Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab Date: 1/18/2020

P30 GSM850_GPRS12_Rear Face_1cm_Ch189_Ant 0

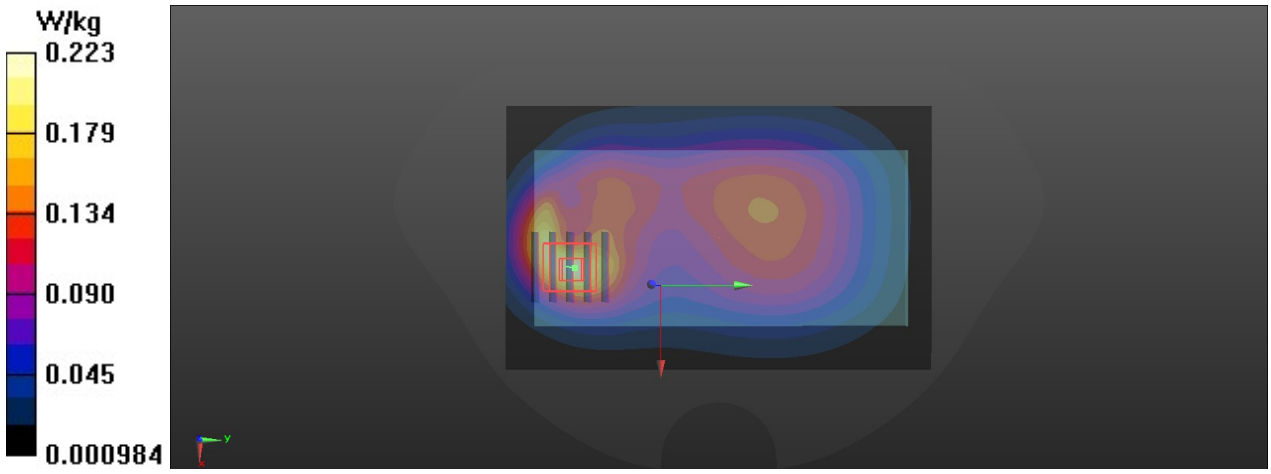
DUT: 200106W008

Communication System: GPRS12 ; Frequency: 836.4 MHz;Duty Cycle: 1:2
Medium: HSL835_0118 Medium parameters used : f = 836.4 MHz; σ = 0.89 S/m; ε_r = 40.74; ρ = 1000 kg/m^3
Ambient Temperature：23.1℃; Liquid Temperature：22.3℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7555; ConvF(9.74, 9.74, 9.74) @ 836.4 MHz; Calibrated: 9/16/2019
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1590; Calibrated: 9/11/2019
- Phantom: Twin-SAM (Left); Type: QD 000 P41 AA; Serial: 1988
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

- Area Scan (81x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.223 W/kg

- Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.35 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 0.259 W/kg
SAR(1 g) = 0.146 W/kg; SAR(10 g) = 0.086 W/kg
Maximum value of SAR (measured) = 0.217 W/kg



P31 GSM1900_GPRS11_Bottom Side_1cm_Ch661_Ant 0

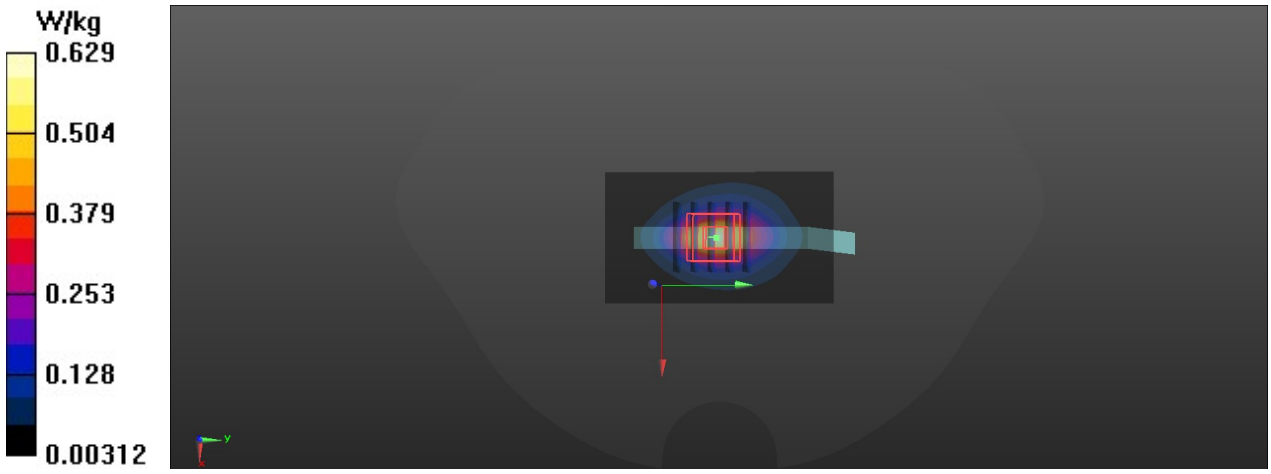
DUT: 200106W008

Communication System: GPRS11 ; Frequency: 1880 MHz;Duty Cycle: 1:2.67
Medium: HSL1900_0120 Medium parameters used: f = 1880 MHz; σ = 1.436 S/m; ε_r = 40.32; ρ = 1000 kg/m^3
Ambient Temperature：22.8℃; Liquid Temperature：21.9℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7555; ConvF(8.22, 8.22, 8.22) @ 1880 MHz; Calibrated: 9/16/2019
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1590; Calibrated: 9/11/2019
- Phantom: Twin-SAM (Left); Type: QD 000 P41 AA; Serial: 1988
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

- Area Scan (41x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.629 W/kg

- Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 17.31 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 0.710 W/kg
SAR(1 g) = 0.390 W/kg; SAR(10 g) = 0.203 W/kg
Maximum value of SAR (measured) = 0.598 W/kg



P32 WCDMA II_RMC12.2K_Bottom Side_1cm_Ch9262_Ant 0

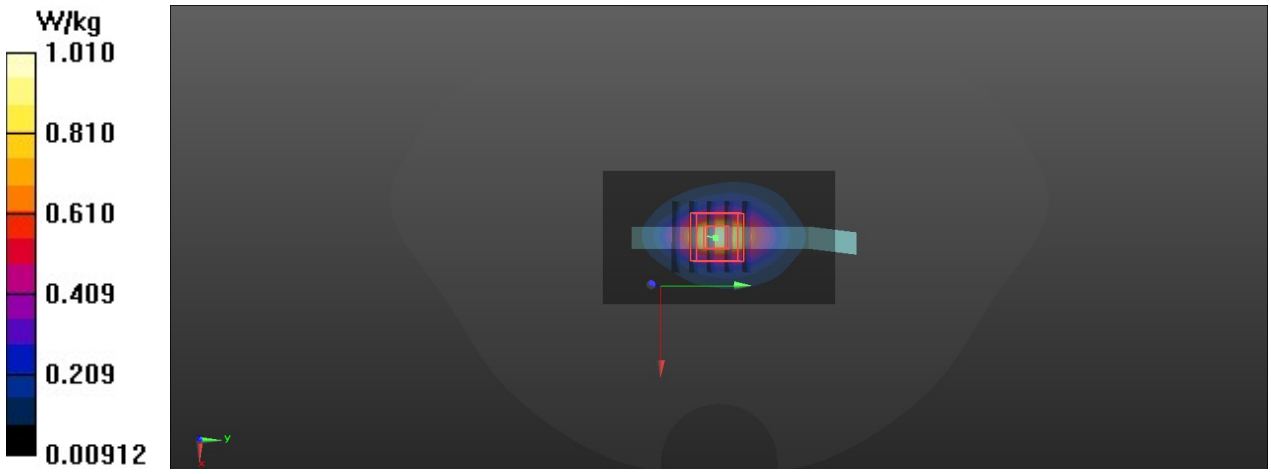
DUT: 200106W008

Communication System: WCDMA ; Frequency: 1852.4 MHz;Duty Cycle: 1:1
Medium: HSL1900_0120 Medium parameters used : f = 1852.4 MHz; σ = 1.407 S/m; ε_r = 40.465; ρ = 1000 kg/m^3
Ambient Temperature：22.8℃; Liquid Temperature：21.9℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7555; ConvF(8.22, 8.22, 8.22) @ 1852.4 MHz; Calibrated: 9/16/2019
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1590; Calibrated: 9/11/2019
- Phantom: Twin-SAM (Left); Type: QD 000 P41 AA; Serial: 1988
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

- Area Scan (41x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.01 W/kg

- Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 22.17 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 1.12 W/kg
SAR(1 g) = 0.620 W/kg; SAR(10 g) = 0.322 W/kg
Maximum value of SAR (measured) = 0.947 W/kg



Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab Date: 1/19/2020

P33 WCDMA IV_RMC12.2K_Bottom Side_1cm_Ch1312_Ant 0

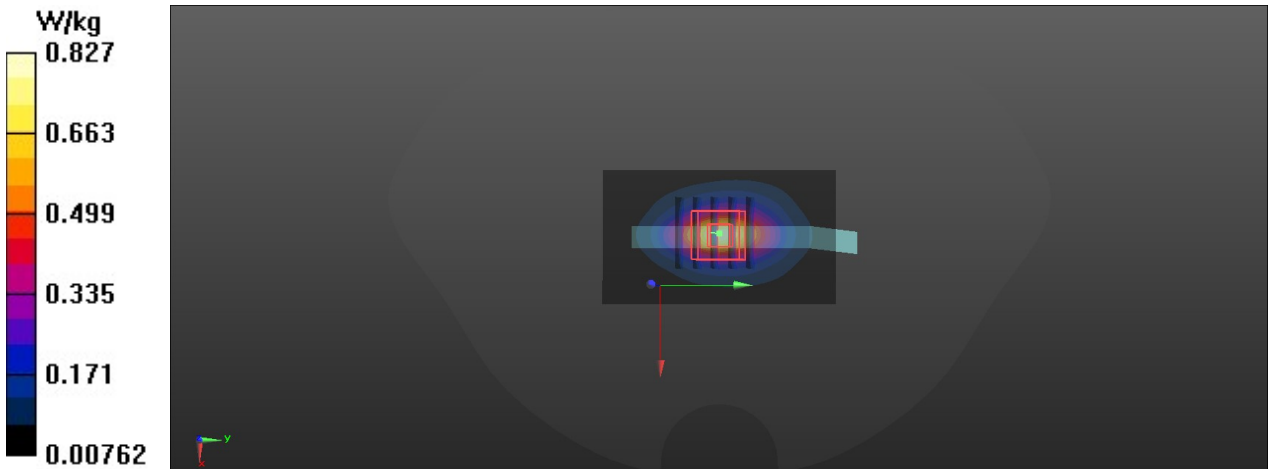
DUT: 200106W008

Communication System: WCDMA ; Frequency: 1712.4 MHz;Duty Cycle: 1:1
Medium: HSL1750_0119 Medium parameters used : f = 1712.4 MHz; σ = 1.35 S/m; ε_r = 38.611; ρ = 1000 kg/m^3
Ambient Temperature：22.9℃; Liquid Temperature：21.8℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7555; ConvF(8.51, 8.51, 8.51) @ 1712.4 MHz; Calibrated: 9/16/2019
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1590; Calibrated: 9/11/2019
- Phantom: Twin-SAM (Left); Type: QD 000 P41 AA; Serial: 1988
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

- Area Scan (41x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.827 W/kg

- Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 20.66 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 0.928 W/kg
SAR(1 g) = 0.526 W/kg; SAR(10 g) = 0.279 W/kg
Maximum value of SAR (measured) = 0.783 W/kg



Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab Date: 1/18/2020

P34 WCDMA V_RMC12.2K_Rear Face_1cm_Ch4233_Ant 1

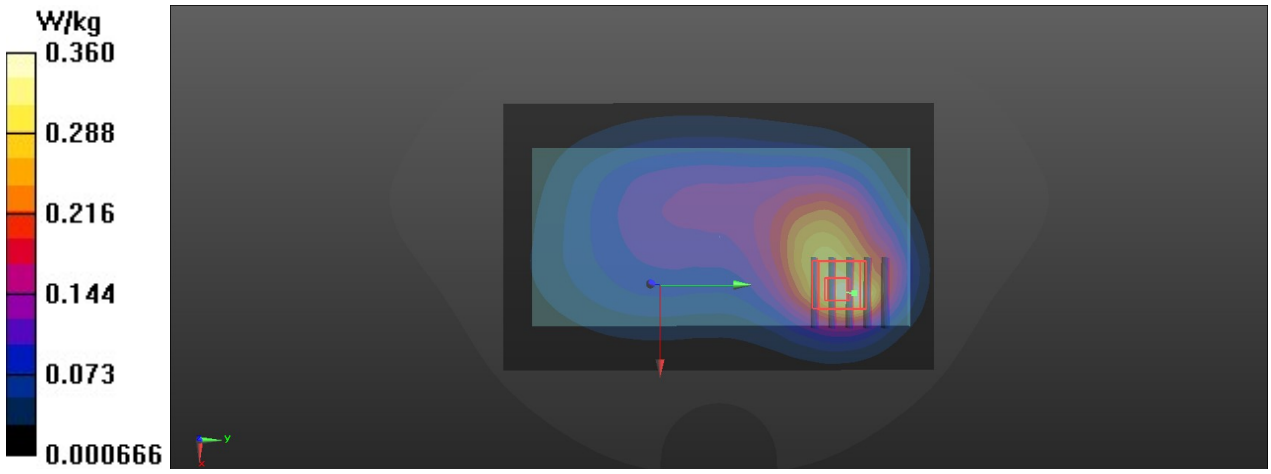
DUT: 200106W008

Communication System: WCDMA ; Frequency: 846.6 MHz;Duty Cycle: 1:1
Medium: HSL835_0118 Medium parameters used: f = 847 MHz; σ = 0.9 S/m; ε_r = 40.605; ρ = 1000 kg/m^3
Ambient Temperature：23.1℃; Liquid Temperature：22.3℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7555; ConvF(9.74, 9.74, 9.74) @ 846.6 MHz; Calibrated: 9/16/2019
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1590; Calibrated: 9/11/2019
- Phantom: Twin-SAM (Left); Type: QD 000 P41 AA; Serial: 1988
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

- Area Scan (81x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.360 W/kg

- Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.68 V/m; Power Drift = 0.00 dB
Peak SAR (extrapolated) = 0.423 W/kg
SAR(1 g) = 0.235 W/kg; SAR(10 g) = 0.141 W/kg
Maximum value of SAR (measured) = 0.348 W/kg



P35 LTE 2_QPSK20M_Bottom Side_1cm_Ch19100_50RB_OS0_Ant 0

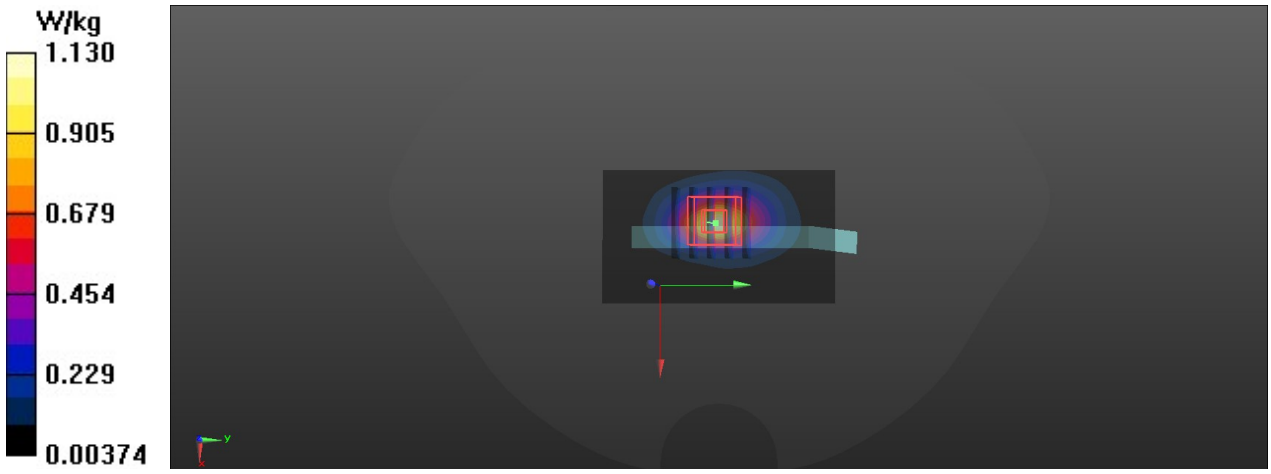
DUT: 200106W008

Communication System: LTE; Frequency: 1900 MHz;Duty Cycle: 1:1
Medium: HSL1900_0120 Medium parameters used: f = 1900 MHz; σ = 1.456 S/m; ε_r = 40.234; ρ = 1000 kg/m^3
Ambient Temperature：22.8℃; Liquid Temperature：21.9℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7555; ConvF(8.22, 8.22, 8.22) @ 1900 MHz; Calibrated: 9/16/2019
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1590; Calibrated: 9/11/2019
- Phantom: Twin-SAM (Left); Type: QD 000 P41 AA; Serial: 1988
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

- Area Scan (41x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.13 W/kg

- Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 19.84 V/m; Power Drift = 0.11 dB
Peak SAR (extrapolated) = 1.25 W/kg
SAR(1 g) = 0.683 W/kg; SAR(10 g) = 0.350 W/kg
Maximum value of SAR (measured) = 1.05 W/kg



Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab Date: 1/19/2020

P36 LTE 4_QPSK20M_Bottom Side_1cm_Ch20050_50RB_OS0_Ant 0

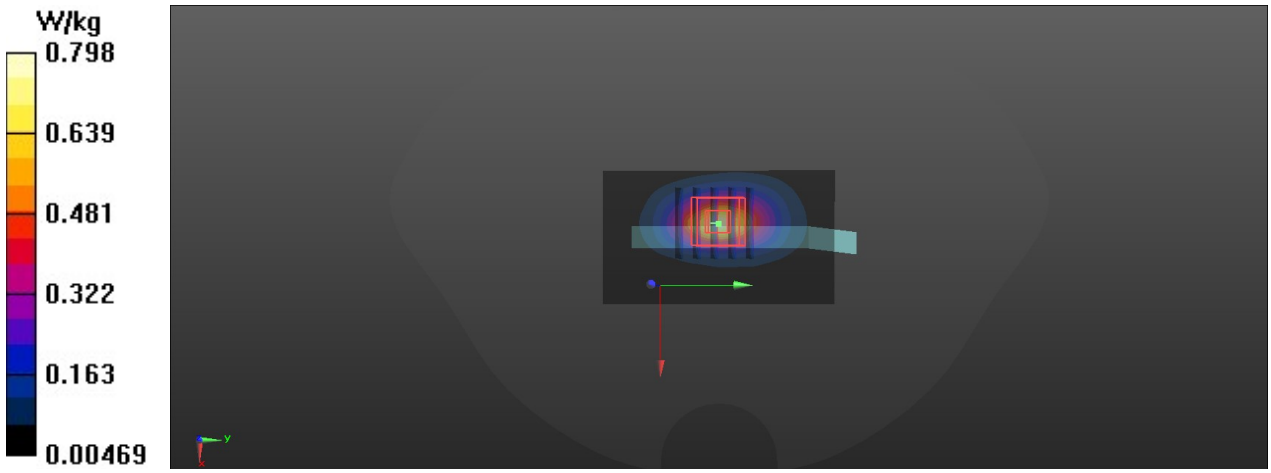
DUT: 200106W008

Communication System: LTE; Frequency: 1720 MHz;Duty Cycle: 1:1
Medium: HSL1750_0119 Medium parameters used: f = 1720 MHz; σ = 1.358 S/m; ε_r = 38.573; ρ = 1000 kg/m^3
Ambient Temperature：22.9℃; Liquid Temperature：21.8℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7555; ConvF(8.51, 8.51, 8.51) @ 1720 MHz; Calibrated: 9/16/2019
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1590; Calibrated: 9/11/2019
- Phantom: Twin-SAM (Left); Type: QD 000 P41 AA; Serial: 1988
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

- Area Scan (41x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.798 W/kg

- Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 17.35 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 0.869 W/kg
SAR(1 g) = 0.485 W/kg; SAR(10 g) = 0.255 W/kg
Maximum value of SAR (measured) = 0.735 W/kg



P37 LTE 5_QPSK10M_Rear Face_1cm_Ch20525_1RB_OS0_Ant 1

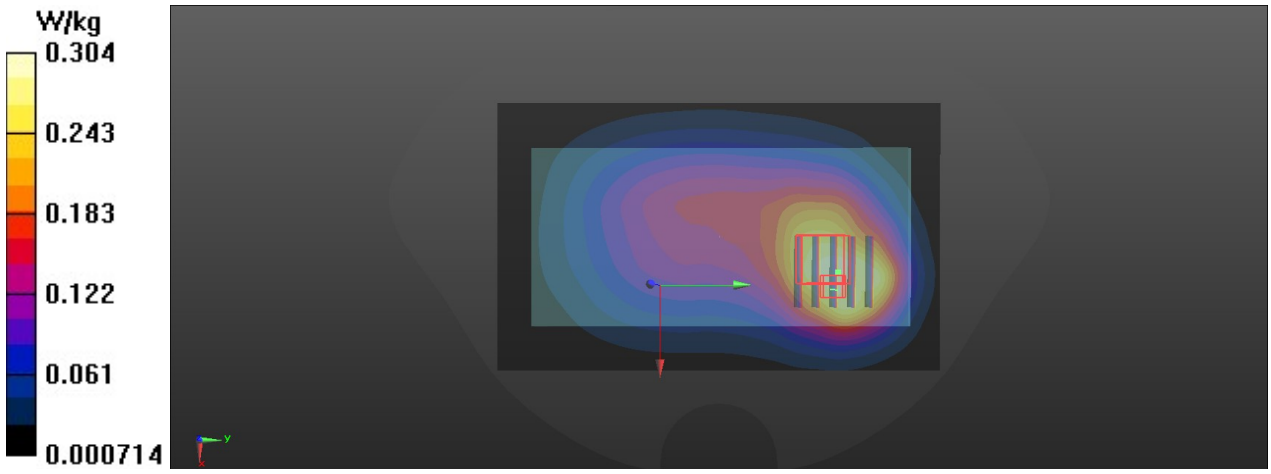
DUT: 200106W008

Communication System: LTE; Frequency: 836.5 MHz;Duty Cycle: 1:1
Medium: HSL835_0118 Medium parameters used : f = 836.5 MHz; σ = 0.89 S/m; ε_r = 40.739; ρ = 1000 kg/m^3
Ambient Temperature：23.1℃; Liquid Temperature：22.3℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7555; ConvF(9.74, 9.74, 9.74) @ 836.5 MHz; Calibrated: 9/16/2019
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1590; Calibrated: 9/11/2019
- Phantom: Twin-SAM (Left); Type: QD 000 P41 AA; Serial: 1988
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

- Area Scan (61x101x1): Interpolated grid: dx=2.000 mm, dy=2.000 mm
Maximum value of SAR (interpolated) = 0.304 W/kg

- Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.65 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 0.390 W/kg
SAR(1 g) = 0.223 W/kg; SAR(10 g) = 0.143 W/kg
Maximum value of SAR (measured) = 0.326 W/kg



Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab Date: 2/13/2020

P38 LTE 7_QPSK20M_Bottom Side_0cm_Ch21350_50RB_OS0_Ant 0

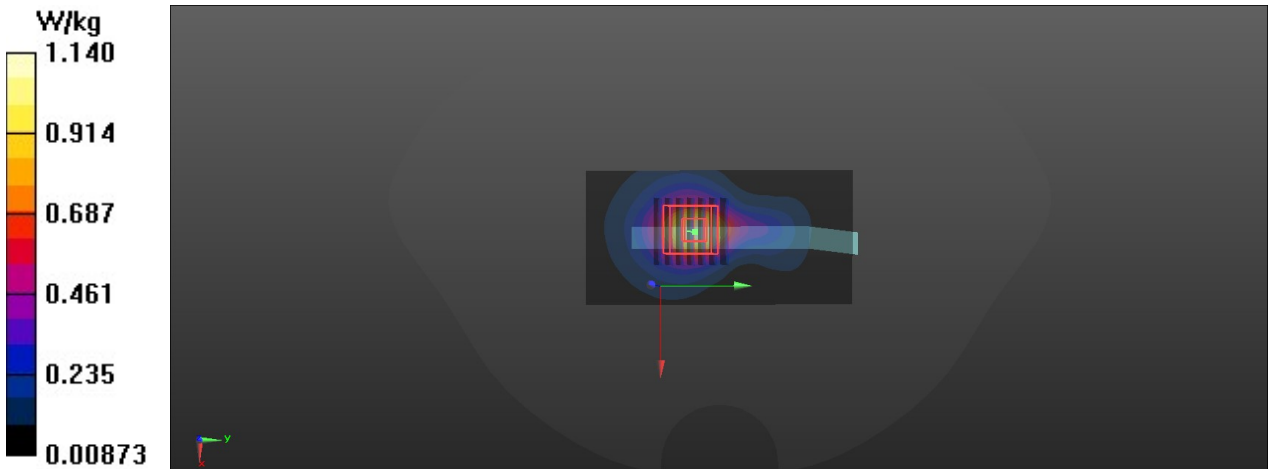
DUT: 200106W008

Communication System: LTE ; Frequency: 2560 MHz;Duty Cycle: 1:1
Medium: HSL2600_0213 Medium parameters used: f = 2560 MHz; σ = 1.995 S/m; ε_r = 39.075; ρ = 1000 kg/m^3
Ambient Temperature：23.2℃; Liquid Temperature：22.1℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7555; ConvF(7.45, 7.45, 7.45) @ 2560 MHz; Calibrated: 9/16/2019
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1590; Calibrated: 9/11/2019
- Phantom: Twin-SAM (Left); Type: QD 000 P41 AA; Serial: 1988
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

- Area Scan (51x101x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 1.14 W/kg

- Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 16.70 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 1.41 W/kg
SAR(1 g) = 0.720 W/kg; SAR(10 g) = 0.355 W/kg
Maximum value of SAR (measured) = 1.15 W/kg



Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab Date: 2/13/2020

P39 LTE 38_QPSK20M_Bottom Side_0cm_Ch38000_50RB_OS50_Ant 0

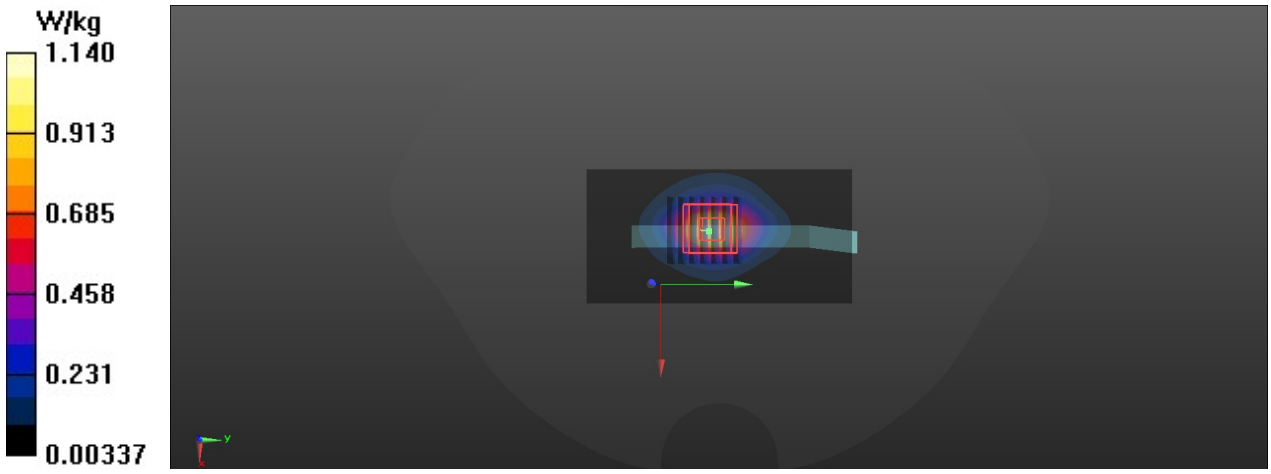
DUT: 200106W008

Communication System: LTE TDD ; Frequency: 2595 MHz;Duty Cycle: 1:1.58
Medium: HSL2600_0213 Medium parameters used: f = 2595 MHz; σ = 2.033 S/m; ε_r = 38.951; ρ = 1000 kg/m^3
Ambient Temperature：23.2℃; Liquid Temperature：22.1℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7555; ConvF(7.45, 7.45, 7.45) @ 2595 MHz; Calibrated: 9/16/2019
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1590; Calibrated: 9/11/2019
- Phantom: Twin-SAM (Left); Type: QD 000 P41 AA; Serial: 1988
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

- Area Scan (51x101x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 1.14 W/kg

- Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 18.93 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 1.35 W/kg
SAR(1 g) = 0.694 W/kg; SAR(10 g) = 0.339 W/kg
Maximum value of SAR (measured) = 1.11 W/kg



Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab Date: 2/14/2020

P40 802.11b_Rear Face_1cm_Ch6_Ant 0+1

DUT: 200106W008

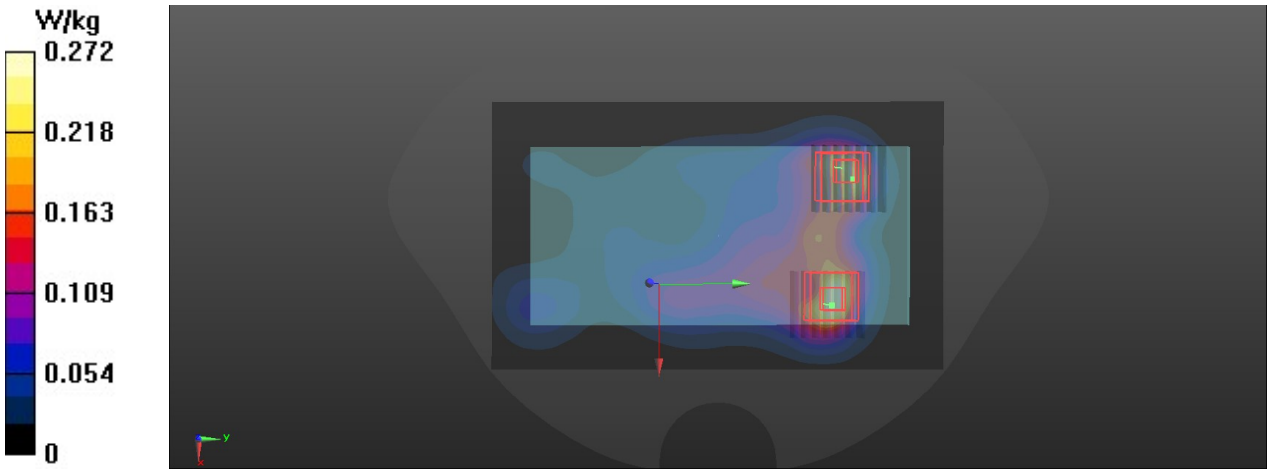
Communication System: 802.11b ; Frequency: 2437 MHz;Duty Cycle: 1:1
Medium: HSL2450_0214 Medium parameters used : f = 2437 MHz; σ = 1.829 S/m; ε_r = 39.463; ρ = 1000 kg/m^3
Ambient Temperature：22.7℃; Liquid Temperature：21.6℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7555; ConvF(7.71, 7.71, 7.71) @ 2437 MHz; Calibrated: 9/16/2019
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1590; Calibrated: 9/11/2019
- Phantom: Twin-SAM (Left); Type: QD 000 P41 AA; Serial: 1988
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

- Area Scan (101x171x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.272 W/kg

- Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 4.863 V/m; Power Drift = 0.14 dB
Peak SAR (extrapolated) = 0.341 W/kg
SAR(1 g) = 0.170 W/kg; SAR(10 g) = 0.084 W/kg
Maximum value of SAR (measured) = 0.275 W/kg

- Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 4.863 V/m; Power Drift = 0.14 dB
Peak SAR (extrapolated) = 0.314 W/kg
SAR(1 g) = 0.148 W/kg; SAR(10 g) = 0.071 W/kg
Maximum value of SAR (measured) = 0.242 W/kg



P41 802.11a_Rear Face_1cm_Ch48_Ant 0+1

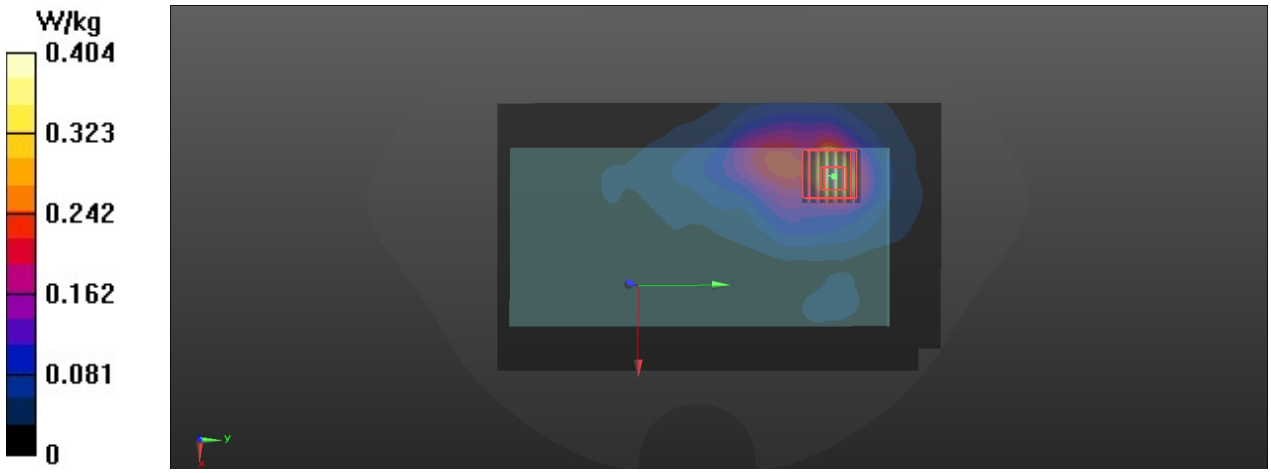
DUT: 200106W008

Communication System: 802.11a ; Frequency: 5240 MHz;Duty Cycle: 1:1
Medium: HSL5G_0217 Medium parameters used: f = 5240 MHz; σ = 4.712 S/m; ε_r = 37.299; ρ = 1000 kg/m^3
Ambient Temperature：23.0℃; Liquid Temperature：22.1℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7555; ConvF(5.3, 5.3, 5.3) @ 5240 MHz; Calibrated: 9/16/2019
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1590; Calibrated: 9/11/2019
- Phantom: Twin-SAM (Left); Type: QD 000 P41 AA; Serial: 1988
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

- Area Scan (121x201x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.404 W/kg

- Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 1.333 V/m; Power Drift = -0.08 dB
Peak SAR (extrapolated) = 0.680 W/kg
SAR(1 g) = 0.185 W/kg; SAR(10 g) = 0.070 W/kg
Maximum value of SAR (measured) = 0.419 W/kg



Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab Date: 2/20/2020

P42 802.11a_Rear Face_1cm_Ch157_Ant 0+1

DUT: 200106W008

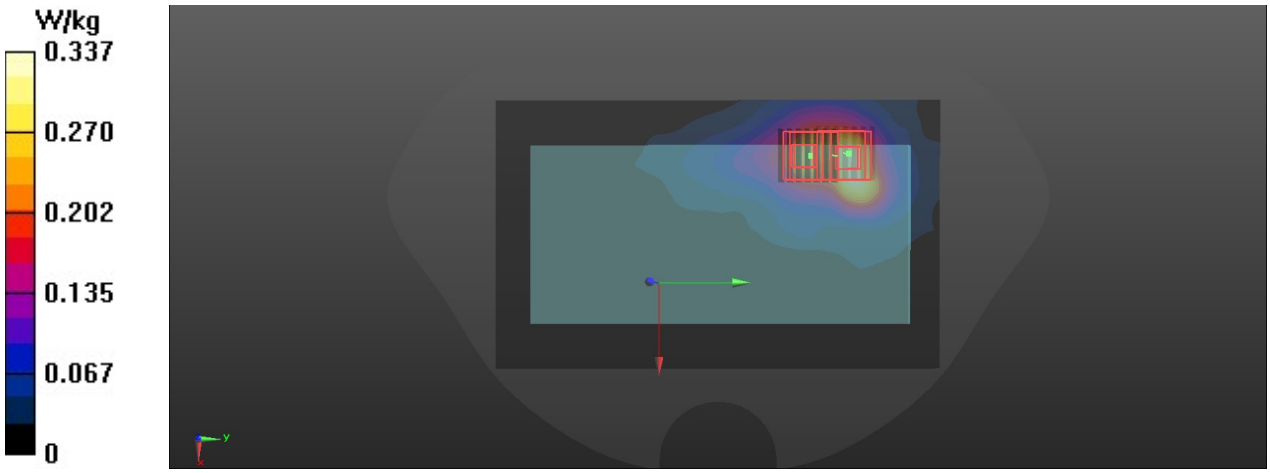
Communication System: 802.11a ; Frequency: 5785 MHz;Duty Cycle: 1:1
Medium: HSL5G_0220 Medium parameters used : f = 5785 MHz; σ = 5.251 S/m; ε_r = 36.569; ρ = 1000 kg/m^3
Ambient Temperature：23.1℃; Liquid Temperature：21.9℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7555; ConvF(4.96, 4.96, 4.96) @ 5785 MHz; Calibrated: 9/16/2019
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1590; Calibrated: 9/11/2019
- Phantom: Twin-SAM (Left); Type: QD 000 P41 AA; Serial: 1988
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

- Area Scan (121x201x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.337 W/kg

- Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 1.000 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 0.684 W/kg
SAR(1 g) = 0.147 W/kg; SAR(10 g) = 0.056 W/kg
Maximum value of SAR (measured) = 0.358 W/kg

- Zoom Scan (7x7x12)/Cube 1: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 1.000 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 0.584 W/kg
SAR(1 g) = 0.121 W/kg; SAR(10 g) = 0.050 W/kg
Maximum value of SAR (measured) = 0.305 W/kg



Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab Date: 1/20/2020

P43 GSM1900_GPRS12_Bottom Side_0cm_Ch810_Ant 0

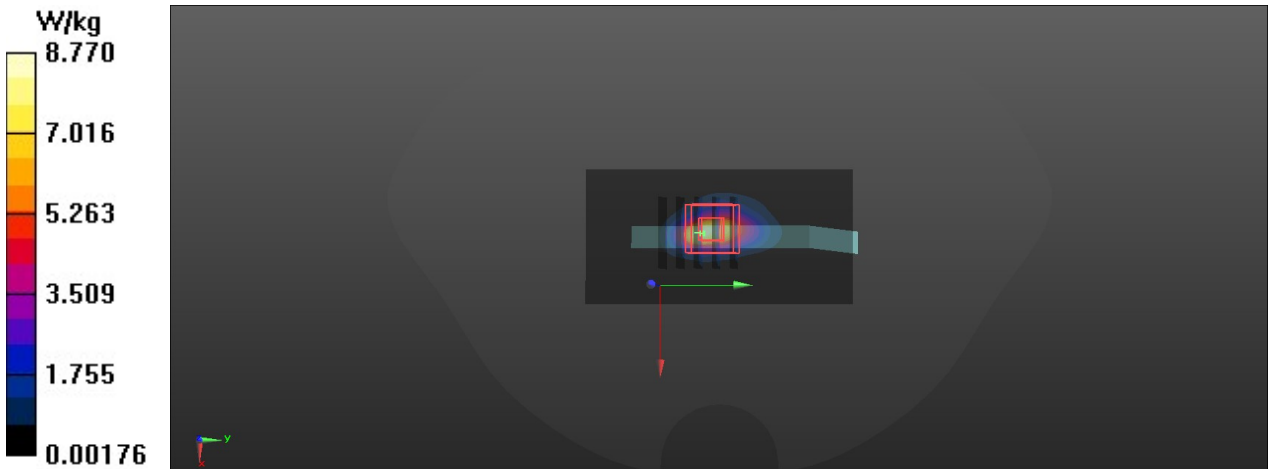
DUT: 200106W008

Communication System: GPRS12 ; Frequency: 1909.8 MHz;Duty Cycle: 1:2
Medium: HSL1900_0120 Medium parameters used: f = 1910 MHz; σ = 1.465 S/m; ε_r = 40.195; ρ = 1000 kg/m^3
Ambient Temperature：22.8℃; Liquid Temperature：21.9℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7555; ConvF(8.22, 8.22, 8.22) @ 1909.8 MHz; Calibrated: 9/16/2019
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1590; Calibrated: 9/11/2019
- Phantom: Twin-SAM (Left); Type: QD 000 P41 AA; Serial: 1988
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

- Area Scan (41x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 8.77 W/kg

- Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 56.11 V/m; Power Drift = 0.11 dB
Peak SAR (extrapolated) = 11.7 W/kg
SAR(1 g) = 4.84 W/kg; SAR(10 g) = 2.02 W/kg
Maximum value of SAR (measured) = 8.94 W/kg



P44 WCDMA II_RMC12.2K_Bottom Side_0cm_Ch9538_Ant 0

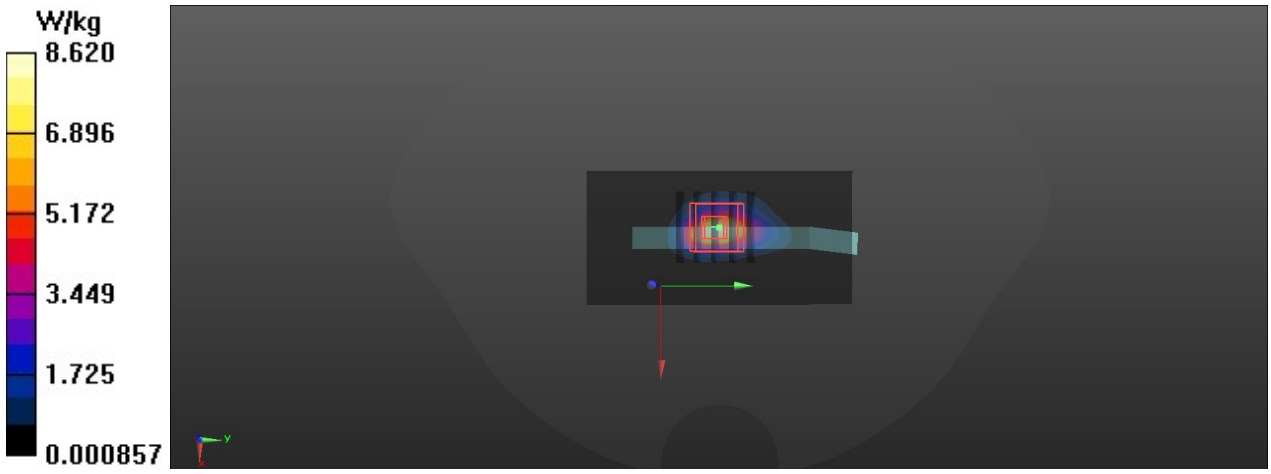
DUT: 200106W008

Communication System: WCDMA ; Frequency: 1907.6 MHz;Duty Cycle: 1:1
Medium: HSL1900_0120 Medium parameters used: f = 1908 MHz; σ = 1.463 S/m; ε_r = 40.204; ρ = 1000 kg/m^3
Ambient Temperature：22.8℃; Liquid Temperature：21.9℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7555; ConvF(8.22, 8.22, 8.22) @ 1907.6 MHz; Calibrated: 9/16/2019
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1590; Calibrated: 9/11/2019
- Phantom: Twin-SAM (Left); Type: QD 000 P41 AA; Serial: 1988
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

- Area Scan (41x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 8.62 W/kg

- Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 57.56 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 12.5 W/kg
SAR(1 g) = 5.3 W/kg; SAR(10 g) = 2.21 W/kg
Maximum value of SAR (measured) = 10.0 W/kg



Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab Date: 1/19/2020

P45 WCDMA IV_RMC12.2K_Bottom Side_0cm_Ch1513_Ant 0

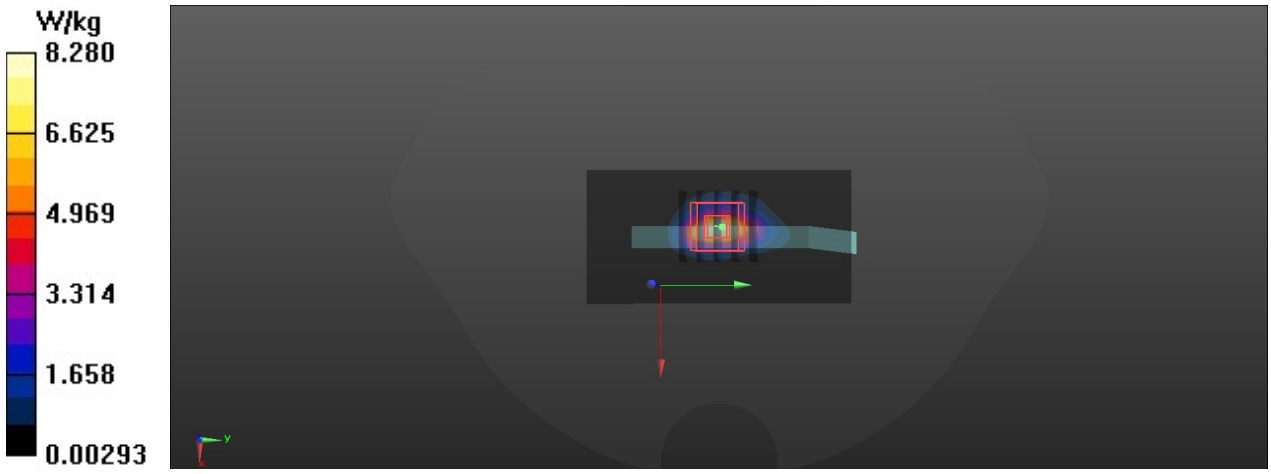
DUT: 200106W008

Communication System: WCDMA ; Frequency: 1752.6 MHz;Duty Cycle: 1:1
Medium: HSL1750_0119 Medium parameters used: f = 1753 MHz; σ = 1.385 S/m; ε_r = 38.42; ρ = 1000 kg/m^3
Ambient Temperature：22.9℃; Liquid Temperature：21.8℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7555; ConvF(8.51, 8.51, 8.51) @ 1752.6 MHz; Calibrated: 9/16/2019
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1590; Calibrated: 9/11/2019
- Phantom: Twin-SAM (Left); Type: QD 000 P41 AA; Serial: 1988
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

- Area Scan (41x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 8.28 W/kg

- Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 56.54 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 11.2 W/kg
SAR(1 g) = 4.86 W/kg; SAR(10 g) = 2.08 W/kg
Maximum value of SAR (measured) = 8.97 W/kg



P46 LTE 2_QPSK20M_Bottom Side_0cm_Ch19100_50RB_OS0_Ant 0

DUT: 200106W008

Communication System: LTE ; Frequency: 1900 MHz;Duty Cycle: 1:1
Medium: HSL1900_0120 Medium parameters used: f = 1900 MHz; σ = 1.456 S/m; ε_r = 40.234; ρ = 1000 kg/m^3
Ambient Temperature：22.8℃; Liquid Temperature：21.9℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7555; ConvF(8.22, 8.22, 8.22) @ 1900 MHz; Calibrated: 9/16/2019
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1590; Calibrated: 9/11/2019
- Phantom: Twin-SAM (Left); Type: QD 000 P41 AA; Serial: 1988
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

- Area Scan (41x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 7.83 W/kg

- Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 55.34 V/m; Power Drift = 0.12 dB
Peak SAR (extrapolated) = 11.4 W/kg
SAR(1 g) = 4.74 W/kg; SAR(10 g) = 1.96 W/kg
Maximum value of SAR (measured) = 9.02 W/kg