

System Check_H835_180112

DUT: Dipole 835 MHz D835V2;

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

Medium parameters used: $f = 835$ MHz; $\sigma = 0.894$ S/m; $\epsilon_r = 42.431$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.0 °C; Liquid Temperature : 22.1 °C

DASY Configuration:

- Probe: EX3DV4 - SN7369; ConvF(10.16, 10.16, 10.16); Calibrated: 2017/8/24;
- Sensor-Surface: 2mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1486; Calibrated: 2017/8/17
- Phantom: SAM Twin Phantom V5.0; Type: QD 000 P40 C; Serial: TP-1897
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

Area Scan (7x13x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 2.77 W/kg

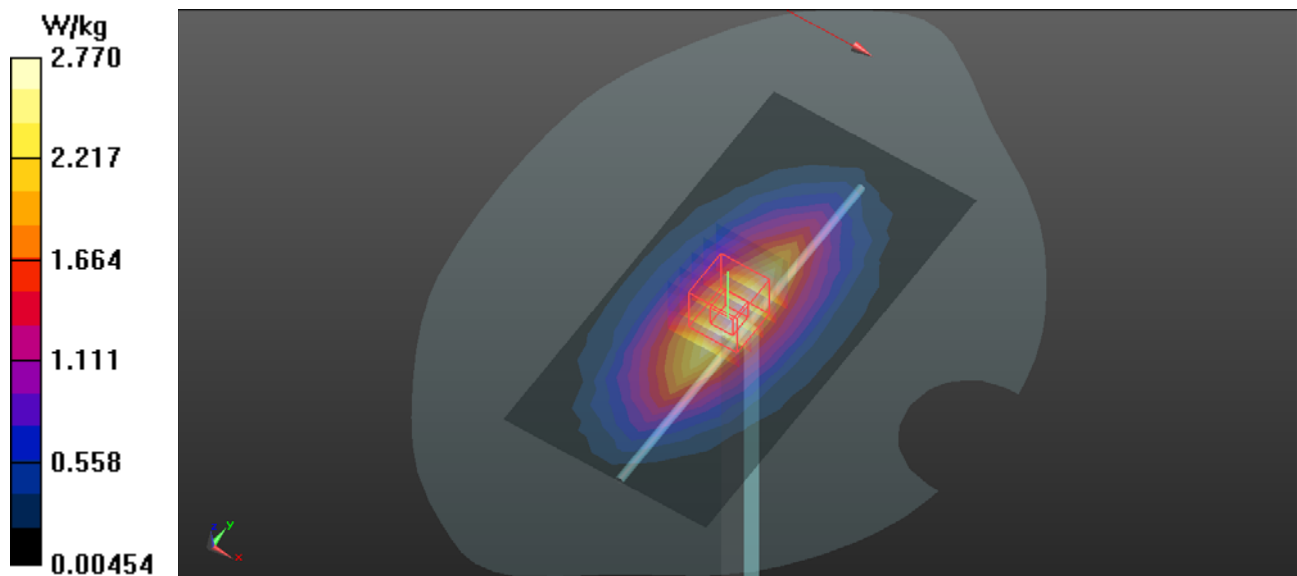
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 56.97 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 3.36 W/kg

SAR(1 g) = 2.25 W/kg; SAR(10 g) = 1.47 W/kg

Maximum value of SAR (measured) = 2.86 W/kg



System Check_H1800_180116

DUT: Dipole 1800 MHz D1800V2;

Communication System: UID 0, CW (0); Frequency: 1800 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 1800$ MHz; $\sigma = 1.378$ S/m; $\epsilon_r = 41.483$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.0 °C; Liquid Temperature : 22.0 °C

DASY Configuration:

- Probe: EX3DV4 - SN7369; ConvF(8.96, 8.96, 8.96); Calibrated: 2017/8/24;
- Sensor-Surface: 2mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1486; Calibrated: 2017/8/17
- Phantom: SAM Twin Phantom V5.0; Type: QD 000 P40 C; Serial: TP-1897
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

Area Scan (7x7x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

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

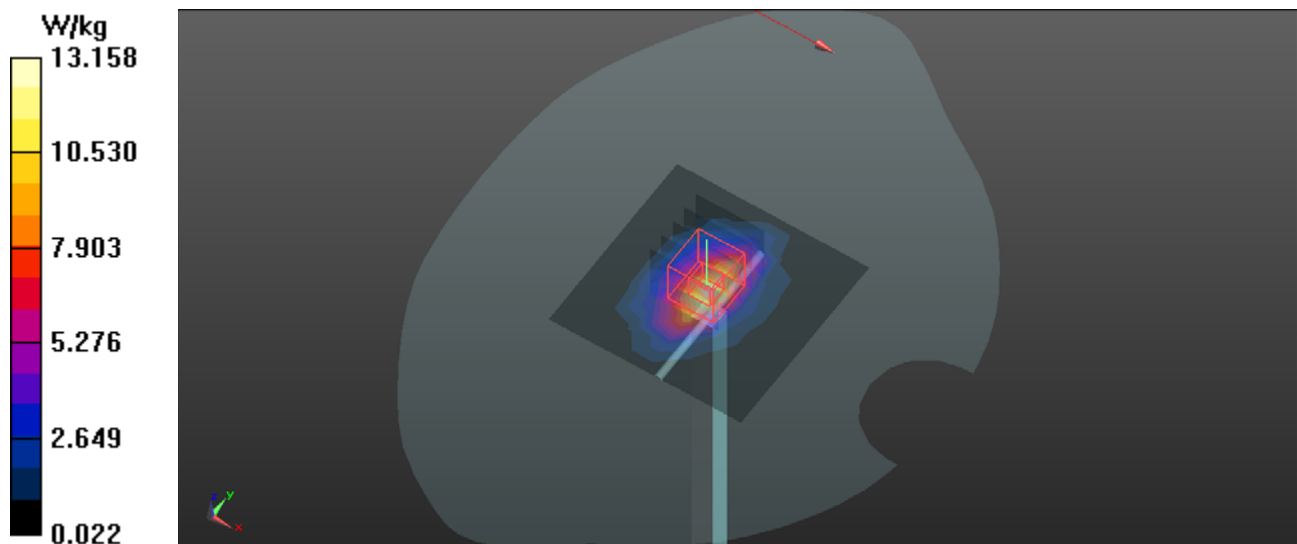
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 99.51 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 17.0 W/kg

SAR(1 g) = 9.68 W/kg; SAR(10 g) = 5.17 W/kg

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



System Check_H1900_180116

DUT: Dipole 1900 MHz D1900V2;

Communication System: UID 0, CW (0); Frequency: 1900 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1900$ MHz; $\sigma = 1.414$ S/m; $\epsilon_r = 41.293$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C; Liquid Temperature : 22.1 °C

DASY Configuration:

- Probe: EX3DV4 - SN7369; ConvF(8.56, 8.56, 8.56); Calibrated: 2017/8/24;
- Sensor-Surface: 2mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1486; Calibrated: 2017/8/17
- Phantom: SAM Twin Phantom V5.0; Type: QD 000 P40 C; Serial: TP-1897
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

Area Scan (7x7x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

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

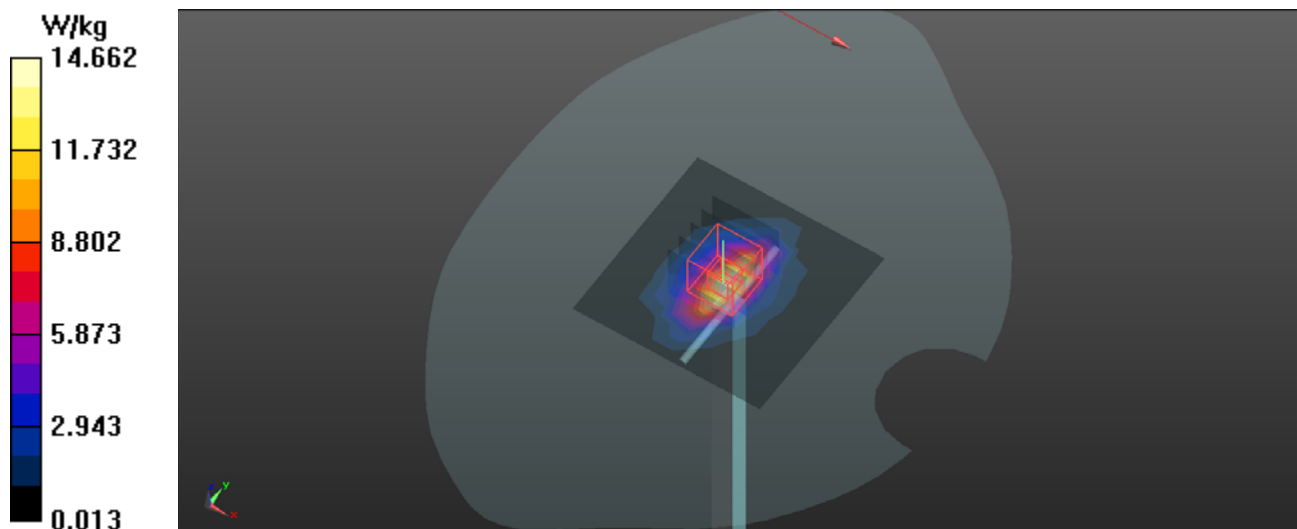
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 103.4 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 18.8 W/kg

SAR(1 g) = 10.4 W/kg; SAR(10 g) = 5.4 W/kg

Maximum value of SAR (measured) = 14.9 W/kg



System Check_H2450_180201

DUT: Dipole 2450 MHz D2450V2;

Communication System: UID 0, CW (0); Frequency: 2450 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2450$ MHz; $\sigma = 1.841$ S/m; $\epsilon_r = 40.753$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C; Liquid Temperature : 21.8 °C

DASY Configuration:

- Probe: EX3DV4 - SN7369; ConvF(7.6, 7.6, 7.6); Calibrated: 2017/8/24;
- Sensor-Surface: 2mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1486; Calibrated: 2017/8/17
- Phantom: SAM Twin Phantom V5.0; Type: QD 000 P40 C; Serial: TP-1897
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

Area Scan (9x9x1): Measurement grid: $dx=12$ mm, $dy=12$ mm

Maximum value of SAR (measured) = 19.5 W/kg

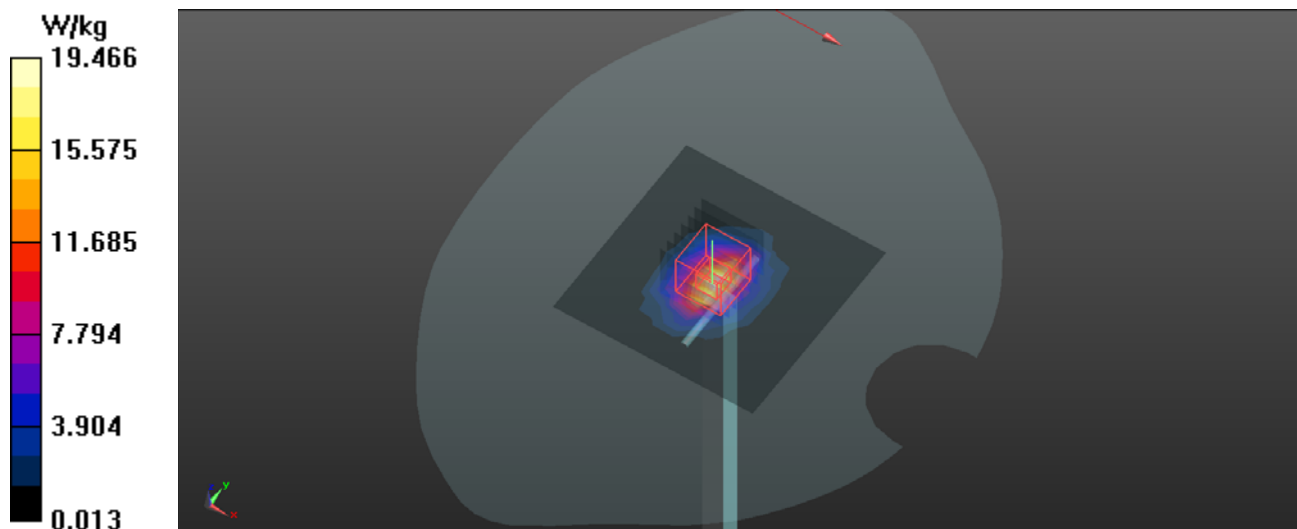
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 104.4 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 26.9 W/kg

SAR(1 g) = 13.3 W/kg; SAR(10 g) = 6.29 W/kg

Maximum value of SAR (measured) = 20.0 W/kg



System Check_H2600_180117

DUT: Dipole 2600 MHz D2600V2;

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

Medium parameters used: $f = 2600$ MHz; $\sigma = 2.017$ S/m; $\epsilon_r = 37.487$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.1 °C; Liquid Temperature : 21.7 °C

DASY Configuration:

- Probe: EX3DV4 - SN7369; ConvF(7.42, 7.42, 7.42); Calibrated: 2017/8/24;
- Sensor-Surface: 2mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1486; Calibrated: 2017/8/17
- Phantom: SAM Twin Phantom V5.0; Type: QD 000 P40 C; Serial: TP-1897
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

Area Scan (9x9x1): Measurement grid: $dx=12$ mm, $dy=12$ mm

Maximum value of SAR (measured) = 21.9 W/kg

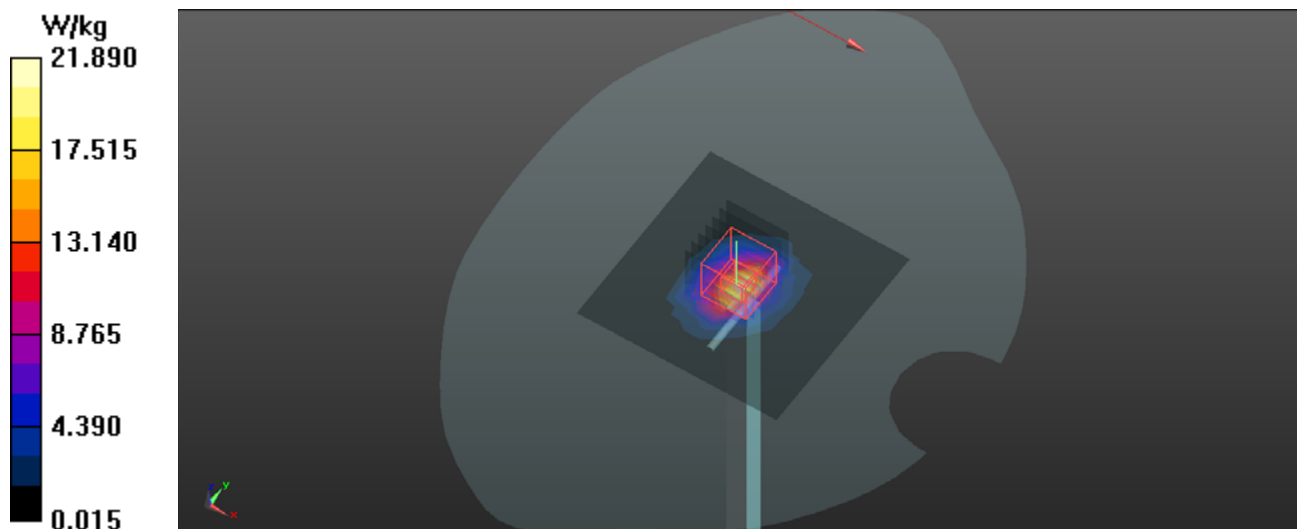
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 106.3 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 30.9 W/kg

SAR(1 g) = 14.4 W/kg; SAR(10 g) = 6.48 W/kg

Maximum value of SAR (measured) = 22.5 W/kg



System Check_B835_180118

DUT: Dipole 835 MHz D835V2;

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

Medium parameters used: $f = 835$ MHz; $\sigma = 0.987$ S/m; $\epsilon_r = 54.887$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.9 °C; Liquid Temperature : 21.9 °C

DASY Configuration:

- Probe: EX3DV4 - SN7369; ConvF(10.39, 10.39, 10.39); Calibrated: 2017/8/24;
- Sensor-Surface: 2mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1486; Calibrated: 2017/8/17
- Phantom: SAM Twin Phantom V5.0; Type: QD 000 P40 C; Serial: TP-1897
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

Area Scan (7x13x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 2.96 W/kg

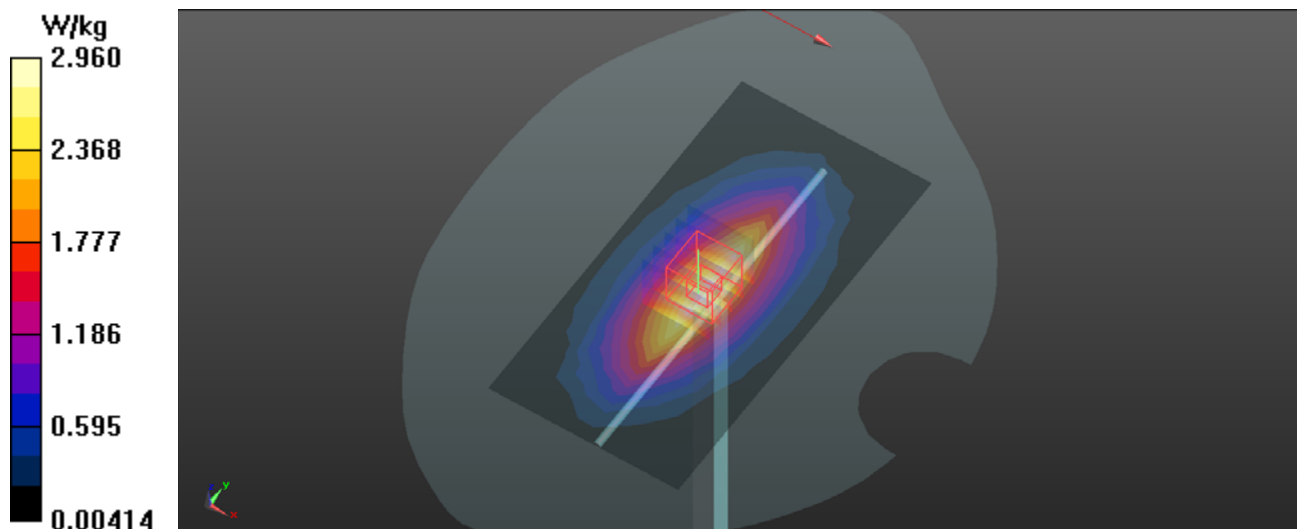
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 55.94 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 3.45 W/kg

SAR(1 g) = 2.36 W/kg; SAR(10 g) = 1.57 W/kg

Maximum value of SAR (measured) = 2.97 W/kg



System Check_B835_180131

DUT: Dipole 835 MHz D835V2;

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

Medium parameters used: $f = 835$ MHz; $\sigma = 0.981$ S/m; $\epsilon_r = 53.997$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C; Liquid Temperature : 22.0 °C

DASY Configuration:

- Probe: EX3DV4 - SN7369; ConvF(10.39, 10.39, 10.39); Calibrated: 2017/8/24;
- Sensor-Surface: 2mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1486; Calibrated: 2017/8/17
- Phantom: SAM Twin Phantom V5.0; Type: QD 000 P40 C; Serial: TP-1897
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

Area Scan (7x13x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 2.94 W/kg

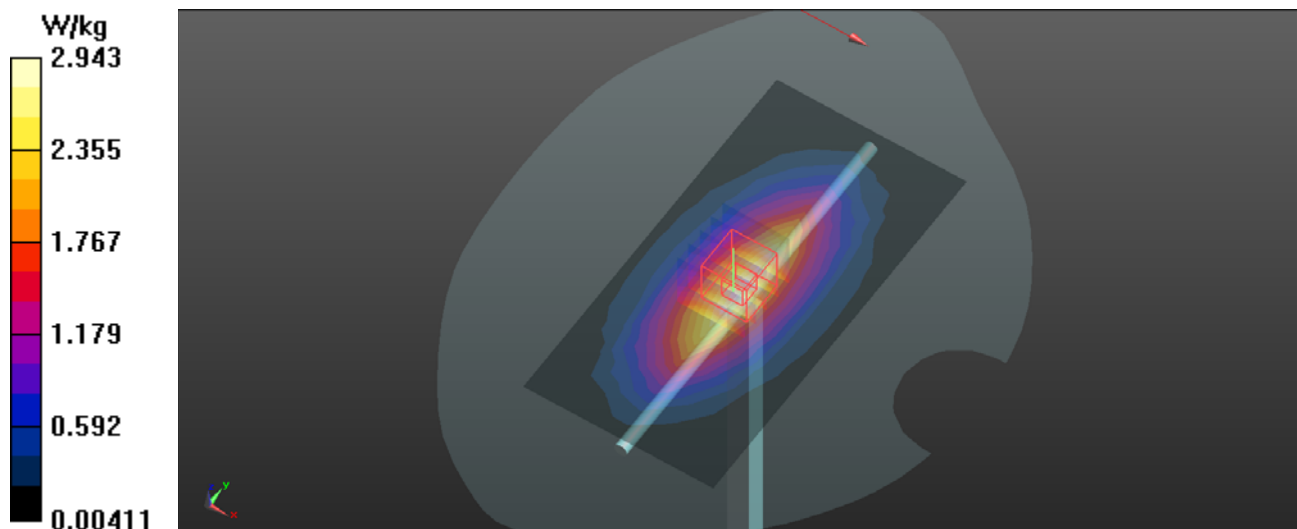
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 55.94 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 3.43 W/kg

SAR(1 g) = 2.35 W/kg; SAR(10 g) = 1.56 W/kg

Maximum value of SAR (measured) = 2.95 W/kg



System Check_B1800_180119

DUT: Dipole 1800 MHz D1800V2;

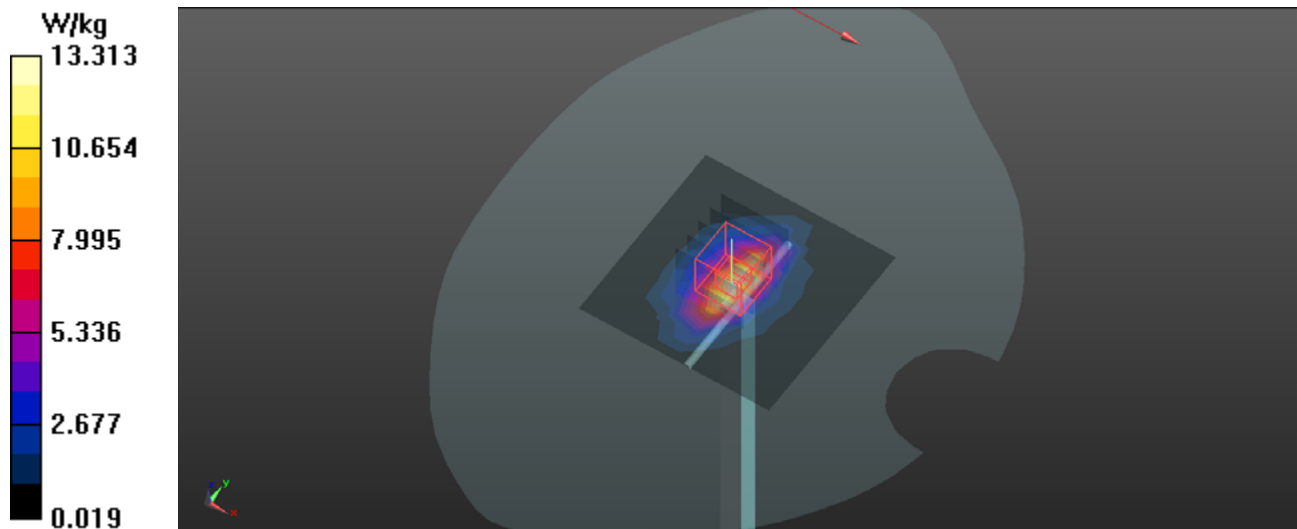
Communication System: UID 0, CW (0); Frequency: 1800 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 1800$ MHz; $\sigma = 1.536$ S/m; $\epsilon_r = 54.1$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.0 °C; Liquid Temperature : 21.9 °C

DASY Configuration:

- Probe: EX3DV4 - SN7369; ConvF(8.45, 8.45, 8.45); Calibrated: 2017/8/24;
- Sensor-Surface: 2mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1486; Calibrated: 2017/8/17
- Phantom: SAM Twin Phantom V5.0; Type: QD 000 P40 C; Serial: TP-1897
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

Area Scan (7x7x1): Measurement grid: $dx=15$ mm, $dy=15$ mm
Maximum value of SAR (measured) = 13.3 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm
Reference Value = 95.06 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 16.8 W/kg
SAR(1 g) = 9.73 W/kg; SAR(10 g) = 5.21 W/kg
Maximum value of SAR (measured) = 13.7 W/kg



System Check_B1800_180130

DUT: Dipole 1800 MHz D1800V2;

Communication System: UID 0, CW (0); Frequency: 1800 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1800$ MHz; $\sigma = 1.529$ S/m; $\epsilon_r = 54.607$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.9 °C; Liquid Temperature : 21.7 °C

DASY Configuration:

- Probe: EX3DV4 - SN7369; ConvF(8.45, 8.45, 8.45); Calibrated: 2017/8/24;
- Sensor-Surface: 2mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1486; Calibrated: 2017/8/17
- Phantom: SAM Twin Phantom V5.0; Type: QD 000 P40 C; Serial: TP-1897
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

Area Scan (7x7x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

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

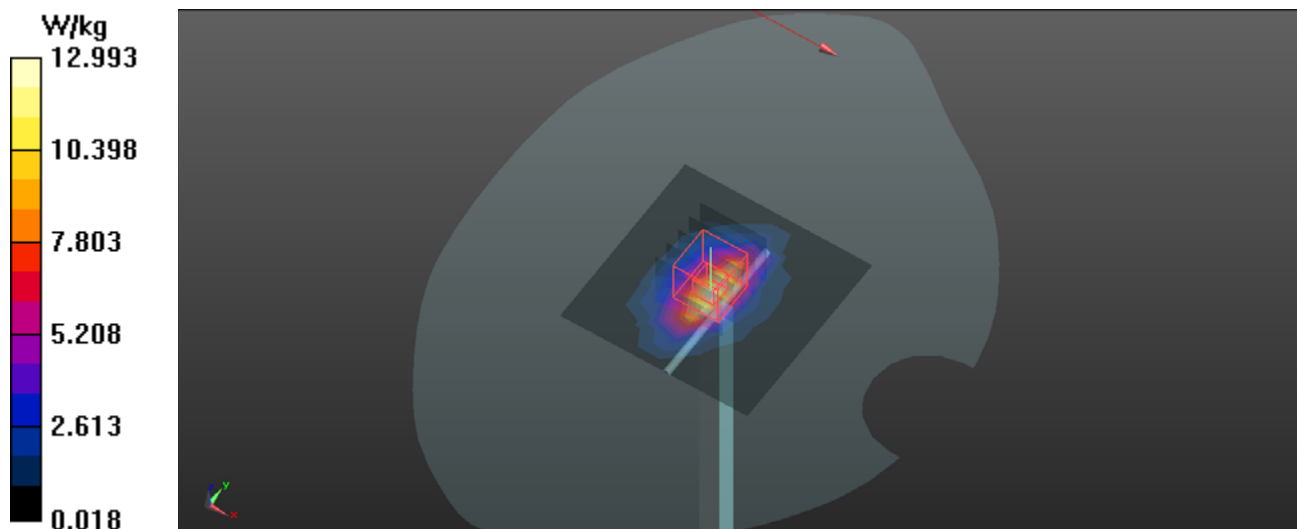
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 94.23 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 16.7 W/kg

SAR(1 g) = 9.68 W/kg; SAR(10 g) = 5.18 W/kg

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



System Check_B1900_180119

DUT: Dipole 1900 MHz D1900V2;

Communication System: UID 0, CW (0); Frequency: 1900 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1900$ MHz; $\sigma = 1.537$ S/m; $\epsilon_r = 53.057$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.1 °C; Liquid Temperature : 21.8 °C

DASY Configuration:

- Probe: EX3DV4 - SN7369; ConvF(8.16, 8.16, 8.16); Calibrated: 2017/8/24;
- Sensor-Surface: 2mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1486; Calibrated: 2017/8/17
- Phantom: SAM Twin Phantom V5.0; Type: QD 000 P40 C; Serial: TP-1897
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

Area Scan (7x7x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

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

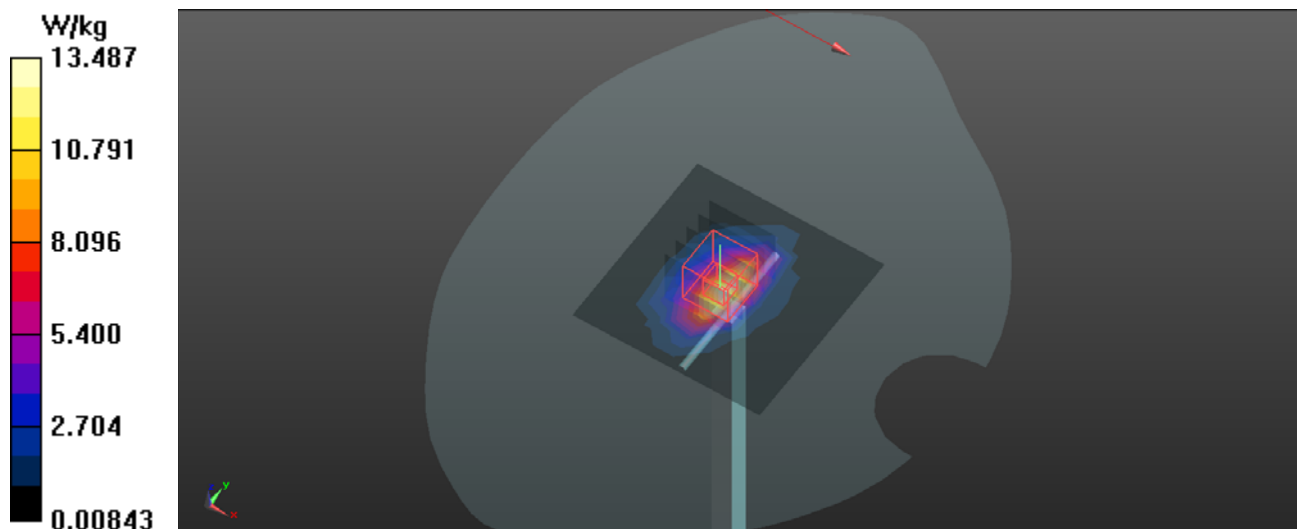
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 94.99 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 17.9 W/kg

SAR(1 g) = 10 W/kg; SAR(10 g) = 5.25 W/kg

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



System Check_B1900_180130

DUT: Dipole 1900 MHz D1900V2;

Communication System: UID 0, CW (0); Frequency: 1900 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1900$ MHz; $\sigma = 1.557$ S/m; $\epsilon_r = 53.378$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.0 °C; Liquid Temperature : 21.9 °C

DASY Configuration:

- Probe: EX3DV4 - SN7369; ConvF(8.16, 8.16, 8.16); Calibrated: 2017/8/24;
- Sensor-Surface: 2mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1486; Calibrated: 2017/8/17
- Phantom: SAM Twin Phantom V5.0; Type: QD 000 P40 C; Serial: TP-1897
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

Area Scan (7x7x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

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

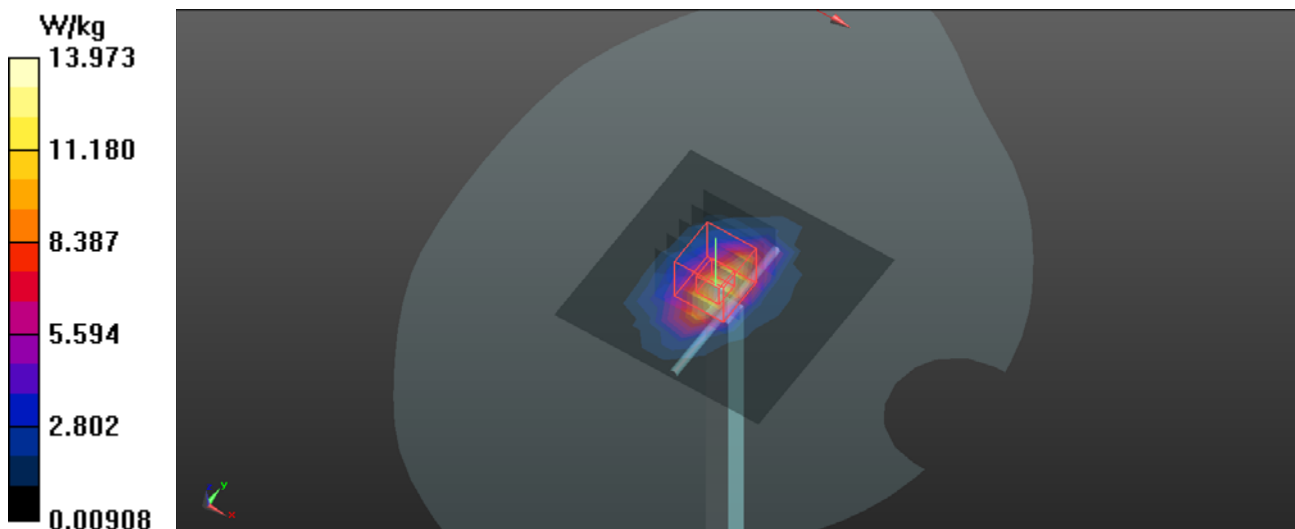
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 96.05 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 18.6 W/kg

SAR(1 g) = 10.4 W/kg; SAR(10 g) = 5.46 W/kg

Maximum value of SAR (measured) = 14.9 W/kg



System Check_B1900_180207

DUT: Dipole 1900 MHz D1900V2;

Communication System: UID 0, CW (0); Frequency: 1900 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1900$ MHz; $\sigma = 1.559$ S/m; $\epsilon_r = 53.149$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.9 °C; Liquid Temperature : 21.8 °C

DASY Configuration:

- Probe: EX3DV4 - SN7369; ConvF(8.16, 8.16, 8.16); Calibrated: 2017/8/24;
- Sensor-Surface: 2mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1486; Calibrated: 2017/8/17
- Phantom: SAM Twin Phantom V5.0; Type: QD 000 P40 C; Serial: TP-1897
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

Area Scan (7x7x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

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

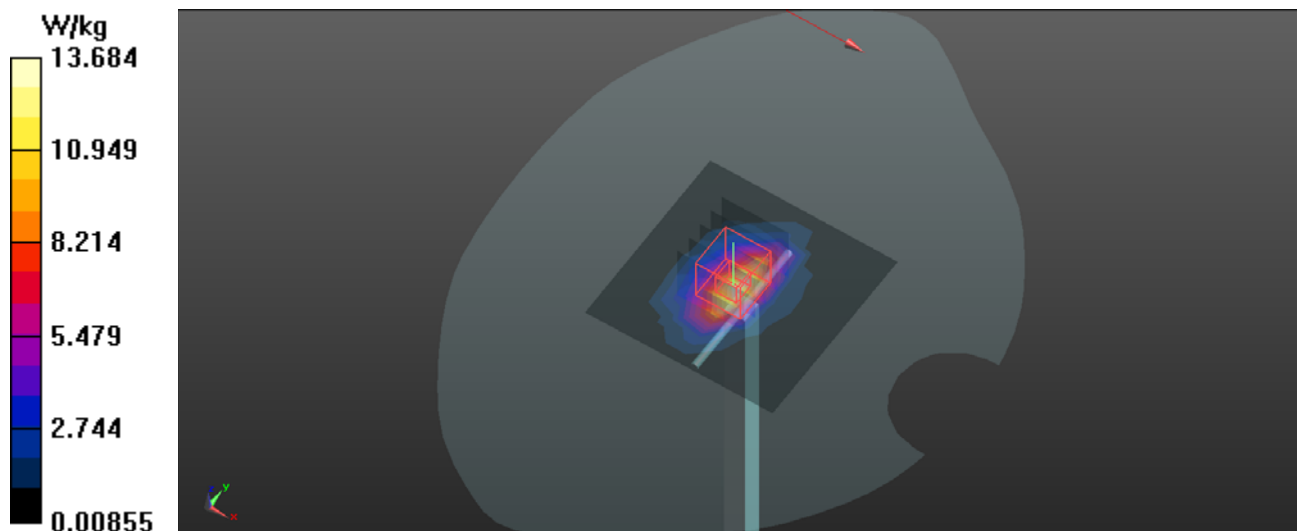
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 94.99 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 18.1 W/kg

SAR(1 g) = 10.2 W/kg; SAR(10 g) = 5.32 W/kg

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



System Check_B2450_180201

DUT: Dipole 2450 MHz D2450V2;

Communication System: UID 0, CW (0); Frequency: 2450 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2450$ MHz; $\sigma = 1.932$ S/m; $\epsilon_r = 51.983$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.1 °C; Liquid Temperature : 22.0 °C

DASY Configuration:

- Probe: EX3DV4 - SN7369; ConvF(7.65, 7.65, 7.65); Calibrated: 2017/8/24;
- Sensor-Surface: 2mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1486; Calibrated: 2017/8/17
- Phantom: ELI V5.0 (20deg probe tilt); Type: QD OVA 002 AA; Serial: 1240
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

Area Scan (9x9x1): Measurement grid: $dx=12$ mm, $dy=12$ mm

Maximum value of SAR (measured) = 18.5 W/kg

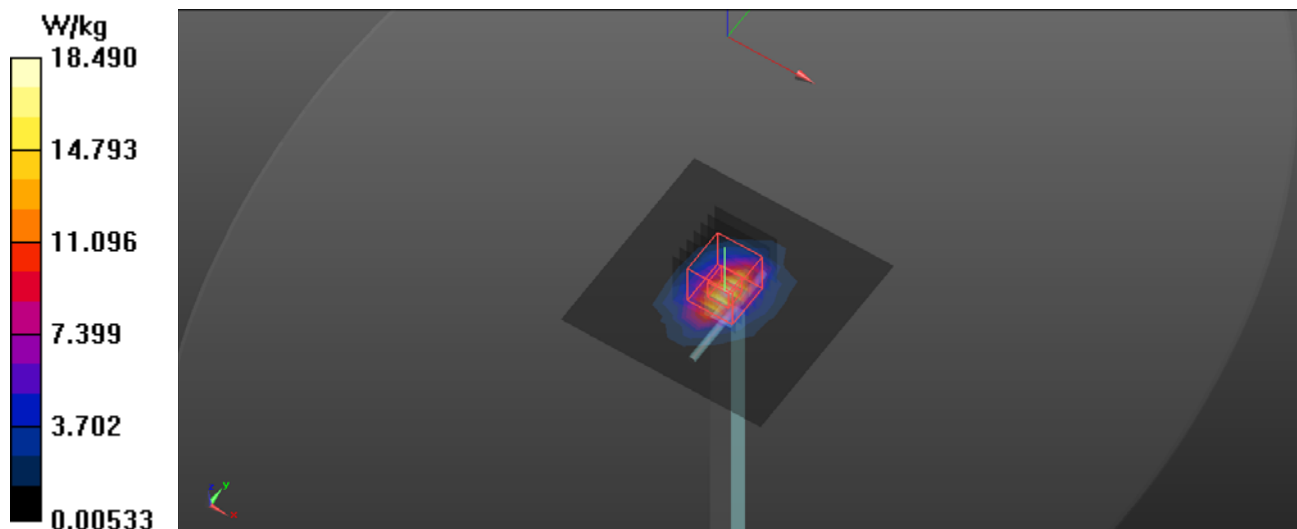
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 99.50 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 25.4 W/kg

SAR(1 g) = 12.7 W/kg; SAR(10 g) = 6.01 W/kg

Maximum value of SAR (measured) = 19.3 W/kg



System Check_B2600_180126

DUT: Dipole 2600 MHz D2600V2;

Communication System: UID 0, CW (0); Frequency: 2600 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 2600$ MHz; $\sigma = 2.17$ S/m; $\epsilon_r = 50.911$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.2 °C; Liquid Temperature : 22.1 °C

DASY Configuration:

- Probe: EX3DV4 - SN7369; ConvF(7.52, 7.52, 7.52); Calibrated: 2017/8/24;
- Sensor-Surface: 2mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1486; Calibrated: 2017/8/17
- Phantom: SAM Twin Phantom V5.0; Type: QD 000 P40 C; Serial: TP-1897
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

Area Scan (9x9x1): Measurement grid: $dx=12$ mm, $dy=12$ mm

Maximum value of SAR (measured) = 21.9 W/kg

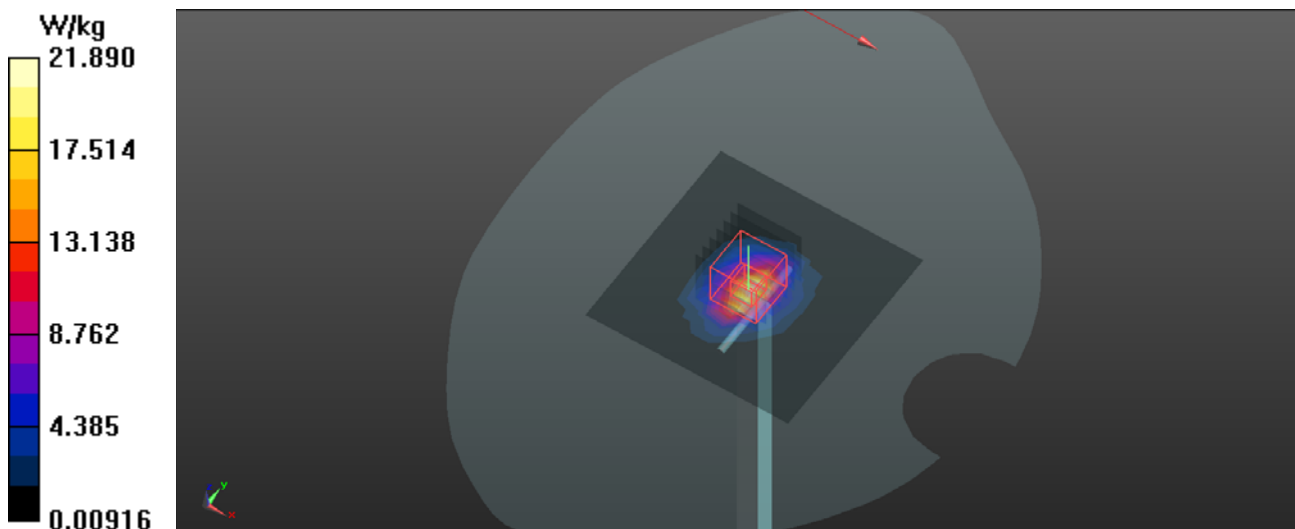
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 101.7 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 29.9 W/kg

SAR(1 g) = 14.7 W/kg; SAR(10 g) = 6.77 W/kg

Maximum value of SAR (measured) = 22.4 W/kg



System Check_B2600_180201

DUT: Dipole 2600 MHz D2600V2;

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

Medium parameters used: $f = 2600$ MHz; $\sigma = 2.168$ S/m; $\epsilon_r = 51.398$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.0 °C; Liquid Temperature : 22.0 °C

DASY Configuration:

- Probe: EX3DV4 - SN7369; ConvF(7.52, 7.52, 7.52); Calibrated: 2017/8/24;
- Sensor-Surface: 2mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1486; Calibrated: 2017/8/17
- Phantom: SAM Twin Phantom V5.0; Type: QD 000 P40 C; Serial: TP-1897
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

Area Scan (9x9x1): Measurement grid: $dx=12$ mm, $dy=12$ mm

Maximum value of SAR (measured) = 21.1 W/kg

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

Reference Value = 100.2 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 29.4 W/kg

SAR(1 g) = 14.4 W/kg; SAR(10 g) = 6.63 W/kg

Maximum value of SAR (measured) = 22.0 W/kg

