Test Laboratory: BTL.Inc Date: 2019-04-18

System Check_H750_0418

DUT: Dipole 750 MHz D750V3;SN:1095;

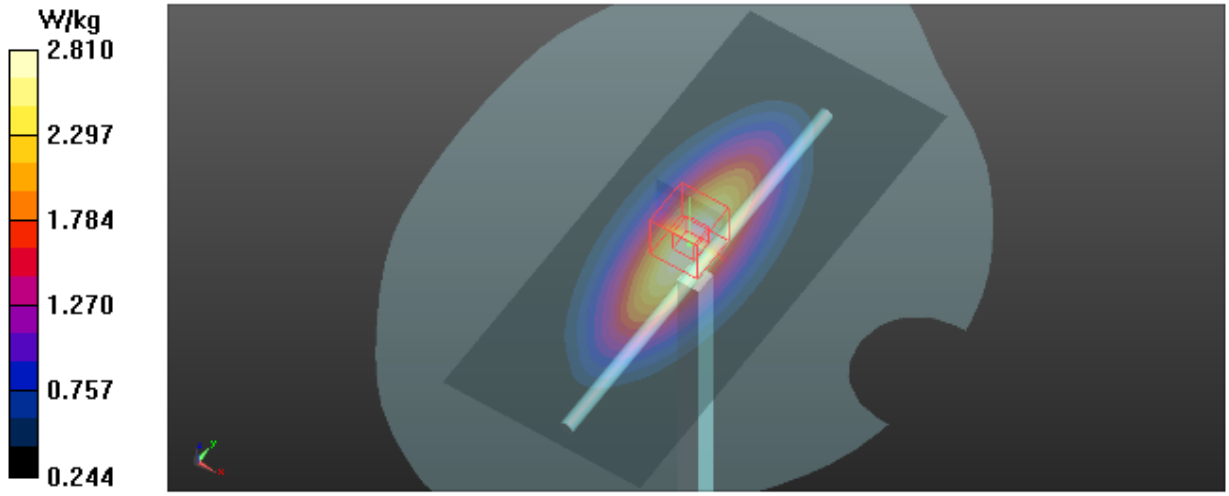
Communication System: UID 0, CW (0); Frequency: 750 MHz; Duty Cycle: 1:1
Medium parameters used: f = 750 MHz; σ = 0.897 S/m; ε_r = 41.797; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.1 ℃

DASY Configuration:

- Probe: ES3DV3 - SN3121; ConvF(6.33, 6.33, 6.33) @ 750 MHz; Calibrated: 2019-02-25
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE3 Sn536; Calibrated: 2018-10-15
- Phantom: SAM Right v5.0; Type: QD000P40CC; Serial: TP:1469
- 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) = 2.83 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 55.40 V/m; Power Drift = -0.12 dB
Peak SAR (extrapolated) = 3.16 W/kg
SAR(1 g) = 2.1 W/kg; SAR(10 g) = 1.38 W/kg
Maximum value of SAR (measured) = 2.81 W/kg



Test Laboratory: BTL.Inc Date: 2019-04-18

System Check_B750_0418

DUT: Dipole 750 MHz D750V3;SN:1095;

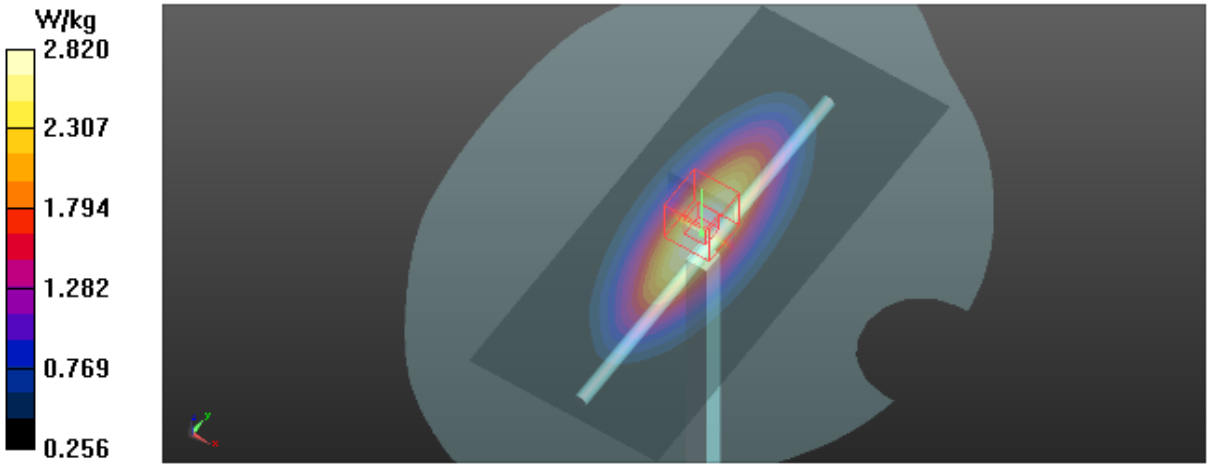
Communication System: UID 0, CW (0); Frequency: 750 MHz; Duty Cycle: 1:1
Medium parameters used: f = 750 MHz; σ = 0.977 S/m; ε_r = 54.197; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：22.6 ℃

DASY Configuration:

- Probe: ES3DV3 - SN3121; ConvF(6.31, 6.31, 6.31) @ 750 MHz; Calibrated: 2019-02-25
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE3 Sn536; Calibrated: 2018-10-15
- Phantom: SAM Right v5.0; Type: QD000P40CC; Serial: TP:1469
- 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) = 2.85 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 53.01 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 3.18 W/kg
SAR(1 g) = 2.12 W/kg; SAR(10 g) = 1.4 W/kg
Maximum value of SAR (measured) = 2.82 W/kg



Test Laboratory: BTL.Inc Date: 2019-04-19

System Check_B750_0419

DUT: Dipole 750 MHz D750V3;SN:1095;

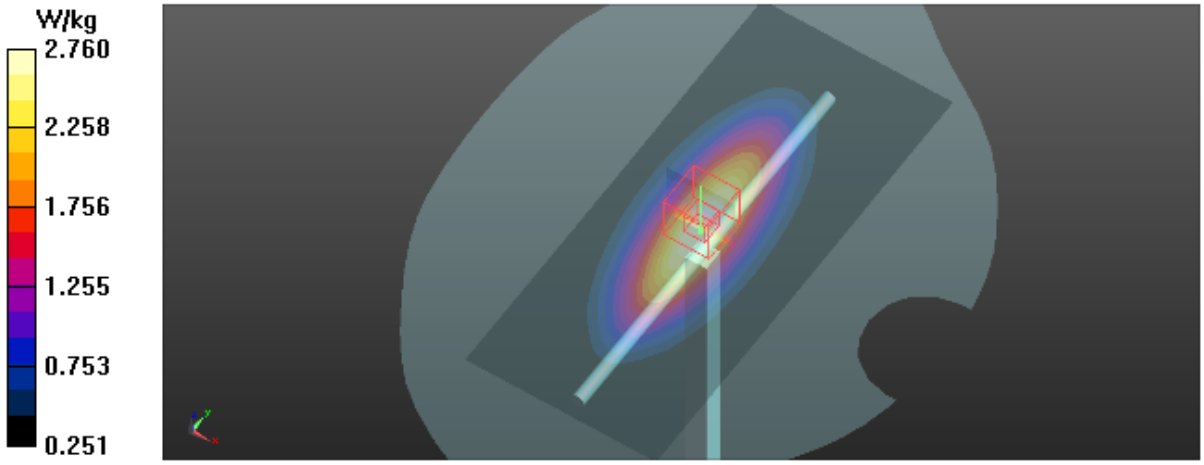
Communication System: UID 0, CW (0); Frequency: 750 MHz; Duty Cycle: 1:1
Medium parameters used: f = 750 MHz; σ = 0.957 S/m; ε_r = 55.553; ρ = 1000 kg/m^3
Ambient Temperature：23.1 ℃; Liquid Temperature：22.3 ℃

DASY Configuration:

- Probe: ES3DV3 - SN3121; ConvF(6.31, 6.31, 6.31) @ 750 MHz; Calibrated: 2019-02-25
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE3 Sn536; Calibrated: 2018-10-15
- Phantom: SAM Right v5.0; Type: QD000P40CC; Serial: TP:1469
- 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) = 2.79 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 53.01 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 3.11 W/kg
SAR(1 g) = 2.07 W/kg; SAR(10 g) = 1.37 W/kg
Maximum value of SAR (measured) = 2.76 W/kg



Test Laboratory: BTL.Inc Date: 2019-04-13

System Check_H835_0413

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

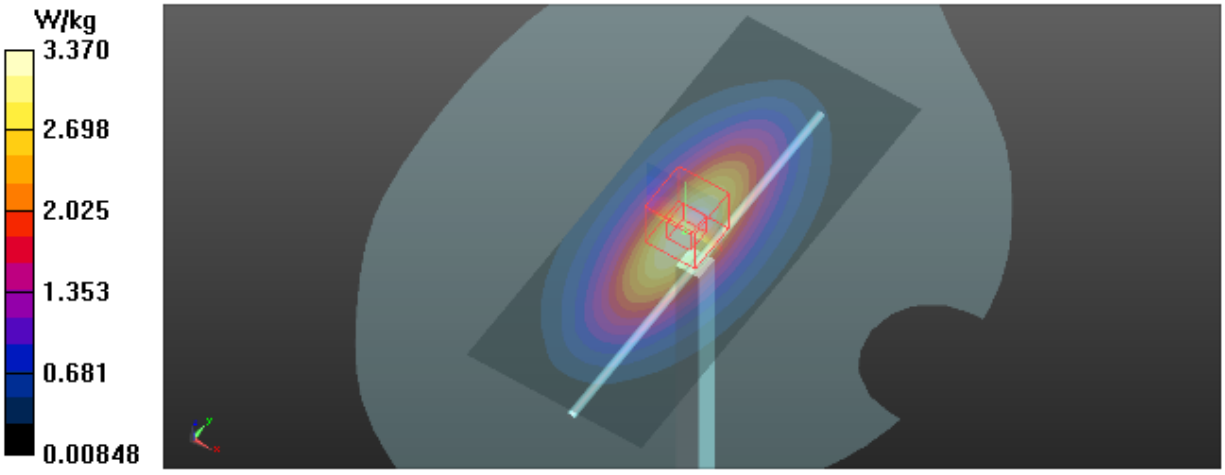
Communication System: UID 0, CW (0); Frequency: 835 MHz; Duty Cycle: 1:1
Medium parameters used: f = 835 MHz; σ = 0.904 S/m; ε_r = 42.928; ρ = 1000 kg/m^3
Ambient Temperature：23.8 ℃; Liquid Temperature：22.6 ℃

DASY Configuration:

- Probe: ES3DV3 - SN3121; ConvF(6.33, 6.33, 6.33) @ 835 MHz; Calibrated: 2019-02-25
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE3 Sn536; Calibrated: 2018-10-15
- Phantom: SAM Right v5.0; Type: QD000P40CC; Serial: TP:1469
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Area Scan (6x13x1): Interpolated grid: dx=15 mm, dy=15 mm
Maximum value of SAR (interpolated) = 3.37 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 59.55 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 3.88 W/kg
SAR(1 g) = 2.31 W/kg; SAR(10 g) = 1.61 W/kg
Maximum value of SAR (measured) = 3.40 W/kg



Test Laboratory: BTL.Inc Date: 2019-04-14

System Check_H835_0414

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

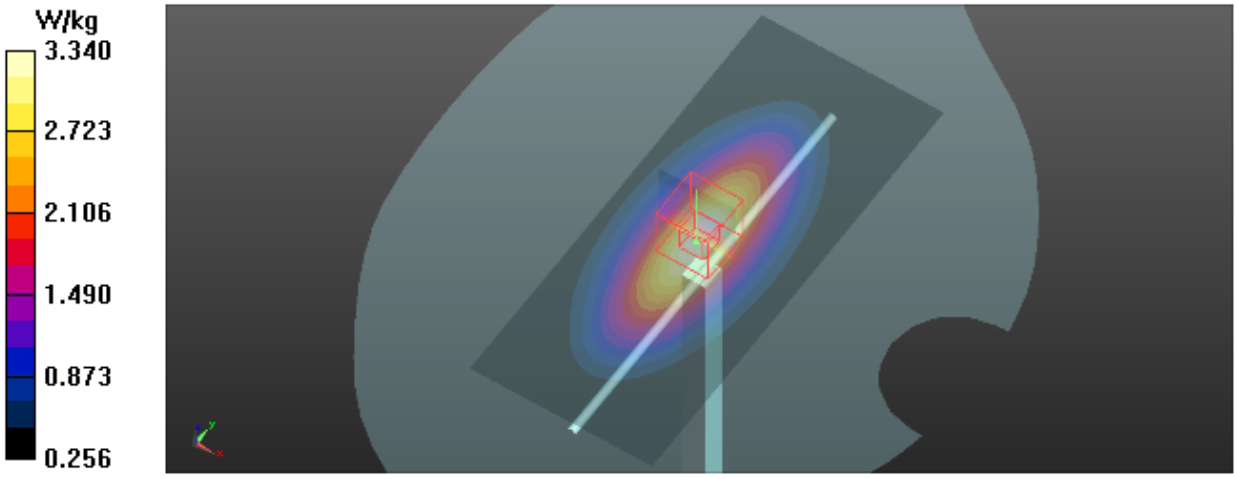
Communication System: UID 0, CW (0); Frequency: 835 MHz; Duty Cycle: 1:1
Medium parameters used: f = 835 MHz; σ = 0.887 S/m; ε_r = 42.413; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.5 ℃

DASY Configuration:

- Probe: ES3DV3 - SN3121; ConvF(6.33, 6.33, 6.33) @ 835 MHz; Calibrated: 2019-02-25
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE3 Sn536; Calibrated: 2018-10-15
- Phantom: SAM Right v5.0; Type: QD000P40CC; Serial: TP:1469
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Area Scan (6x13x1): Interpolated grid: dx=15 mm, dy=15 mm
Maximum value of SAR (interpolated) = 3.31 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 59.55 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 3.81 W/kg
SAR(1 g) = 2.42 W/kg; SAR(10 g) = 1.58 W/kg
Maximum value of SAR (measured) = 3.34 W/kg



Test Laboratory: BTL.Inc Date: 2019-04-15

System Check_H835_0415

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

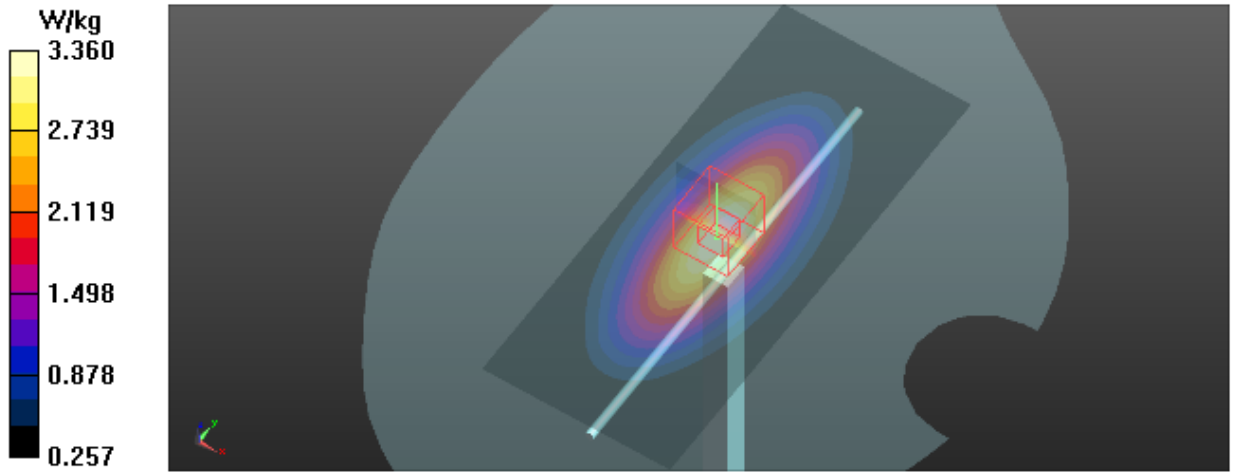
Communication System: UID 0, CW (0); Frequency: 835 MHz; Duty Cycle: 1:1
Medium parameters used: f = 835 MHz; σ = 0.891 S/m; ε_r = 43.373; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：22.1 ℃

DASY Configuration:

- Probe: ES3DV3 - SN3121; ConvF(6.33, 6.33, 6.33) @ 835 MHz; Calibrated: 2019-02-25
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE3 Sn536; Calibrated: 2018-10-15
- Phantom: SAM Right v5.0; Type: QD000P40CC; Serial: TP:1469
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Area Scan (6x13x1): Interpolated grid: dx=15 mm, dy=15 mm
Maximum value of SAR (interpolated) = 3.32 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 59.55 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 3.82 W/kg
SAR(1 g) = 2.29 W/kg; SAR(10 g) = 1.59 W/kg
Maximum value of SAR (measured) = 3.36 W/kg



Test Laboratory: BTL.Inc Date: 2019-04-16

System Check_B835_0416

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

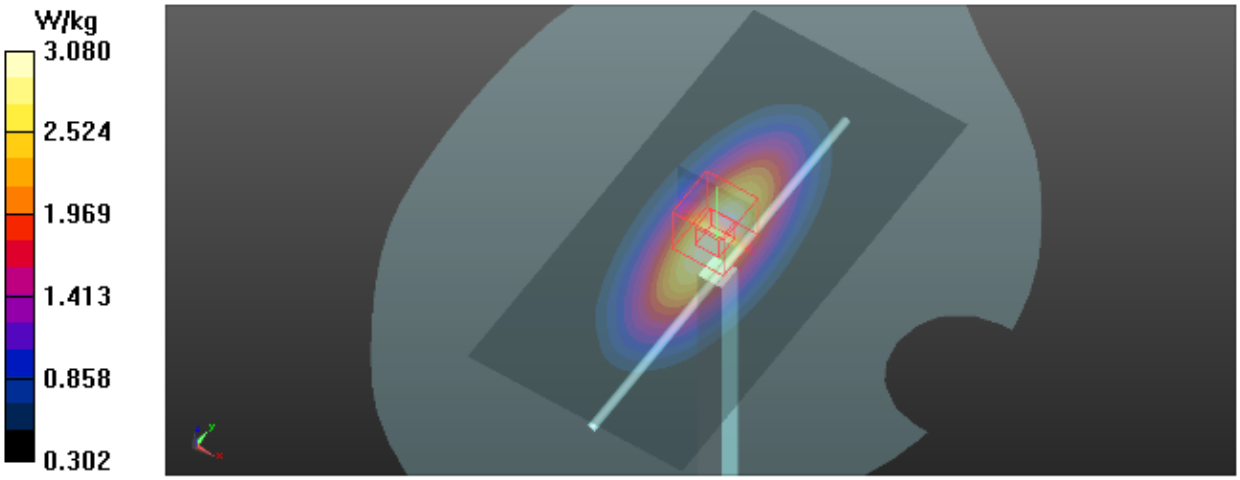
Communication System: UID 0, CW (0); Frequency: 835 MHz; Duty Cycle: 1:1
Medium parameters used: f = 835 MHz; σ = 0.955 S/m; ε_r = 55.07; ρ = 1000 kg/m^3
Ambient Temperature：23.1 ℃; Liquid Temperature：22.2 ℃

DASY Configuration:

- Probe: ES3DV3 - SN3121; ConvF(6.31, 6.31, 6.31) @ 835 MHz; Calibrated: 2019-02-25
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE3 Sn536; Calibrated: 2018-10-15
- Phantom: SAM Right v5.0; Type: QD000P40CC; Serial: TP:1469
- 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) = 3.08 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 57.90 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 3.54 W/kg
SAR(1 g) = 2.48 W/kg; SAR(10 g) = 1.65 W/kg
Maximum value of SAR (measured) = 3.08 W/kg



Test Laboratory: BTL.Inc Date: 2019-04-17

System Check_B835_0417

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

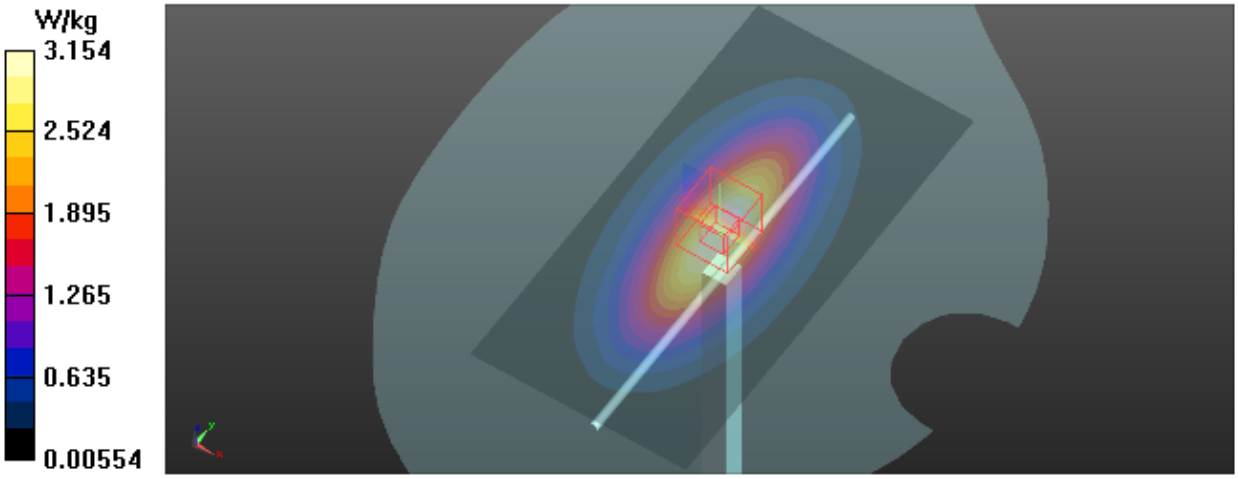
Communication System: UID 0, CW (0); Frequency: 835 MHz; Duty Cycle: 1:1
Medium parameters used: f = 835 MHz; σ = 0.977 S/m; ε_r = 55.621; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：22.4 ℃

DASY Configuration:

- Probe: ES3DV3 - SN3121; ConvF(6.31, 6.31, 6.31) @ 835 MHz; Calibrated: 2019-02-25
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE3 Sn536; Calibrated: 2018-10-15
- Phantom: SAM Right v5.0; Type: QD000P40CC; Serial: TP:1469
- 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) = 3.15 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 57.90 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 3.62 W/kg
SAR(1 g) = 2.50 W/kg; SAR(10 g) = 1.69 W/kg
Maximum value of SAR (measured) = 3.16 W/kg



Test Laboratory: BTL.Inc Date: 2019-04-18

System Check_B835_0418

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

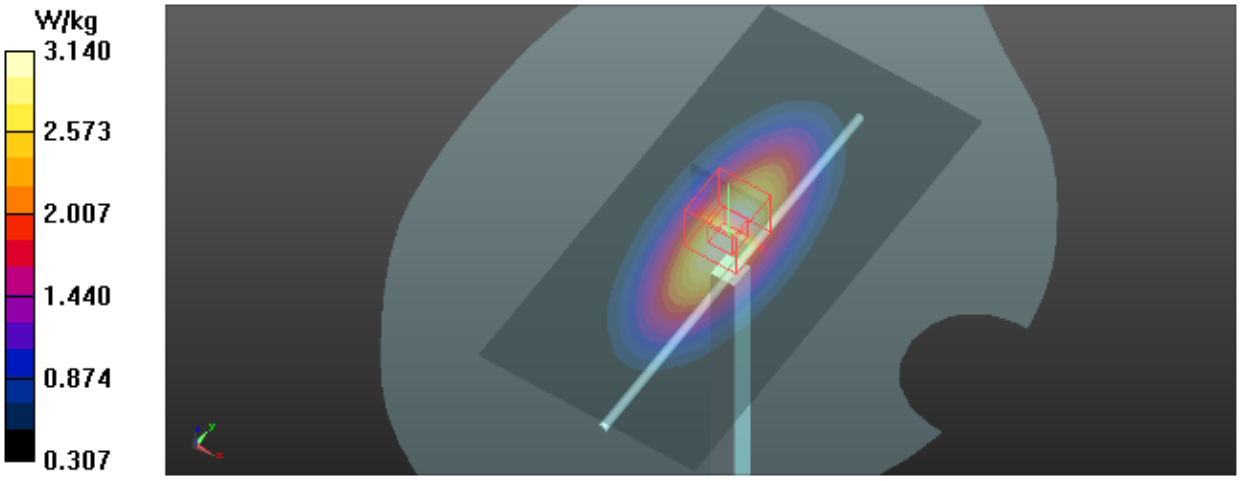
Communication System: UID 0, CW (0); Frequency: 835 MHz; Duty Cycle: 1:1
Medium parameters used: f = 835 MHz; σ = 0.973 S/m; ε_r = 54.214; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.3 ℃

DASY Configuration:

- Probe: ES3DV3 - SN3121; ConvF(6.31, 6.31, 6.31) @ 835 MHz; Calibrated: 2019-02-25
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE3 Sn536; Calibrated: 2018-10-15
- Phantom: SAM Right v5.0; Type: QD000P40CC; Serial: TP:1469
- 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) = 3.14 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 57.90 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 3.60 W/kg
SAR(1 g) = 2.43 W/kg; SAR(10 g) = 1.69 W/kg
Maximum value of SAR (measured) = 3.14 W/kg



Test Laboratory: BTL.Inc Date: 2019-05-13

System Check_B835_0513

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

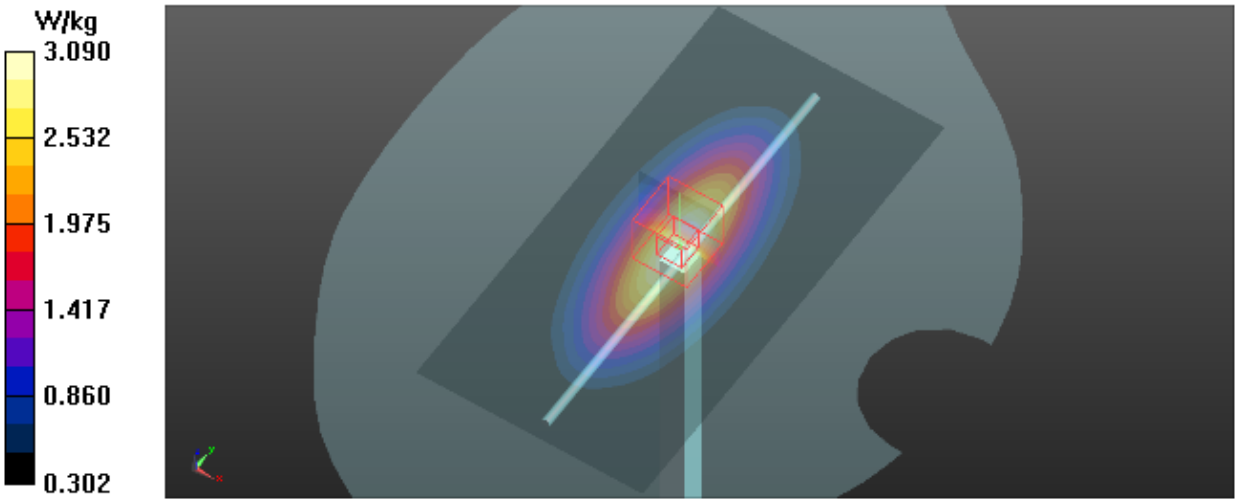
Communication System: UID 0, CW (0); Frequency: 835 MHz; Duty Cycle: 1:1
Medium parameters used: f = 835 MHz; σ = 0.956 S/m; ε_r = 55.09; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：22.5 ℃

DASY Configuration:

- Probe: EX3DV4 - SN7396; ConvF(9.89, 9.89, 9.89) @ 835 MHz; Calibrated: 2018-05-29
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE3 Sn536; Calibrated: 2018-10-15
- Phantom: SAM Right v5.0; Type: QD000P40CC; Serial: TP:1469
- 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) = 3.08 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 57.90 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 3.54 W/kg
SAR(1 g) = 2.48 W/kg; SAR(10 g) = 1.66 W/kg
Maximum value of SAR (measured) = 3.09 W/kg



Test Laboratory: BTL.Inc Date: 2019-04-21

System Check_H1750_0421

DUT: Dipole 1750 MHz D1750V2;SN:1101;

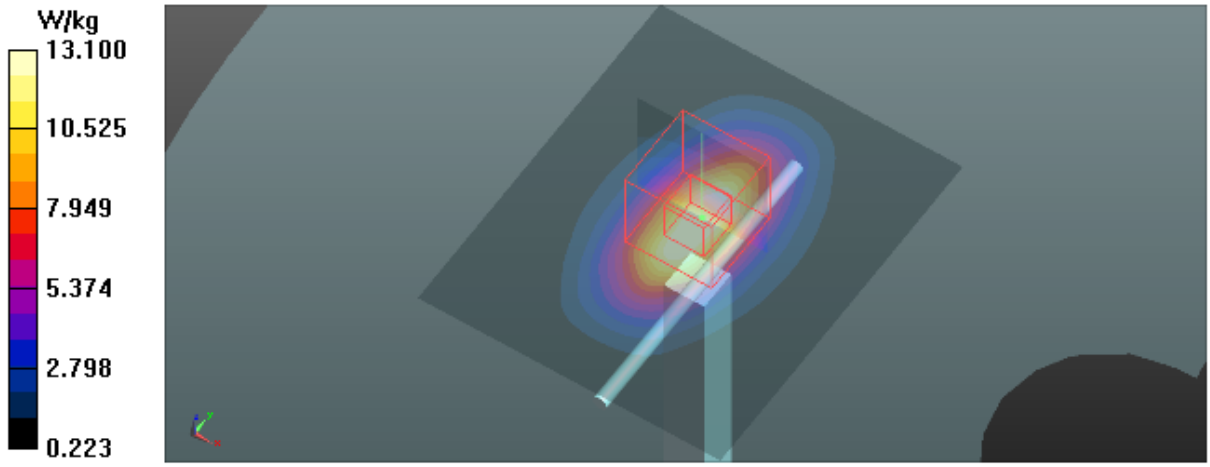
Communication System: UID 0, CW (0); Frequency: 1750 MHz; Duty Cycle: 1:1
Medium parameters used: f = 1750 MHz; σ = 1.405 S/m; ε_r = 41.336; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.3 ℃

DASY Configuration:

- Probe: ES3DV3 - SN3121; ConvF(5.25, 5.25, 5.25) @ 1750 MHz; Calibrated: 2019-02-25
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE3 Sn536; Calibrated: 2018-10-15
- Phantom: SAM Right v5.0; Type: QD000P40CC; Serial: TP:1469
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Area Scan (6x7x1): Interpolated grid: dx=15 mm, dy=15 mm
Maximum value of SAR (interpolated) = 14.1 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 98.75 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 16.5 W/kg
SAR(1 g) = 9.23 W/kg; SAR(10 g) = 4.88 W/kg
Maximum value of SAR (measured) = 13.1 W/kg



Test Laboratory: BTL.Inc Date: 2019-04-22

System Check_H1750_0422

DUT: Dipole 1750 MHz D1750V2;SN:1101;

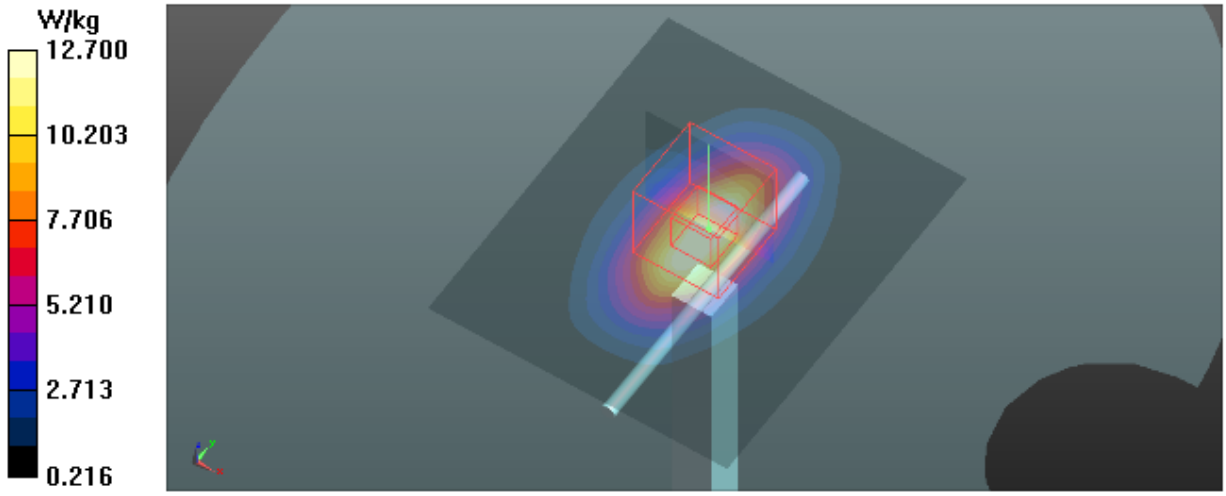
Communication System: UID 0, CW (0); Frequency: 1750 MHz; Duty Cycle: 1:1
Medium parameters used: f = 1750 MHz; σ = 1.359 S/m; ε_r = 41.538; ρ = 1000 kg/m^3
Ambient Temperature：23.1 ℃; Liquid Temperature：22.4 ℃

DASY Configuration:

- Probe: ES3DV3 - SN3121; ConvF(5.25, 5.25, 5.25) @ 1750 MHz; Calibrated: 2019-02-25
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE3 Sn536; Calibrated: 2018-10-15
- Phantom: SAM Right v5.0; Type: QD000P40CC; Serial: TP:1469
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Area Scan (6x7x1): Interpolated grid: dx=15 mm, dy=15 mm
Maximum value of SAR (interpolated) = 13.7 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 98.75 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 15.9 W/kg
SAR(1 g) = 8.93 W/kg; SAR(10 g) = 4.72 W/kg
Maximum value of SAR (measured) = 12.7 W/kg



Test Laboratory: BTL.Inc Date: 2019-05-14

System Check_H1750_0514

DUT: Dipole 1750 MHz D1750V2;SN:1101;

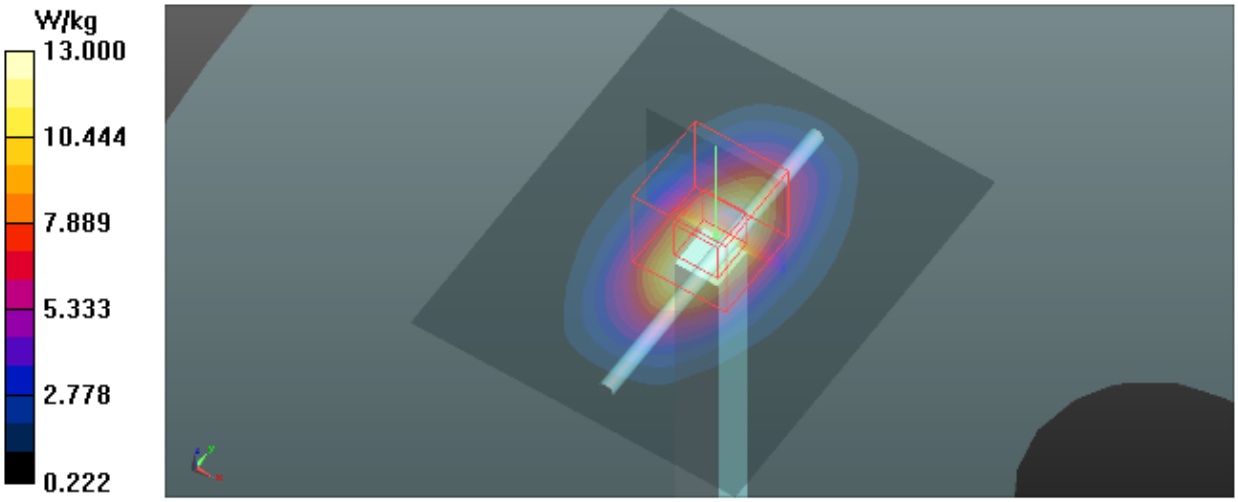
Communication System: UID 0, CW (0); Frequency: 1750 MHz; Duty Cycle: 1:1
Medium parameters used: f = 1750 MHz; σ = 1.4 S/m; ε_r = 39.468; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：22.2 ℃

DASY Configuration:

- Probe: EX3DV4 - SN7396; ConvF(8.64, 8.64, 8.64) @ 1750 MHz; Calibrated: 2018-05-29
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE3 Sn536; Calibrated: 2018-10-15
- Phantom: SAM Right v5.0; Type: QD000P40CC; Serial: TP:1469
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Area Scan (6x7x1): Interpolated grid: dx=15 mm, dy=15 mm
Maximum value of SAR (interpolated) = 14.1 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 98.75 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 16.4 W/kg
SAR(1 g) = 9.2 W/kg; SAR(10 g) = 4.86 W/kg
Maximum value of SAR (measured) = 13.0 W/kg



Test Laboratory: BTL.Inc Date: 2019-04-19

System Check_B1750_0419

DUT: Dipole 1750 MHz D1750V2;SN:1101;

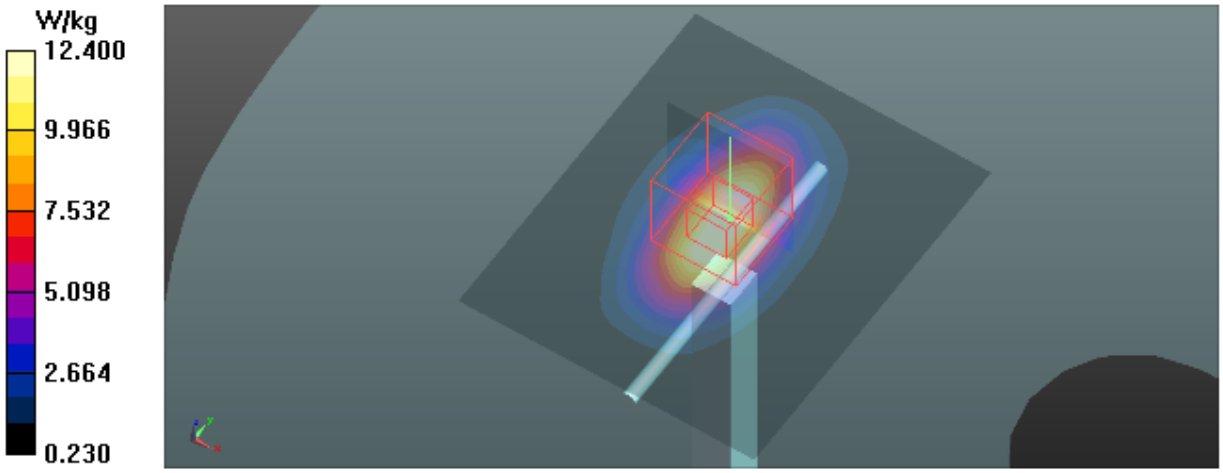
Communication System: UID 0, CW (0); Frequency: 1750 MHz; Duty Cycle: 1:1
Medium parameters used: f = 1750 MHz; σ = 1.526 S/m; ε_r = 52.21; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：22.1 ℃

DASY Configuration:

- Probe: ES3DV3 - SN3121; ConvF(4.99, 4.99, 4.99) @ 1750 MHz; Calibrated: 2019-02-25
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE3 Sn536; Calibrated: 2018-10-15
- Phantom: SAM Right v5.0; Type: QD000P40CC; Serial: TP:1469
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Area Scan (6x7x1): Interpolated grid: dx=15 mm, dy=15 mm
Maximum value of SAR (interpolated) = 13.3 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 89.42 V/m; Power Drift = 0.13 dB
Peak SAR (extrapolated) = 15.5 W/kg
SAR(1 g) = 8.9 W/kg; SAR(10 g) = 4.74 W/kg
Maximum value of SAR (measured) = 12.4 W/kg



Test Laboratory: BTL.Inc Date: 2019-04-20

System Check_B1750_0420

DUT: Dipole 1750 MHz D1750V2;SN:1101;

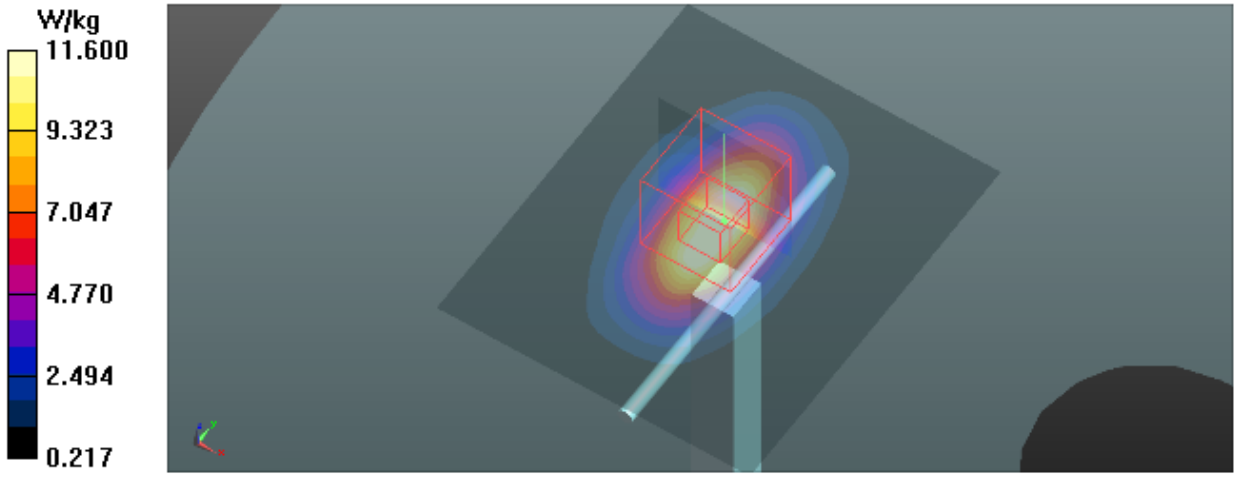
Communication System: UID 0, CW (0); Frequency: 1750 MHz; Duty Cycle: 1:1
Medium parameters used: f = 1750 MHz; σ = 1.437 S/m; ε_r = 53.825; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：22.3 ℃

DASY Configuration:

- Probe: ES3DV3 - SN3121; ConvF(4.99, 4.99, 4.99) @ 1750 MHz; Calibrated: 2019-02-25
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE3 Sn536; Calibrated: 2018-10-15
- Phantom: SAM Right v5.0; Type: QD000P40CC; Serial: TP:1469
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Area Scan (6x7x1): Interpolated grid: dx=15 mm, dy=15 mm
Maximum value of SAR (interpolated) = 12.5 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 89.42 V/m; Power Drift = 0.13 dB
Peak SAR (extrapolated) = 14.6 W/kg
SAR(1 g) = 9.01 W/kg; SAR(10 g) = 4.46 W/kg
Maximum value of SAR (measured) = 11.6 W/kg



Test Laboratory: BTL.Inc Date: 2019-04-21

System Check_B1750_0421

DUT: Dipole 1750 MHz D1750V2;SN:1101;

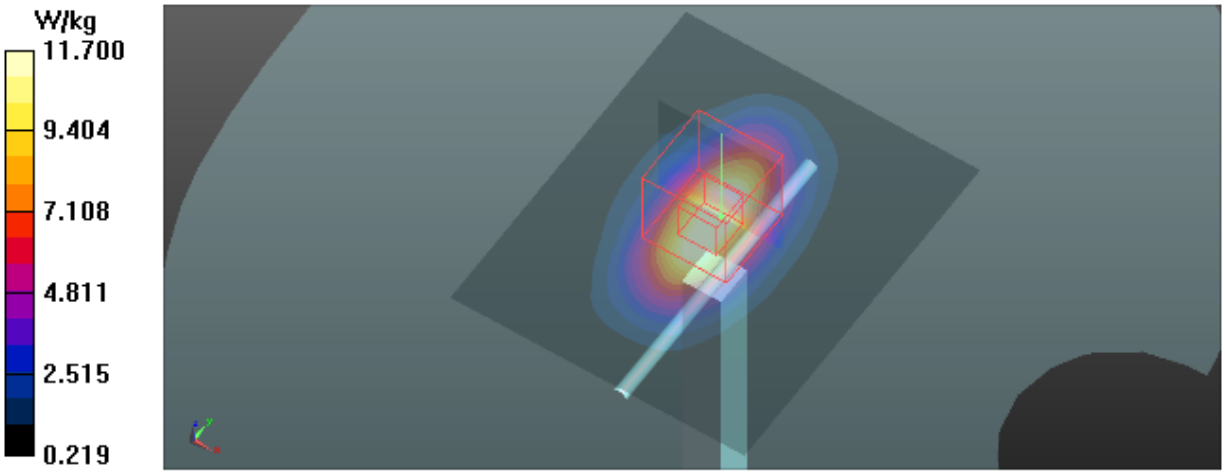
Communication System: UID 0, CW (0); Frequency: 1750 MHz; Duty Cycle: 1:1
Medium parameters used: f = 1750 MHz; σ = 1.449 S/m; ε_r = 52.291; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.4 ℃

DASY Configuration:

- Probe: ES3DV3 - SN3121; ConvF(4.99, 4.99, 4.99) @ 1750 MHz; Calibrated: 2019-02-25
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE3 Sn536; Calibrated: 2018-10-15
- Phantom: SAM Right v5.0; Type: QD000P40CC; Serial: TP:1469
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Area Scan (6x7x1): Interpolated grid: dx=15 mm, dy=15 mm
Maximum value of SAR (interpolated) = 12.6 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 89.42 V/m; Power Drift = 0.13 dB
Peak SAR (extrapolated) = 14.7 W/kg
SAR(1 g) = 8.93 W/kg; SAR(10 g) = 4.5 W/kg
Maximum value of SAR (measured) = 11.7 W/kg



Test Laboratory: BTL.Inc Date: 2019-04-10

System Check_H1900_0410

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

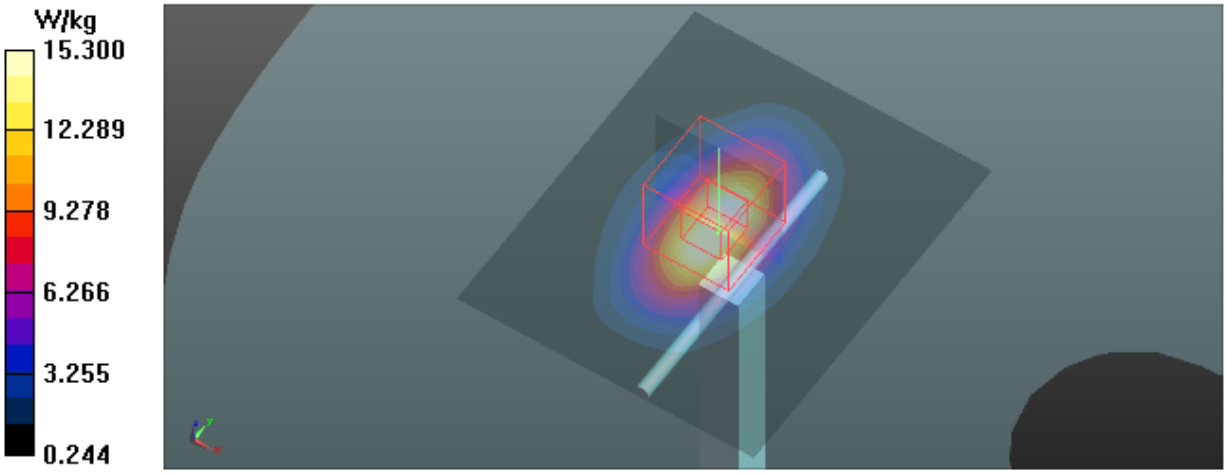
Communication System: UID 0, CW (0); Frequency: 1900 MHz; Duty Cycle: 1:1
Medium parameters used: f = 1900 MHz; σ = 1.365 S/m; ε_r = 38.428; ρ = 1000 kg/m^3
Ambient Temperature：23.1 ℃; Liquid Temperature：22.3 ℃

DASY Configuration:

- Probe: ES3DV3 - SN3121; ConvF(5.08, 5.08, 5.08) @ 1900 MHz; Calibrated: 2019-02-25
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE3 Sn536; Calibrated: 2018-10-15
- Phantom: SAM Right v5.0; Type: QD000P40CC; Serial: TP:1469
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Area Scan (6x7x1): Interpolated grid: dx=15 mm, dy=15 mm
Maximum value of SAR (interpolated) = 16.0 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 100.3 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 18.0 W/kg
SAR(1 g) = 9.9 W/kg; SAR(10 g) = 5.17 W/kg
Maximum value of SAR (measured) = 15.3 W/kg



Test Laboratory: BTL.Inc Date: 2019-04-11

System Check_B1900_0411

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

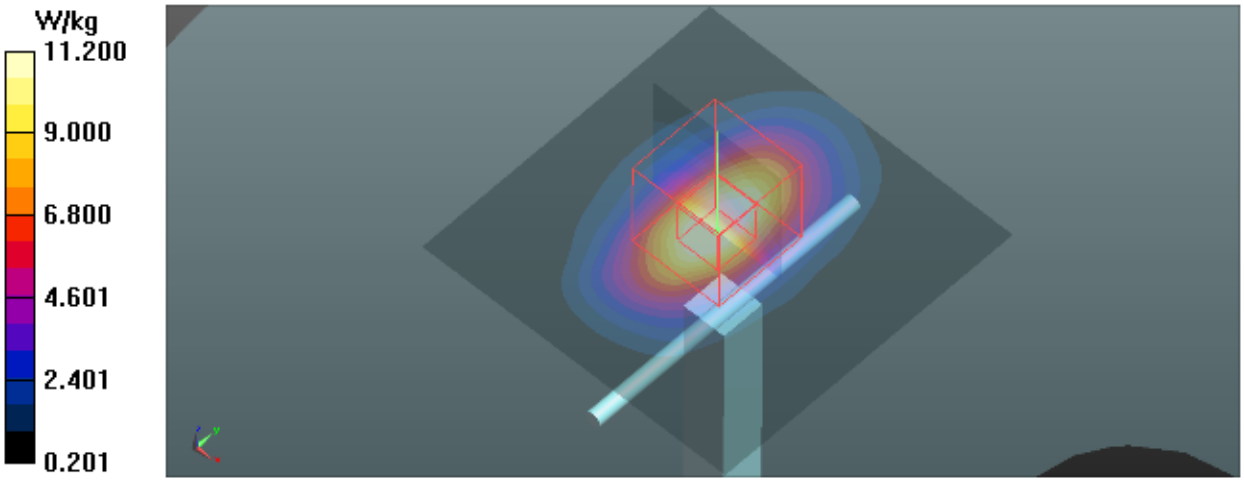
Communication System: UID 0, CW (0); Frequency: 1900 MHz; Duty Cycle: 1:1
Medium parameters used: f = 1900 MHz; σ = 1.496 S/m; ε_r = 53.218; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.5 ℃

DASY Configuration:

- Probe: ES3DV3 - SN3121; ConvF(4.85, 4.85, 4.85) @ 1900 MHz; Calibrated: 2019-02-25
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE3 Sn536; Calibrated: 2018-10-15
- Phantom: SAM Right v5.0; Type: QD000P40CC; Serial: TP:1469
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Area Scan (6x6x1): Interpolated grid: dx=15 mm, dy=15 mm
Maximum value of SAR (interpolated) = 12.3 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 96.34 V/m; Power Drift = 0.10 dB
Peak SAR (extrapolated) = 17.7 W/kg
SAR(1 g) = 10 W/kg; SAR(10 g) = 5.28 W/kg
Maximum value of SAR (measured) = 11.2 W/kg



Test Laboratory: BTL.Inc Date: 2019-04-12

System Check_B1900_0412

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

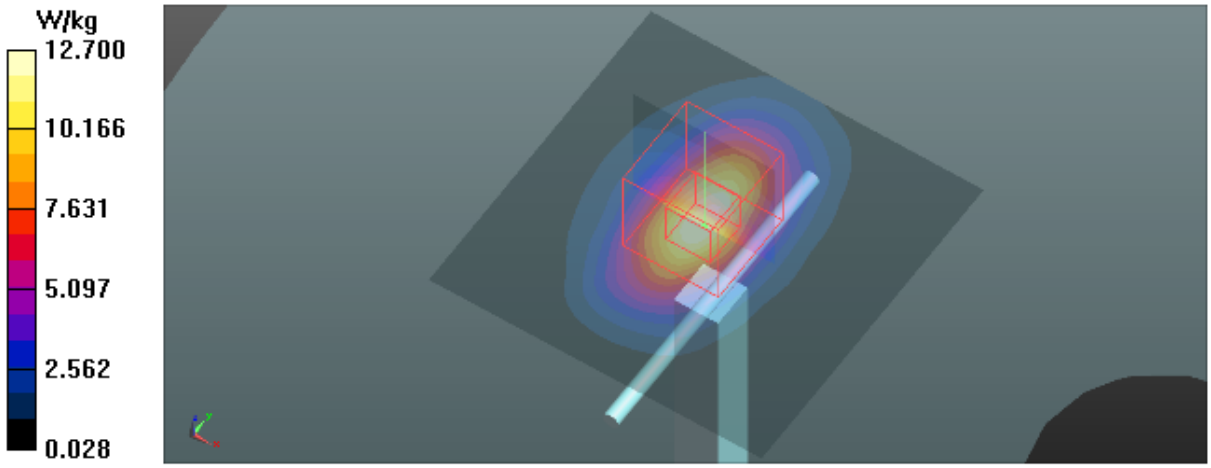
Communication System: UID 0, CW (0); Frequency: 1900 MHz; Duty Cycle: 1:1
Medium parameters used: f = 1900 MHz; σ = 1.551 S/m; ε_r = 52.006; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：22.2 ℃

DASY Configuration:

- Probe: ES3DV3 - SN3121; ConvF(4.85, 4.85, 4.85) @ 1900 MHz; Calibrated: 2019-02-25
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE3 Sn536; Calibrated: 2018-10-15
- Phantom: SAM Right v5.0; Type: QD000P40CC; Serial: TP:1469
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Area Scan (6x6x1): Interpolated grid: dx=15 mm, dy=15 mm
Maximum value of SAR (interpolated) = 12.7 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 96.34 V/m; Power Drift = 0.10 dB
Peak SAR (extrapolated) = 18.4 W/kg
SAR(1 g) = 10.4 W/kg; SAR(10 g) = 5.48 W/kg
Maximum value of SAR (measured) = 11.6 W/kg



Test Laboratory: BTL.Inc Date: 2019-04-13

System Check_B1900_0413

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

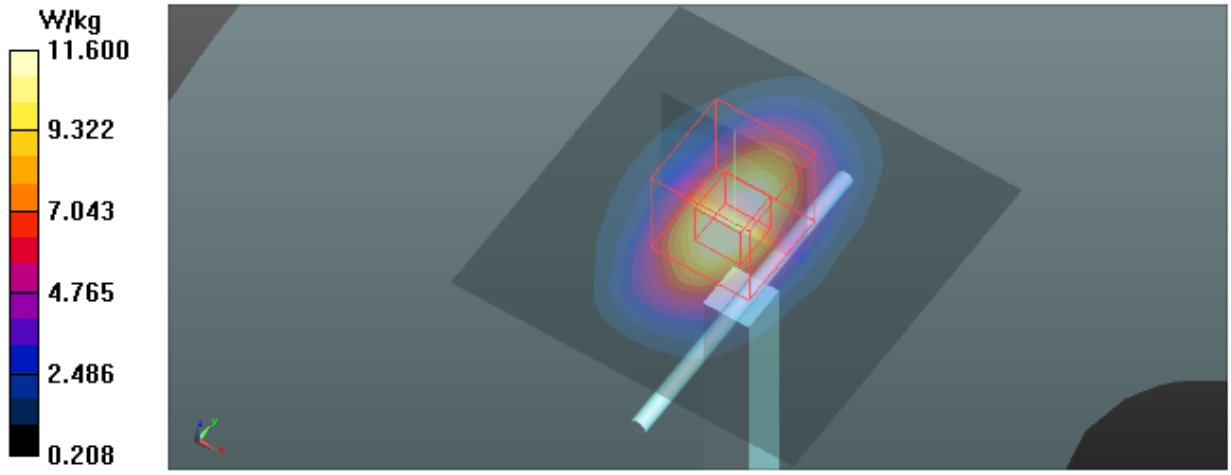
Communication System: UID 0, CW (0); Frequency: 1900 MHz; Duty Cycle: 1:1
Medium parameters used: f = 1900 MHz; σ = 1.544 S/m; ε_r = 52.584; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.4 ℃

DASY Configuration:

- Probe: ES3DV3 - SN3121; ConvF(4.85, 4.85, 4.85) @ 1900 MHz; Calibrated: 2019-02-25
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE3 Sn536; Calibrated: 2018-10-15
- Phantom: SAM Right v5.0; Type: QD000P40CC; Serial: TP:1469
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Area Scan (6x6x1): Interpolated grid: dx=15 mm, dy=15 mm
Maximum value of SAR (interpolated) = 12.7 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 96.34 V/m; Power Drift = 0.10 dB
Peak SAR (extrapolated) = 18.3 W/kg
SAR(1 g) = 10.21 W/kg; SAR(10 g) = 5.45 W/kg
Maximum value of SAR (measured) = 11.6 W/kg



Test Laboratory: BTL.Inc Date: 2019-04-23

System Check_H2450_0423

DUT: Dipole 2450 MHz D2450V2;SN:919;

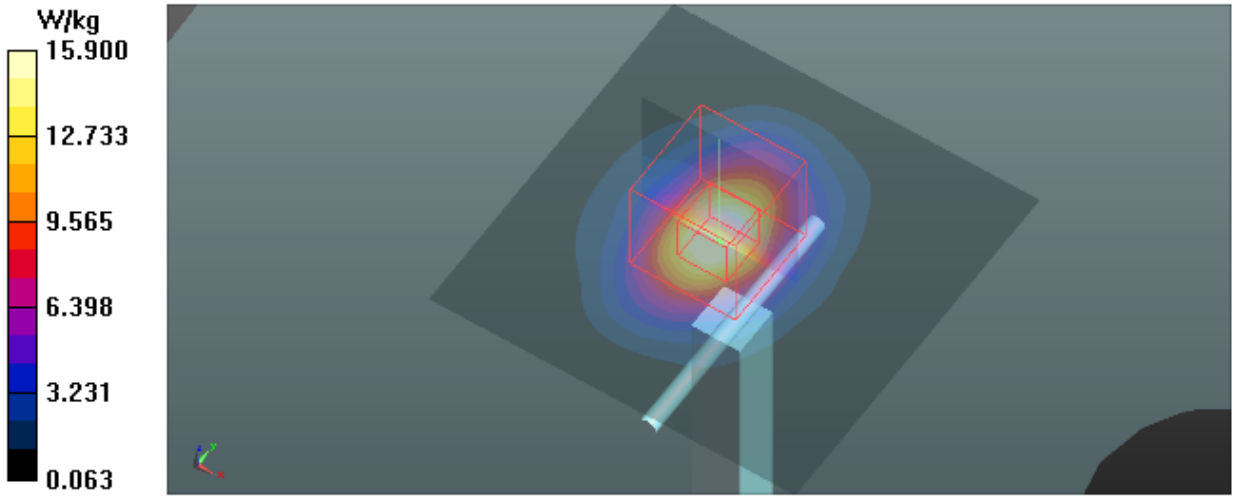
Communication System: UID 0, CW (0); Frequency: 2450 MHz; Duty Cycle: 1:1
Medium parameters used: f = 2450 MHz; σ = 1.879 S/m; ε_r = 38.687; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：22.6 ℃

DASY Configuration:

- Probe: ES3DV3 - SN3121; ConvF(4.6, 4.6, 4.6) @ 2450 MHz; Calibrated: 2019-02-25
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE3 Sn536; Calibrated: 2018-10-15
- Phantom: SAM Right v5.0; Type: QD000P40CC; Serial: TP:1469
- 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) = 17.6 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 104.0 V/m; Power Drift = 0.14 dB
Peak SAR (extrapolated) = 30.6 W/kg
SAR(1 g) = 13.24 W/kg; SAR(10 g) = 6.41 W/kg
Maximum value of SAR (measured) = 15.9 W/kg



Test Laboratory: BTL Inc. Date: 2019/4/22

System Check_B2450_0422

DUT: Dipole 2450 MHz D2450V2;SN:919;

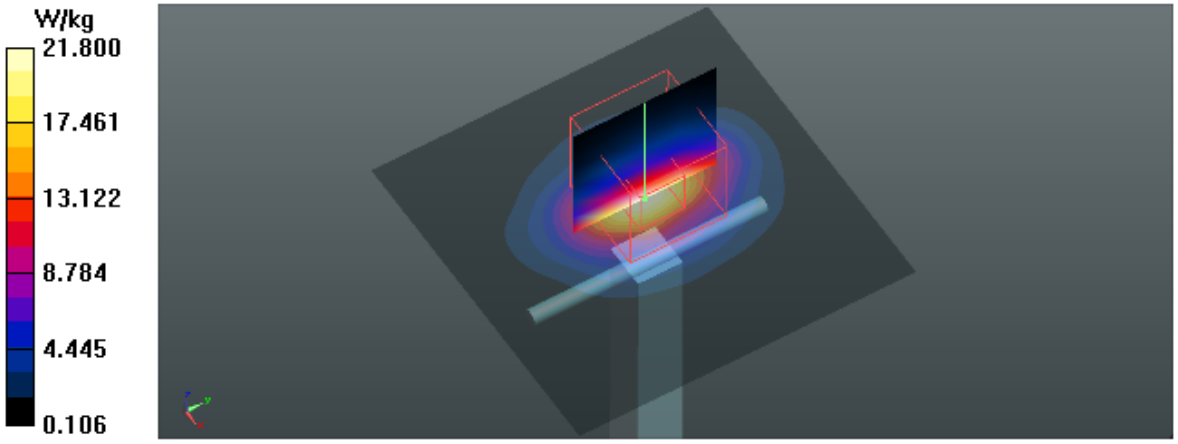
Communication System: UID 0, CW (0); Frequency: 2450 MHz; Duty Cycle: 1:1
Medium parameters used: f = 2450 MHz; σ = 1.985 S/m; ε_r = 51.431; ρ = 1000 kg/m^3
Ambient Temperature：23.1 ℃; Liquid Temperature：22.1 ℃

DASY Configuration:

- Probe: EX3DV4 - SN7396; ConvF(7.7, 7.7, 7.7) @ 2450 MHz; Calibrated: 2018/5/29
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn1390; Calibrated: 2018/5/11
- Phantom: SAM Front; Type: Twin SAM; Serial: 1784
- 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) = 21.6 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 99.84 V/m; Power Drift = 0.13 dB
Peak SAR (extrapolated) = 26.2 W/kg
SAR(1 g) = 13.2 W/kg; SAR(10 g) = 6.03 W/kg
Maximum value of SAR (measured) = 21.8 W/kg



Test Laboratory: BTL.Inc Date: 2019-04-22

System Check_H2600_0422

DUT: Dipole 2600 MHz D2600V2;SN:1067;

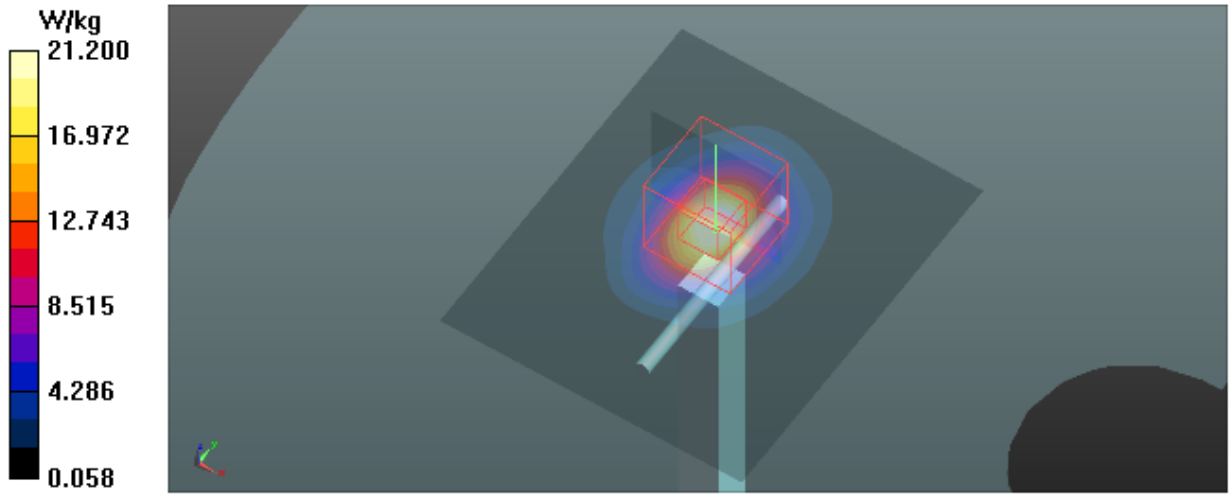
Communication System: UID 0, CW (0); Frequency: 2600 MHz; Duty Cycle: 1:1
Medium parameters used: f = 2600 MHz; σ = 2.017 S/m; ε_r = 37.68; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：22.5 ℃

DASY Configuration:

- Probe: ES3DV3 - SN3121; ConvF(4.41, 4.41, 4.41) @ 2600 MHz; Calibrated: 2019-02-25
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE3 Sn536; Calibrated: 2018-10-15
- Phantom: SAM Right v5.0; Type: QD000P40CC; Serial: TP:1469
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Area Scan (7x8x1): Interpolated grid: dx=12 mm, dy=12 mm
Maximum value of SAR (interpolated) = 23.4 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 99.40 V/m; Power Drift = 0.15 dB
Peak SAR (extrapolated) = 29.2 W/kg
SAR(1 g) = 13.4 W/kg; SAR(10 g) = 5.86 W/kg
Maximum value of SAR (measured) = 21.2 W/kg



Test Laboratory: BTL Inc. Date: 2019/4/22

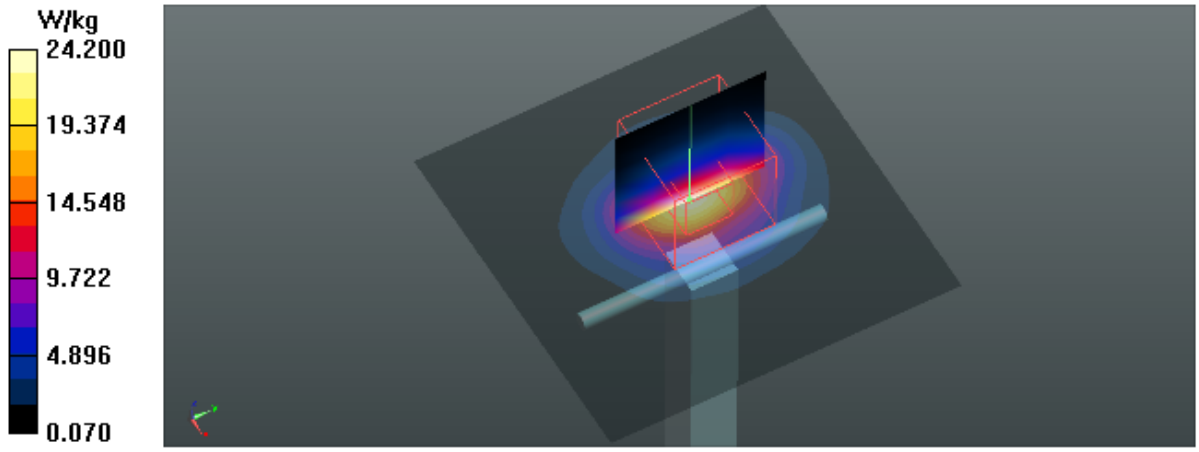
System Check_B2600_0422

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 = 2.192 S/m; ε_r = 52.097; ρ = 1000 kg/m^3
Ambient Temperature：23.1 ℃; Liquid Temperature：22.1 ℃

DASY Configuration:

- Probe: EX3DV4 - SN7396; ConvF(7.3, 7.3, 7.3) @ 2600 MHz; Calibrated: 2018/5/29
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn1390; Calibrated: 2018/5/11
- Phantom: SAM Front; Type: Twin SAM; Serial: 1784
- 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) = 23.4 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 79.82 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 29.9 W/kg
SAR(1 g) = 14 W/kg; SAR(10 g) = 6.13 W/kg
Maximum value of SAR (measured) = 24.2 W/kg