

Test Laboratory: BTL Inc.

Date: 2021/2/8

System Check_H2450_0208**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; $\sigma = 1.881$ S/m; $\epsilon_r = 38.258$; $\rho = 1000$ kg/m³

Ambient Temperature: 23.1 °C; Liquid Temperature: 22.2 °C

DASY Configuration:

- Probe: EX3DV4 - SN3974; ConvF(7.98, 7.98, 7.98) @ 2450 MHz; Calibrated: 2020/12/18
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1423; Calibrated: 2020/12/11
- Phantom: ELI v5.0_Left; Type: QDOVA002AA; Serial: TP:1222
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Area Scan (8x8x1): Measurement grid: $dx=12$ mm, $dy=12$ mm

Maximum value of SAR (measured) = 17.3 W/kg

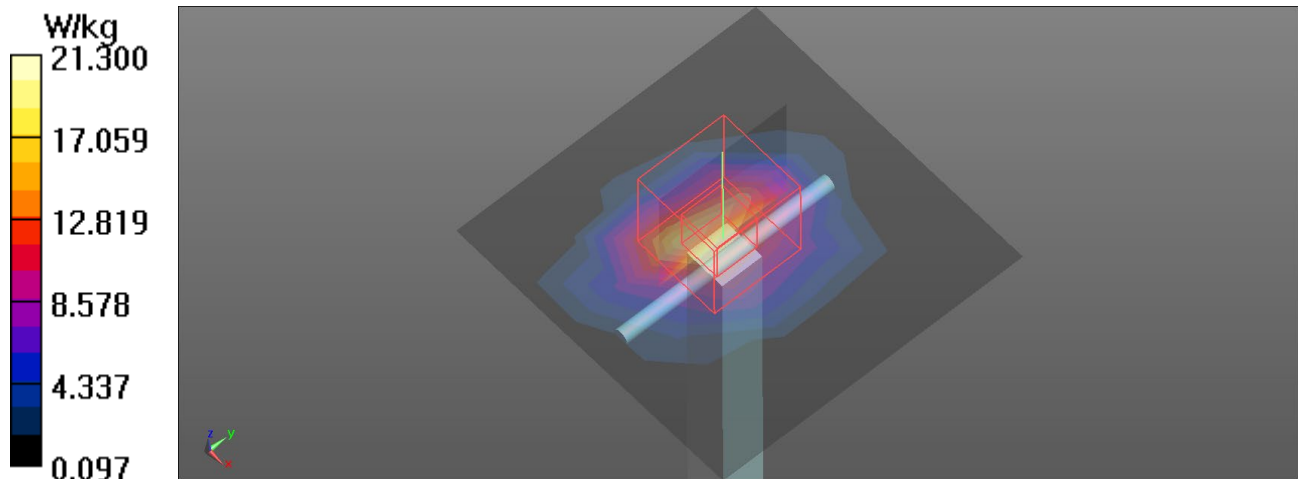
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 99.67 V/m; Power Drift = 0.18 dB

Peak SAR (extrapolated) = 25.8 W/kg

SAR(1 g) = 13.1 W/kg; SAR(10 g) = 6.02 W/kg

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



Test Laboratory: BTL.Inc

Date: 2020/2/9

System Check_H5200_0209**DUT: Dipole D5GHzV2;SN:1160;**

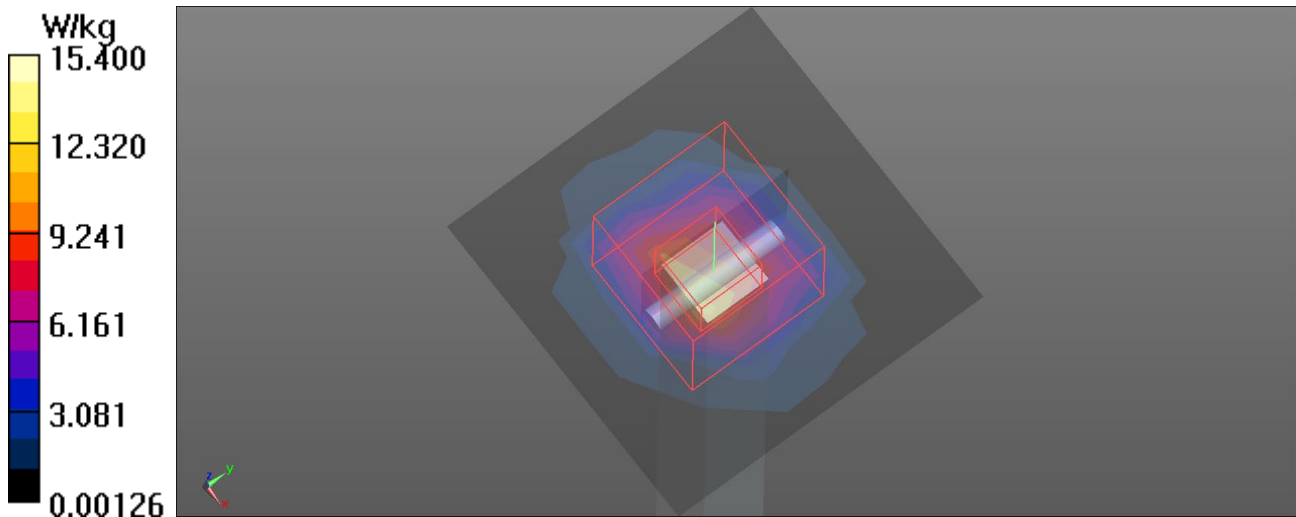
Communication System: UID 0, CW (0); Frequency: 5200 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 5200$ MHz; $\sigma = 4.615$ S/m; $\epsilon_r = 36.321$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.3 °C; Liquid Temperature : 22.1 °C

DASY Configuration:

- Probe: EX3DV4 - SN3974; ConvF(5.8, 5.8, 5.8) @ 5200 MHz; Calibrated: 2020/12/18
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 23.0$
- Electronics: DAE4 Sn1423; Calibrated: 2020/12/11
- 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) = 10.7 W/kg

Zoom Scan (7x7x12)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=2$ mm
Reference Value = 59.75 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 31.1 W/kg
SAR(1 g) = 7.32 W/kg; SAR(10 g) = 2.11 W/kg
Maximum value of SAR (measured) = 15.4 W/kg



Test Laboratory: BTL.Inc

Date: 2020/2/9

System Check_H5300_0209**DUT: Dipole D5GHzV2;SN:1160;**

Communication System: UID 0, CW (0); Frequency: 5300 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 5300$ MHz; $\sigma = 4.73$ S/m; $\epsilon_r = 36.062$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C; Liquid Temperature : 22.1 °C

DASY Configuration:

- Probe: EX3DV4 - SN3974; ConvF(5.55, 5.55, 5.55) @ 5300 MHz; Calibrated: 2020/12/18
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 23.0$
- Electronics: DAE4 Sn1423; Calibrated: 2020/12/11
- 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) = 11.3 W/kg

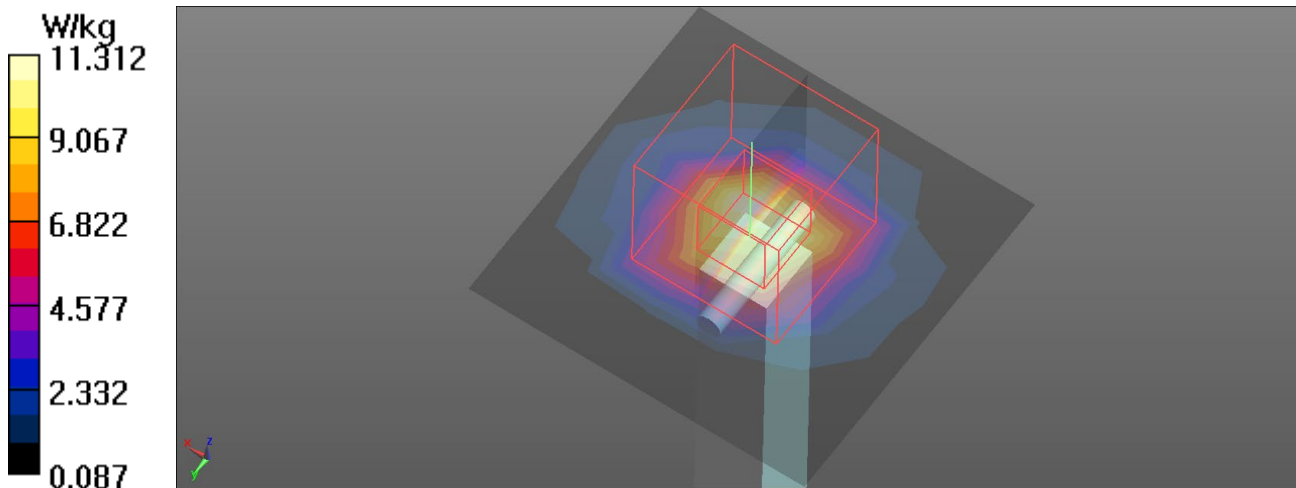
Zoom Scan (7x7x12)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=2$ mm

Reference Value = 60.62 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 32.8 W/kg

SAR(1 g) = 7.59 W/kg; SAR(10 g) = 2.17 W/kg

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



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Date: 2020/2/9

System Check_H5500_0209**DUT: Dipole D5GHzV2;SN:1160;**

Communication System: UID 0, CW (0); Frequency: 5500 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5500$ MHz; $\sigma = 4.965$ S/m; $\epsilon_r = 35.541$; $\rho = 1000$ kg/m³

Ambient Temperature: 23.3 °C; Liquid Temperature: 22.1 °C

DASY Configuration:

- Probe: EX3DV4 - SN3974; ConvF(5.1, 5.1, 5.1) @ 5500 MHz; Calibrated: 2020/12/18
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 23.0$
- Electronics: DAE4 Sn1423; Calibrated: 2020/12/11
- 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) = 12.2 W/kg

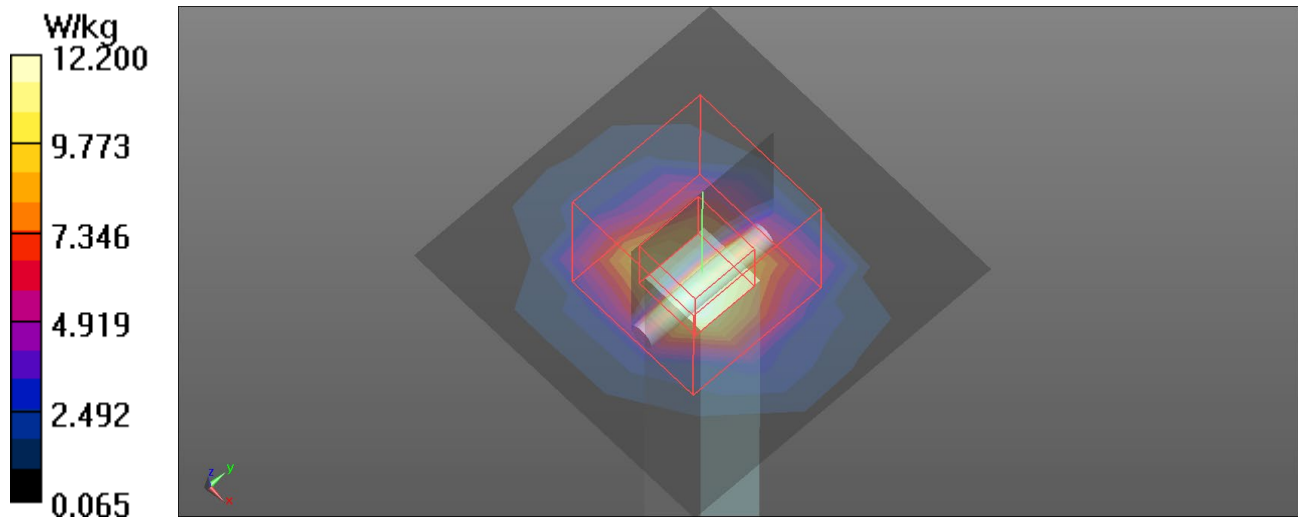
Zoom Scan (7x7x12)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=2$ mm

Reference Value = 60.50 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 36.3 W/kg

SAR(1 g) = 7.93 W/kg; SAR(10 g) = 2.26 W/kg

Maximum value of SAR (measured) = 16.9 W/kg



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System Check_H5600_0209**DUT: Dipole D5GHzV2;SN:1160;**

Communication System: UID 0, CW (0); Frequency: 5600 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5600$ MHz; $\sigma = 5.098$ S/m; $\epsilon_r = 35.264$; $\rho = 1000$ kg/m³

Ambient Temperature: 23.3 °C; Liquid Temperature: 22.1 °C

DASY Configuration:

- Probe: EX3DV4 - SN3974; ConvF(4.94, 4.94, 4.94) @ 5600 MHz; Calibrated: 2020/12/18
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 23.0$
- Electronics: DAE4 Sn1423; Calibrated: 2020/12/11
- 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) = 12.0 W/kg

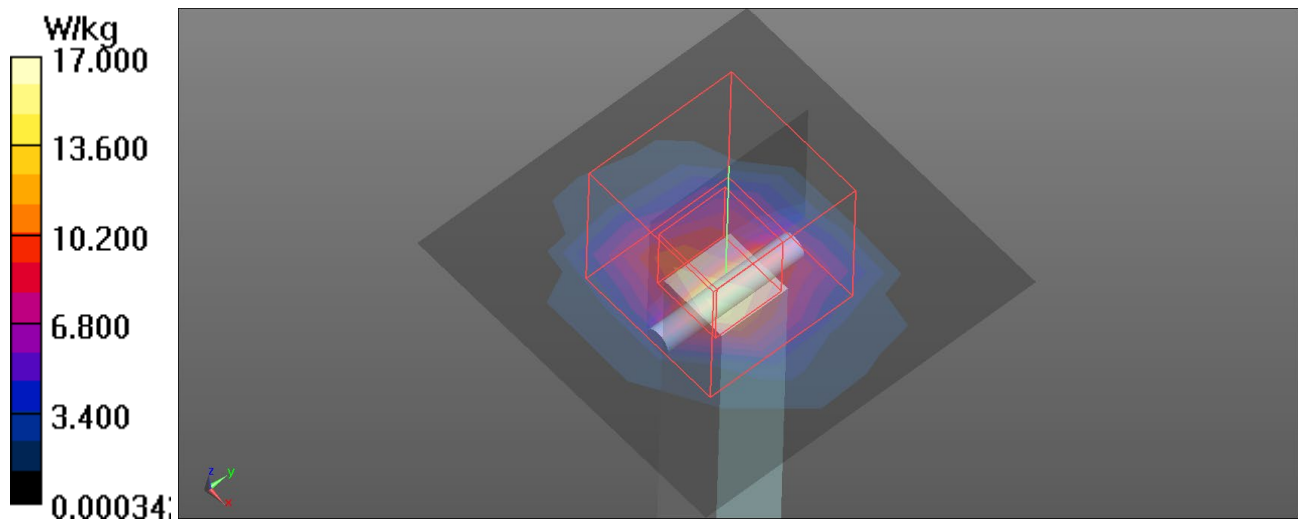
Zoom Scan (7x7x12)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=2$ mm

Reference Value = 59.86 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 37.3 W/kg

SAR(1 g) = 7.86 W/kg; SAR(10 g) = 2.22 W/kg

Maximum value of SAR (measured) = 17.0 W/kg



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System Check_H5800_0209**DUT: Dipole D5GHzV2;SN;1160;**

Communication System: UID 0, CW (0); Frequency: 5800 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5800$ MHz; $\sigma = 5.379$ S/m; $\epsilon_r = 34.799$; $\rho = 1000$ kg/m³

Ambient Temperature: 23.3 °C; Liquid Temperature: 22.1 °C

DASY Configuration:

- Probe: EX3DV4 - SN3974; ConvF(5.07, 5.07, 5.07) @ 5800 MHz; Calibrated: 2020/12/18
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 23.0$
- Electronics: DAE4 Sn1423; Calibrated: 2020/12/11
- 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) = 11.4 W/kg

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

Reference Value = 57.72 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 37.6 W/kg

SAR(1 g) = 7.74 W/kg; SAR(10 g) = 2.21 W/kg

Maximum value of SAR (measured) = 16.6 W/kg

