Appendix A. SAR Plots of System Verification

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

Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab Date: 2014/07/13

System Check_H750_140713

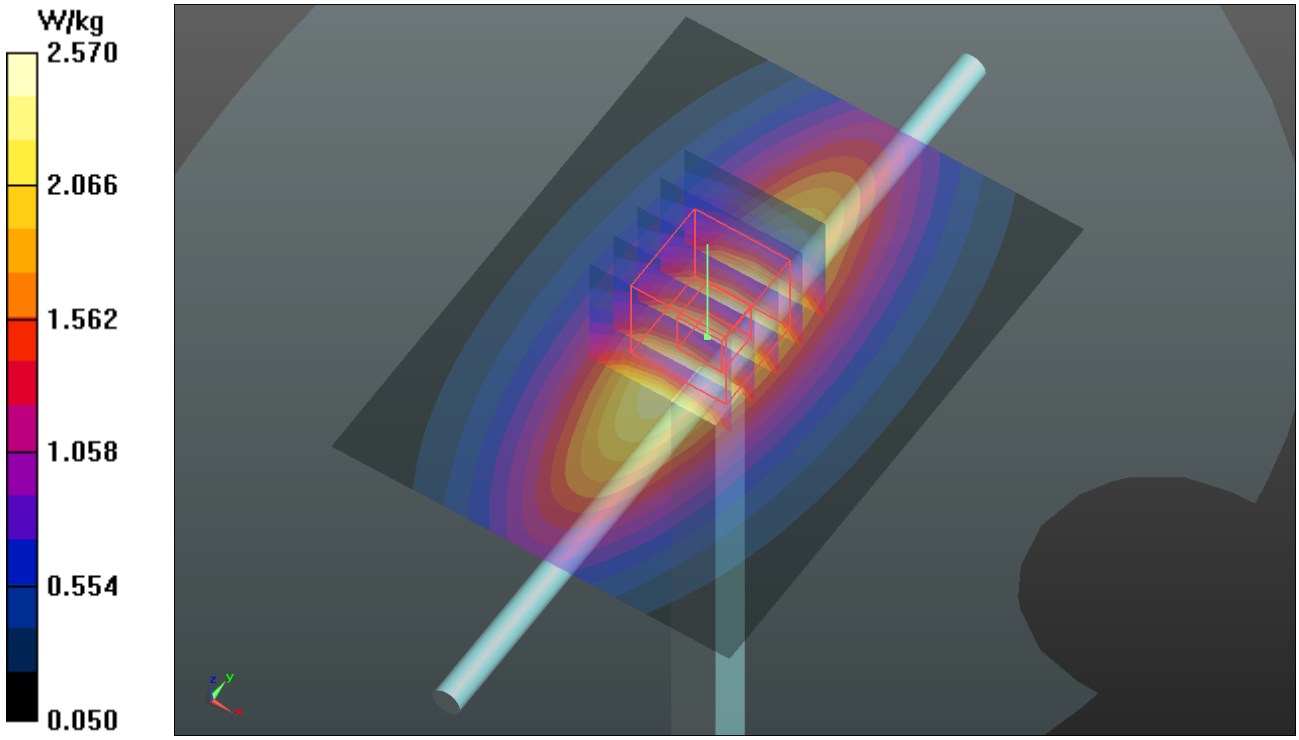
DUT: Dipole 750 MHz; Type: D750V3; SN: 1013

Communication System: CW; Frequency: 750 MHz;Duty Cycle: 1:1
Medium: H07T08N2_0713 Medium parameters used: f = 750 MHz; σ = 0.912 S/m; ε_r = 40.638; ρ = 1000 kg/m^3
Ambient Temperature：22.5℃; Liquid Temperature：21.5℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3578; ConvF(8.95, 8.95, 8.95); Calibrated: 2014/06/24;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2014/04/23
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1485
- 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) = 2.57 W/kg

Pin=250mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 54.44 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 2.99 W/kg
SAR(1 g) = 2.04 W/kg; SAR(10 g) = 1.36 W/kg
Maximum value of SAR (measured) = 2.57 W/kg



Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab Date: 2014/07/13

System Check_H835_140713

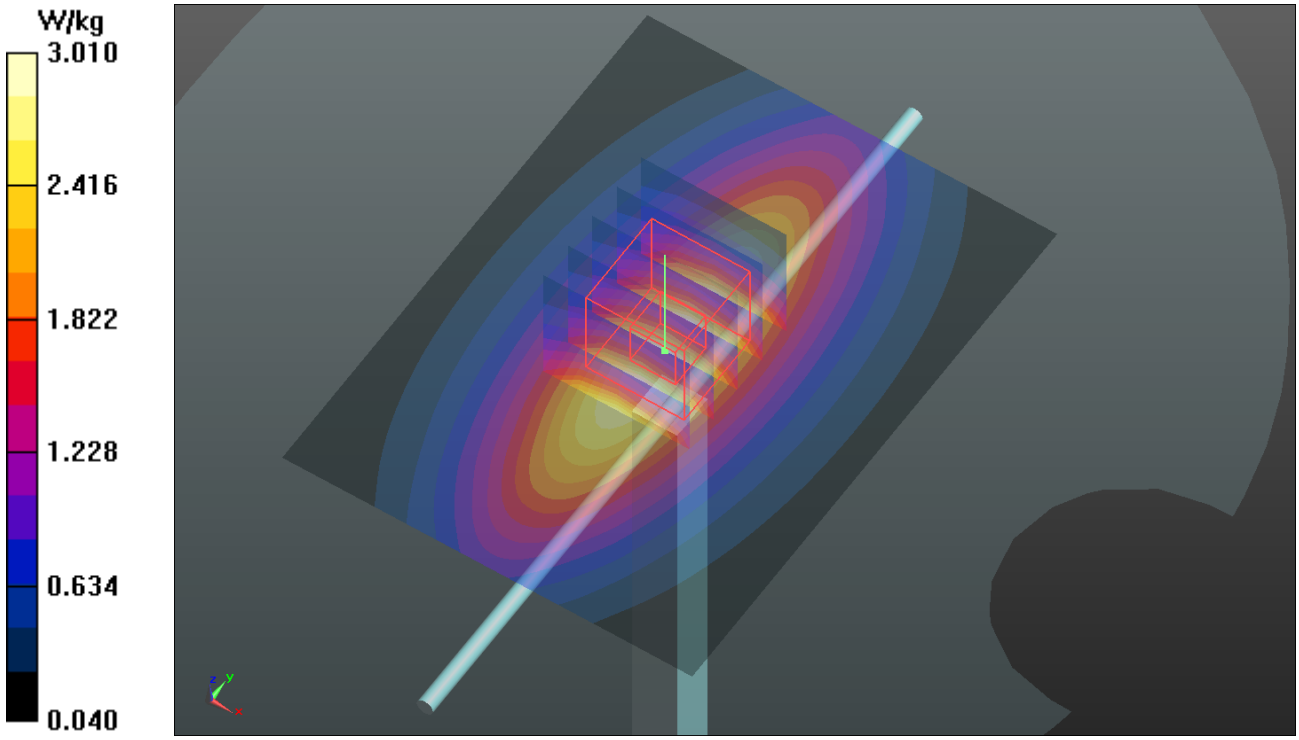
DUT: Dipole 835 MHz; Type: D835V2; SN: 4d121

Communication System: CW; Frequency: 835 MHz;Duty Cycle: 1:1
Medium: H08T09N2_0713 Medium parameters used: f = 835 MHz; σ = 0.922 S/m; ε_r = 41.793; ρ = 1000 kg/m^3
Ambient Temperature：22.1℃; Liquid Temperature：21.6℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3578; ConvF(8.59, 8.59, 8.59); Calibrated: 2014/06/24;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2014/04/23
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1485
- 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) = 3.01 W/kg

Pin=250mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 58.24 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 3.55 W/kg
SAR(1 g) = 2.35 W/kg; SAR(10 g) = 1.54 W/kg
Maximum value of SAR (measured) = 3.01 W/kg



Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab Date: 2014/07/12

System Check_H1750_140712

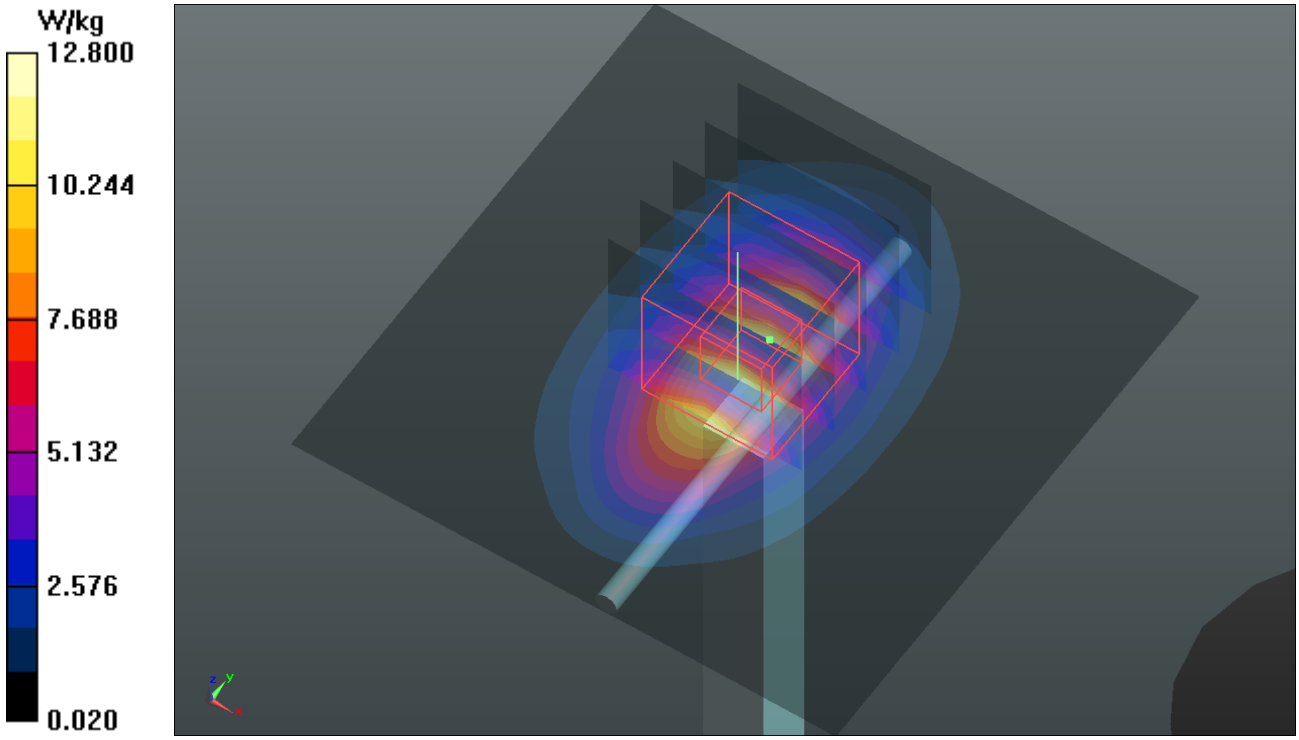
DUT: Dipole 1750 MHz; Type: D1750V2; SN: 1055

Communication System: CW; Frequency: 1750 MHz;Duty Cycle: 1:1
Medium: H17T18N2_0712 Medium parameters used: f = 1750 MHz; σ = 1.374 S/m; ε_r = 40.859; ρ = 1000 kg/m^3
Ambient Temperature：22.1℃; Liquid Temperature：21.6℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3578; ConvF(7.71, 7.71, 7.71); Calibrated: 2014/06/24;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2014/04/23
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1485
- 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) = 12.8 W/kg

Pin=250mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 96.05 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 15.5 W/kg
SAR(1 g) = 8.57 W/kg; SAR(10 g) = 4.55 W/kg
Maximum value of SAR (measured) = 12.2 W/kg



Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab Date: 2014/07/12

System Check_H1900_140712

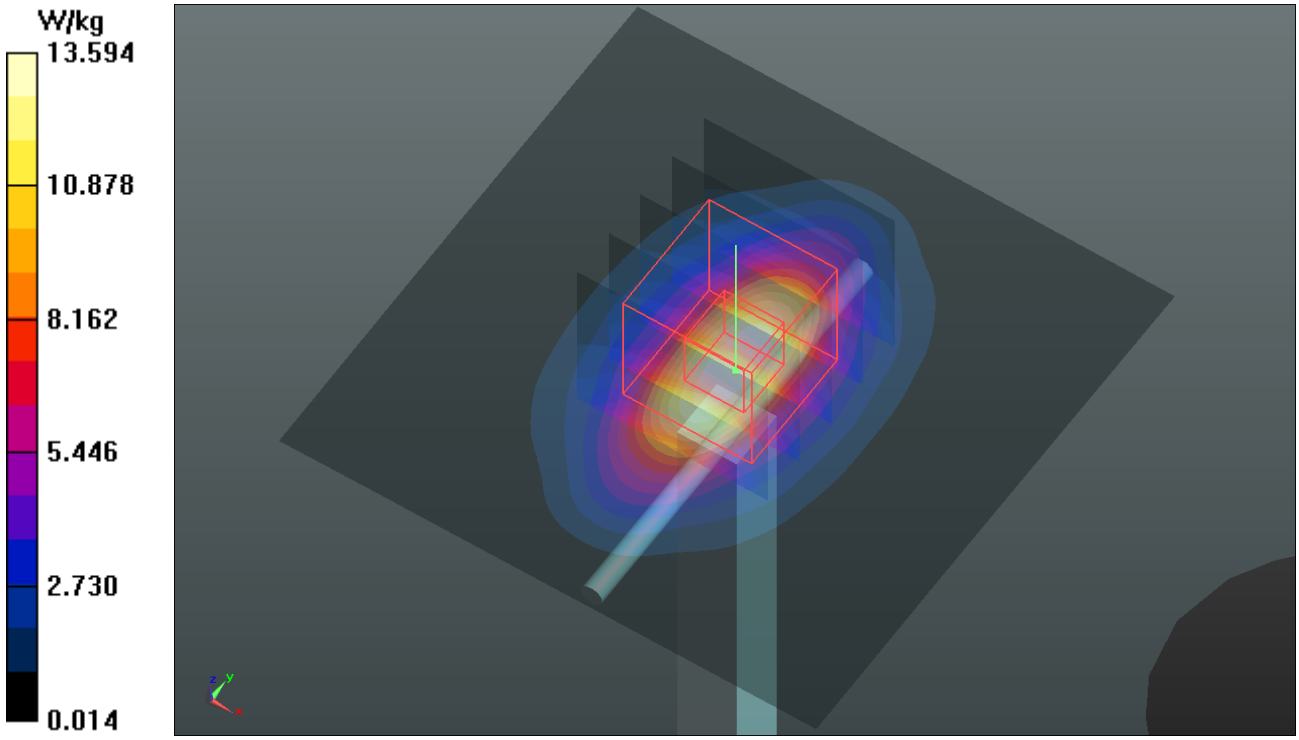
DUT: Dipole 1900 MHz; Type: D1900V2; SN: 5d036

Communication System: CW; Frequency: 1900 MHz;Duty Cycle: 1:1
Medium: H18T19N2_0712 Medium parameters used: f = 1900 MHz; σ = 1.442 S/m; ε_r = 39.194; ρ = 1000 kg/m^3
Ambient Temperature：22.1℃; Liquid Temperature：21.6℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3578; ConvF(7.35, 7.35, 7.35); Calibrated: 2014/06/24;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2014/04/23
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1485
- 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) = 13.6 W/kg

Pin=250mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 98.68 V/m; Power Drift = 0.15 dB
Peak SAR (extrapolated) = 18.5 W/kg
SAR(1 g) = 9.62 W/kg; SAR(10 g) = 4.85 W/kg
Maximum value of SAR (measured) = 14.1 W/kg



System Check_H2450_140701

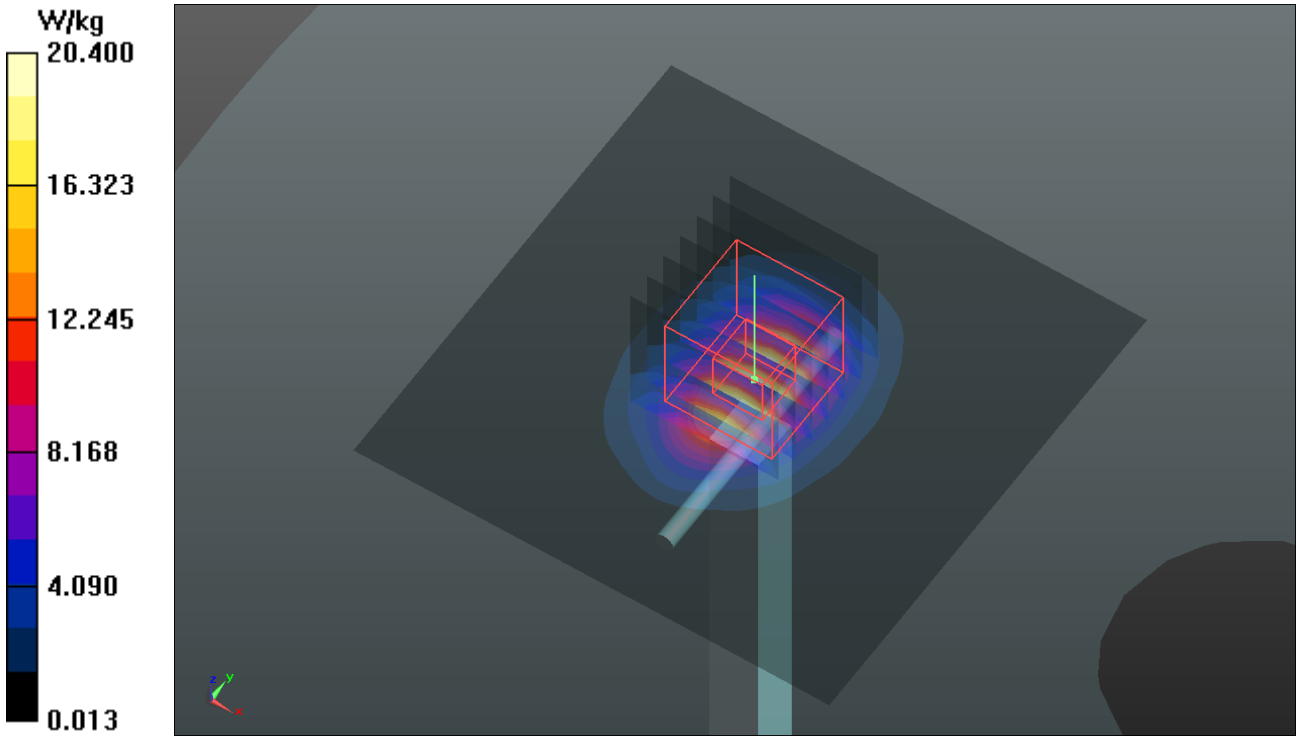
DUT: Dipole 2450 MHz; Type: D2450V2; SN: 737

Communication System: CW; Frequency: 2450 MHz;Duty Cycle: 1:1
Medium: H24T25N1_0701 Medium parameters used: f = 2450 MHz; σ = 1.854 S/m; ε_r = 38.574; ρ = 1000 kg/m^3
Ambient Temperature：21.7℃； Liquid Temperature：21.1℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(7.95, 7.95, 7.95); Calibrated: 2014/03/04;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2014/04/23
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1485
- 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) = 20.4 W/kg

Pin=250mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 105.9 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 28.3 W/kg
SAR(1 g) = 13 W/kg; SAR(10 g) = 5.89 W/kg
Maximum value of SAR (measured) = 20.4 W/kg



Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab Date: 2014/07/06

System Check_H2600_140706

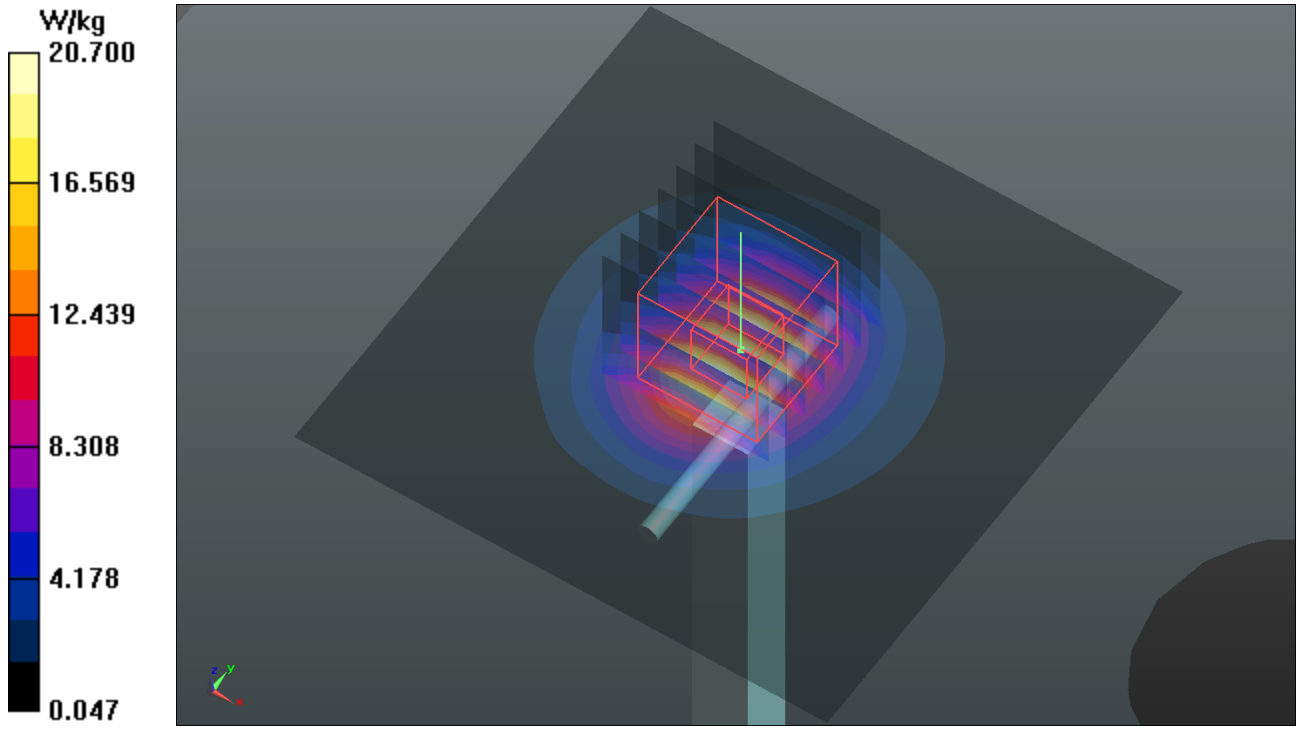
DUT: Dipole 2600 MHz; Type: D2600V2; SN: 1020

Communication System: CW; Frequency: 2600 MHz;Duty Cycle: 1:1
Medium: H25T26N1_0706 Medium parameters used: f = 2600 MHz; σ = 2.047 S/m; ε_r = 37.736; ρ = 1000 kg/m^3
Ambient Temperature：22.1 ℃； Liquid Temperature：21.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3820; ConvF(6.73, 6.73, 6.73); Calibrated: 2014/05/15;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1431; Calibrated: 2014/03/24
- Phantom: SAM Phantom_Right; Type: SAM V5.0; Serial: TP 1822
- 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) = 20.7 W/kg

Pin=250mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 102.0 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 28.2 W/kg
SAR(1 g) = 13.8 W/kg; SAR(10 g) = 6.61 W/kg
Maximum value of SAR (measured) = 20.8 W/kg



Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab Date: 2014/07/19

System Check_B750_140719

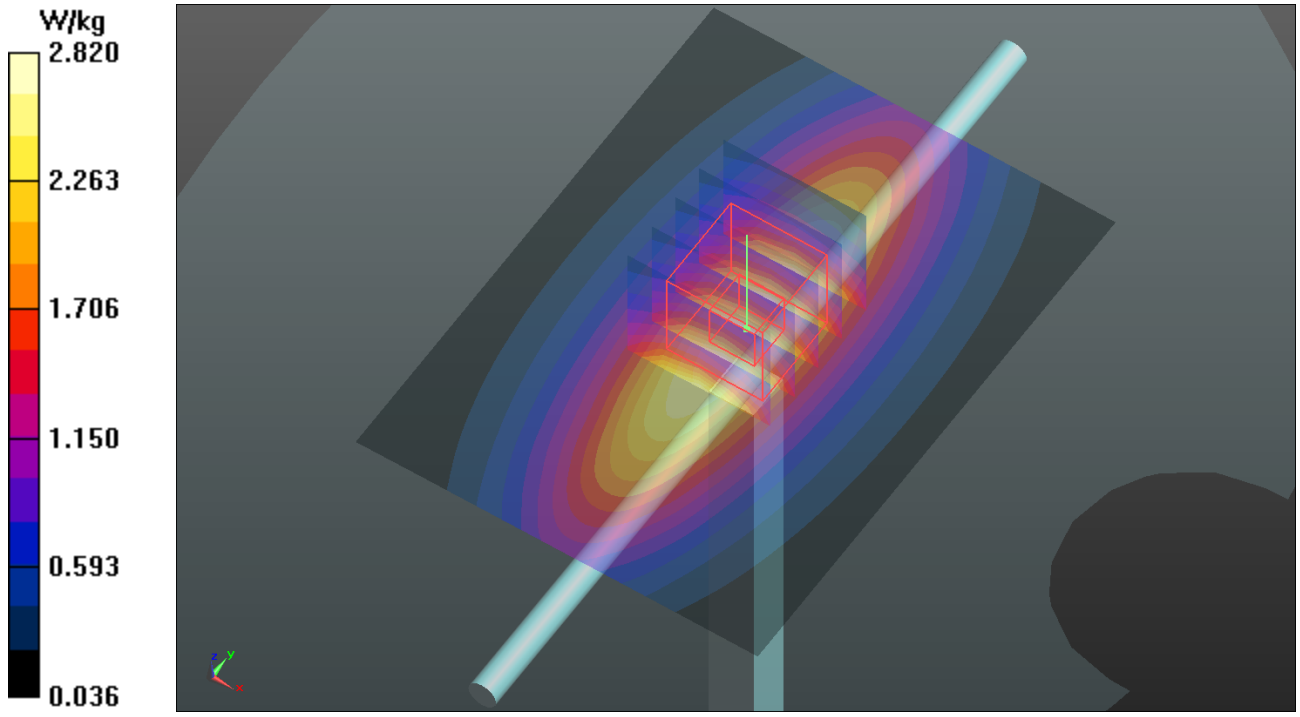
DUT: Dipole 750 MHz; Type: D750V3; SN: 1013

Communication System: CW; Frequency: 750 MHz;Duty Cycle: 1:1
Medium: B07T08N2_0719 Medium parameters used: f = 750 MHz; σ = 0.966 S/m; ε_r = 55.257; ρ = 1000 kg/m^3
Ambient Temperature：22.6 ℃; Liquid Temperature：21.7 ℃

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: SAM Phantom_Left; Type: SAM V4.0; Serial: TP 1653
- 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/kg
Maximum value of SAR (measured) = 2.81 W/kg



Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab Date: 2014/07/19

System Check_B835_140719

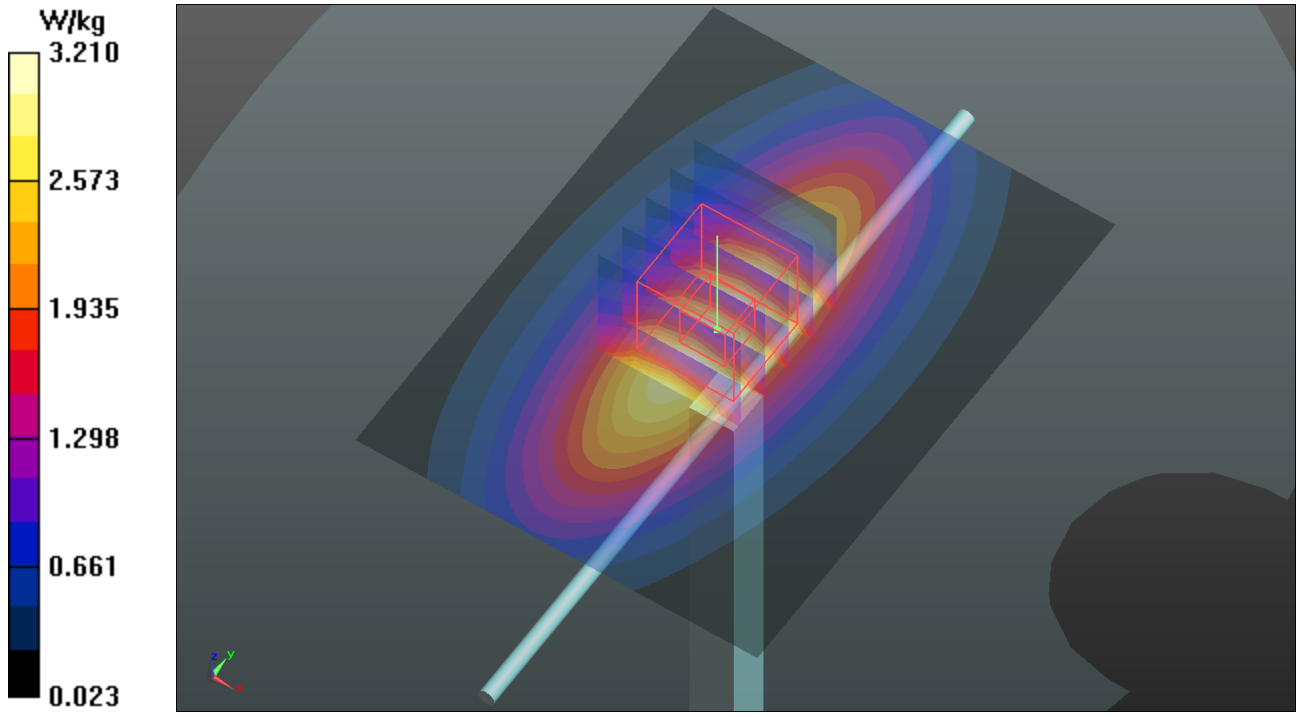
DUT: Dipole 835 MHz; Type: D835V2; SN: 4d121

Communication System: CW; Frequency: 835 MHz;Duty Cycle: 1:1
Medium: B08T09N2_0719 Medium parameters used: f = 835 MHz; σ = 0.974 S/m; ε_r = 55.307; ρ = 1000 kg/m^3
Ambient Temperature：22.5 ℃; Liquid Temperature：21.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3971; ConvF(9.74, 9.74, 9.74); Calibrated: 2014/03/31;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1431; Calibrated: 2014/03/24
- Phantom: SAM Phantom_Left; Type: SAM V4.0; Serial: TP 1653
- 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) = 3.21 W/kg

Pin=250mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 57.82 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 3.79 W/kg
SAR(1 g) = 2.56 W/kg; SAR(10 g) = 1.69 W/kg
Maximum value of SAR (measured) = 3.24 W/kg



Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab Date: 2014/07/13

System Check_B1750_140713

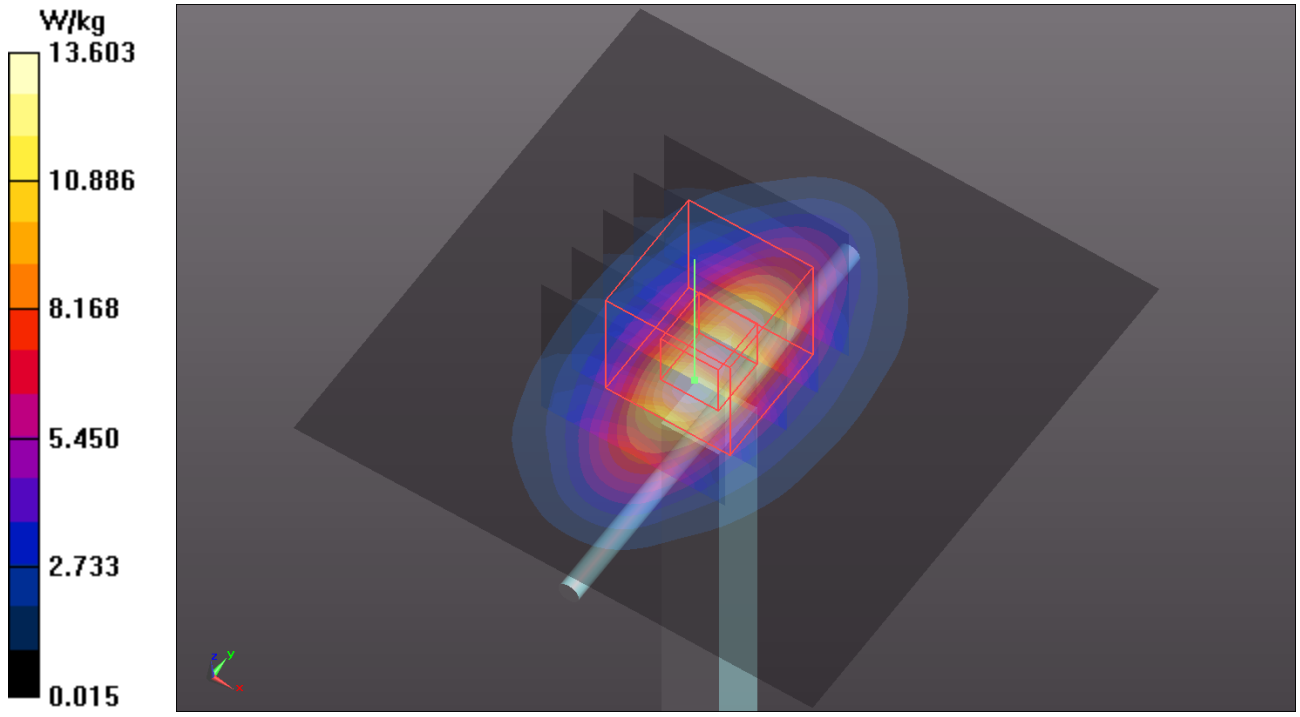
DUT: Dipole 1750 MHz; Type: D1750V2; SN: 1055

Communication System: CW; Frequency: 1750 MHz;Duty Cycle: 1:1
Medium: B17T18N3_0713 Medium parameters used: f = 1750 MHz; σ = 1.43 S/m; ε_r = 53.53; ρ = 1000 kg/m^3
Ambient Temperature：21.2 ℃； Liquid Temperature：20.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3820; ConvF(7.48, 7.48, 7.48); Calibrated: 2014/05/15;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1431; Calibrated: 2014/03/24
- Phantom: Flat Phantom ELI 5.0_Front; Type: QDOVA001BB; Serial: SN:1204
- 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) = 13.6 W/kg

Pin=250mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 95.91 V/m; Power Drift = 0.00 dB
Peak SAR (extrapolated) = 16.0 W/kg
SAR(1 g) = 9.2 W/kg; SAR(10 g) = 4.96 W/kg
Maximum value of SAR (measured) = 12.7 W/kg



Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab Date: 2014/07/15

System Check_B1900_140715

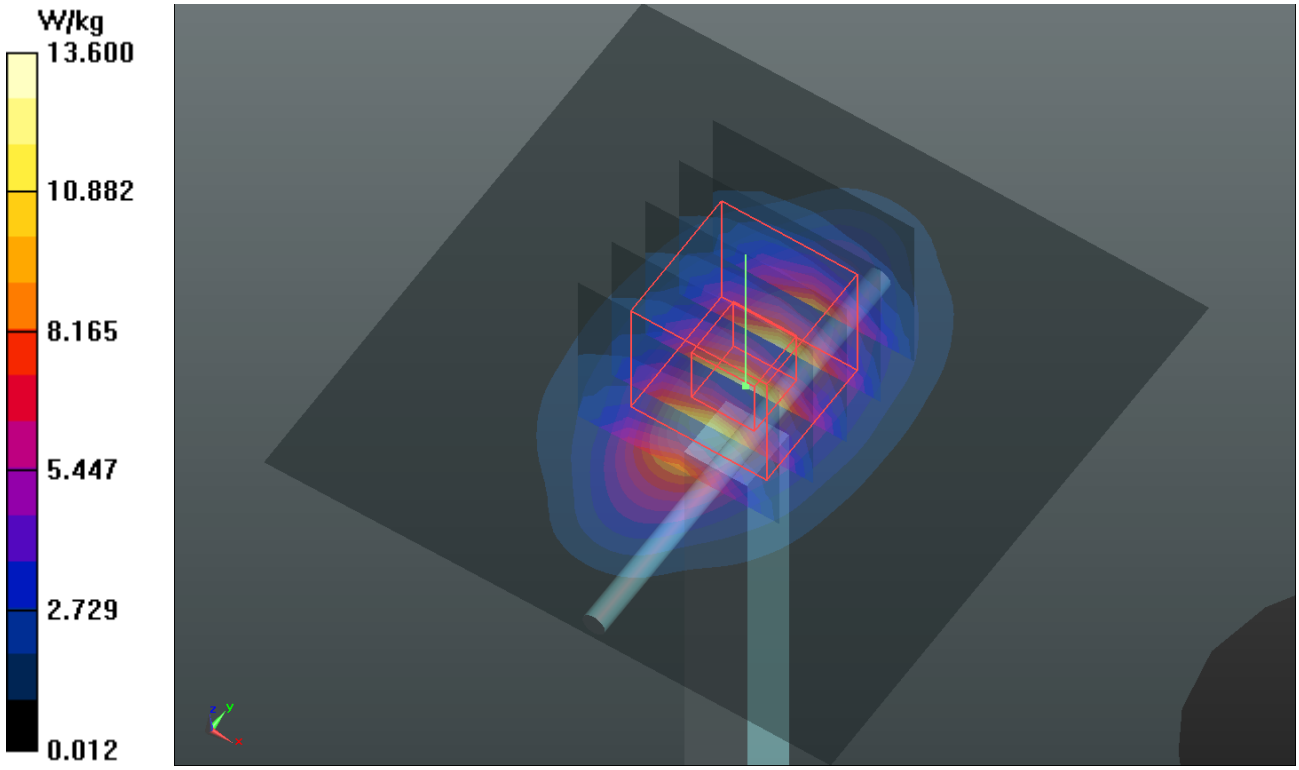
DUT: Dipole 1900 MHz; Type: D1900V2; SN: 5d036

Communication System: CW; Frequency: 1900 MHz;Duty Cycle: 1:1
Medium: B18T19N1_0715 Medium parameters used: f = 1900 MHz; σ = 1.533 S/m; ε_r = 53.731; ρ = 1000 kg/m^3
Ambient Temperature：21.8℃； Liquid Temperature：21.5℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3578; ConvF(6.86, 6.86, 6.86); Calibrated: 2014/06/24;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2014/04/23
- Phantom: SAM Phantom_Right; Type: SAM V4.0; Serial: TP 1653
- 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) = 13.6 W/kg

Pin=250mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 95.95 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 17.0 W/kg
SAR(1 g) = 9.49 W/kg; SAR(10 g) = 4.93 W/kg
Maximum value of SAR (measured) = 13.6 W/kg



Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab Date: 2014/07/01

System Check_B2450_140701

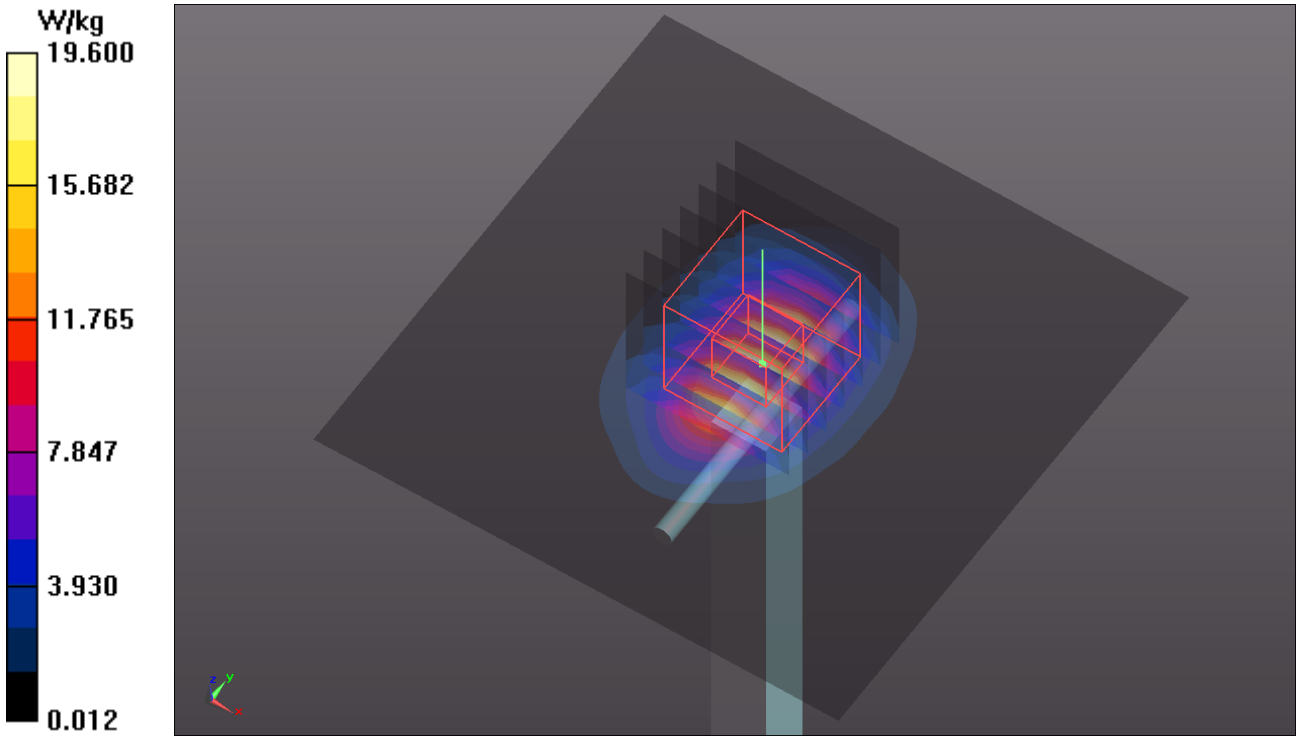
DUT: Dipole 2450 MHz; Type: D2450V2; SN: 737

Communication System: CW; Frequency: 2450 MHz;Duty Cycle: 1:1
Medium: B24T25N2_0701 Medium parameters used: f = 2450 MHz; σ = 1.972 S/m; ε_r = 51.404; ρ = 1000 kg/m^3
Ambient Temperature：21.7℃; Liquid Temperature：21.3℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(7.72, 7.72, 7.72); Calibrated: 2014/03/04;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2014/04/23
- Phantom: ELI v4.0_Left; Type: QDOVA001BB; Serial: TP:1039
- 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) = 19.6 W/kg

Pin=250mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 100.4 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 27.1 W/kg
SAR(1 g) = 12.6 W/kg; SAR(10 g) = 5.76 W/kg
Maximum value of SAR (measured) = 19.7 W/kg



Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab Date: 2014/07/04

System Check_B2600_140704

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

Communication System: CW; Frequency: 2600 MHz;Duty Cycle: 1:1
Medium: B25T26N1_0704 Medium parameters used: f = 2600 MHz; σ = 2.199 S/m; ε_r = 52.35; ρ = 1000 kg/m^3
Ambient Temperature：21.9 ℃； Liquid Temperature：21.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3820; ConvF(6.63, 6.63, 6.63); Calibrated: 2014/05/15;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1431; Calibrated: 2014/03/24
- Phantom: SAM Phantom_Left; Type: SAM V4.0; Serial: TP 1653
- 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) = 20.2 W/kg

Pin=250mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 95.51 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 28.5 W/kg
SAR(1 g) = 12.9 W/kg; SAR(10 g) = 5.71 W/kg
Maximum value of SAR (measured) = 20.5 W/kg