

Test Laboratory: BTL Inc.

Date: 2024/12/21

System Check_H750_1221

DUT: Dipole 750 MHz D750V3;SN:1132;

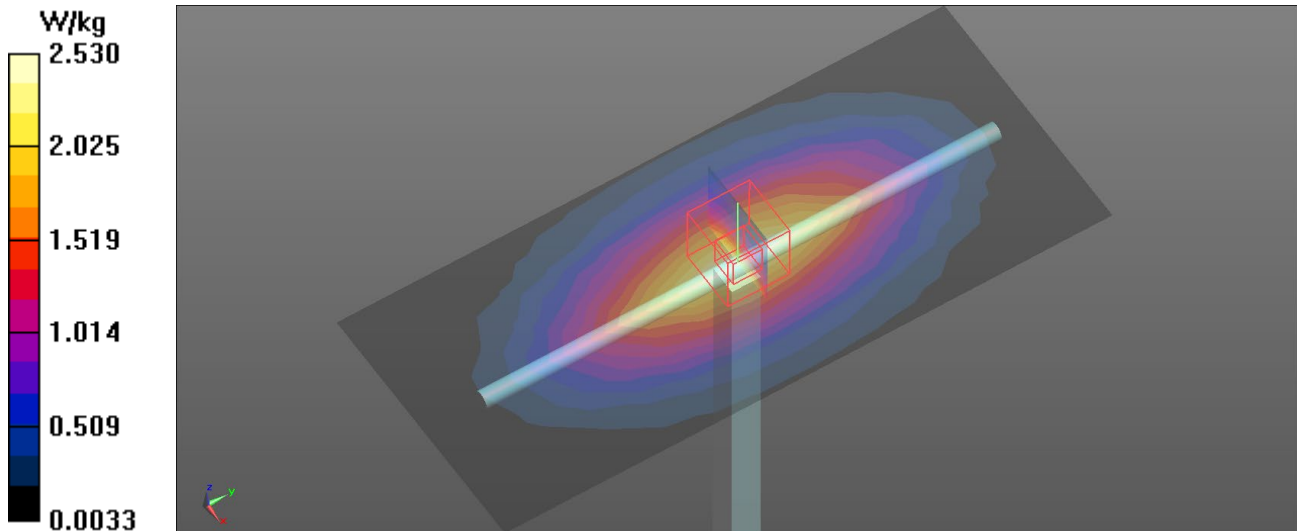
Communication System: UID 0, CW (0); Frequency: 750 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 750 \text{ MHz}$; $\sigma = 0.898 \text{ S/m}$; $\epsilon_r = 42.987$; $\rho = 1000 \text{ kg/m}^3$
Ambient Temperature : $22.6 \text{ }^\circ\text{C}$; Liquid Temperature : $22 \text{ }^\circ\text{C}$

DASY Configuration:

- Probe: EX3DV4 - SN7693; ConvF(9.59, 9.35, 10.02) @ 750 MHz; Calibrated: 2024/11/20
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1390; Calibrated: 2024/11/14
- Phantom: ELI v5.0_Left; Type: QDOVA002AA; Serial: TP:1222
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Area Scan (7x15x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$
Maximum value of SAR (measured) = 2.53 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$
Reference Value = 56.00 V/m ; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 3.03 W/kg
SAR(1 g) = 2.1 W/kg ; SAR(10 g) = 1.4 W/kg
Maximum value of SAR (measured) = 2.44 W/kg



Test Laboratory: BTL Inc.

Date: 2024/12/21

System Check_H835_1221**DUT: Dipole 835 MHz D835V2; SN:4d160;**

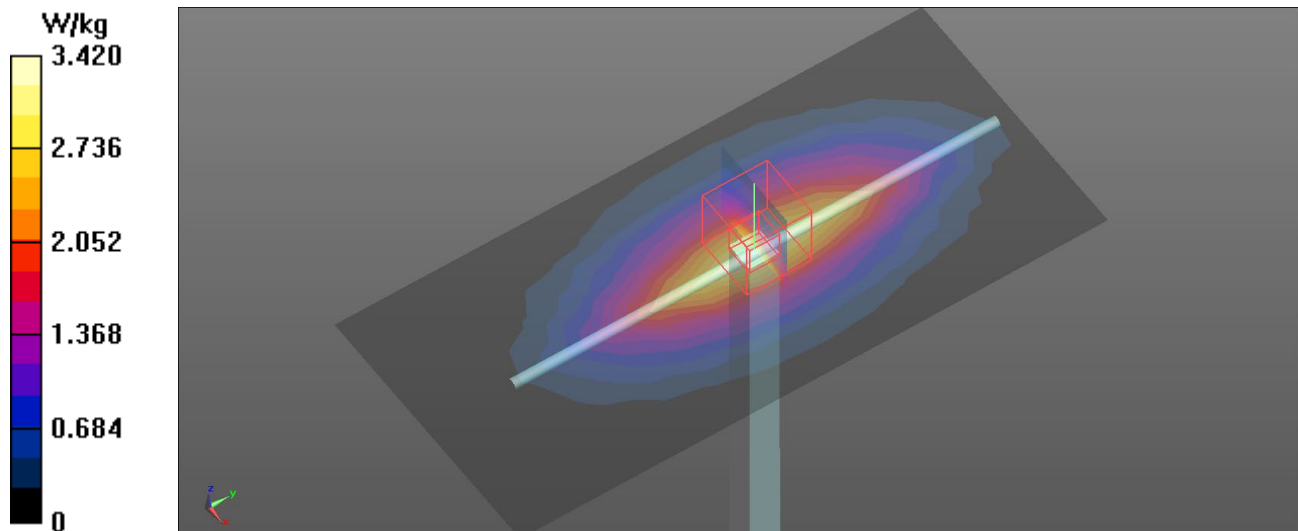
Communication System: UID 0, CW (0); Frequency: 835 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 835$ MHz; $\sigma = 0.926$ S/m; $\epsilon_r = 42.311$; $\rho = 1000$ kg/m³
Ambient Temperature : 22.6 °C; Liquid Temperature : 22 °C

DASY Configuration:

- Probe: EX3DV4 - SN7693; ConvF(9.32, 9.08, 9.73) @ 835 MHz; Calibrated: 2024/11/20
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1390; Calibrated: 2024/11/14
- Phantom: ELI v5.0_Left; Type: QDOVA002AA; Serial: TP:1222
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Area Scan (7x14x1): Measurement grid: $dx=15$ mm, $dy=15$ mm
Maximum value of SAR (measured) = 3.42 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm
Reference Value = 63.97 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 3.91 W/kg
SAR(1 g) = 2.48 W/kg; SAR(10 g) = 1.55 W/kg
Maximum value of SAR (measured) = 3.46 W/kg



Test Laboratory: BTL Inc.

Date: 2024/12/20

System Check_H1750_1220

DUT: Dipole 1750 MHz D1750V2;SN:1101;

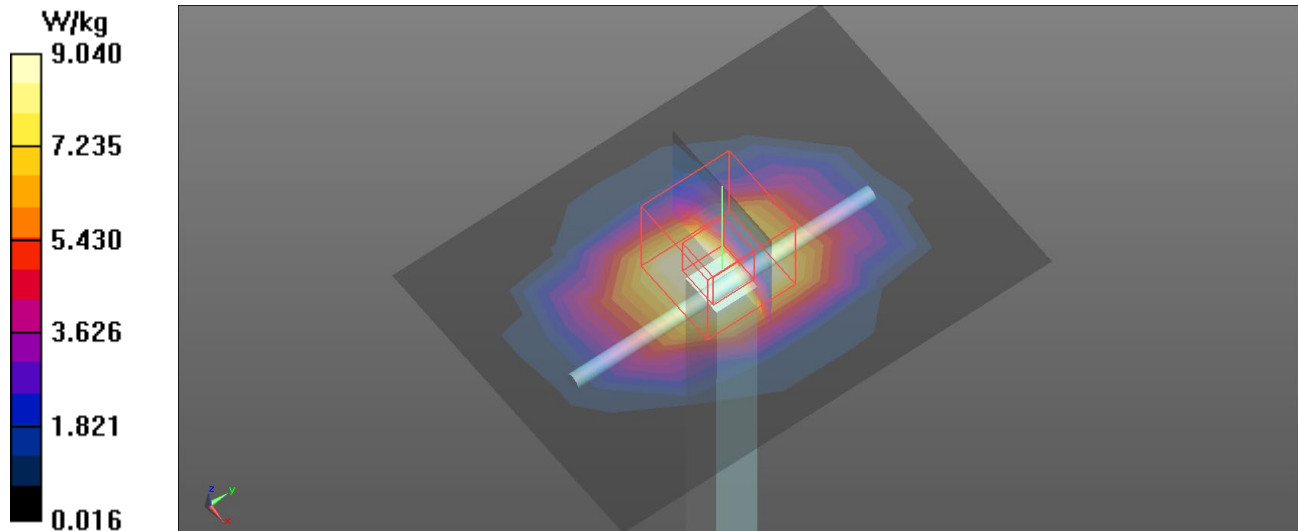
Communication System: UID 0, CW (0); Frequency: 1750 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 1750$ MHz; $\sigma = 1.345$ S/m; $\epsilon_r = 39.59$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.1 °C; Liquid Temperature : 22.7 °C

DASY Configuration:

- Probe: EX3DV4 - SN7693; ConvF(8.04, 7.84, 8.4) @ 1750 MHz; Calibrated: 2024/11/20
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1390; Calibrated: 2024/11/14
- Phantom: ELI v5.0_Left; Type: QDOVA002AA; Serial: TP:1222
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Area Scan (6x8x1): Measurement grid: $dx=15$ mm, $dy=15$ mm
Maximum value of SAR (measured) = 9.04 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm
Reference Value = 109.1 V/m; Power Drift = 0.00 dB
Peak SAR (extrapolated) = 16.2 W/kg
SAR(1 g) = 9.14 W/kg; SAR(10 g) = 4.88 W/kg
Maximum value of SAR (measured) = 13.8 W/kg



Test Laboratory: BTL Inc.

Date: 2024/12/20

System Check_H1900_1220**DUT: Dipole 1900 MHz D1900V2;SN:5d179;**

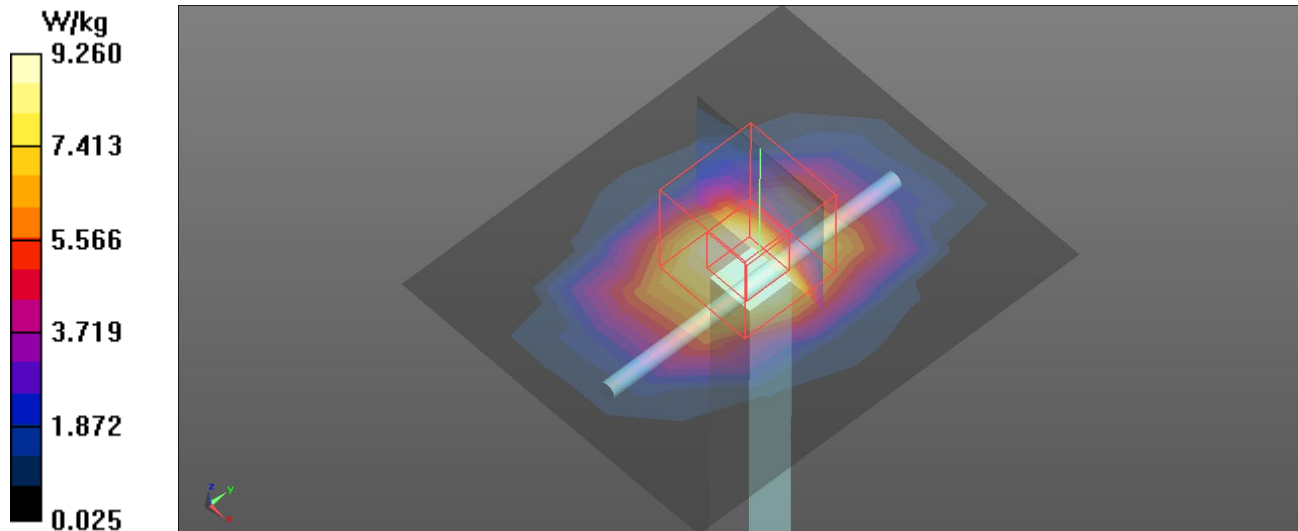
Communication System: UID 0, CW (0); Frequency: 1900 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 1900$ MHz; $\sigma = 1.336$ S/m; $\epsilon_r = 41.001$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.1 °C; Liquid Temperature : 22.7 °C

DASY Configuration:

- Probe: EX3DV4 - SN7693; ConvF(7.8, 7.6, 8.14) @ 1900 MHz; Calibrated: 2024/11/20
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1390; Calibrated: 2024/11/14
- 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: $dx=15$ mm, $dy=15$ mm
Maximum value of SAR (measured) = 9.26 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm
Reference Value = 108.8 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 16.6 W/kg
SAR(1 g) = 9.57 W/kg; SAR(10 g) = 5.1 W/kg
Maximum value of SAR (measured) = 14.2 W/kg



Test Laboratory: BTL Inc.

Date: 2024/12/22

System Check_H2300_1222

DUT: Dipole 2300 MHz D2300V2;SN:1092;

Communication System: UID 0, CW (0); Frequency: 2300 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2300$ MHz; $\sigma = 1.657$ S/m; $\epsilon_r = 40.491$; $\rho = 1000$ kg/m³

Ambient Temperature: 22.8 °C; Liquid Temperature: 22.3 °C

DASY Configuration:

- Probe: EX3DV4 - SN7693; ConvF(7.42, 7.23, 7.74) @ 2300 MHz; Calibrated: 2024/11/20
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1390; Calibrated: 2024/11/14
- Phantom: ELI v5.0_Left; Type: QDOVA002AA; Serial: TP:1222
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Area Scan (8x9x1): Measurement grid: $dx=12$ mm, $dy=12$ mm

Maximum value of SAR (measured) = 18.6 W/kg

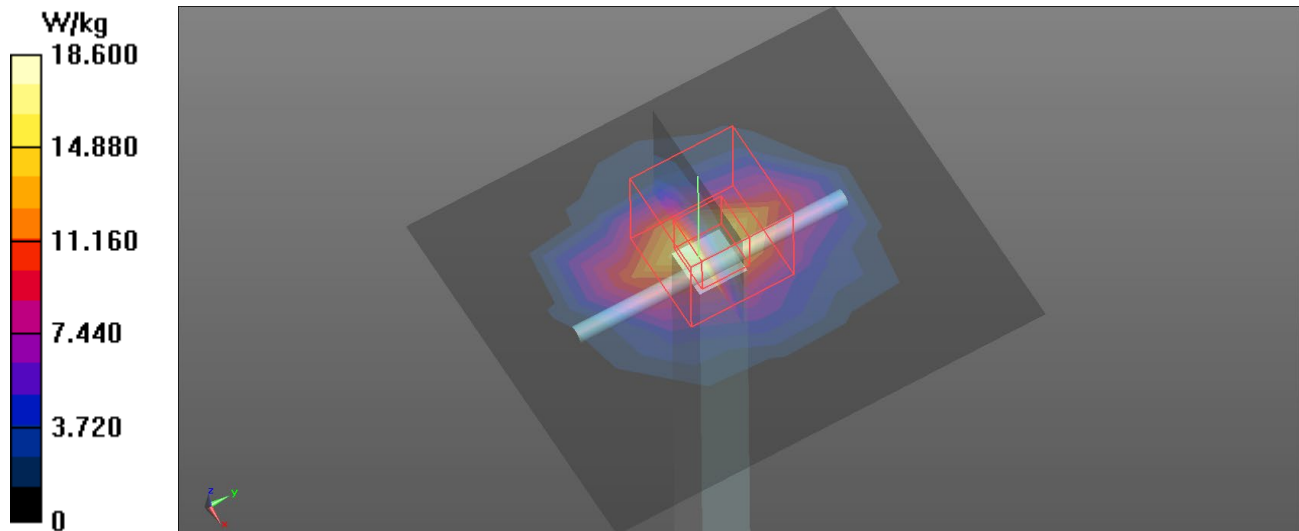
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 0 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 23.8 W/kg

SAR(1 g) = 12.3 W/kg; SAR(10 g) = 5.86 W/kg

Maximum value of SAR (measured) = 19.5 W/kg



Test Laboratory: BTL Inc.

Date: 2024/11/9

System Check_H2450_1109

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; $\sigma = 1.786$ S/m; $\epsilon_r = 39.691$; $\rho = 1000$ kg/m³

Ambient Temperature: 22.7 °C; Liquid Temperature: 22.1 °C

DASY Configuration:

- Probe: EX3DV4 - SN3809; ConvF(7.46, 7.04, 6.83) @ 2450 MHz; Calibrated: 2023/12/18
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1717; Calibrated: 2024/4/18
- Phantom: ELI v5.0_Left; Type: QDOVA002AA; Serial: TP:1222
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Area Scan (8x9x1): Measurement grid: $dx=12$ mm, $dy=12$ mm

Maximum value of SAR (measured) = 16.2 W/kg

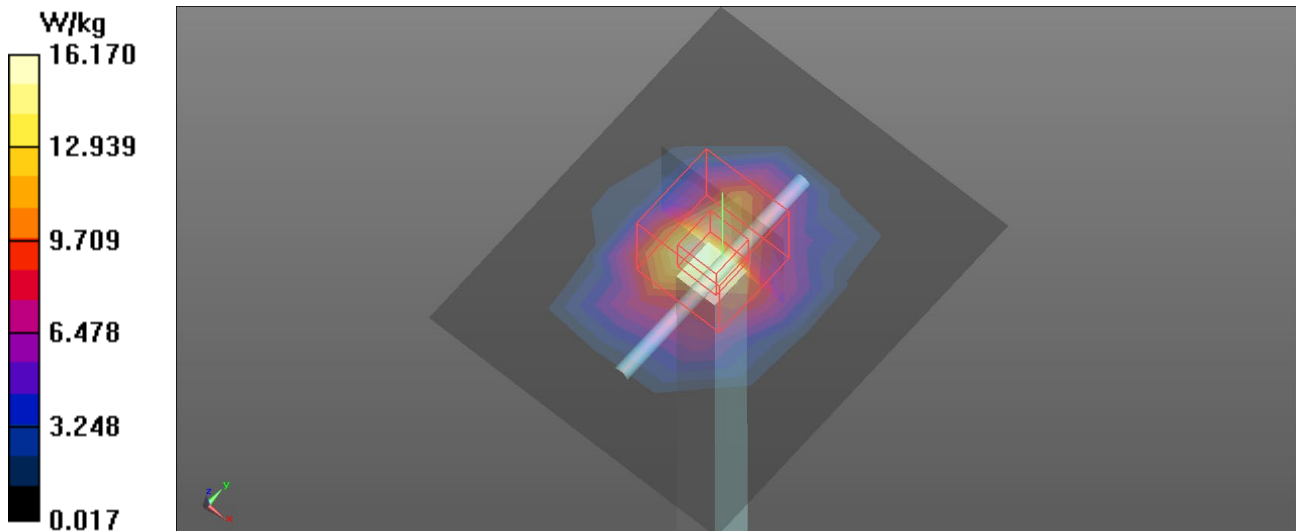
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 113.6 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 25.6 W/kg

SAR(1 g) = 12.9 W/kg; SAR(10 g) = 6.06 W/kg

Maximum value of SAR (measured) = 20.9 W/kg



Test Laboratory: BTL Inc.

Date: 2024/12/22

System Check_H2600_1222

DUT: Dipole 2600 MHz D2600V2; SN:1067;

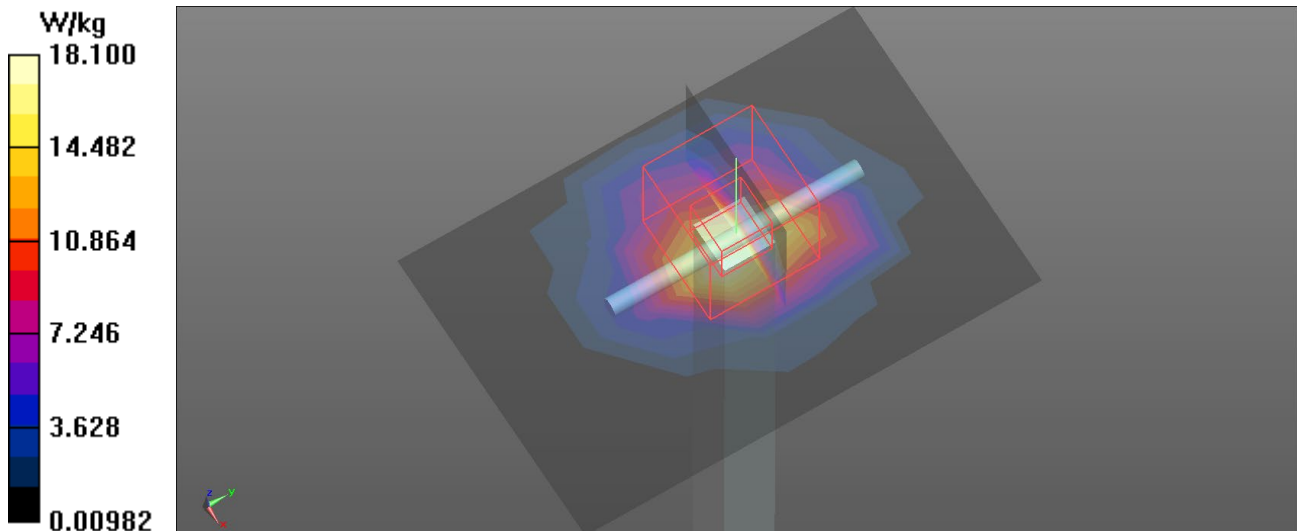
Communication System: UID 0, CW (0); Frequency: 2600 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 2600$ MHz; $\sigma = 1.994$ S/m; $\epsilon_r = 39.42$; $\rho = 1000$ kg/m³
Ambient Temperature: 22.8 °C; Liquid Temperature: 22.3 °C

DASY Configuration:

- Probe: EX3DV4 - SN7693; ConvF(7.1, 6.92, 7.41) @ 2600 MHz; Calibrated: 2024/11/20
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1390; Calibrated: 2024/11/14
- Phantom: ELI v5.0_Left; Type: QDOVA002AA; Serial: TP:1222
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Area Scan (6x9x1): Measurement grid: $dx=12$ mm, $dy=12$ mm
Maximum value of SAR (measured) = 18.1 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm
Reference Value = 95.59 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 28.6 W/kg
SAR(1 g) = 13.6 W/kg; SAR(10 g) = 6.06 W/kg
Maximum value of SAR (measured) = 23.0 W/kg



Test Laboratory: BTL Inc.

Date: 2024/11/11

System Check_H5250_1111

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; $\sigma = 4.719$ S/m; $\epsilon_r = 35.442$; $\rho = 1000$ kg/m³

Ambient Temperature: 23.2 °C; Liquid Temperature: 22.4 °C

DASY Configuration:

- Probe: EX3DV4 - SN3809; ConvF(5.79, 5.57, 5.33) @ 5250 MHz; Calibrated: 2023/12/18
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 23.0$
- Electronics: DAE4 Sn1717; Calibrated: 2024/4/18
- 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) = 12.8 W/kg

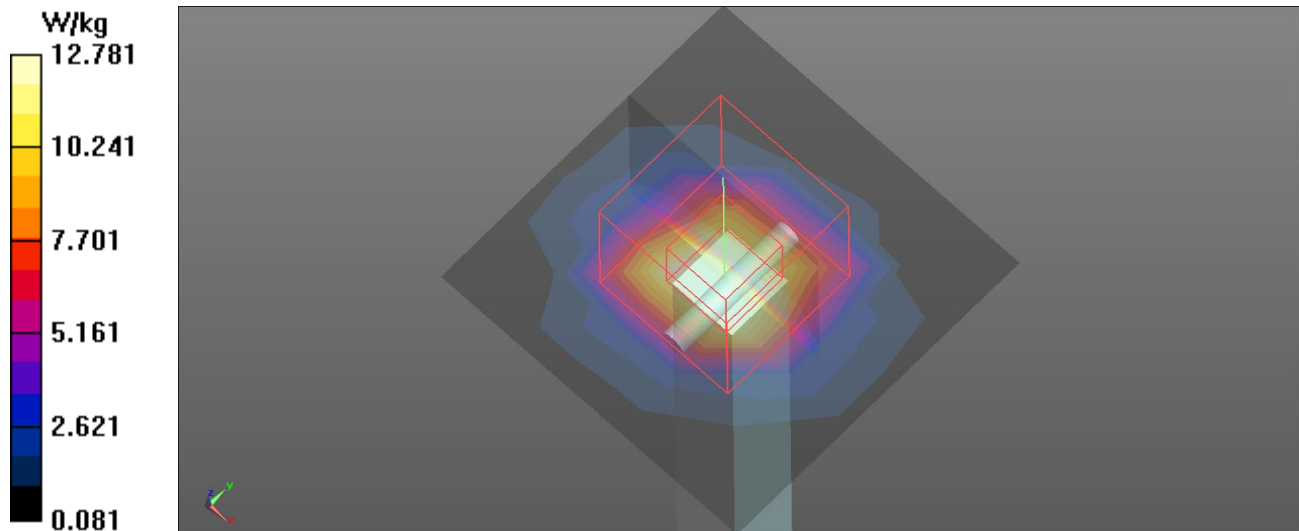
Zoom Scan (7x7x12)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=2$ mm

Reference Value = 70.13 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 34.7 W/kg

SAR(1 g) = 7.83 W/kg; SAR(10 g) = 2.3 W/kg

Maximum value of SAR (measured) = 20.0 W/kg



Test Laboratory: BTL Inc.

Date: 2024/11/11

System Check_H5600_1111

DUT: Dipole D5GHzV2;SN:1160;

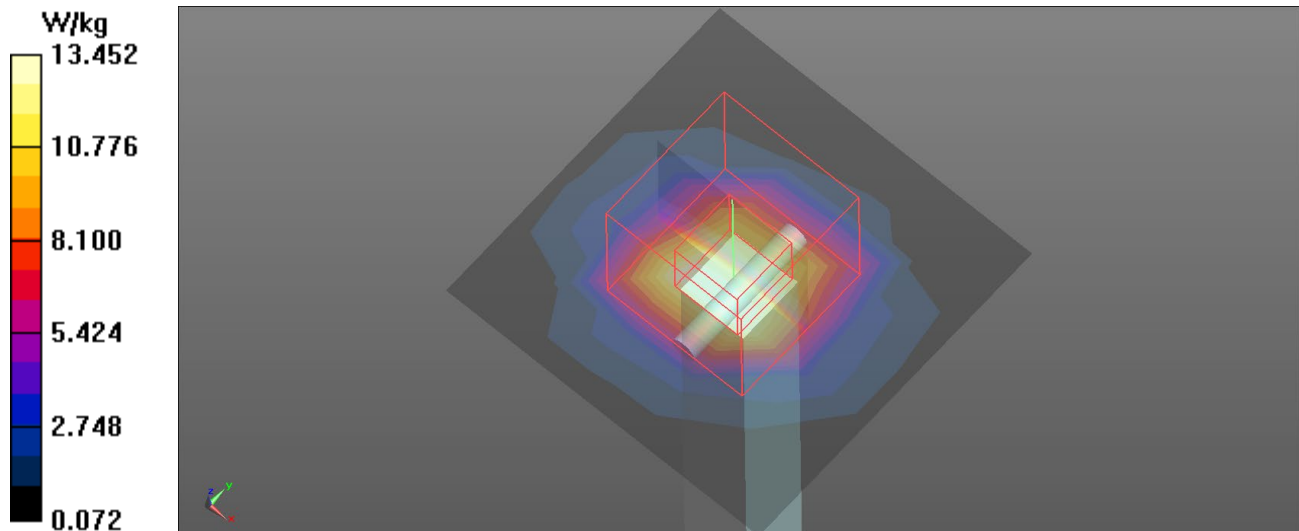
Communication System: UID 0, CW (0); Frequency: 5600 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 5600 \text{ MHz}$; $\sigma = 5.106 \text{ S/m}$; $\epsilon_r = 34.743$; $\rho = 1000 \text{ kg/m}^3$
Ambient Temperature: $23.2 \text{ }^\circ\text{C}$; Liquid Temperature: $22.4 \text{ }^\circ\text{C}$

DASY Configuration:

- Probe: EX3DV4 - SN3809; ConvF(4.91, 4.61, 4.49) @ 5600 MHz; Calibrated: 2023/12/18
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 23.0$
- Electronics: DAE4 Sn1717; Calibrated: 2024/4/18
- 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: $dx=10\text{mm}$, $dy=10\text{mm}$
Maximum value of SAR (measured) = 13.5 W/kg

Zoom Scan (7x7x12)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=2\text{mm}$
Reference Value = 70.10 V/m ; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 34.4 W/kg
SAR(1 g) = 8.09 W/kg ; SAR(10 g) = 2.37 W/kg
Maximum value of SAR (measured) = 21.0 W/kg



Test Laboratory: BTL Inc.

Date: 2024/11/11

System Check_H5750_1111

DUT: Dipole D5GHzV2;SN:1160;

Communication System: UID 0, CW (0); Frequency: 5750 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 5750 \text{ MHz}$; $\sigma = 5.296 \text{ S/m}$; $\epsilon_r = 34.34$; $\rho = 1000 \text{ kg/m}^3$
Ambient Temperature: $23.2 \text{ }^\circ\text{C}$; Liquid Temperature: $22.4 \text{ }^\circ\text{C}$

DASY Configuration:

- Probe: EX3DV4 - SN3809; ConvF(4.77, 4.74, 4.51) @ 5750 MHz; Calibrated: 2023/12/18
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 23.0$
- Electronics: DAE4 Sn1717; Calibrated: 2024/4/18
- 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: $dx=10\text{mm}$, $dy=10\text{mm}$
Maximum value of SAR (measured) = 12.4 W/kg

Zoom Scan (7x7x12)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=2\text{mm}$
Reference Value = 66.65 V/m ; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 31.3 W/kg
SAR(1 g) = 7.35 W/kg ; SAR(10 g) = 2.16 W/kg
Maximum value of SAR (measured) = 19.0 W/kg

