

Test Laboratory: BTL Inc.

Date: 2021/12/3

**System Check\_H2450\_1203****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;  $\epsilon_r = 39.696$ ;  $\rho = 996$  kg/m<sup>3</sup>

Ambient Temperature : 23.2 °C; Liquid Temperature : 22.2 °C

DASY Configuration:

- Probe: ES3DV3 - SN3162; ConvF(4.58, 4.58, 4.58) @ 2450 MHz; Calibrated: 2021/6/15
- Sensor-Surface: 3mm (Mechanical Surface Detection),  $z = 2.0, 32.0$
- Electronics: DAE4 Sn1423; Calibrated: 2020/12/11
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: 1128
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

**Area Scan (6x6x1):** Measurement grid:  $dx=12$ mm,  $dy=12$ mm

Maximum value of SAR (measured) = 14.4 W/kg

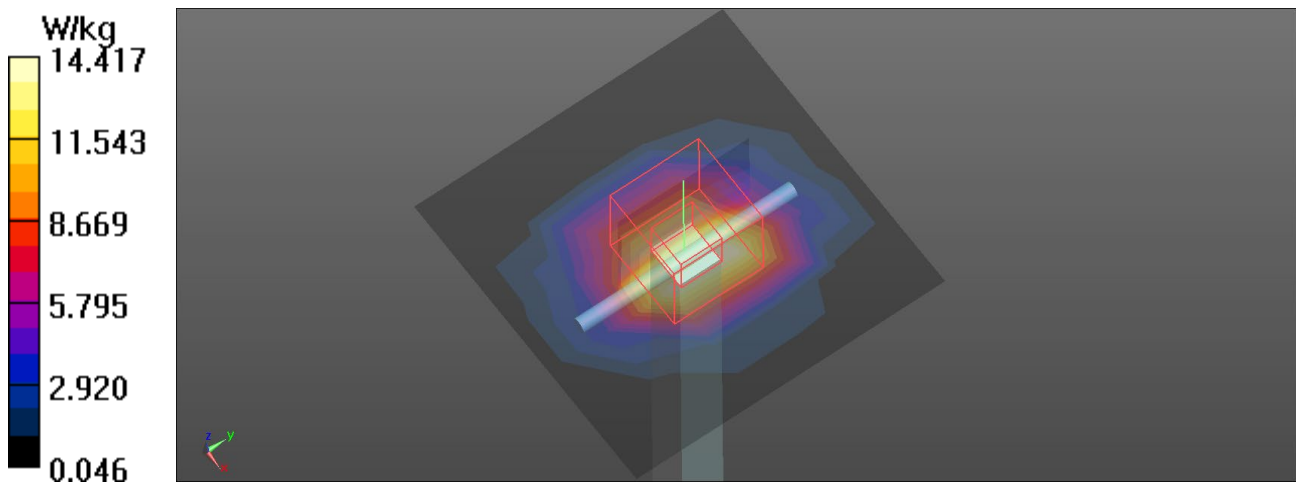
**Zoom Scan 7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 102.8 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 25.7 W/kg

**SAR(1 g) = 12.4 W/kg; SAR(10 g) = 5.76 W/kg**

Maximum value of SAR (measured) = 20.8 W/kg



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**System Check\_H3500\_1213****DUT: Dipole 3500 MHz D3500V2;SN:1095;**

Communication System: UID 0, CW (0);

Frequency: 3500 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 3500$  MHz;  $\sigma = 2.952$  S/m;  $\epsilon_r = 38.203$ ;  $\rho = 996$  kg/m<sup>3</sup>

Ambient Temperature : 23.2 °C; Liquid Temperature : 22.3 °C

DASY Configuration:

- Probe: EX3DV4 - SN3809; ConvF(6.71, 6.71, 6.71) @ 3500 MHz; Calibrated: 2021/10/14
- Sensor-Surface: 1.4mm (Mechanical Surface Detection),  $z = 1.0, 25.0$
- Electronics: DAE4 Sn760; Calibrated: 2021/10/26
- Phantom: ELI V5.0; Type: QD OVA 001 BB; Serial: TP:1222
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

**Area Scan (5x5x1):** Measurement grid:  $dx=15$ mm,  $dy=15$ mm

Maximum value of SAR (measured) = 14.1 W/kg

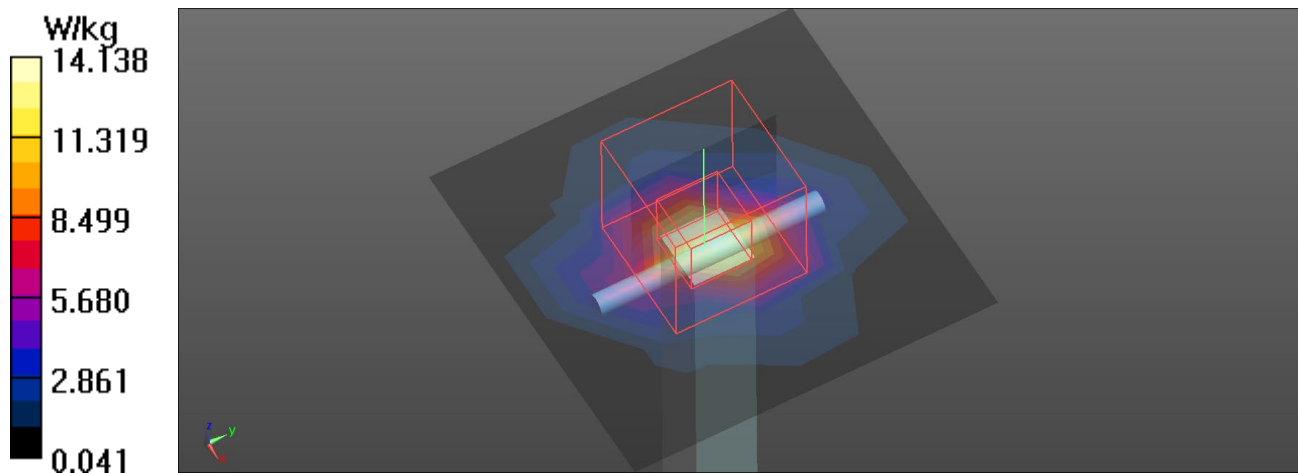
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=6$ mm,  $dy=6$ mm,  $dz=4$ mm

Reference Value = 72.86 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 19.9 W/kg

**SAR(1 g) = 6.78 W/kg; SAR(10 g) = 2.5 W/kg**

Maximum value of SAR (measured) = 14.0 W/kg



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**System Check\_H3700\_1213****DUT: Dipole 3700 MHz D3700V2;SN:1064;**

Communication System: UID 0, CW (0);

Frequency: 3700 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 3700$  MHz;  $\sigma = 3.183$  S/m;  $\epsilon_r = 37.565$ ;  $\rho = 996$  kg/m<sup>3</sup>

Ambient Temperature : 23.2 °C; Liquid Temperature : 22.3 °C

DASY Configuration:

- Probe: EX3DV4 - SN3809; ConvF(6.44, 6.44, 6.44) @ 3700 MHz; Calibrated: 2021/10/14
- Sensor-Surface: 1.4mm (Mechanical Surface Detection),  $z = 1.0, 25.0$
- Electronics: DAE4 Sn760; Calibrated: 2021/10/26
- Phantom: ELI V5.0; Type: QD OVA 001 BB; Serial: TP:1222
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

**Area Scan (5x5x1):** Measurement grid:  $dx=15$ mm,  $dy=15$ mm

Maximum value of SAR (measured) = 13.9 W/kg

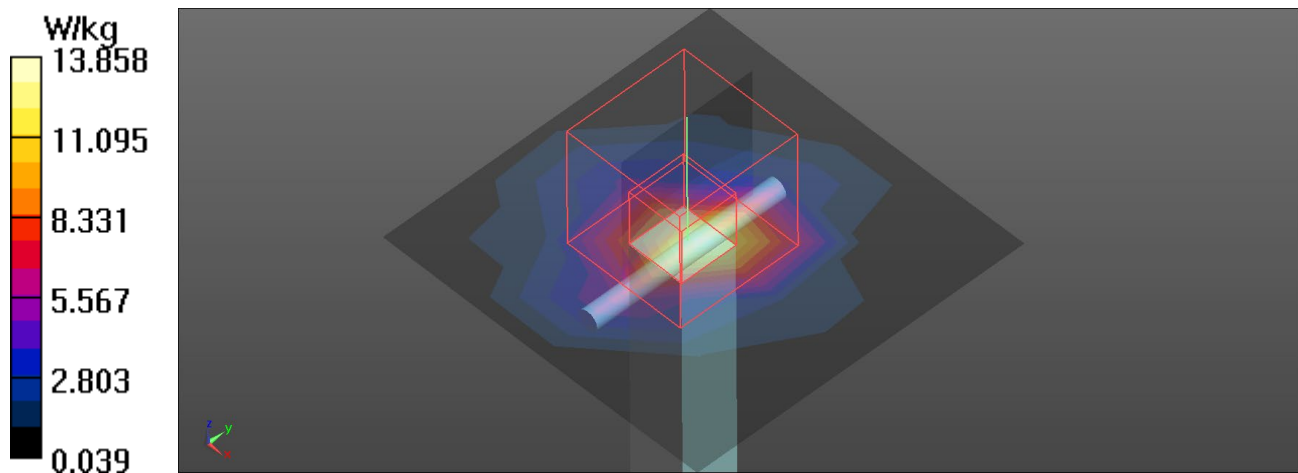
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=6$ mm,  $dy=6$ mm,  $dz=4$ mm

Reference Value = 70.46 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 21.8 W/kg

**SAR(1 g) = 6.94 W/kg; SAR(10 g) = 2.48 W/kg**

Maximum value of SAR (measured) = 14.7 W/kg



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**System Check\_H5250\_1203****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;  $\sigma = 4.807$  S/m;  $\epsilon_r = 35.658$ ;  $\rho = 996$  kg/m<sup>3</sup>

Ambient Temperature: 23.3 °C; Liquid Temperature: 22.3 °C

DASY Configuration:

- Probe: EX3DV4 - SN3974; ConvF(5.8, 5.8, 5.8) @ 5250 MHz; Calibrated: 2020/12/18
- Sensor-Surface: 1.4mm (Mechanical Surface Detection),  $z = 1.0, 23.0$
- Electronics: DAE4 Sn420; Calibrated: 2020/12/9
- Phantom: ELI V5.0; Type: QD OVA 001 BB; 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) = 16.0 W/kg

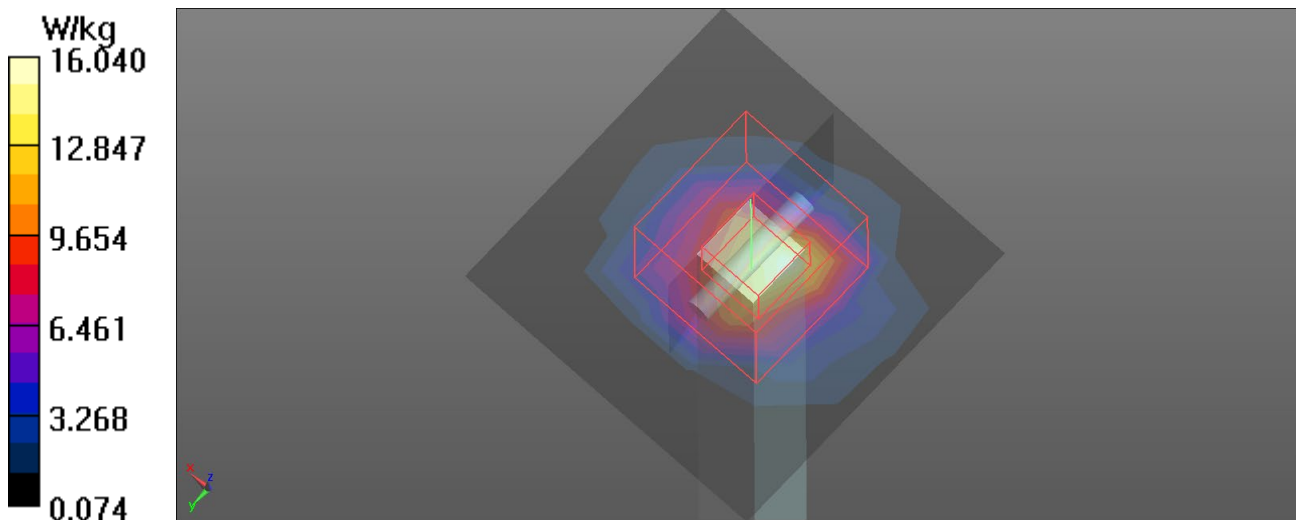
**Zoom Scan (7x7x12)/Cube 0:** Measurement grid:  $dx=4$ mm,  $dy=4$ mm,  $dz=2$ mm

Reference Value = 67.06 V/m; Power Drift = 0.18 dB

Peak SAR (extrapolated) = 36.1 W/kg

**SAR(1 g) = 7.63 W/kg; SAR(10 g) = 2.17 W/kg**

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



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**System Check\_H5750\_1203****DUT: Dipole D5GHzV2;SN:1160;**

Communication System: UID 0, CW (0);

Frequency: 5750 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 5750$  MHz;  $\sigma = 5.339$  S/m;  $\epsilon_r = 34.801$ ;  $\rho = 996$  kg/m<sup>3</sup>

Ambient Temperature : 23.3 °C; Liquid Temperature : 22.3 °C

DASY Configuration:

- Probe: EX3DV4 - SN3974; ConvF(5.07, 5.07, 5.07) @ 5750 MHz; Calibrated: 2020/12/18
- Sensor-Surface: 1.4mm (Mechanical Surface Detection),  $z = 1.0, 23.0$
- Electronics: DAE4 Sn420; Calibrated: 2020/12/9
- Phantom: ELI V5.0; Type: QD OVA 001 BB; 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) = 13.3 W/kg

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

Reference Value = 69.23 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 43.7 W/kg

**SAR(1 g) = 8.0 W/kg; SAR(10 g) = 2.26 W/kg**

Maximum value of SAR (measured) = 21.7 W/kg

