

Test Laboratory: BTL Inc.

Date: 2017/2/22

System Check_B750_0222

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; $\sigma = 0.963$ S/m; $\epsilon_r = 56.33$; $\rho = 1000$ kg/m³

Ambient Temperature: 23.2 °C; Liquid Temperature: 22.5 °C

DASY Configuration:

- Probe: EX3DV4 - SN3753; ConvF(9.42, 9.42, 9.42); Calibrated: 2016/5/11;
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1390; Calibrated: 2016/9/22
- Phantom: SAM Front; Type: Twin SAM; Serial: 1784
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

Area Scan (7x14x1): Interpolated grid: dx=15 mm, dy=15 mm

Maximum value of SAR (interpolated) = 2.39 W/kg

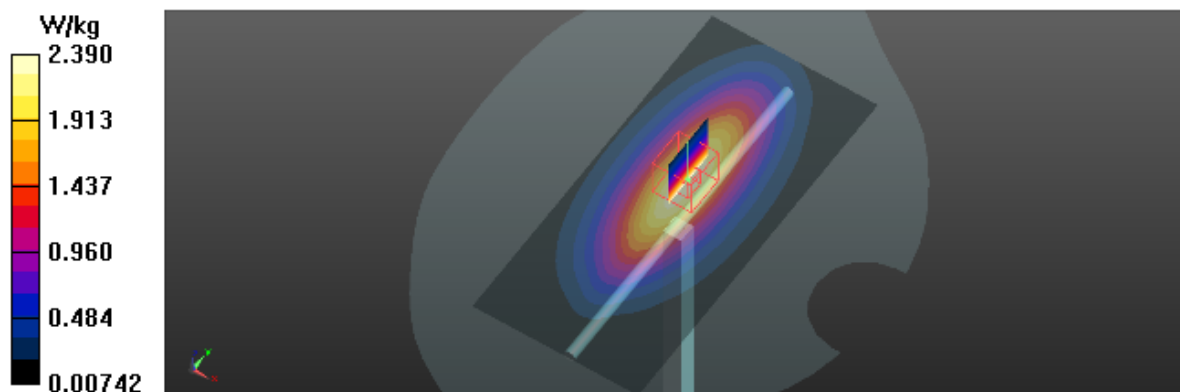
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 52.20 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 3.02 W/kg

SAR(1 g) = 2.18 W/kg; SAR(10 g) = 1.49 W/kg

Maximum value of SAR (measured) = 2.34 W/kg



Test Laboratory: BTL Inc.

Date: 2017/3/3

System Check_B750_0303

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; $\sigma = 0.966$ S/m; $\epsilon_r = 56.29$; $\rho = 1000$ kg/m³

Ambient Temperature: 23.5 °C; Liquid Temperature: 22.2 °C

DASY Configuration:

- Probe: EX3DV4 - SN3753; ConvF(9.42, 9.42, 9.42); Calibrated: 2016/5/11;
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1390; Calibrated: 2016/9/22
- Phantom: SAM Front; Type: Twin SAM; Serial: 1784
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

Area Scan (7x14x1): Interpolated grid: dx=15 mm, dy=15 mm

Maximum value of SAR (interpolated) = 2.27 W/kg

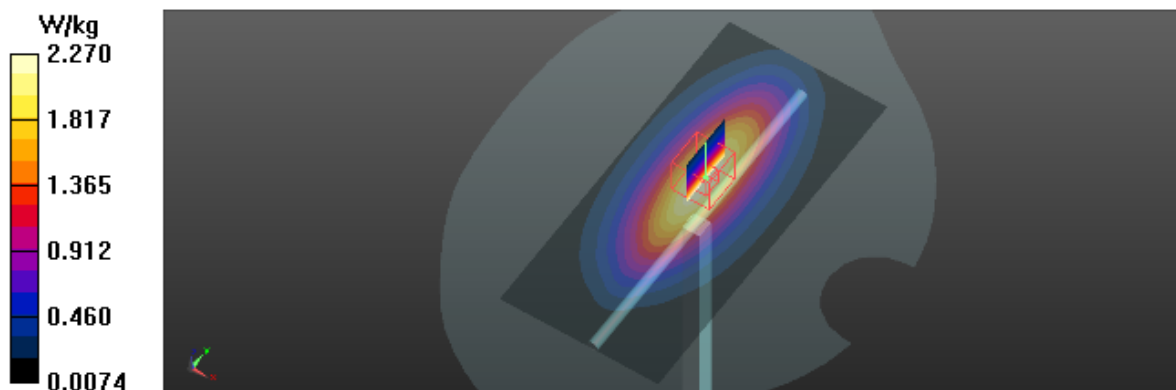
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 51.32 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 2.89 W/kg

SAR(1 g) = 2.07 W/kg; SAR(10 g) = 1.42 W/kg

Maximum value of SAR (measured) = 2.22 W/kg



Test Laboratory: BTL Inc.

Date: 2017/2/19

System Check_B835_0219

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

Communication System: UID 0, CW (0); Frequency: 835 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 835$ MHz; $\sigma = 0.965$ S/m; $\epsilon_r = 54.27$; $\rho = 1000$ kg/m³

Ambient Temperature: 23.1 °C; Liquid Temperature: 22.5 °C

DASY Configuration:

- Probe: EX3DV4 - SN3753; ConvF(9.27, 9.27, 9.27); Calibrated: 2016/5/11;
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1390; Calibrated: 2016/9/22
- Phantom: SAM Front; Type: Twin SAM; Serial: 1784
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

Area Scan (7x12x1): Interpolated grid: dx=15 mm, dy=15 mm

Maximum value of SAR (interpolated) = 2.60 W/kg

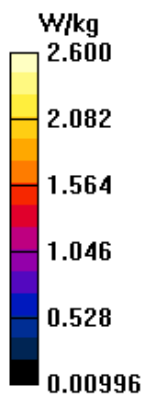
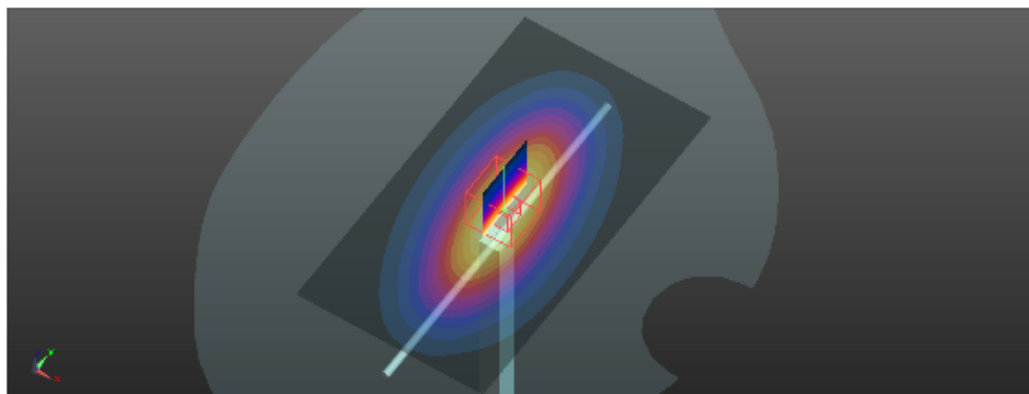
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 55.12 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 3.47 W/kg

SAR(1 g) = 2.39 W/kg; SAR(10 g) = 1.6 W/kg

Maximum value of SAR (measured) = 2.58 W/kg



Test Laboratory: BTL Inc.

Date: 2017/3/2

System Check_B835_0302

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

Communication System: UID 0, CW (0); Frequency: 835 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 835$ MHz; $\sigma = 0.967$ S/m; $\epsilon_r = 54.33$; $\rho = 1000$ kg/m³

Ambient Temperature: 23.4 °C; Liquid Temperature: 22.1 °C

DASY Configuration:

- Probe: EX3DV4 - SN7340; ConvF(9.91, 9.91, 9.91); Calibrated: 2016/12/27;
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1390; Calibrated: 2016/9/22
- Phantom: SAM Front; Type: Twin SAM; Serial: 1784
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

Area Scan (7x12x1): Interpolated grid: dx=15 mm, dy=15 mm

Maximum value of SAR (interpolated) = 2.55 W/kg

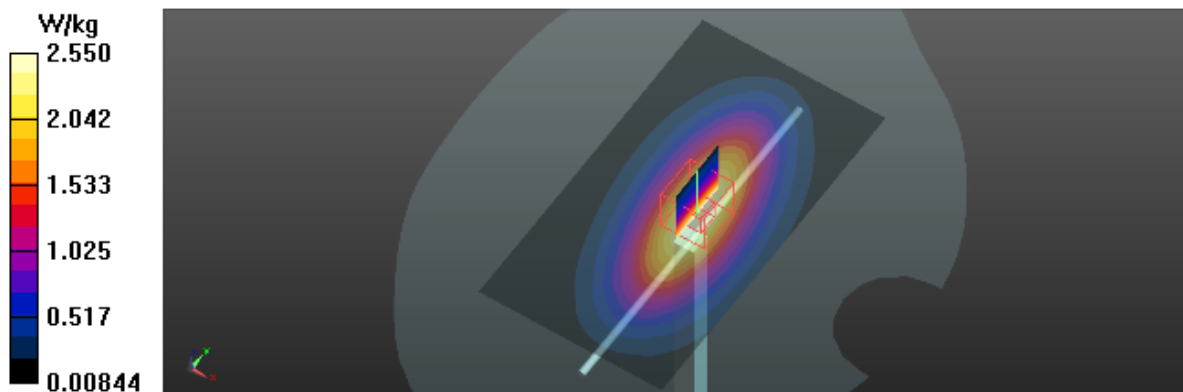
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 54.77 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 3.43 W/kg

SAR(1 g) = 2.36 W/kg; SAR(10 g) = 1.58 W/kg

Maximum value of SAR (measured) = 2.55 W/kg



Test Laboratory: BTL Inc.

Date: 2017/2/21

System Check_B1750_0221

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; $\sigma = 1.479$ S/m; $\epsilon_r = 52.4$; $\rho = 1000$ kg/m³

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

DASY Configuration:

- Probe: EX3DV4 - SN3753; ConvF(7.85, 7.85, 7.85); Calibrated: 2016/5/11;
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1390; Calibrated: 2016/9/22
- Phantom: SAM Front; Type: Twin SAM; Serial: 1784
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

Area Scan (5x7x1): Interpolated grid: dx=15 mm, dy=15 mm

Maximum value of SAR (interpolated) = 10.7 W/kg

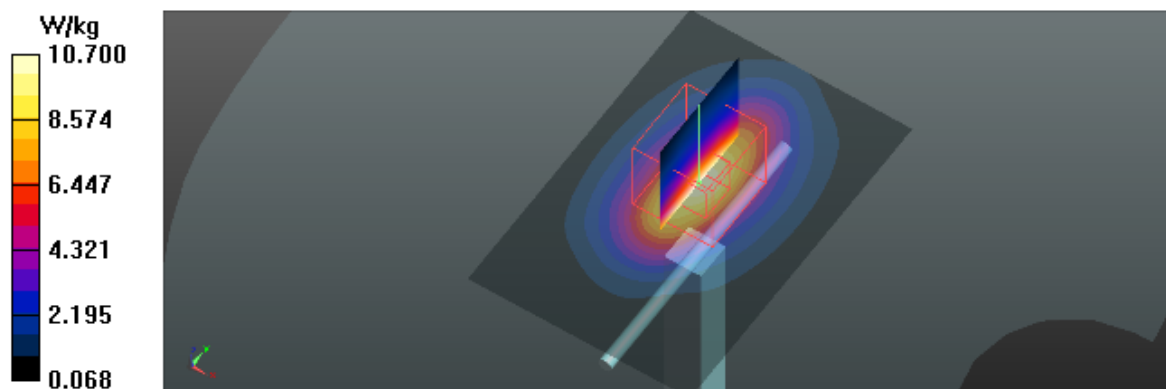
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 91.47 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 15.1 W/kg

SAR(1 g) = 8.96 W/kg; SAR(10 g) = 4.97 W/kg

Maximum value of SAR (measured) = 10.0 W/kg



Test Laboratory: BTL Inc.

Date: 2017/2/20

System Check_B1900_0220

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; $\sigma = 1.541$ S/m; $\epsilon_r = 53.59$; $\rho = 1000$ kg/m³

Ambient Temperature: 23.3 °C; Liquid Temperature: 22.4 °C

DASY Configuration:

- Probe: EX3DV4 - SN3753; ConvF(7.59, 7.59, 7.59); Calibrated: 2016/5/11;
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1390; Calibrated: 2016/9/22
- Phantom: SAM Right; Type: Twin SAM; Serial: 1896
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

Area Scan (5x6x1): Interpolated grid: dx=15 mm, dy=15 mm

Maximum value of SAR (interpolated) = 11.9 W/kg

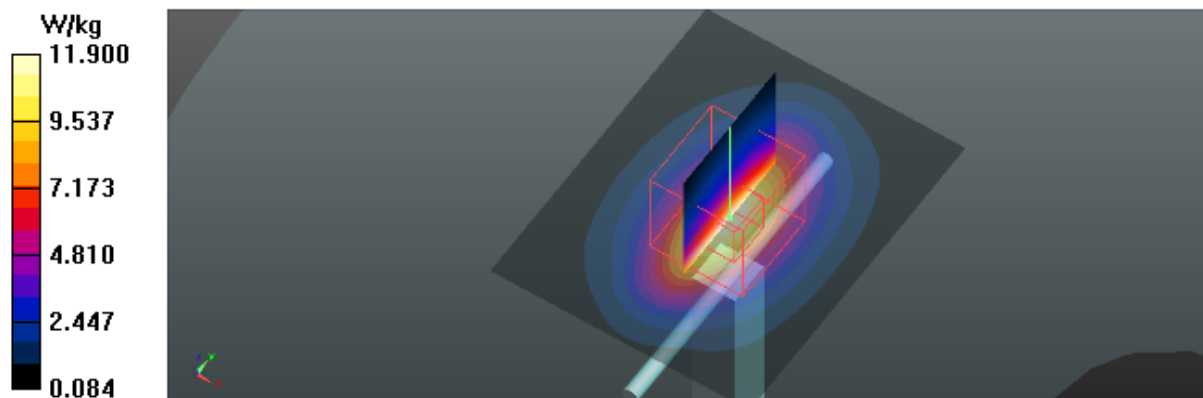
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 95.57 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 17.3 W/kg

SAR(1 g) = 9.94 W/kg; SAR(10 g) = 5.35 W/kg

Maximum value of SAR (measured) = 11.2 W/kg



Test Laboratory: BTL Inc.

Date: 2017/2/23

System Check_B2450_0223

DUT: Dipole 2450 MHz D2450V2;SN:919;

Communication System: UID 0, CW (0); Frequency: 2450 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2450$ MHz; $\sigma = 1.965$ S/m; $\epsilon_r = 53.2$; $\rho = 1000$ kg/m³

Ambient Temperature: 23.2 °C; Liquid Temperature: 22.6 °C

DASY Configuration:

- Probe: EX3DV4 - SN3753; ConvF(7.28, 7.28, 7.28); Calibrated: 2016/5/11;
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1390; Calibrated: 2016/9/22
- Phantom: SAM Right; Type: Twin SAM; Serial: 1896
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

Area Scan (6x8x1): Interpolated grid: $dx=12$ mm, $dy=12$ mm

Maximum value of SAR (interpolated) = 15.8 W/kg

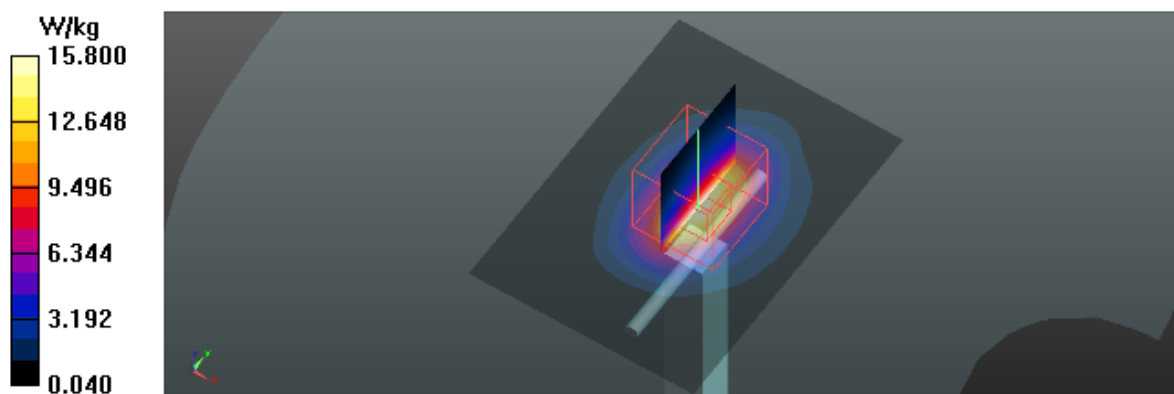
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 96.63 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 25.1 W/kg

SAR(1 g) = 12.5 W/kg; SAR(10 g) = 5.9 W/kg

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



Test Laboratory: BTL Inc.

Date: 2017/2/22

System Check_B2600_0222

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; $\sigma = 2.195$ S/m; $\epsilon_r = 52.42$; $\rho = 1000$ kg/m³

Ambient Temperature: 23.6 °C; Liquid Temperature: 22.5 °C

DASY Configuration:

- Probe: EX3DV4 - SN3753; ConvF(6.99, 6.99, 6.99); Calibrated: 2016/5/11;
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1390; Calibrated: 2016/9/22
- Phantom: SAM Right; Type: Twin SAM; Serial: 1896
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

Area Scan (5x6x1): Interpolated grid: $dx=12$ mm, $dy=12$ mm

Maximum value of SAR (interpolated) = 16.0 W/kg

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

Reference Value = 92.49 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 28.2 W/kg

SAR(1 g) = 13.1 W/kg; SAR(10 g) = 5.81 W/kg

Maximum value of SAR (measured) = 14.9 W/kg

