Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2016/10/27

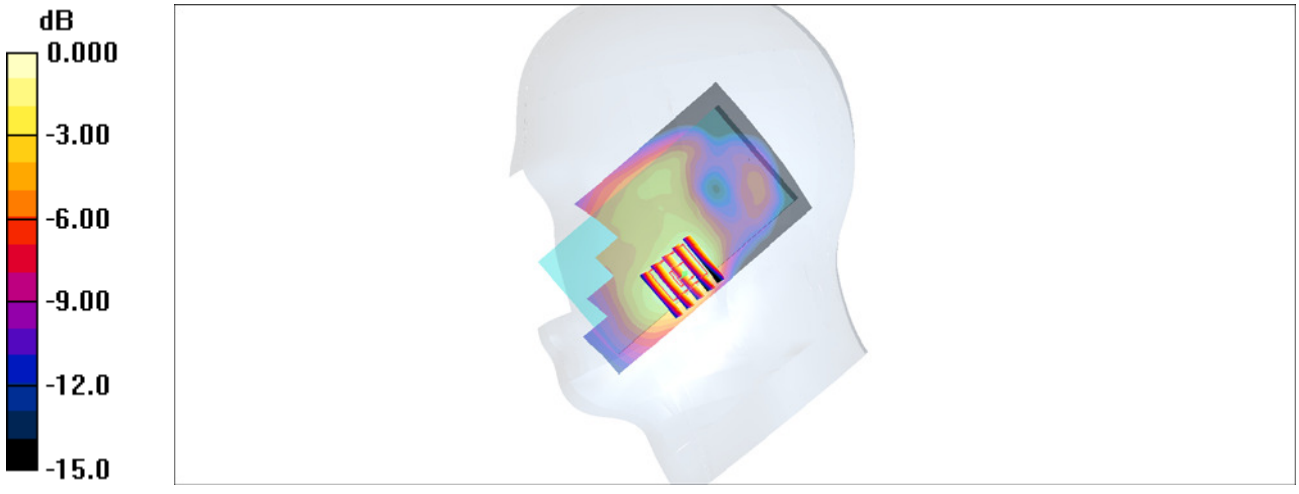
#01_GSM1900_GPRS (1 Tx slot)_Right Cheek_Ch661

Communication System: PCS; Frequency: 1880 MHz;Duty Cycle: 1:8.3
Medium: HSL_1900_161027 Medium parameters used: f = 1880 MHz; σ = 1.39 mho/m; ε_r = 41.7; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃; Liquid Temperature：22.6 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3925; ConvF(8.3, 8.3, 8.3); Calibrated: 2016/5/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2016/5/27
- Phantom: SAM_Right; Type: QD000P40CD; Serial: TP:1383
- ;Postprocessing SW: SEMCAD, V1.8 Build 159

Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.443 mW/g

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 14.5 V/m; Power Drift = 0.025 dB
Peak SAR (extrapolated) = 0.474 W/kg
SAR(1 g) = 0.306 mW/g; SAR(10 g) = 0.193 mW/g
Maximum value of SAR (measured) = 0.415 mW/g



0 dB = 0.415mW/g

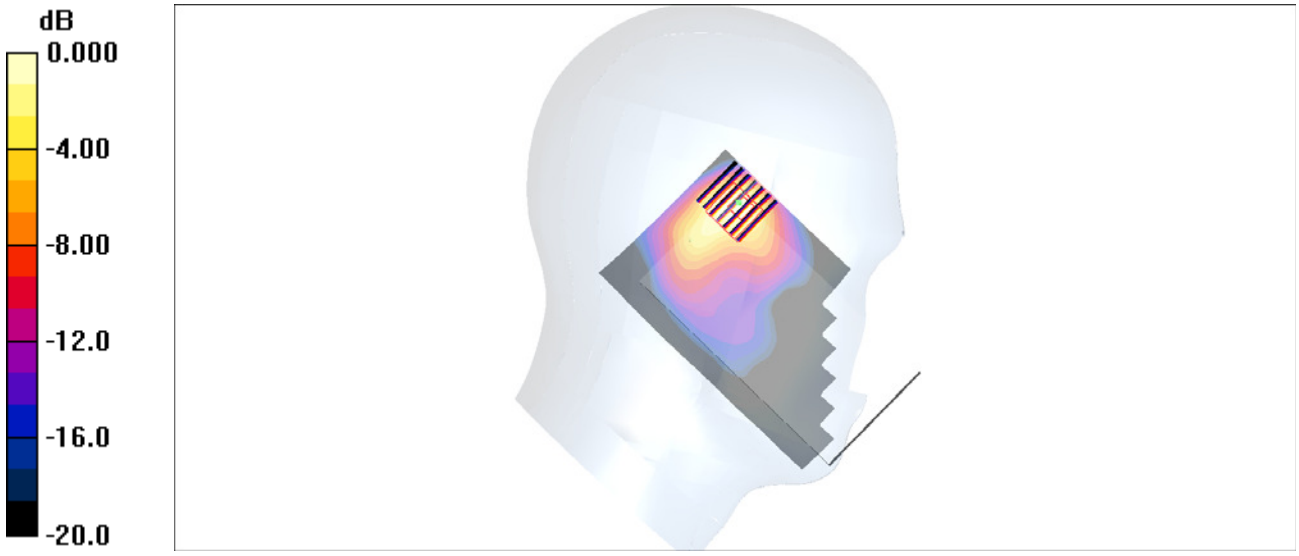
#02_WLAN2.4GHz_802.11b 1Mbps_Left Cheek_Ch11

Communication System: 802.11b ; Frequency: 2462 MHz;Duty Cycle: 1:1.024
Medium: HSL_2450_161112 Medium parameters used: f = 2462 MHz; σ = 1.79 mho/m; ε_r = 39.6; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：22.4 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3931; ConvF(7.6, 7.6, 7.6); Calibrated: 2016/10/3
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2016/9/28
- Phantom: SAM_Right; Type: QD000P40CD; Serial: TP:1383
- ;Postprocessing SW: SEMCAD, V1.8 Build 159

Area Scan (81x141x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (interpolated) = 1.38 mW/g

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 21.1 V/m; Power Drift = -0.076 dB
Peak SAR (extrapolated) = 1.62 W/kg
SAR(1 g) = 0.621 mW/g; SAR(10 g) = 0.301 mW/g
Maximum value of SAR (measured) = 1.20 mW/g



0 dB = 1.20mW/g

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2016/11/11

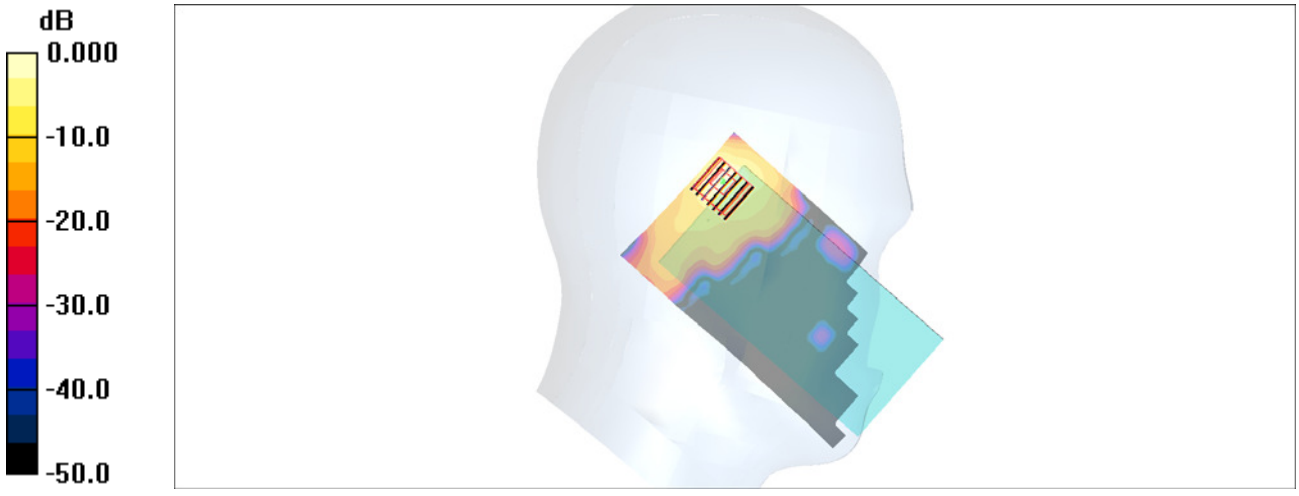
#03_WLAN5GHz_802.11n-HT40 MCS0_Left Tilted_Ch54

Communication System: 802.11n; Frequency: 5270 MHz;Duty Cycle: 1:1.157
Medium: HSL_5G_161111 Medium parameters used: f = 5270 MHz; σ = 4.53 mho/m; ε_r = 34.9; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：22.3 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3931; ConvF(5.38, 5.38, 5.38); Calibrated: 2016/10/3
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2016/9/28
- Phantom: SAM_Right; Type: QD000P40CD; Serial: TP:1383
- ;Postprocessing SW: SEMCAD, V1.8 Build 159

Area Scan (91x171x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 1.02 mW/g

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 17.6 V/m; Power Drift = -0.060 dB
Peak SAR (extrapolated) = 2.24 W/kg
SAR(1 g) = 0.461 mW/g; SAR(10 g) = 0.112 mW/g
Maximum value of SAR (measured) = 1.24 mW/g



0 dB = 1.24mW/g

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2016/11/11

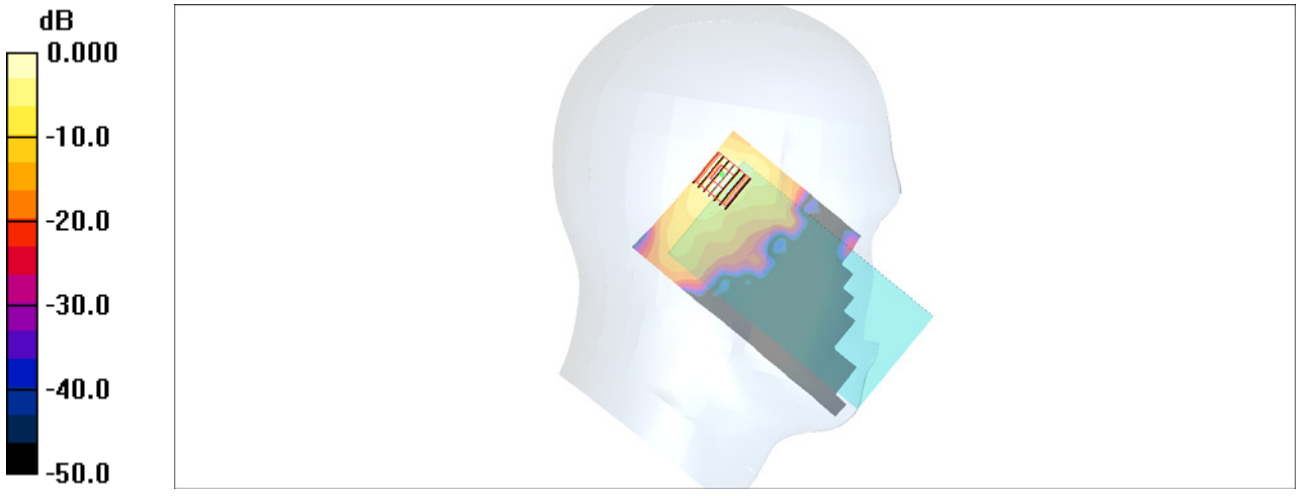
#04_WLAN5GHz_802.11n-HT40 MCS0_Left Tilted_Ch102

Communication System: 802.11n; Frequency: 5510 MHz;Duty Cycle: 1:1.157
Medium: HSL_5G_161111 Medium parameters used: f = 5510 MHz; σ = 4.75 mho/m; ε_r = 34.6; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：22.3 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3931; ConvF(4.68, 4.68, 4.68); Calibrated: 2016/10/3
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2016/9/28
- Phantom: SAM_Right; Type: QD000P40CD; Serial: TP:1383
- ;Postprocessing SW: SEMCAD, V1.8 Build 159

Area Scan (91x171x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 1.36 mW/g

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 6.66 V/m; Power Drift = -0.022 dB
Peak SAR (extrapolated) = 2.74 W/kg
SAR(1 g) = 0.589 mW/g; SAR(10 g) = 0.154 mW/g
Maximum value of SAR (measured) = 1.46 mW/g



0 dB = 1.46mW/g

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2016/11/11

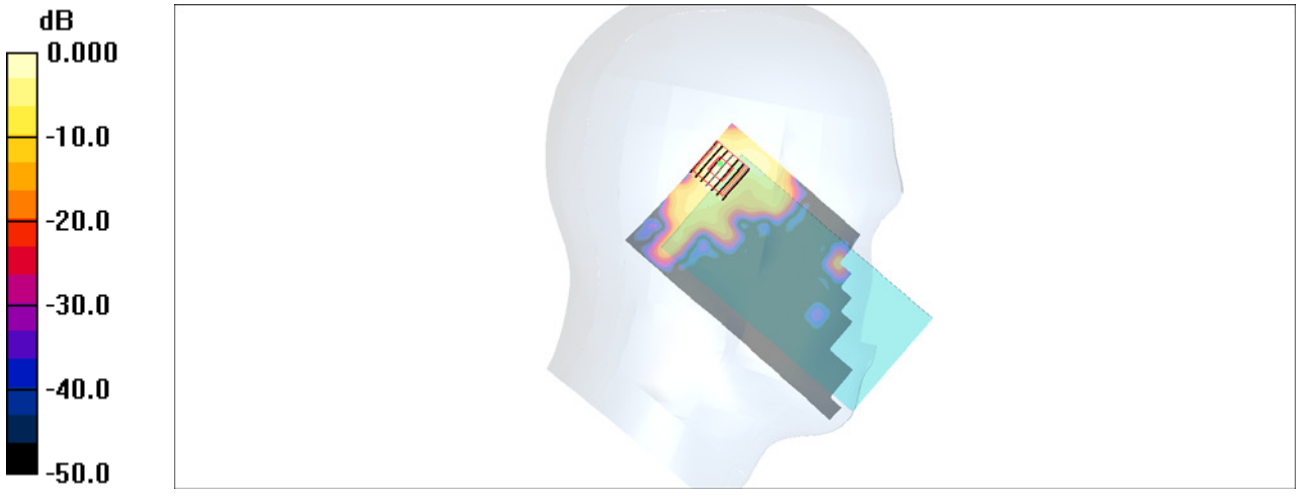
#05_WLAN5GHz_802.11n-HT40 MCS0_Left Tilted_Ch159

Communication System: 802.11n; Frequency: 5795 MHz;Duty Cycle: 1:1.157
Medium: HSL_5G_161111 Medium parameters used: f = 5795 MHz; σ = 5.03 mho/m; ε_r = 34.3; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：22.3 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3931; ConvF(4.84, 4.84, 4.84); Calibrated: 2016/10/3
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2016/9/28
- Phantom: SAM_Right; Type: QD000P40CD; Serial: TP:1383
- ;Postprocessing SW: SEMCAD, V1.8 Build 159

Area Scan (91x171x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.393 mW/g

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 4.25 V/m; Power Drift = 0.127 dB
Peak SAR (extrapolated) = 1.02 W/kg
SAR(1 g) = 0.158 mW/g; SAR(10 g) = 0.039 mW/g
Maximum value of SAR (measured) = 0.481 mW/g



0 dB = 0.481mW/g

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2016/10/28

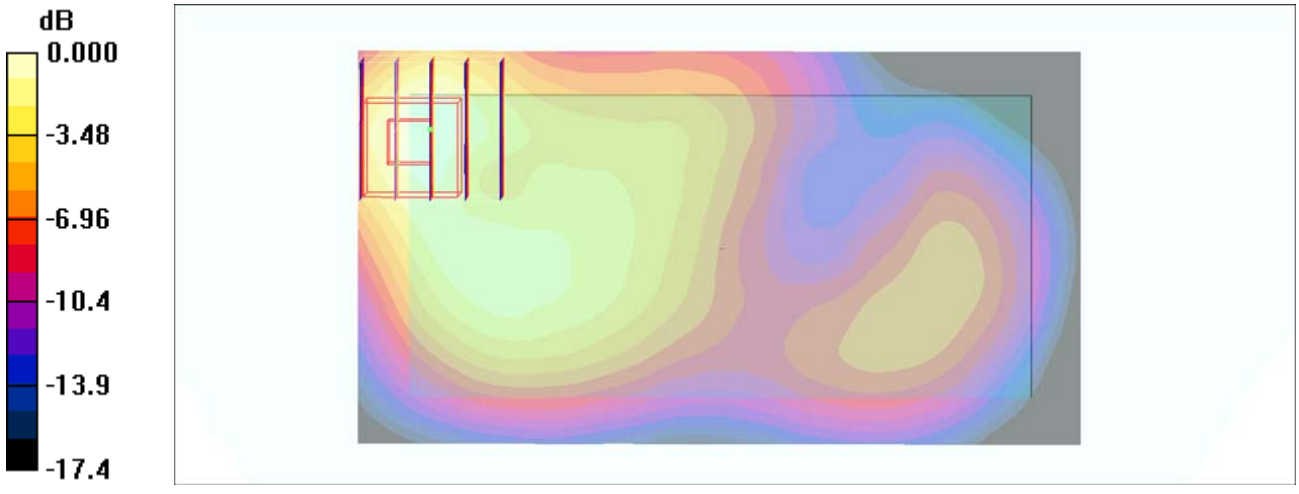
#06_GSM1900_GPRS (1 Tx slot)_Front_10mm_Ch661

Communication System: PCS; Frequency: 1880 MHz;Duty Cycle: 1:8.3
Medium: MSL_1900_161028 Medium parameters used: f = 1880 MHz; σ = 1.49 mho/m; ε_r = 53.4; ρ = 1000 kg/m^3
Ambient Temperature：23.9 ℃; Liquid Temperature：22.9 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3925; ConvF(8, 8, 8); Calibrated: 2016/5/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2016/5/27
- Phantom: SAM_Right; Type: QD000P40CD; Serial: TP:1383
- ;Postprocessing SW: SEMCAD, V1.8 Build 159

Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.827 mW/g

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 20.5 V/m; Power Drift = 0.029 dB
Peak SAR (extrapolated) = 0.968 W/kg
SAR(1 g) = 0.542 mW/g; SAR(10 g) = 0.295 mW/g
Maximum value of SAR (measured) = 0.785 mW/g



0 dB = 0.785mW/g

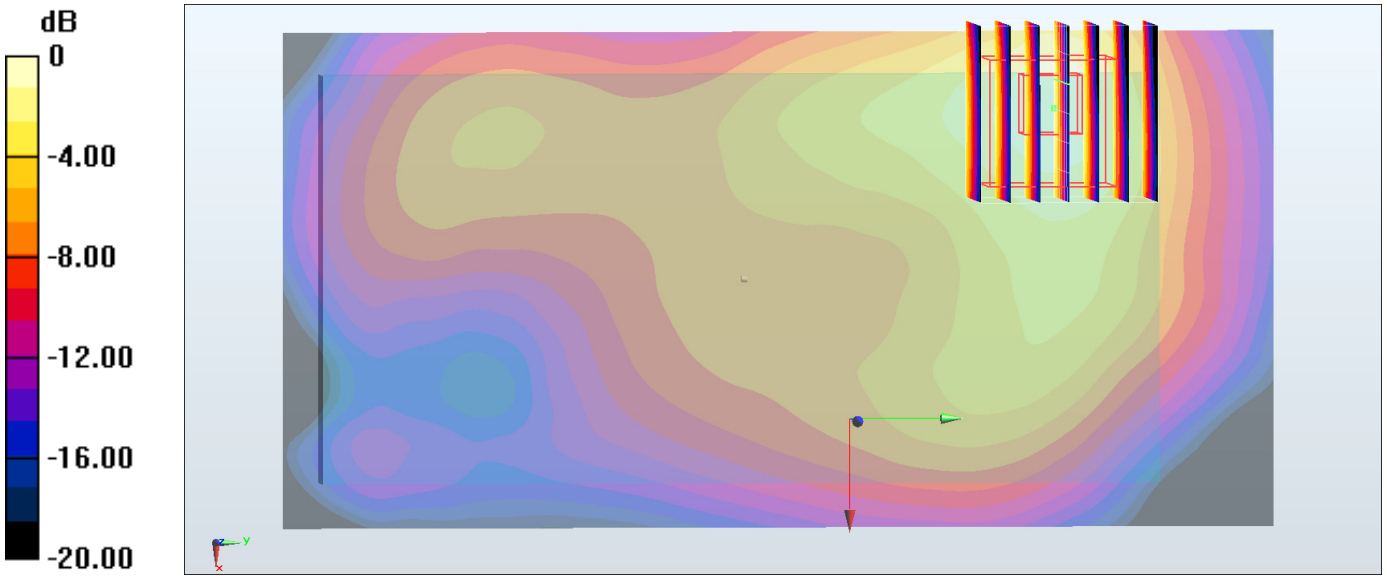
#07_WLAN2.4GHz_802.11b 1Mbps_Back_10mm_Ch1

Communication System: 802.11b ; Frequency: 2412 MHz;Duty Cycle: 1:1.024
Medium: MSL_2450_161108 Medium parameters used: f = 2412 MHz; σ = 1.933 S/m; ε_r = 54.591; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃; Liquid Temperature：22.6 ℃

DASY5 Configuration
- Probe: EX3DV4 - SN3931; ConvF(7.73, 7.73, 7.73); Calibrated: 2016/10/3;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2016/9/28
- Phantom: SAM_Right; Type: QD000P40CD; Serial: S/N:1801
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

Area Scan (71x141x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.294 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 10.14 V/m; Power Drift = -0.13 dB
Peak SAR (extrapolated) = 0.358 W/kg
SAR(1 g) = 0.167 W/kg; SAR(10 g) = 0.086 W/kg
Maximum value of SAR (measured) = 0.273 W/kg



0 dB = 0.273 W/kg = -5.64 dBW/kg

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2016/10/28

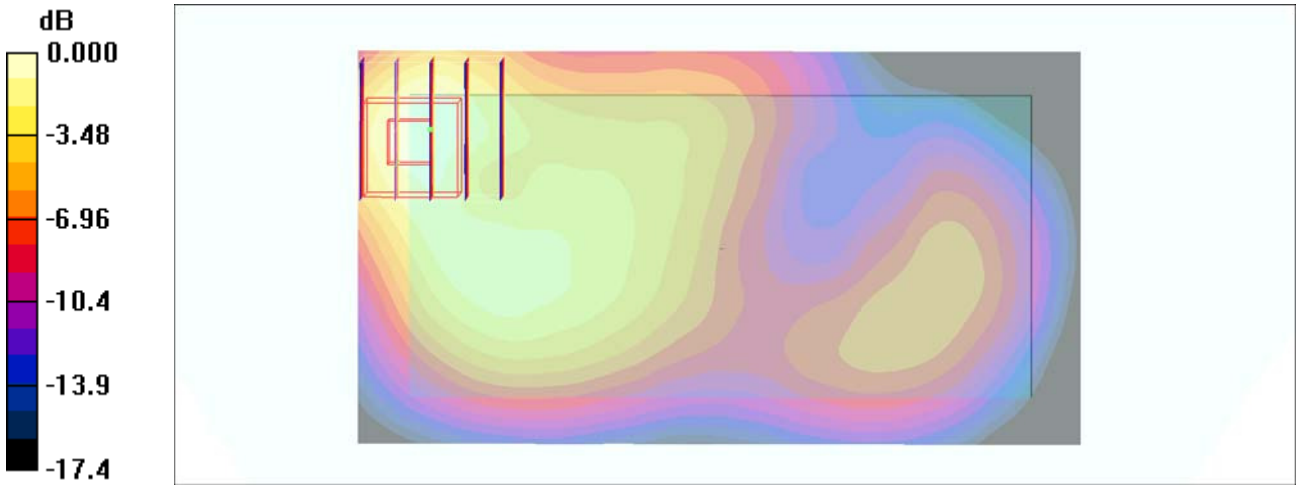
#08_GSM1900_GPRS (1 Tx slot)_Front_10mm_Ch661

Communication System: PCS; Frequency: 1880 MHz;Duty Cycle: 1:8.3
Medium: MSL_1900_161028 Medium parameters used: f = 1880 MHz; σ = 1.49 mho/m; ε_r = 53.4; ρ = 1000 kg/m^3
Ambient Temperature：23.9 ℃; Liquid Temperature：22.9 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3925; ConvF(8, 8, 8); Calibrated: 2016/5/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2016/5/27
- Phantom: SAM_Right; Type: QD000P40CD; Serial: TP:1383
- ;Postprocessing SW: SEMCAD, V1.8 Build 159

Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.827 mW/g

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 20.5 V/m; Power Drift = 0.029 dB
Peak SAR (extrapolated) = 0.968 W/kg
SAR(1 g) = 0.542 mW/g; SAR(10 g) = 0.295 mW/g
Maximum value of SAR (measured) = 0.785 mW/g



0 dB = 0.785mW/g

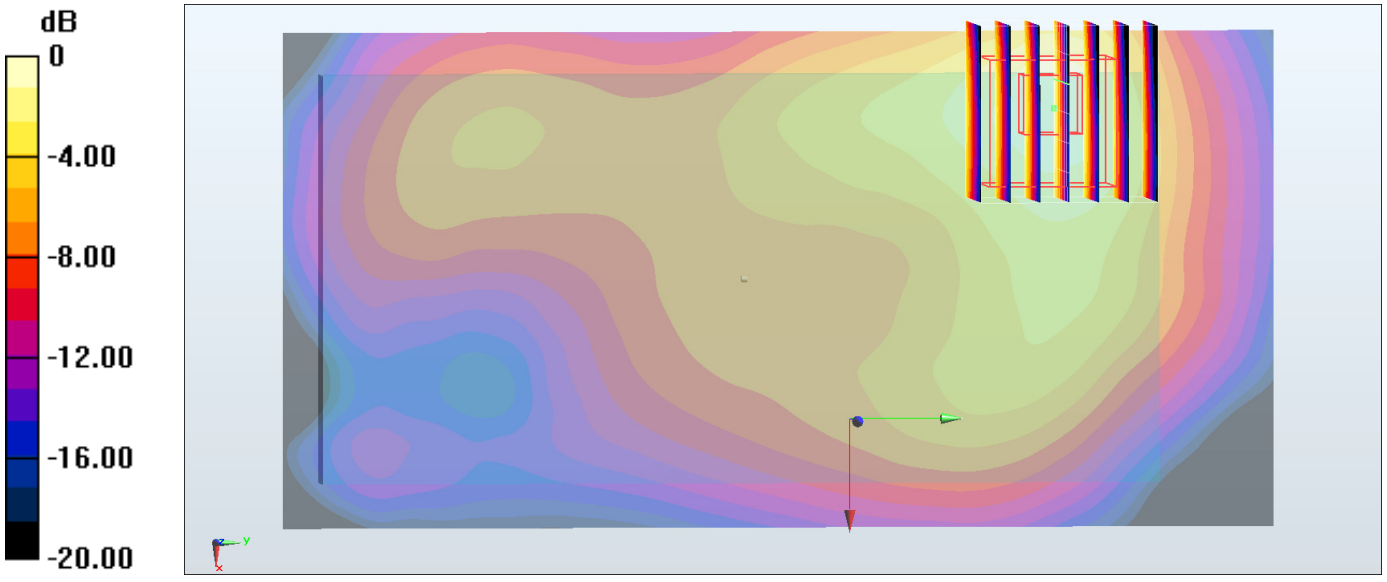
#09_WLAN2.4GHz_802.11b 1Mbps_Back_10mm_Ch1

Communication System: 802.11b ; Frequency: 2412 MHz;Duty Cycle: 1:1.024
Medium: MSL_2450_161108 Medium parameters used: f = 2412 MHz; σ = 1.933 S/m; ε_r = 54.591; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃; Liquid Temperature：22.6 ℃

DASY5 Configuration
- Probe: EX3DV4 - SN3931; ConvF(7.73, 7.73, 7.73); Calibrated: 2016/10/3;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2016/9/28
- Phantom: SAM_Right; Type: QD000P40CD; Serial: S/N:1801
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

Area Scan (71x141x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.294 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 10.14 V/m; Power Drift = -0.13 dB
Peak SAR (extrapolated) = 0.358 W/kg
SAR(1 g) = 0.167 W/kg; SAR(10 g) = 0.086 W/kg
Maximum value of SAR (measured) = 0.273 W/kg



0 dB = 0.273 W/kg = -5.64 dBW/kg

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2016/11/12

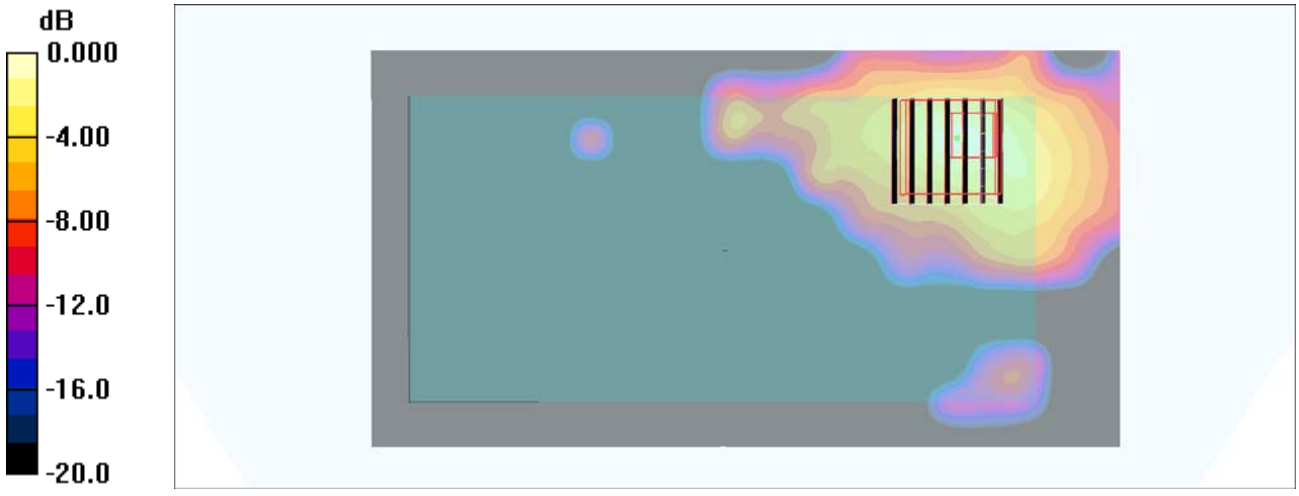
#10_WLAN5GHz_802.11n-HT40 MCS0_Back_10mm_Ch54

Communication System: 802.11n; Frequency: 5270 MHz;Duty Cycle: 1:1.157
Medium: MSL_5G_161112 Medium parameters used: f = 5270 MHz; σ = 5.54 mho/m; ε_r = 47.4; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：22.4 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3931; ConvF(4.57, 4.57, 4.57); Calibrated: 2016/10/3
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2016/9/28
- Phantom: SAM_Right; Type: QD000P40CD; Serial: TP:1383
- ;Postprocessing SW: SEMCAD, V1.8 Build 159

Area Scan (91x171x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.202 mW/g

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 1.23 V/m; Power Drift = -0.082 dB
Peak SAR (extrapolated) = 0.368 W/kg
SAR(1 g) = 0.083 mW/g; SAR(10 g) = 0.025 mW/g
Maximum value of SAR (measured) = 0.239 mW/g



0 dB = 0.239mW/g

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2016/11/12

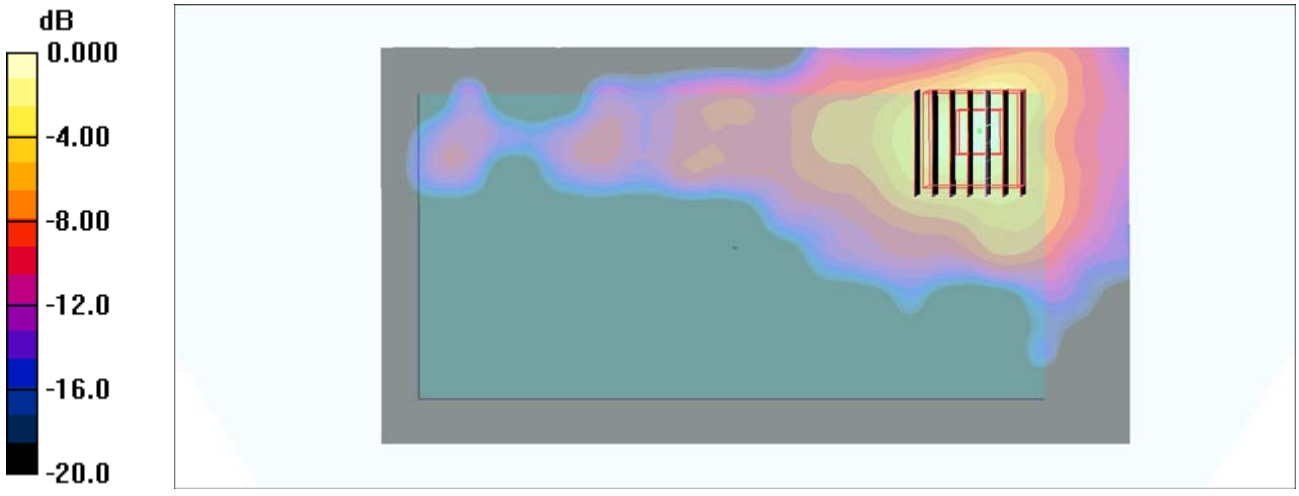
#11_WLAN5GHz_802.11n-HT40 MCS0_Back_10mm_Ch102

Communication System: 802.11n; Frequency: 5510 MHz;Duty Cycle: 1:1.157
Medium: MSL_5G_161112 Medium parameters used: f = 5510 MHz; σ = 5.85 mho/m; ε_r = 47; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：22.4 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3931; ConvF(3.71, 3.71, 3.71); Calibrated: 2016/10/3
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2016/9/28
- Phantom: SAM_Right; Type: QD000P40CD; Serial: TP:1383
- ;Postprocessing SW: SEMCAD, V1.8 Build 159

Area Scan (91x171x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.422 mW/g

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 1.13 V/m; Power Drift = -0.09 dB
Peak SAR (extrapolated) = 0.745 W/kg
SAR(1 g) = 0.188 mW/g; SAR(10 g) = 0.057 mW/g
Maximum value of SAR (measured) = 0.492 mW/g



0 dB = 0.492mW/g

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2016/11/12

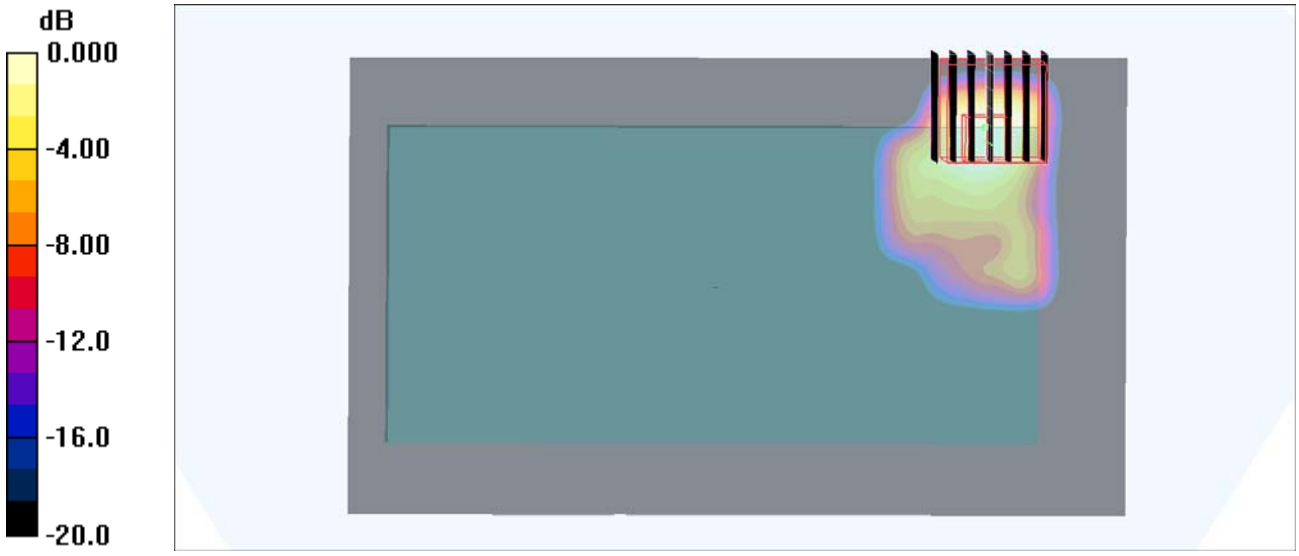
#12_WLAN5GHz_802.11n-HT40 MCS0_Back_10mm_Ch159

Communication System: 802.11n; Frequency: 5795 MHz;Duty Cycle: 1:1.157
Medium: MSL_5G_161112 Medium parameters used: f = 5795 MHz; σ = 6.23 mho/m; ε_r = 46.5; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：22.4 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3931; ConvF(4.01, 4.01, 4.01); Calibrated: 2016/10/3
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2016/9/28
- Phantom: SAM_Right; Type: QD000P40CD; Serial: TP:1383
- ;Postprocessing SW: SEMCAD, V1.8 Build 159

Area Scan (101x171x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.376 mW/g

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 3.71 V/m; Power Drift = 0.116 dB
Peak SAR (extrapolated) = 0.405 W/kg
SAR(1 g) = 0.085 mW/g; SAR(10 g) = 0.020 mW/g
Maximum value of SAR (measured) = 0.257 mW/g



0 dB = 0.257mW/g