

Test Laboratory: BTL Inc.

Date: 2025/3/25

System Check_H2450_0325**DUT: Dipole 24500 MHz D2450V2;SN:919;**

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

Medium parameters used (interpolated): $f = 2450$ MHz; $\sigma = 1.861$ S/m; $\epsilon_r = 38.552$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2°C; Liquid Temperature : 22.8 °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 Sn1390; Calibrated: 2024/11/14
- Phantom: SAM Right v5.0; Type: QD000P40CC; Serial: TP:1469
- 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) = 18.3 W/kg

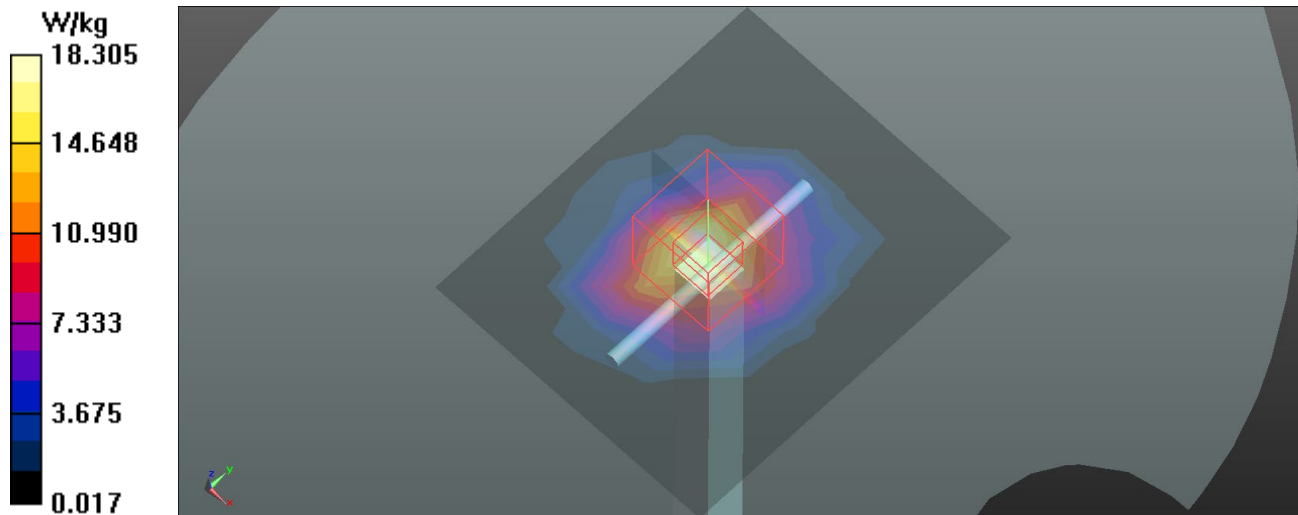
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 112.1 V/m; Power Drift = -0.00 dB

Peak SAR (extrapolated) = 27.5 W/kg

SAR(1 g) = 13.3 W/kg; SAR(10 g) = 6.17 W/kg

Maximum value of SAR (measured) = 22.1 W/kg



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Date: 2025/3/26

System Check_H5250_0326

DUT: Dipole D5GHzV2;SN;1160;

Communication System: UID 0, CW (0); Frequency: 5250 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 5250 \text{ MHz}$; $\sigma = 4.589 \text{ S/m}$; $\epsilon_r = 35.391$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : 23°C ; Liquid Temperature : 22.5°C

DASY Configuration:

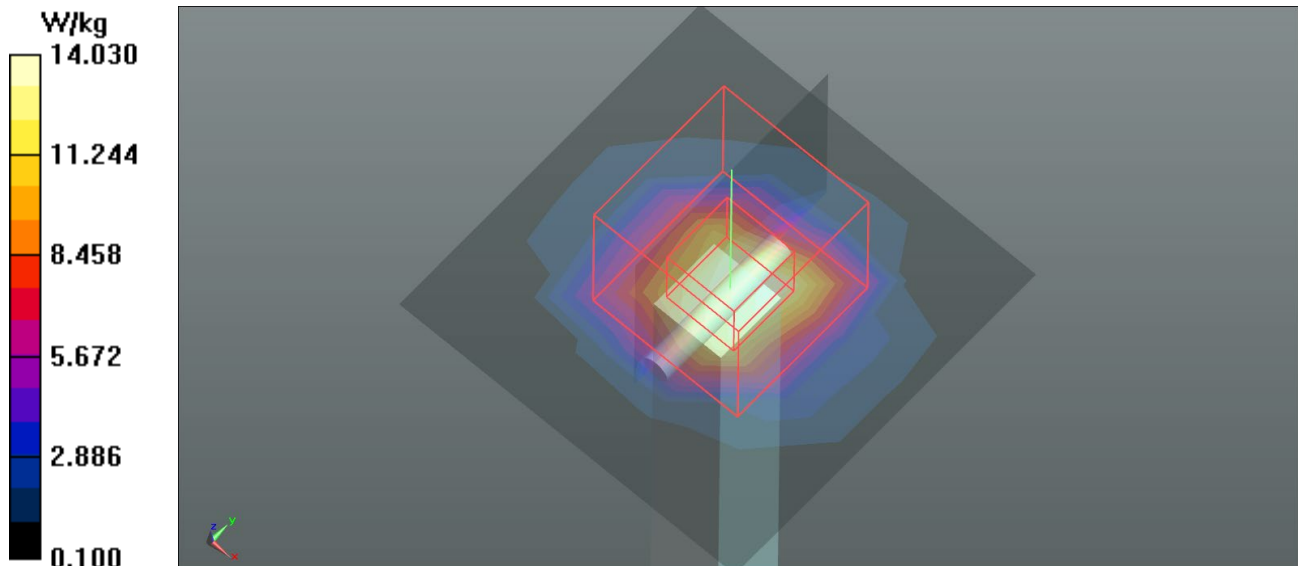
- Probe: EX3DV4 - SN7544; ConvF(5.48, 5.36, 5.39) @ 5250 MHz; Calibrated: 2024/4/3
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 23.0$
- Electronics: DAE4 Sn1390; Calibrated: 2024/11/14
- Phantom: SAM Mid v5.0; Type: QD000P40CD; Serial: S/N:1896
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Area Scan (6x6x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

Maximum value of SAR (measured) = 14.0 W/kg
Zoom Scan (7x7x12)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=2\text{mm}$

Reference Value = 73.09 V/m ; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 40.0 W/kg
SAR(1 g) = 7.9 W/kg ; SAR(10 g) = 2.2 W/kg

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


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System Check_H5600_0326

DUT: Dipole D5GHzV2;SN;1160;

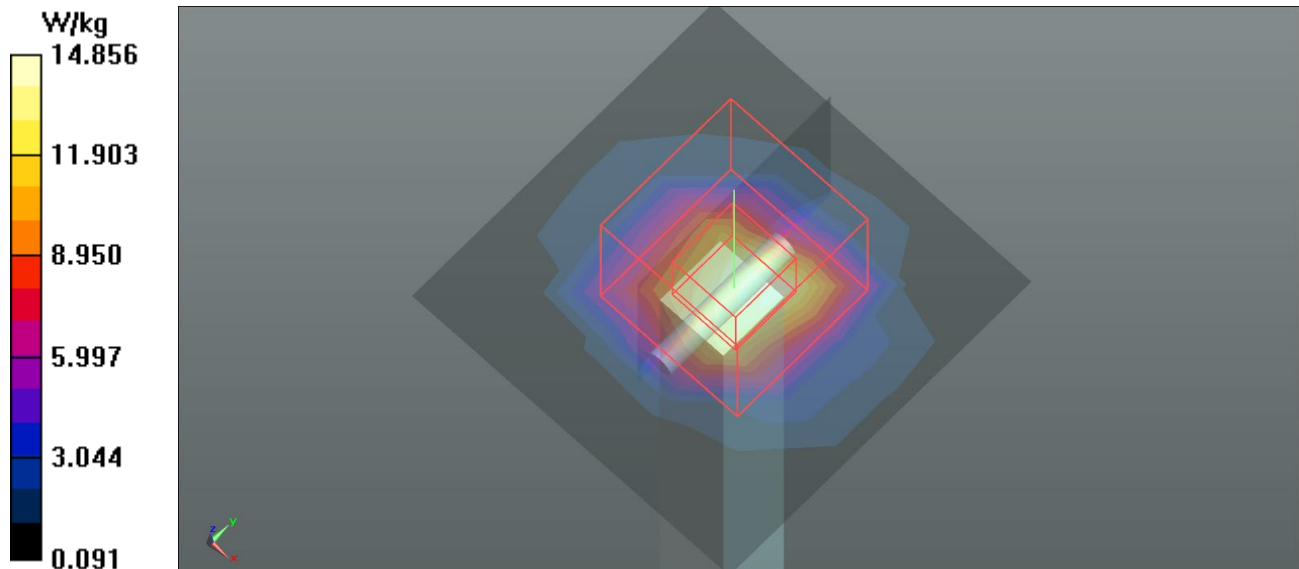
Communication System: UID 0, CW (0); Frequency: 5600 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 5600$ MHz; $\sigma = 5.051$ S/m; $\epsilon_r = 34.576$; $\rho = 1000$ kg/m³
Ambient Temperature : 23°C; Liquid Temperature : 22.5 °C

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 Sn1390; Calibrated: 2024/11/14
- Phantom: SAM Mid v5.0; Type: QD000P40CD; Serial: S/N:1896
- 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) = 14.9 W/kg

Zoom Scan (7x7x12)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=2$ mm
Reference Value = 71.26 V/m; Power Drift = -0.08 dB
Peak SAR (extrapolated) = 44.2 W/kg
SAR(1 g) = 7.98 W/kg; SAR(10 g) = 2.22 W/kg
Maximum value of SAR (measured) = 21.9 W/kg



Test Laboratory: BTL Inc.

Date: 2025/3/26

System Check_H5750_0326

DUT: Dipole D5GHzV2;SN;1160;

Communication System: UID 0, CW (0); Frequency: 5750 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 5750 \text{ MHz}$; $\sigma = 5.168 \text{ S/m}$; $\epsilon_r = 34.173$; $\rho = 1000 \text{ kg/m}^3$
Ambient Temperature : 23°C ; Liquid Temperature : 22.5°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 Sn1390; Calibrated: 2024/11/14
- Phantom: SAM Mid v5.0; Type: QD000P40CD; Serial: S/N:1896
- 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) = 14.3 W/kg

Zoom Scan (7x7x12)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=2\text{mm}$
Reference Value = 69.11 V/m ; Power Drift = -0.07 dB
Peak SAR (extrapolated) = 44.5 W/kg
SAR(1 g) = 7.65 W/kg ; SAR(10 g) = 2.12 W/kg
Maximum value of SAR (measured) = 21.1 W/kg

