Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2021/6/16

System Check_Head_5250MHz

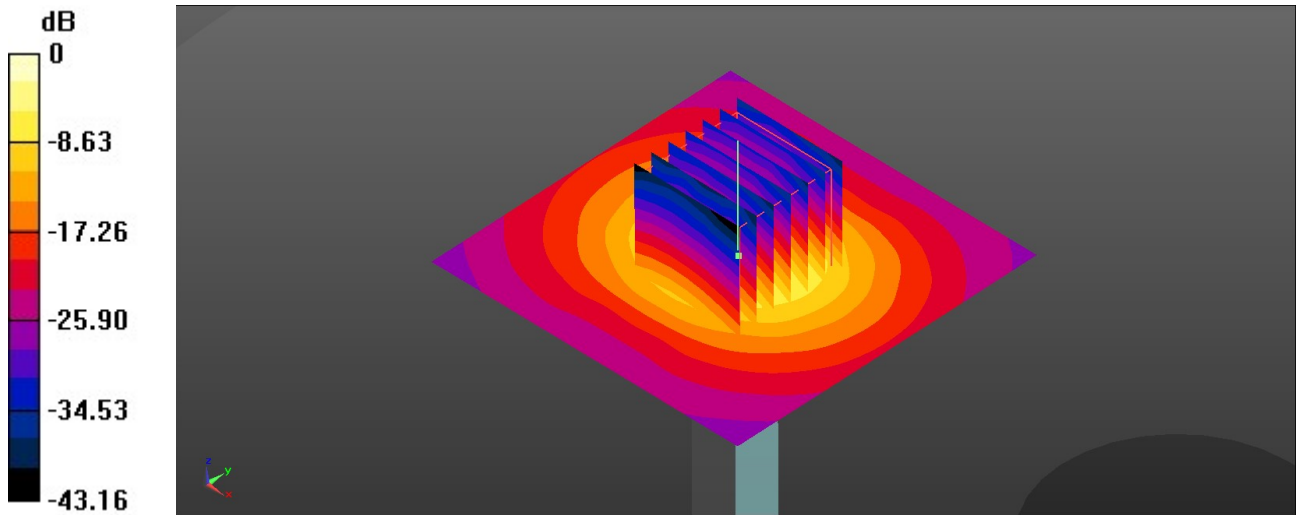
DUT: D5GHzV2-SN:1167

Communication System: UID 0, CW; Frequency: 5250 MHz;Duty Cycle: 1:1
Medium: HSL_5250_210616 Medium parameters used: f = 5250 MHz; σ = 4.744 S/m; ε_r = 36.854; ρ = 1000 kg/m^3
Ambient Temperature：23.7 ℃; Liquid Temperature：22.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7641; ConvF(5.68, 5.68, 5.68); Calibrated: 2021/3/15
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1664; Calibrated: 2021/3/1
- Phantom: Twin-SAM V8.0 (Right); Type: QD 000 P41 AA; Serial: 2033
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Pin=100mW/Area Scan (71x71x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 20.4 W/kg

Pin=100mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 75.09 V/m; Power Drift = -0.18 dB
Peak SAR (extrapolated) = 33.9 W/kg
SAR(1 g) = 8.32 W/kg; SAR(10 g) = 2.29 W/kg
Maximum value of SAR (measured) = 20.7 W/kg



0 dB = 20.7 W/kg

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2021/5/27

System Check_Head_5600MHz

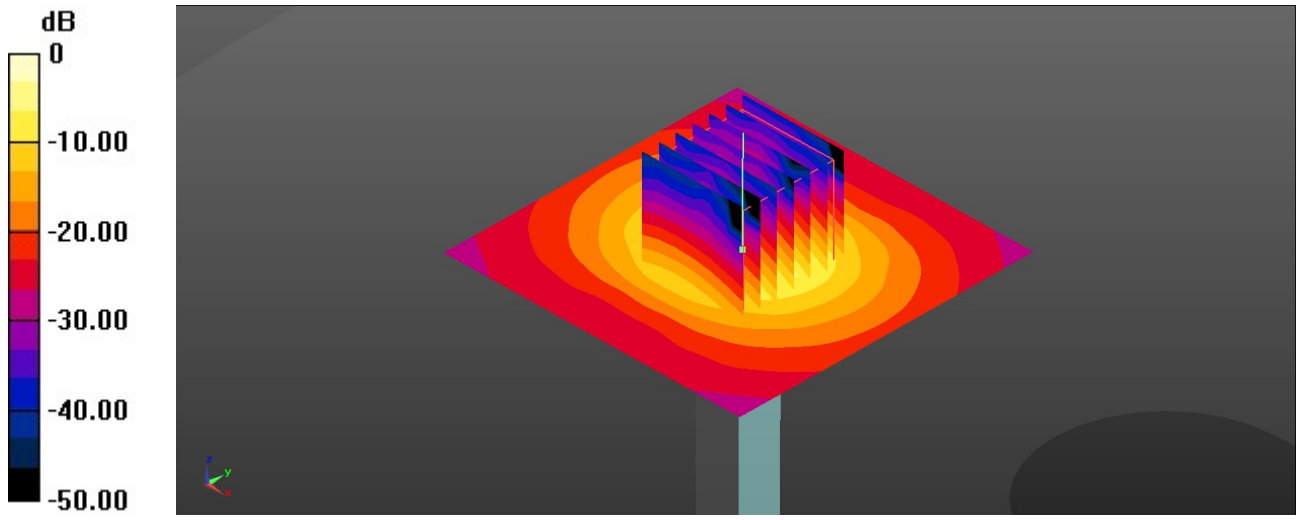
DUT: D5GHzV2-SN:1167

Communication System: UID 0, CW; Frequency: 5600 MHz;Duty Cycle: 1:1
Medium: HSL_5600_210527 Medium parameters used: f = 5600 MHz; σ = 5.141 S/m; ε_r = 35.813; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：22.7 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7641; ConvF(5.03, 5.03, 5.03); Calibrated: 2021/3/15
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1664; Calibrated: 2021/3/1
- Phantom: Twin-SAM V8.0 (Right); Type: QD 000 P41 AA; Serial: 2033
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Pin=100mW/Area Scan (71x71x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 21.1 W/kg

Pin=100mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 71.88 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 37.9 W/kg
SAR(1 g) = 8.46 W/kg; SAR(10 g) = 2.3 W/kg
Maximum value of SAR (measured) = 22.0 W/kg



0 dB = 22.0 W/kg

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2021/6/18

System Check_Head_5600MHz

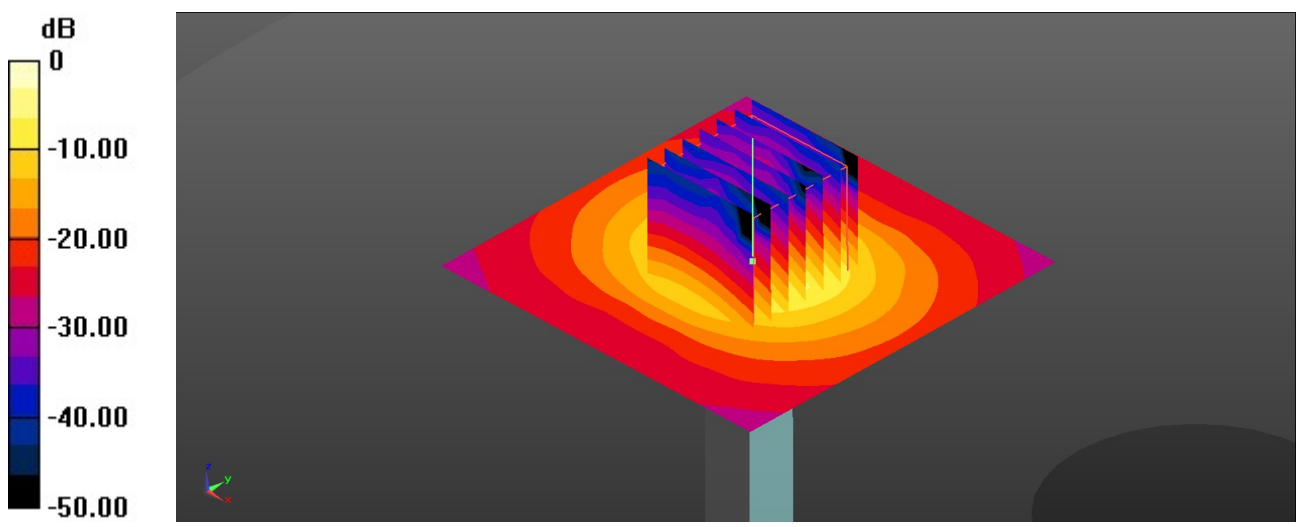
DUT: D5GHzV2-SN:1167

Communication System: UID 0, CW; Frequency: 5600 MHz;Duty Cycle: 1:1
Medium: HSL_5600_210618 Medium parameters used: f = 5600 MHz; σ = 5.182 S/m; ε_r = 36.105; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃; Liquid Temperature：22.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7641; ConvF(5.03, 5.03, 5.03); Calibrated: 2021/3/15
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1664; Calibrated: 2021/3/1
- Phantom: Twin-SAM V8.0 (Right); Type: QD 000 P41 AA; Serial: 2033
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Pin=100mW/Area Scan (71x71x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 21.3 W/kg

Pin=100mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 71.88 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 38.2 W/kg
SAR(1 g) = 8.53 W/kg; SAR(10 g) = 2.32 W/kg
Maximum value of SAR (measured) = 22.2 W/kg



0 dB = 22.2 W/kg

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2021/5/28

System Check_Head_5750MHz

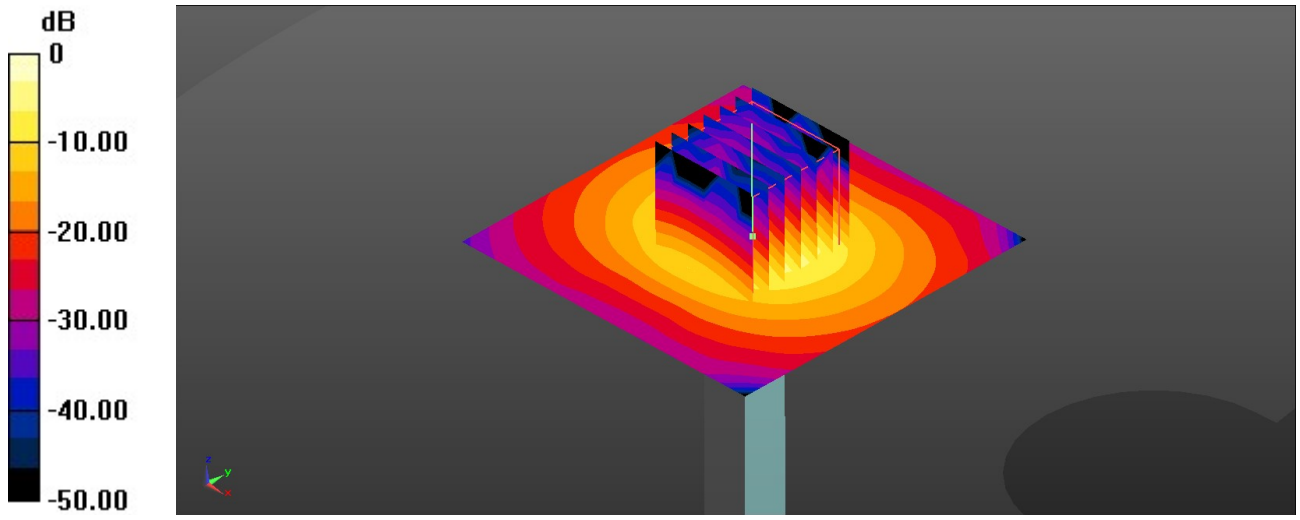
DUT: D5GHzV2-SN:1167

Communication System: UID 0, CW; Frequency: 5750 MHz;Duty Cycle: 1:1
Medium: HSL_5750_210528 Medium parameters used: f = 5750 MHz; σ = 5.315 S/m; ε_r = 35.552; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：22.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7641; ConvF(5.3, 5.3, 5.3); Calibrated: 2021/3/15
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1664; Calibrated: 2021/3/1
- Phantom: Twin-SAM V8.0 (Right); Type: QD 000 P41 AA; Serial: 2033
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Pin=100mW/Area Scan (71x71x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 18.1 W/kg

Pin=100mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 66.62 V/m; Power Drift = 0.10 dB
Peak SAR (extrapolated) = 34.4 W/kg
SAR(1 g) = 7.53 W/kg; SAR(10 g) = 2.09 W/kg
Maximum value of SAR (measured) = 18.9 W/kg



0 dB = 18.9 W/kg

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2021/6/18

System Check_Head_5750MHz

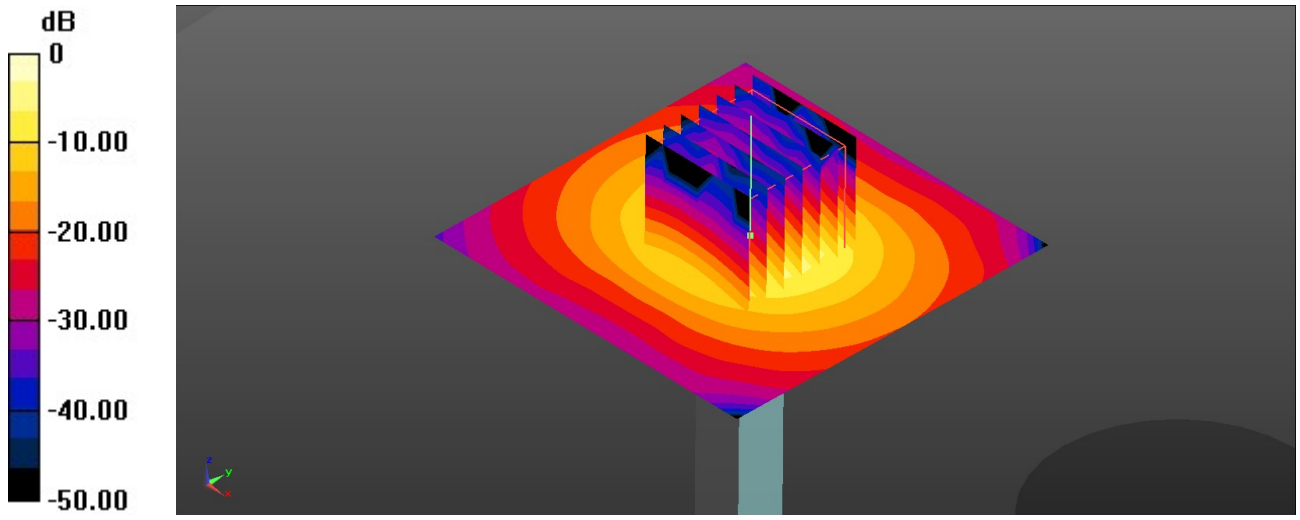
DUT: D5GHzV2-SN:1167

Communication System: UID 0, CW; Frequency: 5750 MHz;Duty Cycle: 1:1
Medium: HSL_5750_210618 Medium parameters used: f = 5750 MHz; σ = 5.357 S/m; ε_r = 35.815; ρ = 1000 kg/m^3
Ambient Temperature：23.7 ℃; Liquid Temperature：22.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7641; ConvF(5.3, 5.3, 5.3); Calibrated: 2021/3/15
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1664; Calibrated: 2021/3/1
- Phantom: Twin-SAM V8.0 (Right); Type: QD 000 P41 AA; Serial: 2033
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Pin=100mW/Area Scan (71x71x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 18.2 W/kg

Pin=100mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 66.62 V/m; Power Drift = 0.10 dB
Peak SAR (extrapolated) = 34.7 W/kg
SAR(1 g) = 7.59 W/kg; SAR(10 g) = 2.11 W/kg
Maximum value of SAR (measured) = 19.0 W/kg



0 dB = 19.0 W/kg

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2021/7/6

System Check_Head_835MHz

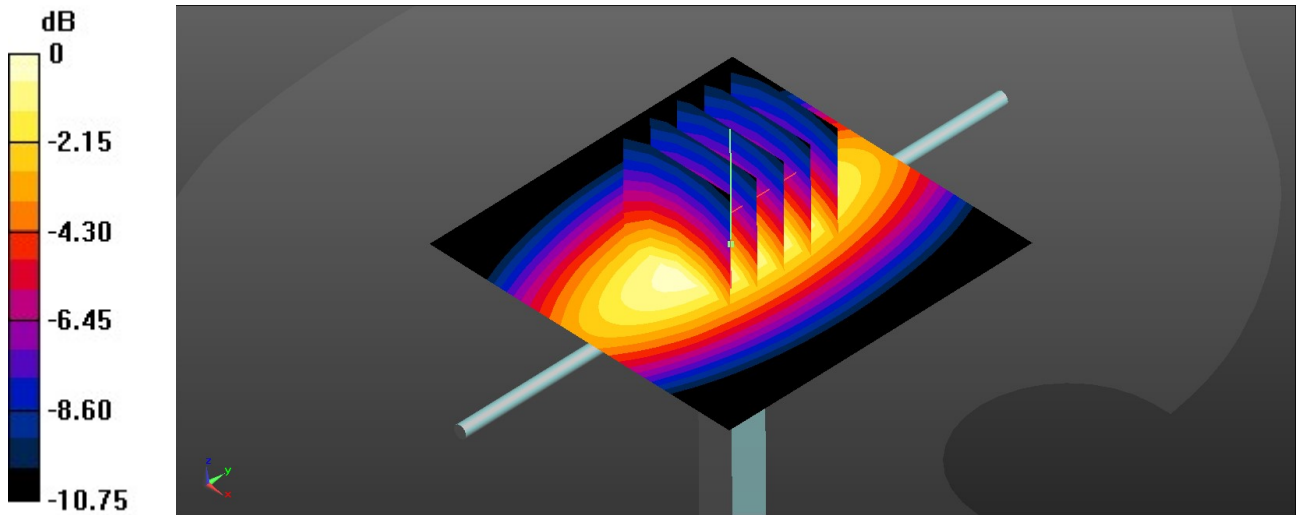
DUT: D835V2-SN:4d162

Communication System: UID 0, CW (0); Frequency: 835 MHz;Duty Cycle: 1:1
Medium: HSL_835_210706 Medium parameters used: f = 835 MHz; σ = 0.91 S/m; ε_r = 42.91; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃; Liquid Temperature：22.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7641; ConvF(10.9, 10.9, 10.9); Calibrated: 2021/3/15
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1664; Calibrated: 2021/3/1
- Phantom: Twin-SAM V8.0 (Right); Type: QD 000 P41 AA; Serial: 2033
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Pin=250mW/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 3.18 W/kg

Pin=250mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 61.87 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 3.62 W/kg
SAR(1 g) = 2.46 W/kg; SAR(10 g) = 1.55 W/kg
Maximum value of SAR (measured) = 3.18 W/kg



0 dB = 3.18 W/kg

Appendix B. Plots of High SAR Measurement

The plots are shown as follows.

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2021/6/2

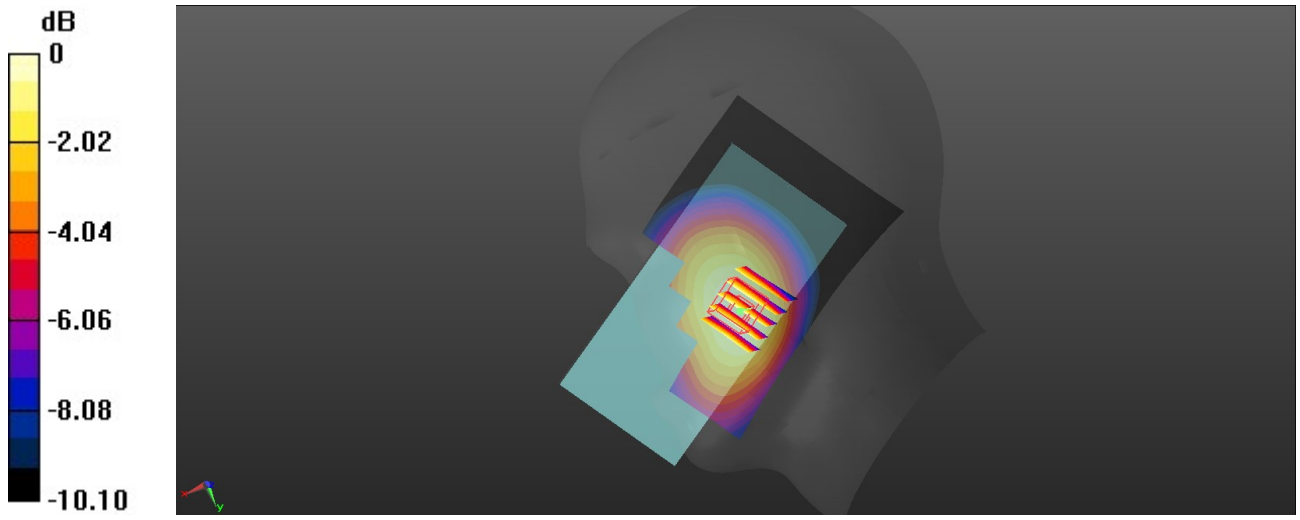
01_GSM850_GPRS(3 Tx slots)_Right Cheek_Ch128

Communication System: UID 0, GPRS/EDGE11 (0); Frequency: 824.2 MHz;Duty Cycle: 1:2.77
Medium: HSL_835_210602 Medium parameters used: f = 824.2 MHz; σ = 0.906 S/m; ε_r = 41.145; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃; Liquid Temperature：22.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7641; ConvF(10.9, 10.9, 10.9); Calibrated: 2021/3/15
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1664; Calibrated: 2021/3/1
- Phantom: Twin-SAM V8.0 (Right); Type: QD 000 P41 AA; Serial: 2033
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Ch128/Area Scan (71x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.355 W/kg

Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.373 V/m; Power Drift = 0.19 dB
Peak SAR (extrapolated) = 0.374 W/kg
SAR(1 g) = 0.291 W/kg; SAR(10 g) = 0.224 W/kg
Maximum value of SAR (measured) = 0.344 W/kg



0 dB = 0.344 W/kg

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2021/6/6

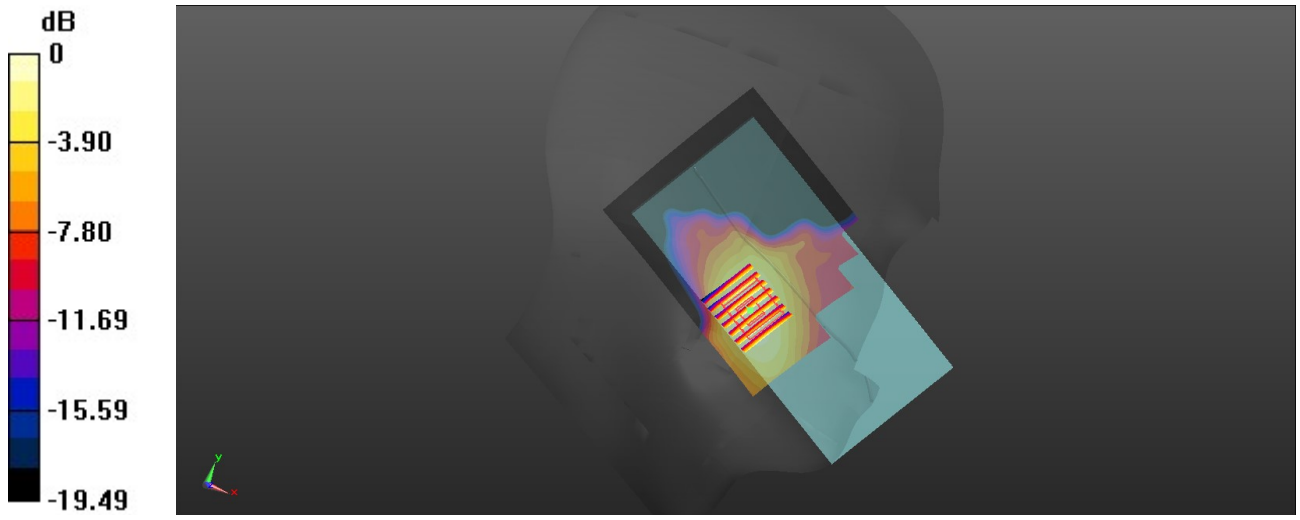
02_GSM1900_GPRS(2 Tx slots)_Left Cheek_Ch661

Communication System: UID 0, GPRS/EDGE10 (0); Frequency: 1880 MHz;Duty Cycle: 1:4.15
Medium: HSL_1900_210606 Medium parameters used: f = 1880 MHz; σ = 1.412 S/m; ε_r = 38.533; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：22.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7641; ConvF(9.05, 9.05, 9.05); Calibrated: 2021/3/15
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1664; Calibrated: 2021/3/1
- Phantom: Twin-SAM V8.0 (Right); Type: QD 000 P41 AA; Serial: 2033
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Ch661/Area Scan (71x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.116 W/kg

Ch661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 0.6980 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 0.136 W/kg
SAR(1 g) = 0.083 W/kg; SAR(10 g) = 0.051 W/kg
Maximum value of SAR (measured) = 0.117 W/kg



0 dB = 0.117 W/kg

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2021/6/2

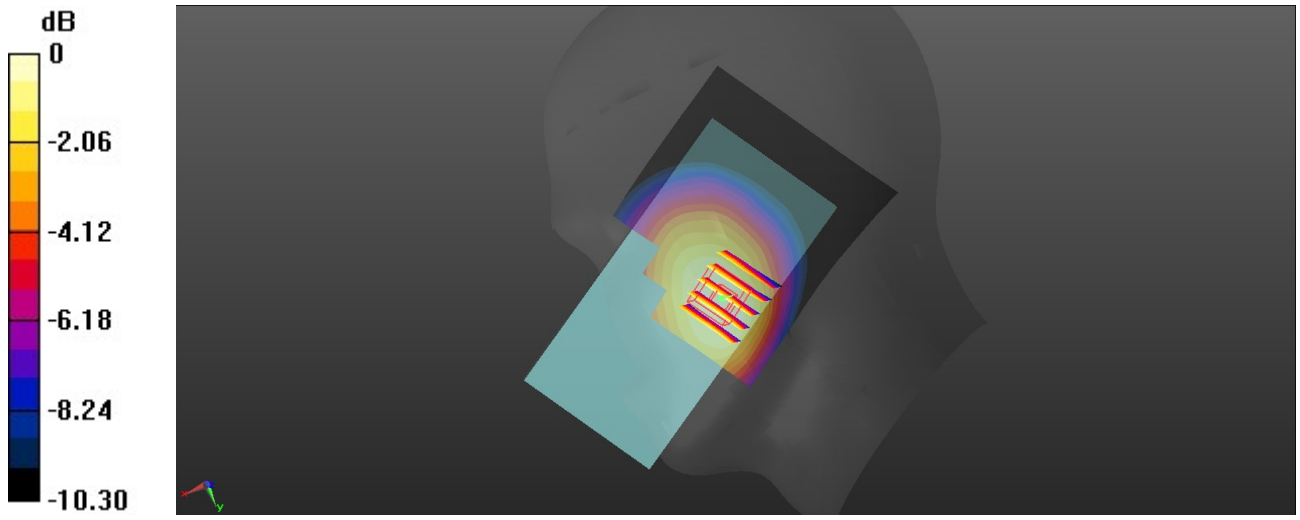
03_WCDMA V_RMC 12.2Kbps_Right Cheek_Ch4233

Communication System: UID 0, UMTS (0); Frequency: 846.6 MHz;Duty Cycle: 1:1
Medium: HSL_835_210602 Medium parameters used: f = 846.6 MHz; σ = 0.926 S/m; ε_r = 40.905; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃; Liquid Temperature：22.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7641; ConvF(10.9, 10.9, 10.9); Calibrated: 2021/3/15
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1664; Calibrated: 2021/3/1
- Phantom: Twin-SAM V8.0 (Right); Type: QD 000 P41 AA; Serial: 2033
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Ch4233/Area Scan (71x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.355 W/kg

Ch4233/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 15.29 V/m; Power Drift = 0.15 dB
Peak SAR (extrapolated) = 0.379 W/kg
SAR(1 g) = 0.289 W/kg; SAR(10 g) = 0.219 W/kg
Maximum value of SAR (measured) = 0.347 W/kg



0 dB = 0.347 W/kg

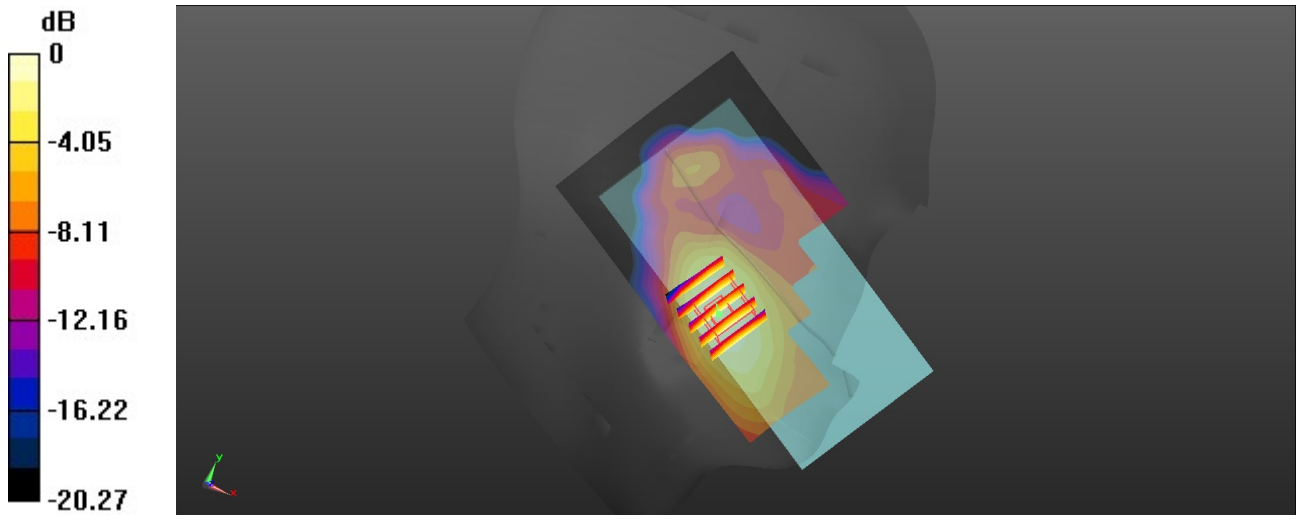
04_WCDMA IV_RMC 12.2Kbps_Left Cheek_Ch1413

Communication System: UID 0, UMTS (0); Frequency: 1732.6 MHz;Duty Cycle: 1:1
Medium: HSL_1750_210604 Medium parameters used: f = 1733 MHz; σ = 1.361 S/m; ε_r = 41.422; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：22.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7641; ConvF(9.41, 9.41, 9.41); Calibrated: 2021/3/15
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1664; Calibrated: 2021/3/1
- Phantom: Twin-SAM V8.0 (Right); Type: QD 000 P41 AA; Serial: 2033
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Ch1413/Area Scan (71x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.187 W/kg

Ch1413/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 3.342 V/m; Power Drift = 0.16 dB
Peak SAR (extrapolated) = 0.217 W/kg
SAR(1 g) = 0.136 W/kg; SAR(10 g) = 0.085 W/kg
Maximum value of SAR (measured) = 0.188 W/kg



0 dB = 0.188 W/kg

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2021/6/6

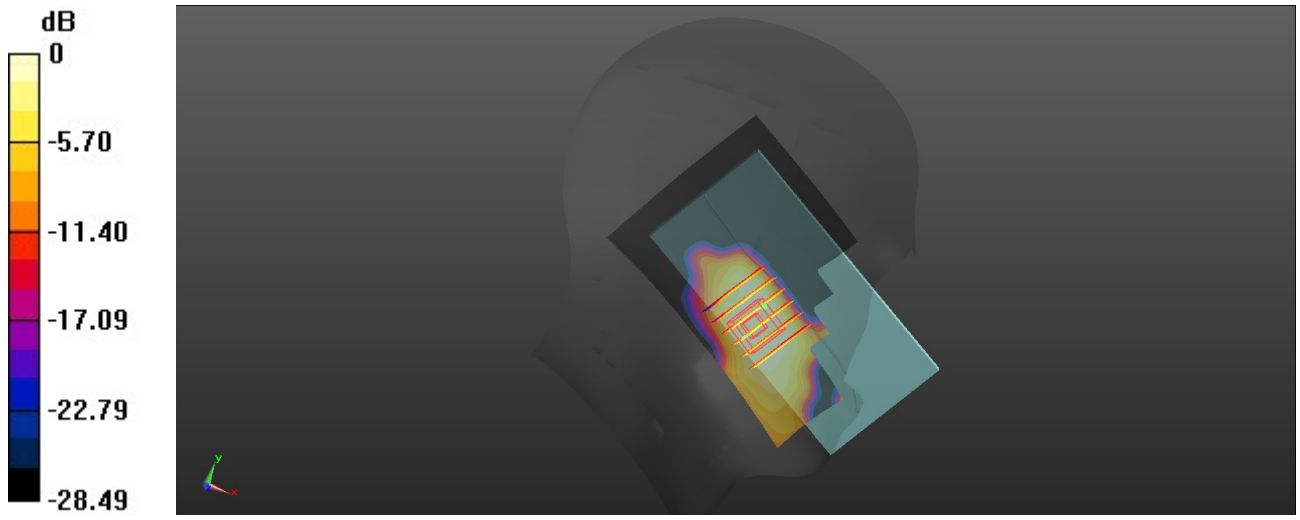
05_WCDMA II_RMC 12.2Kbps_Left Cheek_Ch9538

Communication System: UID 0, UMTS (0); Frequency: 1907.6 MHz;Duty Cycle: 1:1
Medium: HSL_1900_210606 Medium parameters used: f = 1908 MHz; σ = 1.412 S/m; ε_r = 38.533; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：22.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7641; ConvF(9.05, 9.05, 9.05); Calibrated: 2021/3/15
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1664; Calibrated: 2021/3/1
- Phantom: Twin-SAM V8.0 (Right); Type: QD 000 P41 AA; Serial: 2033
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Ch9538/Area Scan (71x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.0952 W/kg

Ch9538/Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 0.3790 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 0.0930 W/kg
SAR(1 g) = 0.054 W/kg; SAR(10 g) = 0.032 W/kg
Maximum value of SAR (measured) = 0.0742 W/kg



0 dB = 0.0742 W/kg

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2021/5/30

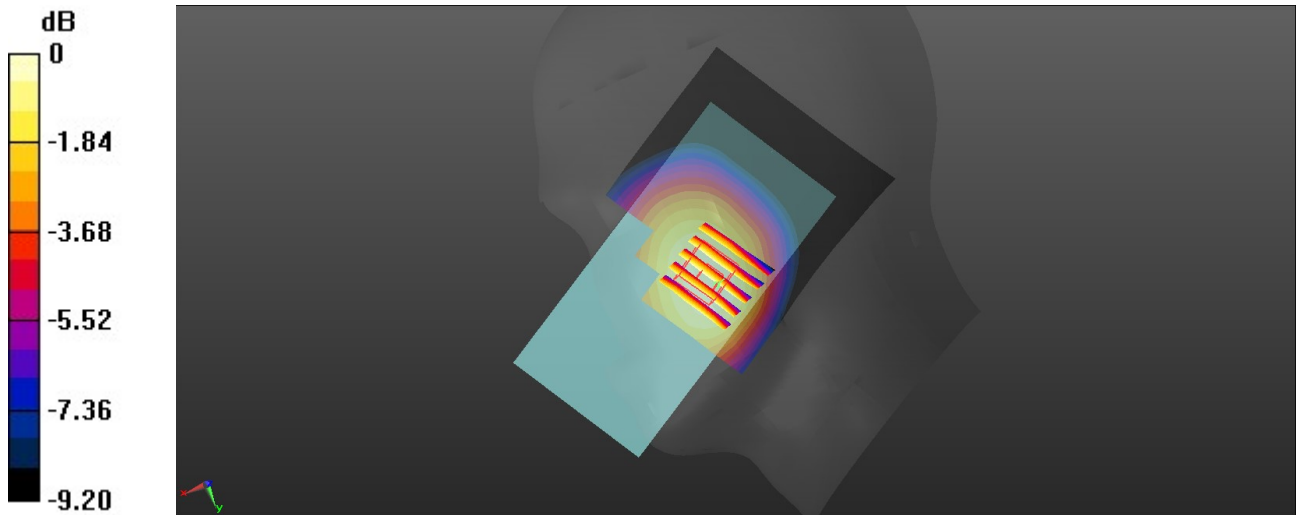
06_LTE Band 12_10M_QPSK_1RB_25Offset_Right Cheek_Ch23095

Communication System: UID 0, LTE (0); Frequency: 707.5 MHz;Duty Cycle: 1:1
Medium: HSL_750_210530 Medium parameters used: f = 707.5 MHz; σ = 0.872 S/m; ε_r = 41.927; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：22.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7641; ConvF(11.05, 11.05, 11.05); Calibrated: 2021/3/15
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1664; Calibrated: 2021/3/1
- Phantom: Twin-SAM V8.0 (Right); Type: QD 000 P41 AA; Serial: 2033
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Ch23095/Area Scan (71x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.223 W/kg

Ch23095/Zoom Scan (6x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 13.05 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 0.232 W/kg
SAR(1 g) = 0.191 W/kg; SAR(10 g) = 0.154 W/kg
Maximum value of SAR (measured) = 0.218 W/kg



0 dB = 0.218 W/kg

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2021/5/30

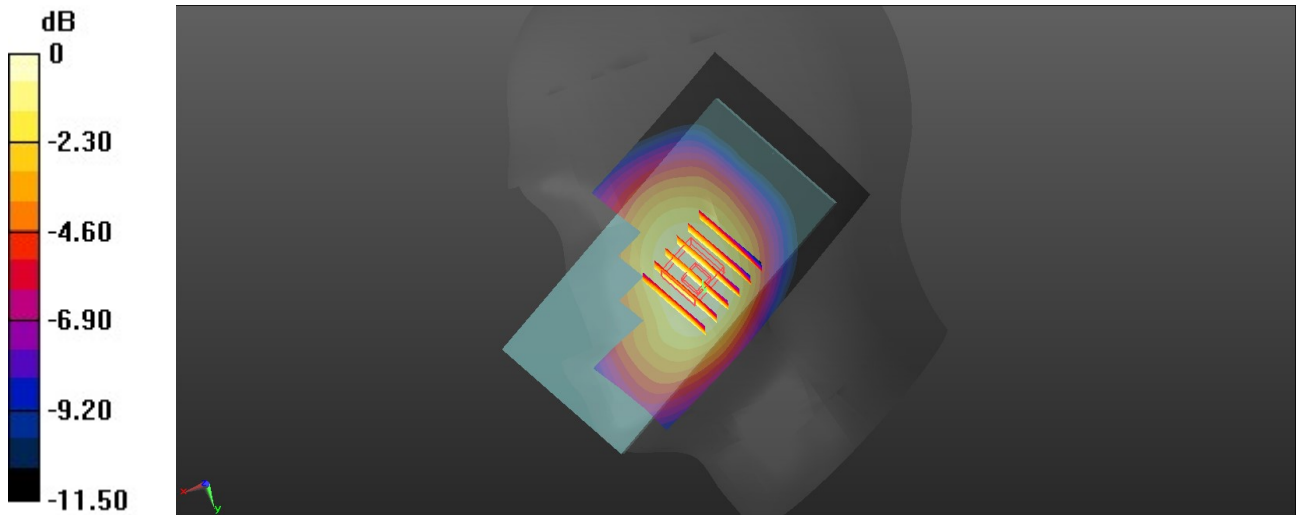
07_LTE Band 13_10M_QPSK_1RB_25Offset_Right Cheek_Ch23230

Communication System: UID 0, LTE (0); Frequency: 782 MHz;Duty Cycle: 1:1
Medium: HSL_750_210530 Medium parameters used: f = 782 MHz; σ = 0.914 S/m; ε_r = 40.272; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：22.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7641; ConvF(11.05, 11.05, 11.05); Calibrated: 2021/3/15
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1664; Calibrated: 2021/3/1
- Phantom: Twin-SAM V8.0 (Right); Type: QD 000 P41 AA; Serial: 2033
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Ch23230/Area Scan (71x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.300 W/kg

Ch23230/Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.030 V/m; Power Drift = -0.1dB
Peak SAR (extrapolated) = 0.312 W/kg
SAR(1 g) = 0.254 W/kg; SAR(10 g) = 0.200 W/kg
Maximum value of SAR (measured) = 0.292 W/kg



0 dB = 0.292 W/kg

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2021/6/2

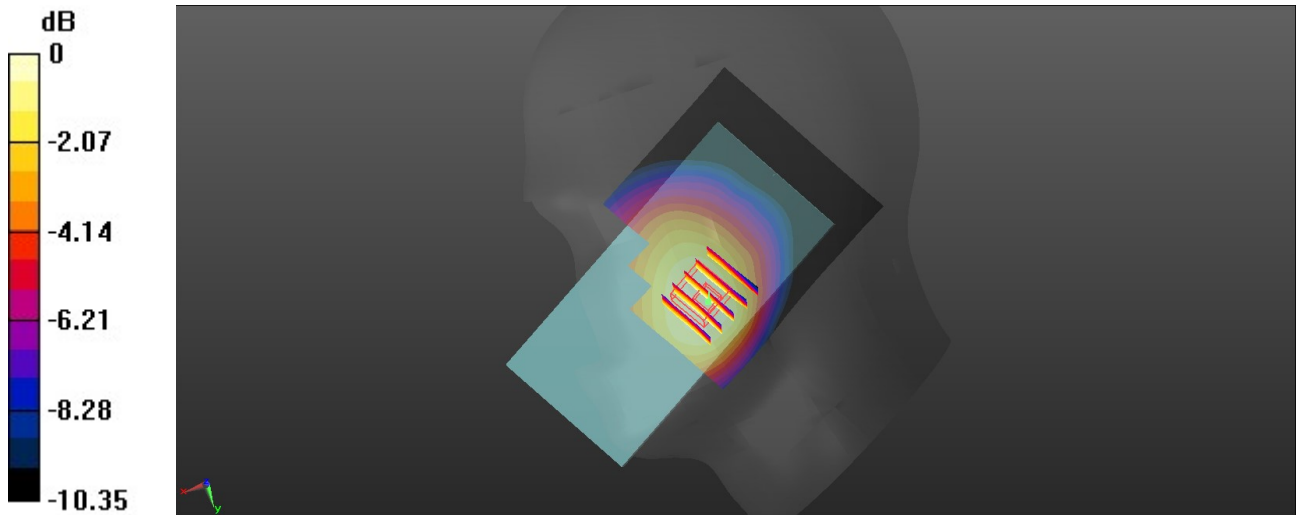
08_LTE Band 26_15M_QPSK_1RB_37Offset_Right Cheek_Ch26865

Communication System: UID 0, LTE (0); Frequency: 831.5 MHz;Duty Cycle: 1:1
Medium: HSL_835_210602 Medium parameters used: f = 831.5 MHz; σ = 0.913 S/m; ε_r = 41.068; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃; Liquid Temperature：22.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7641; ConvF(10.9, 10.9, 10.9); Calibrated: 2021/3/15
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1664; Calibrated: 2021/3/1
- Phantom: Twin-SAM V8.0 (Right); Type: QD 000 P41 AA; Serial: 2033
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Ch26865/Area Scan (71x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.403 W/kg

Ch26865/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.552 V/m; Power Drift = 0.10 dB
Peak SAR (extrapolated) = 0.427 W/kg
SAR(1 g) = 0.326 W/kg; SAR(10 g) = 0.274 W/kg
Maximum value of SAR (measured) = 0.394 W/kg



0 dB = 0.394 W/kg

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2021/6/4

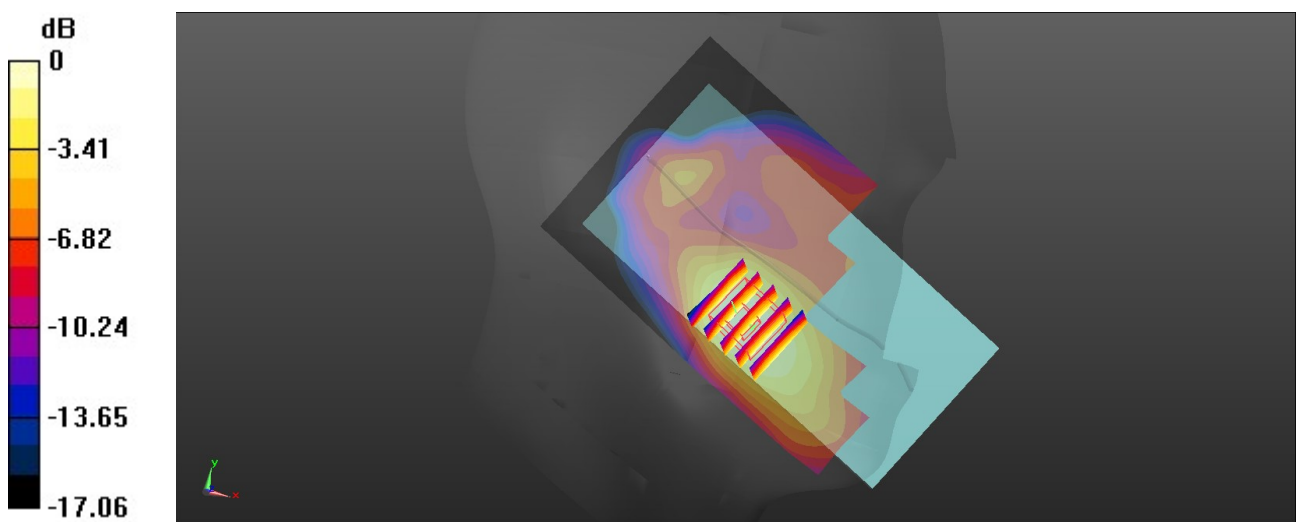
09_LTE Band 66_20M_QPSK_1RB_49Offset_Left Cheek_Ch132322

Communication System: UID 0, LTE (0); Frequency: 1745 MHz;Duty Cycle: 1:1
Medium: HSL_1750_210604 Medium parameters used: f = 1745 MHz; σ = 1.373 S/m; ε_r = 41.368; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：22.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7641; ConvF(9.41, 9.41, 9.41); Calibrated: 2021/3/15
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1664; Calibrated: 2021/3/1
- Phantom: Twin-SAM V8.0 (Right); Type: QD 000 P41 AA; Serial: 2033
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Ch132322/Area Scan (71x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.225 W/kg

Ch132322/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.521 V/m; Power Drift = 0.13 dB
Peak SAR (extrapolated) = 0.273 W/kg
SAR(1 g) = 0.174 W/kg; SAR(10 g) = 0.109 W/kg
Maximum value of SAR (measured) = 0.228 W/kg



0 dB = 0.228 W/kg

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2021/6/6

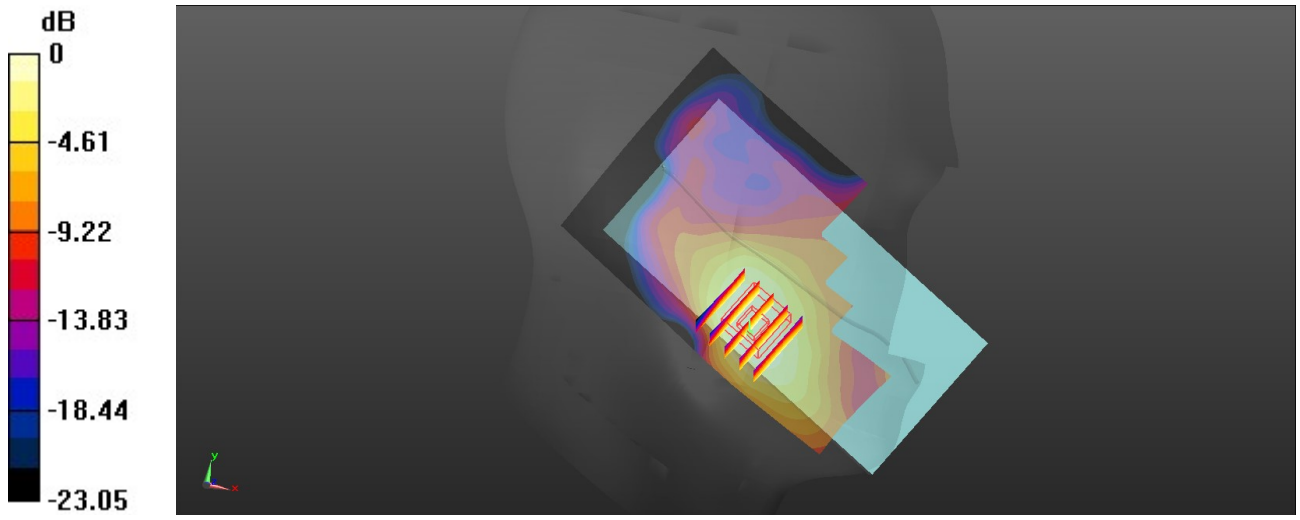
10_LTE Band 2_20M_QPSK_1RB_49Offset_Left Cheek_Ch19100

Communication System: UID 0, LTE (0); Frequency: 1900 MHz;Duty Cycle: 1:1
Medium: HSL_1900_210606 Medium parameters used: f = 1900 MHz; σ = 1.435 S/m; ε_r = 38.464; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：22.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7641; ConvF(9.05, 9.05, 9.05); Calibrated: 2021/3/15
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1664; Calibrated: 2021/3/1
- Phantom: Twin-SAM V8.0 (Right); Type: QD 000 P41 AA; Serial: 2033
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Ch19100/Area Scan (71x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.343 W/kg

Ch19100/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.635 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 0.387 W/kg
SAR(1 g) = 0.231 W/kg; SAR(10 g) = 0.139 W/kg
Maximum value of SAR (measured) = 0.323 W/kg



0 dB = 0.323 W/kg

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2021/6/10

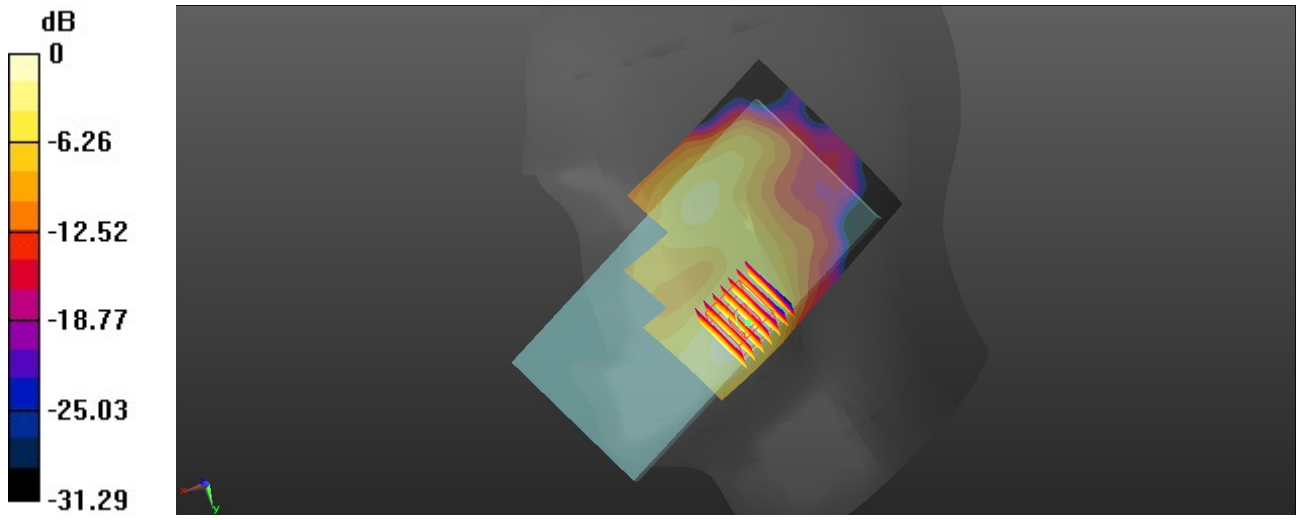
11_LTE Band 7_20M_QPSK_1RB_49Offset_Right Cheek_Ch21100

Communication System: UID 0, LTE (0); Frequency: 2535 MHz;Duty Cycle: 1:1
Medium: HSL_2600_210610 Medium parameters used: f = 2535 MHz; σ = 1.983 S/m; ε_r = 37.563; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：22.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7641; ConvF(7.94, 7.94, 7.94); Calibrated: 2021/3/15
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1664; Calibrated: 2021/3/1
- Phantom: Twin-SAM V8.0 (Right); Type: QD 000 P41 AA; Serial: 2033
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Ch21100/Area Scan (81x101x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.531 W/kg

Ch21100/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 3.056 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 0.636 W/kg
SAR(1 g) = 0.328 W/kg; SAR(10 g) = 0.169 W/kg
Maximum value of SAR (measured) = 0.513 W/kg



0 dB = 0.513 W/kg

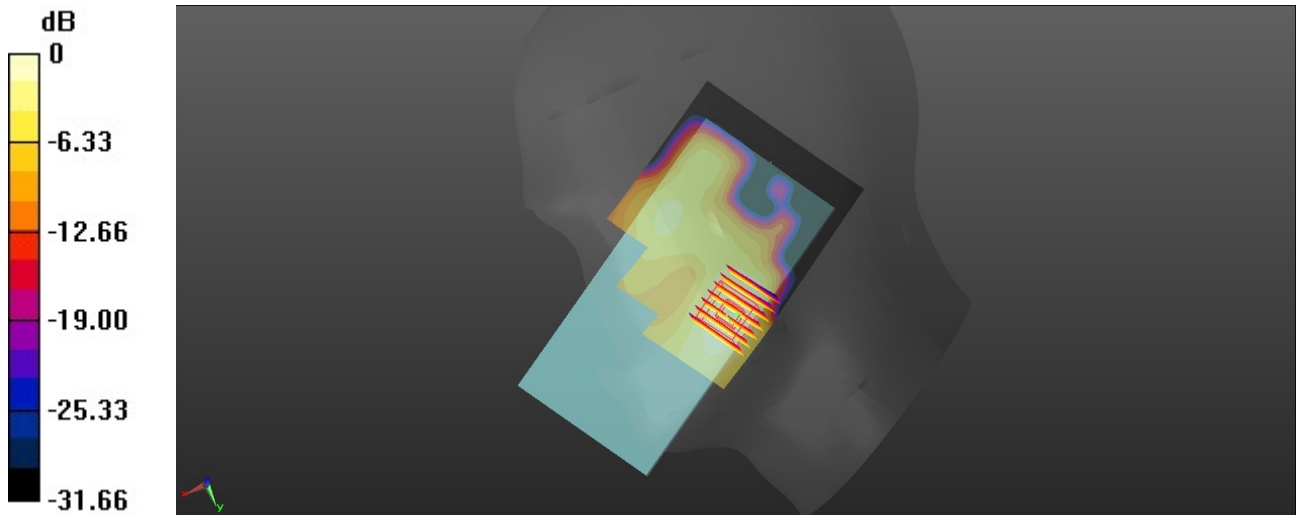
12_LTE Band 41_20M_QPSK_1RB_49Offset_Right Cheek_Ch40185

Communication System: UID 0, LTE (0); Frequency: 2549.5 MHz;Duty Cycle: 1:1.59
Medium: HSL_2600_210610 Medium parameters used: f = 2549.5 MHz; σ = 1.998 S/m; ε_r = 37.532; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：22.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7641; ConvF(7.94, 7.94, 7.94); Calibrated: 2021/3/15
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1664; Calibrated: 2021/3/1
- Phantom: Twin-SAM V8.0 (Right); Type: QD 000 P41 AA; Serial: 2033
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Ch40185/Area Scan (81x101x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.198 W/kg

Ch40185/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 1.805 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 0.231 W/kg
SAR(1 g) = 0.118 W/kg; SAR(10 g) = 0.061 W/kg
Maximum value of SAR (measured) = 0.184 W/kg



0 dB = 0.184 W/kg

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2021/6/19

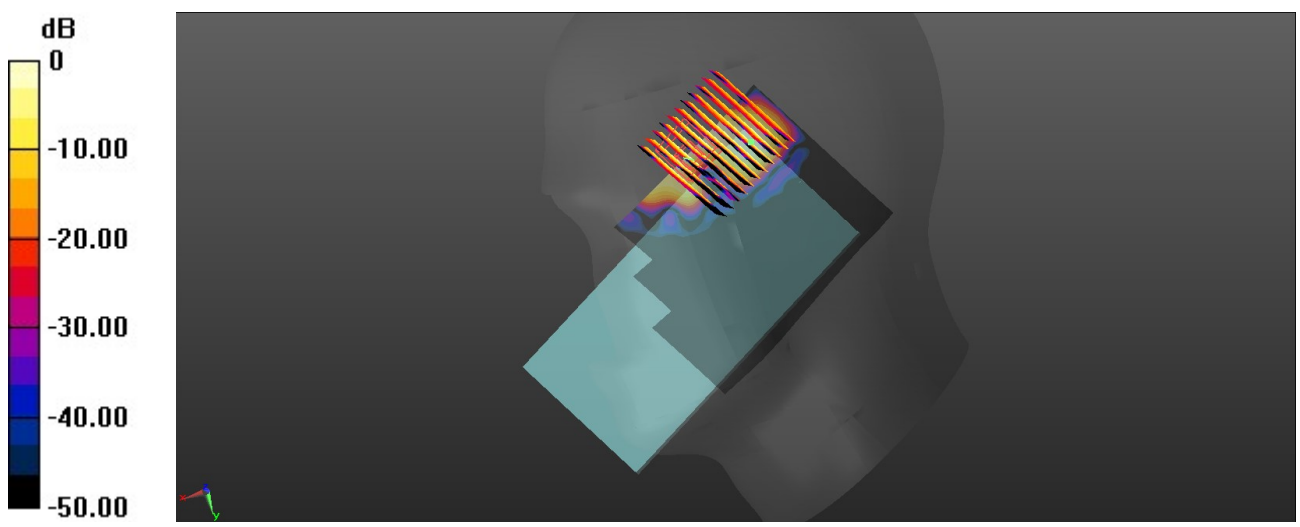
13_LTE Band 42_20M_QPSK_1RB_49Offset_Right Cheek_Ch42190

Communication System: UID 0, LTE (0); Frequency: 3460 MHz;Duty Cycle: 1:1.59
Medium: HSL_3500_210619 Medium parameters used: f = 3460 MHz; σ = 2.834 S/m; ε_r = 39.875; ρ = 1000 kg/m^3
Ambient Temperature：23.8 ℃; Liquid Temperature：22.8 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7641; ConvF(7.4, 7.4, 7.4); Calibrated: 2021/3/15
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1664; Calibrated: 2021/3/1
- Phantom: Twin-SAM V8.0 (Right); Type: QD 000 P41 AA; Serial: 2033
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Ch42190/Area Scan (81x101x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.221 W/kg

Ch42190/Zoom Scan (11x11x8)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=1.4mm
Reference Value = 2.593 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 0.272 W/kg
SAR(1 g) = 0.103 W/kg; SAR(10 g) = 0.034 W/kg
Maximum value of SAR (measured) = 0.201 W/kg



0 dB = 0.201 W/kg

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2021/7/6

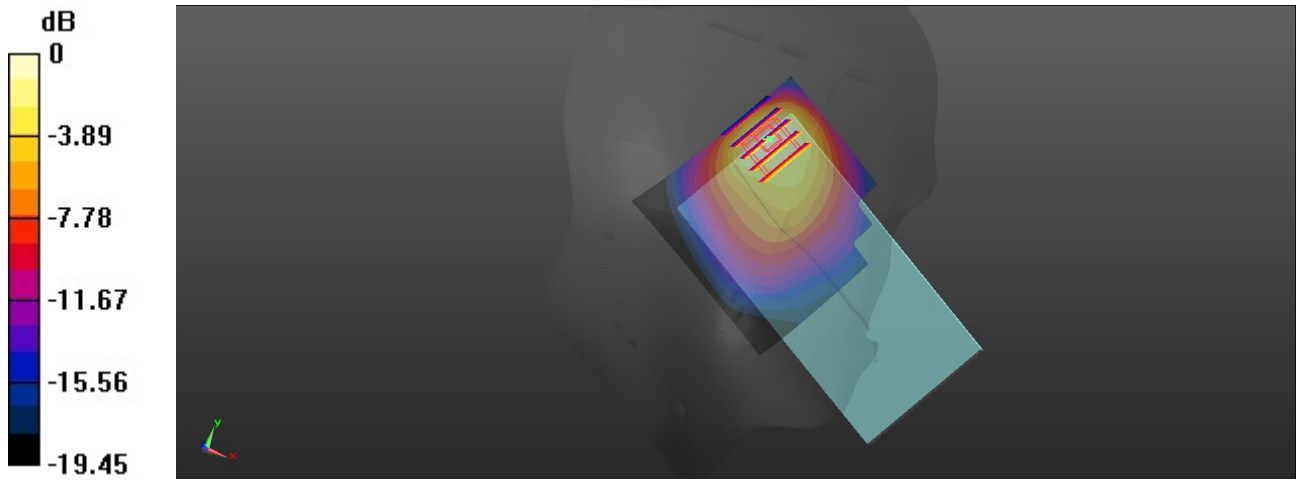
14_N5_20M_BPSK_1RB_1Offset_DFT-15_Left Cheek_Ch167300

Communication System: UID 0, 5G NR (0); Frequency: 836.5 MHz;Duty Cycle: 1:1
Medium: HSL_835_210706 Medium parameters used: f = 836.5 MHz; σ = 0.93 S/m; ε_r = 41.777; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃; Liquid Temperature：22.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7641; ConvF(10.9, 10.9, 10.9); Calibrated: 2021/3/15
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1664; Calibrated: 2021/3/1
- Phantom: Twin-SAM V8.0 (Right); Type: QD 000 P41 AA; Serial: 2033
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Ch167300/Area Scan (71x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.65 W/kg

Ch167300/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 22.37 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 1.75 W/kg
SAR(1 g) = 0.629 W/kg; SAR(10 g) = 0.359 W/kg
Maximum value of SAR (measured) = 1.12 W/kg



0 dB = 1.12 W/kg