

System Check_B750_17831

DUT: Dipole:750 MHz; D750V3;SN:1078

Communication System: CW; Frequency: 750 MHz;Duty Cycle: 1:1

Medium: B750_0831 Medium parameters used: $f = 750 \text{ MHz}$; $\sigma = 0.967 \text{ S/m}$; $\epsilon_r = 55.261$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : $23.2 \text{ }^\circ\text{C}$; Liquid Temperature : $22.4 \text{ }^\circ\text{C}$

DASY5 Configuration:

- Probe: EX3DV4 - SN3970; ConvF(10.05, 10.05, 10.05); Calibrated: 2016/09/07;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1418; Calibrated: 2016/09/05
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1231
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Pin=250mW/Area Scan (71x111x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) = 2.67 W/kg

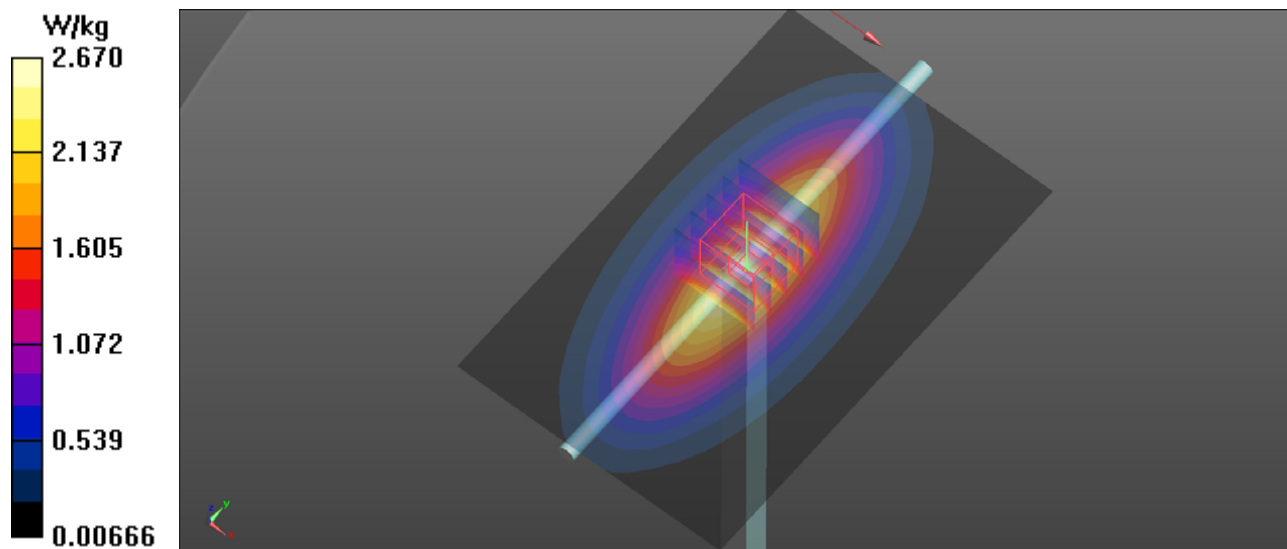
Pin=250mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 52.029 V/m ; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 3.04 W/kg

SAR(1 g) = 2.13 W/kg ; SAR(10 g) = 1.45 W/kg

Maximum value of SAR (measured) = 2.64 W/kg



System Check_B835_17830

DUT: Dipole:835 MHz; Type:D835V2; SN:4d029

Communication System: CW; Frequency: 835 MHz; Duty Cycle: 1:1

Medium: B835_0830 Medium parameters used: $f = 835 \text{ MHz}$; $\sigma = 0.996 \text{ S/m}$; $\epsilon_r = 55.208$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : $23.1 \text{ }^\circ\text{C}$; Liquid Temperature : $22.3 \text{ }^\circ\text{C}$

DASY5 Configuration:

- Probe: EX3DV4 - SN3970; ConvF(9.94, 9.94, 9.94); Calibrated: 2016/09/07;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1418; Calibrated: 2016/09/05
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1231
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Pin=250mW/Area Scan (61x101x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) = 2.91 W/kg

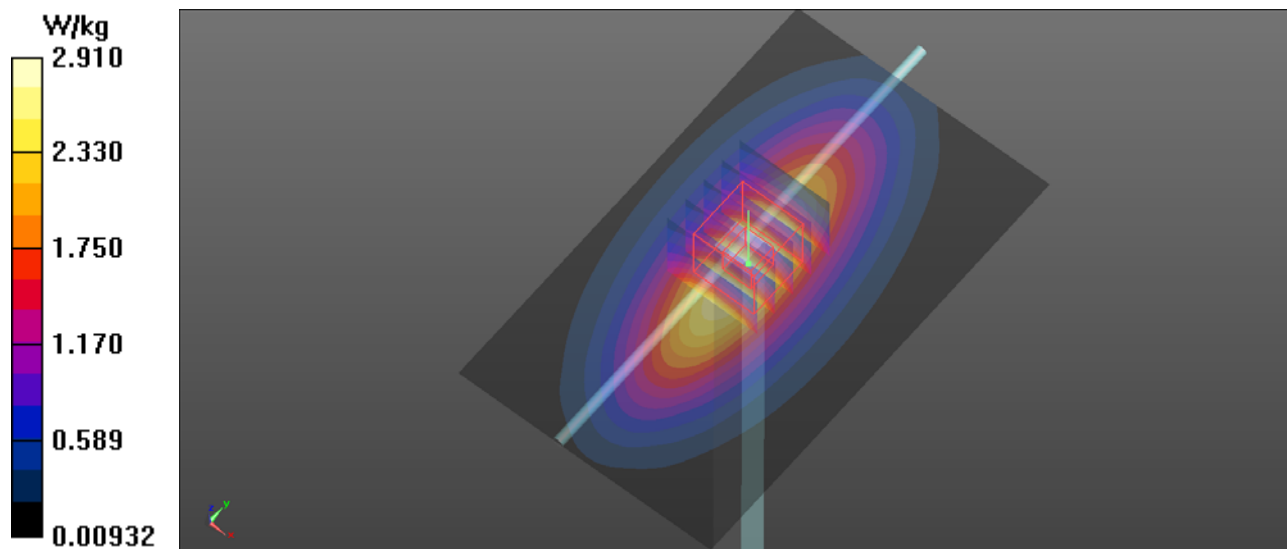
Pin=250mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 55.959 V/m ; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 3.37 W/kg

SAR(1 g) = 2.32 W/kg ; SAR(10 g) = 1.55 W/kg

Maximum value of SAR (measured) = 2.91 W/kg



System Check_B1750_170828**DUT: Dipole 1750 MHz;Type:D1750V2; SN:1023**

Communication System: CW; Frequency: 1750 MHz;Duty Cycle: 1:1

Medium: B1750_0828 Medium parameters used: $f = 1750$ MHz; $\sigma = 1.52$ S/m; $\epsilon_r = 54.547$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C ; Liquid Temperature : 22.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3970; ConvF(8.17, 8.17, 8.17); Calibrated: 2016/09/07;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1418; Calibrated: 2016/09/05
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1231
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Pin=250mW/Area Scan (71x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

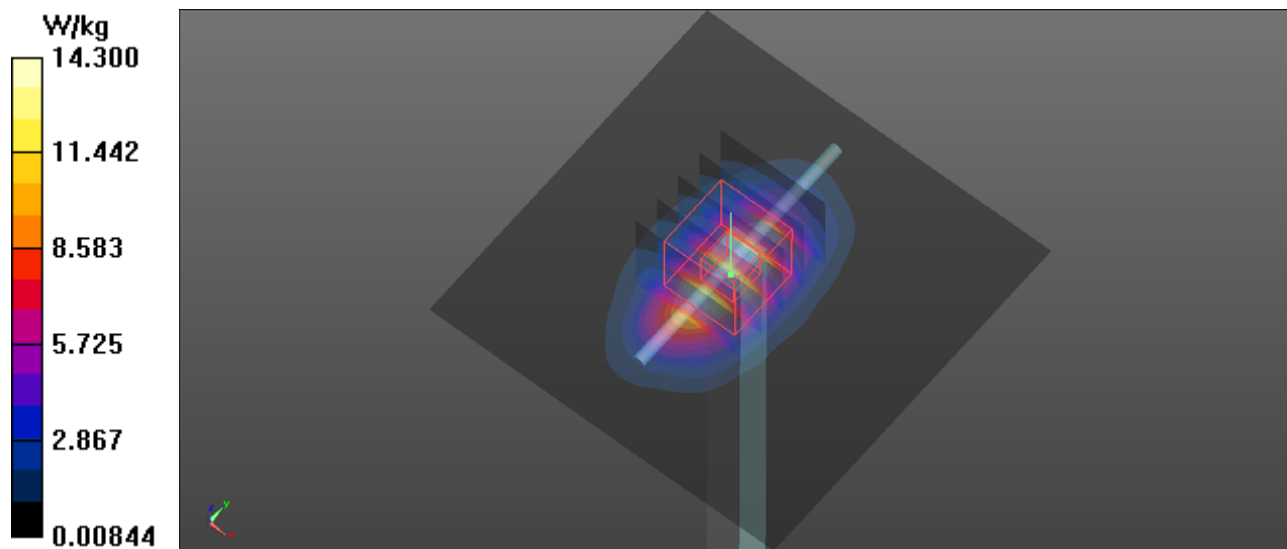
Pin=250mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 93.612 V/m; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 17.3 W/kg

SAR(1 g) = 9.94 W/kg; SAR(10 g) = 5.36 W/kg

Maximum value of SAR (measured) = 15.0 W/kg



System Check_B1900_170829

DUT: Dipole: 1900MHz;Type:D1900V2; SN:5d018

Communication System: CW; Frequency: 1900 MHz;Duty Cycle: 1:1

Medium: B1900_0829 Medium parameters used: $f = 1900$ MHz; $\sigma = 1.526$ S/m; $\epsilon_r = 53.681$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C; Liquid Temperature : 22.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3970; ConvF(8.17, 8.17, 8.17); Calibrated: 2016/09/07;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1418; Calibrated: 2016/09/05
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1231
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Pin=250mW/Area Scan (71x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

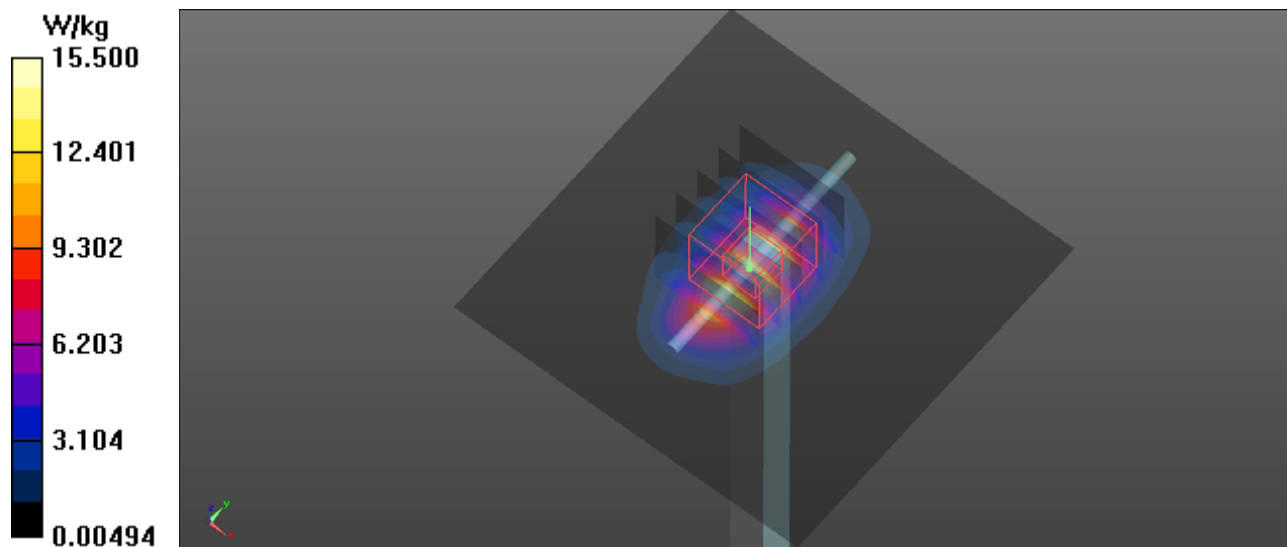
Pin=250mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 95.227 V/m; Power Drift = 0.18 dB

Peak SAR (extrapolated) = 18.7 W/kg

SAR(1 g) = 10.5 W/kg; SAR(10 g) = 5.49 W/kg

Maximum value of SAR (measured) = 16.0 W/kg



System Check_B2300_170823

DUT: Dipole 2300 MHz;Type:D2300V2; SN:1053

Communication System: CW; Frequency: 2300 MHz;Duty Cycle: 1:1

Medium: B2300_0823 Medium parameters used: $f = 2300$ MHz; $\sigma = 1.801$ S/m; $\epsilon_r = 52.651$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C ; Liquid Temperature : 22.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3970; ConvF(7.9, 7.9, 7.9); Calibrated: 2016/09/07;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1418; Calibrated: 2016/09/05
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1231
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Pin=250mW/Area Scan (61x81x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

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

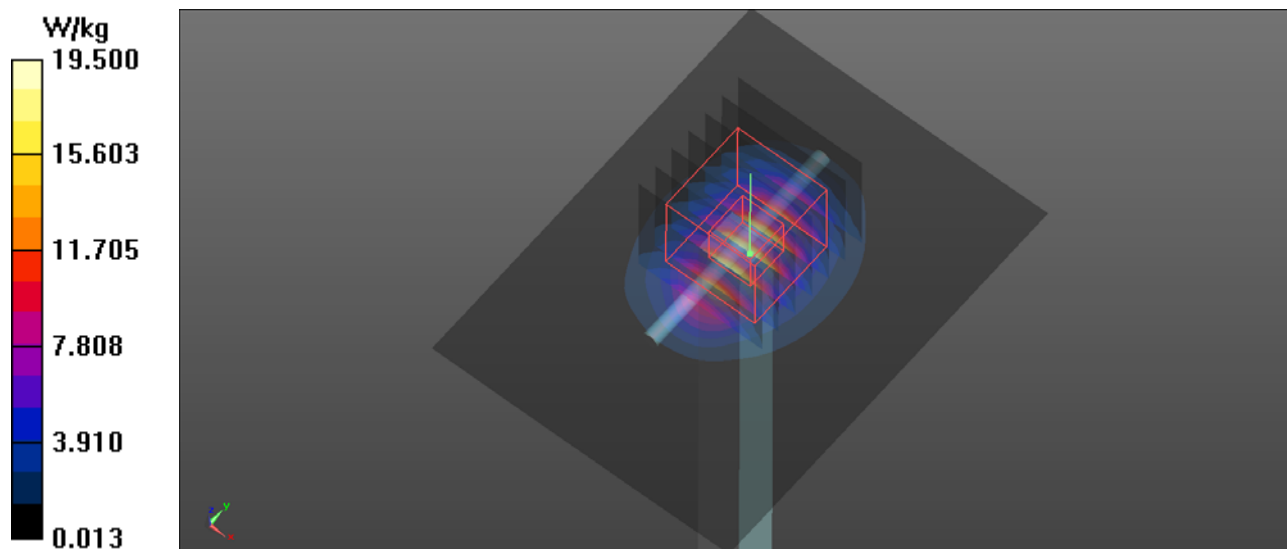
Pin=250mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 97.955 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 20.9 W/kg

SAR(1 g) = 12.3 W/kg; SAR(10 g) = 5.99 W/kg

Maximum value of SAR (measured) = 17.8 W/kg



System Check_B2450_170823

DUT: Dipole 2450 MHz; Type:D2450V2; SN:835

Communication System: CW; Frequency: 2450 MHz;Duty Cycle: 1:1

Medium: B2450_0823 Medium parameters used: $f = 2450$ MHz; $\sigma = 2.026$ S/m; $\epsilon_r = 52.96$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.1 °C; Liquid Temperature : 22.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3970; ConvF(7.57, 7.57, 7.57); Calibrated: 2016/09/07;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1418; Calibrated: 2016/09/05
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1231
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Pin=250mW/Area Scan (61x81x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

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

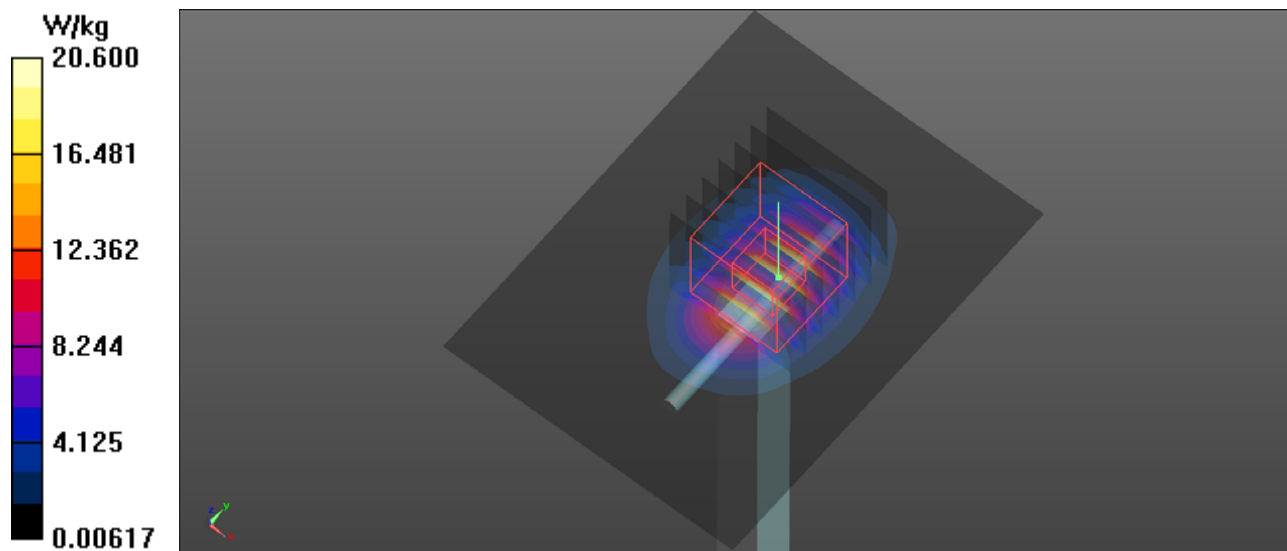
Pin=250mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 95.143 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 25.0 W/kg

SAR(1 g) = 12.1 W/kg; SAR(10 g) = 5.62 W/kg

Maximum value of SAR (measured) = 20.1 W/kg



System Check_B2600_170901

DUT: Dipole 2600 MHz; Type:D2600V2; SN:1058

Communication System: CW; Frequency: 2600 MHz;Duty Cycle: 1:1

Medium: B2600_0901 Medium parameters used: $f = 2600$ MHz; $\sigma = 2.198$ S/m; $\epsilon_r = 52.41$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3970; ConvF(7.41, 7.41, 7.41); Calibrated: 2016/09/07;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1418; Calibrated: 2016/09/05
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1231
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Pin=250mW/Area Scan (61x81x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 24.0 W/kg

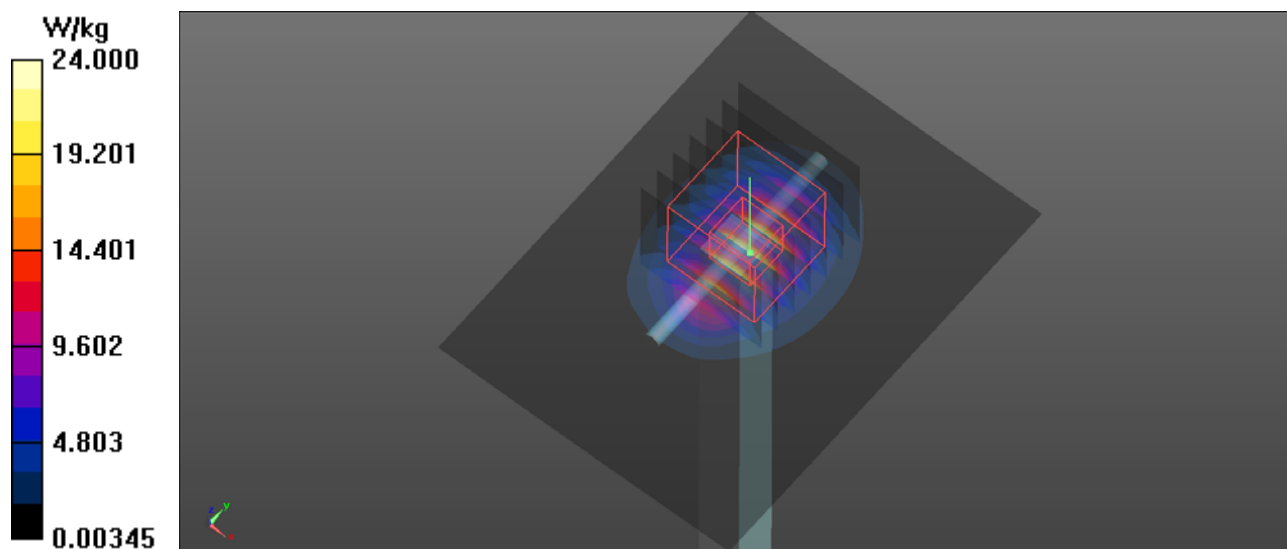
Pin=250mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 89.153 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 29.1 W/kg

SAR(1 g) = 13.3 W/kg; SAR(10 g) = 5.92 W/kg

Maximum value of SAR (measured) = 23.1 W/kg



System Check_B5300_170822

DUT: Dipole D5GHzV2; Type:D5GHzV2; SN:1040

Communication System: CW; Frequency: 5300 MHz; Duty Cycle: 1:1

Medium: B5G_0822 Medium parameters used: $f = 5300$ MHz; $\sigma = 5.31$ S/m; $\epsilon_r = 50.859$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.9 °C ; Liquid Temperature : 22.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3970; ConvF(4.75, 4.75, 4.75); Calibrated: 2016/09/07;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1418; Calibrated: 2016/09/05
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1231
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Pin=100mW/Area Scan (91x91x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 16.2 W/kg

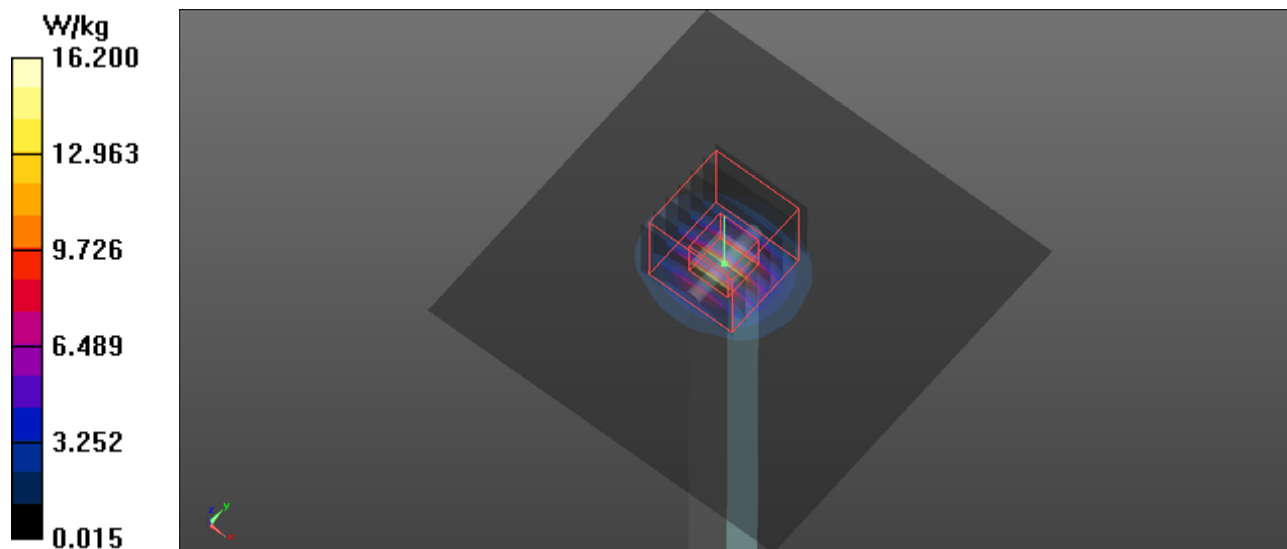
Pin=100mW/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 46.635 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 27.3 W/kg

SAR(1 g) = 7.82 W/kg; SAR(10 g) = 2.19 W/kg

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



System Check_B5600_170822

DUT: Dipole D5GHzV2; Type:D5GHzV2; SN:1040

Communication System: CW; Frequency: 5600 MHz;Duty Cycle: 1:1

Medium: B5G_0822 Medium parameters used: $f = 5600$ MHz; $\sigma = 5.817$ S/m; $\epsilon_r = 50.304$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.9 °C ; Liquid Temperature : 22.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3970; ConvF(4.22, 4.22, 4.22); Calibrated: 2016/09/07;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1418; Calibrated: 2016/09/05
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1231
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Pin=100mW/Area Scan (91x91x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 19.2 W/kg

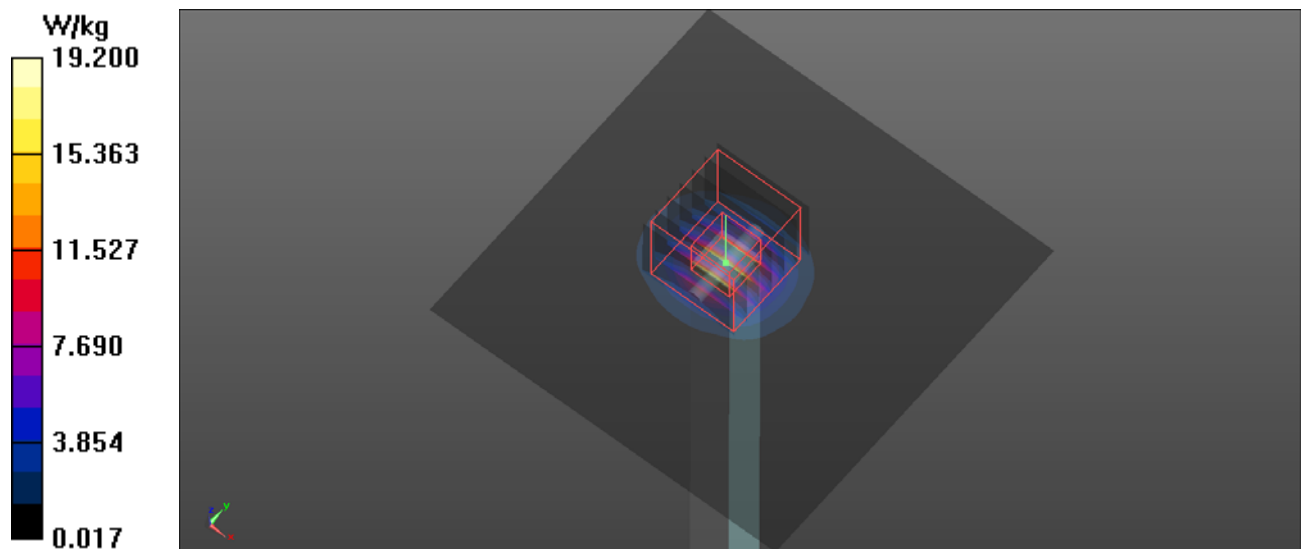
Pin=100mW/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 50.107 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 30.7 W/kg

SAR(1 g) = 7.86 W/kg; SAR(10 g) = 2.22 W/kg

Maximum value of SAR (measured) = 20.1 W/kg



System Check_B5800_170822**DUT: Dipole D5GHzV2; Type:D5GHzV2; SN:1040**

Communication System: CW; Frequency: 5800 MHz; Duty Cycle: 1:1

Medium: B5G_0822 Medium parameters used: $f = 5800$ MHz; $\sigma = 6.115$ S/m; $\epsilon_r = 49.816$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.9 °C; Liquid Temperature : 22.13 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3970; ConvF(4.34, 4.34, 4.34); Calibrated: 2016/09/07;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1418; Calibrated: 2016/09/05
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1231
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Pin=100mW/Area Scan (91x91x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 18.6 W/kg

Pin=100mW/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 48.714 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 35.4 W/kg

SAR(1 g) = 7.49 W/kg; SAR(10 g) = 2.08 W/kg

Maximum value of SAR (measured) = 20.4 W/kg

