



Appendix A. SAR Plots of System Verification

The plots for system verification with largest deviation for each SAR system combination are shown as follows.

System Check_H750_150907**DUT: Dipole 750 MHz; Type: D750V3; SN: 1132**

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

Medium: H06T09N1_0907 Medium parameters used: $f = 750$ MHz; $\sigma = 0.885$ S/m; $\epsilon_r = 42.448$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C; Liquid Temperature : 23.0 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3864; ConvF(10.24, 10.24, 10.24); Calibrated: 2015/07/23;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn915; Calibrated: 2015/06/11
- Phantom: Twin SAM Phantom_1652; Type: QD000P40;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Pin=250mW/Area Scan (61x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 2.63 W/kg

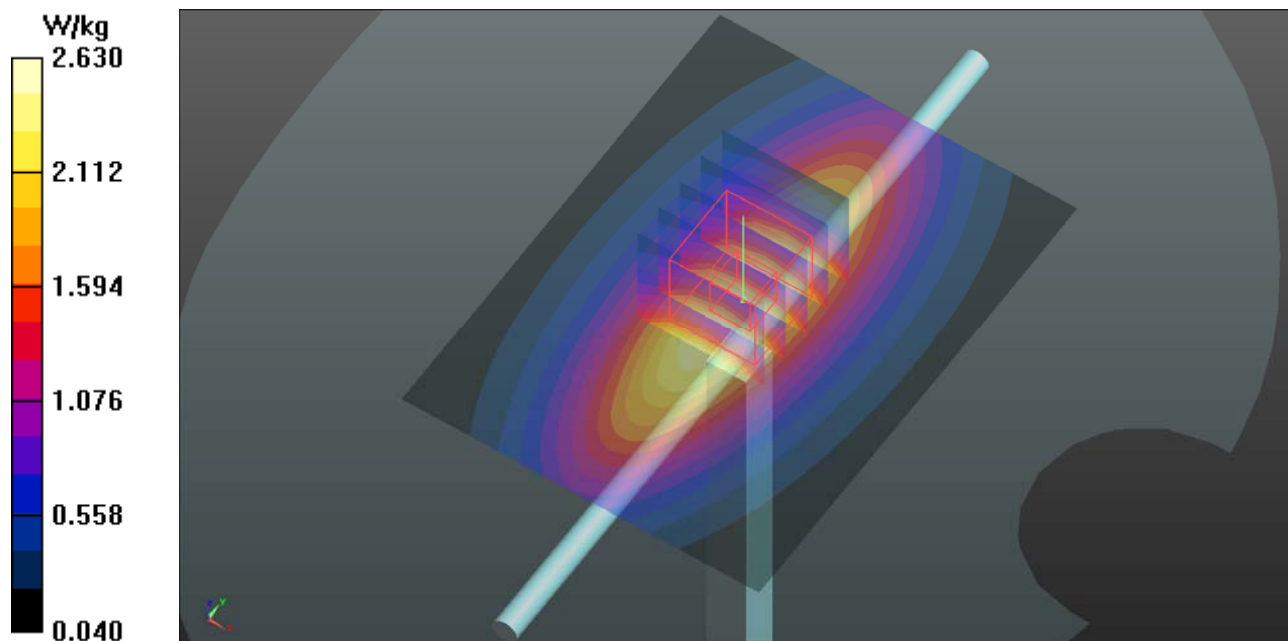
Pin=250mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 55.46 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 3.05 W/kg

SAR(1 g) = 2.1 W/kg; SAR(10 g) = 1.4 W/kg

Maximum value of SAR (measured) = 2.63 W/kg



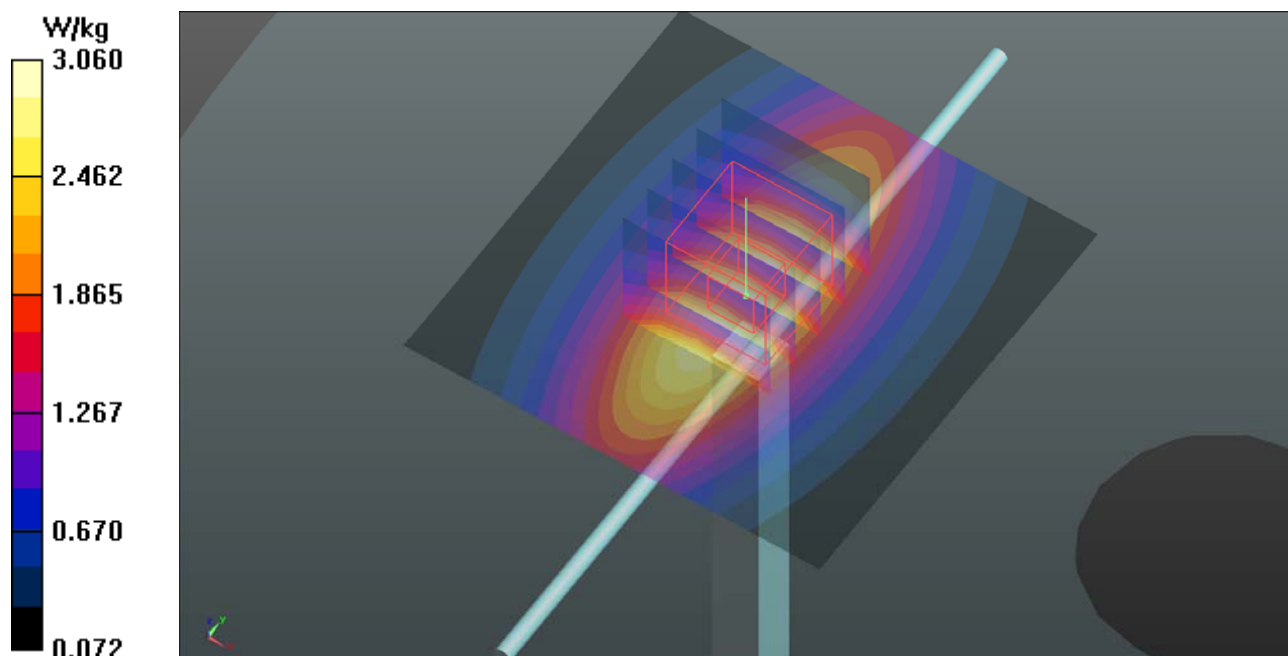
System Check_H835_150907**DUT: Dipole 835 MHz; Type: D835V2; SN: 4d092**

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

Medium: H07T10N2_0907 Medium parameters used: $f = 835 \text{ MHz}$; $\sigma = 0.945 \text{ S/m}$; $\epsilon_r = 43.081$; $\rho = 1000 \text{ kg/m}^3$ Ambient Temperature : $23.5 \text{ }^\circ\text{C}$; Liquid Temperature : $23.2 \text{ }^\circ\text{C}$

DASY5 Configuration:

- Probe: EX3DV4 - SN3864; ConvF(9.9, 9.9, 9.9); Calibrated: 2015/07/23;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn915; Calibrated: 2015/06/11
- Phantom: Twin SAM Phantom_1653; Type: QD000P40;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Pin=250mW/Area Scan (61x61x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$ Maximum value of SAR (interpolated) = 3.06 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 = 54.95 V/m ; Power Drift = 0.00 dB Peak SAR (extrapolated) = 3.61 W/kg **SAR(1 g) = 2.41 W/kg ; SAR(10 g) = 1.58 W/kg** Maximum value of SAR (measured) = 3.06 W/kg 

System Check_H1750_150903

DUT: Dipole 1750 MHz; Type: D1750V2; SN: 1023

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

Medium: H16T20N1_0903 Medium parameters used: $f = 1750$ MHz; $\sigma = 1.323$ S/m; $\epsilon_r = 40.825$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C; Liquid Temperature : 22.8 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3971; ConvF(8.26, 8.26, 8.26); Calibrated: 2015/03/26;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1431; Calibrated: 2015/03/20
- Phantom: Twin SAM Phantom_1823; Type: QD000P40CD;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Pin=250mW/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 13.1 W/kg

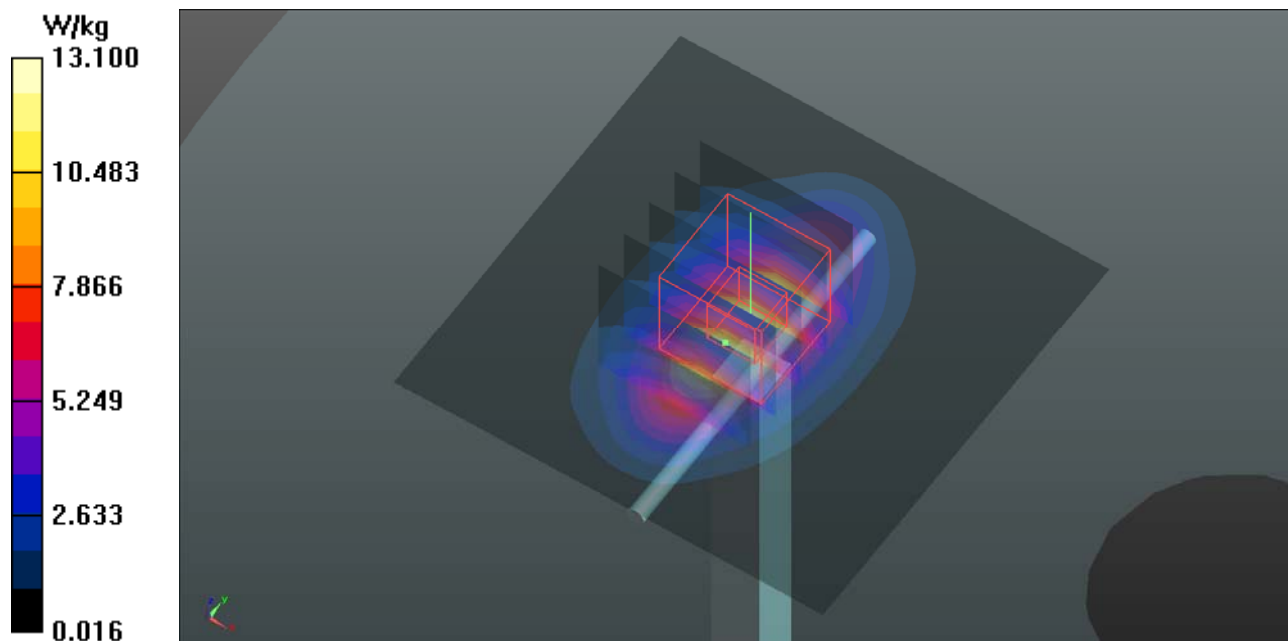
Pin=250mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 100.0 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 15.9 W/kg

SAR(1 g) = 8.9 W/kg; SAR(10 g) = 4.75 W/kg

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



System Check_H1900_150903**DUT: Dipole 1900 MHz; Type: D1900V2; SN: 5d036**

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

Medium: H16T20N1_0903 Medium parameters used: $f = 1900$ MHz; $\sigma = 1.46$ S/m; $\epsilon_r = 40.3$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C; Liquid Temperature : 22.8 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3971; ConvF(8.11, 8.11, 8.11); Calibrated: 2015/03/26;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1431; Calibrated: 2015/03/20
- Phantom: Twin SAM Phantom_1823; Type: QD000P40CD;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Pin=250mW/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

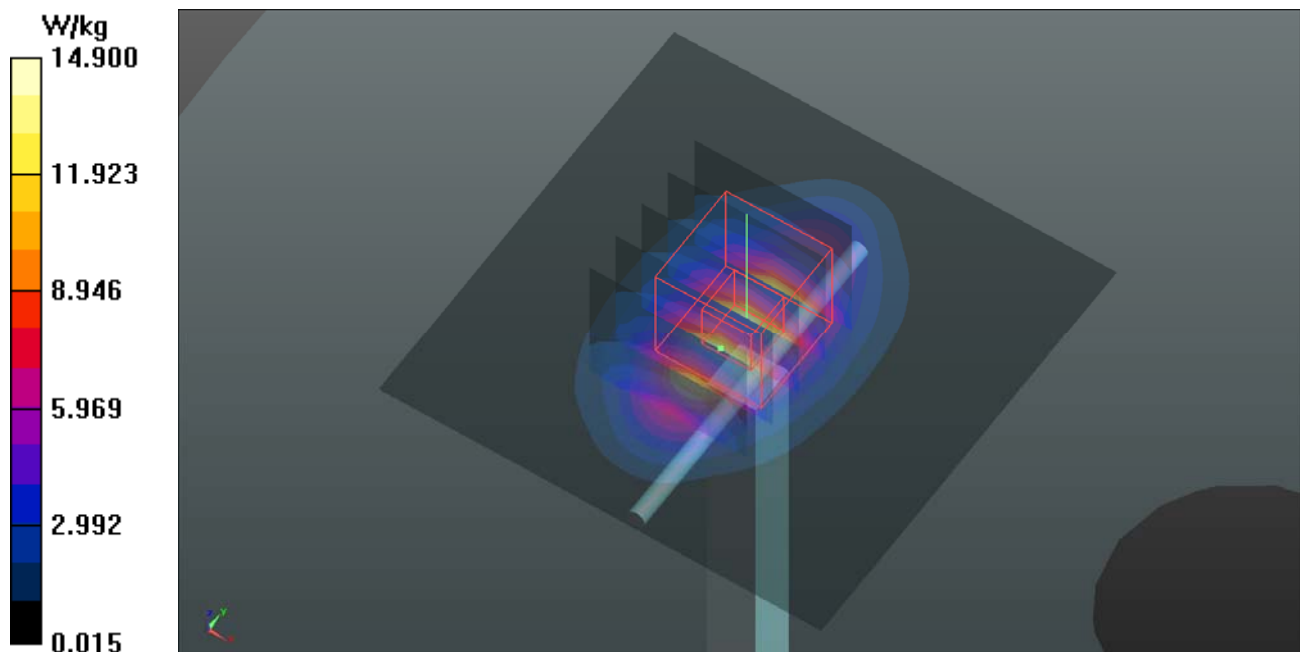
Pin=250mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 100.9 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 18.5 W/kg

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

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



System Check_H2450_150827**DUT: Dipole 2450 MHz; Type: D2450V2; SN: 835**

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

Medium: H19T27N1_0827 Medium parameters used: $f = 2450$ MHz; $\sigma = 1.862$ S/m; $\epsilon_r = 38.048$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C; Liquid Temperature : 23.0 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3650; ConvF(7.13, 7.13, 7.13); Calibrated: 2015/07/23;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2014/07/22
- Phantom: Twin SAM Phantom_1485; Type: QD000P40;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Pin=250mW/Area Scan (81x81x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 20.5 W/kg

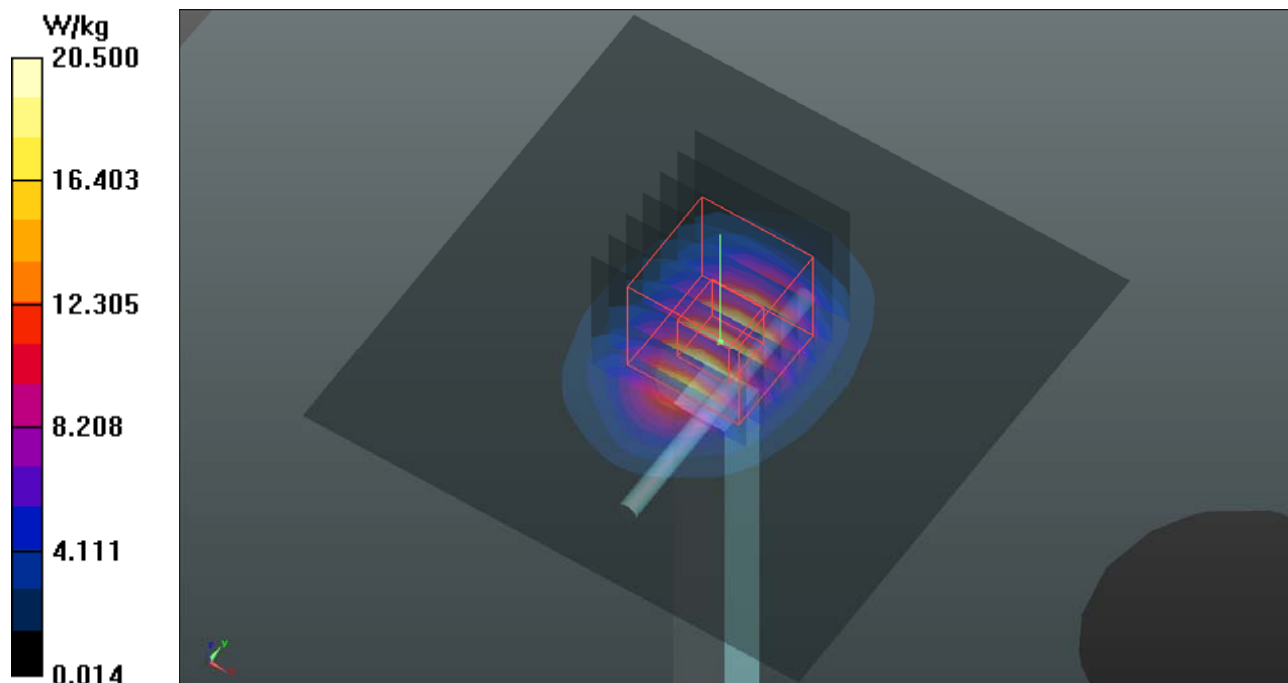
Pin=250mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 106.4 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 28.3 W/kg

SAR(1 g) = 13.1 W/kg; SAR(10 g) = 5.92 W/kg

Maximum value of SAR (measured) = 20.5 W/kg



System Check_H2600_150908**DUT: Dipole 2600 MHz; Type: D2600V2; SN: 1058**

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

Medium: H19T27N1_0908 Medium parameters used: $f = 2600$ MHz; $\sigma = 2.029$ S/m; $\epsilon_r = 38.503$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.9 °C; Liquid Temperature : 23.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3864; ConvF(7.26, 7.26, 7.26); Calibrated: 2015/07/23;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn915; Calibrated: 2015/06/11
- Phantom: Twin SAM Phantom_1652; Type: QD000P40;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Pin=250mW/Area Scan (81x81x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 23.6 W/kg

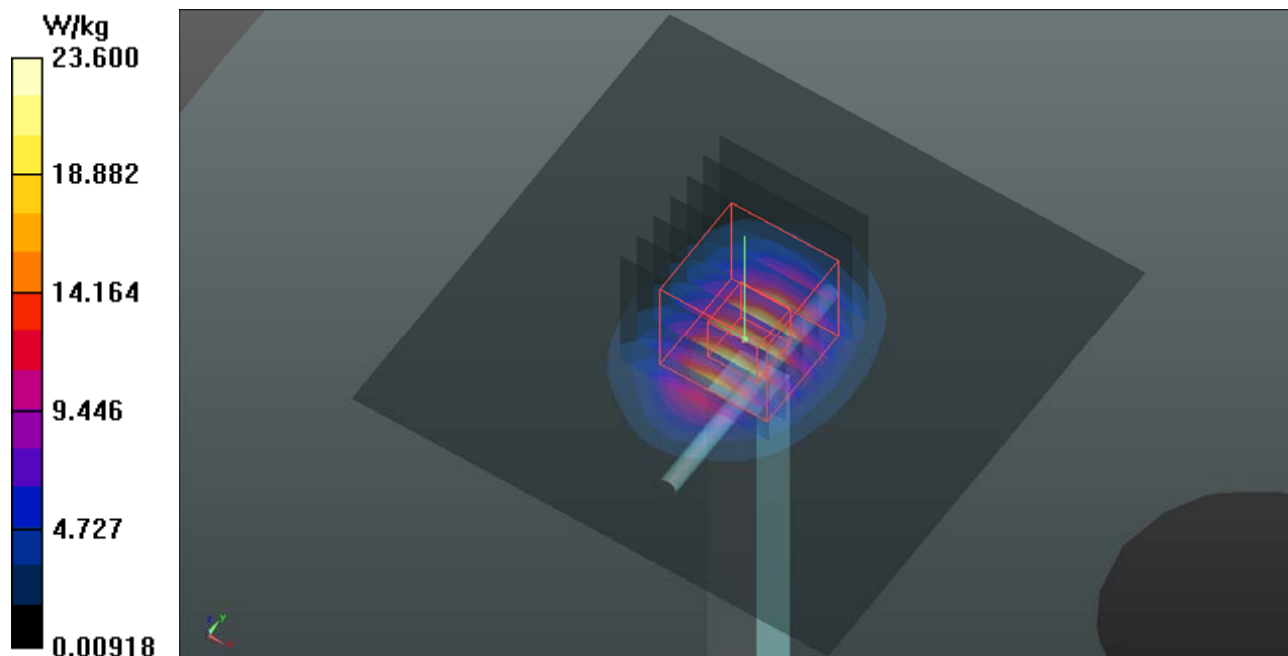
Pin=250mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 109.7 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 32.2 W/kg

SAR(1 g) = 15 W/kg; SAR(10 g) = 6.66 W/kg

Maximum value of SAR (measured) = 23.5 W/kg



System Check_H5300_150828**DUT: Dipole 5 GHz; Type: D5GHzV2; SN: 1040**

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

Medium: H34T60N3_0828 Medium parameters used: $f = 5300$ MHz; $\sigma = 4.902$ S/m; $\epsilon_r = 35.261$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C; Liquid Temperature : 23.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3864; ConvF(5.28, 5.28, 5.28); Calibrated: 2015/07/23;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn915; Calibrated: 2015/06/11
- Phantom: Twin SAM Phantom_1653; Type: QD000P40;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

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

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

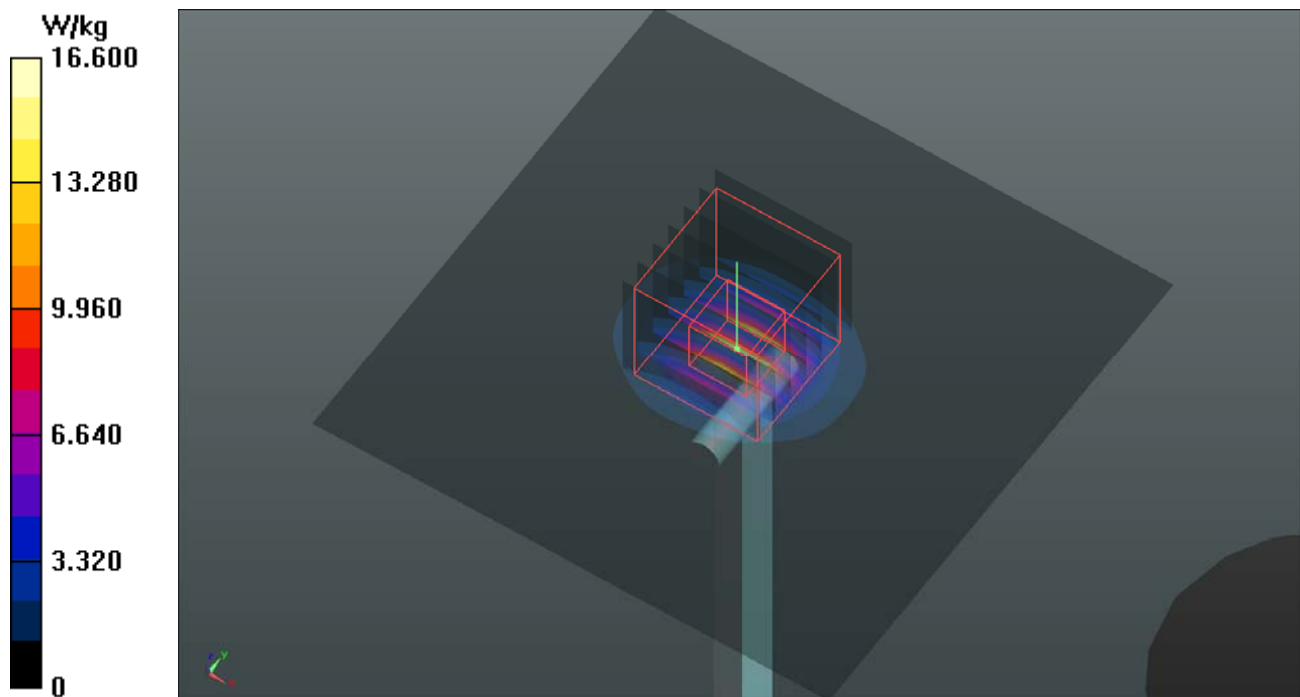
Pin=100mW/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 61.89 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 35.2 W/kg

SAR(1 g) = 8.15 W/kg; SAR(10 g) = 2.3 W/kg

Maximum value of SAR (measured) = 17.4 W/kg



System Check_H5600_150828**DUT: Dipole 5 GHz; Type: D5GHzV2; SN: 1040**

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

Medium: H34T60N3_0828 Medium parameters used: $f = 5600$ MHz; $\sigma = 5.226$ S/m; $\epsilon_r = 34.677$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C; Liquid Temperature : 23.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3864; ConvF(4.77, 4.77, 4.77); Calibrated: 2015/07/23;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn915; Calibrated: 2015/06/11
- Phantom: Twin SAM Phantom_1653; Type: QD000P40;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

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

Maximum value of SAR (interpolated) = 17.4 W/kg

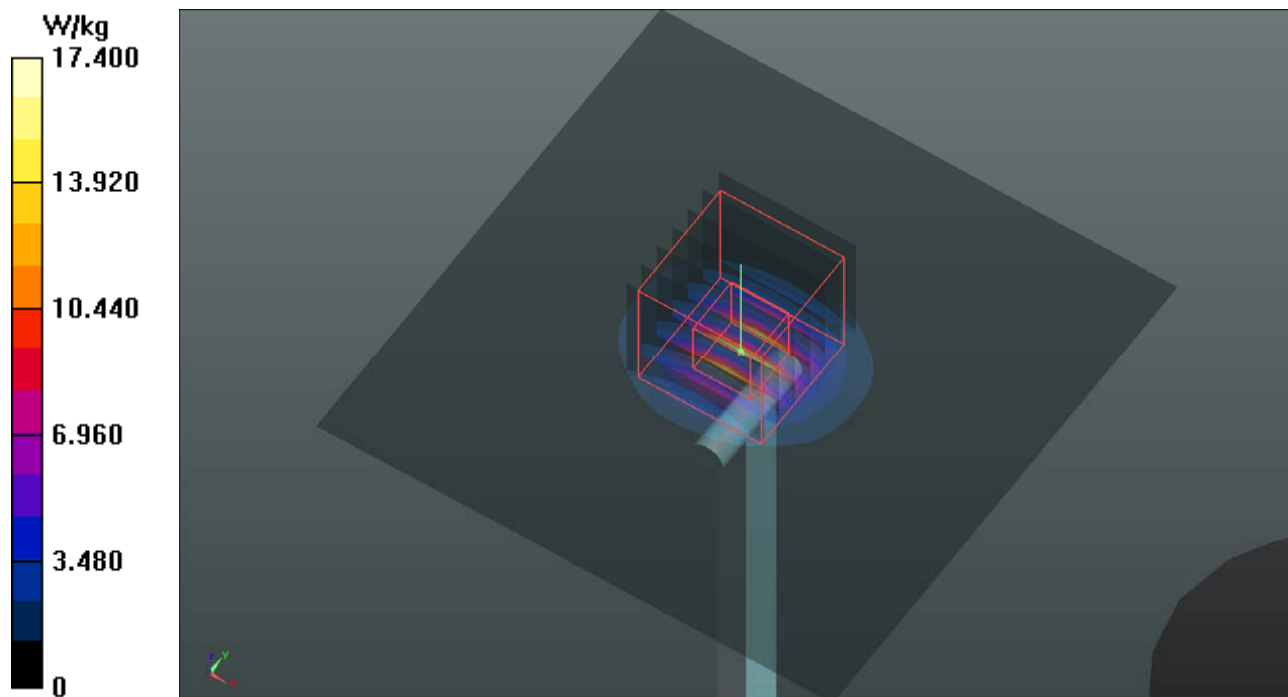
Pin=100mW/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 62.32 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 36.6 W/kg

SAR(1 g) = 8.26 W/kg; SAR(10 g) = 2.33 W/kg

Maximum value of SAR (measured) = 18.0 W/kg



System Check_H5800_150828**DUT: Dipole 5 GHz; Type: D5GHzV2; SN: 1040**

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

Medium: H34T60N3_0828 Medium parameters used: $f = 5800$ MHz; $\sigma = 5.439$ S/m; $\epsilon_r = 34.384$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C; Liquid Temperature : 23.0 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3864; ConvF(4.91, 4.91, 4.91); Calibrated: 2015/07/23;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn915; Calibrated: 2015/06/11
- Phantom: Twin SAM Phantom_1653; Type: QD000P40;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

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

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

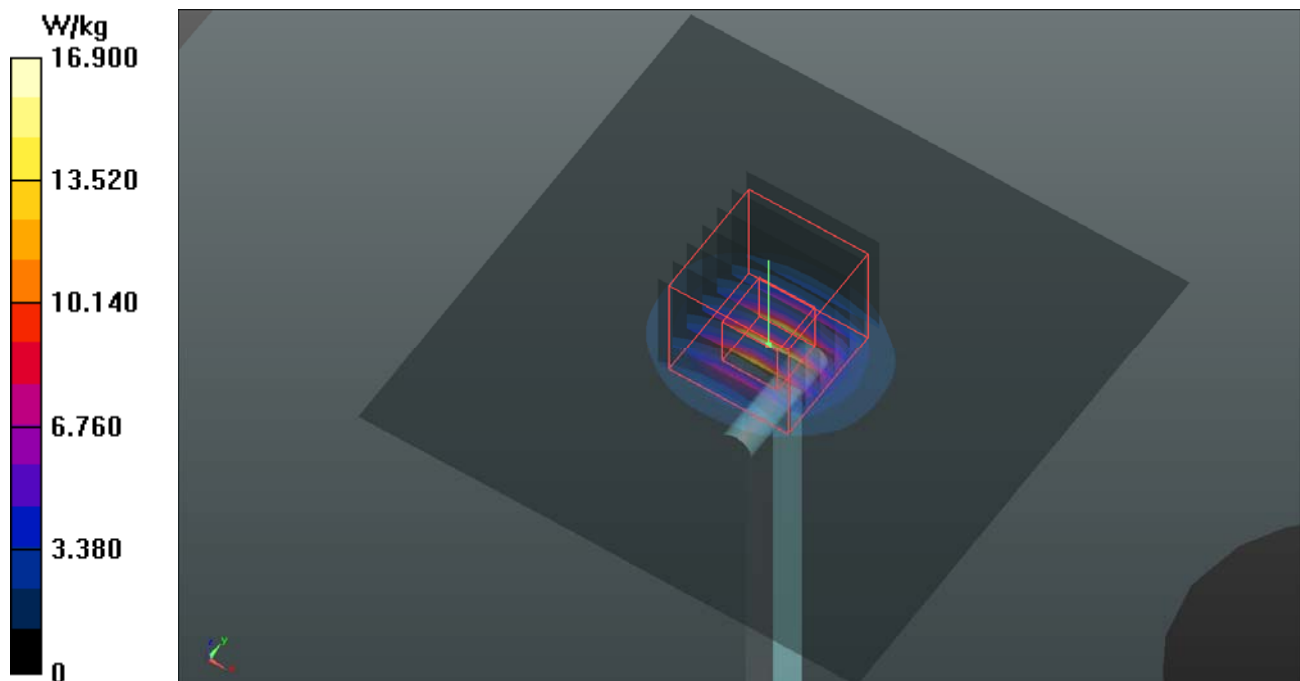
Pin=100mW/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 60.47 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 35.0 W/kg

SAR(1 g) = 8 W/kg; SAR(10 g) = 2.26 W/kg

Maximum value of SAR (measured) = 17.3 W/kg



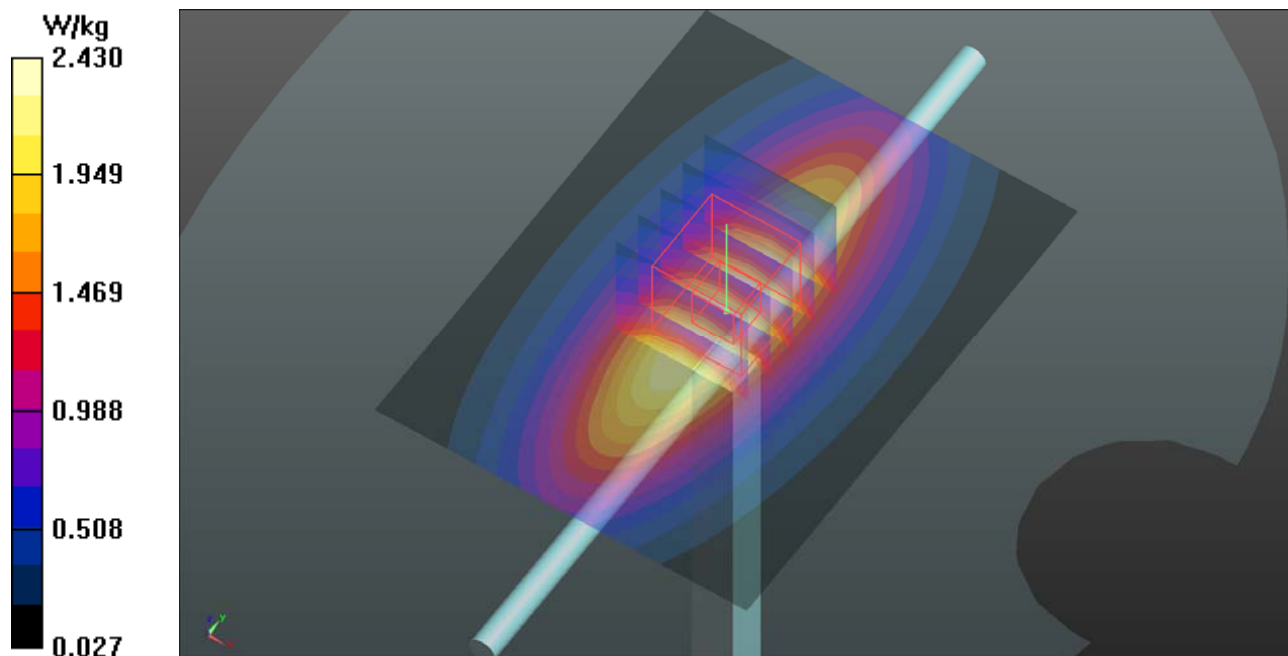
System Check_B750_150908**DUT: Dipole 750 MHz; Type: D750V3; SN: 1132**

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

Medium: B07T10N2_0908 Medium parameters used: $f = 750 \text{ MHz}$; $\sigma = 0.912 \text{ S/m}$; $\epsilon_r = 56.595$; $\rho = 1000 \text{ kg/m}^3$ Ambient Temperature : 23.7°C ; Liquid Temperature : 23.3°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3864; ConvF(9.94, 9.94, 9.94); Calibrated: 2015/07/23;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn915; Calibrated: 2015/06/11
- Phantom: Twin SAM Phantom_1653; Type: QD000P40;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Pin=250mW/Area Scan (61x81x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$ Maximum value of SAR (interpolated) = 2.43 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 = 53.22 V/m ; Power Drift = -0.05 dB Peak SAR (extrapolated) = 2.81 W/kg **SAR(1 g) = 1.96 W/kg ; SAR(10 g) = 1.33 W/kg** Maximum value of SAR (measured) = 2.44 W/kg 

System Check_B835_150906**DUT: Dipole 835 MHz; Type: D835V2; SN: 4d092**

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

Medium: B07T10N2_0906 Medium parameters used: $f = 835$ MHz; $\sigma = 1.018$ S/m; $\epsilon_r = 54.389$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.7 °C; Liquid Temperature : 23.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3864; ConvF(9.83, 9.83, 9.83); Calibrated: 2015/07/23;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn915; Calibrated: 2015/06/11
- Phantom: Twin SAM Phantom_1653; Type: QD000P40;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Pin=250mW/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 3.00 W/kg

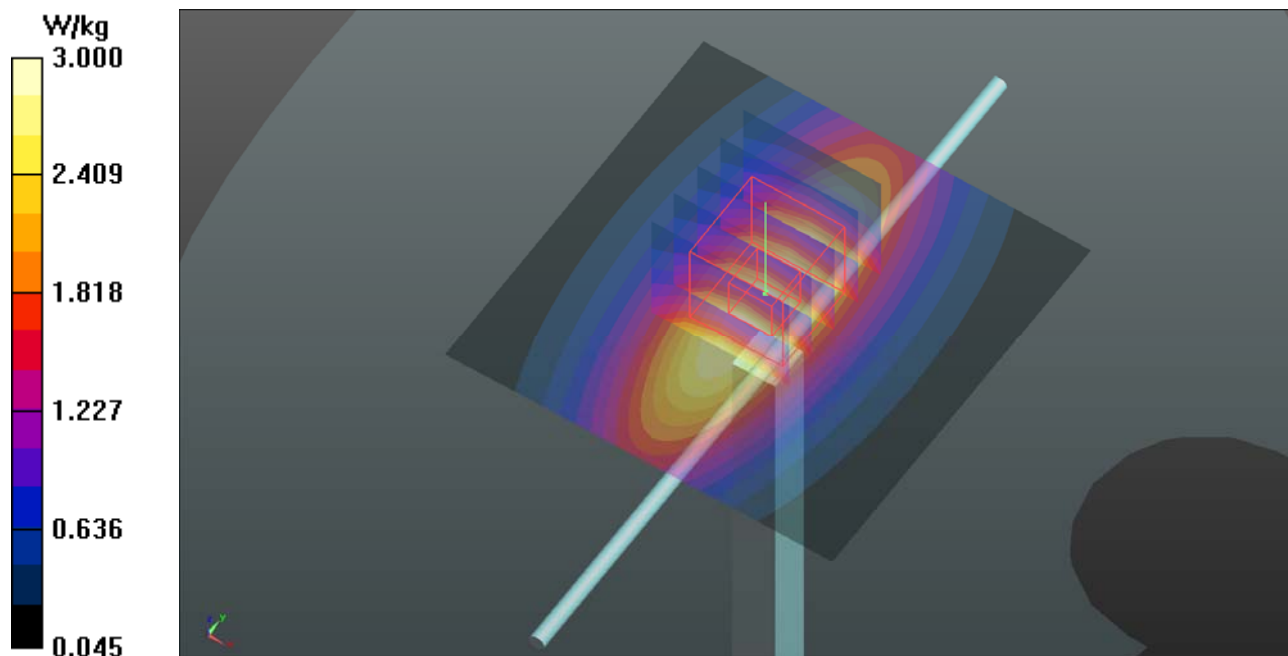
Pin=250mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 51.98 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 3.59 W/kg

SAR(1 g) = 2.36 W/kg; SAR(10 g) = 1.55 W/kg

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



System Check_B1750_150906**DUT: Dipole 1750 MHz; Type: D1750V2; SN: 1023**

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

Medium: B16T20N1_0906 Medium parameters used: $f = 1750$ MHz; $\sigma = 1.434$ S/m; $\epsilon_r = 52.399$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C; Liquid Temperature : 22.8 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3971; ConvF(8.04, 8.04, 8.04); Calibrated: 2015/03/26;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1431; Calibrated: 2015/03/20
- Phantom: Twin SAM Phantom_1823; Type: QD000P40CD;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Pin=250mW/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 14.4 W/kg

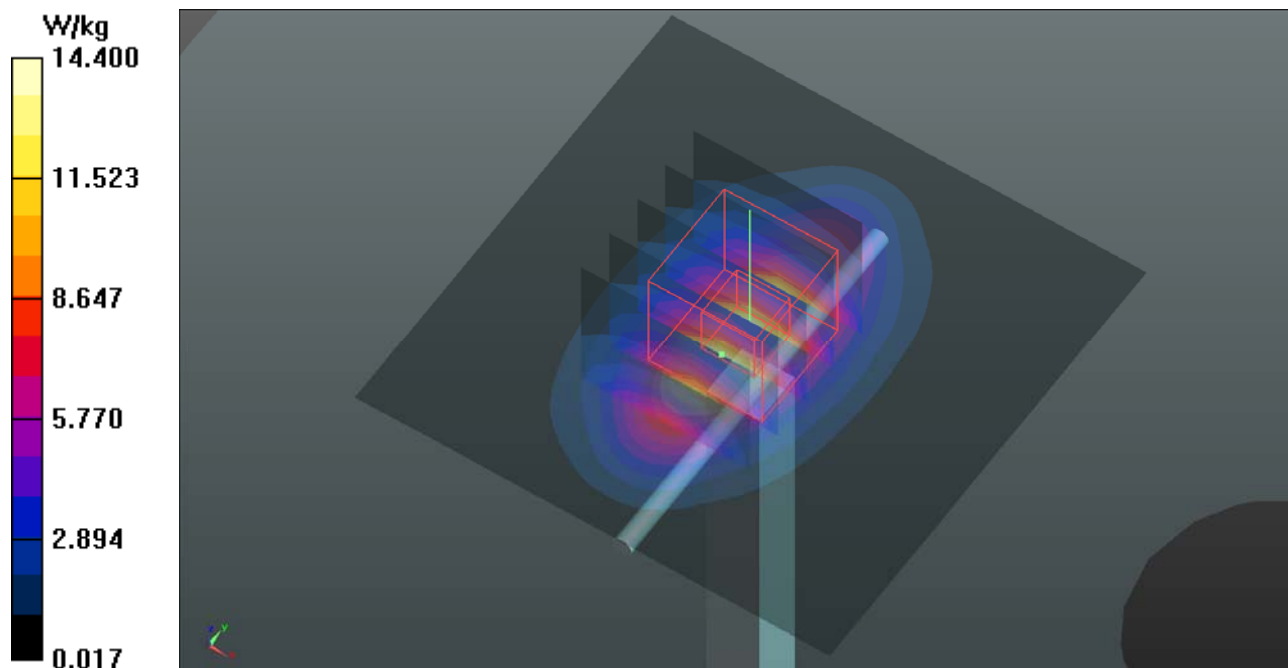
Pin=250mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 101.4 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 17.4 W/kg

SAR(1 g) = 9.83 W/kg; SAR(10 g) = 5.27 W/kg

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



System Check_B1900_150903**DUT: Dipole 1900 MHz; Type: D1900V2; SN: 5d036**

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

Medium: B16T20N1_0903 Medium parameters used: $f = 1900$ MHz; $\sigma = 1.578$ S/m; $\epsilon_r = 51.68$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3971; ConvF(7.85, 7.85, 7.85); Calibrated: 2015/03/26;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1431; Calibrated: 2015/03/20
- Phantom: Twin SAM Phantom_1823; Type: QD000P40CD;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Pin=250mW/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 14.6 W/kg

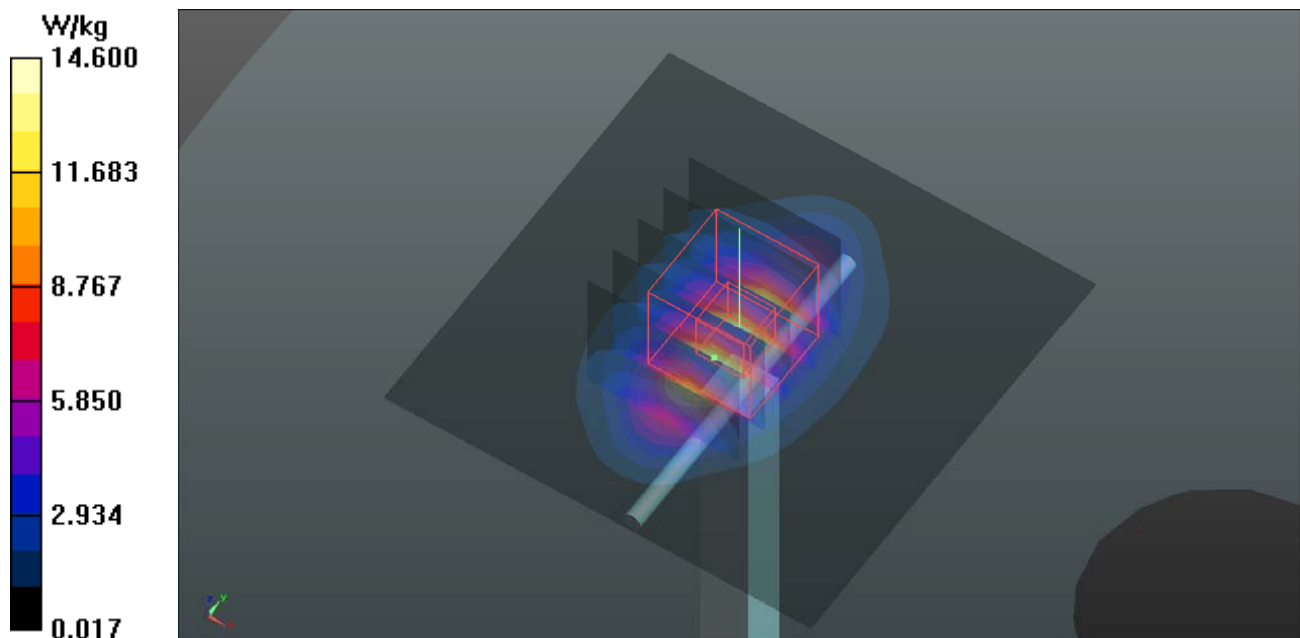
Pin=250mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 96.40 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 17.7 W/kg

SAR(1 g) = 9.83 W/kg; SAR(10 g) = 5.11 W/kg

Maximum value of SAR (measured) = 13.9 W/kg



System Check_B2450_150908**DUT: Dipole 2450 MHz; Type: D2450V2; SN: 835**

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

Medium: B19T27N3_0908 Medium parameters used: $f = 2450$ MHz; $\sigma = 2.01$ S/m; $\epsilon_r = 52.447$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C; Liquid Temperature : 23.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3864; ConvF(7.3, 7.3, 7.3); Calibrated: 2015/07/23;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn915; Calibrated: 2015/06/11
- Phantom: Twin SAM Phantom_1653; Type: QD000P40;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Pin=250mW/Area Scan (81x81x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 20.5 W/kg

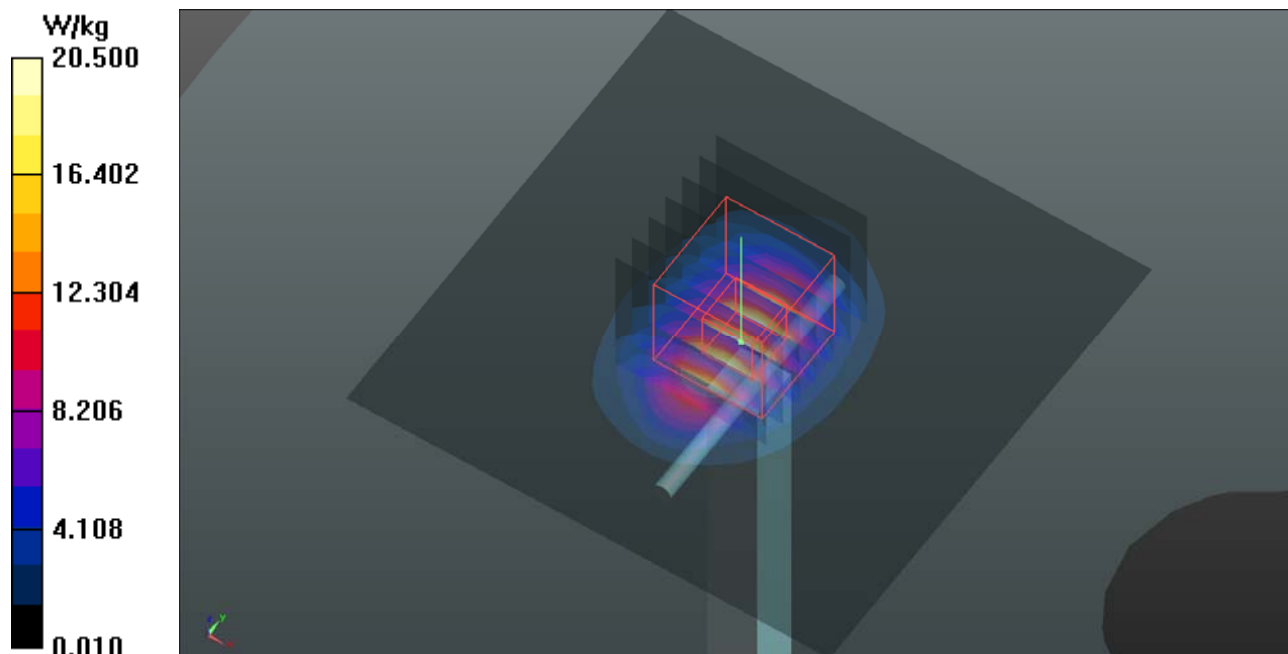
Pin=250mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 101.1 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 28.0 W/kg

SAR(1 g) = 13.3 W/kg; SAR(10 g) = 6.09 W/kg

Maximum value of SAR (measured) = 20.5 W/kg



System Check_B2600_150906**DUT: Dipole 2600 MHz; Type: D2600V2; SN: 1058**

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

Medium: B19T27N3_0906 Medium parameters used: $f = 2600$ MHz; $\sigma = 2.168$ S/m; $\epsilon_r = 50.901$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.7 °C; Liquid Temperature : 23.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3971; ConvF(6.77, 6.77, 6.77); Calibrated: 2015/03/26;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1431; Calibrated: 2015/03/20
- Phantom: Twin SAM Phantom_1823; Type: QD000P40CD;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Pin=250mW/Area Scan (81x81x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

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

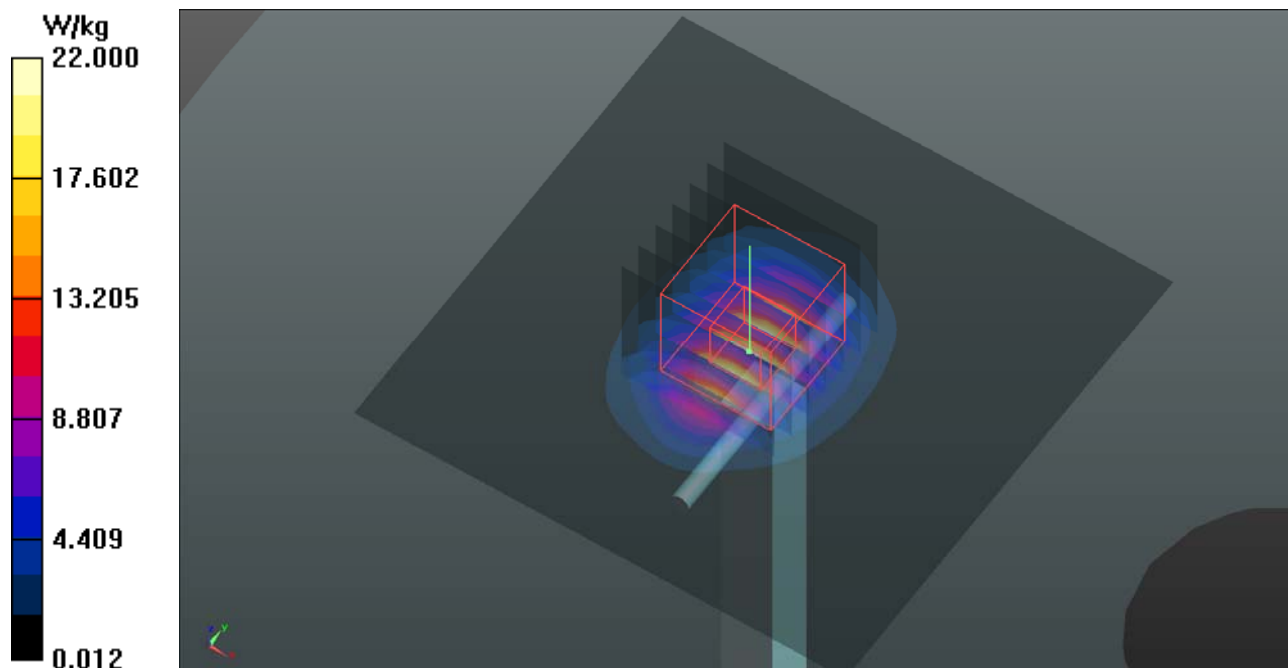
Pin=250mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 99.65 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 30.7 W/kg

SAR(1 g) = 14 W/kg; SAR(10 g) = 6.19 W/kg

Maximum value of SAR (measured) = 22.1 W/kg



System Check_B5300_150831**DUT: Dipole 5 GHz; Type: D5GHzV2; SN: 1040**

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

Medium: B34T60N3_0831 Medium parameters used: $f = 5300$ MHz; $\sigma = 5.542$ S/m; $\epsilon_r = 47.565$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C; Liquid Temperature : 23.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3864; ConvF(4.41, 4.41, 4.41); Calibrated: 2015/07/23;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn915; Calibrated: 2015/06/11
- Phantom: Twin SAM Phantom_1652; Type: QD000P40;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

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

Maximum value of SAR (interpolated) = 16.3 W/kg

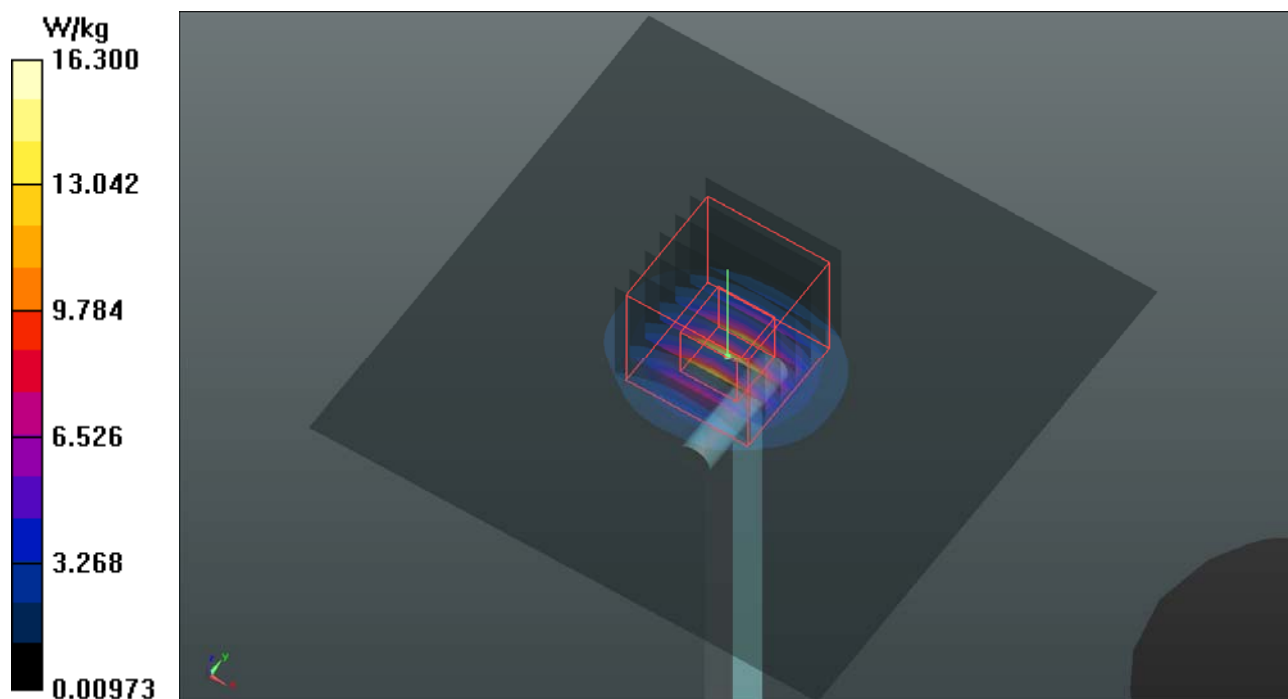
Pin=100mW/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 58.87 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 30.8 W/kg

SAR(1 g) = 7.72 W/kg; SAR(10 g) = 2.19 W/kg

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



System Check_B5600_150831**DUT: Dipole 5 GHz; Type: D5GHzV2; SN: 1040**

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

Medium: B34T60N3_0831 Medium parameters used: $f = 5600$ MHz; $\sigma = 5.96$ S/m; $\epsilon_r = 46.959$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C; Liquid Temperature : 23.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3864; ConvF(3.93, 3.93, 3.93); Calibrated: 2015/07/23;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn915; Calibrated: 2015/06/11
- Phantom: Twin SAM Phantom_1652; Type: QD000P40;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

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

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

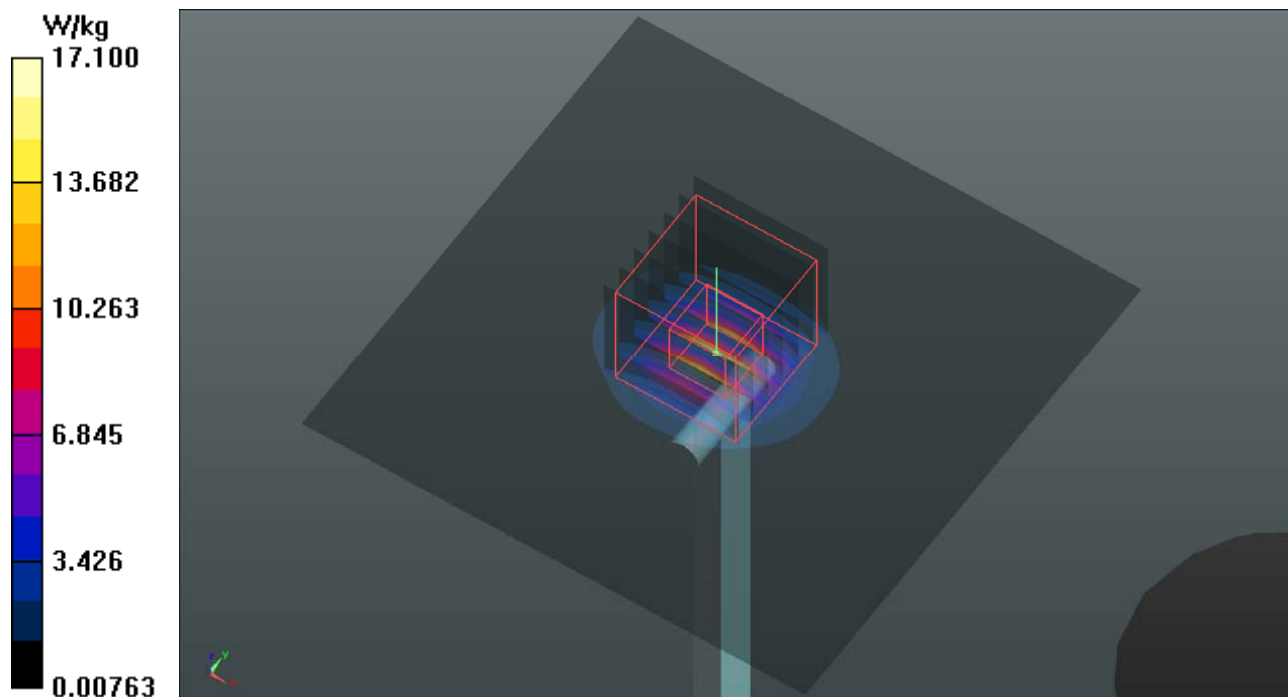
Pin=100mW/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 60.50 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 31.3 W/kg

SAR(1 g) = 8.09 W/kg; SAR(10 g) = 2.31 W/kg

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



System Check_B5800_150831**DUT: Dipole 5 GHz; Type: D5GHzV2; SN: 1040**

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

Medium: B34T60N3_0831 Medium parameters used: $f = 5800$ MHz; $\sigma = 6.237$ S/m; $\epsilon_r = 46.574$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C; Liquid Temperature : 23.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3864; ConvF(4.2, 4.2, 4.2); Calibrated: 2015/07/23;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn915; Calibrated: 2015/06/11
- Phantom: Twin SAM Phantom_1652; Type: QD000P40;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

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

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

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

Reference Value = 55.52 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 29.7 W/kg

SAR(1 g) = 7.27 W/kg; SAR(10 g) = 2.08 W/kg

Maximum value of SAR (measured) = 15.6 W/kg

