Test Laboratory: BTL Inc.   Date: 2019/9/21

System Check_H750_0921

DUT: Dipole 750 MHz D750V3;SN:1095;
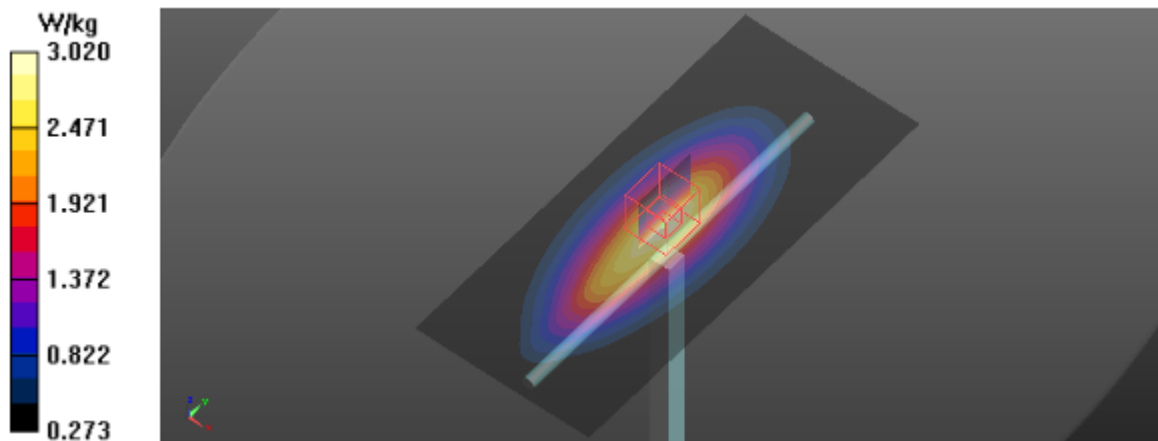
Communication System: UID 0, CW (0); Frequency: 750 MHz; Duty Cycle: 1:1
Medium parameters used: f = 750 MHz; σ = 0.895 S/m; εr = 41.493; ρ = 1000 kg/m3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.4 ℃

DASY Configuration:

- Probe: EX3DV4 - SN3685; ConvF(8.74, 8.74, 8.74) @ 750 MHz; Calibrated: 2019/1/24

- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 1.0, 31.0

- Electronics: DAE3 Sn420; Calibrated: 2019/6/21

- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1222

- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Area Scan (7x15x1): Interpolated grid: dx=15 mm, dy=15 mm
Maximum value of SAR (interpolated) = 3.02 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 56.62 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 3.42 W/kg
SAR(1 g) = 2.21 W/kg; SAR(10 g) = 1.47 W/kg
Maximum value of SAR (measured) = 3.02 W/kg

Test Laboratory: BTL Inc.   Date: 2019/9/22

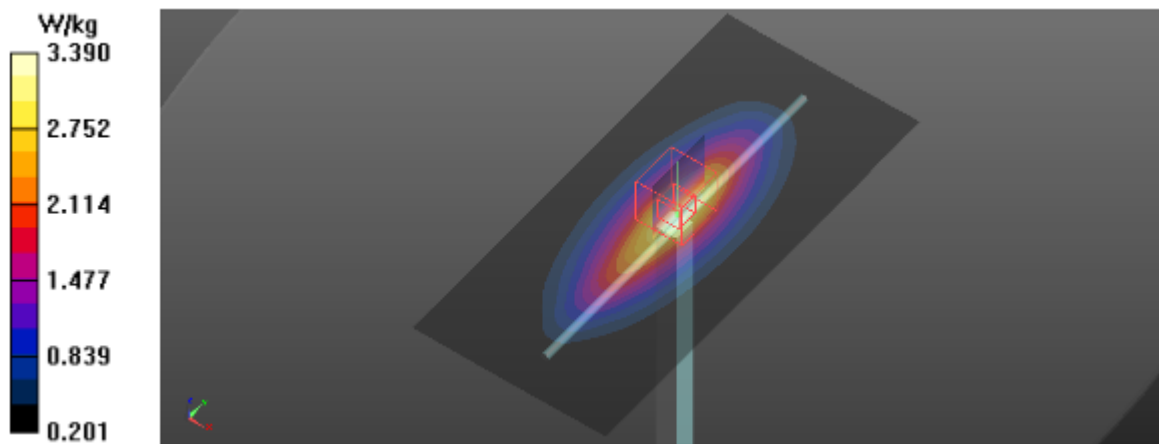**System Check_H835_0922**

DUT: Dipole 835 MHz D835V2;

Communication System: UID 0, CW (0); Frequency: 835 MHz; Duty Cycle: 1:1
Medium parameters used: f = 835 MHz; σ = 0.934 S/m; εr = 42.907; ρ = 1000 kg/m3
Ambient Temperature：23.1 ℃; Liquid Temperature：22.5 ℃

DASY Configuration:

- Probe: EX3DV4 - SN3685; ConvF(8.57, 8.57, 8.57) @ 835 MHz; Calibrated: 2019/3/25

- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 1.0, 31.0

- Electronics: DAE3 Sn420; Calibrated: 2019/6/21

- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1222

- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Area Scan (7x14x1): Interpolated grid: dx=15 mm, dy=15 mm
Maximum value of SAR (interpolated) = 3.39 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 58.42 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 3.94 W/kg
SAR(1 g) = 2.34 W/kg; SAR(10 g) = 1.51 W/kg
Maximum value of SAR (measured) = 3.39 W/kg

Test Laboratory: BTL Inc.   Date: 2019/9/30

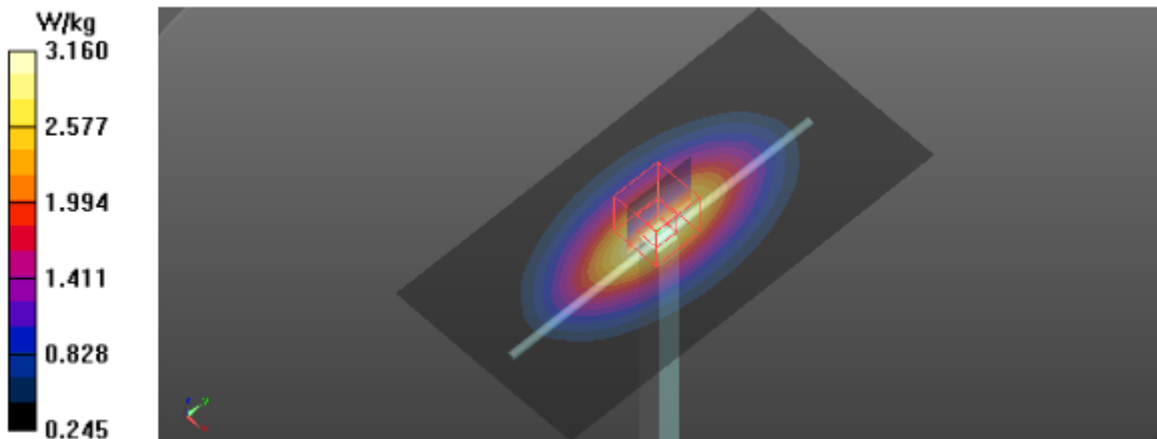**System Check_H900_0930**

DUT: Dipole 900 MHz D900V2;

Communication System: UID 0, CW (0); Frequency: 900 MHz; Duty Cycle: 1:1
Medium parameters used: f = 900 MHz; σ = 0.947 S/m; εr = 41.444; ρ = 1000 kg/m3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.4 ℃

DASY Configuration:

- Probe: EX3DV4 - SN7544; ConvF(10.14, 10.14, 10.14) @ 900 MHz; Calibrated: 2019/9/9

- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 1.0, 31.0

- Electronics: DAE4 Sn878; Calibrated: 2018/12/12

- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1222

- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Area Scan (7x13x1): Interpolated grid: dx=15 mm, dy=15 mm
Maximum value of SAR (interpolated) = 3.19 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 59.20 V/m; Power Drift = -0.10 dB
Peak SAR (extrapolated) = 3.75 W/kg
SAR(1 g) = 2.51 W/kg; SAR(10 g) = 1.6 W/kg
Maximum value of SAR (measured) = 3.16 W/kg

Test Laboratory: BTL Inc.   Date: 2019/9/21

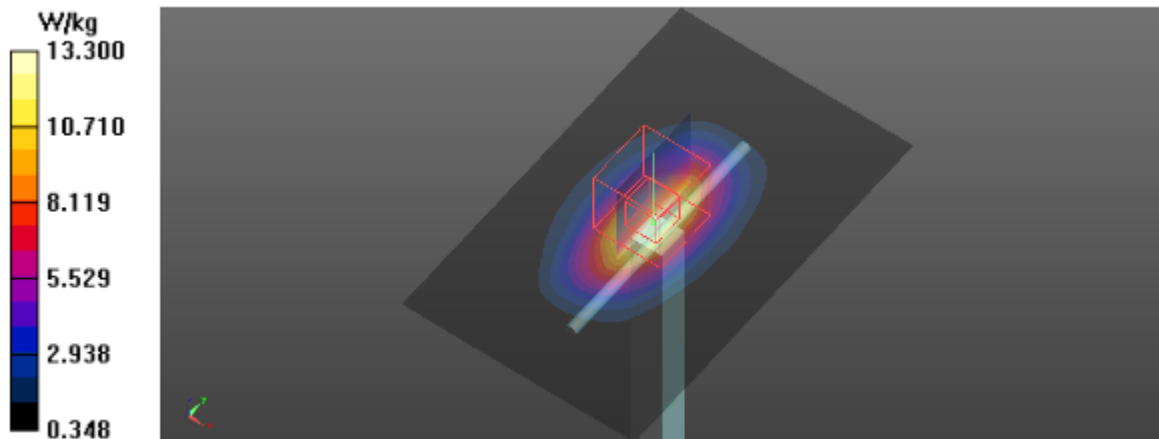**System Check_H1750_0921**

DUT: Dipole 1750 MHz D1750V2;

Communication System: UID 0, CW (0); Frequency: 1750 MHz; Duty Cycle: 1:1
Medium parameters used: f = 1750 MHz; σ = 1.398 S/m; εr = 39.355; ρ = 1000 kg/m3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.3 ℃

DASY Configuration:

- Probe: EX3DV4 - SN3685; ConvF(7.5, 7.5, 7.5) @ 1750 MHz; Calibrated: 2019/3/25

- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 1.0, 31.0

- Electronics: DAE3 Sn420; Calibrated: 2019/6/21

- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1222

- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Area Scan (6x9x1): Interpolated grid: dx=15 mm, dy=15 mm
Maximum value of SAR (interpolated) = 13.5 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 94.13 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 15.4 W/kg
SAR(1 g) = 9.02 W/kg; SAR(10 g) = 4.96 W/kg
Maximum value of SAR (measured) = 13.3 W/kg

Test Laboratory: BTL Inc.   Date: 2019/10/9

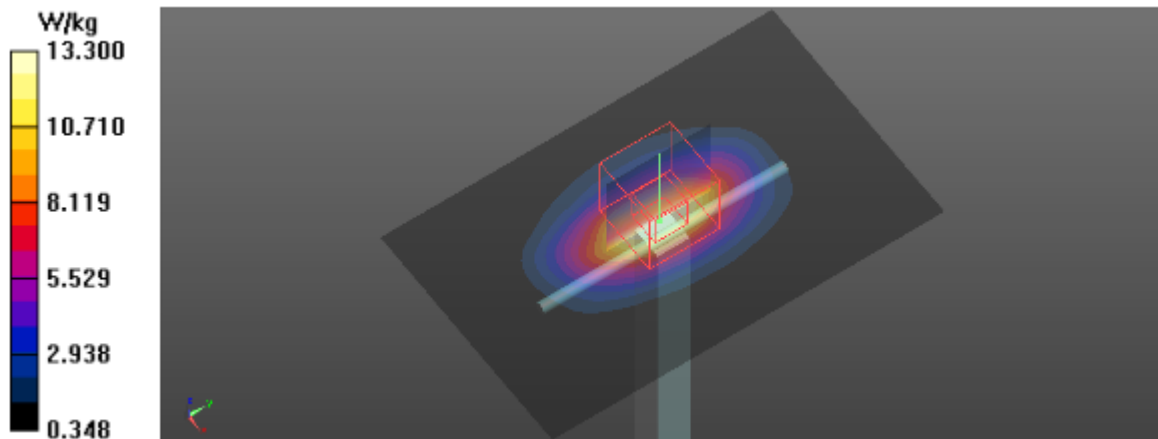**System Check_H1750_1009**

DUT: Dipole 1750 MHz D1750V2;

Communication System: UID 0, CW (0); Frequency: 1750 MHz; Duty Cycle: 1:1
Medium parameters used: f = 1750 MHz; σ = 1.399 S/m; εr = 39.346; ρ = 1000 kg/m3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.4 ℃

DASY Configuration:

- Probe: EX3DV4 - SN7544; ConvF(8.54, 8.54, 8.54) @ 1750 MHz; Calibrated: 2019/9/9

- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 1.0, 31.0

- Electronics: DAE4 Sn878; Calibrated: 2018/12/12

- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1222

- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Area Scan (6x9x1): Interpolated grid: dx=15 mm, dy=15 mm
Maximum value of SAR (interpolated) = 13.5 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 94.13 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 15.4 W/kg
SAR(1 g) = 9.08 W/kg; SAR(10 g) = 5.01 W/kg
Maximum value of SAR (measured) = 13.3 W/kg

Test Laboratory: BTL Inc.   Date: 2019/9/19

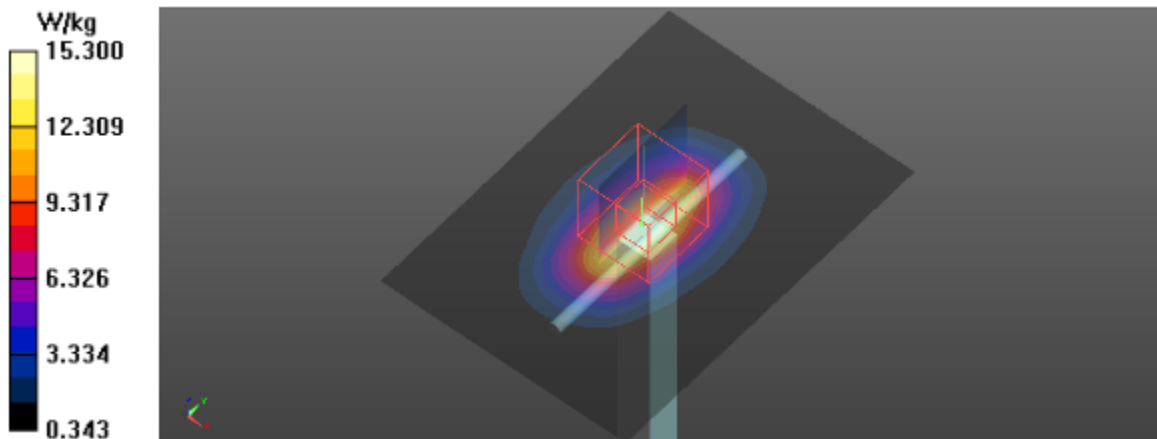**System Check_H1900_0919**

DUT: Dipole 1900 MHz D1900V2;

Communication System: UID 0, CW (0); Frequency: 1900 MHz; Duty Cycle: 1:1
Medium parameters used: f = 1900 MHz; σ = 1.38 S/m; εr = 39.598; ρ = 1000 kg/m3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.4 ℃

DASY Configuration:

- Probe: EX3DV4 - SN3685; ConvF(7.21, 7.21, 7.21) @ 1900 MHz; Calibrated: 2019/3/25

- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 1.0, 31.0

- Electronics: DAE3 Sn420; Calibrated: 2019/6/21

- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1222

- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Area Scan (6x8x1): Interpolated grid: dx=15 mm, dy=15 mm
Maximum value of SAR (interpolated) = 16.5 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 102.4 V/m; Power Drift = 0.00 dB
Peak SAR (extrapolated) = 18.0 W/kg
SAR(1 g) = 10 W/kg; SAR(10 g) = 5.35 W/kg
Maximum value of SAR (measured) = 15.3 W/kg

Test Laboratory: BTL Inc.   Date: 2019/10/9

**System Check_H1900_1009**

DUT: Dipole 1900 MHz D1900V2;

Communication System: UID 0, CW (0); Frequency: 1900 MHz; Duty Cycle: 1:1
Medium parameters used: f = 1900 MHz; σ = 1.379 S/m; εr = 39.607; ρ = 1000 kg/m3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.5 ℃

DASY Configuration:

- Probe: EX3DV4 - SN7544; ConvF(8.26, 8.26, 8.26) @ 1900 MHz; Calibrated: 2019/9/9

- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 1.0, 31.0

- Electronics: DAE4 Sn878; Calibrated: 2018/12/12

- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1222

- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Area Scan (6x8x1): Interpolated grid: dx=15 mm, dy=15 mm
Maximum value of SAR (interpolated) = 11.3 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 87.59 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 16.1 W/kg
SAR(1 g) = 9.54 W/kg; SAR(10 g) = 5.36 W/kg
Maximum value of SAR (measured) = 10.5 W/kg
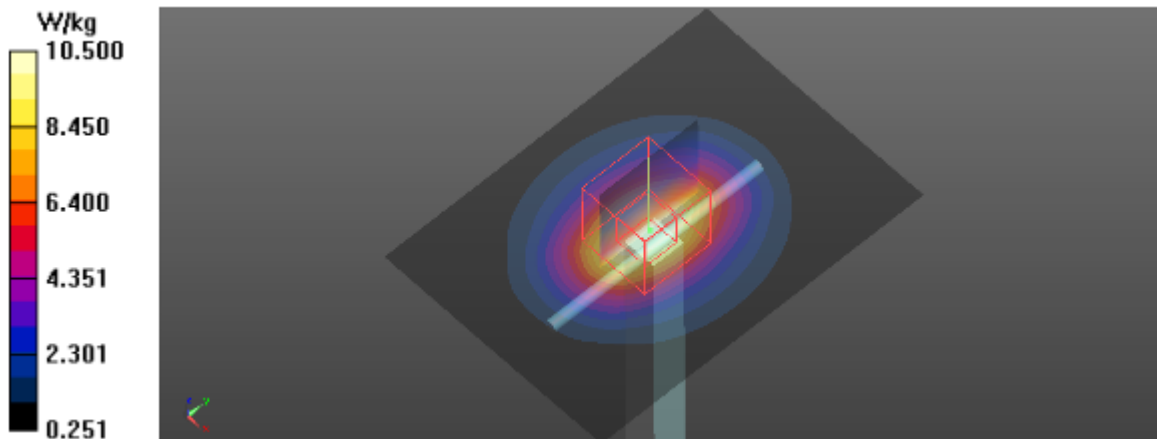
Test Laboratory: BTL Inc.   Date: 2019/9/23

**System Check_H2450_0923**

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; σ = 1.874 S/m; εr = 38.304; ρ = 1000 kg/m3
Ambient Temperature：23.1 ℃; Liquid Temperature：22.4 ℃

DASY Configuration:

- Probe: EX3DV4 - SN7544; ConvF(7.58, 7.58, 7.58) @ 2450 MHz; Calibrated: 2019/9/9

- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 1.0, 31.0

- Electronics: DAE4 Sn878; Calibrated: 2018/12/12

- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1222

- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Area Scan (7x7x1): Interpolated grid: dx=12 mm, dy=12 mm
Maximum value of SAR (interpolated) = 15.5 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 86.46 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 24.7 W/kg
SAR(1 g) = 12.6 W/kg; SAR(10 g) = 6.28 W/kg
Maximum value of SAR (measured) = 14.0 W/kg
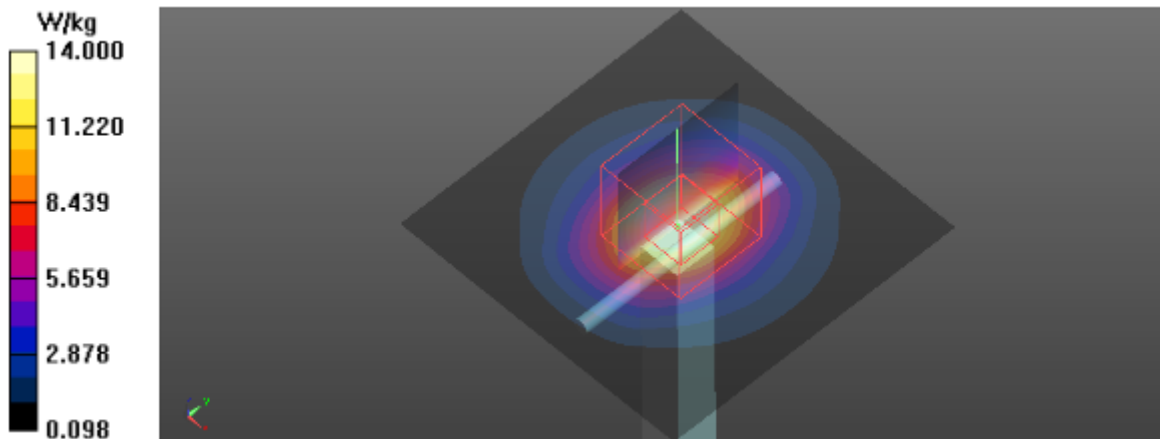
Test Laboratory: BTL Inc.   Date: 2019/10/9

**System Check_H2600_1009**

DUT: Dipole 2600 MHz D2600V2;

Communication System: UID 0, CW (0); Frequency: 2600 MHz; Duty Cycle: 1:1
Medium parameters used: f = 2600 MHz; σ = 2.048 S/m; εr = 37.722; ρ = 1000 kg/m3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.5 ℃

DASY Configuration:

- Probe: EX3DV4 - SN3685; ConvF(6.47, 6.47, 6.47) @ 2600 MHz; Calibrated: 2019/3/25

- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 1.0, 31.0

- Electronics: DAE3 Sn420; Calibrated: 2019/6/21

- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1222

- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Area Scan (6x8x1): Interpolated grid: dx=12 mm, dy=12 mm
Maximum value of SAR (interpolated) = 25.6 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 93.73 V/m; Power Drift = -0.07 dB
Peak SAR (extrapolated) = 29.2 W/kg
SAR(1 g) = 13.9 W/kg; SAR(10 g) = 6.24 W/kg
Maximum value of SAR (measured) = 23.4 W/kg
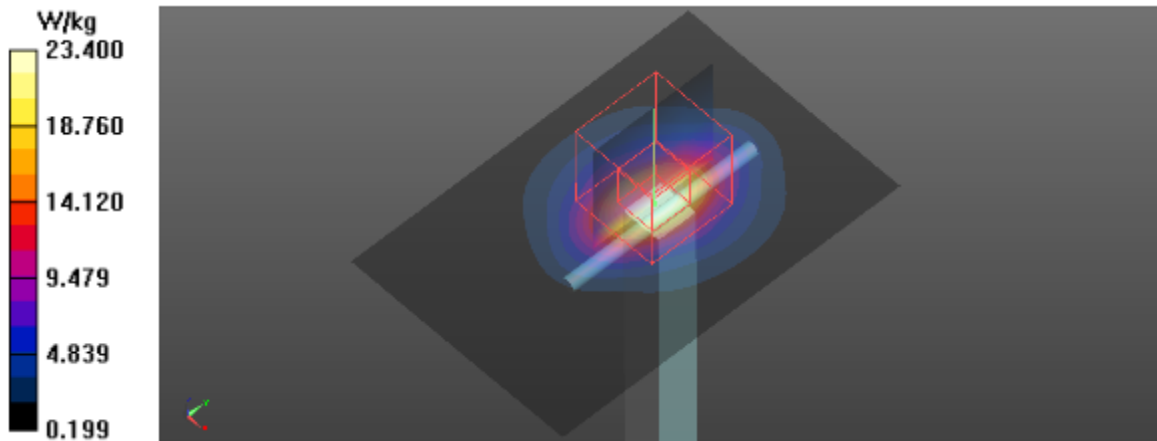
Test Laboratory: BTL Inc.　　　　Date: 2019/9/27

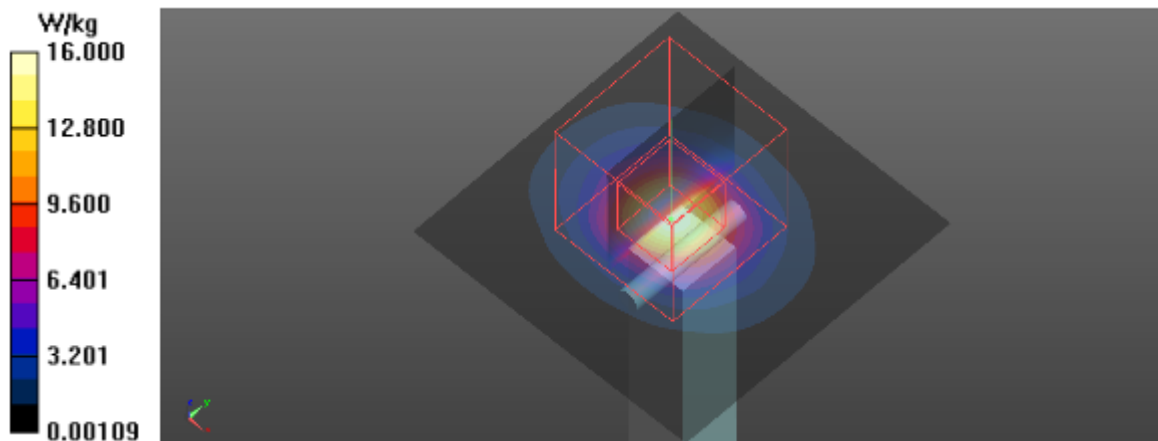**System Check_H5200_0927**

DUT: Dipole D5GHzV2;SN;1160;

Communication System: UID 0, CW (0); Frequency: 5200 MHz; Duty Cycle: 1:1
Medium parameters used: f = 5200 MHz; σ = 4.7 S/m; εr = 36.164; ρ = 1000 kg/m3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.3 ℃

DASY Configuration:

- Probe: EX3DV4 - SN7544; ConvF(5.54, 5.54, 5.54) @ 5200 MHz; Calibrated: 2019/9/9

- Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 23.0

- Electronics: DAE4 Sn878; Calibrated: 2018/12/12

- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1222

- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Area Scan (6x6x1): Interpolated grid: dx=10 mm, dy=10 mm
Maximum value of SAR (interpolated) = 16.2 W/kg

Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 60.32 V/m; Power Drift = 0.10 dB
Peak SAR (extrapolated) = 33.0 W/kg
SAR(1 g) = 7.56 W/kg; SAR(10 g) = 2.19 W/kg
Maximum value of SAR (measured) = 16.0 W/kg

Test Laboratory: BTL Inc.   Date: 2019/9/27

System Check_H5300_0927

DUT: Dipole D5GHzV2;SN;1160;
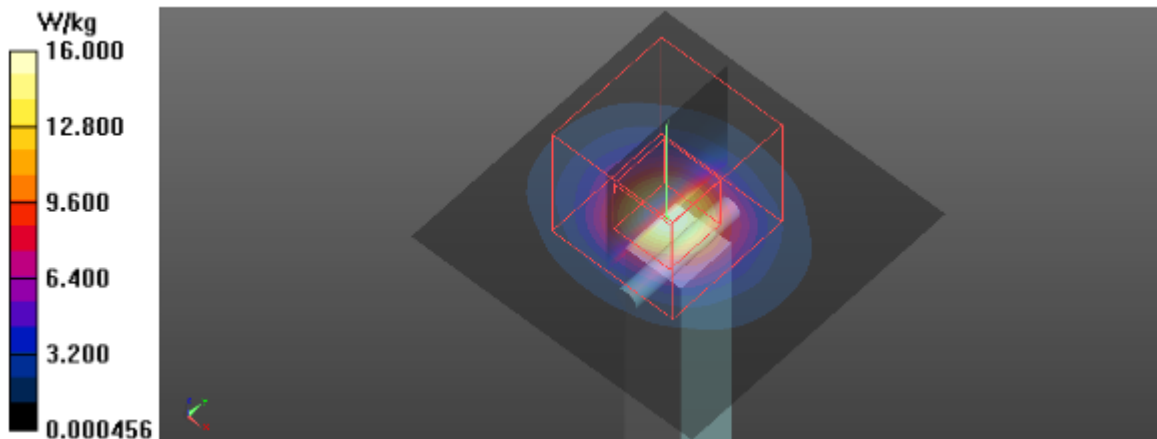
Communication System: UID 0, CW (0); Frequency: 5300 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): f = 5300 MHz; σ = 4.813 S/m; εr = 35.914; ρ = 1000 kg/m3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.3 ℃

DASY Configuration:

- Probe: EX3DV4 - SN7544; ConvF(5.21, 5.21, 5.21) @ 5300 MHz; Calibrated: 2019/9/9

- Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 23.0

- Electronics: DAE4 Sn878; Calibrated: 2018/12/12

- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1222

- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Area Scan (6x6x1): Interpolated grid: dx=10 mm, dy=10 mm
Maximum value of SAR (interpolated) = 16.4 W/kg

Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 59.43 V/m; Power Drift = 0.13 dB
Peak SAR (extrapolated) = 33.7 W/kg
SAR(1 g) = 7.52 W/kg; SAR(10 g) = 2.17 W/kg
Maximum value of SAR (measured) = 16.0 W/kg

Test Laboratory: BTL Inc.   Date: 2019/9/27
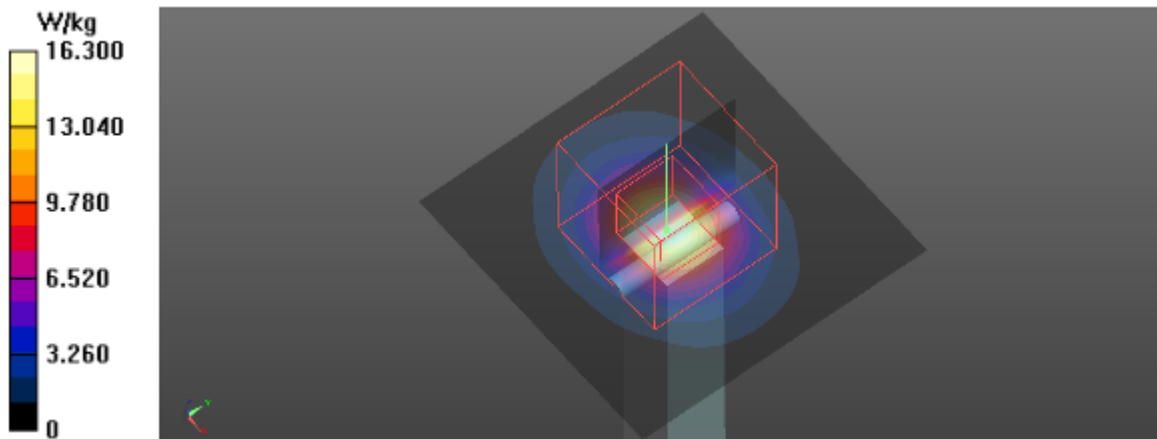
System Check_H5500_0927

DUT: Dipole D5GHzV2;

Communication System: UID 0, CW (0); Frequency: 5500 MHz; Duty Cycle: 1:1
Medium parameters used: f = 5500 MHz; σ = 5.037 S/m; εr = 35.468; ρ = 1000 kg/m3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.3 ℃

DASY Configuration:

- Probe: EX3DV4 - SN7544; ConvF(4.95, 4.95, 4.95) @ 5500 MHz; Calibrated: 2019/9/9

- Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 23.0

- Electronics: DAE4 Sn878; Calibrated: 2018/12/12

- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1222

- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Area Scan (6x6x1): Interpolated grid: dx=10 mm, dy=10 mm
Maximum value of SAR (interpolated) = 16.7 W/kg

Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 59.46 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 36.8 W/kg
SAR(1 g) = 7.72 W/kg; SAR(10 g) = 2.21 W/kg
Maximum value of SAR (measured) = 16.3 W/kg

Test Laboratory: BTL Inc.　　　Date: 2019/9/27

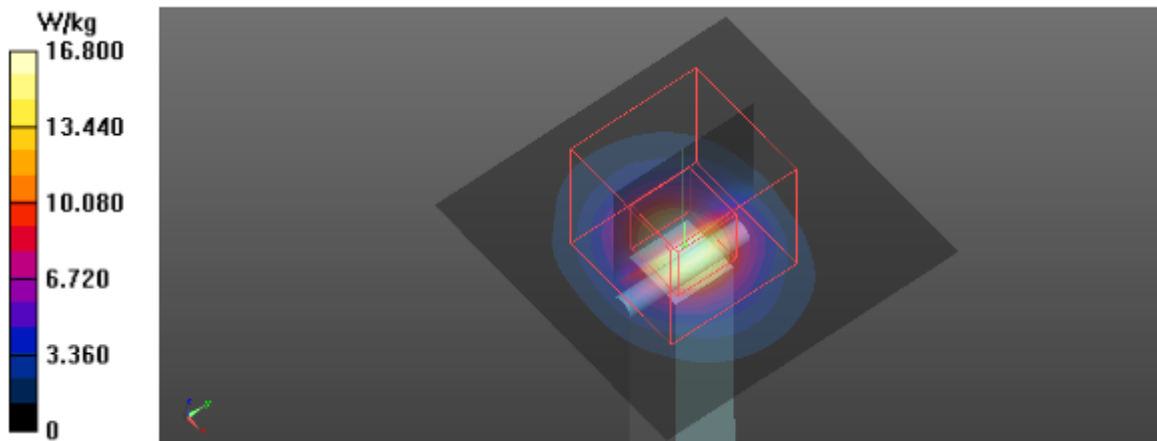**System Check_H5600_0927**

DUT: Dipole D5GHzV2;

Communication System: UID 0, CW (0); Frequency: 5600 MHz; Duty Cycle: 1:1
Medium parameters used: f = 5600 MHz; σ = 5.155 S/m; εr = 35.239; ρ = 1000 kg/m3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.3 ℃

DASY Configuration:

- Probe: EX3DV4 - SN7544; ConvF(4.81, 4.81, 4.81) @ 5600 MHz; Calibrated: 2019/9/9

- Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 23.0

- Electronics: DAE4 Sn878; Calibrated: 2018/12/12

- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1222

- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Area Scan (6x6x1): Interpolated grid: dx=10 mm, dy=10 mm
Maximum value of SAR (interpolated) = 16.4 W/kg

Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 55.97 V/m; Power Drift = -0.15 dB
Peak SAR (extrapolated) = 37.6 W/kg
SAR(1 g) = 7.85 W/kg; SAR(10 g) = 2.22 W/kg
Maximum value of SAR (measured) = 16.8 W/kg

Test Laboratory: BTL Inc.   Date: 2019/9/27

System Check_H5800_0927

DUT: Dipole D5GHzV2;SN;1160;

Communication System: UID 0, CW (0); Frequency: 5800 MHz; Duty Cycle: 1:1
Medium parameters used: f = 5800 MHz; σ = 5.408 S/m; εr = 34.799; ρ = 1000 kg/m3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.3 ℃

DASY Configuration:

- Probe: EX3DV4 - SN7544; ConvF(4.75, 4.75, 4.75) @ 5800 MHz; Calibrated: 2019/9/9

- Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 23.0

- Electronics: DAE4 Sn878; Calibrated: 2018/12/12

- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1222

- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Area Scan (6x6x1): Interpolated grid: dx=10 mm, dy=10 mm
Maximum value of SAR (interpolated) = 16.3 W/kg

Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 56.53 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 37.8 W/kg
SAR(1 g) = 7.47 W/kg; SAR(10 g) = 2.11 W/kg
Maximum value of SAR (measured) = 16.2 W/kg