

Test Laboratory: BTL Inc.

Date: 2024/12/21

**System Check\_H750\_1221****DUT: Dipole 750 MHz D750V3;SN:1132;**

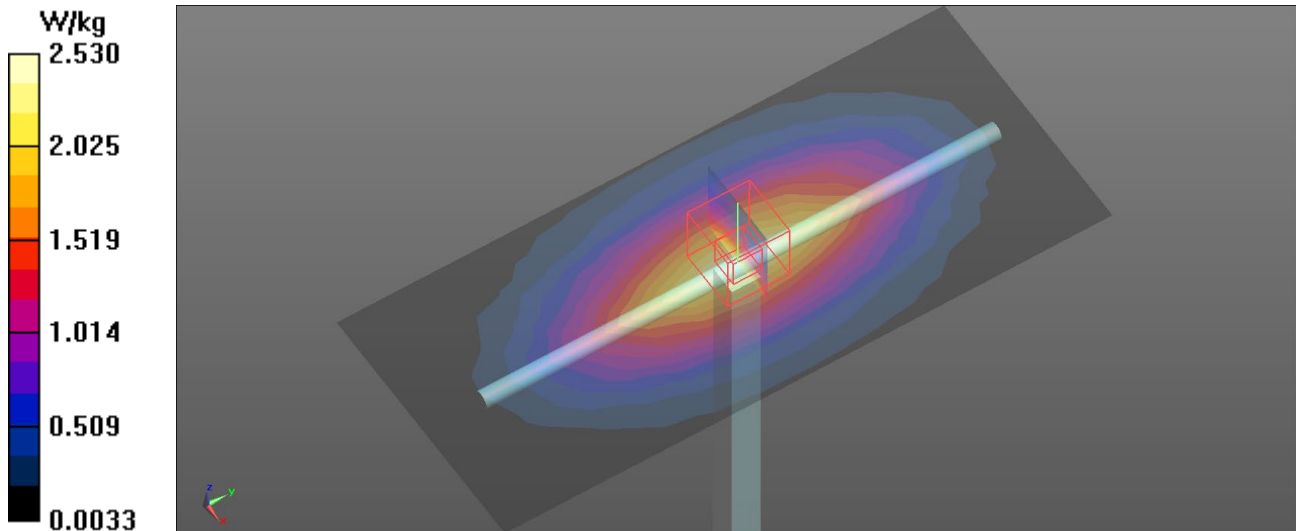
Communication System: UID 0, CW (0); Frequency: 750 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 750$  MHz;  $\sigma = 0.898$  S/m;  $\epsilon_r = 42.987$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 22.6 °C; Liquid Temperature : 22 °C

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:  $dx=15$ mm,  $dy=15$ mm  
Maximum value of SAR (measured) = 2.53 W/kg

**Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ 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



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### System Check\_H835\_1221

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

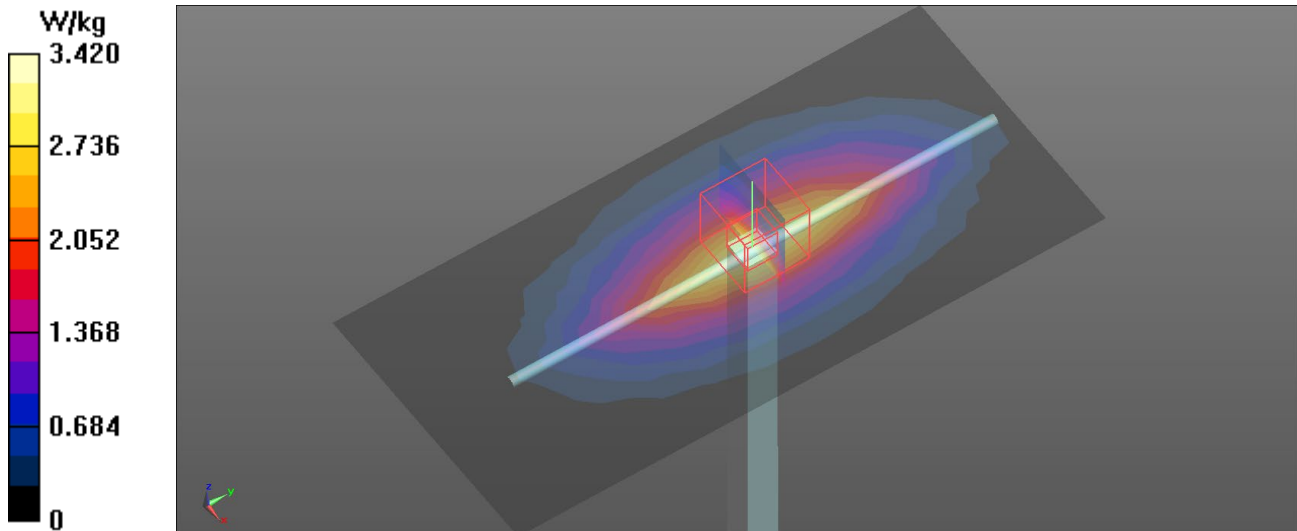
Communication System: UID 0, CW (0); Frequency: 835 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 835 \text{ MHz}$ ;  $\sigma = 0.926 \text{ S/m}$ ;  $\epsilon_r = 42.311$ ;  $\rho = 1000 \text{ kg/m}^3$   
Ambient Temperature :  $22.6 \text{ }^\circ\text{C}$ ; Liquid Temperature :  $22 \text{ }^\circ\text{C}$

DASY Configuration:

- Probe: EX3DV4 - SN7693; ConvF(9.32, 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:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$   
Maximum value of SAR (measured) =  $3.42 \text{ W/kg}$

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



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**System Check\_H1750\_1220****DUT: Dipole 1750 MHz D1750V2;SN:1101;**

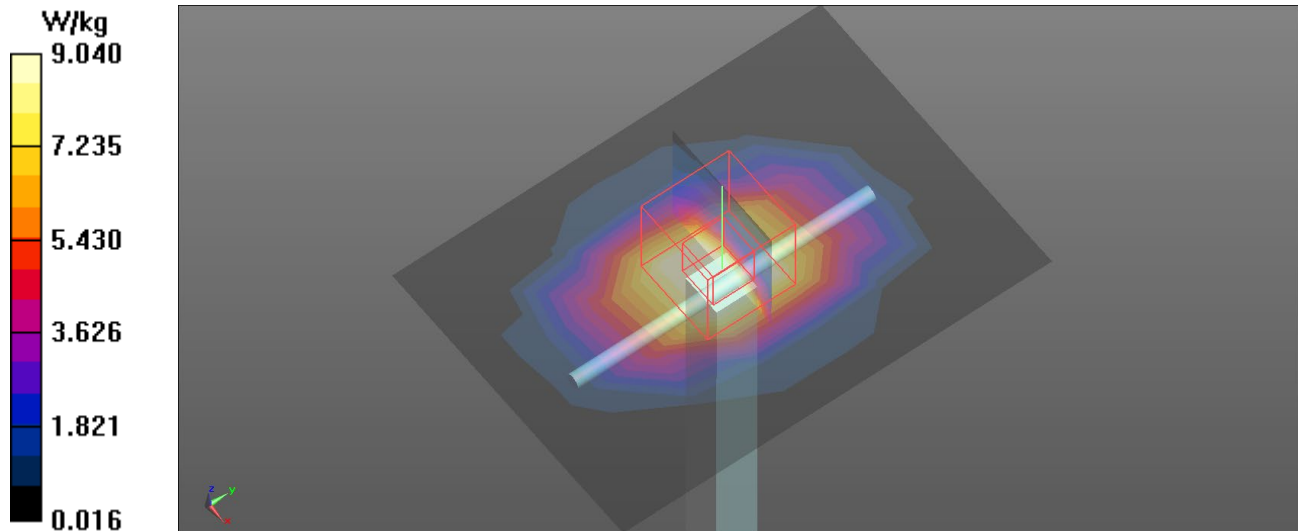
Communication System: UID 0, CW (0); Frequency: 1750 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 1750$  MHz;  $\sigma = 1.345$  S/m;  $\epsilon_r = 39.59$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.1 °C; Liquid Temperature : 22.7 °C

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



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**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/m<sup>3</sup>

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

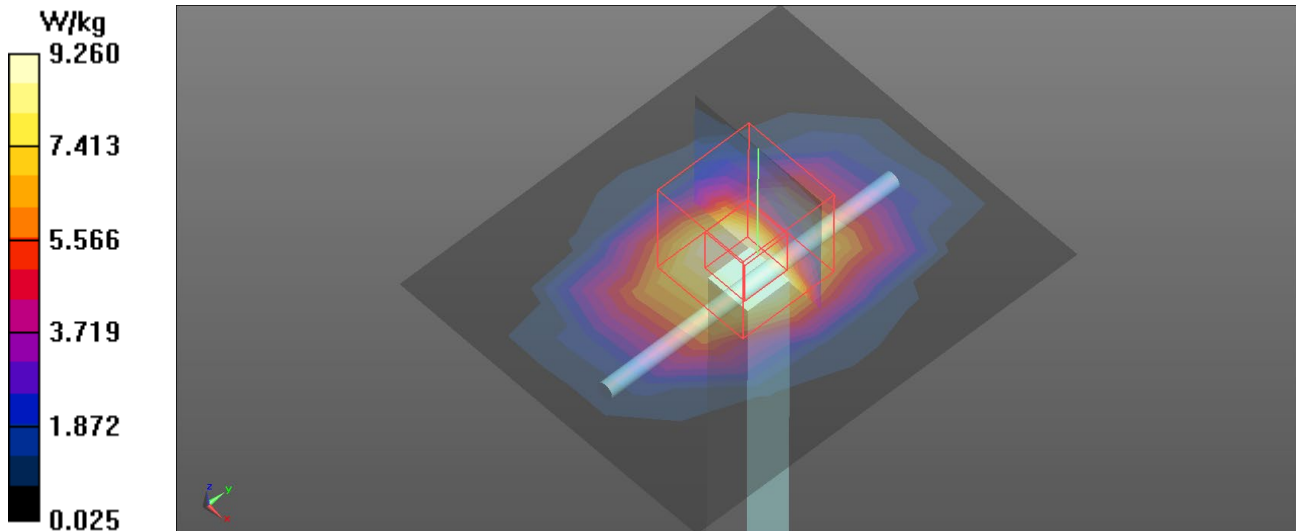
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

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



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## 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/m<sup>3</sup>

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

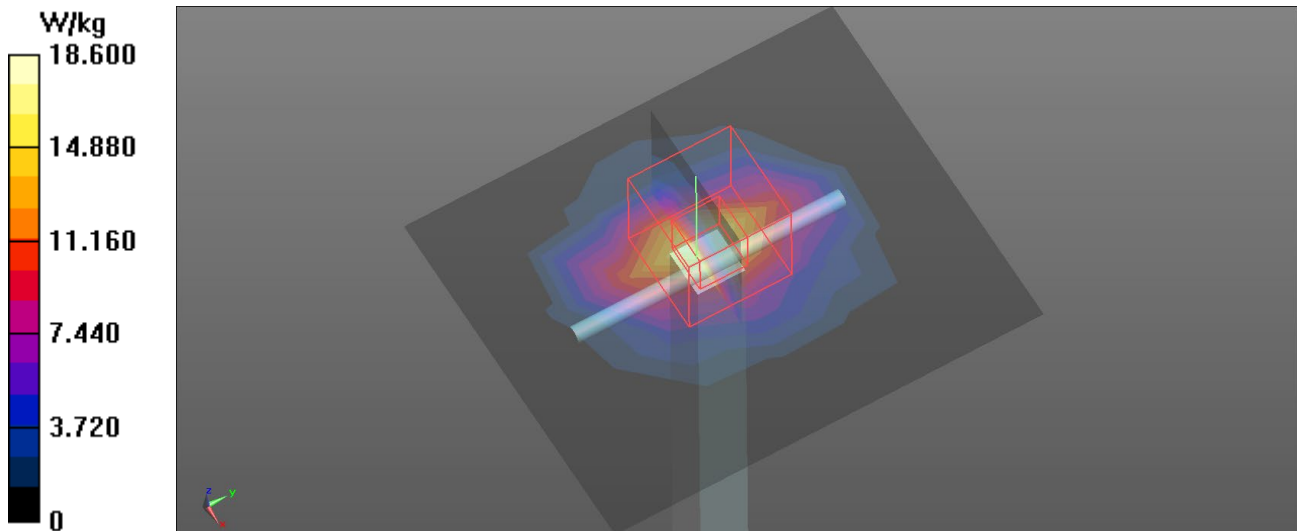
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

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



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**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/m<sup>3</sup>

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

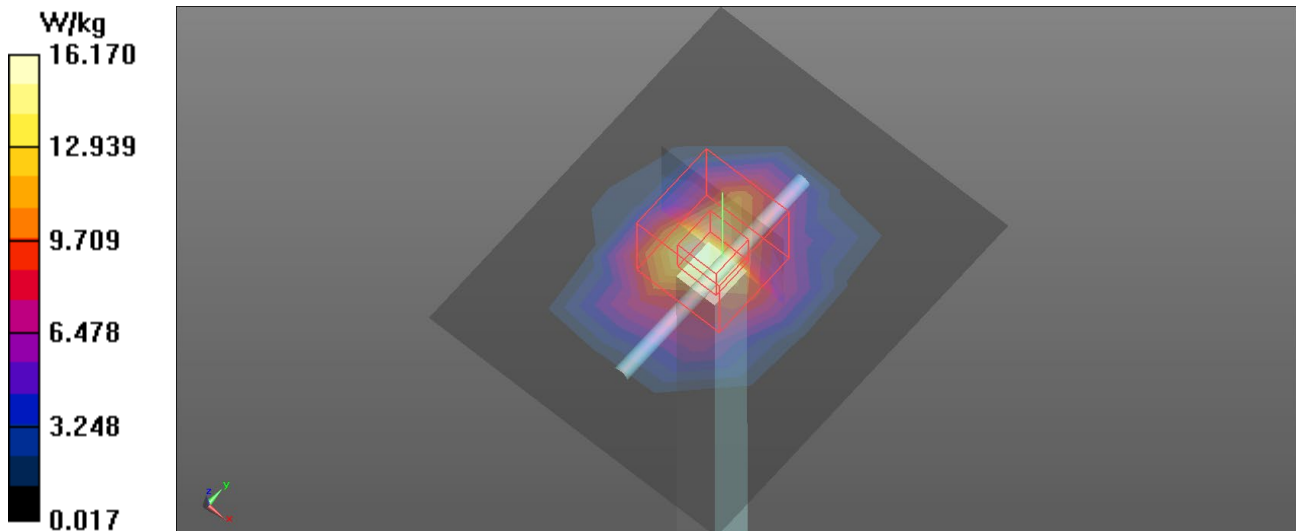
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

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



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## System Check\_H2600\_1222

**DUT: Dipole 2600 MHz D2600V2; SN:1067;**

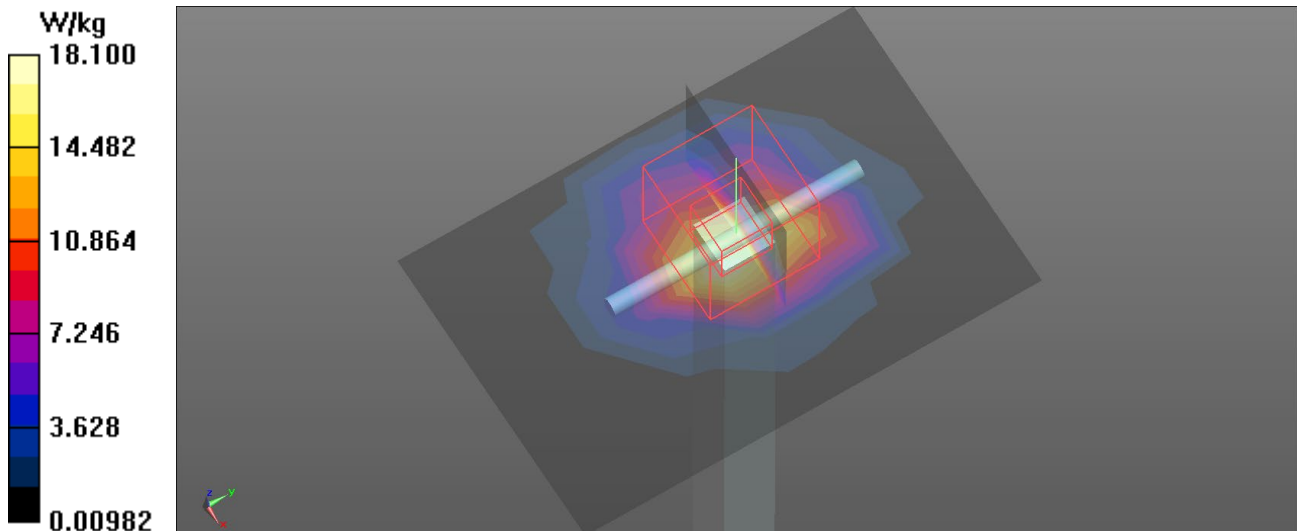
Communication System: UID 0, CW (0); Frequency: 2600 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 2600$  MHz;  $\sigma = 1.994$  S/m;  $\epsilon_r = 39.42$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature: 22.8 °C; Liquid Temperature: 22.3 °C

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



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### 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/m<sup>3</sup>

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

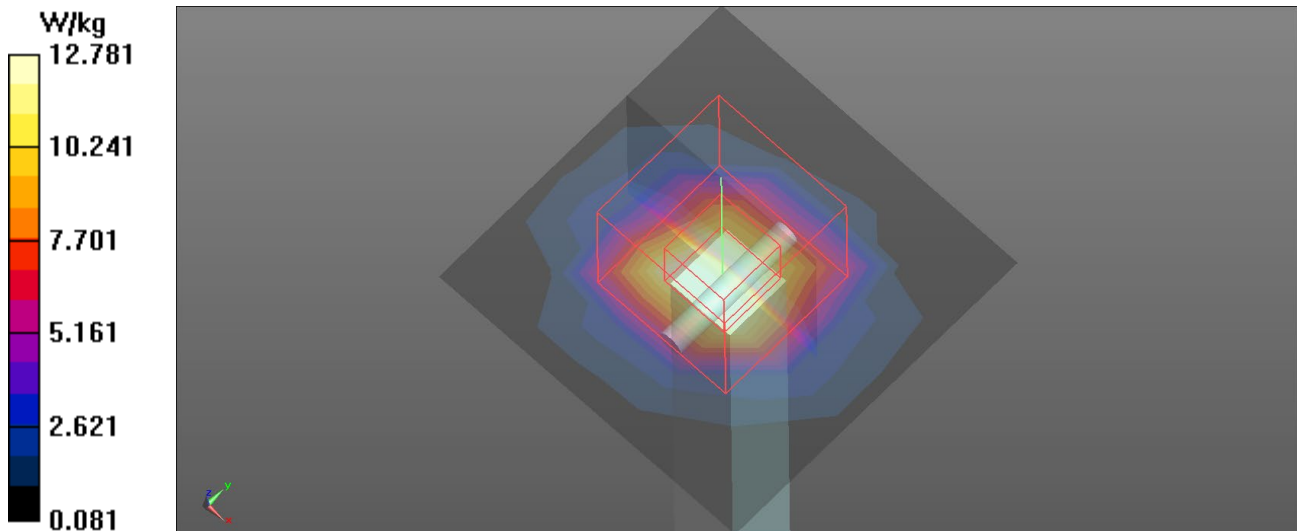
**Zoom Scan (7x7x12)/Cube 0:** Measurement grid:  $dx=4$ mm,  $dy=4$ mm,  $dz=2$ mm

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



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## System Check\_H5600\_1111

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

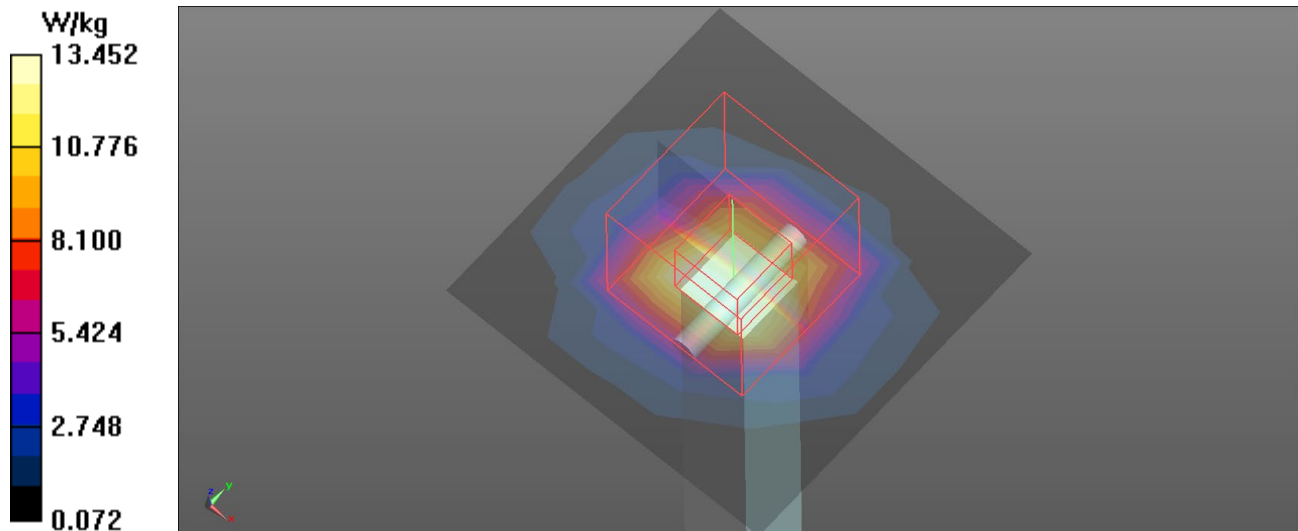
Communication System: UID 0, CW (0); Frequency: 5600 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 5600 \text{ MHz}$ ;  $\sigma = 5.106 \text{ S/m}$ ;  $\epsilon_r = 34.743$ ;  $\rho = 1000 \text{ kg/m}^3$   
Ambient Temperature:  $23.2 \text{ }^\circ\text{C}$ ; Liquid Temperature:  $22.4 \text{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

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) =  $13.5 \text{ W/kg}$

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



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### 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) =  $12.4 \text{ W/kg}$

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

