



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; $\sigma = 1.956$ mho/m; $\epsilon_r =$

50.878 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C; Liquid Temperature : 22.8 °C

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: $dx=12$ mm, $dy=12$ mm

Maximum value of SAR (interpolated) = 1.919 mW/g

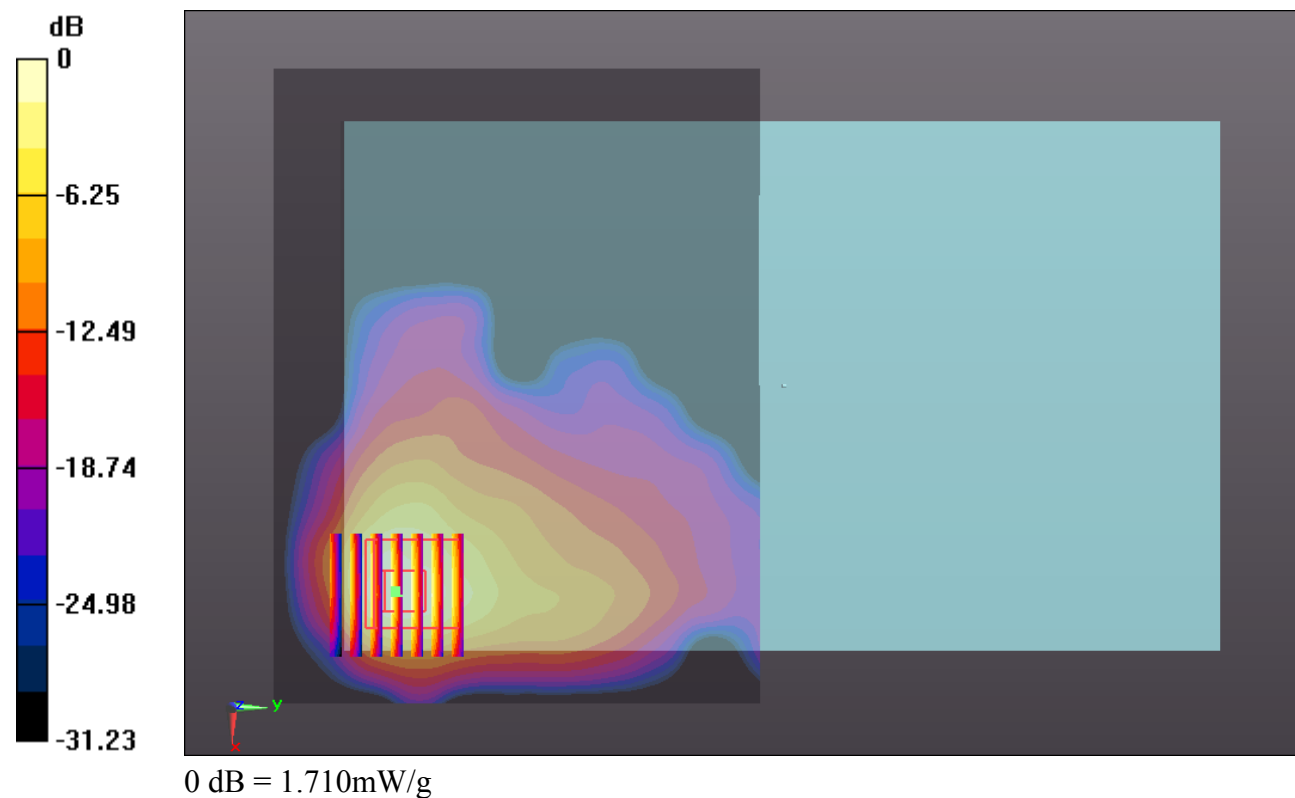
Ch11/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

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



#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; $\sigma = 6.21$ mho/m; $\epsilon_r =$

46.386; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C; Liquid Temperature : 22.5 °C

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

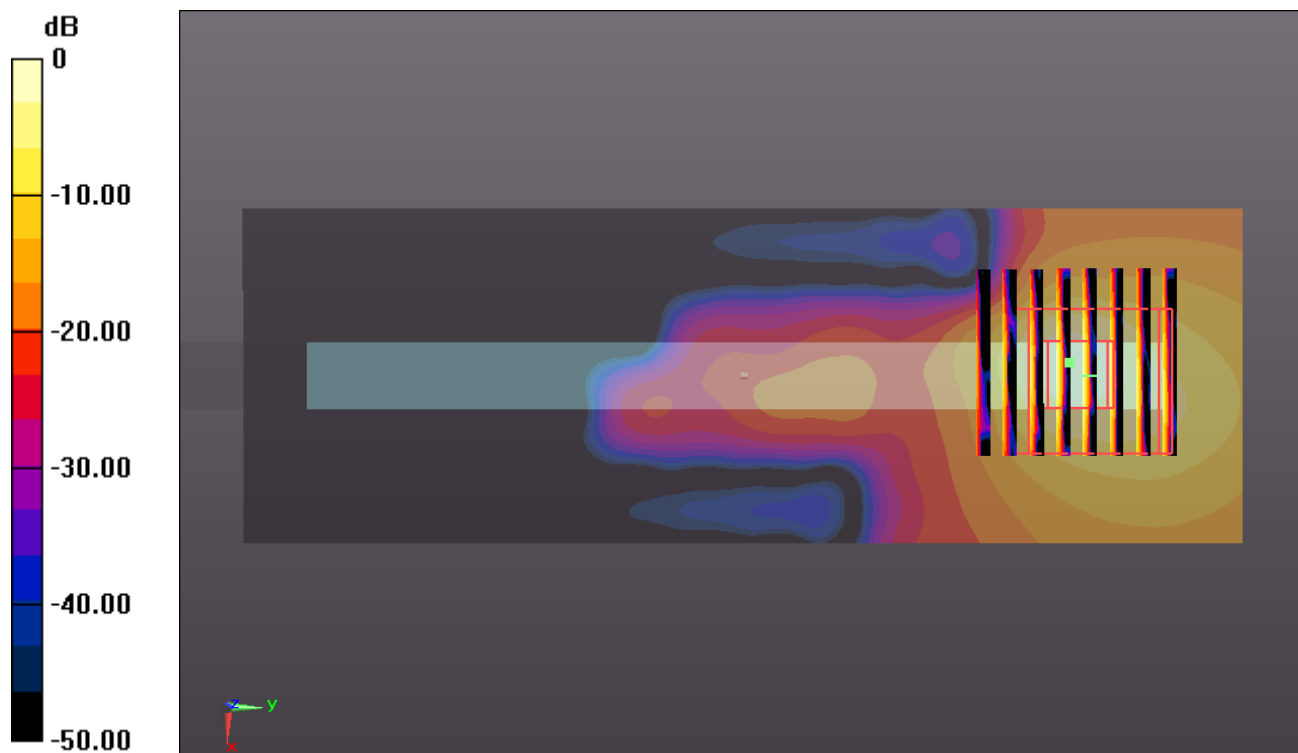
Ch165/Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

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; $\sigma = 5.303$ mho/m; $\epsilon_r =$

48.742; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C; Liquid Temperature : 22.6 °C

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

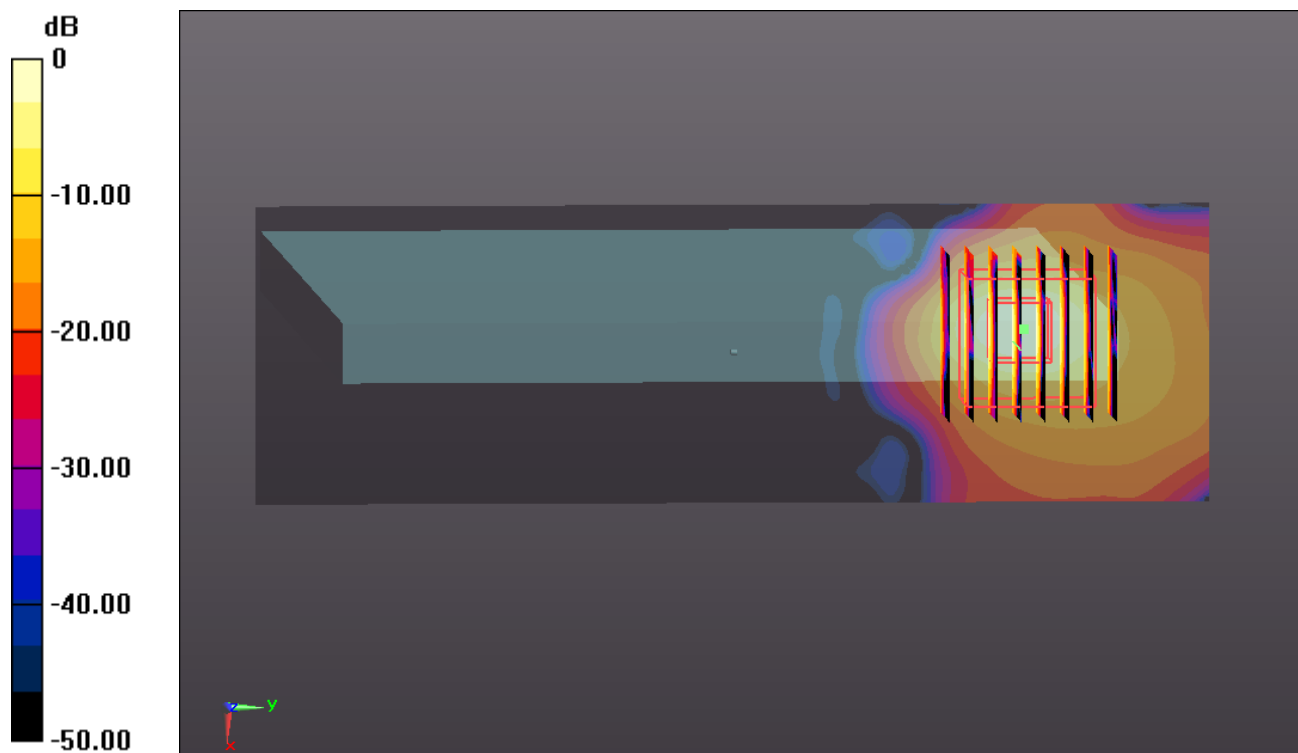
Ch42/Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

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

#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; $\sigma = 5.379$ mho/m; $\epsilon_r =$

48.662; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C; Liquid Temperature : 22.6 °C

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

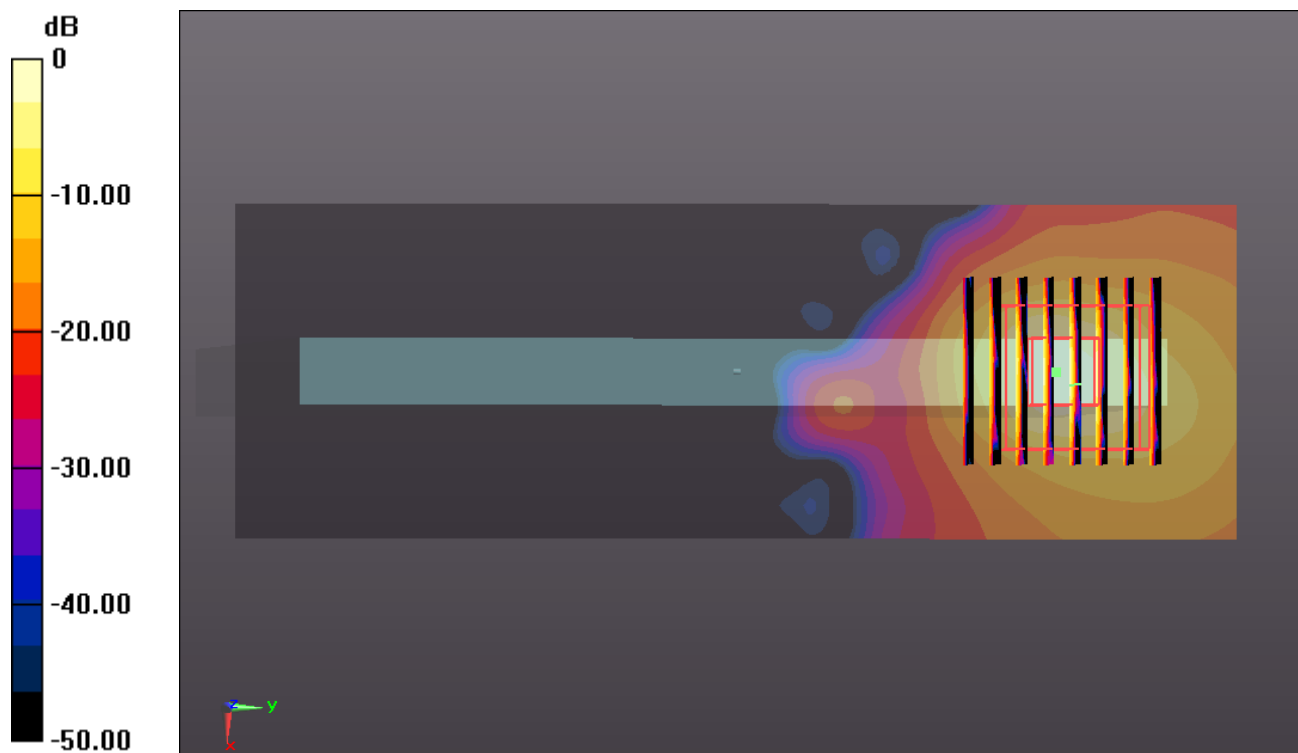
Ch52/Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

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; $\sigma = 5.763$ mho/m; $\epsilon_r =$

48.068; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C; Liquid Temperature : 22.5 °C

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

