System Check_H835_0116

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 = 0.902 S/m; ε_r = 42.4; ρ = 1000 kg/m³

Ambient Temperature：23.3 ℃; Liquid Temperature：22.1 ℃

DASY Configuration:

- Probe: EX3DV4 - SN3932; ConvF(9.75, 9.75, 9.75); Calibrated: 01/30/2015;
- Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn1390; Calibrated: 09/18/2015
- Phantom: SAM Front; Type: Twin SAM; Serial: 1784
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Area Scan (5x12x1): Interpolated grid: dx=15 mm, dy=15 mm
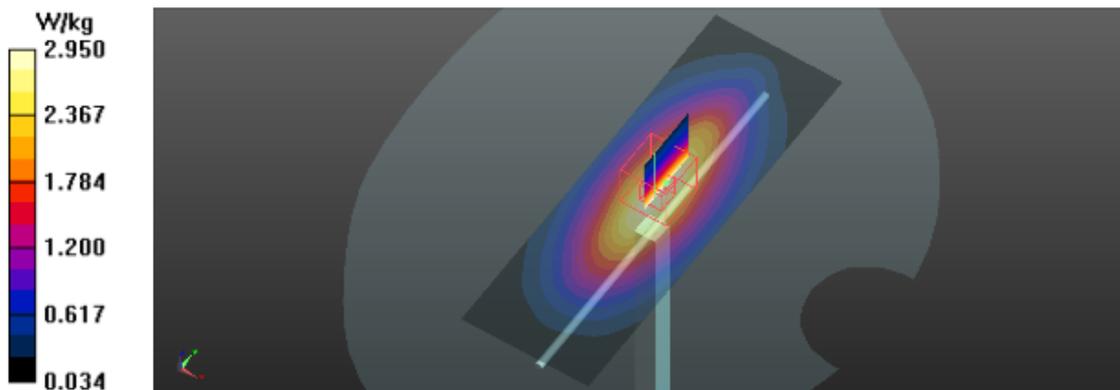
Maximum value of SAR (interpolated) = 2.95 W/kg

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

Reference Value = 57.68 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 3.26 W/kg

SAR(1 g) = 2.39 W/kg; SAR(10 g) = 1.55 W/kg

Maximum value of SAR (measured) = 2.87 W/kg

System Check_H1750_0118

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 = 1.379 S/m; ε$_r$ = 39.47; ρ = 1000 kg/m^3

Ambient Temperature：23.1 ℃; Liquid Temperature：22.4 ℃

DASY Configuration:

- Probe: EX3DV4 - SN3932; ConvF(8.42, 8.42, 8.42); Calibrated: 1/30/2015;
- Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn1390; Calibrated: 09/18/2015
- Phantom: SAM Right; Type: Twin SAM; Serial: 1896
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Area Scan (6x6x1): Interpolated grid: dx=15 mm, dy=15 mm
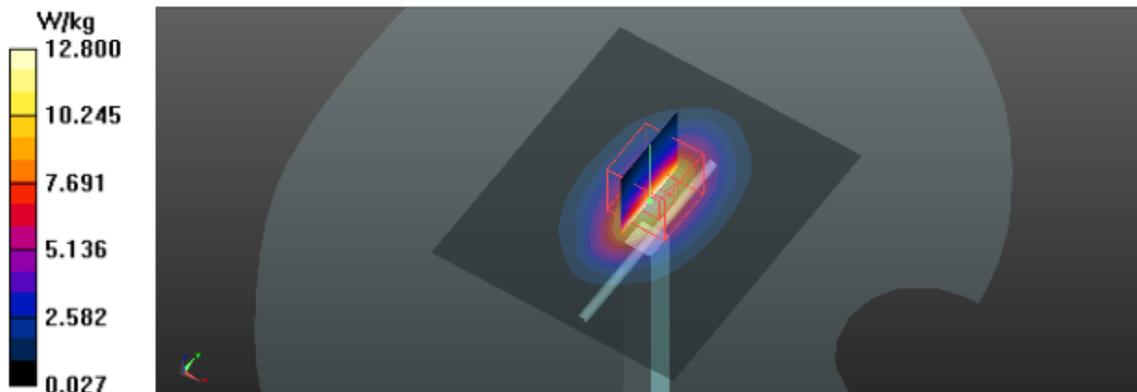
Maximum value of SAR (interpolated) = 12.8 W/kg

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

Reference Value = 93.11 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 14.2 W/kg

SAR(1 g) = 8.96 W/kg; SAR(10 g) = 4.86 W/kg

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

System Check_H1900_0119

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 = 1.423 S/m; ε $_r$ = 39.39; ρ = 1000 kg/m^3

Ambient Temperature：23.1 ℃; Liquid Temperature：22.2 ℃

DASY Configuration:

- Probe: EX3DV4 - SN3932; ConvF(8.23, 8.23, 8.23); Calibrated: 01/30/2015;
- Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn1390; Calibrated: 09/18/2015
- Phantom: SAM Right; Type: Twin SAM; Serial: 1896
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Area Scan (6x6x1): Interpolated grid: dx=15 mm, dy=15 mm

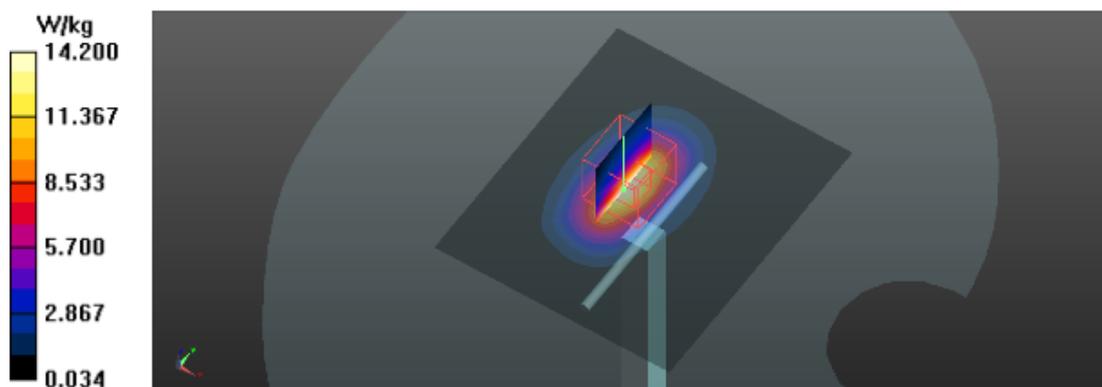Maximum value of SAR (interpolated) = 14.2 W/kg

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

Reference Value = 83.48 V/m; Power Drift = −0.02 dB

Peak SAR (extrapolated) = 15.4 W/kg

SAR(1 g) = 10.02 W/kg; SAR(10 g) = 5.14 W/kg

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

Test Laboratory: BTL Inc.   Date: 1/19/2016

System Check_H2450_0119

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 = 1.85 S/m; $ε_r$ = 38.88; ρ = 1000 kg/m^3

Ambient Temperature：23.2 ℃; Liquid Temperature：22.3 ℃

DASY Configuration:

- Probe: EX3DV4 - SN3932; ConvF(7.38, 7.38, 7.38); Calibrated: 01/30/2015;
- Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn1390; Calibrated: 09/18/2015
- Phantom: SAM Right; Type: Twin SAM; Serial: 1896
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Area Scan (7x7x1): Interpolated grid: dx=12 mm, dy=12 mm
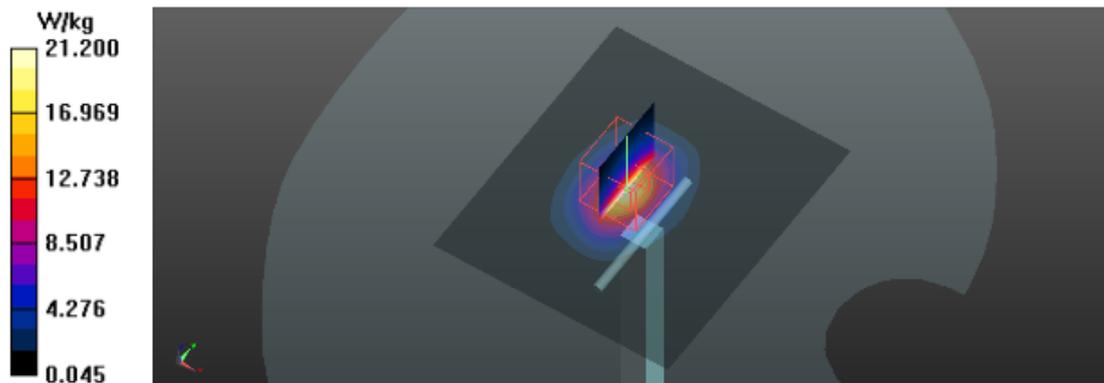
Maximum value of SAR (interpolated) = 21.2 W/kg

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

Reference Value = 89.98 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 23.8 W/kg

SAR(1 g) = 12.88 W/kg; SAR(10 g) = 6.12 W/kg

Maximum value of SAR (measured) = 18.9 W/kg

System Check_H2600_0128

DUT: Dipole 2600 MHz D2450V2;SN:1067;

Communication System: UID 0, CW (0); Frequency: 2600 MHz; Duty Cycle: 1:1

Medium parameters used: f = 2600 MHz; σ = 1.983 S/m; ε $_r$ = 38.01; ρ = 1000 kg/m^3

Ambient Temperature：23.5 ℃; Liquid Temperature：22.4 ℃

DASY Configuration:

- Probe: EX3DV4 - SN3932; ConvF(7.2, 7.2, 7.2); Calibrated: 01/30/2015;
- Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn1390; Calibrated: 09/18/2015
- Phantom: SAM Right; Type: Twin SAM; Serial: 1896
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Area Scan (7x7x1): Interpolated grid: dx=12 mm, dy=12 mm
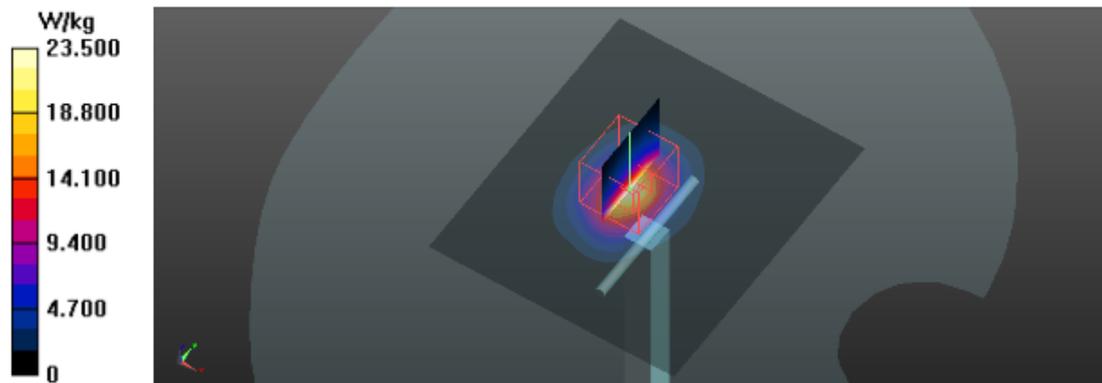
Maximum value of SAR (interpolated) = 23.5 W/kg

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

Reference Value = 89.56 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 27.1 W/kg

SAR(1 g) = 14.05 W/kg; SAR(10 g) = 6.42 W/kg

Maximum value of SAR (measured) = 20.8 W/kg

Test Laboratory: BTL Inc.   Date: 01/15/2016

System Check_B835_0115

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 = 54.29; ρ = 1000 kg/m^3

Ambient Temperature：23.4 ℃; Liquid Temperature：22.1 ℃

DASY Configuration:

- Probe: EX3DV4 - SN3932; ConvF(10.19, 10.19, 10.19); Calibrated: 01/30/2015;
- Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn1390; Calibrated: 09/18/2015
- Phantom: SAM Front; Type: Twin SAM; Serial: 1784
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Area Scan (5x12x1): Interpolated grid: dx=15 mm, dy=15 mm

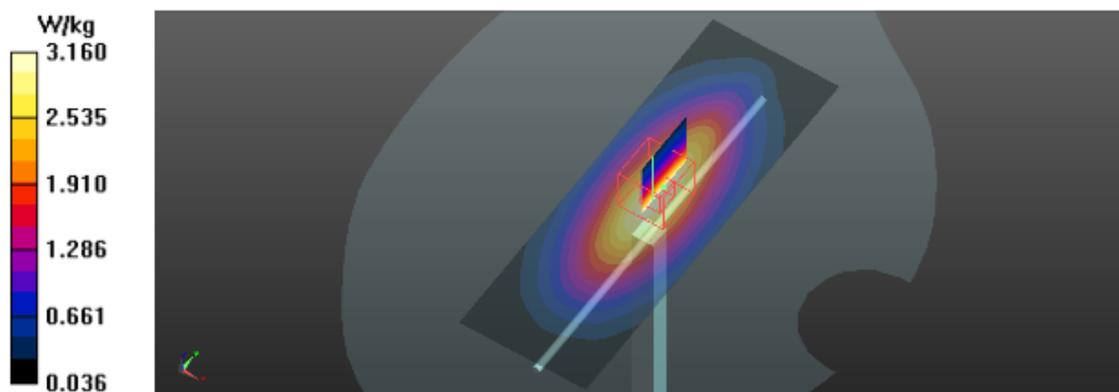Maximum value of SAR (interpolated) = 3.16 W/kg

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

Reference Value = 58.24 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 3.47 W/kg

SAR(1 g) = 2.42 W/kg; SAR(10 g) = 1.75 W/kg

Maximum value of SAR (measured) = 3.05 W/kg

Test Laboratory: BTL Inc.   Date: 01/17/2016

System Check_B1750_0117

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 = 1.461 S/m; ε $_r$ = 54.19; ρ = 1000 kg/m^3

Ambient Temperature：23.2 ℃; Liquid Temperature：22.4 ℃

DASY Configuration:

- Probe: EX3DV4 - SN3932; ConvF(8.08, 8.08, 8.08); Calibrated: 01/30/2015;
- Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn1390; Calibrated: 09/18/2015
- Phantom: SAM Right; Type: Twin SAM; Serial: 1896
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Area Scan (7x8x1): Interpolated grid: dx=15 mm, dy=15 mm

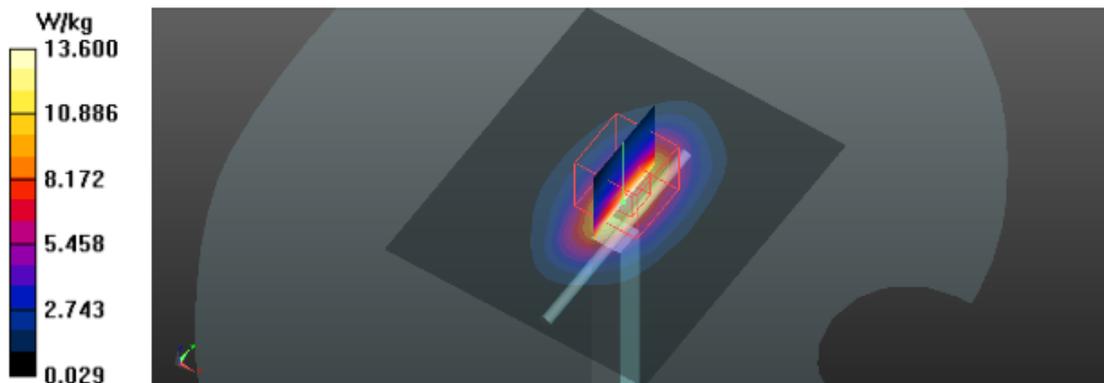Maximum value of SAR (interpolated) = 13.6 W/kg

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

Reference Value = 92.86 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 15.1 W/kg

SAR(1 g) = 9.28 W/kg; SAR(10 g) = 5.19 W/kg

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

Test Laboratory: BTL Inc.   Date: 01/16/2016

System Check_B1900_0116

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 = 1.55 S/m; ε$_r$ = 52.04; ρ = 1000 kg/m^3

Ambient Temperature：23.1 ℃； Liquid Temperature：22.3 ℃

DASY Configuration:

- Probe: EX3DV4 - SN3932; ConvF(7.86, 7.86, 7.86); Calibrated: 01/30/2015;
- Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn1390; Calibrated: 09/18/2015
- Phantom: SAM Right; Type: Twin SAM; Serial: 1896
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Area Scan (7x8x1): Interpolated grid: dx=15 mm, dy=15 mm
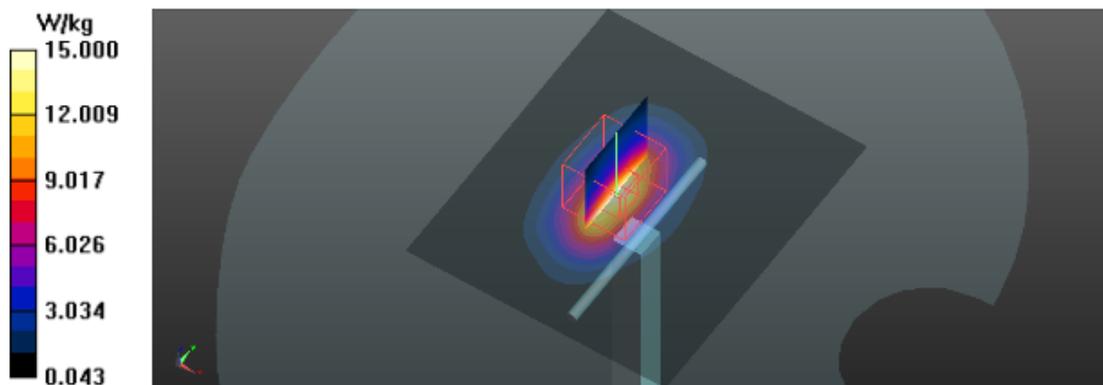
Maximum value of SAR (interpolated) = 15.0 W/kg

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

Reference Value = 82.52 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 15.8 W/kg

SAR(1 g) = 9.91 W/kg; SAR(10 g) = 5.5 W/kg

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

Test Laboratory: BTL Inc.   Date: 01/16/2016

System Check_B2450_0116

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 = 1.995 S/m; ε $_r$ = 53.1; ρ = 1000 kg/m^3

Ambient Temperature：23.5 ℃; Liquid Temperature：22.2 ℃

DASY Configuration:

- Probe: EX3DV4 - SN3932; ConvF(7.6, 7.6, 7.6); Calibrated: 01/30/2015;
- Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn1390; Calibrated: 09/18/2015
- Phantom: SAM Right; Type: Twin SAM; Serial: 1896
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Area Scan (8x10x1): Interpolated grid: dx=12 mm, dy=12 mm
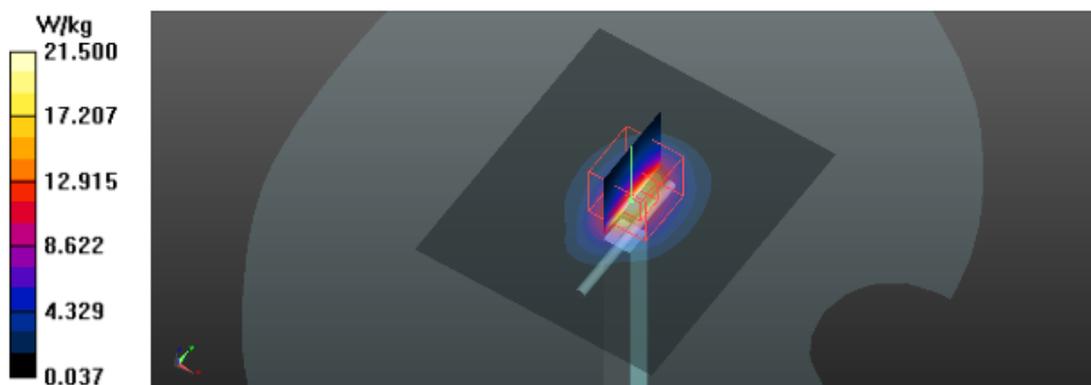
Maximum value of SAR (interpolated) = 21.5 W/kg

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

Reference Value = 99.61 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 24.5 W/kg

SAR(1 g) = 13.30 W/kg; SAR(10 g) = 6.38 W/kg

Maximum value of SAR (measured) = 19.4 W/kg

Test Laboratory: BTL Inc.   Date: 01/28/2016

System Check_B2600_0128

DUT: Dipole 2600 MHz D2450V2;SN:1067;

Communication System: UID 0, CW (0); Frequency: 2600 MHz; Duty Cycle: 1:1

Medium parameters used: f = 2600 MHz; σ = 2.2 S/m; ε$_r$ = 52.4; ρ = 1000 kg/m^3

Ambient Temperature：23.4 ℃; Liquid Temperature：22.3 ℃

DASY Configuration:

- Probe: EX3DV4 - SN3932; ConvF(7.48, 7.48, 7.48); Calibrated: 01/30/2015;
- Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn1390; Calibrated: 09/18/2015
- Phantom: SAM Front; Type: Twin SAM; Serial: 1784
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Area Scan (8x10x1): Interpolated grid: dx=12 mm, dy=12 mm

Maximum value of SAR (interpolated) = 20.6 W/kg

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

Reference Value = 80.47 V/m; Power Drift = −0.06 dB

Peak SAR (extrapolated) = 23.9 W/kg

SAR(1 g) = 13.10 W/kg; SAR(10 g) = 5.97 W/kg

Maximum value of SAR (measured) = 18.8 W/kg