Appendix B. SAR Plots of SAR Measurement

The SAR plots for highest measured SAR in each exposure configuration, wireless mode and frequency band combination, and measured SAR > 1.5 W/kg are shown as follows.

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

P01 GSM850_GPRS12_Top Side_0mm_Ch128

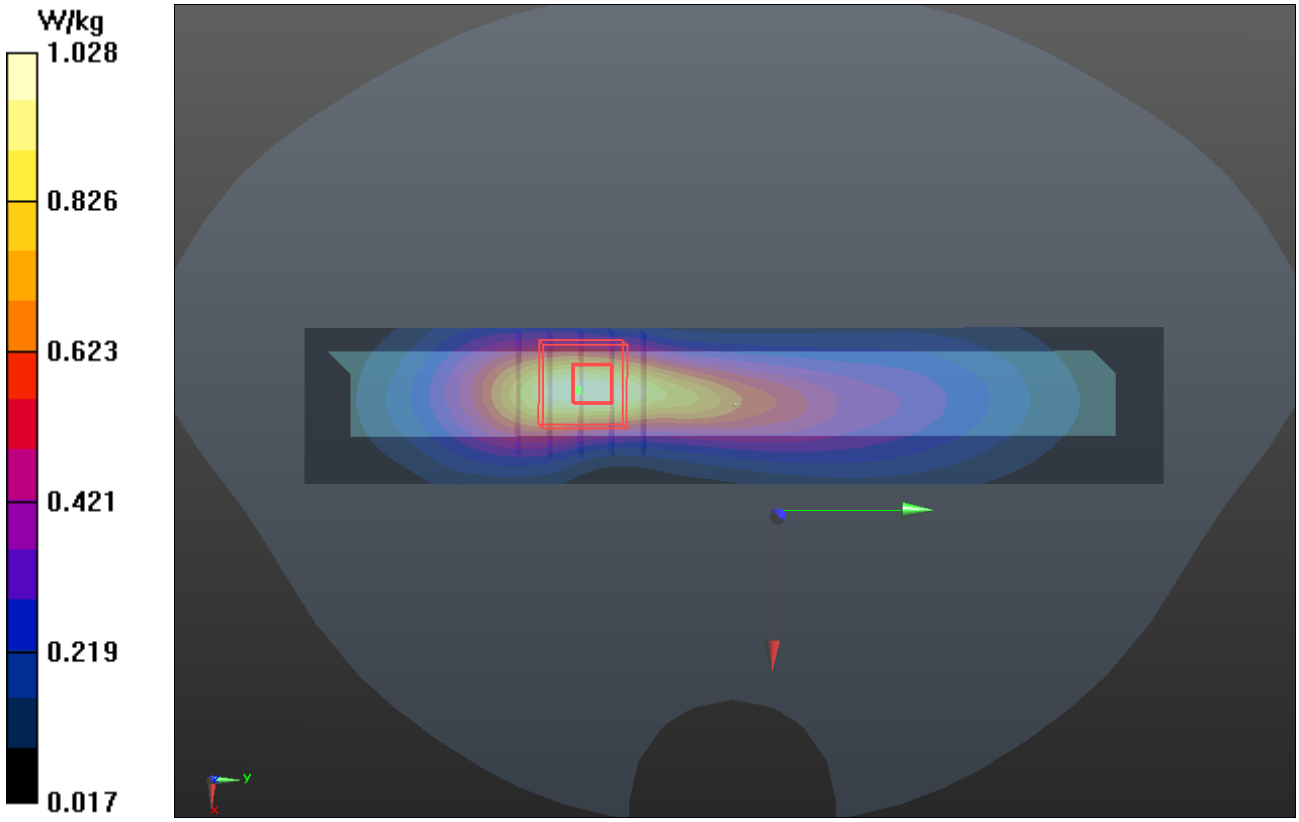
DUT: 140620C11

Communication System: GPRS12; Frequency: 824.2 MHz;Duty Cycle: 1:2
Medium: B08T09N1_0719 Medium parameters used: f = 824.2 MHz; σ = 0.973 S/m; ε_r = 54.913; ρ = 1000 kg/m^3
Ambient Temperature：22.6 ℃; Liquid Temperature：21.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3650; ConvF(9.18, 9.18, 9.18); Calibrated: 2014/4/24;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn360; Calibrated: 2014/02/17
- Phantom: SAM Phantom_Back; Type: QD000P40CD; Serial: TP 1654
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

- Area Scan (31x151x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.03 W/kg

- Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 26.47 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 2.19 W/kg
SAR(1 g) = 1 W/kg; SAR(10 g) = 0.488 W/kg
Maximum value of SAR (measured) = 1.39 W/kg



Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab Date: 2014/08/05

P02 GSM1900_GPRS12_Top Side_0mm_Ch512_w/ Pw Reduction

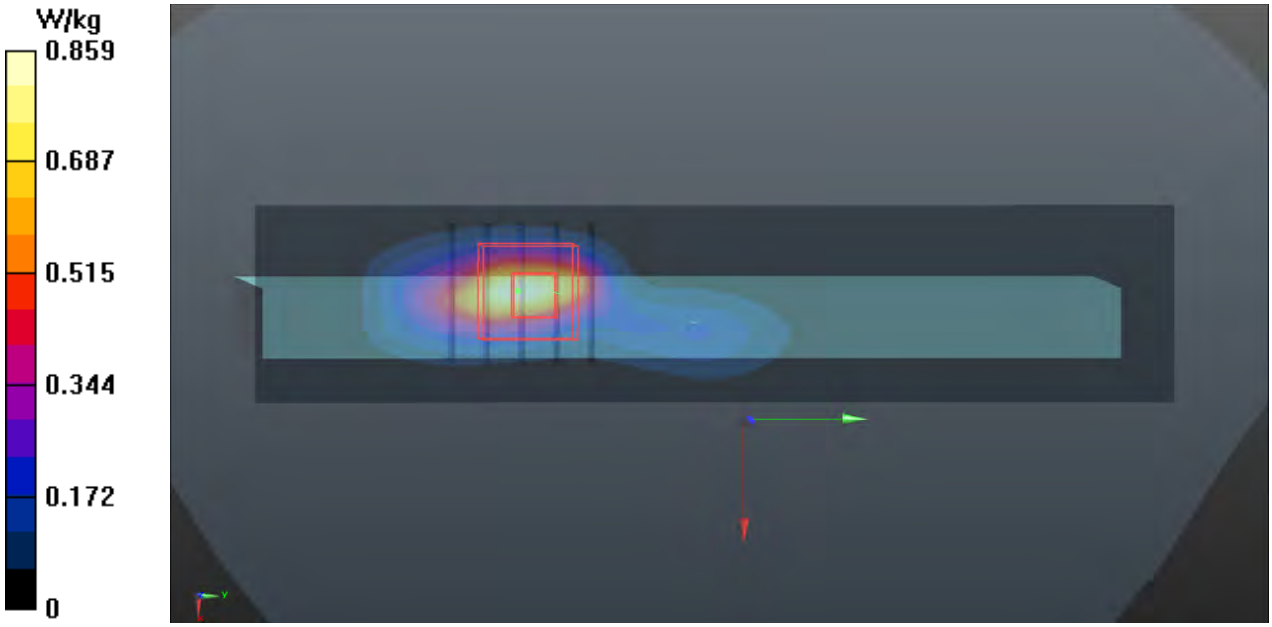
DUT: 140620C11

Communication System: GPRS12; Frequency: 1850.2 MHz;Duty Cycle: 1:2
Medium: B18T19N1_0805 Medium parameters used: f = 1850.2 MHz; σ = 1.496 S/m; ε_r = 52.862; ρ = 1000 kg/m^3
Ambient Temperature：22.3 ℃; Liquid Temperature：21.3 ℃

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_Front; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

- Area Scan (31x141x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.859 W/kg

- Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.08 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 1.46 W/kg
SAR(1 g) = 0.669 W/kg; SAR(10 g) = 0.284 W/kg
Maximum value of SAR (measured) = 1.10 W/kg



Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab Date: 2014/08/05

P03 WCDMA II_RMC12.2K_Top Side_9mm_Ch9262_w/o Pw Reduction

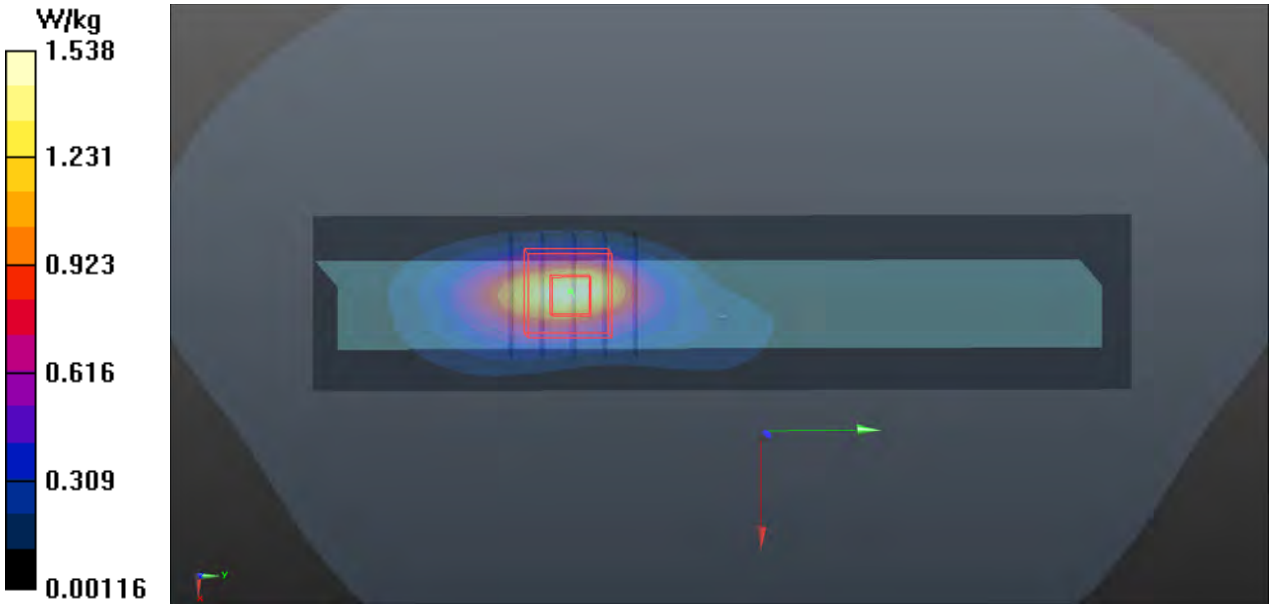
DUT: 140620C11

Communication System: WCDMA; Frequency: 1852.4 MHz;Duty Cycle: 1:1
Medium: B18T19N1_0805 Medium parameters used: f = 1852.4 MHz; σ = 1.498 S/m; ε_r = 52.855; ρ = 1000 kg/m^3
Ambient Temperature：22.3 ℃; Liquid Temperature：21.3 ℃

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_Front; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

- Area Scan (31x141x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.54 W/kg

- Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.15 V/m; Power Drift = -0.08 dB
Peak SAR (extrapolated) = 1.82 W/kg
SAR(1 g) = 0.965 W/kg; SAR(10 g) = 0.497 W/kg
Maximum value of SAR (measured) = 1.36 W/kg



Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab Date: 2014/07/18

P04 WCDMA IV_RMC12.2K_Top Side_9mm_Ch1513_w/o Pw Reduction

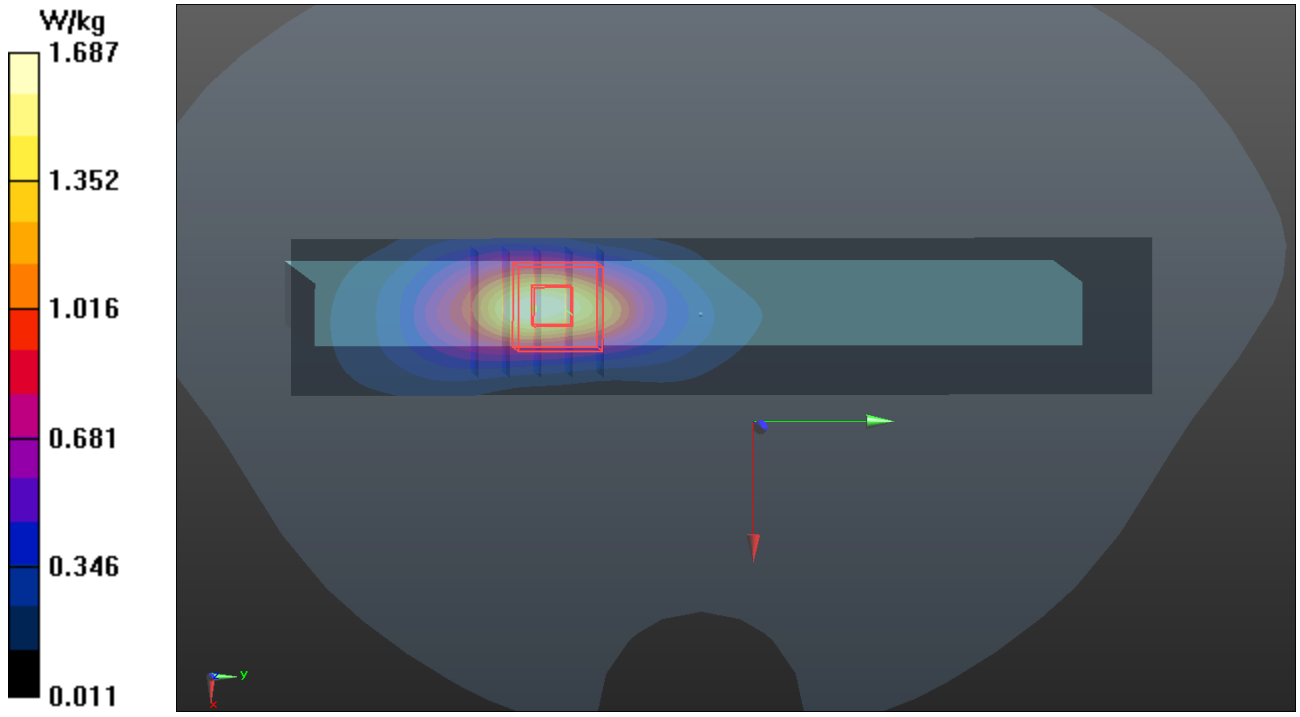
DUT: 140620C11

Communication System: WCDMA; Frequency: 1752.6 MHz;Duty Cycle: 1:1
Medium: B17T18N1_0718 Medium parameters used: f = 1753 MHz; σ = 1.474 S/m; ε_r = 53.777; ρ = 1000 kg/m^3
Ambient Temperature：21.6 ℃; Liquid Temperature：21.4 ℃

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: SAM Phantom_Left; Type: SAM V4.0; Serial: TP 1653
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

- Area Scan (31x151x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.69 W/kg

- Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 14.33 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 2.47 W/kg
SAR(1 g) = 1.41 W/kg; SAR(10 g) = 0.721 W/kg
Maximum value of SAR (measured) = 1.82 W/kg



P05 WCDMA V_RMC12.2K_Top Side_0mm_Ch4182

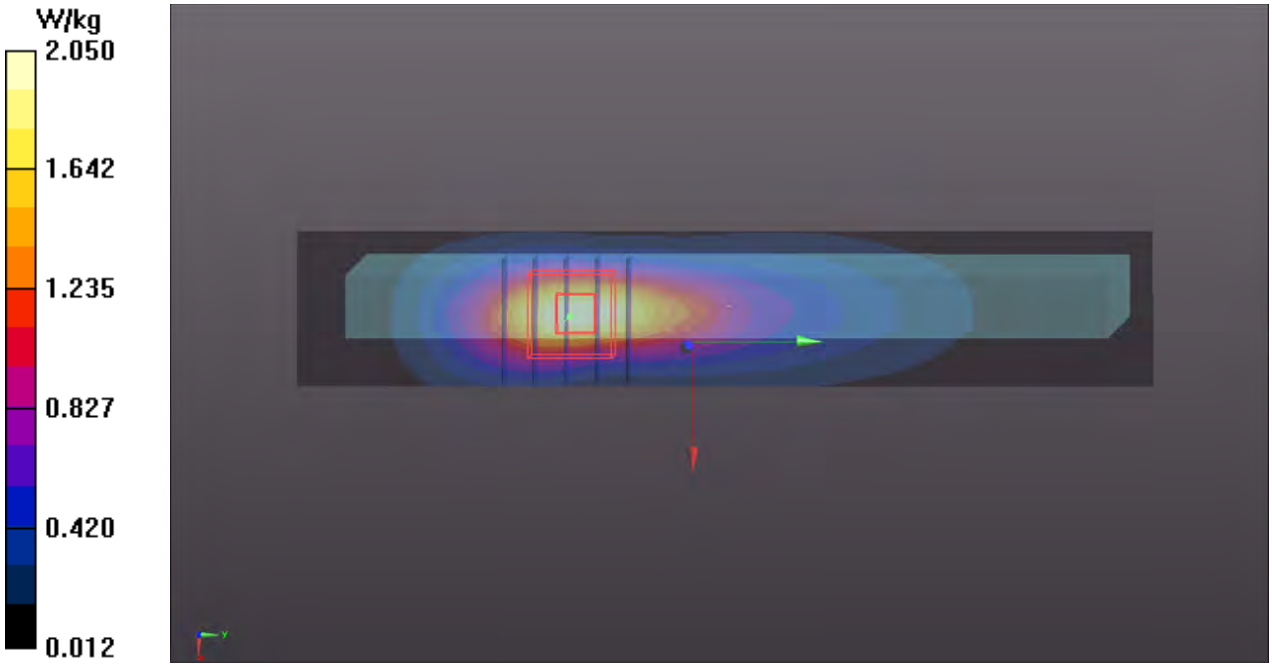
DUT: 140620C11

Communication System: WCDMA; Frequency: 836.4 MHz;Duty Cycle: 1:1
Medium: B08T09N2_0723 Medium parameters used: f = 836.4 MHz; σ = 0.975 S/m; ε_r = 55.302; ρ = 1000 kg/m^3
Ambient Temperature：22.7 ℃; Liquid Temperature：21.8 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3578; ConvF(8.48, 8.48, 8.48); Calibrated: 2014/06/24;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2014/04/23
- Phantom: ELI v5.0_Right; Type: QD OVA 002 AA; Serial: SN:1245
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

- Area Scan (31x151x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 2.05 W/kg

- Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 28.81 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 2.87 W/kg
SAR(1 g) = 1.48 W/kg; SAR(10 g) = 0.782 W/kg
Maximum value of SAR (measured) = 2.25 W/kg



Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab Date: 2014/08/05

P06 LTE 2_QPSK20M_Top Side_0mm_Ch19100_1RB_OS99_w/ Pw Reduction

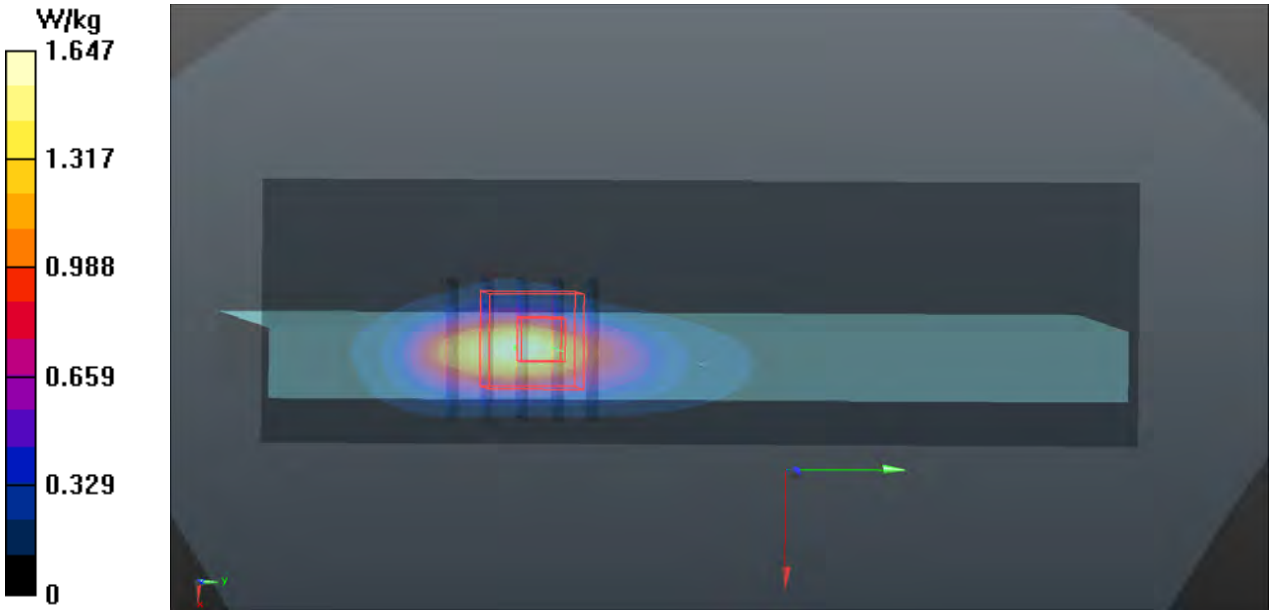
DUT: 140620C11

Communication System: LTE; Frequency: 1900 MHz;Duty Cycle: 1:1
Medium: B18T19N1_0805 Medium parameters used: f = 1900 MHz; σ = 1.551 S/m; ε_r = 52.684; ρ = 1000 kg/m^3
Ambient Temperature：22.3 ℃; Liquid Temperature：21.3 ℃

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_Front; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

- Area Scan (31x101x1): Interpolated grid: dx=2.000 mm, dy=2.000 mm
Maximum value of SAR (interpolated) = 1.65 W/kg

- Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.89 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 2.73 W/kg
SAR(1 g) = 1.22 W/kg; SAR(10 g) = 0.521 W/kg
Maximum value of SAR (measured) = 1.92 W/kg



P07 LTE 4_QPSK20M_Top Side_9mm_Ch20300_1RB_OS0_w/o Pw Reduction

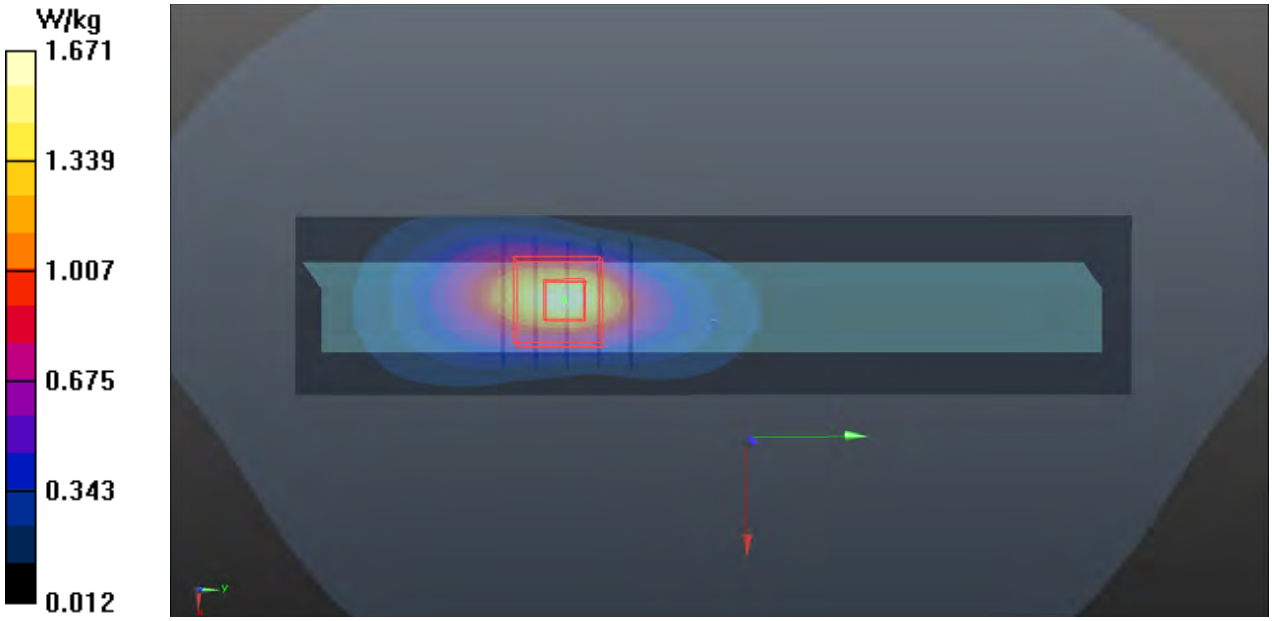
DUT: 140620C11

Communication System: LTE; Frequency: 1745 MHz;Duty Cycle: 1:1
Medium: B17T18N1_0805 Medium parameters used: f = 1745 MHz; σ = 1.491 S/m; ε_r = 52.265; ρ = 1000 kg/m^3
Ambient Temperature：22.6 ℃; Liquid Temperature：21.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3578; ConvF(7.32, 7.32, 7.32); 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 1202
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

- Area Scan (31x141x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.67 W/kg

- Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 13.34 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 2.01 W/kg
SAR(1 g) = 1.18 W/kg; SAR(10 g) = 0.626 W/kg
Maximum value of SAR (measured) = 1.64 W/kg



P08 LTE 5_QPSK10M_Top Side_0mm_Ch20600_1RB_OS0

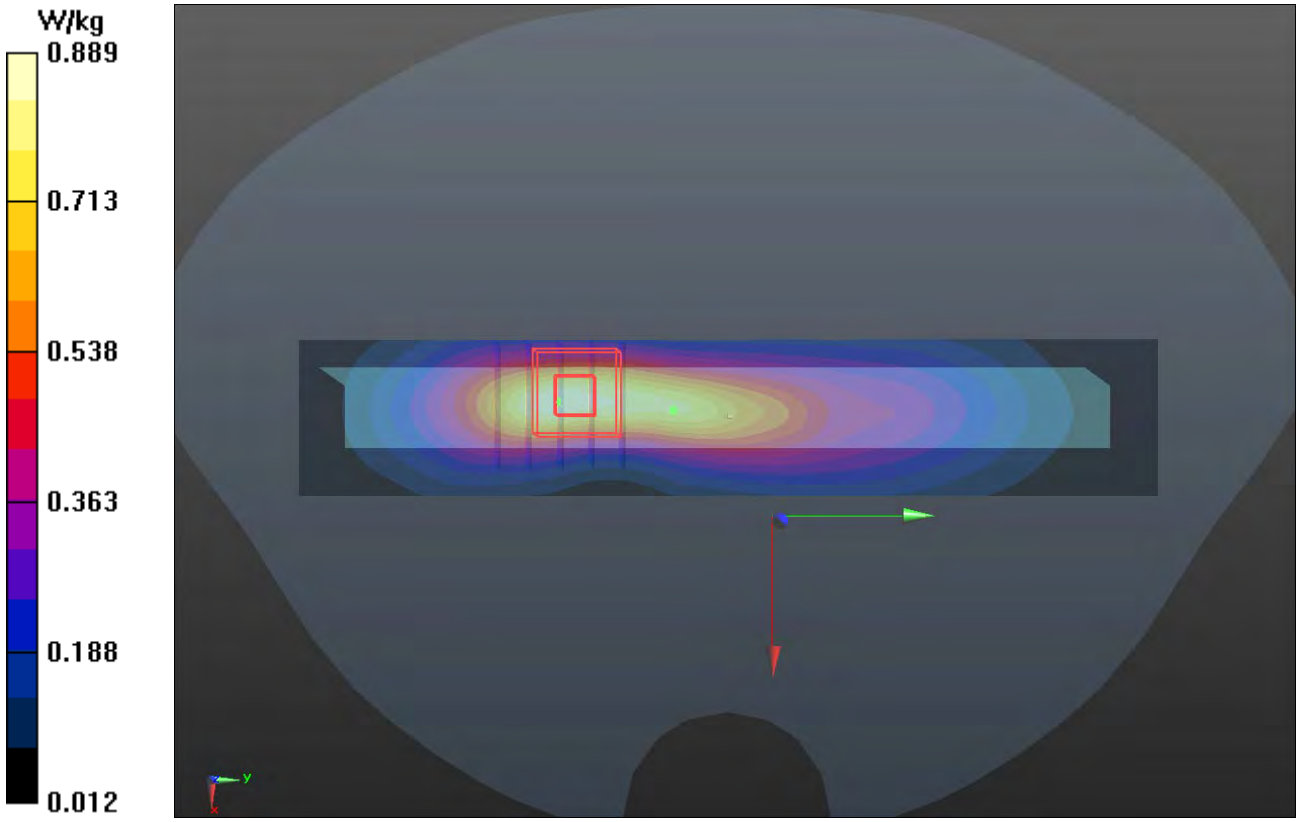
DUT: 140620C11

Communication System: LTE; Frequency: 844 MHz;Duty Cycle: 1:1
Medium: B08T09N1_0719 Medium parameters used: f = 844 MHz; σ = 1 S/m; ε_r = 54.728; ρ = 1000 kg/m^3
Ambient Temperature：22.6 ℃; Liquid Temperature：21.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3650; ConvF(9.18, 9.18, 9.18); Calibrated: 2014/4/24;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn360; Calibrated: 2014/02/17
- Phantom: SAM Phantom_Back; Type: QD000P40CD; Serial: TP 1654
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

- Area Scan (31x151x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.889 W/kg

- Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 26.45 V/m; Power Drift = -0.11 dB
Peak SAR (extrapolated) = 2.08 W/kg
SAR(1 g) = 0.950 W/kg; SAR(10 g) = 0.460 W/kg
Maximum value of SAR (measured) = 1.28 W/kg



P09 LTE 7_QPSK20M_Top Side_0mm_Ch21350_1RB_OS50_w/ Pw Reduction

DUT: 140620C11

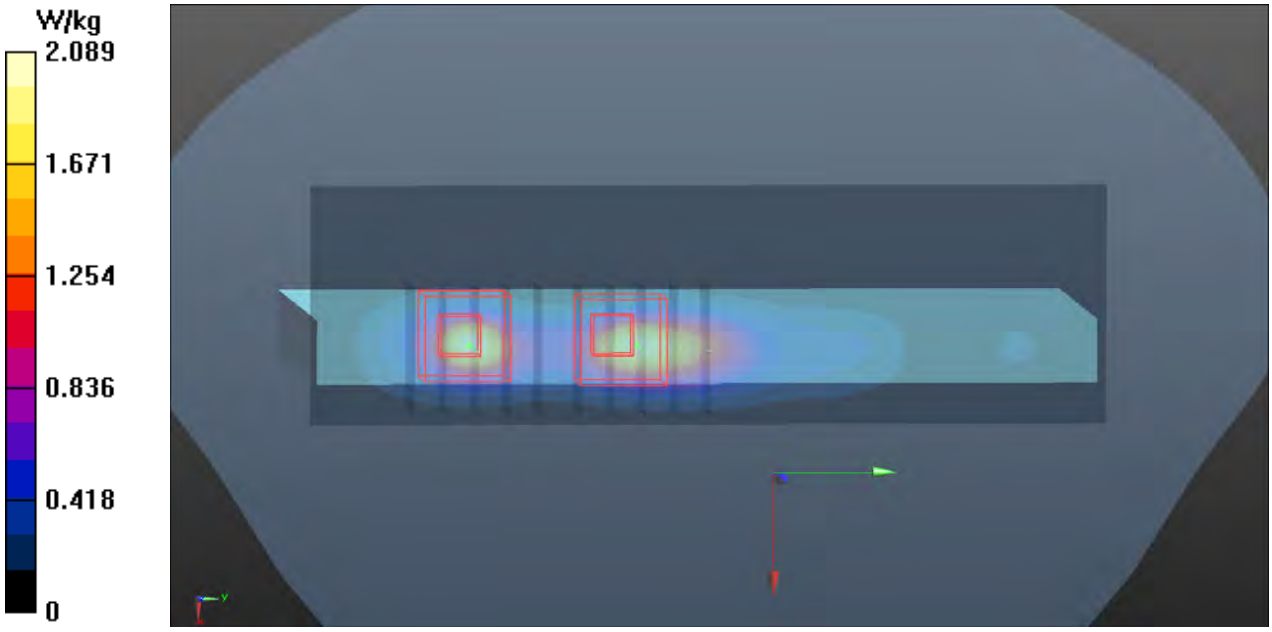
Communication System: LTE; Frequency: 2560 MHz;Duty Cycle: 1:1
Medium: B25T26N1_0805 Medium parameters used: f = 2560 MHz; σ = 2.122 S/m; ε_r = 52.199; ρ = 1000 kg/m^3
Ambient Temperature：21.6 ℃; Liquid Temperature：21.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3578; ConvF(6.22, 6.22, 6.22); Calibrated: 2014/06/24;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2014/04/23
- 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)

- Area Scan (51x171x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 2.09 W/kg

- Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 25.83 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 3.36 W/kg
SAR(1 g) = 1.41 W/kg; SAR(10 g) = 0.548 W/kg
Maximum value of SAR (measured) = 1.87 W/kg

- Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 25.83 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 3.25 W/kg
SAR(1 g) = 1.35 W/kg; SAR(10 g) = 0.490 W/kg
Maximum value of SAR (measured) = 2.10 W/kg



P10 LTE 17_QPSK10M_Top Side_0mm_Ch23800_1RB_OS24

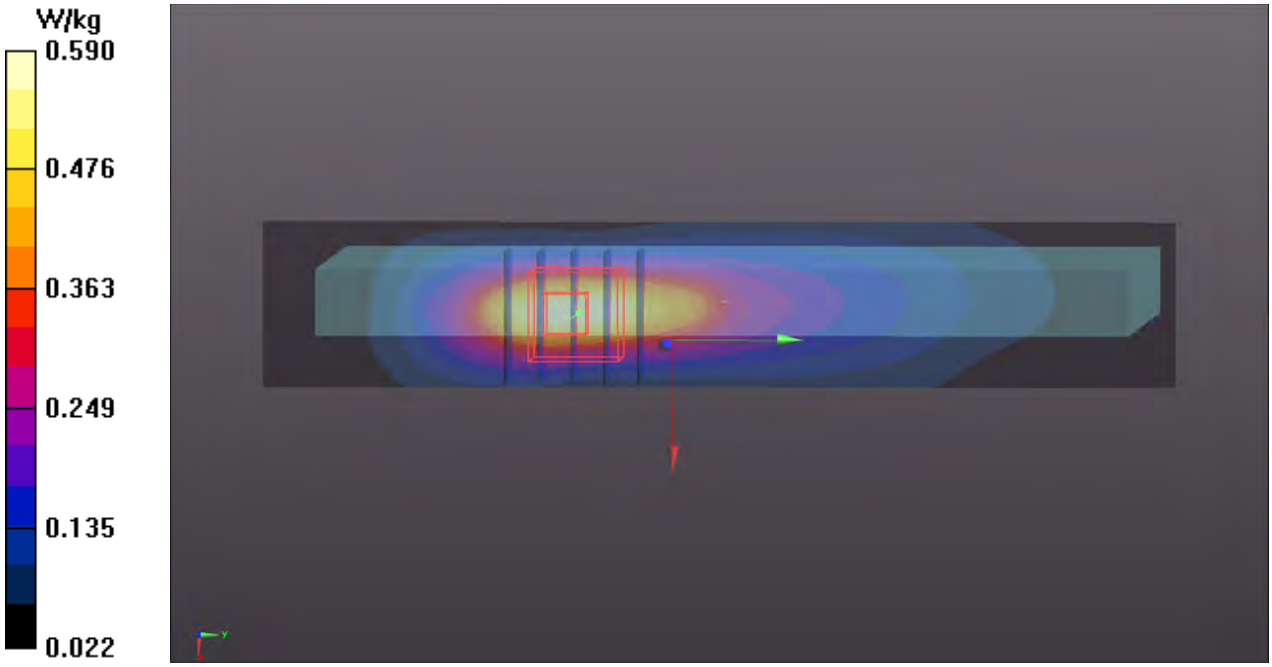
DUT: 140620C11

Communication System: LTE; Frequency: 711 MHz;Duty Cycle: 1:1
Medium: B07T08N2_0723 Medium parameters used: f = 711 MHz; σ = 0.933 S/m; ε_r = 55.577; ρ = 1000 kg/m^3
Ambient Temperature：22.6 ℃; Liquid Temperature：21.7 ℃

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: ELI v5.0_Right; Type: QD OVA 002 AA; Serial: SN:1245
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

- Area Scan (31x151x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.590 W/kg

- Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 17.38 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 1.15 W/kg
SAR(1 g) = 0.452 W/kg; SAR(10 g) = 0.240 W/kg
Maximum value of SAR (measured) = 0.659 W/kg



Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab Date: 2014/07/26

P11 802.11b_Right Side_0mm_Ch11

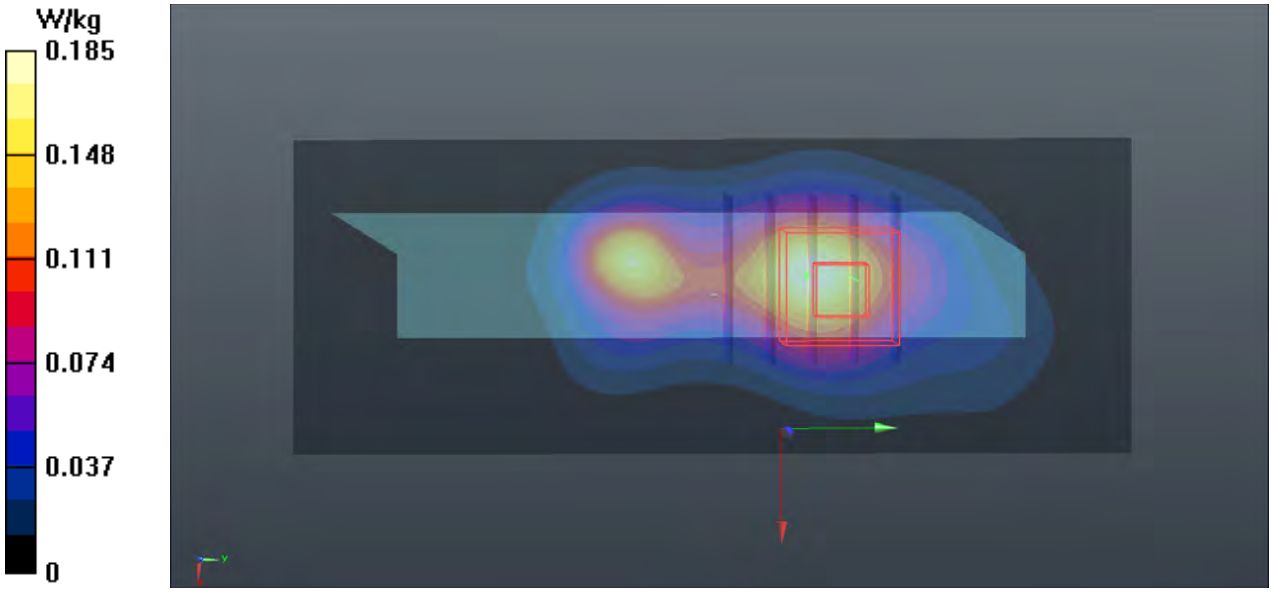
DUT: 140620C11

Communication System: WLAN_2.4G; Frequency: 2462 MHz;Duty Cycle: 1:1.01
Medium: B24T25N2_0726 Medium parameters used: f = 2462 MHz; σ = 2.009 S/m; ε_r = 51.181; ρ = 1000 kg/m^3
Ambient Temperature：21.8 ℃; Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3578; ConvF(6.42, 6.42, 6.42); 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 1202
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

- Area Scan (51x131x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.185 W/kg

- Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.678 V/m; Power Drift = 0.00 dB
Peak SAR (extrapolated) = 0.456 W/kg
SAR(1 g) = 0.223 W/kg; SAR(10 g) = 0.098 W/kg
Maximum value of SAR (measured) = 0.317 W/kg



Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab Date: 2014/07/27

P12 802.11a_Right Side_0mm_Ch36

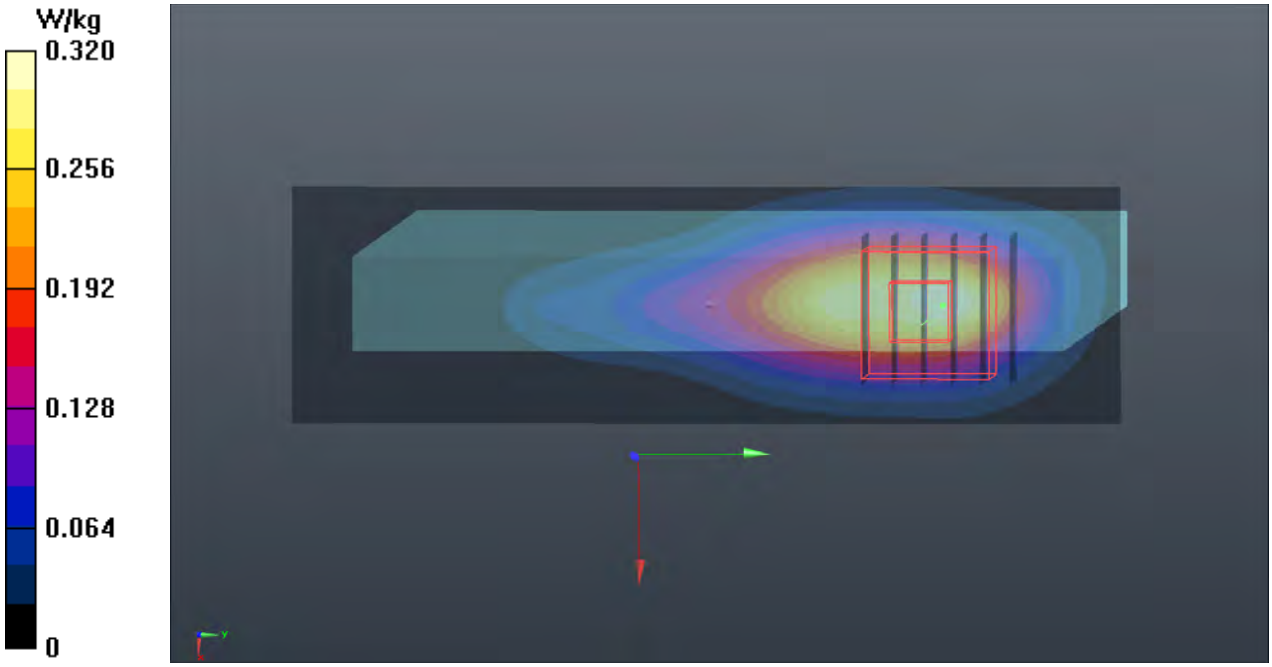
DUT: 140620C11

Communication System: WLAN_5G; Frequency: 5180 MHz;Duty Cycle: 1:1.39
Medium: B50T60N2_0727 Medium parameters used: f = 5180 MHz; σ = 5.218 S/m; ε_r = 48.769; ρ = 1000 kg/m^3
Ambient Temperature：22.4 ℃; Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3578; ConvF(3.95, 3.95, 3.95); 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 1202
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

- Area Scan (41x141x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.320 W/kg

- Zoom Scan (6x6x12)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=2mm
Reference Value = 5.020 V/m; Power Drift = -0.11 dB
Peak SAR (extrapolated) = 0.926 W/kg
SAR(1 g) = 0.221 W/kg; SAR(10 g) = 0.063 W/kg
Maximum value of SAR (measured) = 0.452 W/kg



Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab Date: 2014/07/27

P13 802.11a_Right Side_0mm_Ch52

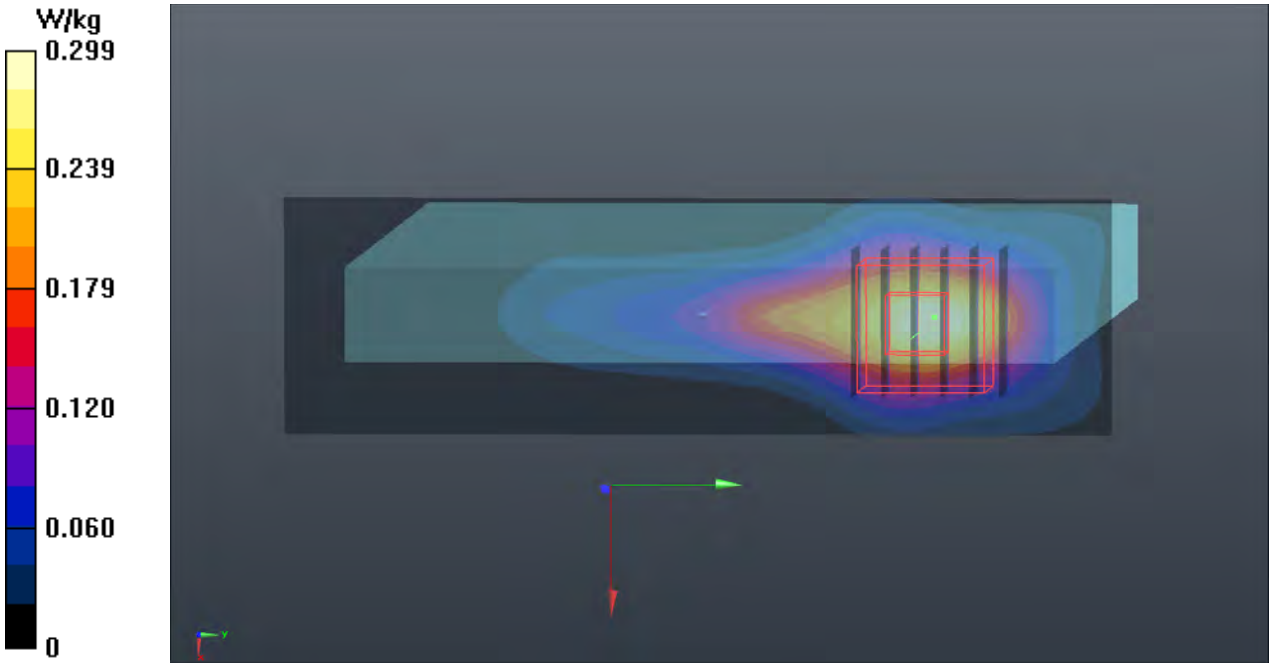
DUT: 140620C11

Communication System: WLAN_5G; Frequency: 5260 MHz;Duty Cycle: 1:1.5
Medium: B50T60N2_0727 Medium parameters used: f = 5260 MHz; σ = 5.334 S/m; ε_r = 48.494; ρ = 1000 kg/m^3
Ambient Temperature：22.4 ℃; Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3578; ConvF(3.63, 3.63, 3.63); 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 1202
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

- Area Scan (41x141x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.299 W/kg

- Zoom Scan (6x6x12)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=2mm
Reference Value = 4.731 V/m; Power Drift = -0.17 dB
Peak SAR (extrapolated) = 0.871 W/kg
SAR(1 g) = 0.214 W/kg; SAR(10 g) = 0.061 W/kg
Maximum value of SAR (measured) = 0.437 W/kg



Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab Date: 2014/07/27

P14 802.11a_Right Side_0mm_Ch104

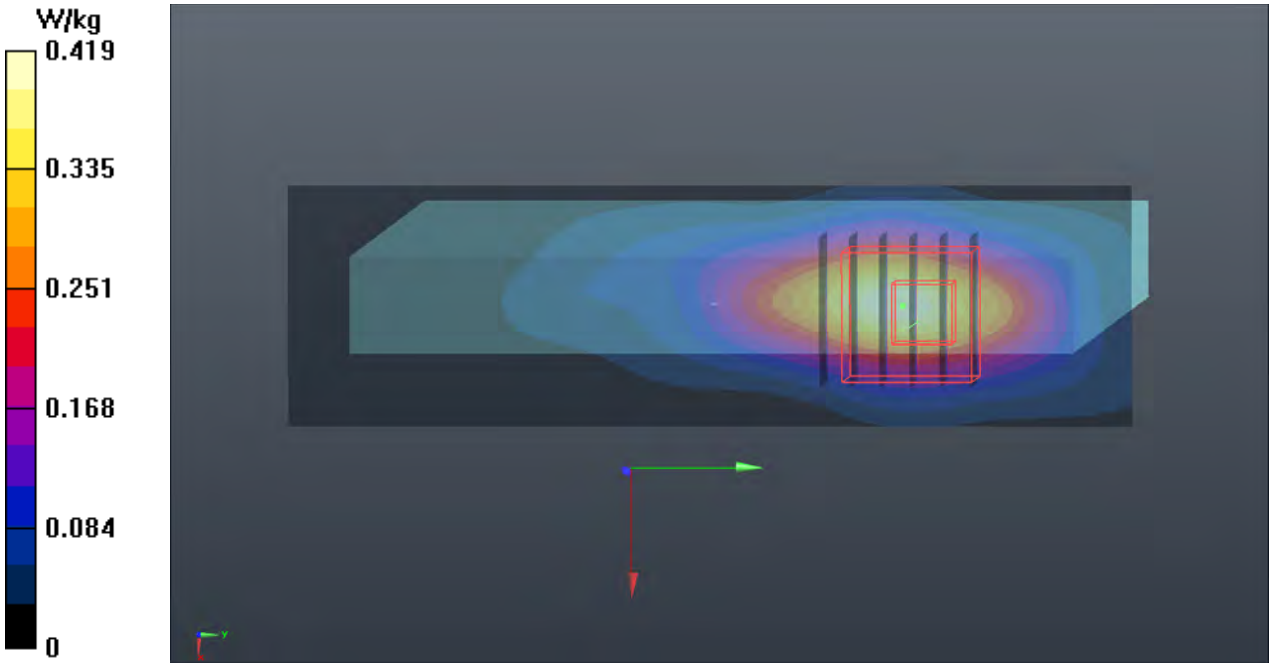
DUT: 140620C11

Communication System: WLAN_5G; Frequency: 5520 MHz;Duty Cycle: 1:1.51
Medium: B50T60N2_0727 Medium parameters used: f = 5520 MHz; σ = 5.695 S/m; ε_r = 48.176; ρ = 1000 kg/m^3
Ambient Temperature：22.4 ℃; Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3578; ConvF(3.42, 3.42, 3.42); 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 1202
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

- Area Scan (41x141x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.419 W/kg

- Zoom Scan (6x6x12)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=2mm
Reference Value = 5.485 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 1.36 W/kg
SAR(1 g) = 0.305 W/kg; SAR(10 g) = 0.078 W/kg
Maximum value of SAR (measured) = 0.651 W/kg



Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab Date: 2014/07/27

P15 802.11a_Right Side_0mm_Ch153

DUT: 140620C11

Communication System: WLAN_5G; Frequency: 5765 MHz;Duty Cycle: 1:1.5
Medium: B50T60N2_0727 Medium parameters used: f = 5765 MHz; σ = 6 S/m; ε_r = 47.895; ρ = 1000 kg/m^3
Ambient Temperature：22.4 ℃; Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3578; ConvF(3.39, 3.39, 3.39); 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 1202
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

- Area Scan (41x141x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.624 W/kg

- Zoom Scan (6x6x12)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=2mm
Reference Value = 5.181 V/m; Power Drift = 0.10 dB
Peak SAR (extrapolated) = 1.81 W/kg
SAR(1 g) = 0.380 W/kg; SAR(10 g) = 0.089 W/kg
Maximum value of SAR (measured) = 0.800 W/kg