System Check_B2450_0307

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 = 1.992 S/m; ε_r = 51.583; ρ = 1000 kg/m^3

Ambient Temperature：23.2 ℃; Liquid Temperature：22.5 ℃

DASY Configuration:

- Probe: EX3DV4 - SN7396; ConvF(7.53, 7.53, 7.53); Calibrated: 2017/5/25;
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn1390; Calibrated: 2017/9/15
- 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

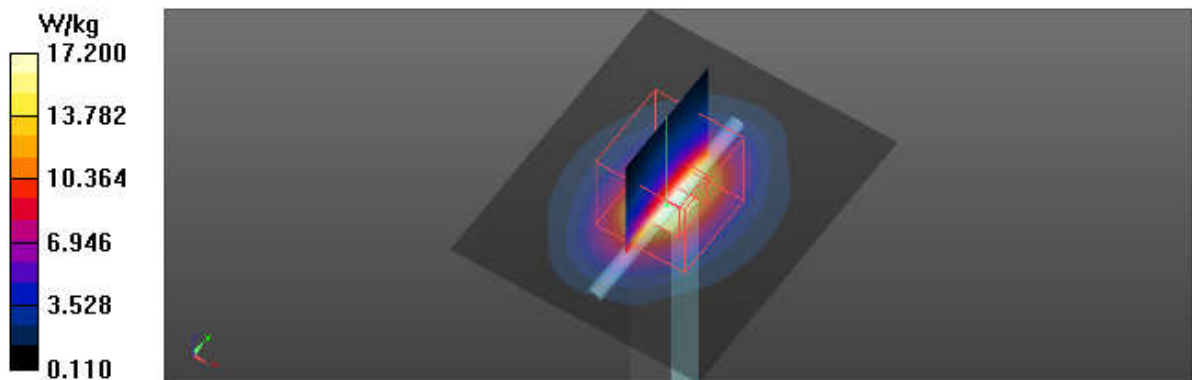Maximum value of SAR (interpolated) = 17.2 W/kg

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

Reference Value = 103.0 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 26.3 W/kg

SAR(1 g) = 13.3 W/kg; SAR(10 g) = 6.39 W/kg

Maximum value of SAR (measured) = 15.2 W/kg

System Check_B5200_0308

DUT: Dipole D5GHzV2;SN;1160;

Communication System: UID 0, CW (0); Frequency: 5200 MHz; Duty Cycle: 1:1

Medium parameters used: f = 5200 MHz; σ = 5.427 S/m; ε_r = 47.838; ρ = 996 kg/m^3

Ambient Temperature: 23.4 ℃; Liquid Temperature: 22.6 ℃

DASY Configuration:

- Probe: EX3DV4 - SN7396; ConvF(4.93, 4.93, 4.93); Calibrated: 2017/5/25;
- Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 23.0
- Electronics: DAE4 Sn1390; Calibrated: 2017/9/15
- 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

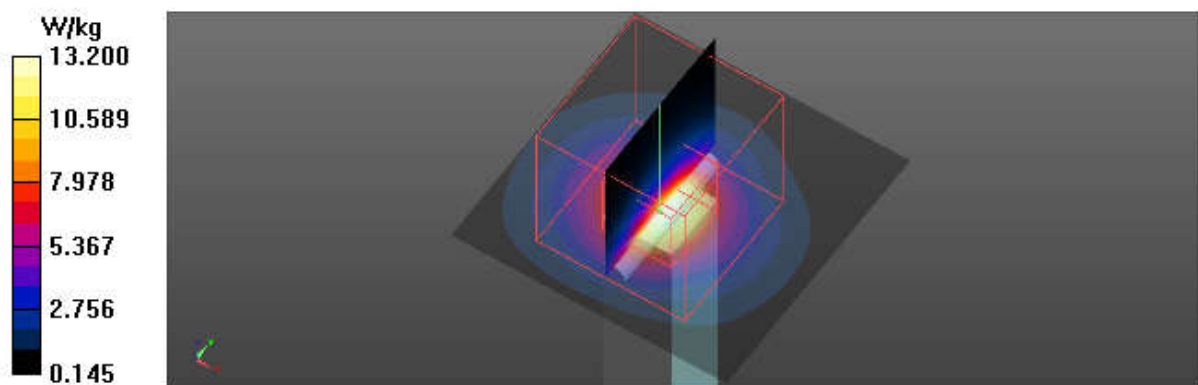Maximum value of SAR (interpolated) = 13.2 W/kg

Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 37.98 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 23.4 W/kg

SAR(1 g) = 7.44 W/kg; SAR(10 g) = 2.13 W/kg

Maximum value of SAR (measured) = 13.7 W/kg

Test Laboratory: BTL Inc.   Date: 2018/3/9

System Check_B5200_0309

DUT: Dipole D5GHzV2;SN;1160;

Communication System: UID 0, CW (0); Frequency: 5200 MHz; Duty Cycle: 1:1

Medium parameters used: f = 5200 MHz; σ = 5.353 S/m; $ε_r$ = 47.62; ρ = 996 kg/m³

Ambient Temperature：23.4 ℃; Liquid Temperature：22.5 ℃

DASY Configuration:

- Probe: EX3DV4 - SN7396; ConvF(4.93, 4.93, 4.93); Calibrated: 2017/5/25;
- Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 23.0
- Electronics: DAE4 Sn1390; Calibrated: 2017/9/15
- 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
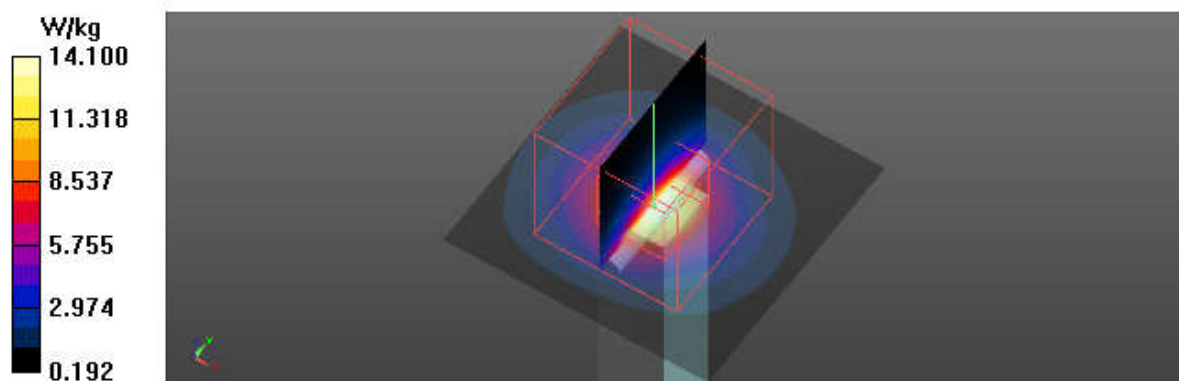
Maximum value of SAR (interpolated) = 14.1 W/kg

Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 38.67 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 25.0 W/kg

SAR(1 g) = 7.52 W/kg; SAR(10 g) = 2.17 W/kg

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

Test Laboratory: BTL Inc.   Date: 2018/3/10

System Check_B5200_0310

DUT: Dipole D5GHzV2;SN;1160;

Communication System: UID 0, CW (0); Frequency: 5200 MHz; Duty Cycle: 1:1

Medium parameters used: f = 5200 MHz; σ = 5.34 S/m; ε_r = 47.522; ρ = 996 kg/m^3

Ambient Temperature：23.3 ℃; Liquid Temperature：22.5 ℃

DASY Configuration:

- Probe: EX3DV4 - SN7396; ConvF(4.93, 4.93, 4.93); Calibrated: 2017/5/25;
- Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 23.0
- Electronics: DAE4 Sn1390; Calibrated: 2017/9/15
- 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

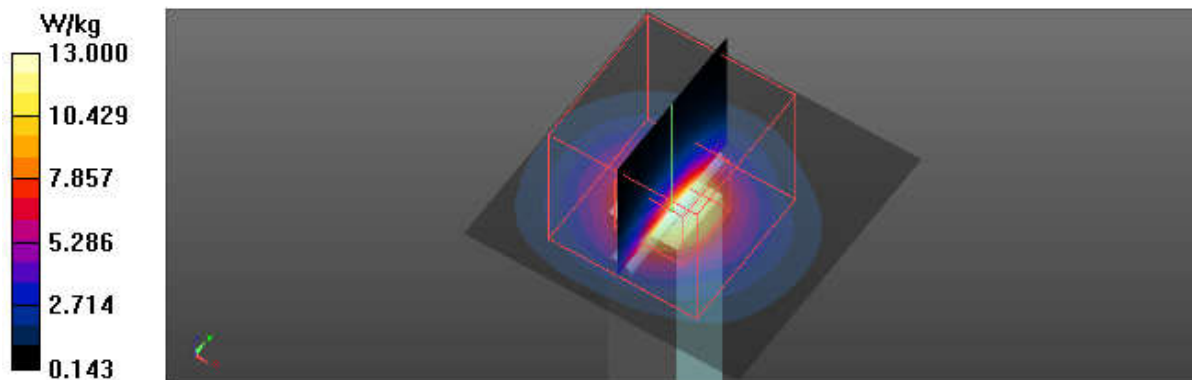Maximum value of SAR (interpolated) = 13.0 W/kg

Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 37.98 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 23.0 W/kg

SAR(1 g) = 7.43 W/kg; SAR(10 g) = 2.15 W/kg

Maximum value of SAR (measured) = 13.5 W/kg

Test Laboratory: BTL Inc.   Date: 2018/3/8

System Check_B5300_0308

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 = 5.57 S/m; ε_r = 47.637; ρ = 996 kg/m^3

Ambient Temperature：23.4 ℃; Liquid Temperature：22.6 ℃

DASY Configuration:

- Probe: EX3DV4 - SN7396; ConvF(4.93, 4.93, 4.93); Calibrated: 2017/5/25;
- Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 23.0
- Electronics: DAE4 Sn1390; Calibrated: 2017/9/15
- 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

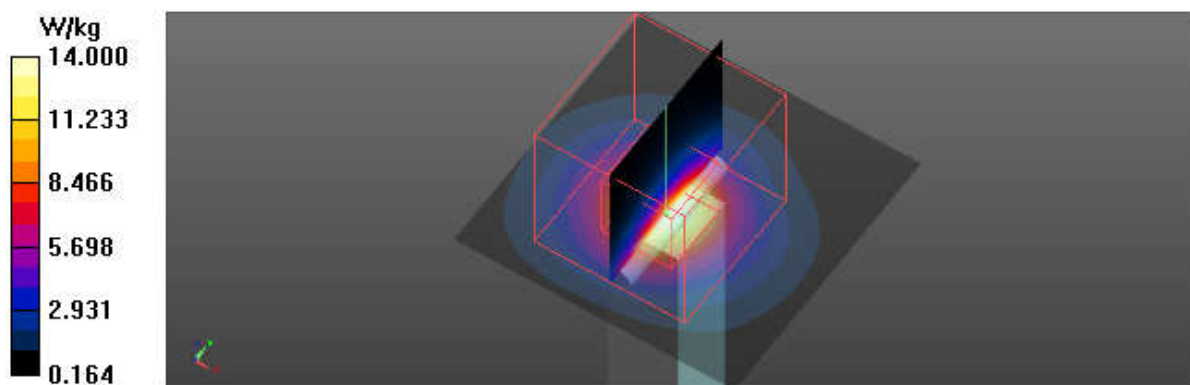Maximum value of SAR (interpolated) = 14.0 W/kg

Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 37.97 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 25.6 W/kg

SAR(1 g) = 7.53 W/kg; SAR(10 g) = 2.18 W/kg

Maximum value of SAR (measured) = 14.5 W/kg

Test Laboratory: BTL Inc.   Date: 2018/3/9

System Check_B5300_0309

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 = 5.487 S/m; ε_r = 47.447; ρ = 996 kg/m^3

Ambient Temperature：23.4 ℃; Liquid Temperature：22.5 ℃

DASY Configuration:

- Probe: EX3DV4 - SN7396; ConvF(4.93, 4.93, 4.93); Calibrated: 2017/5/25;
- Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 23.0
- Electronics: DAE4 Sn1390; Calibrated: 2017/9/15
- 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

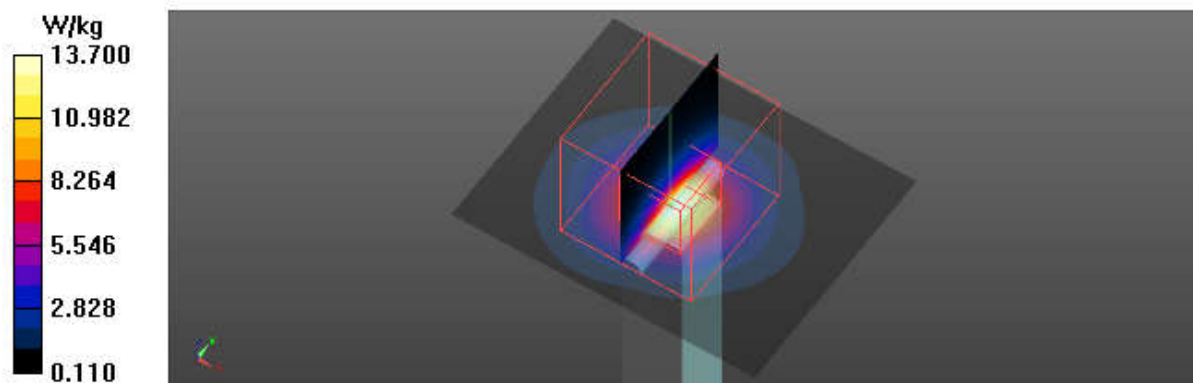Maximum value of SAR (interpolated) = 13.7 W/kg

Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 37.01 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 23.8 W/kg

SAR(1 g) = 7.48 W/kg; SAR(10 g) = 2.12 W/kg

Maximum value of SAR (measured) = 13.7 W/kg

Test Laboratory: BTL Inc.   Date: 2018/3/10

System Check_B5300_0310

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 = 5.48 S/m; $ε_r$ = 47.297; ρ = 996 kg/m^3

Ambient Temperature：23.3 ℃; Liquid Temperature：22.5 ℃

DASY Configuration:

- Probe: EX3DV4 - SN7396; ConvF(4.93, 4.93, 4.93); Calibrated: 2017/5/25;
- Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 23.0
- Electronics: DAE4 Sn1390; Calibrated: 2017/9/15
- 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

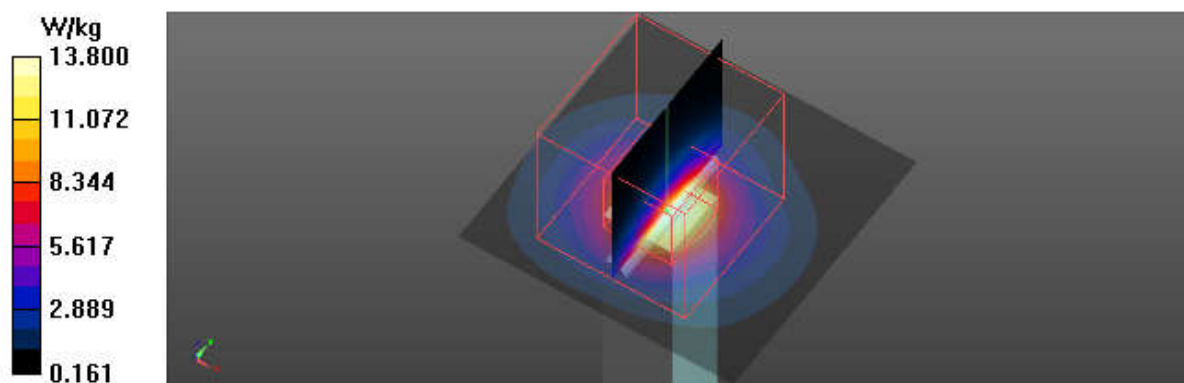Maximum value of SAR (interpolated) = 13.8 W/kg

Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 37.97 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 25.2 W/kg

SAR(1 g) = 7.47 W/kg; SAR(10 g) = 2.17 W/kg

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

System Check_B5600_0308

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 = 5.99 S/m; ε_r = 47.018; ρ = 996 kg/m^3

Ambient Temperature：23.4 ℃; Liquid Temperature：22.6 ℃

DASY Configuration:

- Probe: EX3DV4 - SN7396; ConvF(4.19, 4.19, 4.19); Calibrated: 2017/5/25;
- Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 23.0
- Electronics: DAE4 Sn1390; Calibrated: 2017/9/15
- 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

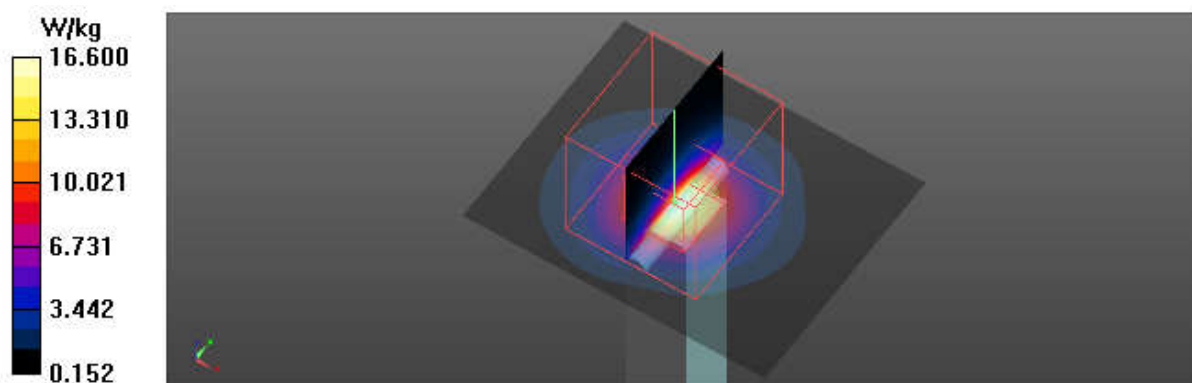Maximum value of SAR (interpolated) = 16.6 W/kg

Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 38.34 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 29.4 W/kg

SAR(1 g) = 8.03 W/kg; SAR(10 g) = 2.35 W/kg

Maximum value of SAR (measured) = 16.6 W/kg

Test Laboratory: BTL Inc.   Date: 2018/3/9

System Check_B5600_0309

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 = 5.92 S/m; ε_r = 46.9; ρ = 996 kg/m^3

Ambient Temperature：23.4 ℃; Liquid Temperature：22.5 ℃

DASY Configuration:

- Probe: EX3DV4 - SN7396; ConvF(4.19, 4.19, 4.19); Calibrated: 2017/5/25;
- Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 23.0
- Electronics: DAE4 Sn1390; Calibrated: 2017/9/15
- 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

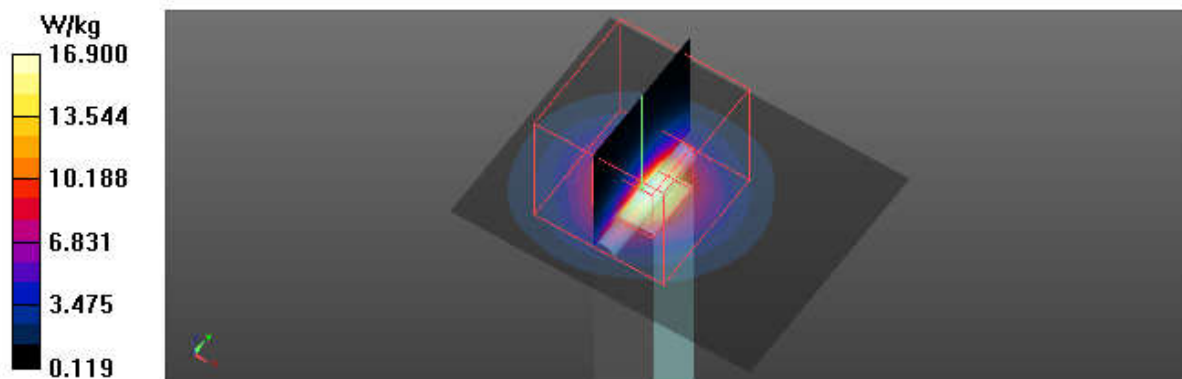Maximum value of SAR (interpolated) = 16.9 W/kg

Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 38.58 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 29.5 W/kg

SAR(1 g) = 8 W/kg; SAR(10 g) = 2.34 W/kg

Maximum value of SAR (measured) = 16.5 W/kg

Test Laboratory: BTL Inc.   Date: 2018/3/10

System Check_B5600_0310

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 = 5.885 S/m; ε$_r$ = 46.679; ρ = 996 kg/m^3

Ambient Temperature: 23.3 ℃; Liquid Temperature: 22.5 ℃

DASY Configuration:

- Probe: EX3DV4 - SN7396; ConvF(4.19, 4.19, 4.19); Calibrated: 2017/5/25;
- Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 23.0
- Electronics: DAE4 Sn1390; Calibrated: 2017/9/15
- 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

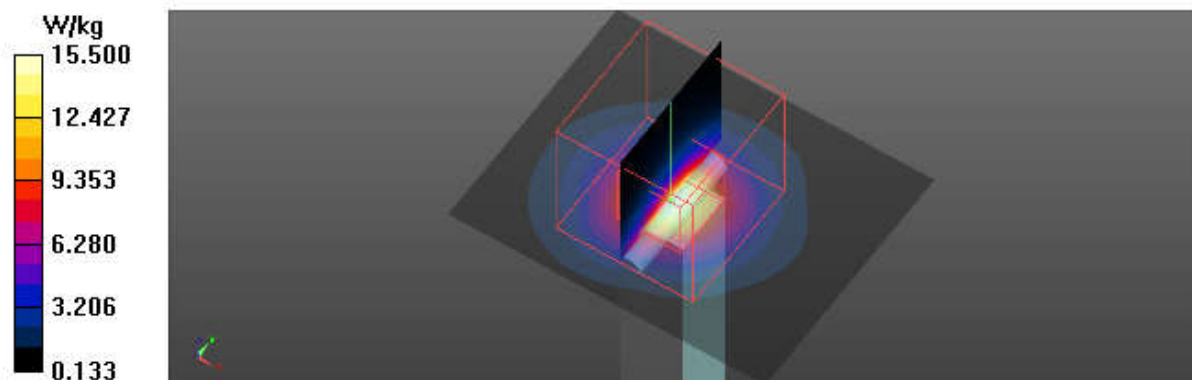Maximum value of SAR (interpolated) = 15.5 W/kg

Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 37.33 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 27.2 W/kg

SAR(1 g) = 7.88 W/kg; SAR(10 g) = 2.26 W/kg

Maximum value of SAR (measured) = 15.2 W/kg

Test Laboratory: BTL Inc.   Date: 2018/3/8

System Check_B5800_0308

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 = 6.239 S/m; $ε_r$ = 46.636; ρ = 996 kg/m³

Ambient Temperature：23.4 ℃; Liquid Temperature：22.6 ℃

DASY Configuration:

- Probe: EX3DV4 - SN7396; ConvF(4.52, 4.52, 4.52); Calibrated: 2017/5/25;
- Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 23.0
- Electronics: DAE4 Sn1390; Calibrated: 2017/9/15
- 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

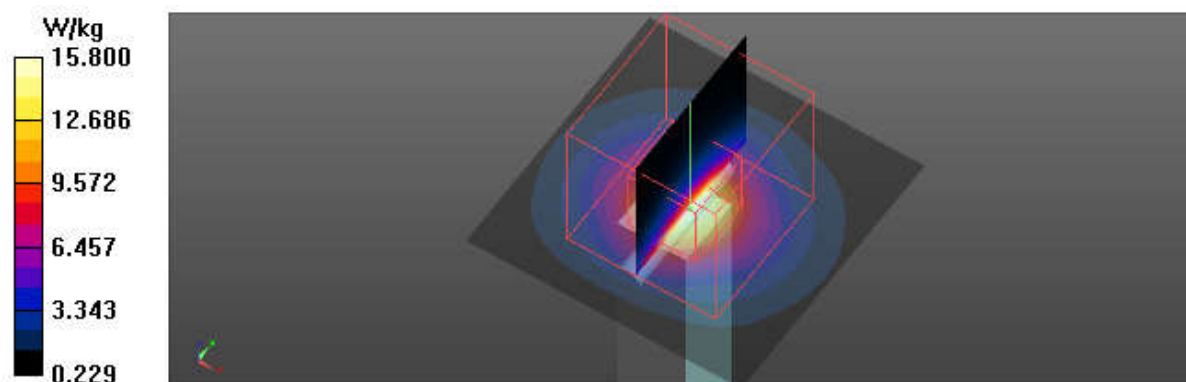Maximum value of SAR (interpolated) = 15.8 W/kg

Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 38.42 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 30.1 W/kg

SAR(1 g) = 7.61 W/kg; SAR(10 g) = 2.24 W/kg

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

System Check_B5800_0309

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 = 6.209 S/m; $ε_r$ = 46.515; ρ = 996 kg/m^3

Ambient Temperature：23.4 ℃; Liquid Temperature：22.5 ℃

DASY Configuration:

- Probe: EX3DV4 - SN7396; ConvF(4.52, 4.52, 4.52); Calibrated: 2017/5/25;
- Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 23.0
- Electronics: DAE4 Sn1390; Calibrated: 2017/9/15
- 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=10 mm, dy=10 mm

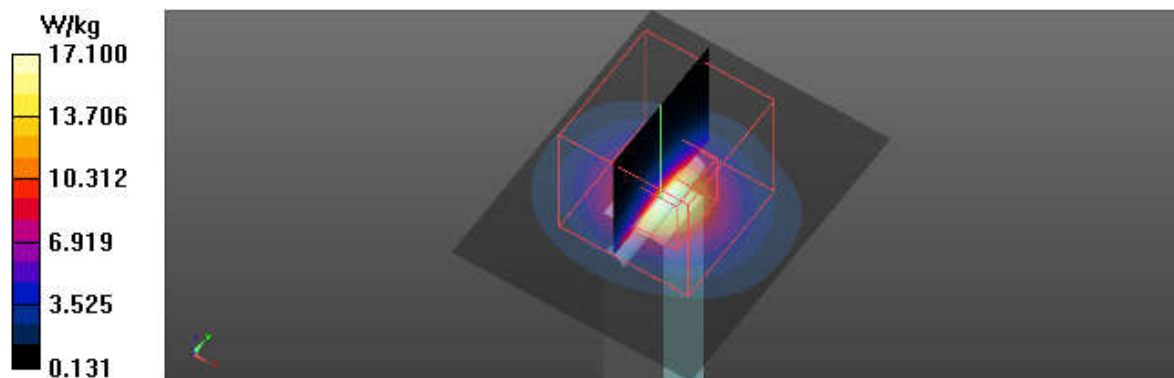Maximum value of SAR (interpolated) = 17.1 W/kg

Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 38.56 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 29.8 W/kg

SAR(1 g) = 7.63 W/kg; SAR(10 g) = 2.25 W/kg

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

System Check_B5800_0310

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 = 6.163 S/m; ε$_r$ = 46.344; ρ = 996 kg/m^3

Ambient Temperature：23.3 ℃； Liquid Temperature：22.5 ℃

DASY Configuration:

- Probe: EX3DV4 - SN7396; ConvF(4.52, 4.52, 4.52); Calibrated: 2017/5/25;
- Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 23.0
- Electronics: DAE4 Sn1390; Calibrated: 2017/9/15
- 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) = 15.8 W/kg

Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 38.81 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 29.7 W/kg

SAR(1 g) = 7.6 W/kg; SAR(10 g) = 2.23 W/kg

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