Appendix B. Plots of High SAR Measurement

The plots are shown as follows.

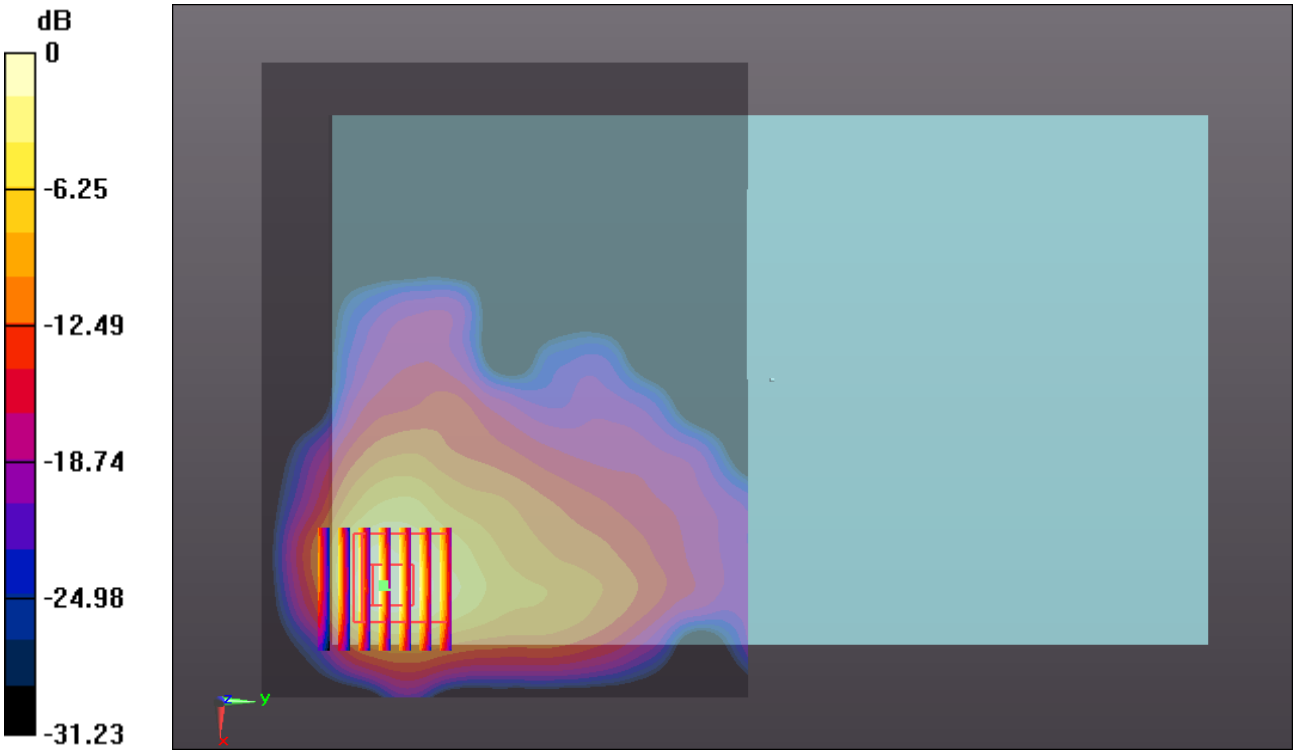
#01_WLAN 2.4GHz_802.11b_1M_Bottom Face 0cm_Ch11

Communication System: WIFI (0); Frequency: 2462 MHz;Duty Cycle: 1:1
Medium: MSL_2450_170421 Medium parameters used: f = 2462 MHz; σ = 1.956 mho/m; ε_r = 50.878; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.8 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(7, 7, 7); Calibrated: 2013.06.20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2013.06.19
- Phantom: SAM3; Type: SAM; Serial: TP-1079
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.4.5 (3634)

Ch11/Area Scan (131x101x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (interpolated) = 1.919 mW/g

Ch11/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 0.873 V/m; Power Drift = 0.10 dB
Peak SAR (extrapolated) = 2.483 W/kg
SAR(1 g) = 1.080 mW/g; SAR(10 g) = 0.471 mW/g
Maximum value of SAR (measured) = 1.706 mW/g



0 dB = 1.710mW/g

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2014.05.05

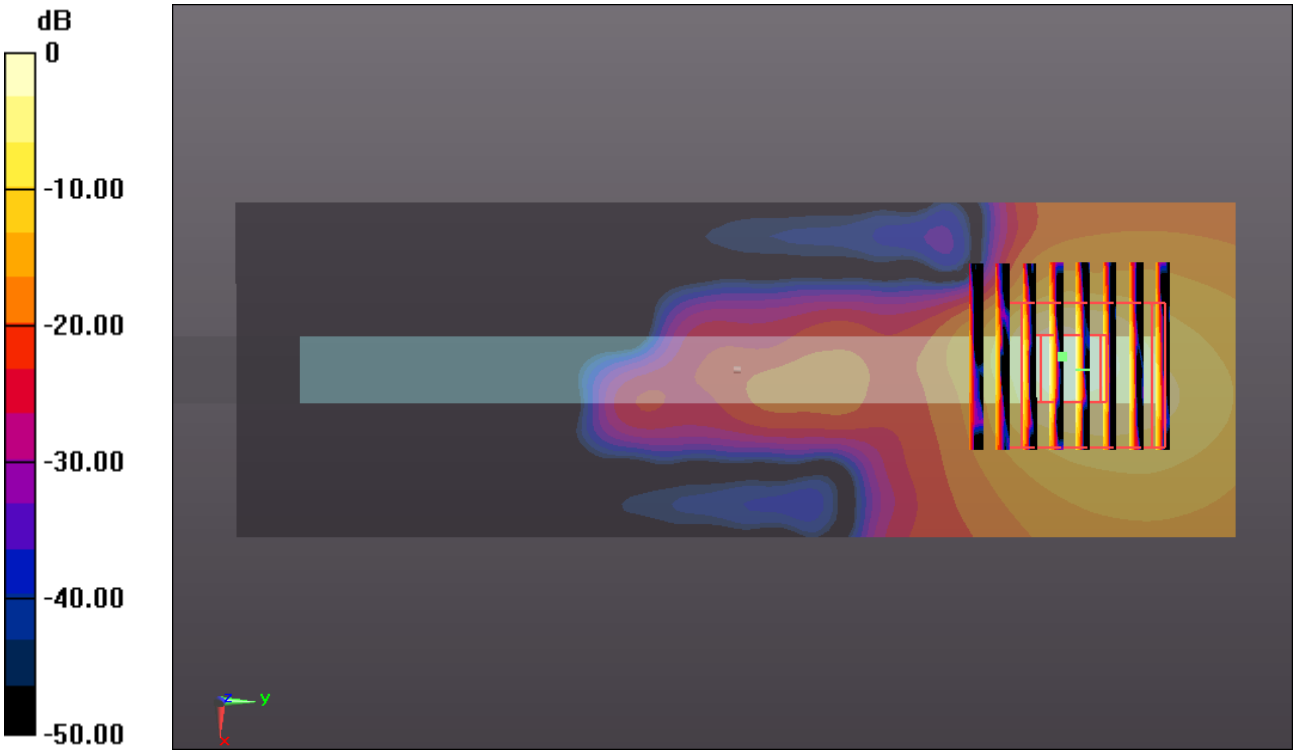
#02_WLAN 5.8GHz_802.11a_6M_Edge3 0cm_Ch165

Communication System: WIFI (0); Frequency: 5825 MHz;Duty Cycle: 1:1.070
Medium: MSL_5000_140505 Medium parameters used: f = 5825 MHz; σ = 6.21 mho/m; ε_r = 46.386; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃； Liquid Temperature：22.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(4.48, 4.48, 4.48); Calibrated: 2013.06.20
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2013.06.19
- Phantom: SAM3; Type: SAM; Serial: TP-1079
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.4.5 (3634)

Ch165/Area Scan (51x151x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 3.130 mW/g

Ch165/Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 1.100 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 6.766 W/kg
SAR(1 g) = 1.250 mW/g; SAR(10 g) = 0.300 mW/g
Maximum value of SAR (measured) = 3.668 mW/g



0 dB = 3.670mW/g

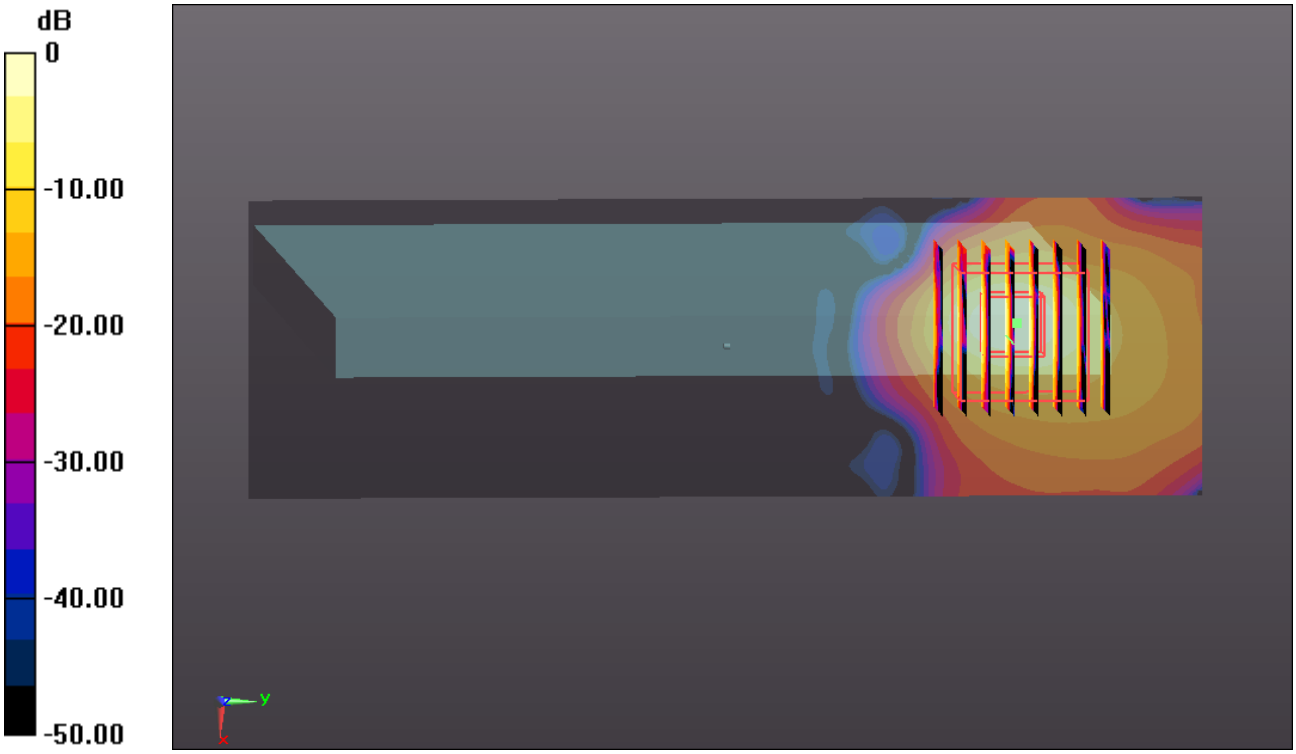
#03_WLAN 5.2GHz_802.11ac_VTH80_MCS0_Edge3 0cm_Ch42

Communication System: WIFI (0); Frequency: 5210 MHz;Duty Cycle: 1:1.313
Medium: MSL_5000_140505 Medium parameters used: f = 5210 MHz; σ = 5.303 mho/m; ε_r = 48.742; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：22.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(4.62, 4.62, 4.62); Calibrated: 2013.06.20
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2013.06.19
- Phantom: SAM3; Type: SAM; Serial: TP-1079
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.4.5 (3634)

Ch42/Area Scan (51x161x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 2.739 mW/g

Ch42/Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 0 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 4.942 W/kg
SAR(1 g) = 0.966 mW/g; SAR(10 g) = 0.209 mW/g
Maximum value of SAR (measured) = 2.528 mW/g



0 dB = 2.530mW/g

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2014.05.05

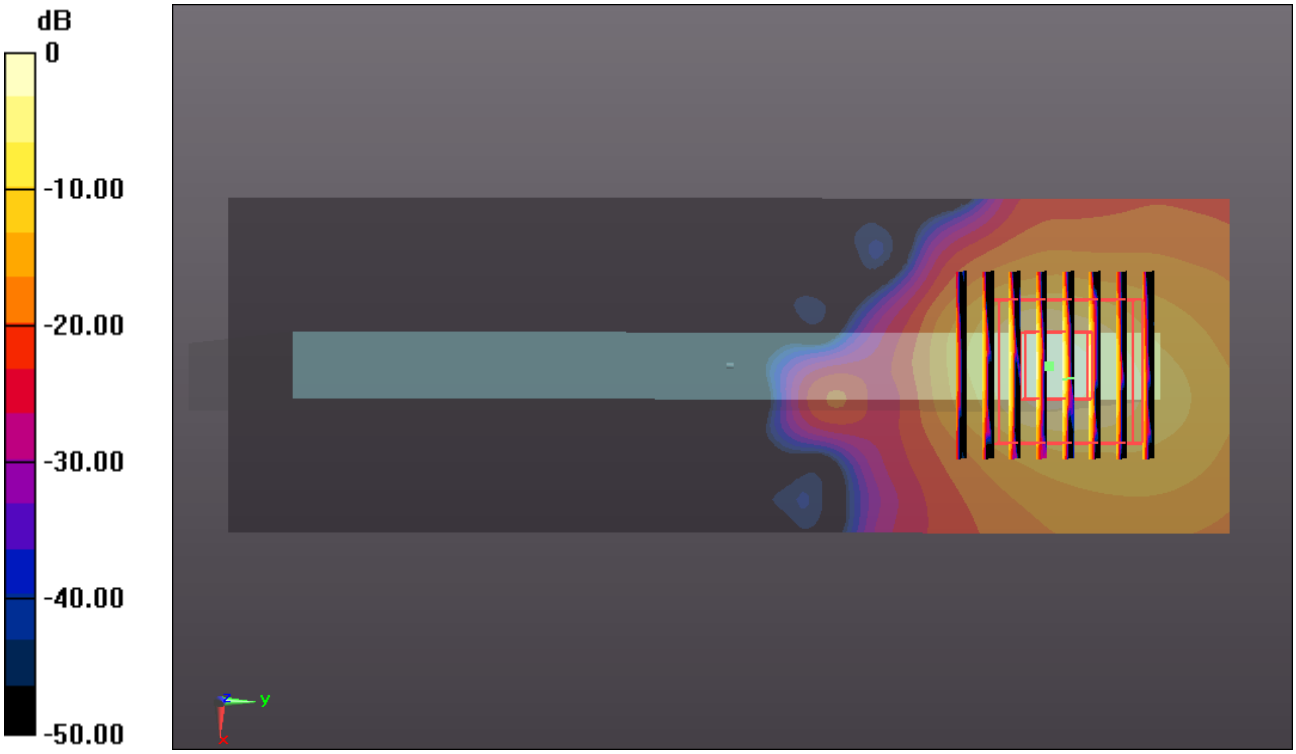
#04_WLAN 5.3GHz_802.11a_6M_Edge3 0cm_Ch52

Communication System: WIFI (0); Frequency: 5260 MHz;Duty Cycle: 1:1.070
Medium: MSL_5000_140505 Medium parameters used: f = 5260 MHz; σ = 5.379 mho/m; ε_r = 48.662; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：22.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(4.35, 4.35, 4.35); Calibrated: 2013.06.20
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2013.06.19
- Phantom: SAM3; Type: SAM; Serial: TP-1079
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.4.5 (3634)

Ch52/Area Scan (51x151x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 2.718 mW/g

Ch52/Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 0 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 5.942 W/kg
SAR(1 g) = 1.240 mW/g; SAR(10 g) = 0.283 mW/g
Maximum value of SAR (measured) = 3.132 mW/g



0 dB = 3.130mW/g

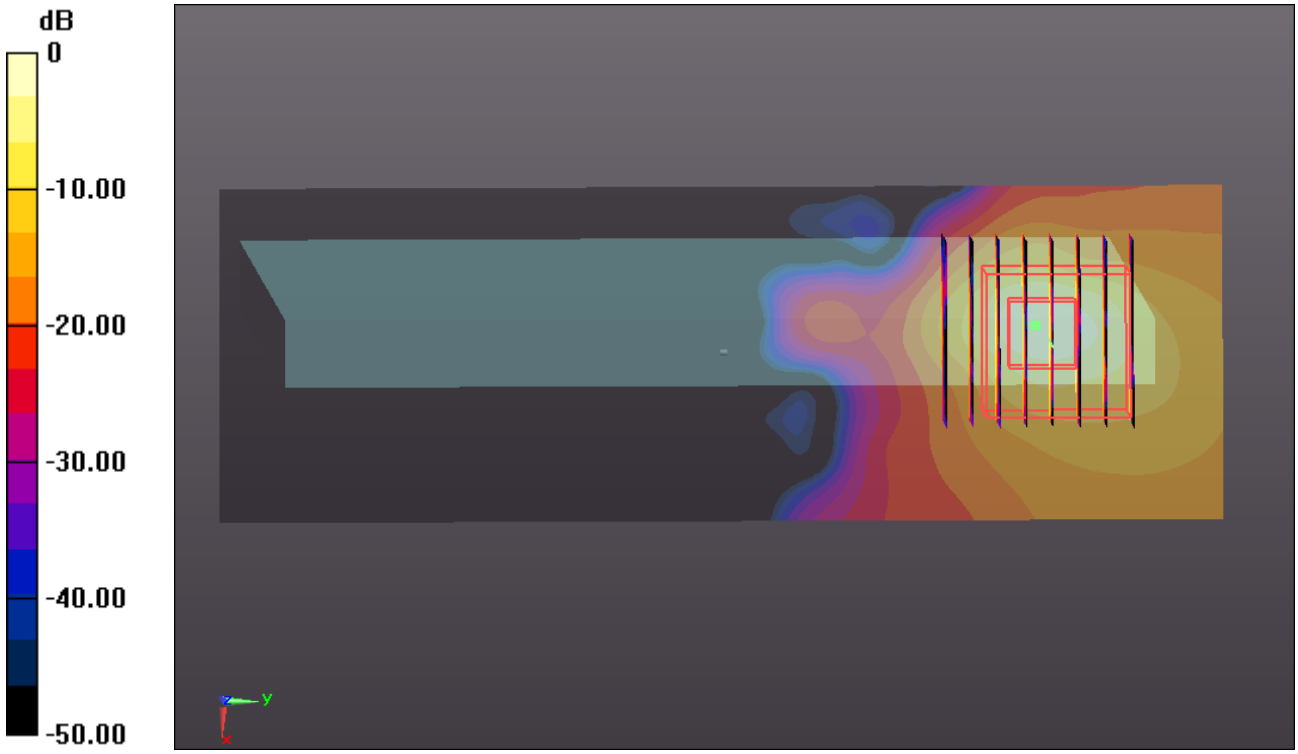
#05_WLAN 5.5GHz_802.11ac-VTH80_MCS0_Edge3 0cm_Ch106

Communication System: WIFI (0); Frequency: 5530 MHz;Duty Cycle: 1:1.313
Medium: MSL_5000_140505 Medium parameters used: f = 5530 MHz; σ = 5.763 mho/m; ε_r = 48.068; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：22.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(4.02, 4.02, 4.02); Calibrated: 2013.06.20
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2013.06.19
- Phantom: SAM3; Type: SAM; Serial: TP-1079
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.4.5 (3634)

Ch106/Area Scan (51x151x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 3.085 mW/g

Ch106/Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 0 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 5.417 W/kg
SAR(1 g) = 1.060 mW/g; SAR(10 g) = 0.237 mW/g
Maximum value of SAR (measured) = 2.971 mW/g



0 dB = 2.970mW/g