System Check_H750_1222

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 = 0.905 S/m; ε_r = 41.13; ρ = 1000 kg/m^3

Ambient Temperature：23.3 ℃; Liquid Temperature：22.1 ℃

DASY Configuration:

- Probe: EX3DV4 - SN3932; ConvF(11.06, 11.06, 11.06); Calibrated: 2016/2/19;
- 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 (6x15x1): Interpolated grid: dx=15 mm, dy=15 mm
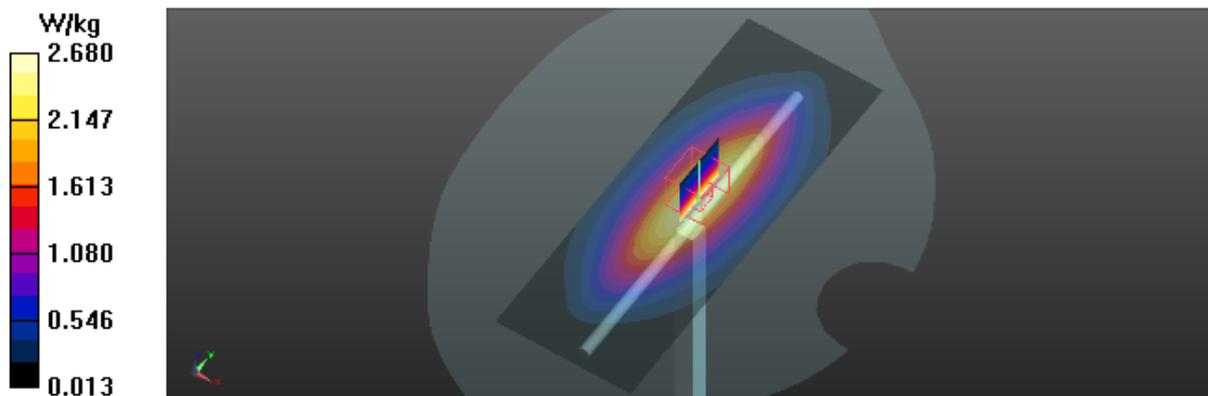
Maximum value of SAR (interpolated) = 2.68 W/kg

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

Reference Value = 54.57 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 2.95 W/kg

SAR(1 g) = 2.08 W/kg; SAR(10 g) = 1.42 W/kg

Maximum value of SAR (measured) = 2.68 W/kg

System Check_H835_1215

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 = 0.892 S/m; ε_r = 42.42; ρ = 1000 kg/m³

Ambient Temperature: 23.3 ℃; Liquid Temperature: 22.4 ℃

DASY Configuration:

- Probe: EX3DV4 - SN3932; ConvF(10.49, 10.49, 10.49); Calibrated: 2016/2/19;
- 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

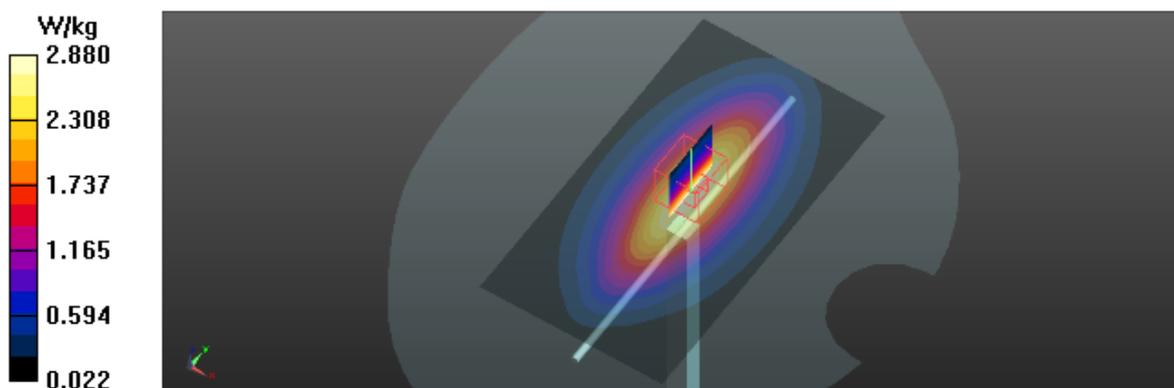Maximum value of SAR (interpolated) = 2.88 W/kg

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

Reference Value = 57.74 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 3.23 W/kg

SAR(1 g) = 2.27 W/kg; SAR(10 g) = 1.53 W/kg

Maximum value of SAR (measured) = 2.82 W/kg

System Check_H835_1221

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 = 0.928 S/m; ε_r = 43.13; ρ = 1000 kg/m^3

Ambient Temperature：23.6 ℃; Liquid Temperature: 22.4 ℃

DASY Configuration:

- Probe: EX3DV4 - SN3932; ConvF(10.49, 10.49, 10.49); Calibrated: 2016/2/19;
- 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 (7x13x1): Interpolated grid: dx=15 mm, dy=15 mm

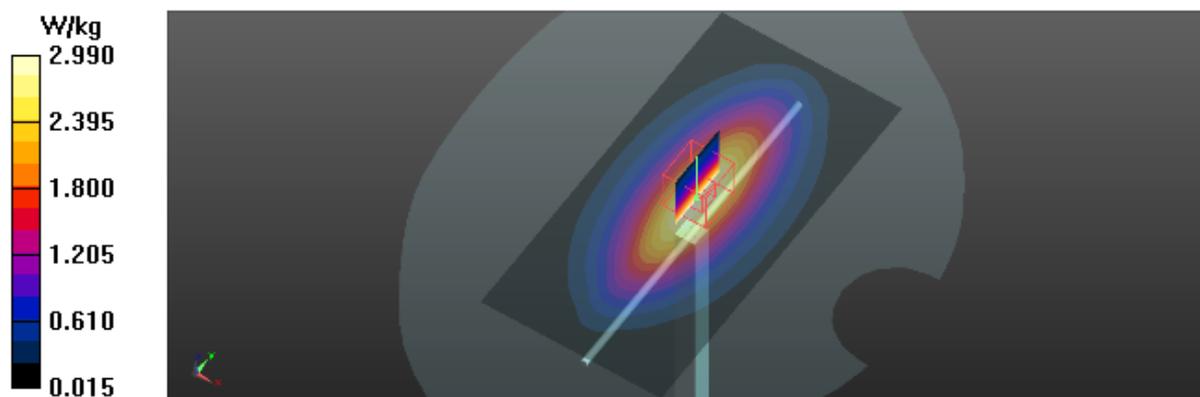Maximum value of SAR (interpolated) = 2.99 W/kg

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

Reference Value = 57.58 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 3.35 W/kg

SAR(1 g) = 2.35 W/kg; SAR(10 g) = 1.58 W/kg

Maximum value of SAR (measured) = 2.92 W/kg

System Check_H1750_1223

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 = 1.408 S/m; ε_r = 41.23; ρ = 1000 kg/m^3

Ambient Temperature: 23.3 ℃; Liquid Temperature: 22.3 ℃

DASY Configuration:

- Probe: EX3DV4 - SN3932; ConvF(8.68, 8.68, 8.68); Calibrated: 2016/2/19;
- 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 (6x7x1): Interpolated grid: dx=15 mm, dy=15 mm
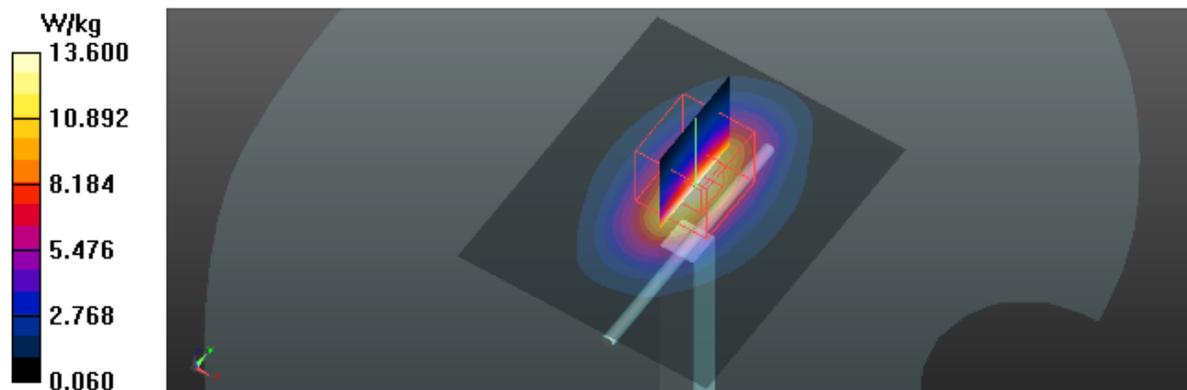
Maximum value of SAR (interpolated) = 13.6 W/kg

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

Reference Value = 94.54 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 15.0 W/kg

SAR(1 g) = 8.86 W/kg; SAR(10 g) = 4.9 W/kg

Maximum value of SAR (measured) = 12.3 W/kg

Test Laboratory: BTL Inc.   Date: 2016/12/16

System Check_H1900_1216

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 = 1.388 S/m; ε$_r$ = 41.88; ρ = 1000 kg/m^3

Ambient Temperature：23.4 ℃; Liquid Temperature：22.1 ℃

DASY Configuration:

- Probe: EX3DV4 - SN3932; ConvF(8.36, 8.36, 8.36); Calibrated: 2016/2/19;
- 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 (5x7x1): Interpolated grid: dx=15 mm, dy=15 mm

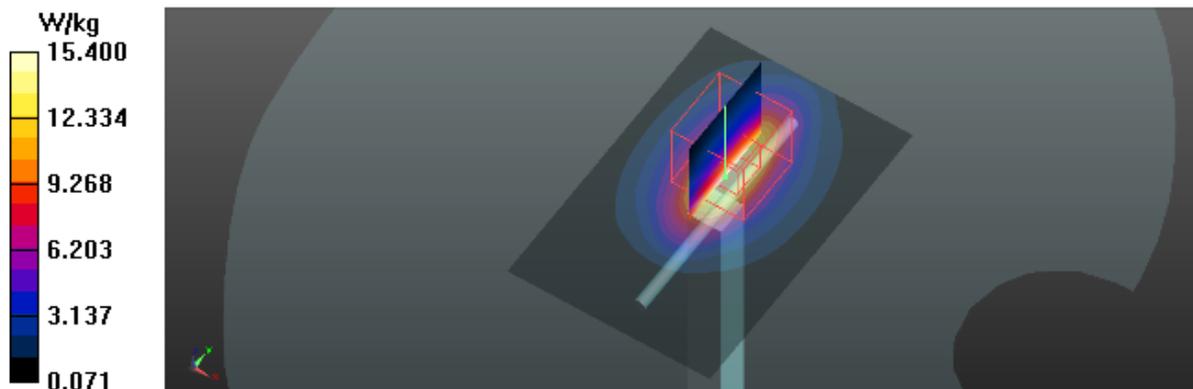Maximum value of SAR (interpolated) = 15.4 W/kg

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

Reference Value = 98.34 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 17.2 W/kg

SAR(1 g) = 9.93 W/kg; SAR(10 g) = 5.37 W/kg

Maximum value of SAR (measured) = 14.7 W/kg

System Check_H1900_1223

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 = 1.425 S/m; ε_r = 39.38; ρ = 1000 kg/m³

Ambient Temperature: 23.5 ℃; Liquid Temperature: 22.3 ℃

DASY Configuration:

- Probe: EX3DV4 - SN3932; ConvF(8.36, 8.36, 8.36); Calibrated: 2016/2/19;
- 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 (6x7x1): Interpolated grid: dx=15 mm, dy=15 mm

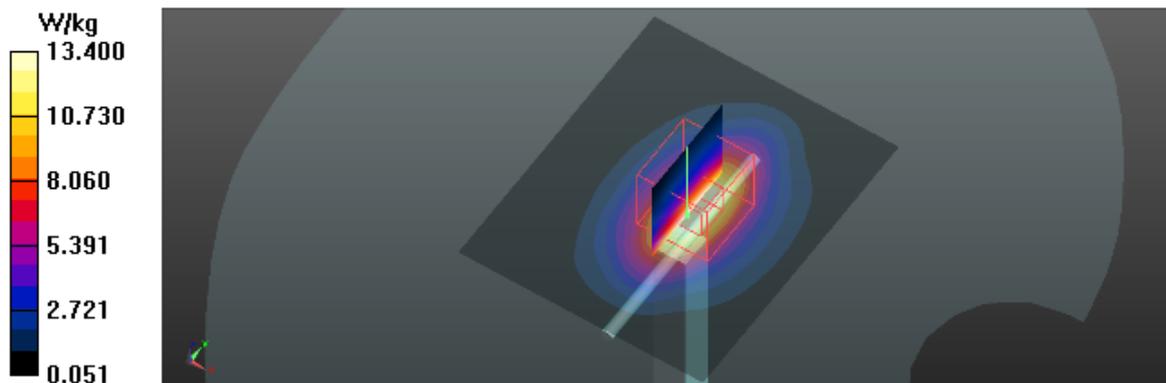Maximum value of SAR (interpolated) = 13.4 W/kg

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

Reference Value = 92.22 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 15.8 W/kg

SAR(1 g) = 9.32 W/kg; SAR(10 g) = 5.13 W/kg

Maximum value of SAR (measured) = 12.7 W/kg

Test Laboratory: BTL Inc.   Date: 2016/12/25

System Check_H2450_1225

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 = 1.835 S/m; ε$_r$ = 39.07; ρ = 1000 kg/m^3

Ambient Temperature：23.4 ℃; Liquid Temperature：22.3 ℃

DASY Configuration:

- Probe: EX3DV4 - SN3932; ConvF(7.24, 7.24, 7.24); Calibrated: 2016/2/19;
- 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 (7x7x1): Interpolated grid: dx=12 mm, dy=12 mm
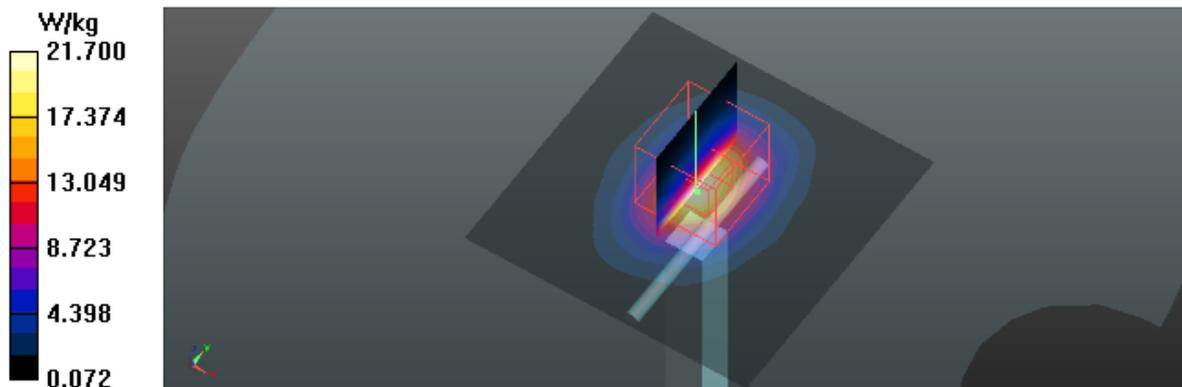
Maximum value of SAR (interpolated) = 21.7 W/kg

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

Reference Value = 107.6 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 27.9 W/kg

SAR(1 g) = 13.4 W/kg; SAR(10 g) = 6.15 W/kg

Maximum value of SAR (measured) = 22.3 W/kg

Test Laboratory: BTL Inc.   Date: 2016/12/23

System Check_H2600_1223

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 = 2.057 S/m; ε $_r$ = 37.96; ρ = 1000 kg/m^3

Ambient Temperature：23.5 ℃; Liquid Temperature：22.3 ℃

DASY Configuration:

- Probe: EX3DV4 - SN3932; ConvF(6.88, 6.88, 6.88); Calibrated: 2016/2/19;
- 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 (7x8x1): Interpolated grid: dx=12 mm, dy=12 mm
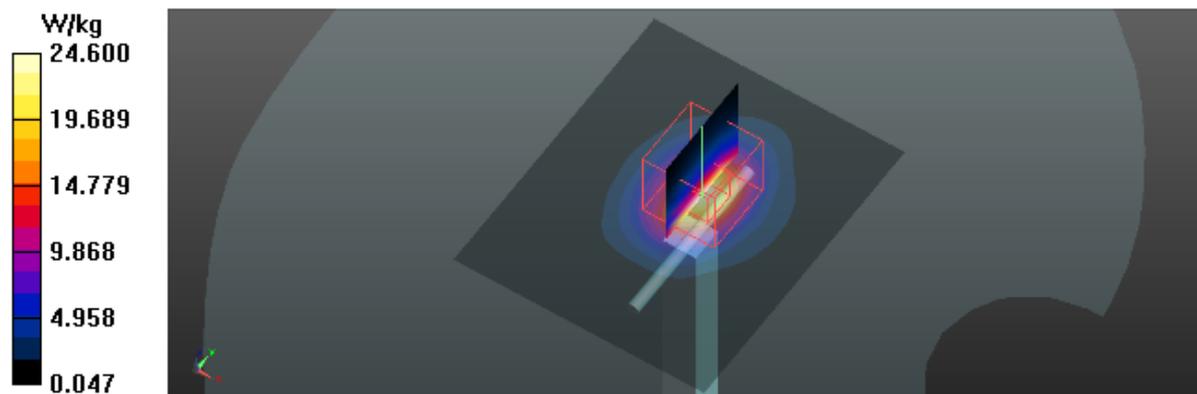
Maximum value of SAR (interpolated) = 24.6 W/kg

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

Reference Value = 102.9 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 29.1 W/kg

SAR(1 g) = 14 W/kg; SAR(10 g) = 6.36 W/kg

Maximum value of SAR (measured) = 21.5 W/kg

System Check_B750_1224

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 = 0.974 S/m; ε $_r$ = 56.62; ρ = 1000 kg/m^3

Ambient Temperature：23.1 ℃; Liquid Temperature: 22.2 ℃

DASY Configuration:

- Probe: EX3DV4 – SN3932; ConvF(10.28, 10.28, 10.28); Calibrated: 2016/2/19;
- 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

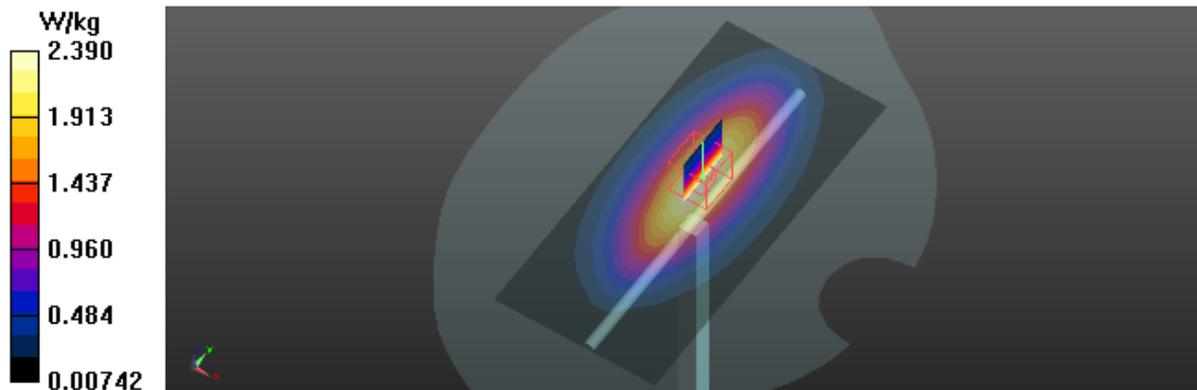Maximum value of SAR (interpolated) = 2.39 W/kg

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: 2016/12/19

<u>System Check_B835_1219</u>

<u>DUT: Dipole 835 MHz D835V2;SN:4d160;</u>

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

Medium parameters used: f = 835 MHz; σ = 1.008 S/m; ε$_r$ = 55.79; ρ = 1000 kg/m^3

Ambient Temperature：23.2 ℃； Liquid Temperature：22.4 ℃

DASY Configuration:

- Probe: EX3DV4 - SN3932; ConvF(10.22, 10.22, 10.22); Calibrated: 2016/2/19;

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

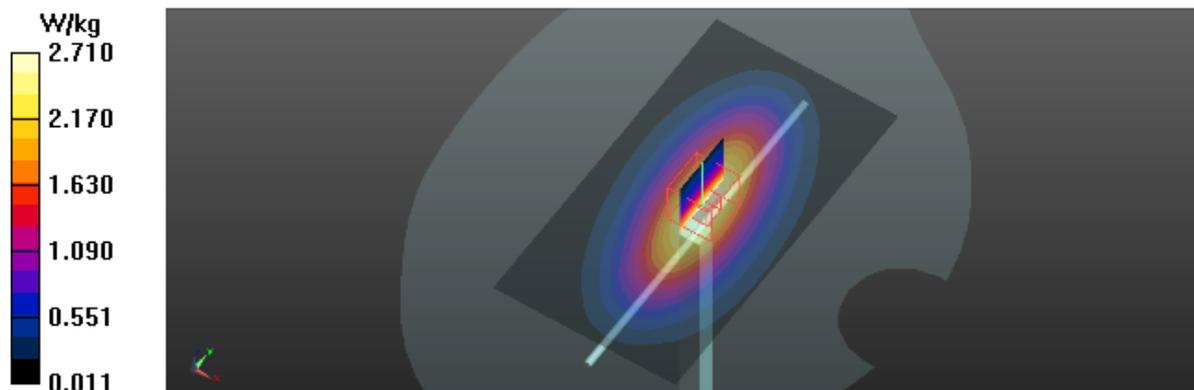Maximum value of SAR (interpolated) = 2.71 W/kg

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

Reference Value = 55.95 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 3.63 W/kg

SAR(1 g) = 2.5 W/kg; SAR(10 g) = 1.67 W/kg

Maximum value of SAR (measured) = 2.70 W/kg

Test Laboratory: BTL Inc.　　　　　　　　　Date: 2016/12/28

System Check_B835_1228

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 = 1.017 S/m; ε_r = 55.71; ρ = 1000 kg/m^3

Ambient Temperature：23.1 ℃; Liquid Temperature：22.3 ℃

DASY Configuration:

- Probe: EX3DV4 - SN3932; ConvF(10.22, 10.22, 10.22); Calibrated: 2016/2/19;
- 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
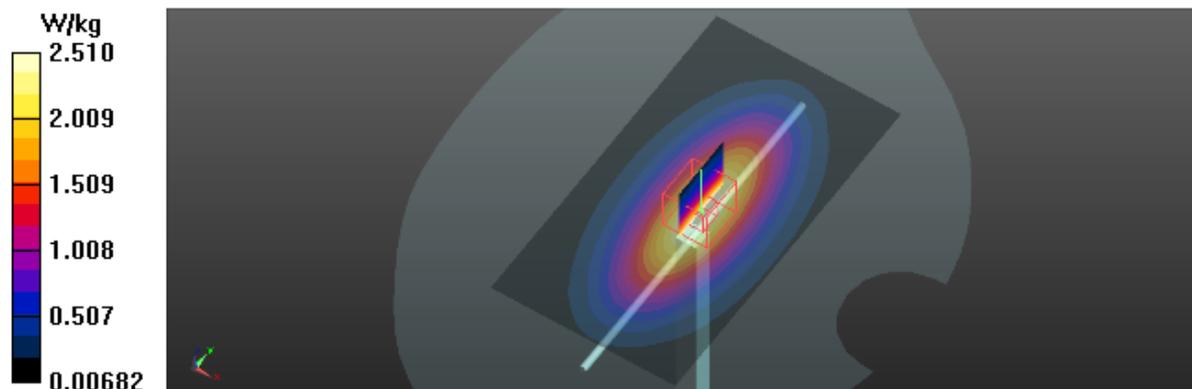
Maximum value of SAR (interpolated) = 2.51 W/kg

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

Reference Value = 52.82 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 3.40 W/kg

SAR(1 g) = 2.33 W/kg; SAR(10 g) = 1.56 W/kg

Maximum value of SAR (measured) = 2.51 W/kg

System Check_B1750_1225

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 = 1.529 S/m; ε$_r$ = 52.41; ρ = 1000 kg/m^3

Ambient Temperature：23.4 ℃; Liquid Temperature：22.3 ℃

DASY Configuration:

- Probe: EX3DV4 - SN3932; ConvF(8.38, 8.38, 8.38); Calibrated: 2016/2/19;
- 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
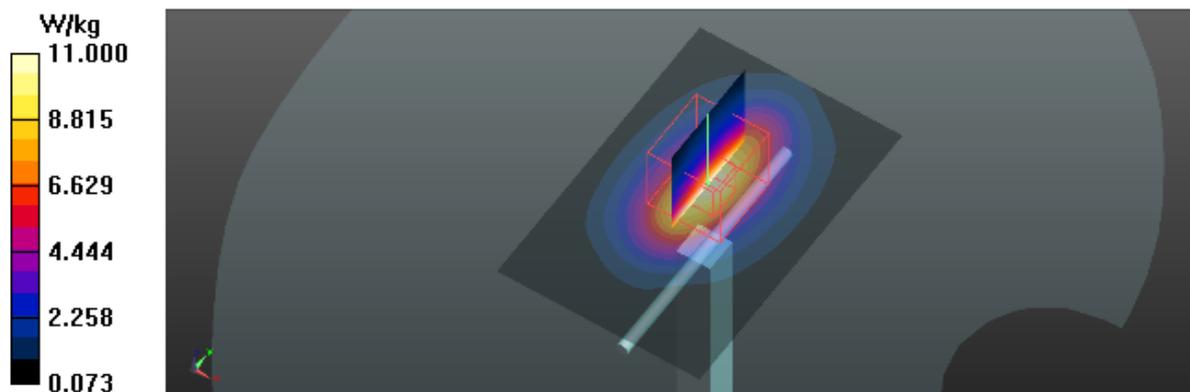
Maximum value of SAR (interpolated) = 11.0 W/kg

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

Reference Value = 91.31 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 15.4 W/kg

SAR(1 g) = 9.17 W/kg; SAR(10 g) = 5.09 W/kg

Maximum value of SAR (measured) = 10.3 W/kg

Test Laboratory: BTL Inc.   Date: 2016/12/18

System Check_B1900_1218

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 = 1.527 S/m; ε$_r$ = 52.64; ρ = 1000 kg/m^3

Ambient Temperature: 23.5 ℃; Liquid Temperature：22.3 ℃

DASY Configuration:

- Probe: EX3DV4 – SN3932; ConvF(7.94, 7.94, 7.94); Calibrated: 2016/2/19;
- 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 (5x6x1): Interpolated grid: dx=15 mm, dy=15 mm

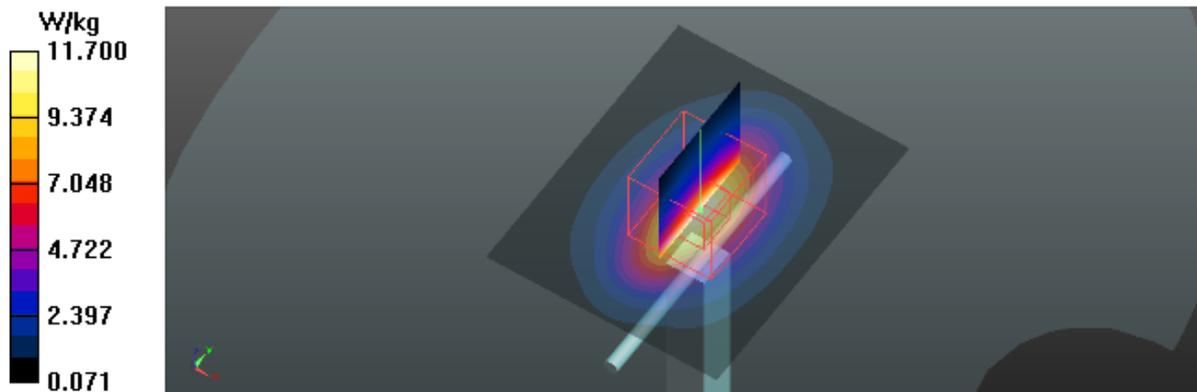Maximum value of SAR (interpolated) = 11.7 W/kg

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

Reference Value = 95.78 V/m; Power Drift = −0.08 dB

Peak SAR (extrapolated) = 16.9 W/kg

SAR(1 g) = 9.69 W/kg; SAR(10 g) = 5.2 W/kg

Maximum value of SAR (measured) = 10.9 W/kg

System Check_B1900_1227

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 = 1.554 S/m; ε $_r$ = 51.92; ρ = 1000 kg/m^3

Ambient Temperature：23.1 ℃; Liquid Temperature：22.2 ℃

DASY Configuration:

- Probe: EX3DV4 – SN3932; ConvF(7.94, 7.94, 7.94); Calibrated: 2016/2/19;
- 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 (4x5x1): Interpolated grid: dx=15 mm, dy=15 mm

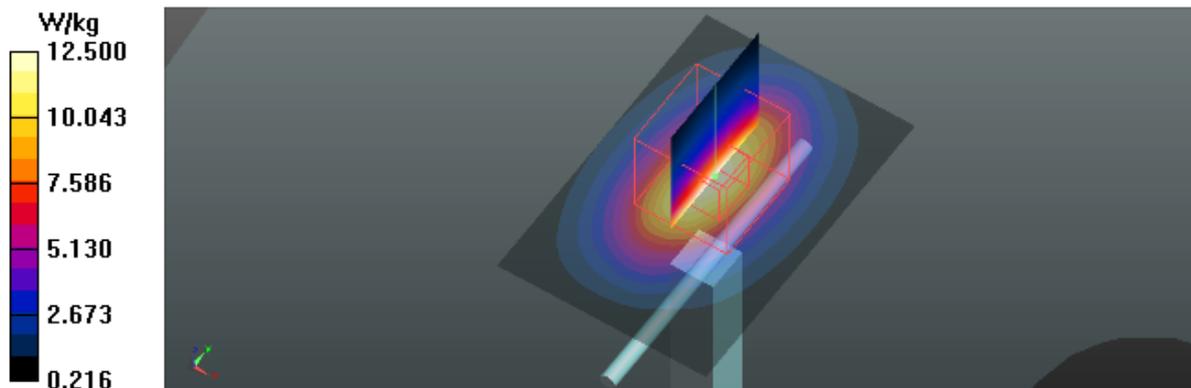Maximum value of SAR (interpolated) = 12.5 W/kg

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

Reference Value = 98.81 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 18.6 W/kg

SAR(1 g) = 10.3 W/kg; SAR(10 g) = 5.61 W/kg

Maximum value of SAR (measured) = 12.0 W/kg

Test Laboratory: BTL Inc.   Date: 2016/12/26

System Check_B2450_1226

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 = 1.976 S/m; $ε_r$ = 51.63; ρ = 1000 kg/m³

Ambient Temperature: 23.7 ℃; Liquid Temperature: 22.1 ℃

DASY Configuration:

- Probe: EX3DV4 – SN3932; ConvF(7.52, 7.52, 7.52); Calibrated: 2016/2/19;
- 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 (5x7x1): Interpolated grid: dx=12 mm, dy=12 mm
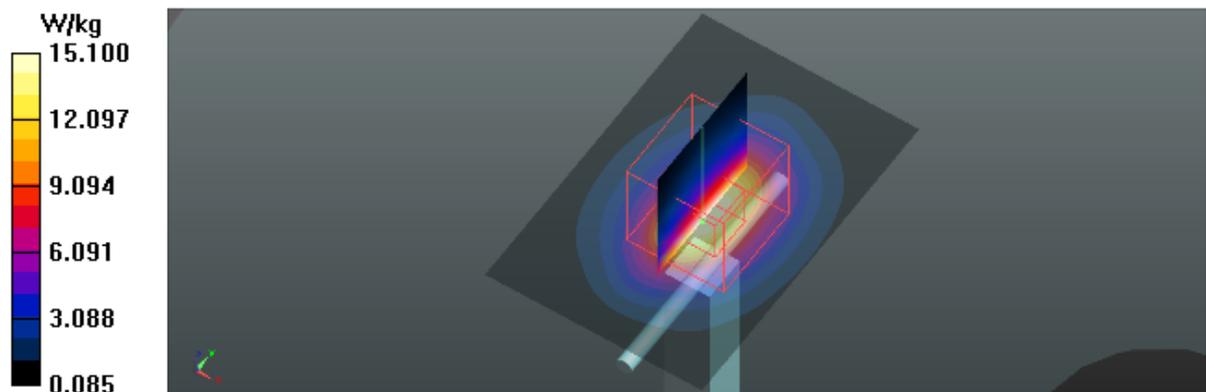
Maximum value of SAR (interpolated) = 15.1 W/kg

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

Reference Value = 97.29 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 25.0 W/kg

SAR(1 g) = 12.5 W/kg; SAR(10 g) = 5.88 W/kg

Maximum value of SAR (measured) = 14.3 W/kg

Test Laboratory: BTL Inc.   Date: 2016/12/26

System Check_B2600_1226

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 = 2.234 S/m; ε $_r$ = 52.46; ρ = 1000 kg/m^3

Ambient Temperature：23.6 ℃; Liquid Temperature：22.1 ℃

DASY Configuration:

- Probe: EX3DV4 - SN3932; ConvF(6.99, 6.99, 6.99); Calibrated: 2016/2/19;
- 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 (6x7x1): Interpolated grid: dx=12 mm, dy=12 mm

Maximum value of SAR (interpolated) = 18.1 W/kg

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

Reference Value = 93.93 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 29.8 W/kg

SAR(1 g) = 13.8 W/kg; SAR(10 g) = 6.15 W/kg

Maximum value of SAR (measured) = 15.9 W/kg