

Appendix A. SAR Plots of System Verification

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

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Report No.: SA141006C19A

System Check_H750_141027

DUT: Dipole 750 MHz; Type: D750V3; SN: 1013

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

Medium: H07T08N3_1027 Medium parameters used: f = 750 MHz; $\sigma = 0.892$ S/m; $\varepsilon_r = 41.542$; $\rho = 0.892$ S/m; $\varepsilon_r = 41.542$; $\rho = 0.892$ S/m; $\varepsilon_r = 41.542$; $\rho = 0.892$ S/m; $\varepsilon_r =$

Date: 2014/10/27

 1000 kg/m^3

Ambient Temperature : 22.6 °C; Liquid Temperature : 21.7 °C

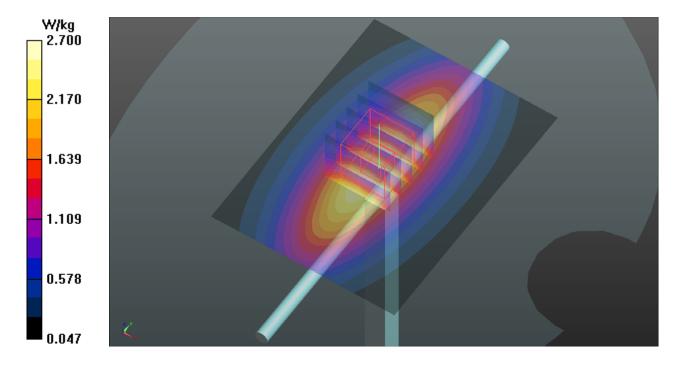
DASY5 Configuration:

- Probe: EX3DV4 SN3971; ConvF(10.3, 10.3, 10.3); Calibrated: 2014/03/31;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1431; Calibrated: 2014/03/24
- Phantom: Twin SAM Phantom 1823; 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) = 2.70 W/kg

Pin=250mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm Reference Value = 56.27 V/m; Power Drift = 0.04 dB Peak SAR (extrapolated) = 3.23 W/kg **SAR(1 g) = 2.2 W/kg; SAR(10 g) = 1.47 W/kg**

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



Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab

System Check_H835_141027

DUT: Dipole 835 MHz; Type: D835V2; SN: 4d121

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

Medium: H08T09N3_1027 Medium parameters used: f = 835 MHz; σ = 0.89 S/m; ϵ_r = 42.994; ρ =

Date: 2014/10/27

 1000 kg/m^3

Ambient Temperature : 22.6 °C; Liquid Temperature : 21.7 °C

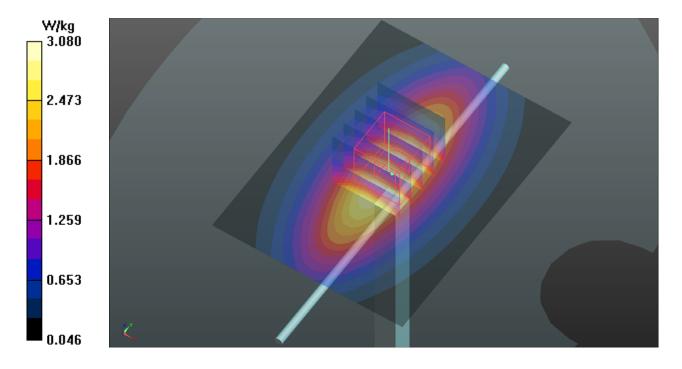
DASY5 Configuration:

- Probe: EX3DV4 SN3971; ConvF(10, 10, 10); Calibrated: 2014/03/31;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1431; Calibrated: 2014/03/24
- Phantom: Twin SAM Phantom 1823; 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) = 3.08 W/kg

Pin=250mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm Reference Value = 60.01 V/m; Power Drift = 0.16 dB Peak SAR (extrapolated) = 3.80 W/kg SAR(1 g) = 2.51 W/kg; SAR(10 g) = 1.65 W/kg

Maximum value of SAR (measured) = 3.21 W/kg



System Check H1750 141104

DUT: Dipole 1750 MHz; Type: D1750V2; SN: 1055

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

Medium: H17T18N2 1104 Medium parameters used: f = 1750 MHz; $\sigma = 1.387$ S/m; $\varepsilon_r = 41.439$; $\rho =$ 1000 kg/m^3

Date: 2014/11/04

Ambient Temperature : 21.5 °C; Liquid Temperature : 21.3 °C

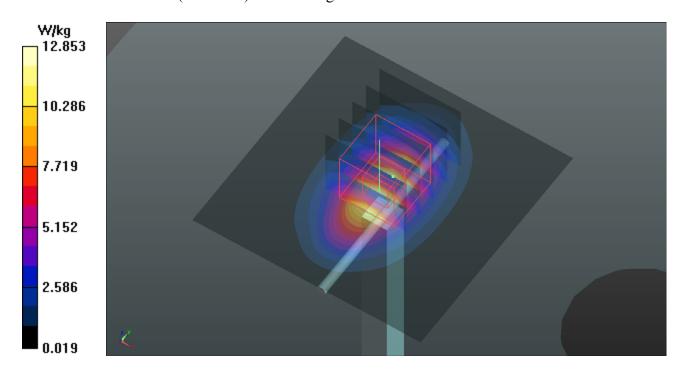
DASY5 Configuration:

- Probe: EX3DV4 SN3650; ConvF(8.1, 8.1, 8.1); Calibrated: 2014/07/28;
- Sensor-Surface: 2mm (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 (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm Maximum value of SAR (interpolated) = 12.9 W/kg

Pin=250mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm Reference Value = 96.45 V/m; Power Drift = -0.03 dB Peak SAR (extrapolated) = 15.7 W/kg

SAR(1 g) = 8.7 W/kg; SAR(10 g) = 4.61 W/kgMaximum value of SAR (measured) = 12.3 W/kg



System Check_H1900_141103

DUT: Dipole 1900 MHz; Type: D1900V2; SN: 5d036

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

Medium: H18T19N2_1103 Medium parameters used: f = 1900 MHz; $\sigma = 1.451$ S/m; $\varepsilon_r = 39.087$; $\rho = 1.000$ kg/m³

Date: 2014/11/03

 1000 kg/m^3

Ambient Temperature : 22.1 °C; Liquid Temperature : 21.6 °C

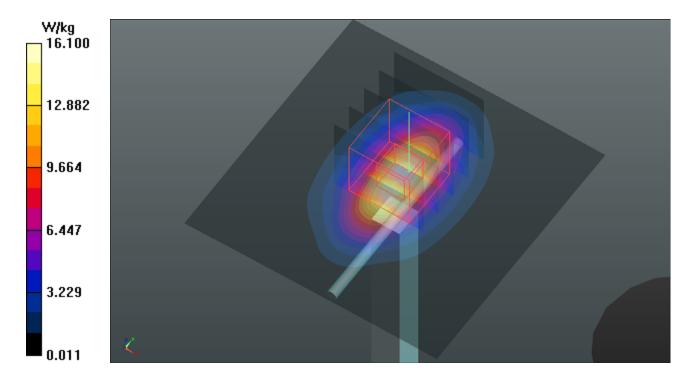
DASY5 Configuration:

- Probe: EX3DV4 SN3650; ConvF(7.92, 7.92, 7.92); Calibrated: 2014/07/28;
- Sensor-Surface: 2mm (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 (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm Maximum value of SAR (interpolated) = 16.1 W/kg

Pin=250mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm Reference Value = 102.7 V/m; Power Drift = 0.01 dB Peak SAR (extrapolated) = 18.9 W/kg

SAR(1 g) = 10.5 W/kg; SAR(10 g) = 5.49 W/kgMaximum value of SAR (measured) = 14.7 W/kg



System Check_H2450_141105

DUT: Dipole 2450 MHz; Type: D2450V2; SN: 737

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

Medium: H24T25N3_1105 Medium parameters used: f = 2450 MHz; $\sigma = 1.886$ S/m; $\epsilon_r = 38.615$; $\rho = 2450$ MHz; $\sigma = 1.886$ S/m; $\epsilon_r = 38.615$; $\rho = 2450$ MHz; $\sigma = 1.886$ S/m; $\epsilon_r = 38.615$; $\rho = 2450$ MHz; $\sigma = 1.886$ S/m; $\epsilon_r = 38.615$; $\rho = 2450$ MHz; $\sigma = 1.886$ S/m; $\epsilon_r = 38.615$; $\rho = 2450$ MHz; $\sigma = 1.886$ S/m; $\epsilon_r = 38.615$; $\rho = 2450$ MHz; $\sigma = 1.886$ S/m; $\epsilon_r = 38.615$; $\rho = 2450$ MHz; $\sigma = 1.886$ S/m; $\epsilon_r = 38.615$; $\rho = 2450$ MHz; $\sigma = 1.886$ S/m; $\epsilon_r = 38.615$; $\rho = 2450$ MHz; $\sigma = 1.886$ S/m; $\epsilon_r = 38.615$; ϵ_r

Date: 2014/11/05

 1000 kg/m^3

Ambient Temperature : 21.8 °C; Liquid Temperature : 21.4 °C

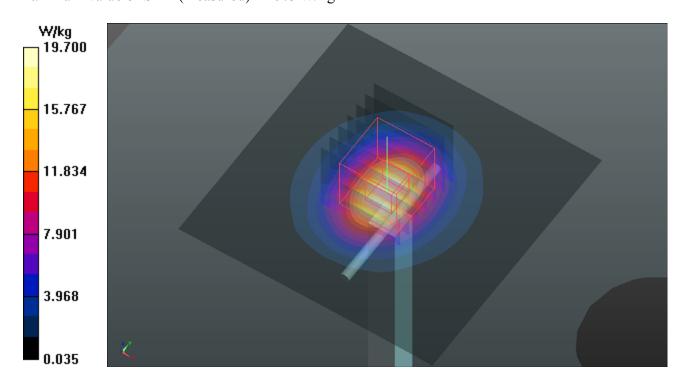
DASY5 Configuration:

- Probe: EX3DV4 SN3650; ConvF(7.18, 7.18, 7.18); Calibrated: 2014/07/28;
- Sensor-Surface: 2mm (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) = 19.7 W/kg

Pin=250mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm Reference Value = 103.7 V/m; Power Drift = 0.01 dB Peak SAR (extrapolated) = 26.3 W/kg

SAR(1 g) = 13.3 W/kg; SAR(10 g) = 6.57 W/kgMaximum value of SAR (measured) = 19.8 W/kg



System Check_H2600_141020

DUT: Dipole 2600 MHz; Type: D2600V2; SN: 1020

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

Medium: H2600-A_1020 Medium parameters used: f = 2600 MHz; $\sigma = 2.052$ S/m; $\varepsilon_r = 37.587$; $\rho =$

Date: 2014/10/20

 1000 kg/m^3

Ambient Temperature: 21.7°C; Liquid Temperature: 20.9°C

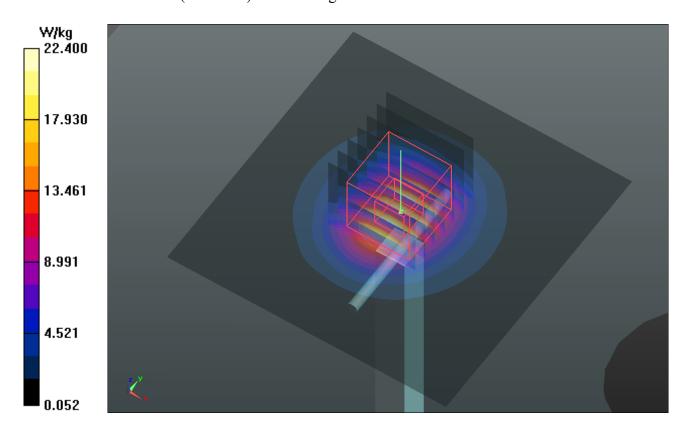
DASY5 Configuration:

- Probe: EX3DV4 SN3661; ConvF(7.38, 7.38, 7.38); Calibrated: 2014/03/10;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 2014/07/14
- Phantom: Right Phantom with CRP v5.0; Type: QD000P40CD; Serial: TP:1722
- Measurement SW: DASY52, Version 52.8 (7); 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) = 22.4 W/kg

Pin=250mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm Reference Value = 105.5 V/m; Power Drift = 0.03 dB Peak SAR (extrapolated) = 31.0 W/kg **SAR(1 g) = 15 W/kg; SAR(10 g) = 7.18 W/kg**

Maximum value of SAR (measured) = 22.8 W/kg



System Check_H5200_141105

DUT: Dipole 5 GHz; Type: D5GHzV2; SN: 1019

Communication System: CW; Frequency: 5200 MHz; Duty Cycle: 1:1

Medium: H50T60N1_1105 Medium parameters used: f = 5200 MHz; $\sigma = 4.73$ S/m; $\varepsilon_r = 35.512$; $\rho = 1.000$ J $\times 10^{-3}$

Date: 2014/11/05

 1000 kg/m^3

Ambient Temperature : 22.1 °C; Liquid Temperature : 21.4 °C

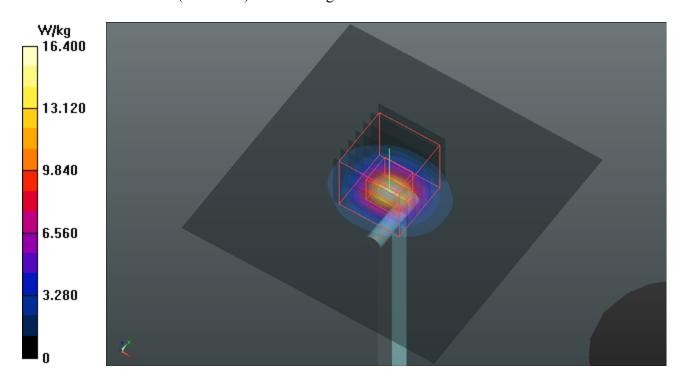
DASY5 Configuration:

- Probe: EX3DV4 SN3650; ConvF(5.31, 5.31, 5.31); Calibrated: 2014/07/28;
- Sensor-Surface: 2mm (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=100mW/Area Scan (91x91x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm Maximum value of SAR (interpolated) = 16.4 W/kg

Pin=100mW/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm Reference Value = 62.76 V/m; Power Drift = -0.03 dB Peak SAR (extrapolated) = 32.4 W/kg

SAR(1 g) = 7.85 W/kg; SAR(10 g) = 2.24 W/kgMaximum value of SAR (measured) = 16.7 W/kg



System Check_H5300_141105

DUT: Dipole 5 GHz; Type: D5GHzV2; SN: 1019

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

Medium: H50T60N1_1105 Medium parameters used: f = 5300 MHz; $\sigma = 4.835$ S/m; $\epsilon_r = 35.355$; $\rho = 1000$ kg/m³

Date: 2014/11/05

Ambient Temperature: 22.1 °C; Liquid Temperature: 21.4 °C

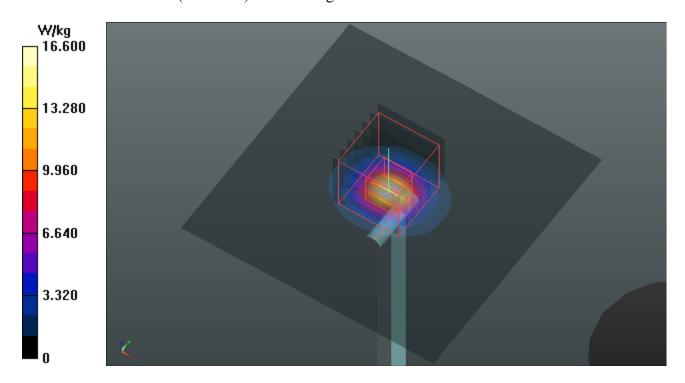
DASY5 Configuration:

- Probe: EX3DV4 SN3650; ConvF(5.1, 5.1, 5.1); Calibrated: 2014/07/28;
- Sensor-Surface: 2mm (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=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 = 62.67 V/m; Power Drift = -0.01 dB Peak SAR (extrapolated) = 33.4 W/kg

SAR(1 g) = 8.02 W/kg; SAR(10 g) = 2.27 W/kgMaximum value of SAR (measured) = 17.0 W/kg



System Check_H5600_141105

DUT: Dipole 5 GHz; Type: D5GHzV2; SN: 1019

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

Medium: H50T60N1_1105 Medium parameters used: f = 5600 MHz; $\sigma = 5.17$ S/m; $\varepsilon_r = 34.876$; $\rho = 1000 \text{ kg/m}^3$

Date: 2014/11/05

Ambient Temperature : 22.1 °C; Liquid Temperature : 21.4 °C

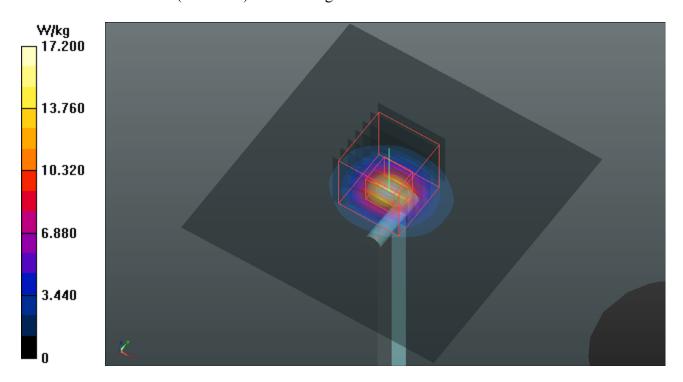
DASY5 Configuration:

- Probe: EX3DV4 SN3650; ConvF(4.77, 4.77, 4.77); Calibrated: 2014/07/28;
- Sensor-Surface: 2mm (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=100mW/Area Scan (91x91x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm Maximum value of SAR (interpolated) = 17.2 W/kg

Pin=100mW/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm Reference Value = 62.35 V/m; Power Drift = -0.05 dB Peak SAR (extrapolated) = 36.1 W/kg

SAR(1 g) = 8.18 W/kg; SAR(10 g) = 2.31 W/kgMaximum value of SAR (measured) = 17.8 W/kg



System Check_H5800_141105

DUT: Dipole 5 GHz; Type: D5GHzV2; SN: 1019

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

Medium: H50T60N1_1105 Medium parameters used: f = 5800 MHz; $\sigma = 5.402$ S/m; $\varepsilon_r = 34.529$; $\rho = 1000$ kg/m³

Date: 2014/11/05

Ambient Temperature : 22.1 °C; Liquid Temperature : 21.4 °C

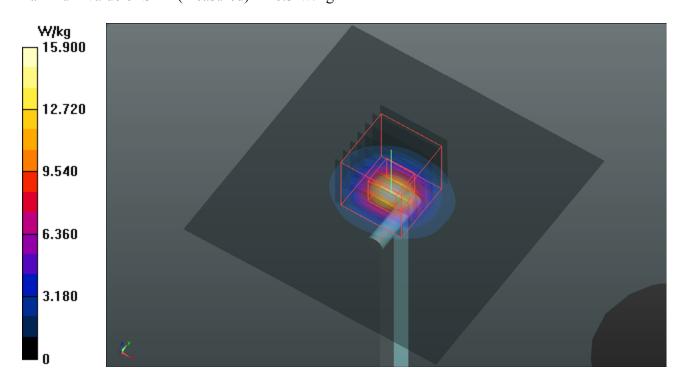
DASY5 Configuration:

- Probe: EX3DV4 SN3650; ConvF(4.86, 4.86, 4.86); Calibrated: 2014/07/28;
- Sensor-Surface: 2mm (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=100mW/Area Scan (91x91x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm Maximum value of SAR (interpolated) = 15.9 W/kg

Pin=100mW/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm Reference Value = 59.15 V/m; Power Drift = 0.03 dB Peak SAR (extrapolated) = 32.8 W/kg

SAR(1 g) = 7.57 W/kg; SAR(10 g) = 2.14 W/kgMaximum value of SAR (measured) = 16.3 W/kg



Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab

System Check_B750_141030

DUT: Dipole 750 MHz; Type: D750V3; SN: 1013

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

Medium: B07T08N3_1030 Medium parameters used: f = 750 MHz; σ = 0.967 S/m; ϵ_r = 55.252; ρ =

Date: 2014/10/30

 1000 kg/m^3

Ambient Temperature : 22.7 °C; Liquid Temperature : 21.8 °C

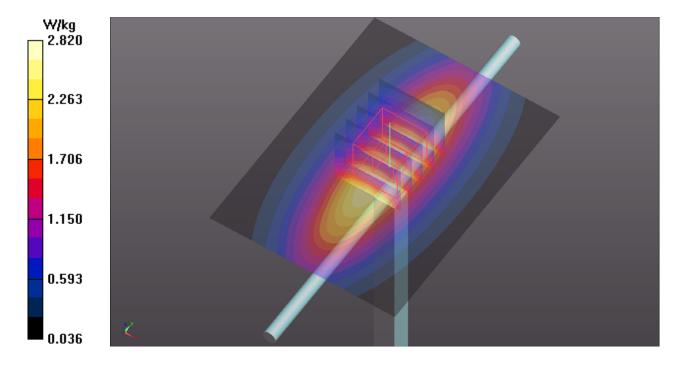
DASY5 Configuration:

- Probe: EX3DV4 SN3971; ConvF(9.91, 9.91, 9.91); Calibrated: 2014/03/31;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1431; Calibrated: 2014/03/24
- Phantom: ELI Phantom 1206; Type: QDOVA;
- 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) = 2.82 W/kg

Pin=250mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm Reference Value = 55.17 V/m; Power Drift = -0.04 dB Peak SAR (extrapolated) = 3.26 W/kg

SAR(1 g) = 2.25 W/kg; SAR(10 g) = 1.52 W/kgMaximum value of SAR (measured) = 2.81 W/kg



System Check B835 141031

DUT: Dipole 835 MHz; Type: D835V2; SN: 4d121

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

Medium: B08T09N1_1031 Medium parameters used: f = 835 MHz; $\sigma = 0.991$ S/m; $\varepsilon_r = 55.186$; $\rho =$

Date: 2014/10/31

 1000 kg/m^3

Ambient Temperature: 21.8 °C; Liquid Temperature: 21.5 °C

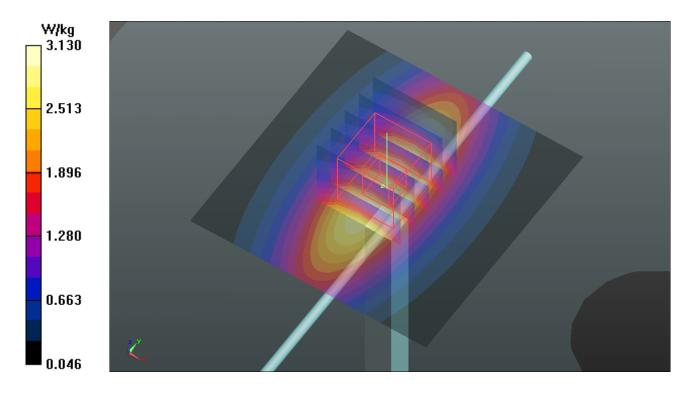
DASY5 Configuration:

- Probe: EX3DV4 SN3590; ConvF(10.31, 10.31, 10.31); Calibrated: 2014/03/04;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510; Calibrated: 2014/08/26
- Phantom: Twin SAM Phantom 1202; Type: QD000P40;
- Measurement SW: DASY52, Version 52.8 (7); 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) = 3.13 W/kg

Pin=250mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm Reference Value = 54.35 V/m; Power Drift = -0.02 dB Peak SAR (extrapolated) = 3.59 W/kg

SAR(1 g) = 2.45 W/kg; SAR(10 g) = 1.62 W/kgMaximum value of SAR (measured) = 3.08 W/kg



System Check_B1750_141104

DUT: Dipole 1750 MHz; Type: D1750V2; SN: 1055

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

Medium: B17T18N1_1104 Medium parameters used: f = 1750 MHz; $\sigma = 1.487$ S/m; $\epsilon_r = 52.185$; $\rho = 1.487$ S/m; $\epsilon_r = 52.185$

Date: 2014/11/04

 1000 kg/m^3

Ambient Temperature : 21.3 °C; Liquid Temperature : 20.6 °C

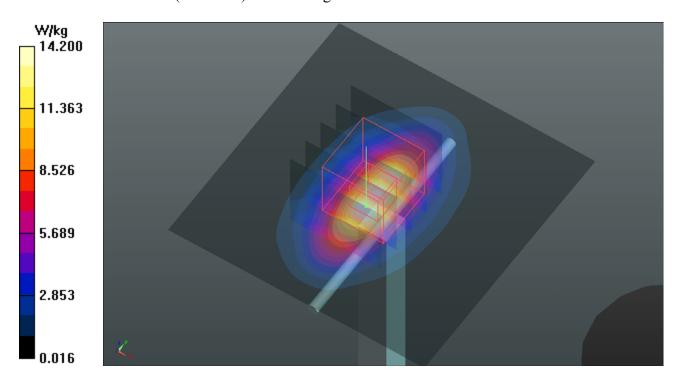
DASY5 Configuration:

- Probe: EX3DV4 SN3650; ConvF(7.78, 7.78, 7.78); Calibrated: 2014/07/28;
- Sensor-Surface: 2mm (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 (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm Maximum value of SAR (interpolated) = 14.2 W/kg

Pin=250mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm Reference Value = 95.94 V/m; Power Drift = 0.00 dB Peak SAR (extrapolated) = 16.7 W/kg

SAR(1 g) = 9.57 W/kg; SAR(10 g) = 5.16 W/kgMaximum value of SAR (measured) = 13.2 W/kg



System Check_B1900_141030

DUT: Dipole 1900 MHz; Type: D1900V2; SN: 5d036

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

Medium: B18T19N1_1030 Medium parameters used: f = 1900 MHz; $\sigma = 1.553$ S/m; $\epsilon_r = 51.888$; ρ

Date: 2014/10/30

 $= 1000 \text{ kg/m}^3$

Ambient Temperature: 22.3 °C; Liquid Temperature: 21.4 °C

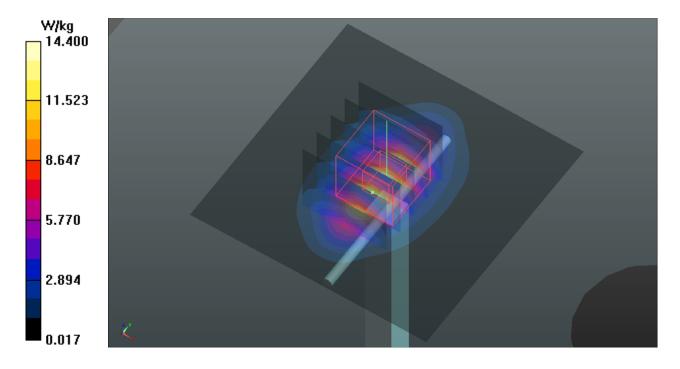
DASY5 Configuration:

- Probe: EX3DV4 SN3971; ConvF(7.68, 7.68, 7.68); Calibrated: 2014/03/31;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1431; Calibrated: 2014/03/24
- Phantom: Twin SAM Phantom 1823; 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) = 14.4 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) = 17.5 W/kg SAR(1 g) = 9.68 W/kg; SAR(10 g) = 5.03 W/kg

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



System Check_B2450_141105

DUT: Dipole 2450 MHz; Type: D2450V2; SN: 737

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

Medium: B24T25N2_1105 Medium parameters used: f = 2450 MHz; $\sigma = 1.973$ S/m; $\epsilon_r = 53.183$; $\rho = 1.973$ S/m; $\epsilon_r = 53.183$

Date: 2014/11/05

 1000 kg/m^3

Ambient Temperature : 21.9 °C; Liquid Temperature : 21.4 °C

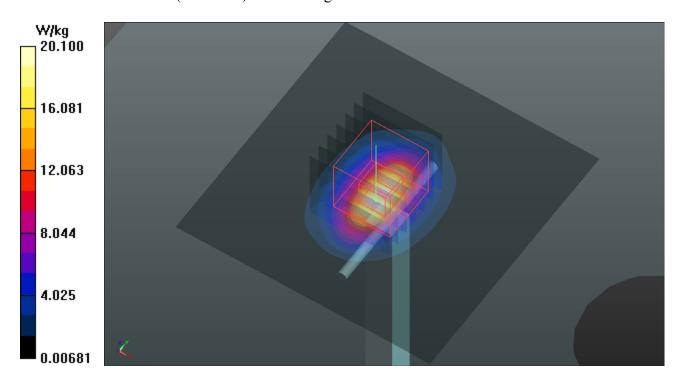
DASY5 Configuration:

- Probe: EX3DV4 SN3650; ConvF(6.81, 6.81, 6.81); Calibrated: 2014/07/28;
- Sensor-Surface: 2mm (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) = 20.1 W/kg

Pin=250mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm Reference Value = 99.87 V/m; Power Drift = 0.01 dB Peak SAR (extrapolated) = 26.9 W/kg

SAR(1 g) = 12.9 W/kg; SAR(10 g) = 5.97 W/kgMaximum value of SAR (measured) = 19.6 W/kg



System Check_B2600_141105

DUT: Dipole 2600 MHz; Type: D2600V2; SN: 1020

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

Medium: B25T27N2_1105 Medium parameters used: f = 2600 MHz; $\sigma = 2.179$ S/m; $\varepsilon_r = 52.122$; $\rho = 1.000$ J $_{\odot}$

Date: 2014/11/05

 1000 kg/m^3

Ambient Temperature : 21.9 °C; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: EX3DV4 SN3650; ConvF(6.69, 6.69, 6.69); Calibrated: 2014/07/28;
- Sensor-Surface: 2mm (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) = 21.8 W/kg

Pin=250mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm Reference Value = 98.56 V/m; Power Drift = 0.02 dB Peak SAR (extrapolated) = 29.7 W/kg

SAR(1 g) = 13.6 W/kg; SAR(10 g) = 6.06 W/kgMaximum value of SAR (measured) = 21.3 W/kg

