 W/kg

Zoom Scan (7x7x12)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=2$ mm
Reference Value = 68.22 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 42.6 W/kg
SAR(1 g) = 7.99 W/kg; SAR(10 g) = 2.23 W/kg
Maximum value of SAR (measured) = 22.2 W/kg



Test Laboratory: BTL Inc.

Date: 2024/12/31

System Check_H5750_1231**DUT: Dipole D5GHzV2;SN:1160;**

Communication System: UID 0, CW (0); Frequency: 5750 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 5750$ MHz; $\sigma = 5.409$ S/m; $\epsilon_r = 34.563$; $\rho = 1000$ kg/m³
Ambient Temperature : 22.7 °C; Liquid Temperature : 22.3 °C

DASY Configuration:

- Probe: EX3DV4 - SN7544; ConvF(4.96, 4.67, 4.8) @ 5750 MHz; Calibrated: 2024/4/3
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 23.0$
- Electronics: DAE4 Sn1717; Calibrated: 2024/4/18
- 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) = 14.0 W/kg

Zoom Scan (7x7x12)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=2$ mm
Reference Value = 66.49 V/m; Power Drift = 0.13 dB
Peak SAR (extrapolated) = 42.3 W/kg
SAR(1 g) = 7.48 W/kg; SAR(10 g) = 2.08 W/kg
Maximum value of SAR (measured) = 21.1 W/kg

