

Test Laboratory: BTL Inc.

Date: 2022/7/8

**System Check\_H835\_0708**

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

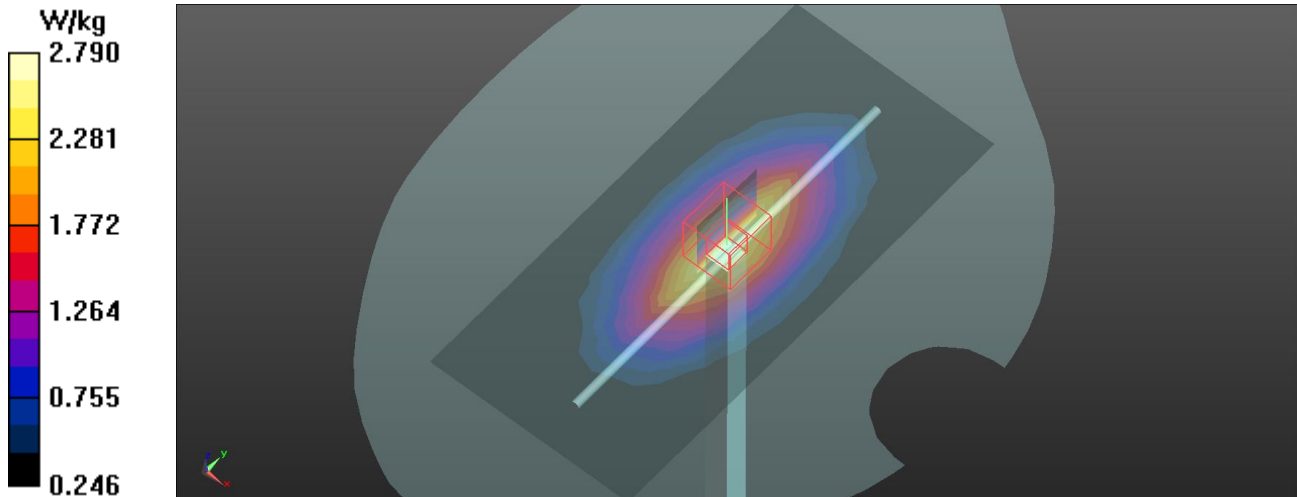
Communication System: UID 0, CW (0); Frequency: 835 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 835 \text{ MHz}$ ;  $\sigma = 0.914 \text{ S/m}$ ;  $\epsilon_r = 41.972$ ;  $\rho = 1000 \text{ kg/m}^3$   
Ambient Temperature:  $23.2 \text{ }^\circ\text{C}$ ; Liquid Temperature:  $22.3 \text{ }^\circ\text{C}$

DASY Configuration:

- Probe: EX3DV4 - SN3974; ConvF(10.02, 10.02, 10.02) @ 835 MHz; Calibrated: 2022/1/24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn1717; Calibrated: 2022/3/8
- Phantom: SAM Mid v5.0; Type: QD000P40CD; Serial: 1896
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

**Area Scan (7x14x1):** Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$   
Maximum value of SAR (measured) =  $2.75 \text{ W/kg}$

**Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$   
Reference Value =  $56.13 \text{ V/m}$ ; Power Drift =  $-0.07 \text{ dB}$   
Peak SAR (extrapolated) =  $3.56 \text{ W/kg}$   
**SAR(1 g) =  $2.38 \text{ W/kg}$ ; SAR(10 g) =  $1.56 \text{ W/kg}$**   
Maximum value of SAR (measured) =  $2.79 \text{ W/kg}$



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**System Check\_H835\_0709****DUT: Dipole 835 MHz D835V2;SN:4d160**

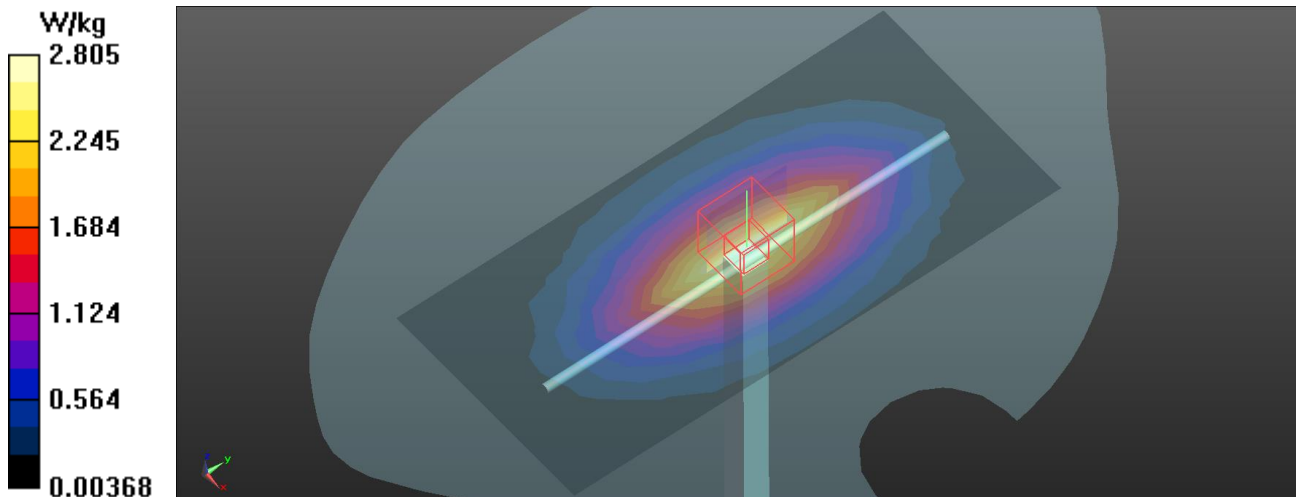
Communication System: UID 0, CW (0); Frequency: 835 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 835 \text{ MHz}$ ;  $\sigma = 0.938 \text{ S/m}$ ;  $\epsilon_r = 42.541$ ;  $\rho = 1000 \text{ kg/m}^3$   
Ambient Temperature:  $23.2 \text{ }^\circ\text{C}$ ; Liquid Temperature:  $22.3 \text{ }^\circ\text{C}$

## DASY Configuration:

- Probe: EX3DV4 - SN7544; ConvF(9.86, 9.86, 9.86) @ 835 MHz; Calibrated: 2021/12/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn1423; Calibrated: 2022/1/21
- Phantom: SAM Mid v5.0; Type: QD000P40CD; Serial: 1896
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

**Area Scan (7x14x1):** Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$   
Maximum value of SAR (measured) =  $2.81 \text{ W/kg}$

**Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$   
Reference Value =  $56.04 \text{ V/m}$ ; Power Drift =  $-0.06 \text{ dB}$   
Peak SAR (extrapolated) =  $3.63 \text{ W/kg}$   
**SAR(1 g) =  $2.43 \text{ W/kg}$ ; SAR(10 g) =  $1.59 \text{ W/kg}$**   
Maximum value of SAR (measured) =  $2.84 \text{ W/kg}$



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**System Check\_H1750\_0708****DUT: Dipole 1750 MHz D1750V2;SN:1101;**

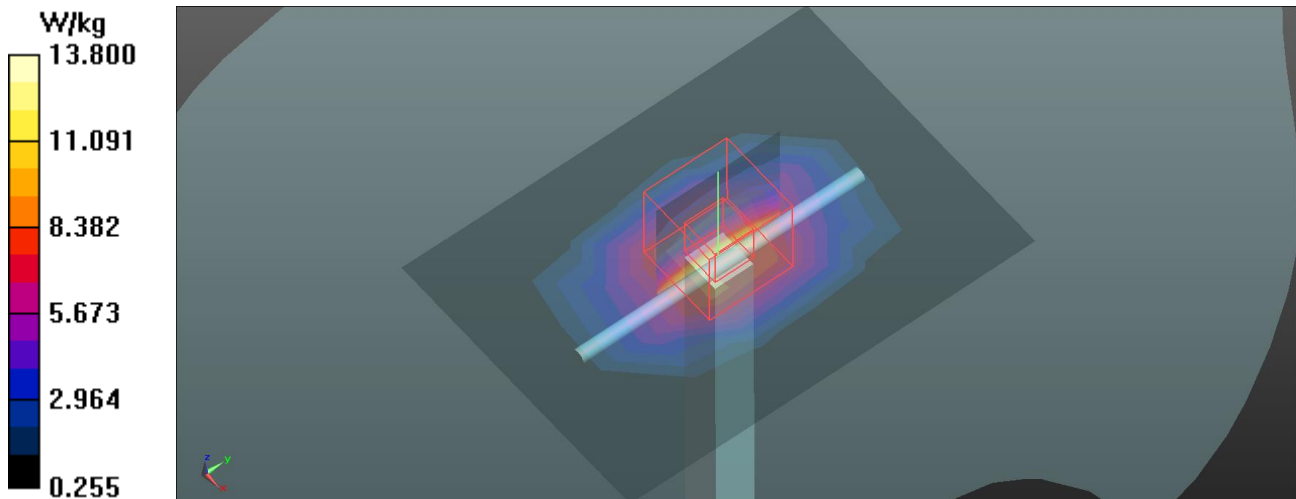
Communication System: UID 0, CW (0); Frequency: 1750 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 1750$  MHz;  $\sigma = 1.34$  S/m;  $\epsilon_r = 39.988$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature: 23.3 °C; Liquid Temperature: 22.4 °C

DASY Configuration:

- Probe: EX3DV4 - SN3974; ConvF(8.7, 8.7, 8.7) @ 1750 MHz; Calibrated: 2022/1/24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn1717; Calibrated: 2022/3/8
- Phantom: Twin SAM V5.0; Type: QD000P40CD; Serial: S/N:1811
- 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) = 9.28 W/kg

**Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm  
Reference Value = 103.2 V/m; Power Drift = 0.01 dB  
Peak SAR (extrapolated) = 16.8 W/kg  
**SAR(1 g) = 8.68 W/kg; SAR(10 g) = 4.58 W/kg**  
Maximum value of SAR (measured) = 13.8 W/kg



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## System Check\_H1750\_0709

**DUT: Dipole 1750 MHz D1750V2;SN:1101;**

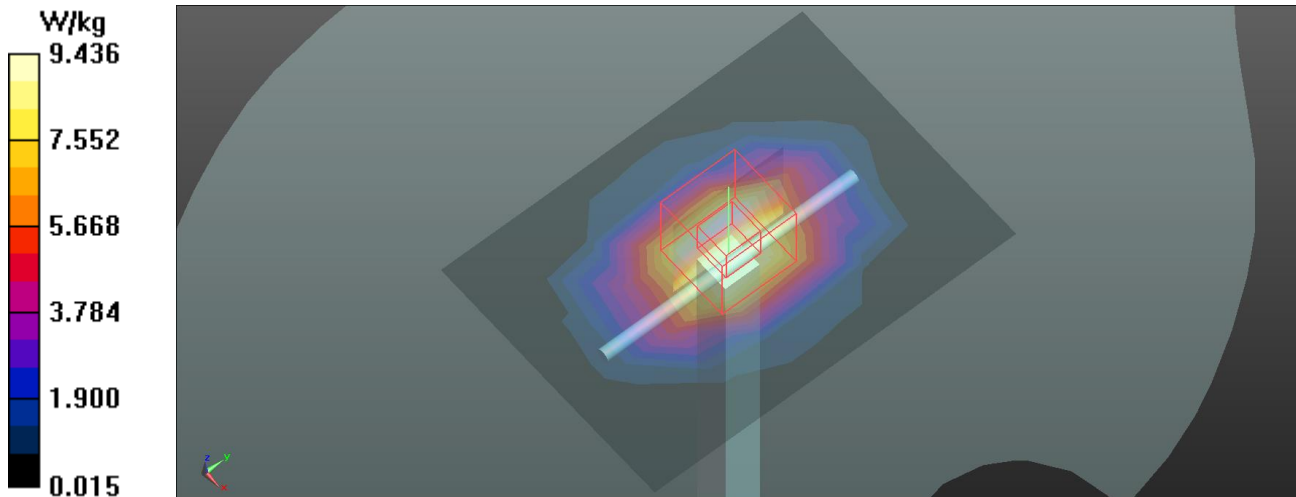
Communication System: UID 0, CW (0); Frequency: 1750 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 1750$  MHz;  $\sigma = 1.343$  S/m;  $\epsilon_r = 39.624$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature: 23.5 °C; Liquid Temperature: 22.3 °C

DASY Configuration:

- Probe: EX3DV4 - SN7544; ConvF(8.38, 8.38, 8.38) @ 1750 MHz; Calibrated: 2021/12/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn1423; Calibrated: 2022/1/21
- Phantom: Twin SAM V5.0; Type: QD000P40CD; Serial: S/N:1811
- 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) = 9.44 W/kg

**Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm  
Reference Value = 103.3 V/m; Power Drift = 0.01 dB  
Peak SAR (extrapolated) = 16.9 W/kg  
**SAR(1 g) = 8.77 W/kg; SAR(10 g) = 4.63 W/kg**  
Maximum value of SAR (measured) = 13.9 W/kg



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### System Check\_H1900\_0708

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

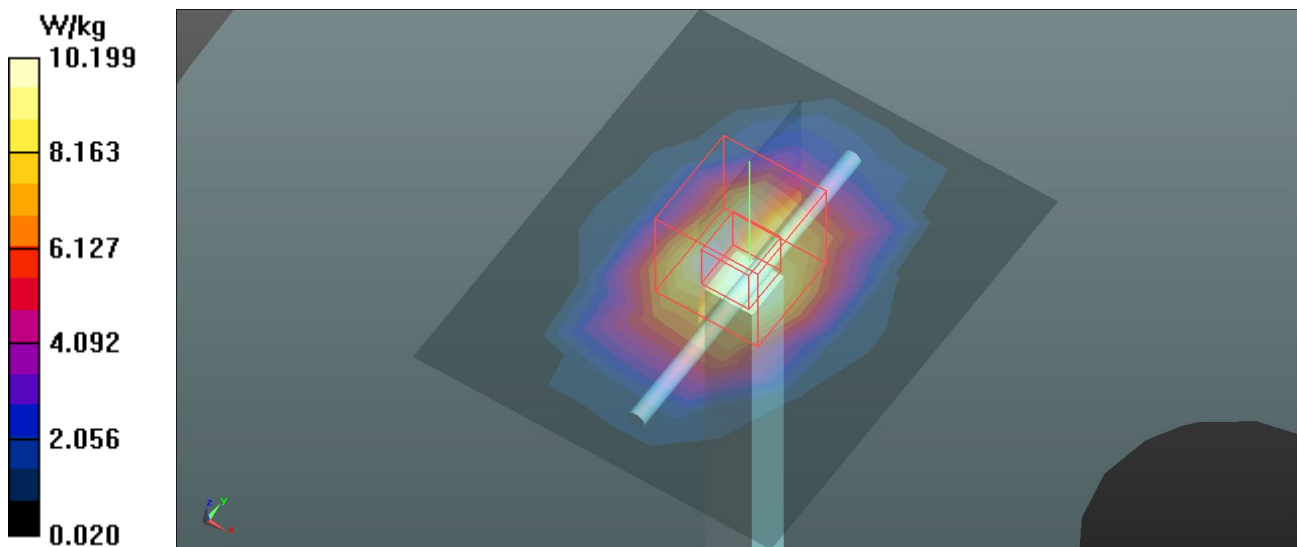
Communication System: UID 0, CW (0); Frequency: 1900 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 1900$  MHz;  $\sigma = 1.335$  S/m;  $\epsilon_r = 41.014$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature: 23.2 °C; Liquid Temperature: 22.5 °C

DASY Configuration:

- Probe: EX3DV4 - SN7544; ConvF(8.09, 8.09, 8.09) @ 1900 MHz; Calibrated: 2021/12/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn1423; Calibrated: 2022/1/21
- Phantom: SAM ; Type: Twin SAM; Serial: 1784
- 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) = 10.2 W/kg

**Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm  
Reference Value = 108.6 V/m; Power Drift = 0.00 dB  
Peak SAR (extrapolated) = 18.8 W/kg  
**SAR(1 g) = 9.61 W/kg; SAR(10 g) = 4.97 W/kg**  
Maximum value of SAR (measured) = 15.2 W/kg



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### System Check\_H1900\_0709

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

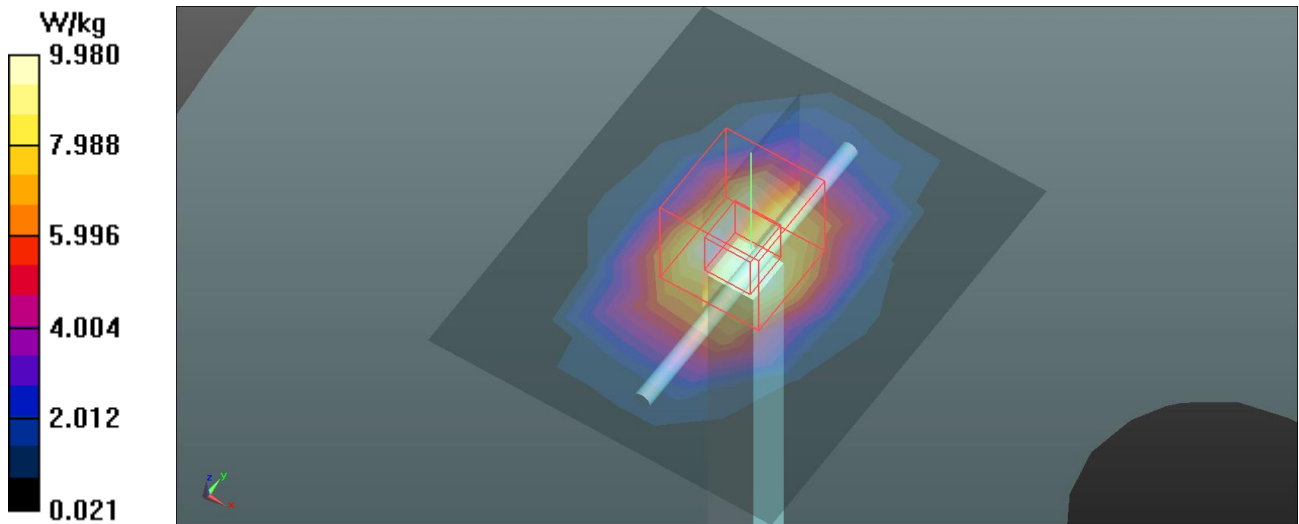
Communication System: UID 0, CW (0); Frequency: 1900 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 1900$  MHz;  $\sigma = 1.336$  S/m;  $\epsilon_r = 40.975$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature: 23.4 °C; Liquid Temperature: 22.5 °C

DASY Configuration:

- Probe: EX3DV4 - SN3974; ConvF(8.41, 8.41, 8.41) @ 1900 MHz; Calibrated: 2022/1/24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn1390; Calibrated: 2021/12/29
- Phantom: SAM ; Type: Twin SAM; Serial: 1784
- 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) = 9.98 W/kg

**Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm  
Reference Value = 107.1 V/m; Power Drift = 0.00 dB  
Peak SAR (extrapolated) = 18.4 W/kg  
**SAR(1 g) = 9.41 W/kg; SAR(10 g) = 4.87 W/kg**  
Maximum value of SAR (measured) = 14.8 W/kg



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## System Check\_H2450\_0712

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

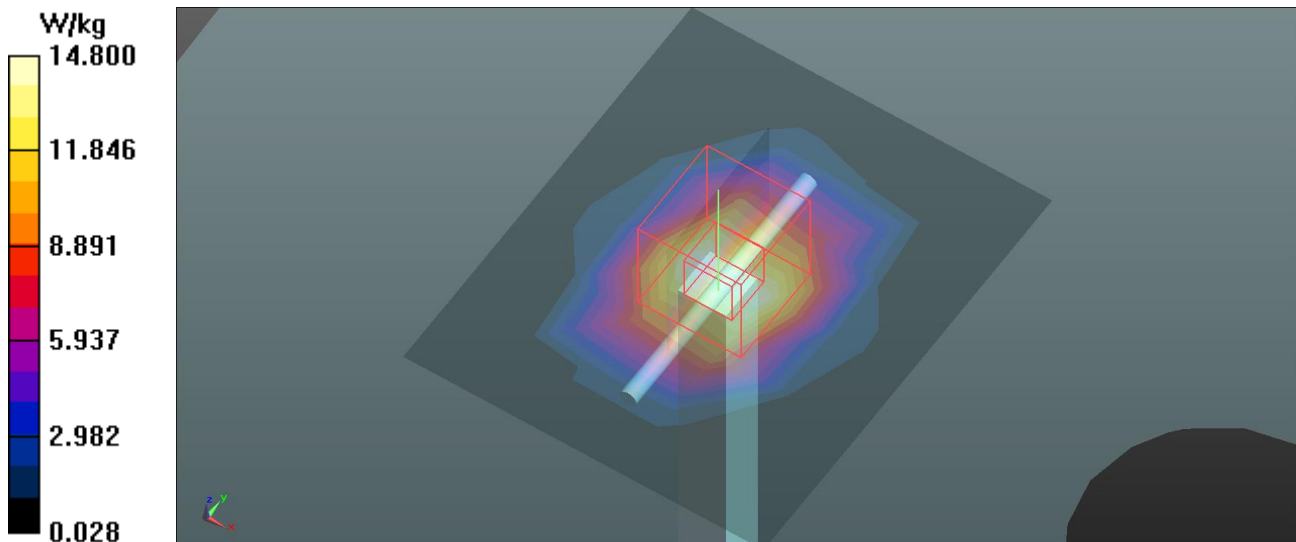
Communication System: UID 0, CW (0); Frequency: 2450 MHz; Duty Cycle: 1:1  
Medium parameters used (interpolated):  $f = 2450$  MHz;  $\sigma = 1.848$  S/m;  $\epsilon_r = 39.751$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature: 23.3 °C; Liquid Temperature: 22.3 °C

DASY Configuration:

- Probe: EX3DV4 - SN7544; ConvF(7.51, 7.51, 7.51) @ 2450 MHz; Calibrated: 2021/12/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn1423; Calibrated: 2022/1/21
- Phantom: SAM ; Type: Twin SAM; Serial: 1784
- 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) = 14.8 W/kg

**Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm  
Reference Value = 117.2 V/m; Power Drift = -0.04 dB  
Peak SAR (extrapolated) = 29.5 W/kg  
**SAR(1 g) = 13.5 W/kg; SAR(10 g) = 6.2 W/kg**  
Maximum value of SAR (measured) = 23.1 W/kg



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**System Check\_H2600\_0712****DUT: Dipole 2600 MHz D2600V2;SN:1067;**

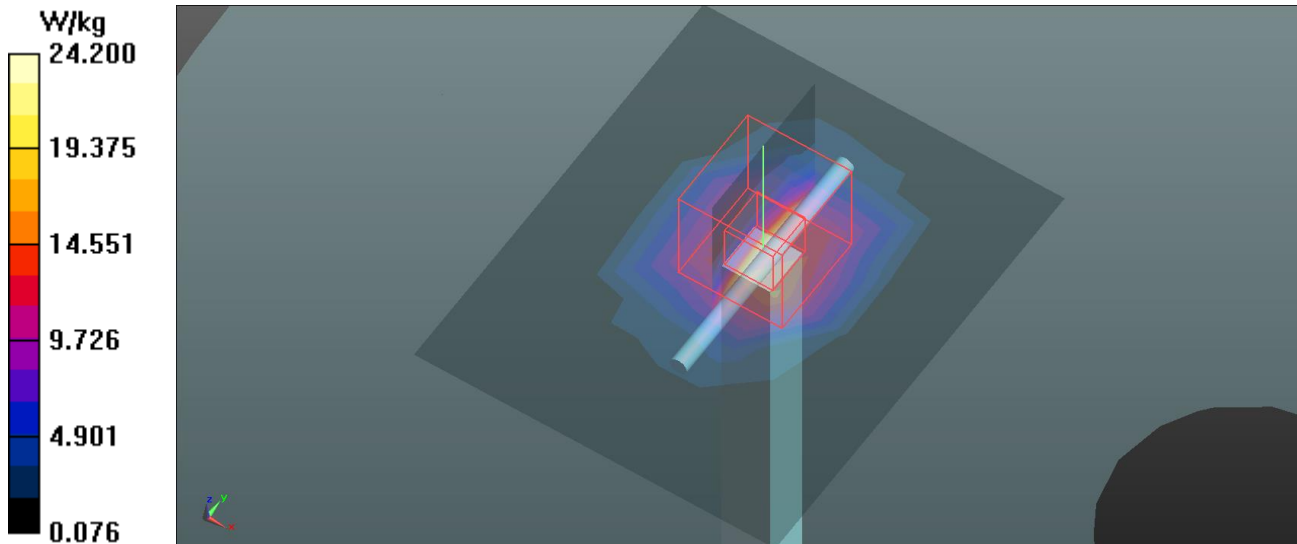
Communication System: UID 0, CW (0); Frequency: 2600 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 2600$  MHz;  $\sigma = 2.007$  S/m;  $\epsilon_r = 39.261$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature: 23.3 °C; Liquid Temperature: 22.3 °C

## DASY Configuration:

- Probe: EX3DV4 - SN7544; ConvF(7.3, 7.3, 7.3) @ 2600 MHz; Calibrated: 2021/12/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn1423; Calibrated: 2022/1/21
- Phantom: SAM ; Type: Twin SAM; Serial: 1784
- 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) = 14.9 W/kg

**Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm  
Reference Value = 113.4 V/m; Power Drift = -0.05 dB  
Peak SAR (extrapolated) = 31.0 W/kg  
**SAR(1 g) = 13.8 W/kg; SAR(10 g) = 6.08 W/kg**  
Maximum value of SAR (measured) = 24.2 W/kg





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## System Check\_H5250\_0715

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

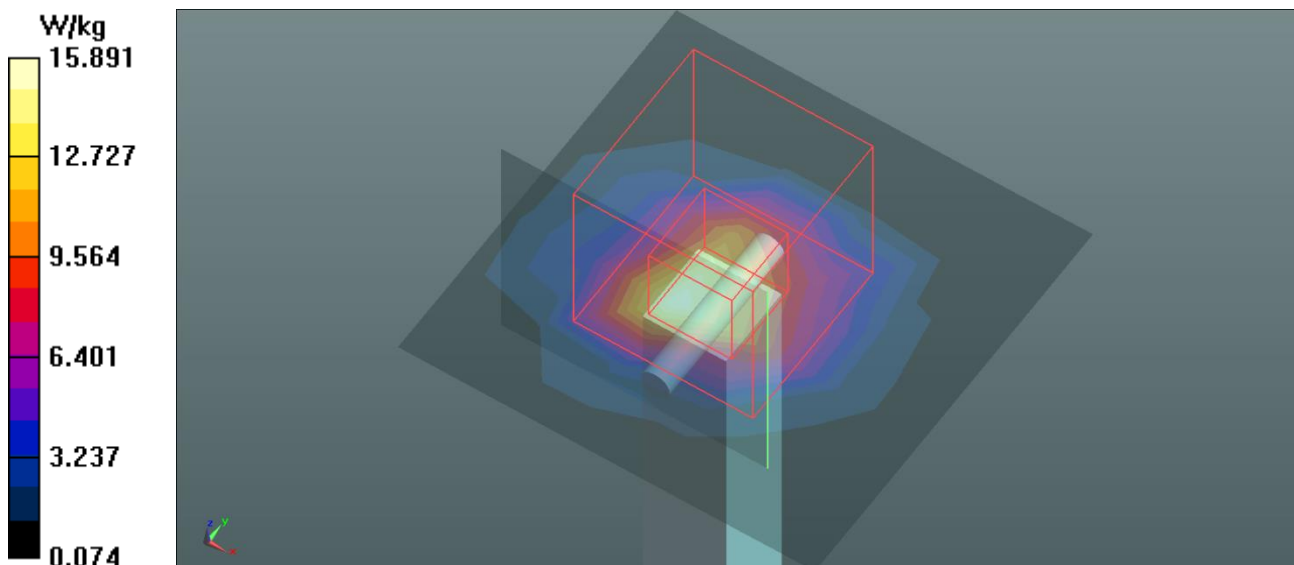
Communication System: UID 0, CW (0); Frequency: 5250 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 5250$  MHz;  $\sigma = 4.781$  S/m;  $\epsilon_r = 35.788$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature: 23.4 °C; Liquid Temperature: 22.5 °C

DASY Configuration:

- Probe: EX3DV4 - SN3974; ConvF(5.68, 5.68, 5.68) @ 5250 MHz; Calibrated: 2022/1/24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection),  $z = 1.0, 23.0$
- Electronics: DAE4 Sn1390; Calibrated: 2021/12/29
- Phantom: Twin SAM V5.0; Type: QD000P40CD; Serial: S/N:1812
- 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) = 15.9 W/kg

**Zoom Scan (7x7x12)/Cube 0:** Measurement grid:  $dx=4$ mm,  $dy=4$ mm,  $dz=2$ mm  
Reference Value = 67.06 V/m; Power Drift = 0.18 dB  
Peak SAR (extrapolated) = 35.7 W/kg  
**SAR(1 g) = 7.57 W/kg; SAR(10 g) = 2.16 W/kg**  
Maximum value of SAR (measured) = 19.8 W/kg



Test Laboratory: BTL Inc.

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## System Check\_H5600\_0715

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

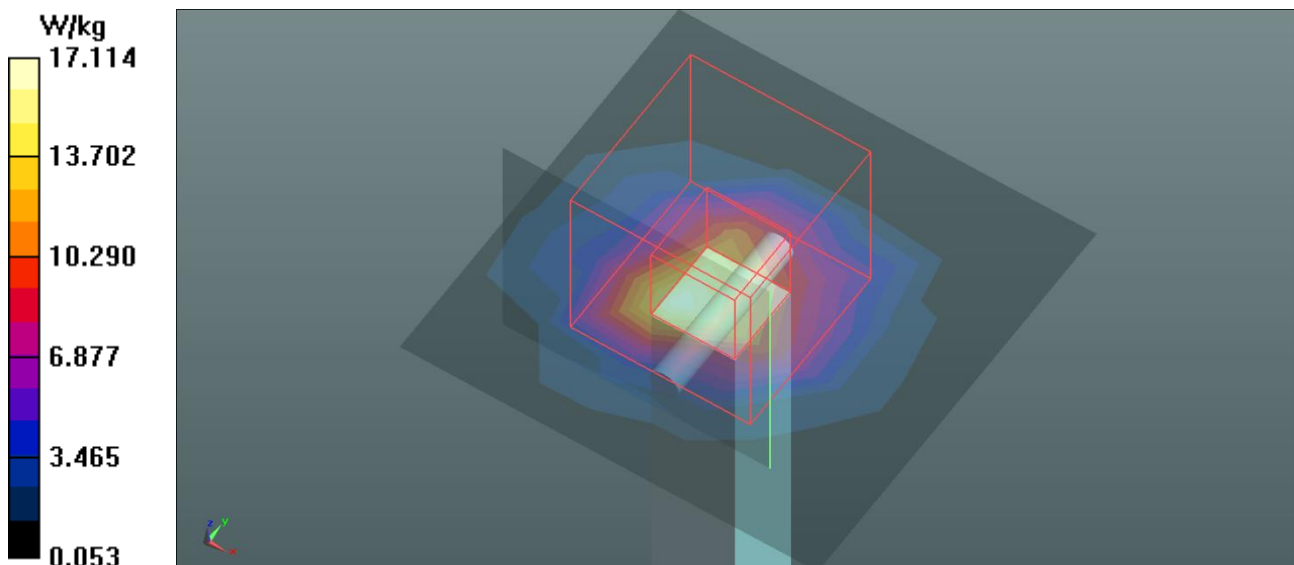
Communication System: UID 0, CW (0); Frequency: 5600 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 5600$  MHz;  $\sigma = 5.256$  S/m;  $\epsilon_r = 34.973$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature: 23.4 °C; Liquid Temperature: 22.5 °C

DASY Configuration:

- Probe: EX3DV4 - SN3974; ConvF(5.01, 5.01, 5.01) @ 5600 MHz; Calibrated: 2022/1/24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection),  $z = 1.0, 23.0$
- Electronics: DAE4 Sn1390; Calibrated: 2021/12/29
- Phantom: Twin SAM V5.0; Type: QD000P40CD; Serial: S/N:1812
- 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) = 17.1 W/kg

**Zoom Scan (7x7x12)/Cube 0:** Measurement grid:  $dx=4$ mm,  $dy=4$ mm,  $dz=2$ mm  
Reference Value = 65.77 V/m; Power Drift = 0.19 dB  
Peak SAR (extrapolated) = 40.2 W/kg  
**SAR(1 g) = 7.8 W/kg; SAR(10 g) = 2.21 W/kg**  
Maximum value of SAR (measured) = 20.7 W/kg



Test Laboratory: BTL Inc.

Date: 2022/7/15

### System Check\_H5750\_0715

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

Communication System: UID 0, CW (0); Frequency: 5750 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 5750$  MHz;  $\sigma = 5.378$  S/m;  $\epsilon_r = 34.569$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature: 23.4 °C; Liquid Temperature: 22.5 °C

DASY Configuration:

- Probe: EX3DV4 - SN3974; ConvF(5.04, 5.04, 5.04) @ 5750 MHz; Calibrated: 2022/1/24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection),  $z = 1.0, 23.0$
- Electronics: DAE4 Sn1390; Calibrated: 2021/12/29
- Phantom: Twin SAM V5.0; Type: QD000P40CD; Serial: S/N:1812
- 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) = 17.1 W/kg

**Zoom Scan (7x7x12)/Cube 0:** Measurement grid:  $dx=4$ mm,  $dy=4$ mm,  $dz=2$ mm  
Reference Value = 64.95 V/m; Power Drift = 0.03 dB  
Peak SAR (extrapolated) = 42.9 W/kg  
**SAR(1 g) = 7.87 W/kg; SAR(10 g) = 2.21 W/kg**  
Maximum value of SAR (measured) = 21.3 W/kg

