Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab Date: 2/17/2020

# System Check_HSL5250_200217

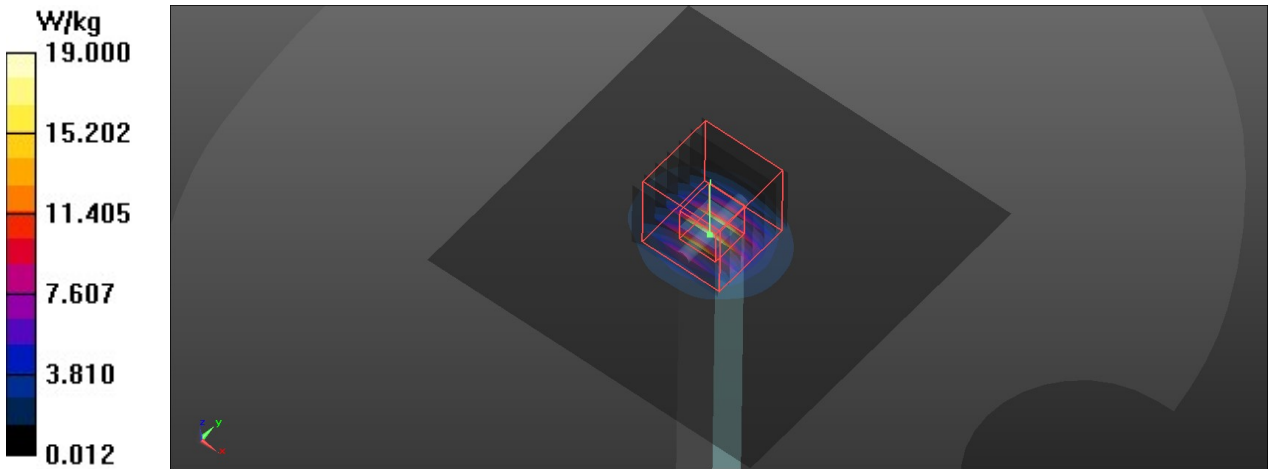
## DUT: Dipole 5GHzV2;Type:D5GHzV2

Communication System: CW ; Frequency: 5250 MHz;Duty Cycle: 1:1
Medium: HSL5G_0217 Medium parameters used : f = 5250 MHz; $\sigma$ = 4.723 S/m; $\varepsilon_r$ = 37.284; $\rho$ = 1000 kg/m$^3$
Ambient Temperature：23.0℃; Liquid Temperature：22.1℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7555; ConvF(5.3, 5.3, 5.3) @ 5250 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)

**Pin=100mW/Area Scan (91x91x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 19.0 W/kg

**Pin=100mW/Zoom Scan (7x7x11)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 62.09 V/m; Power Drift = -0.07 dB
Peak SAR (extrapolated) = 31.8 W/kg
**SAR(1 g) = 8.08 W/kg; SAR(10 g) = 2.33 W/kg**
Maximum value of SAR (measured) = 20.0 W/kg



Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab Date: 2/15/2020

# System Check_HSL5600_200215

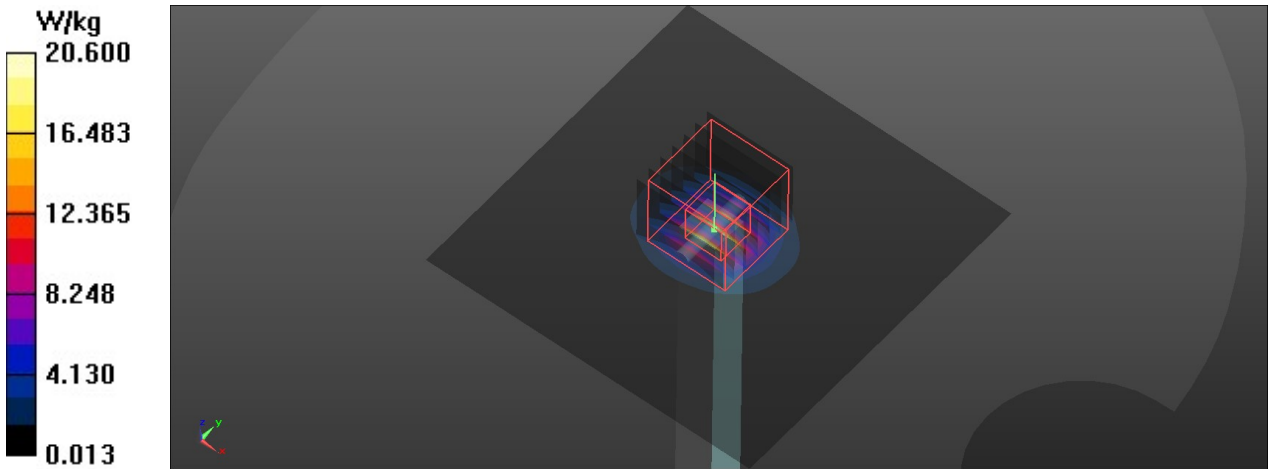
## DUT: Dipole 5GHzV2;Type:D5GHzV2

Communication System: CW ; Frequency: 5600 MHz;Duty Cycle: 1:1
Medium: HSL5G_0215 Medium parameters used: f = 5600 MHz; $\sigma$ = 5.065 S/m; $\varepsilon_r$ = 36.806; $\rho$ = 1000 kg/m$^3$
Ambient Temperature：22.9℃; Liquid Temperature：21.7℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7555; ConvF(4.83, 4.83, 4.83) @ 5600 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)

**Pin=100mW/Area Scan (91x91x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 20.6 W/kg

**Pin=100mW/Zoom Scan (7x7x11)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 62.29 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 36.5 W/kg
**SAR(1 g) = 8.48 W/kg; SAR(10 g) = 2.42 W/kg**
Maximum value of SAR (measured) = 21.8 W/kg



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

# System Check_HSL5800_200220

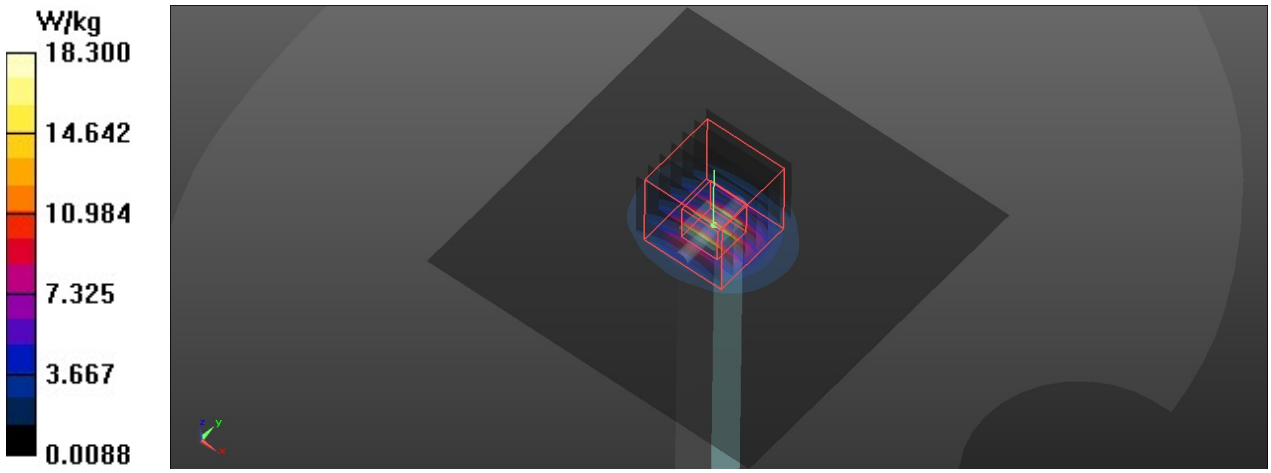
## DUT: Dipole 5GHzV2;Type:D5GHzV2

Communication System: CW; Frequency: 5800 MHz;Duty Cycle: 1:1
Medium: HSL5G_0220 Medium parameters used: f = 5800 MHz; $\sigma$ = 5.268 S/m; $\varepsilon_r$ = 36.541; $\rho$ = 1000 kg/m$^3$
Ambient Temperature：23.1℃; Liquid Temperature：21.9℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7555; ConvF(4.96, 4.96, 4.96) @ 5800 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)

**Pin=100mW/Area Scan (91x91x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 18.3 W/kg

**Pin=100mW/Zoom Scan (7x7x11)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 55.60 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 34.1 W/kg
**SAR(1 g) = 7.85 W/kg; SAR(10 g) = 2.11 W/kg**
Maximum value of SAR (measured) = 19.6 W/kg



# 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.

# P01 GSM850_GPRS12_Right Cheek_Ch189_Ant 1

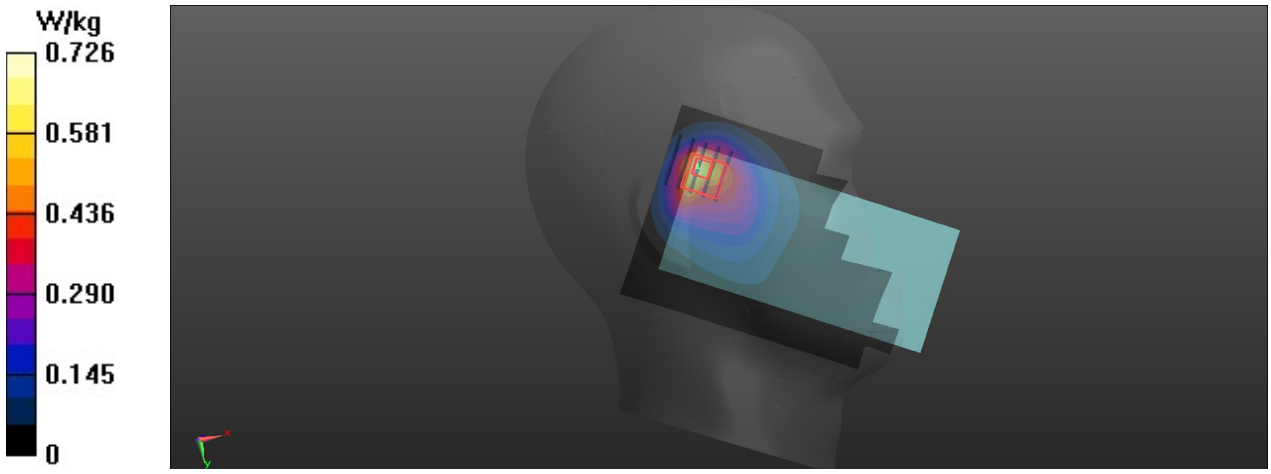
**DUT: 200106W008**

Communication System: GPRS12 ; Frequency: 836.4 MHz;Duty Cycle: 1:2
Medium: HSL835_0118 Medium parameters used : f = 836.4 MHz; $\sigma$ = 0.89 S/m; $\varepsilon_r$ = 40.74; $\rho$ = 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) = 0.726 W/kg

**- Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 17.24 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 0.759 W/kg
**SAR(1 g) = 0.383 W/kg; SAR(10 g) = 0.229 W/kg**
Maximum value of SAR (measured) = 0.602 W/kg



# P02 GSM1900_GPRS12_Left Cheek_Ch661_Ant 0

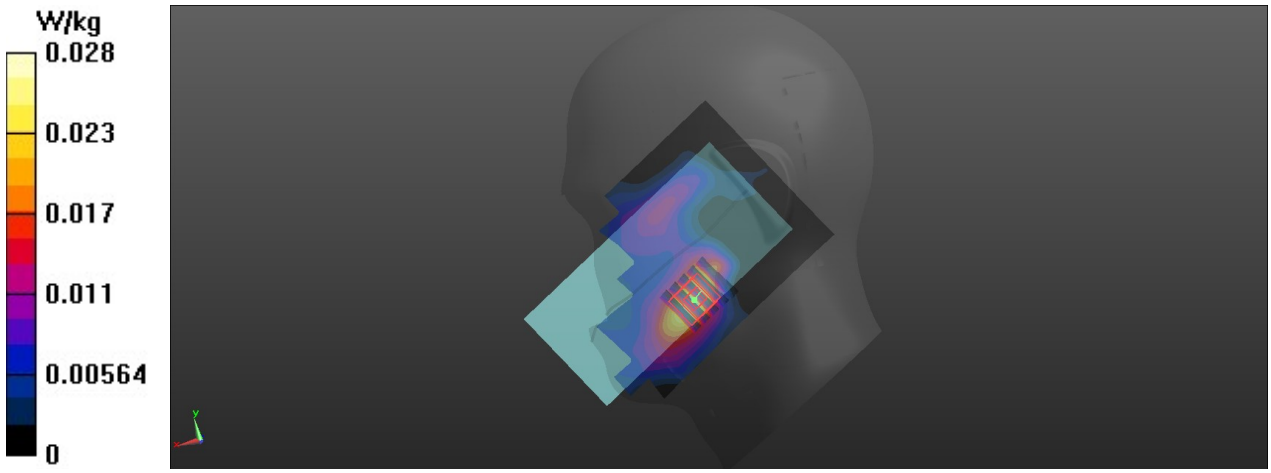
**DUT: 200106W008**

Communication System: GPRS12 ; Frequency: 1880 MHz;Duty Cycle: 1:2
Medium: HSL1900_0120 Medium parameters used: f = 1880 MHz; $\sigma$ = 1.436 S/m; $\varepsilon_r$ = 40.32; $\rho$ = 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 (81x131x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.0282 W/kg

**- Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 1.445 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 0.0320 W/kg
**SAR(1 g) = 0.020 W/kg; SAR(10 g) = 0.013 W/kg**
Maximum value of SAR (measured) = 0.0272 W/kg



# P03 WCDMA II_RMC12.2K_Left Cheek_Ch9262_Ant 0

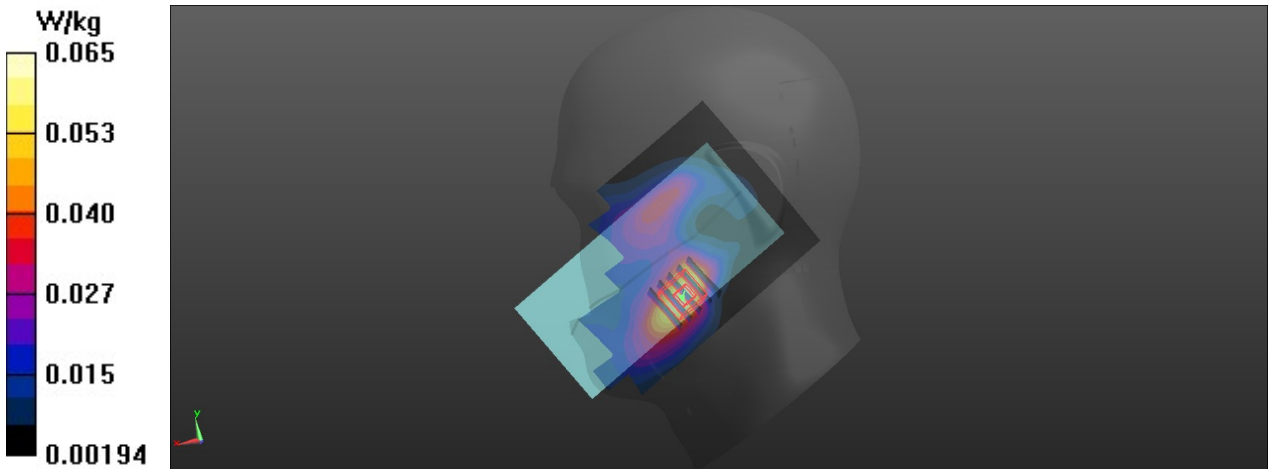
## DUT: 200106W008

Communication System: WCDMA ; Frequency: 1852.4 MHz;Duty Cycle: 1:1
Medium: HSL1900_0120 Medium parameters used : f = 1852.4 MHz; $\sigma$ = 1.407 S/m; $\varepsilon_r$ = 40.465; $\rho$ = 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 (81x131x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.0687 W/kg

**- Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 2.237 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 0.0780 W/kg
**SAR(1 g) = 0.049 W/kg; SAR(10 g) = 0.031 W/kg**
Maximum value of SAR (measured) = 0.0655 W/kg



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

# P04 WCDMA IV_RMC12.2K_Left Cheek_Ch1312_Ant 0

## DUT: 200106W008

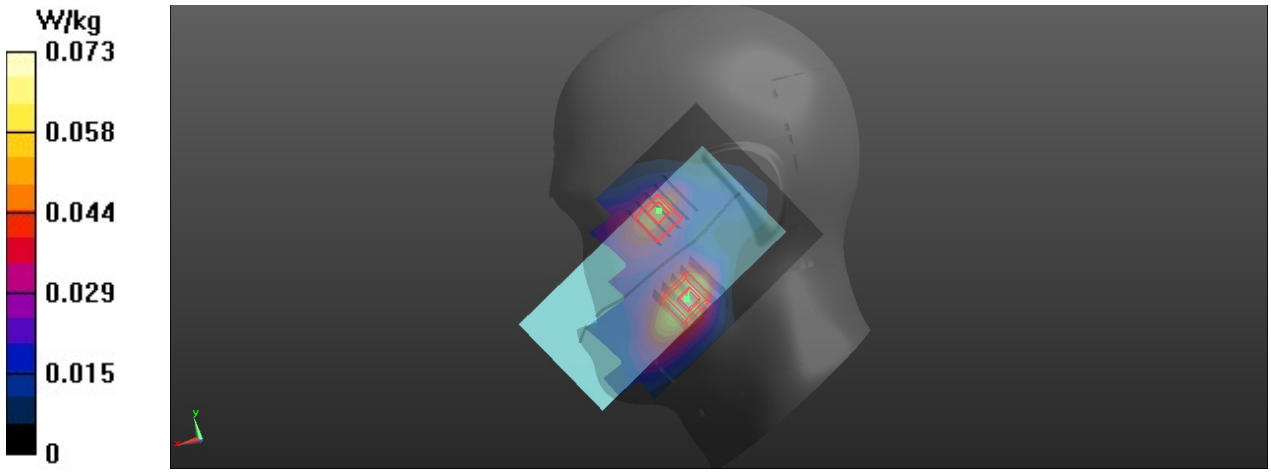
Communication System: WCDMA ; Frequency: 1712.4 MHz;Duty Cycle: 1:1
Medium: HSL1750_0119 Medium parameters used : f = 1712.4 MHz; $\sigma$ = 1.35 S/m; $\varepsilon_r$ = 38.611; $\rho$ = 1000 kg/m$^3$
Ambient Temperature：22.9℃; Liquid Temperature：21.8℃

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 (81x131x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.0728 W/kg

**- Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 2.811 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 0.0800 W/kg
**SAR(1 g) = 0.052 W/kg; SAR(10 g) = 0.033 W/kg**
Maximum value of SAR (measured) = 0.0695 W/kg

**- Zoom Scan (5x5x7)/Cube 1:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 2.811 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 0.0600 W/kg
**SAR(1 g) = 0.038 W/kg; SAR(10 g) = 0.024 W/kg**
Maximum value of SAR (measured) = 0.0517 W/kg



# P05 WCDMA V_RMC12.2K_Right Cheek_Ch4132_Ant 1

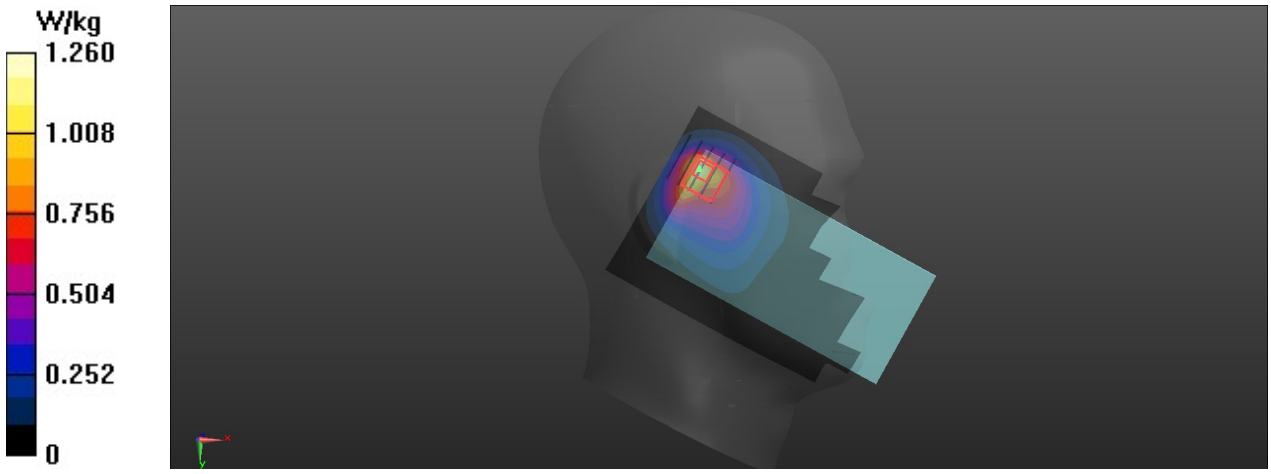
**DUT: 200106W008**

Communication System: WCDMA ; Frequency: 826.4 MHz;Duty Cycle: 1:1
Medium: HSL835_0118 Medium parameters used : f = 826.4 MHz; $\sigma$ = 0.88 S/m; $\varepsilon_r$ = 40.876; $\rho$ = 1000 kg/m$^3$
Ambient Temperature：23.1℃; Liquid Temperature：22.3℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7555; ConvF(9.74, 9.74, 9.74) @ 826.4 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) = 1.26 W/kg

**- Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 23.20 V/m; Power Drift = 0.00 dB
Peak SAR (extrapolated) = 1.27 W/kg
**SAR(1 g) = 0.638 W/kg; SAR(10 g) = 0.384 W/kg**
Maximum value of SAR (measured) = 0.995 W/kg



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

# P06 LTE 2_QPSK20M_Left Cheek_Ch18900_1RB_OS0_Ant 0

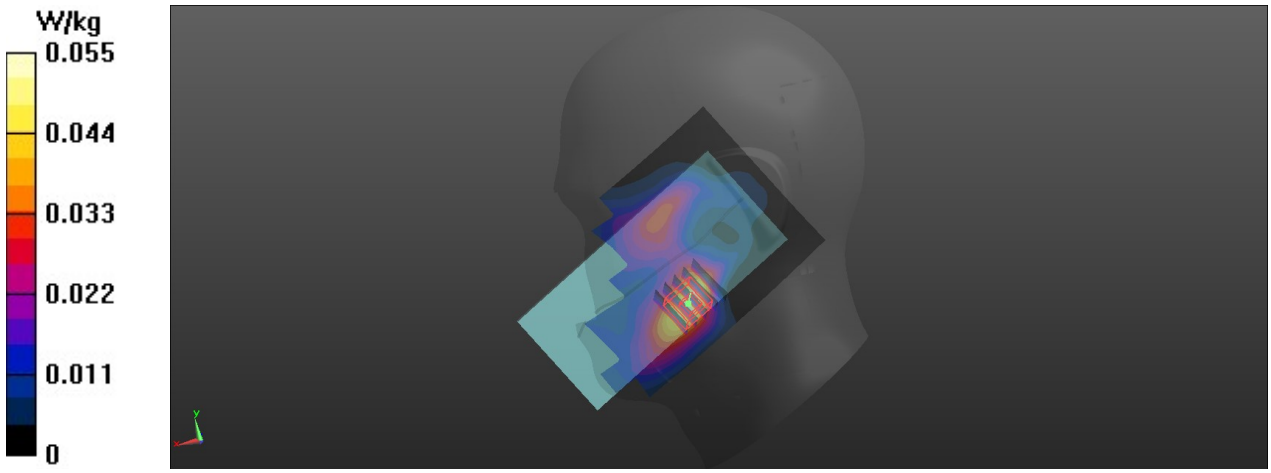
**DUT: 200106W008**

Communication System: LTE ; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: HSL1900_0120 Medium parameters used: f = 1880 MHz; $\sigma$ = 1.436 S/m; $\varepsilon_r$ = 40.32; $\rho$ = 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 (81x131x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.0554 W/kg

**- Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 2.036 V/m; Power Drift = 0.10 dB
Peak SAR (extrapolated) = 0.0610 W/kg
**SAR(1 g) = 0.039 W/kg; SAR(10 g) = 0.024 W/kg**
Maximum value of SAR (measured) = 0.0517 W/kg



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

# P07 LTE 4_QPSK20M_Left Cheek_Ch20050_1RB_OS0_Ant 0

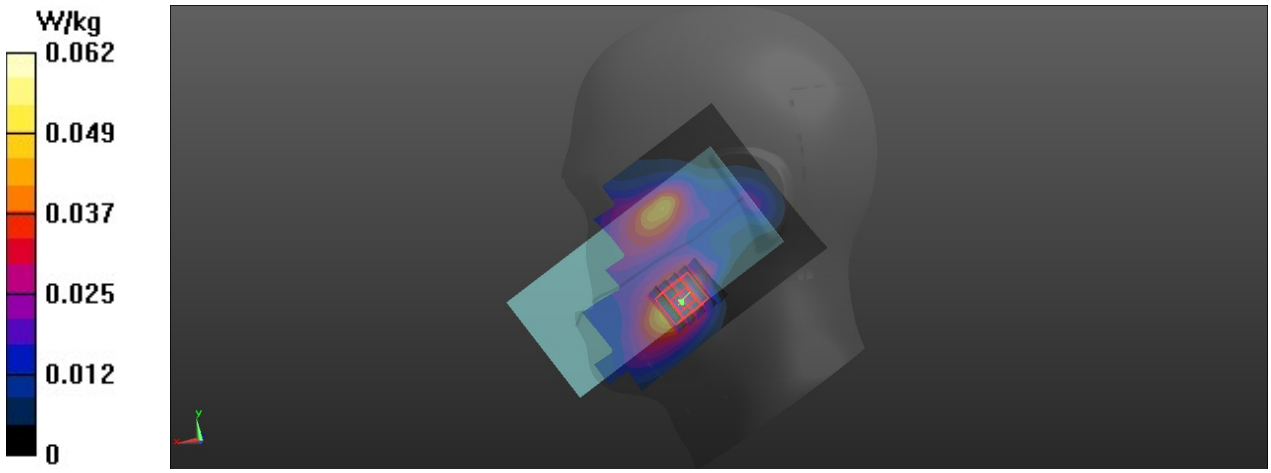
**DUT: 200106W008**

Communication System: LTE ; Frequency: 1720 MHz;Duty Cycle: 1:1
Medium: HSL1750_0119 Medium parameters used: f = 1720 MHz; $\sigma$ = 1.358 S/m; $\varepsilon_r$ = 38.573; $\rho$ = 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 (81x131x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.0616 W/kg

**- Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 3.134 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 0.0660 W/kg
**SAR(1 g) = 0.043 W/kg; SAR(10 g) = 0.028 W/kg**
Maximum value of SAR (measured) = 0.0577 W/kg



# P08 LTE 5_QPSK10M_Right Tilted_Ch20600_1RB_OS0_Ant 1

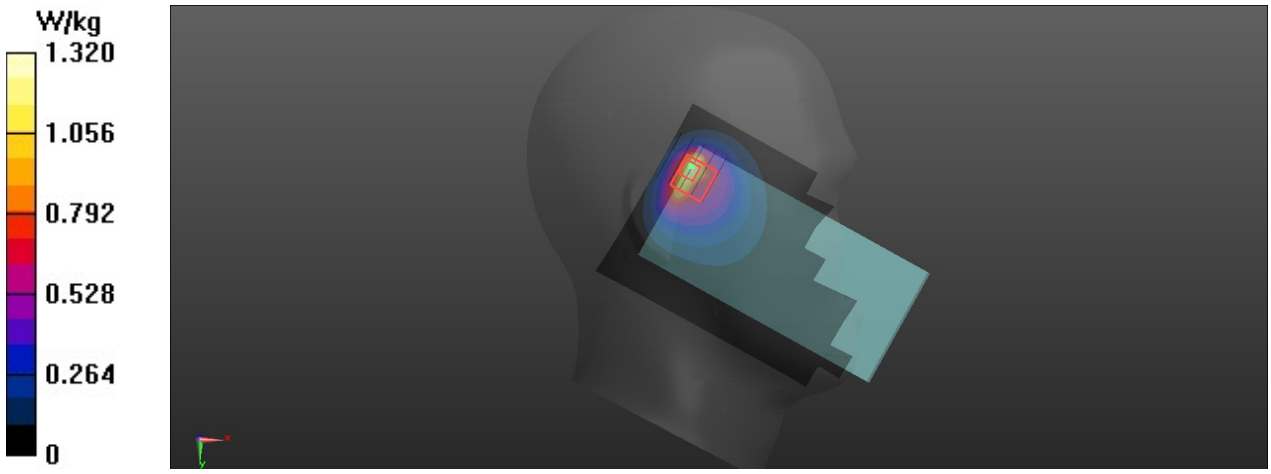
**DUT: 200106W008**

Communication System: LTE ; Frequency: 844 MHz;Duty Cycle: 1:1
Medium: HSL835_0118 Medium parameters used: f = 844 MHz; $\sigma$ = 0.897 S/m; $\varepsilon_r$ = 40.642; $\rho$ = 1000 kg/m$^3$
Ambient Temperature：23.1℃; Liquid Temperature：22.3℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7555; ConvF(9.74, 9.74, 9.74) @ 844 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) = 1.32 W/kg

**- Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 23.70 V/m; Power Drift = 0.00 dB
Peak SAR (extrapolated) = 1.75 W/kg
**SAR(1 g) = 0.646 W/kg; SAR(10 g) = 0.334 W/kg**
Maximum value of SAR (measured) = 1.29 W/kg



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

# P09 LTE 7_QPSK20M_Right Cheek_Ch20850_1RB_OS99_Ant 0

**DUT: 200106W008**

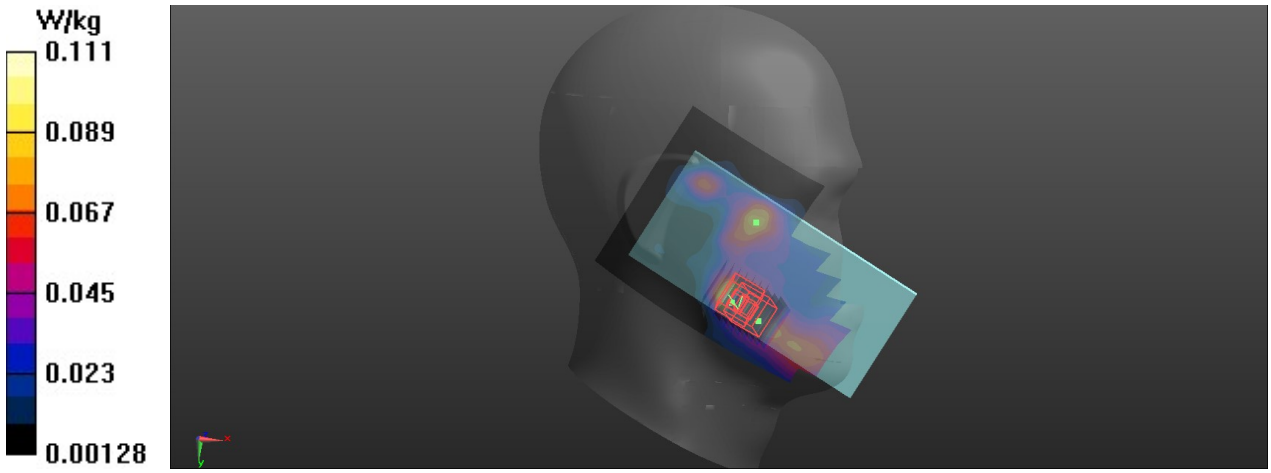
Communication System: LTE ; Frequency: 2510 MHz;Duty Cycle: 1:1
Medium: HSL2600_0213 Medium parameters used: f = 2510 MHz; $\sigma$ = 1.94 S/m; $\varepsilon_r$ = 39.277; $\rho$ = 1000 kg/m$^3$
Ambient Temperature：23.2℃; Liquid Temperature：22.1℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7555; ConvF(7.45, 7.45, 7.45) @ 2510 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 (101x161x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.126 W/kg

**- Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 1.745 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 0.138 W/kg
**SAR(1 g) = 0.077 W/kg; SAR(10 g) = 0.041 W/kg**
Maximum value of SAR (measured) = 0.115 W/kg

**- Zoom Scan (7x7x7)/Cube 1:** Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 1.745 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 0.137 W/kg
**SAR(1 g) = 0.071 W/kg; SAR(10 g) = 0.037 W/kg**
Maximum value of SAR (measured) = 0.111 W/kg



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

# P10 LTE 38_QPSK20M_Right Tilted_Ch38150_1RB_OS50_Ant 0

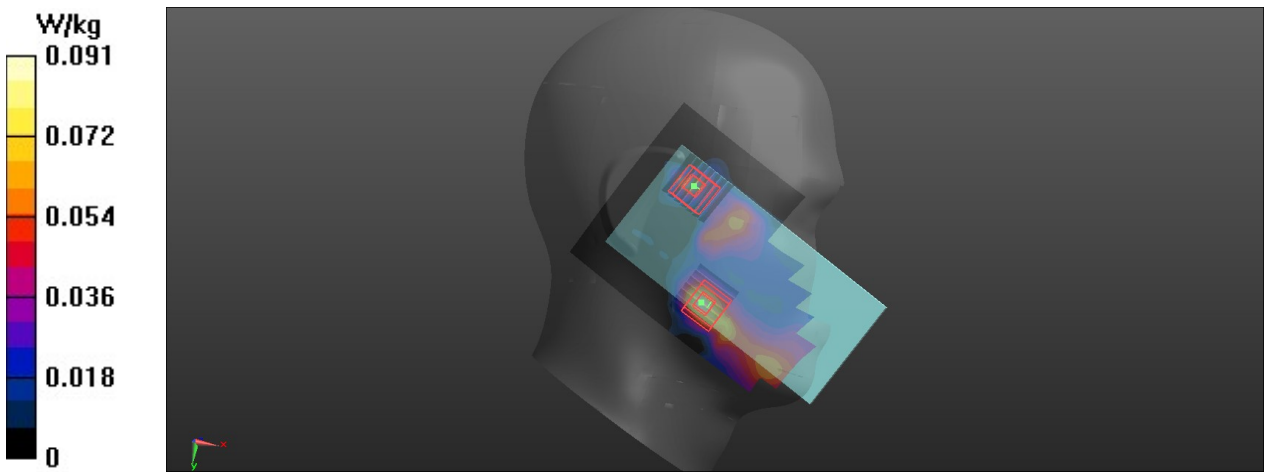
**DUT: 200106W008**

Communication System: LTE TDD ; Frequency: 2610 MHz;Duty Cycle: 1:1.58
Medium: HSL2600_0213 Medium parameters used : f = 2610 MHz; $\sigma$ = 2.05 S/m; $\varepsilon_r$ = 38.892; $\rho$ = 1000 kg/m$^3$
Ambient Temperature：23.2℃; Liquid Temperature：22.1℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7555; ConvF(7.45, 7.45, 7.45) @ 2610 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 (101x161x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.0906 W/kg

**- Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 2.556 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 0.0900 W/kg
**SAR(1 g) = 0.049 W/kg; SAR(10 g) = 0.024 W/kg**
Maximum value of SAR (measured) = 0.0749 W/kg



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

# P11 802.11b_Left Tilted_Ch6_Ant 0+1

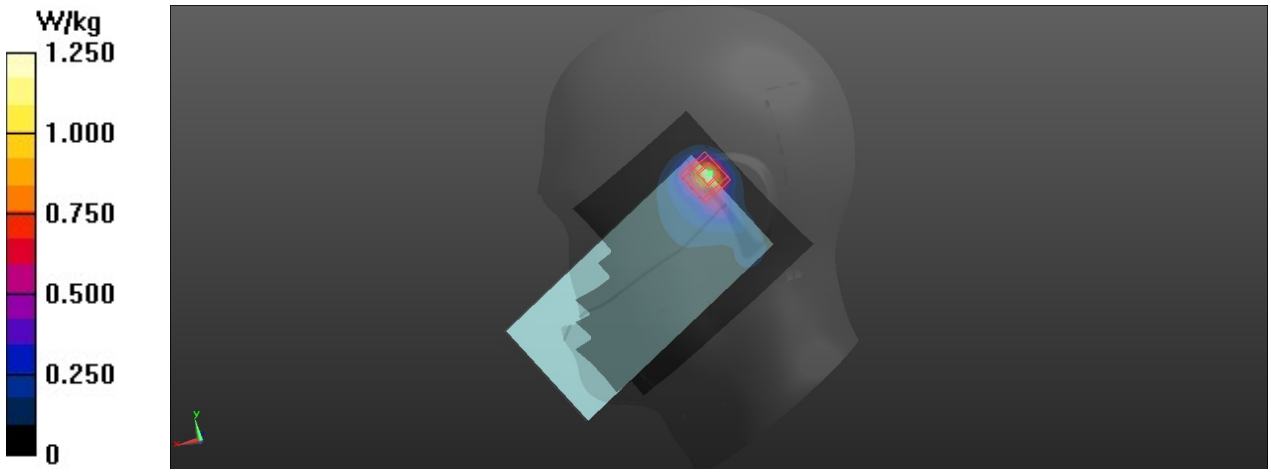
## DUT: 200106W008

Communication System: 802.11b ; Frequency: 2437 MHz;Duty Cycle: 1:1
Medium: HSL2450_0214 Medium parameters used : f = 2437 MHz; $\sigma$ = 1.829 S/m; $\varepsilon_r$ = 39.463; $\rho$ = 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 (101x161x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 1.25 W/kg

**- Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 12.47 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 1.67 W/kg
**SAR(1 g) = 0.672 W/kg; SAR(10 g) = 0.292 W/kg**
Maximum value of SAR (measured) = 1.27 W/kg



Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab Date: 2/17/2020

# P12 802.11a_Left Tilted_Ch52_Ant 0+1

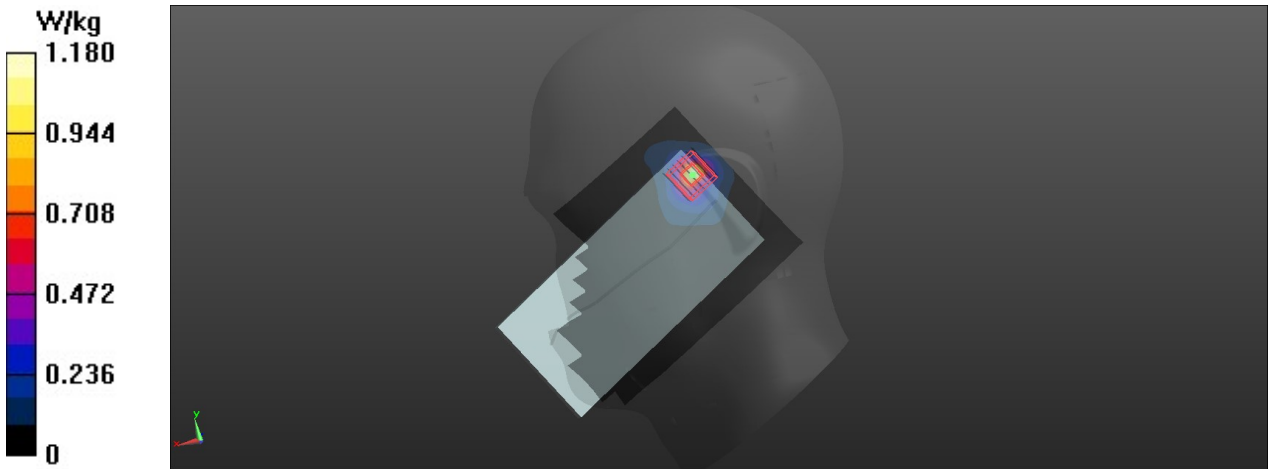
## DUT: 200106W008

Communication System: 802.11a ; Frequency: 5260 MHz;Duty Cycle: 1:1
Medium: HSL5G_0217 Medium parameters used: f = 5260 MHz; $\sigma$ = 4.732 S/m; $\varepsilon_r$ = 37.269; $\rho$ = 1000 kg/m$^3$
Ambient Temperature：23.0℃; Liquid Temperature：22.1℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7555; ConvF(5.3, 5.3, 5.3) @ 5260 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) = 1.18 W/kg

**- Zoom Scan (7x7x12)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 4.419 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 1.96 W/kg
**SAR(1 g) = 0.498 W/kg; SAR(10 g) = 0.158 W/kg**
Maximum value of SAR (measured) = 1.22 W/kg



# P13 802.11a_Left Cheek_Ch116_Ant 0

**DUT: 200106W008**

Communication System: 802.11a ; Frequency: 5580 MHz;Duty Cycle: 1:1
Medium: HSL5G_0215 Medium parameters used: f = 5580 MHz; $\sigma$ = 5.045 S/m; $\varepsilon_r$ = 36.829; $\rho$ = 1000 kg/m$^3$
Ambient Temperature：22.9℃; Liquid Temperature：21.7℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7555; ConvF(4.83, 4.83, 4.83) @ 5580 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) = 2.08 W/kg

**- Zoom Scan (7x7x12)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 4.049 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 3.71 W/kg
**SAR(1 g) = 0.887 W/kg; SAR(10 g) = 0.296 W/kg**
Maximum value of SAR (measured) = 2.20 W/kg