Test Laboratory: BTL Inc. Date: 2017/5/14

System Check_B750_0514

DUT: Dipole 750 MHz D750V3;SN:1095;

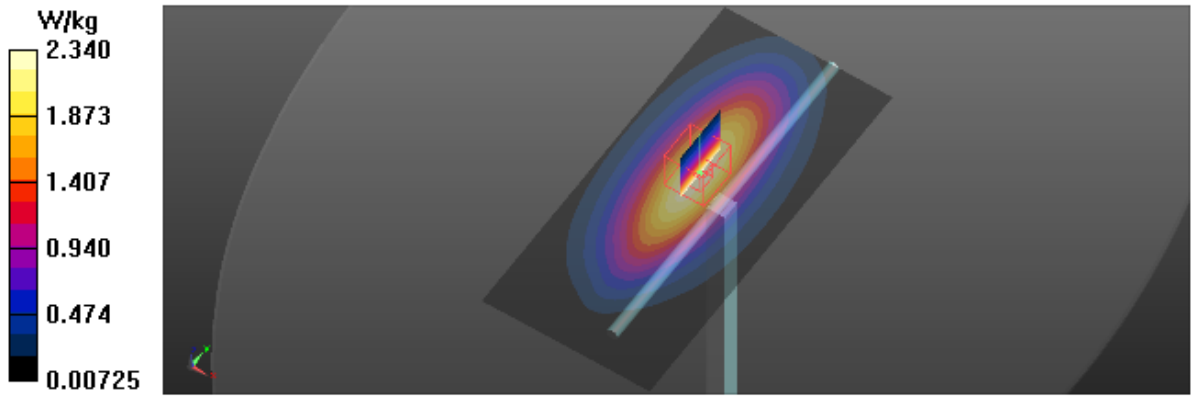
Communication System: UID 0, CW (0); Frequency: 750 MHz; Duty Cycle: 1:1
Medium parameters used: f = 750 MHz; σ = 0.97 S/m; ε_r = 56.32; ρ = 1000 kg/m^3
Ambient Temperature: 23.3 ℃; Liquid Temperature: 22.1 ℃

DASY Configuration:

- Probe: EX3DV4 - SN7383; ConvF(10.4, 10.4, 10.4); Calibrated: 2016/12/27;
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn1390; Calibrated: 2016/9/22
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1222
- 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) = 2.34 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 51.87 V/m; Power Drift = -0.09 dB
Peak SAR (extrapolated) = 2.98 W/kg
SAR(1 g) = 2.14 W/kg; SAR(10 g) = 1.47 W/kg
Maximum value of SAR (measured) = 2.30 W/kg



Test Laboratory: BTL Inc. Date: 2017/5/13

System Check_B835_0513

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

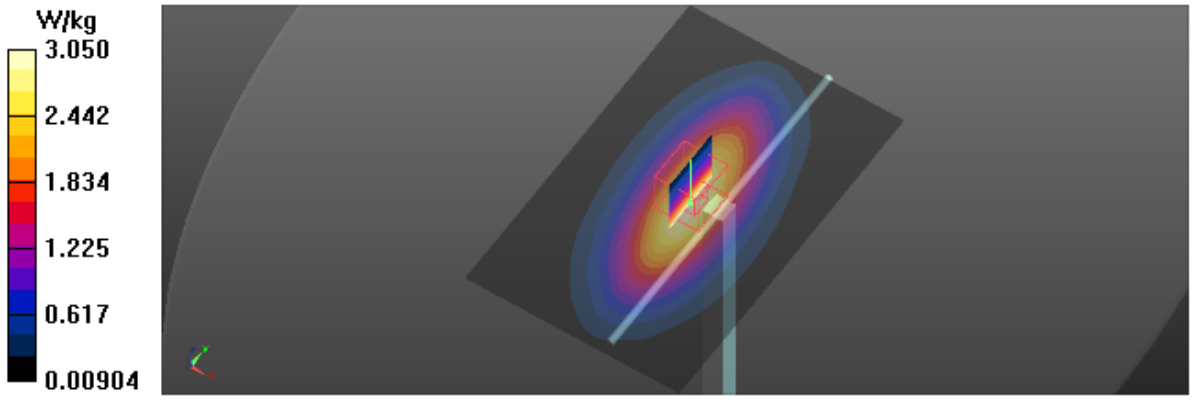
Communication System: UID 0, CW (0); Frequency: 835 MHz; Duty Cycle: 1:1
Medium parameters used: f = 835 MHz; σ = 0.968 S/m; ε_r = 54.35; ρ = 1000 kg/m^3
Ambient Temperature: 23.2 ℃; Liquid Temperature: 22.5 ℃

DASY Configuration:

- Probe: EX3DV4 - SN7383; ConvF(10.13, 10.13, 10.13); Calibrated: 2016/12/27;
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn1390; Calibrated: 2016/9/22
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1222
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

Area Scan (8x12x1): Interpolated grid: dx=15 mm, dy=15 mm
Maximum value of SAR (interpolated) = 3.05 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 56.93 V/m; Power Drift = -0.07 dB
Peak SAR (extrapolated) = 3.48 W/kg
SAR(1 g) = 2.45 W/kg; SAR(10 g) = 1.65 W/kg
Maximum value of SAR (measured) = 3.03 W/kg



Test Laboratory: BTL Inc. Date: 2015/5/12

System Check_B1750_0512

DUT: Dipole 1750 MHz D1750V2;SN:1101;

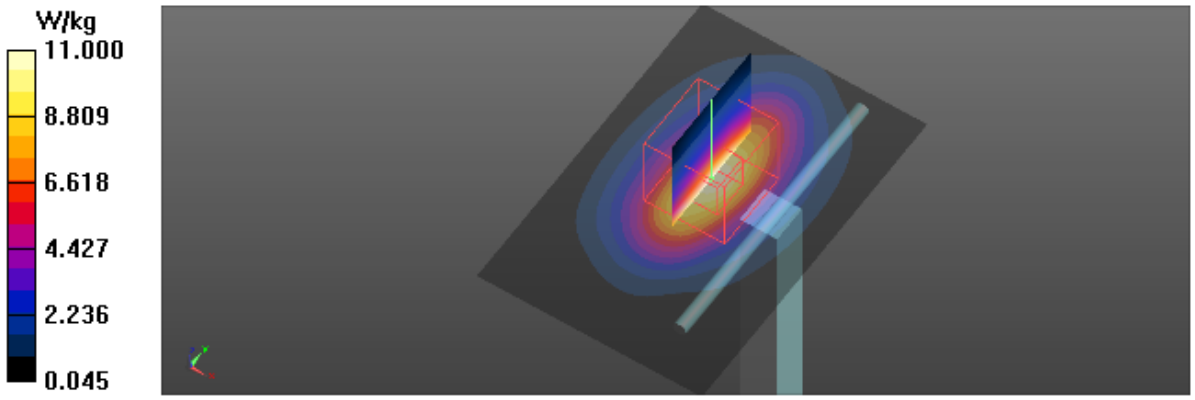
Communication System: UID 0, CW (0); Frequency: 1750 MHz; Duty Cycle: 1:1
Medium parameters used: f = 1750 MHz; σ = 1.479 S/m; ε_r = 52.25; ρ = 1000 kg/m^3
Ambient Temperature: 23.1 ℃; Liquid Temperature: 22.3 ℃

DASY Configuration:

- Probe: EX3DV4 - SN7383; ConvF(8.1, 8.1, 8.1); Calibrated: 2016/12/27;
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn1390; Calibrated: 2016/9/22
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1222
- 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) = 11.0 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 94.19 V/m; Power Drift = -0.09 dB
Peak SAR (extrapolated) = 14.8 W/kg
SAR(1 g) = 8.81 W/kg; SAR(10 g) = 4.89 W/kg
Maximum value of SAR (measured) = 9.87 W/kg



Test Laboratory: BTL Inc. Date: 2017/5/7

System Check_B1900_0507

DUT: Dipole 1900 MHz D1900V2;SN:5d179;

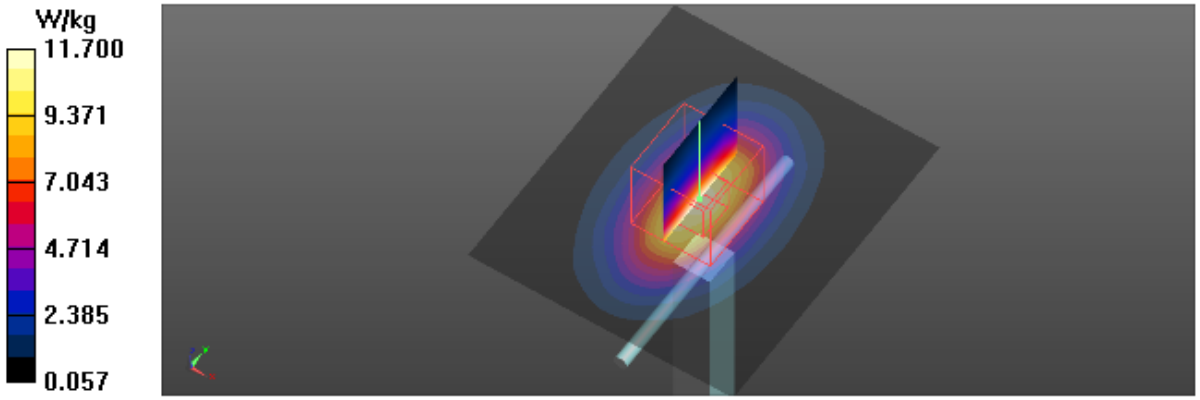
Communication System: UID 0, CW (0); Frequency: 1900 MHz; Duty Cycle: 1:1
Medium parameters used: f = 1900 MHz; σ = 1.535 S/m; ε_r = 54.92; ρ = 1000 kg/m^3
Ambient Temperature: 23.6 ℃; Liquid Temperature: 22.6 ℃

DASY Configuration:

- Probe: EX3DV4 - SN7383; ConvF(8.01, 8.01, 8.01); Calibrated: 2016/12/27;
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn1390; Calibrated: 2016/9/22
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1222
- 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) = 11.7 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 96.35 V/m; Power Drift = -0.09 dB
Peak SAR (extrapolated) = 16.6 W/kg
SAR(1 g) = 9.66 W/kg; SAR(10 g) = 5.29 W/kg
Maximum value of SAR (measured) = 10.9 W/kg



Test Laboratory: BTL Inc. Date: 2017/5/9

System Check_B1900_0509

DUT: Dipole 1900 MHz D1900V2;SN:5d179;

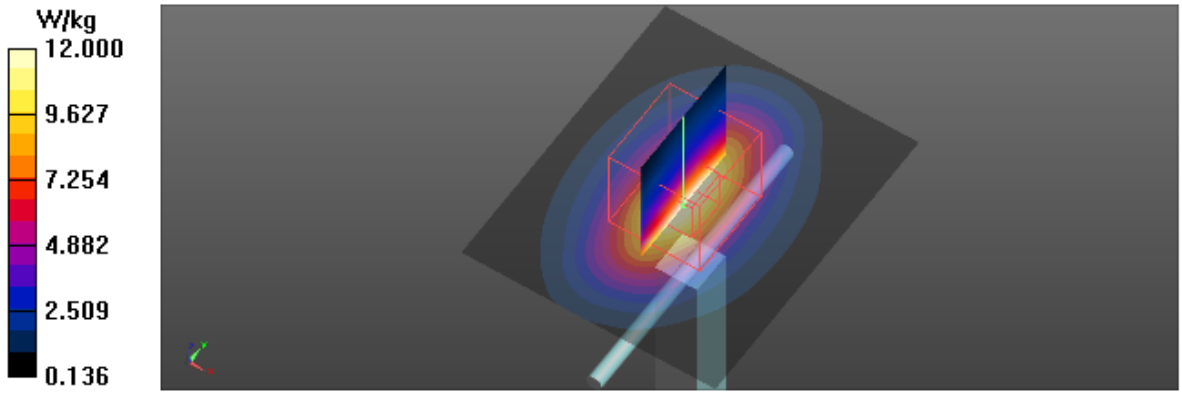
Communication System: UID 0, CW (0); Frequency: 1900 MHz; Duty Cycle: 1:1
Medium parameters used: f = 1900 MHz; σ = 1.546 S/m; ε_r = 52.04; ρ = 1000 kg/m^3
Ambient Temperature: 23.3 ℃; Liquid Temperature: 22.1 ℃

DASY Configuration:

- Probe: EX3DV4 - SN7383; ConvF(8.01, 8.01, 8.01); Calibrated: 2016/12/27;
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn1390; Calibrated: 2016/9/22
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1222
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

Area Scan (4x5x1): Interpolated grid: dx=15 mm, dy=15 mm
Maximum value of SAR (interpolated) = 12.0 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 96.45 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 17.2 W/kg
SAR(1 g) = 9.95 W/kg; SAR(10 g) = 5.45 W/kg
Maximum value of SAR (measured) = 11.1 W/kg



Test Laboratory: BTL Inc. Date: 2017/5/10

System Check_B1900_0510

DUT: Dipole 1900 MHz D1900V2;SN:5d179;

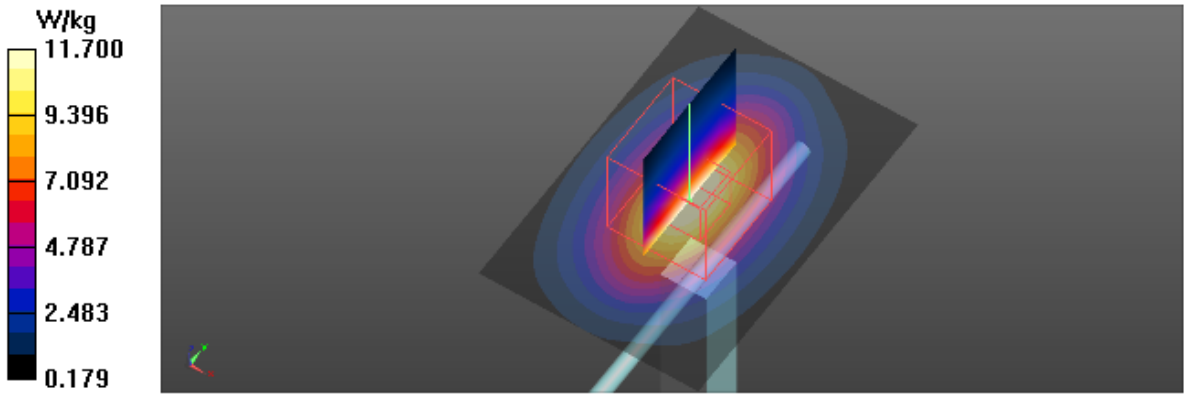
Communication System: UID 0, CW (0); Frequency: 1900 MHz; Duty Cycle: 1:1
Medium parameters used: f = 1900 MHz; σ = 1.551 S/m; ε_r = 53.97; ρ = 1000 kg/m^3
Ambient Temperature: 23.2 ℃; Liquid Temperature: 22.5 ℃

DASY Configuration:

- Probe: EX3DV4 - SN7383; ConvF(8.01, 8.01, 8.01); Calibrated: 2016/12/27;
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn1390; Calibrated: 2016/9/22
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1222
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

Area Scan (4x6x1): Interpolated grid: dx=15 mm, dy=15 mm
Maximum value of SAR (interpolated) = 11.7 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 97.02 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 17.3 W/kg
SAR(1 g) = 10.1 W/kg; SAR(10 g) = 5.53 W/kg
Maximum value of SAR (measured) = 11.4 W/kg



Test Laboratory: BTL Inc. Date: 2017/5/12

System Check_B2450_0512

DUT: Dipole 2450 MHz D2450V2;SN:919;

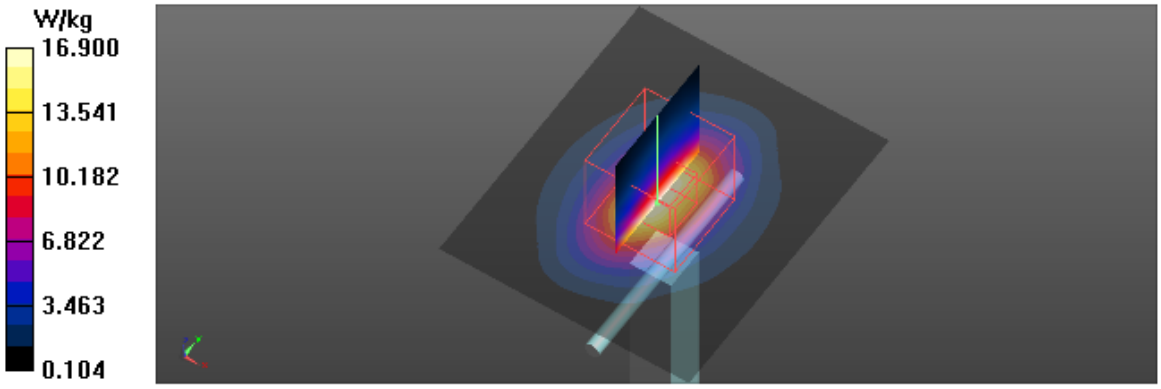
Communication System: UID 0, CW (0); Frequency: 2450 MHz; Duty Cycle: 1:1
Medium parameters used: f = 2450 MHz; σ = 1.981 S/m; ε_r = 53.39; ρ = 1000 kg/m^3
Ambient Temperature: 23.1 ℃; Liquid Temperature: 22.3 ℃

DASY Configuration:

- Probe: EX3DV4 - SN7383; ConvF(7.63, 7.63, 7.63); Calibrated: 2016/12/27;
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn1390; Calibrated: 2016/9/22
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1222
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

Area Scan (6x7x1): Interpolated grid: dx=12 mm, dy=12 mm
Maximum value of SAR (interpolated) = 16.9 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 102.1 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 25.9 W/kg
SAR(1 g) = 13.1 W/kg; SAR(10 g) = 6.27 W/kg
Maximum value of SAR (measured) = 15.0 W/kg



Test Laboratory: BTL Inc. Date: 2017/5/8

System Check_B2600_0508

DUT: Dipole 2600 MHz D2600V2;SN:1067;

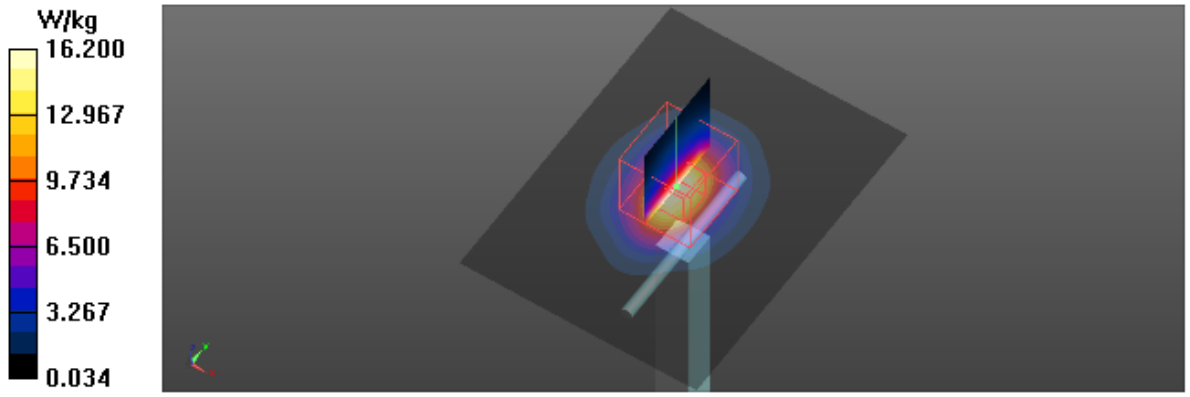
Communication System: UID 0, CW (0); Frequency: 2600 MHz; Duty Cycle: 1:1
Medium parameters used: f = 2600 MHz; σ = 2.194 S/m; ε_r = 52.41; ρ = 1000 kg/m^3
Ambient Temperature: 23.3 ℃; Liquid Temperature: 22.3 ℃

DASY Configuration:

- Probe: EX3DV4 - SN7383; ConvF(7.55, 7.55, 7.55); Calibrated: 2016/12/27;
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn1390; Calibrated: 2016/9/22
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1222
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

Area Scan (7x9x1): Interpolated grid: dx=12 mm, dy=12 mm
Maximum value of SAR (interpolated) = 16.2 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 97.94 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 26.8 W/kg
SAR(1 g) = 13.2 W/kg; SAR(10 g) = 6.09 W/kg
Maximum value of SAR (measured) = 15.1 W/kg



Test Laboratory: BTL Inc. Date: 2017/5/15

System Check_B5300_0515

DUT: Dipole D5GHzV2;SN;1160;

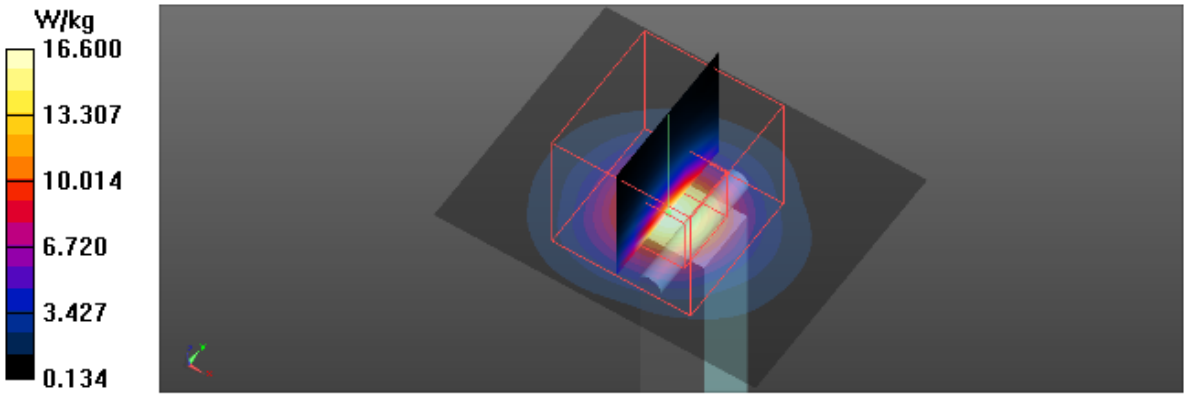
Communication System: UID 0, CW (0); Frequency: 5300 MHz; Duty Cycle: 1:1
Medium parameters used: f = 5300 MHz; σ = 5.477 S/m; ε_r = 47.43; ρ = 996 kg/m^3
Ambient Temperature: 23.2 ℃; Liquid Temperature: 22.1 ℃

DASY Configuration:

- Probe: EX3DV4 - SN7383; ConvF(4.63, 4.63, 4.63); Calibrated: 2016/12/27;
- Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 23.0
- Electronics: DAE4 Sn1390; Calibrated: 2016/9/22
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1222
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

Area Scan (6x5x1): Interpolated grid: dx=10 mm, dy=10 mm
Maximum value of SAR (interpolated) = 16.6 W/kg

Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 41.31 V/m; Power Drift = -0.08 dB
Peak SAR (extrapolated) = 27.3 W/kg
SAR(1 g) = 8.07 W/kg; SAR(10 g) = 2.39 W/kg
Maximum value of SAR (measured) = 16.3 W/kg



Test Laboratory: BTL Inc. Date: 2017/5/15

System Check_B5600_0515

DUT: Dipole D5GHzV2;SN;1160;

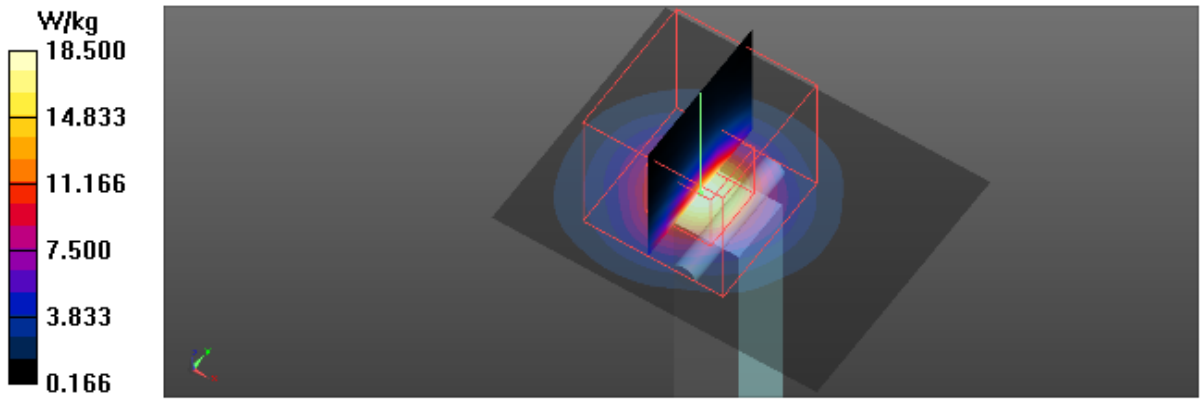
Communication System: UID 0, CW (0); Frequency: 5600 MHz; Duty Cycle: 1:1
Medium parameters used: f = 5600 MHz; σ = 5.931 S/m; ε_r = 46.72; ρ = 996 kg/m^3
Ambient Temperature: 23.2 ℃; Liquid Temperature: 22.1 ℃

DASY Configuration:

- Probe: EX3DV4 - SN7383; ConvF(3.99, 3.99, 3.99); Calibrated: 2016/12/27;
- Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 23.0
- Electronics: DAE4 Sn1390; Calibrated: 2016/9/22
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1222
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

Area Scan (6x5x1): Interpolated grid: dx=10 mm, dy=10 mm
Maximum value of SAR (interpolated) = 18.5 W/kg

Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 41.66 V/m; Power Drift = -0.09 dB
Peak SAR (extrapolated) = 30.3 W/kg
SAR(1 g) = 8.16 W/kg; SAR(10 g) = 2.6 W/kg
Maximum value of SAR (measured) = 18.2 W/kg



Test Laboratory: BTL Inc. Date: 2017/5/15

System Check_B5800_0515

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 = 6.186 S/m; ε_r = 46.28; ρ = 996 kg/m^3
Ambient Temperature: 23.2 ℃; Liquid Temperature: 22.1 ℃

DASY Configuration:

- Probe: EX3DV4 - SN7383; ConvF(4.33, 4.33, 4.33); Calibrated: 2016/12/27;
- Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 23.0
- Electronics: DAE4 Sn1390; Calibrated: 2016/9/22
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1222
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

Area Scan (5x5x1): Interpolated grid: dx=10 mm, dy=10 mm
Maximum value of SAR (interpolated) = 17.6 W/kg

Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 41.38 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 31.4 W/kg
SAR(1 g) = 8.01 W/kg; SAR(10 g) = 2.49 W/kg
Maximum value of SAR (measured) = 17.7 W/kg