Appendix A.   *Plots of System Performance Check*

The plots are shown as follows.

SPORTON INTERNATIONAL INC.
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FCC ID : PY312200200

Page Number   : A1 of A1
Report Issued Date : Aug. 29, 2012
Report Version   : Rev. 03

System Check_Body_2450MHz_120705

DUT: D2450V2-SN:736

Communication System: CW; Frequency: 2450 MHz;Duty Cycle: 1:1
Medium: MSL_2450_120705 Medium parameters used: f = 2450 MHz; σ = 1.965 mho/m; ε_r =

52.764; ρ = 1000 kg/m^3
Ambient Temperature：22.6 ℃；Liquid Temperature：21.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3792; ConvF(7.1, 7.1, 7.1); Calibrated: 2012/6/21;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP1127
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Pin=250mW/Area Scan (91x91x1): Measurement grid: dx=10mm, dy=10mm
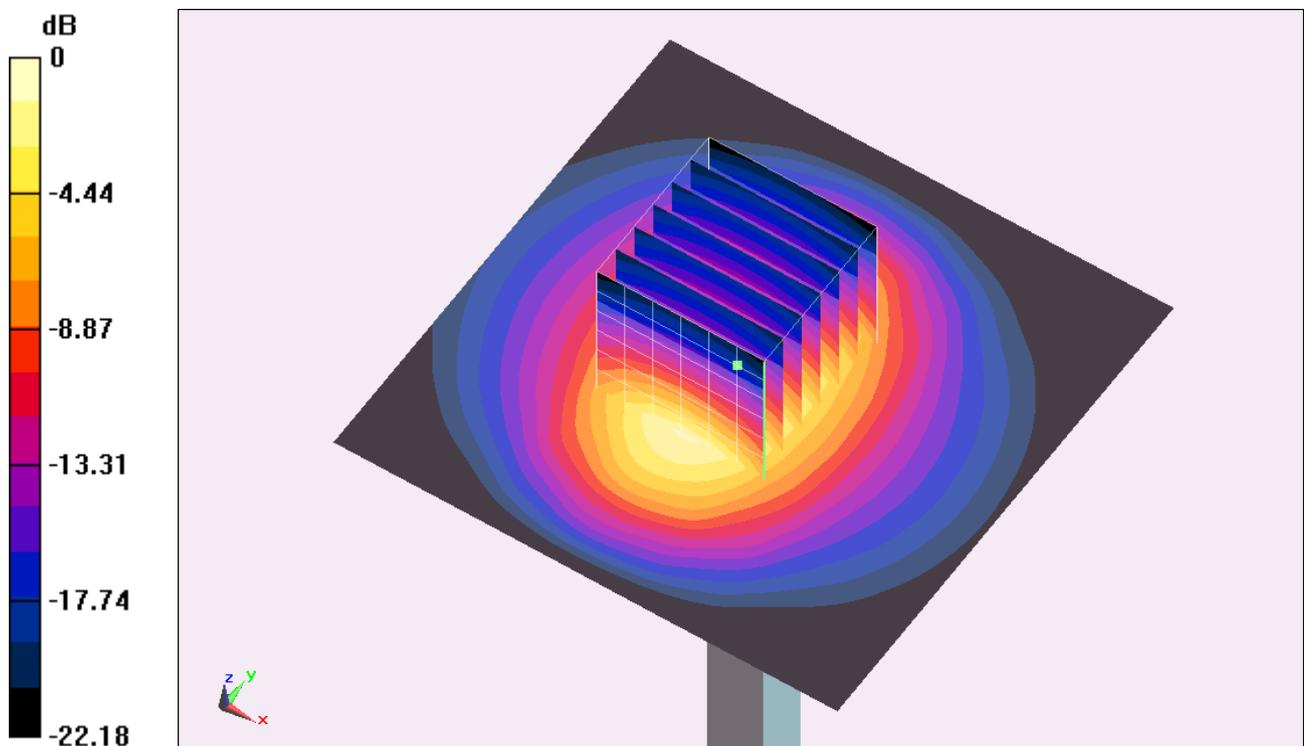Maximum value of SAR (interpolated) = 14.1 mW/g

Pin=250mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 82.218 V/m; Power Drift = 0.11 dB
Peak SAR (extrapolated) = 27.407 mW/g
SAR(1 g) = 12.5 mW/g; SAR(10 g) = 5.93 mW/g
Maximum value of SAR (measured) = 13.8 mW/g

0 dB = 13.8 mW/g = 22.80 dB mW/g

System Check_Body_2450MHz_120728

DUT: D2450V2-SN:736

Communication System: CW; Frequency: 2450 MHz;Duty Cycle: 1:1
Medium: MSL_2450_120728 Medium parameters used: f = 2450 MHz; σ = 1.965 mho/m; ε_r =

52.451; ρ = 1000 kg/m^3
Ambient Temperature：22.5 ℃；Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3792; ConvF(7.1, 7.1, 7.1); Calibrated: 2012/6/21;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP1127
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Pin=250mW/Area Scan (91x91x1): Measurement grid: dx=10mm, dy=10mm
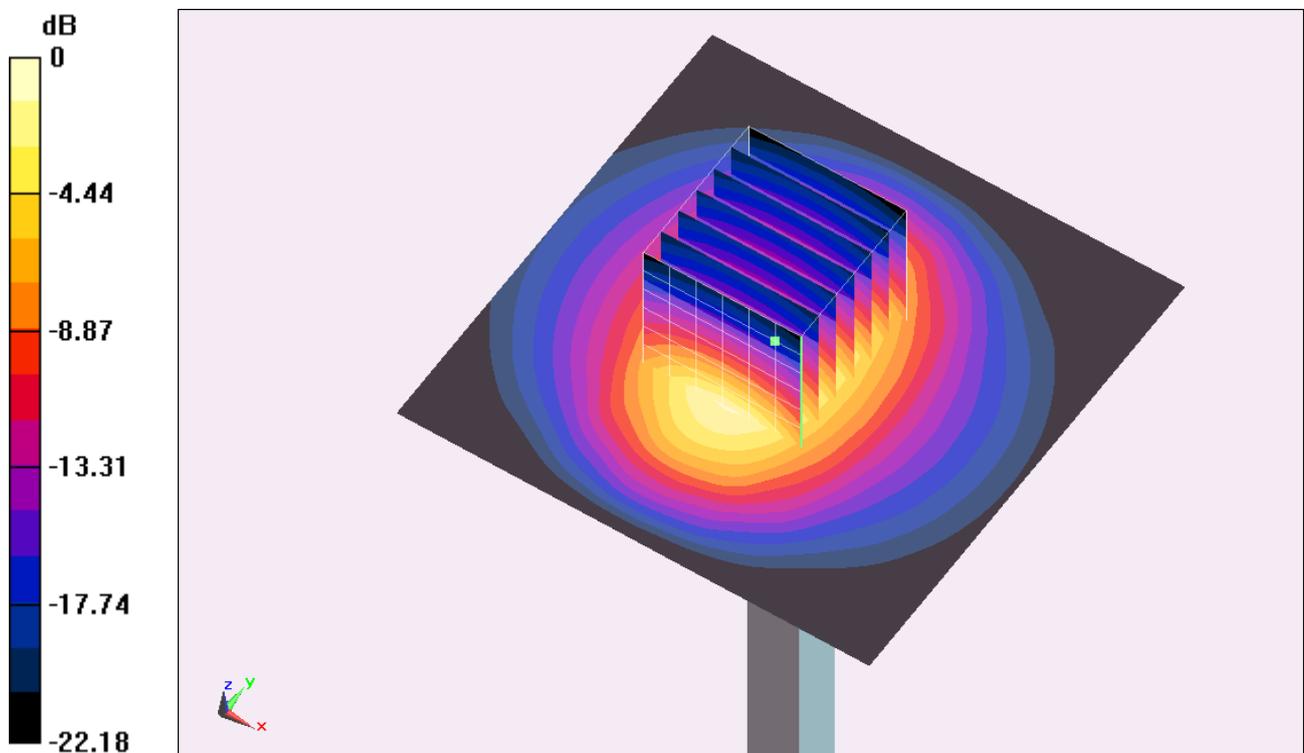Maximum value of SAR (interpolated) = 14.5 mW/g

Pin=250mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 83.211 V/m; Power Drift = 0.14 dB
Peak SAR (extrapolated) = 28.016 mW/g
SAR(1 g) = 12.8 mW/g; SAR(10 g) = 6.09 mW/g
Maximum value of SAR (measured) = 14.2 mW/g

0 dB = 14.2 mW/g = 23.05 dB mW/g

System Check_Body_5200MHz_120804

DUT: D5GHzV2-SN:1006

Communication System: CW; Frequency: 5200 MHz;Duty Cycle: 1:1
Medium: MSL_5G_120804 Medium parameters used: f = 5200 MHz; σ = 5.162 mho/m; ε_r = 48.492; ρ = 1000 kg/m^3
Ambient Temperature：22.5 ℃；Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3792; ConvF(4.2, 4.2, 4.2); Calibrated: 2012/6/21;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Software: DASY5 Version; SEMCAD X Version 14.6.6 (6477)

Pin=250mW/Area Scan (91x91x1): Measurement grid: dx=10mm, dy=10mm
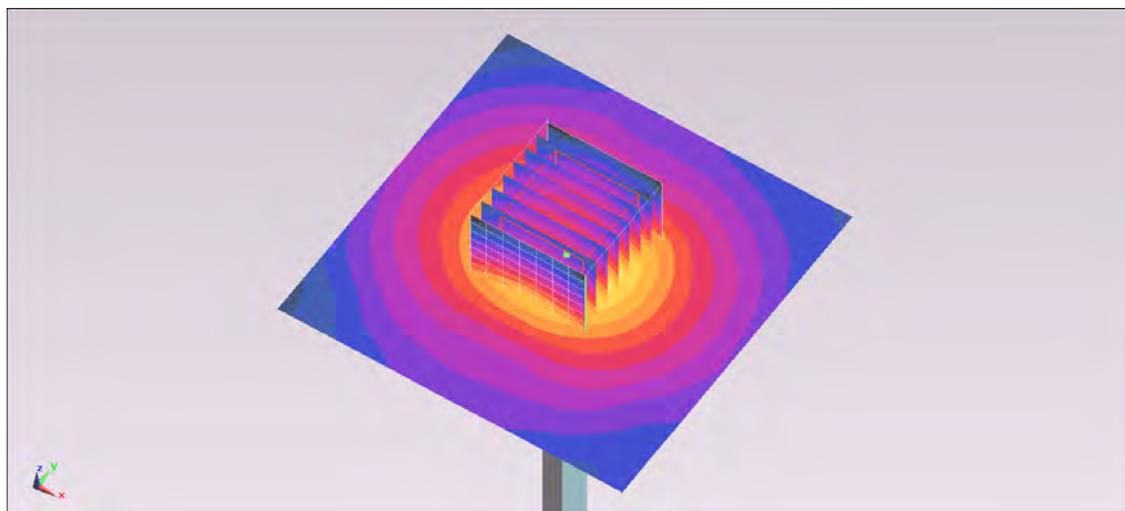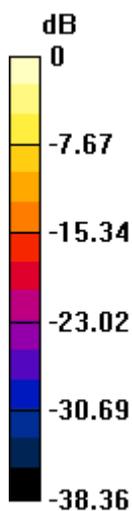Maximum value of SAR (interpolated) = 33.9 mW/g

Pin=250mW/Zoom Scan (8x8x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm
Reference Value = 85.145 V/m; Power Drift = -0.13 dB
Peak SAR (extrapolated) = 64.786 mW/g
SAR(1 g) = 18.9 mW/g; SAR(10 g) = 5.24 mW/g
Maximum value of SAR (measured) = 32.3 mW/g

0 dB = 32.3 mW/g = 30.18 dB mW/g

System Check_Body_5800MHz_120805

DUT: D5GHzV2-SN:1006

Communication System: CW; Frequency: 5800 MHz;Duty Cycle: 1:1
Medium: MSL_5G_120805 Medium parameters used: f = 5800 MHz; σ = 5.939 mho/m; ε_r = 46.527; ρ =

1000 kg/m^3
Ambient Temperature：22.3 ℃；Liquid Temperature：21.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(4.02, 4.02, 4.02); Calibrated: 2011/11/16;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP1127
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Pin=250mW/Area Scan (91x91x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 32.1 mW/g

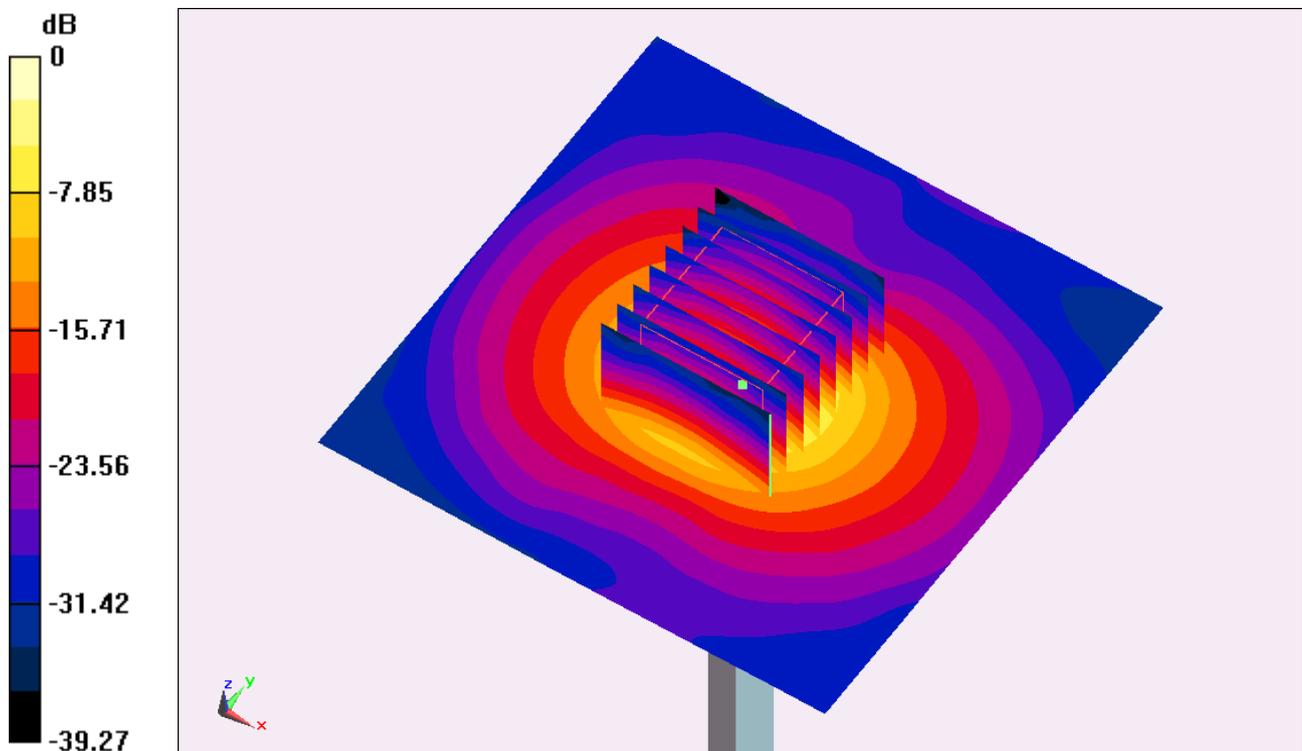**Pin=250mW/Zoom Scan (8x8x8)/Cube 0:** Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm
Reference Value = 79.061 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 54.344 mW/g
SAR(1 g) = 17.8 mW/g; SAR(10 g) = 5.15 mW/g
Maximum value of SAR (measured) = 29.6 mW/g

0 dB = 29.6 mW/g = 29.43 dB mW/g

System Check_Body_5800MHz_120823

DUT: D5GHzV2-SN:1006

Communication System: CW; Frequency: 5800 MHz;Duty Cycle: 1:1
Medium: MSL_5G_120823 Medium parameters used: f = 5800 MHz; σ = 6.127 mho/m; ε_r = 47.784; ρ =

1000 kg/m^3
Ambient Temperature：22.4 ℃；Liquid Temperature：21.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3661; ConvF(4.02, 4.02, 4.02); Calibrated: 2012/1/27;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP1127
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Pin=250mW/Area Scan (91x91x1): Measurement grid: dx=10 mm, dy=10 mm
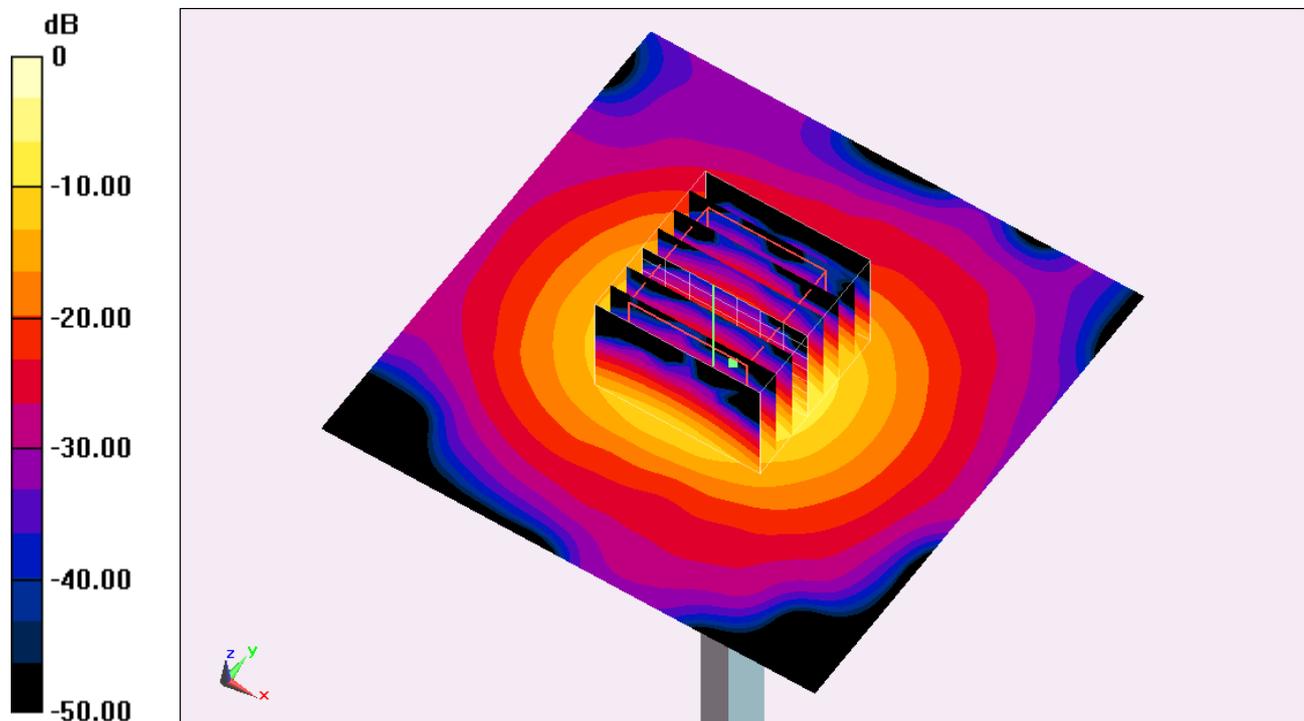Maximum value of SAR (interpolated) = 30.0 W/kg

Pin=250mW/Zoom Scan (8x8x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm
Reference Value = 79.284 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 65.960 mW/g
SAR(1 g) = 17.2 mW/g; SAR(10 g) = 4.76 mW/g
Maximum value of SAR (measured) = 29.7 W/kg

0 dB = 29.7 W/kg = 29.46 dB W/kg

System Check_Body_5800MHz_120829

DUT: D5GHzV2-SN:1006

Communication System: CW; Frequency: 5800 MHz;Duty Cycle: 1:1
Medium: MSL_5G_120829 Medium parameters used: f = 5800 MHz; σ = 6.118 mho/m; ε_r = 47.775; ρ =

1000 kg/m^3
Ambient Temperature：22.6 ℃；Liquid Temperature：21.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(4.02, 4.02, 4.02); Calibrated: 2011/11/16;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP1127
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Pin=250mW/Area Scan (91x91x1): Measurement grid: dx=10mm, dy=10mm
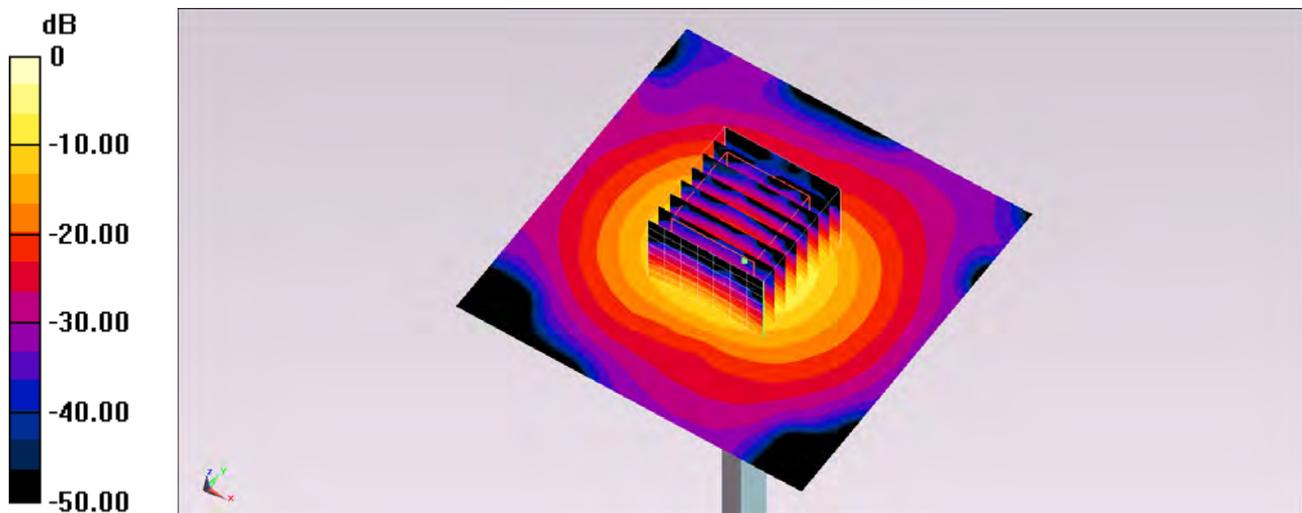Maximum value of SAR (interpolated) = 30.4 mW/g

Pin=250mW/Zoom Scan (8x8x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm
Reference Value = 80.217 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 68.124 mW/g
SAR(1 g) = 17.6 mW/g; SAR(10 g) = 4.82 mW/g
Maximum value of SAR (measured) = 30.1 mW/g

0 dB = 30.1 mW/g = 29.57 dB mW/g

Appendix B.   Plots of SAR Measurement

The plots are shown as follows.

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Report Issued Date : Aug. 29, 2012

Report Version   : Rev. 03

#103 WLAN2.4G_802.11b_Horizontal Up_0.5cm_Ch6_Ant 0+1

DUT: 262930

Communication System: 802.11b ; Frequency: 2437 MHz;Duty Cycle: 1:1
Medium: MSL_2450_120705 Medium parameters used: f = 2437 MHz; σ = 1.947 mho/m; ε_r =

52.813; ρ = 1000 kg/m^3
Ambient Temperature：22.6 ℃；Liquid Temperature：21.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3792; ConvF(7.1, 7.1, 7.1); Calibrated: 2012/6/21;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP1127
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch6/Area Scan (41x81x1): Measurement grid: dx=15mm, dy=15mm
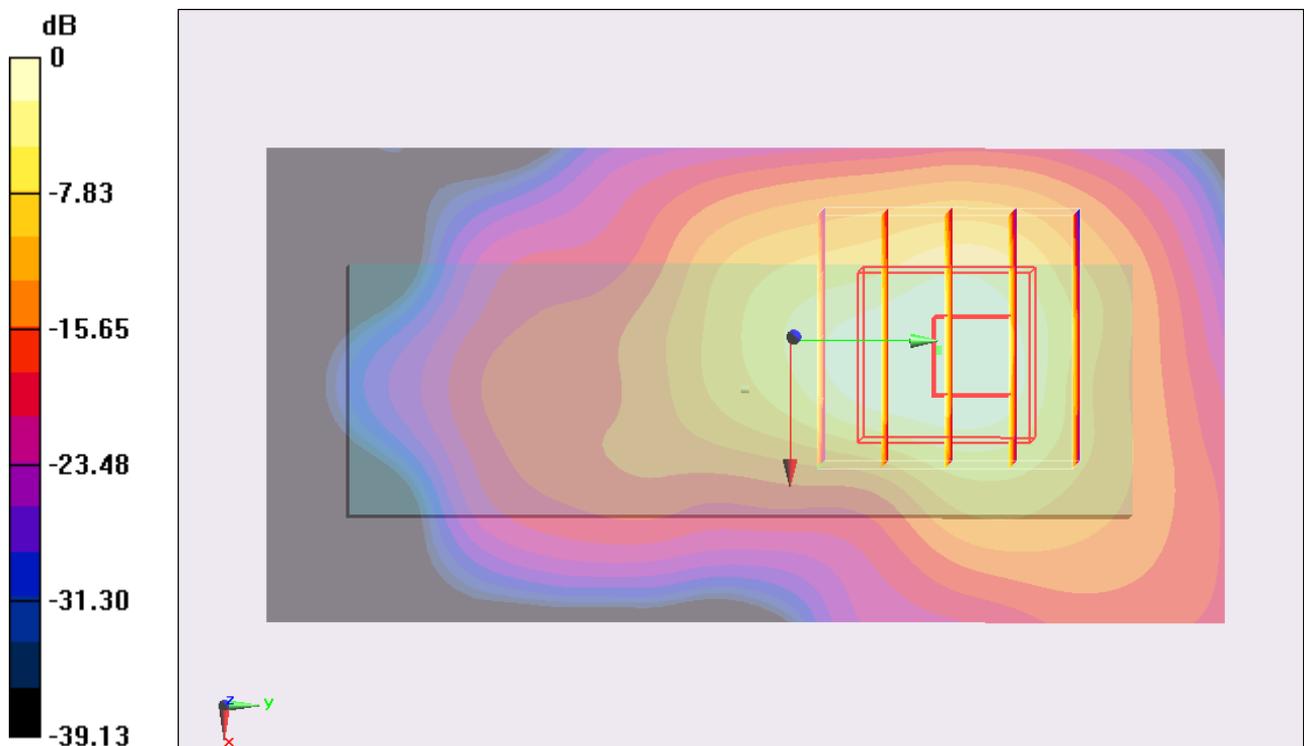Maximum value of SAR (interpolated) = 1.02 mW/g

Ch6/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.615 V/m; Power Drift = 0.12 dB
Peak SAR (extrapolated) = 1.635 mW/g
SAR(1 g) = 0.705 mW/g; SAR(10 g) = 0.304 mW/g
Maximum value of SAR (measured) = 0.740 mW/g

0 dB = 0.740 mW/g = -2.62 dB mW/g

#104 WLAN2.4G_802.11b_Horizontal Down_0.5cm_Ch6_Ant 0+1

DUT: 262930

Communication System: 802.11b ; Frequency: 2437 MHz;Duty Cycle: 1:1
Medium: MSL_2450_120705 Medium parameters used: f = 2437 MHz; σ = 1.947 mho/m; ε_r =

52.813; ρ = 1000 kg/m^3
Ambient Temperature：22.6 ℃；Liquid Temperature：21.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3792; ConvF(7.1, 7.1, 7.1); Calibrated: 2012/6/21;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP1127
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch6/Area Scan (41x81x1): Measurement grid: dx=15mm, dy=15mm
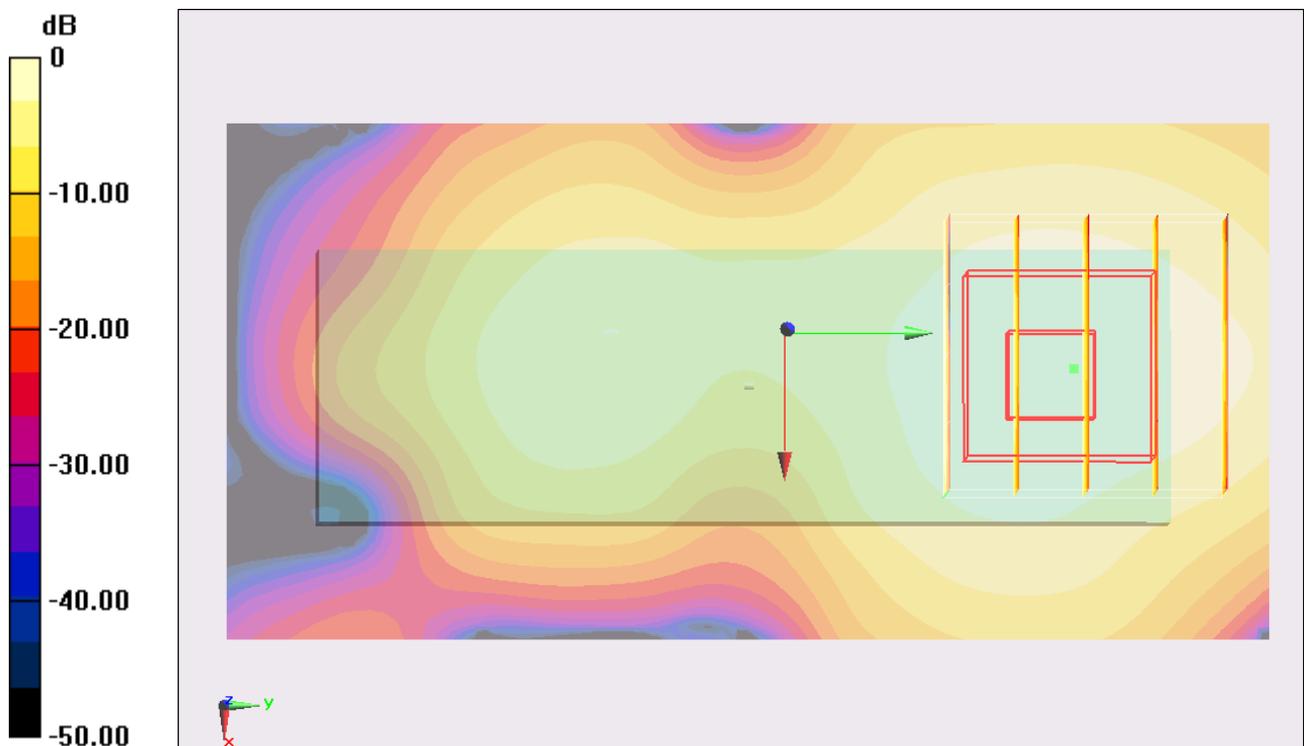Maximum value of SAR (interpolated) = 0.108 mW/g

Ch6/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 3.176 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 0.175 mW/g
SAR(1 g) = 0.096 mW/g; SAR(10 g) = 0.051 mW/g
Maximum value of SAR (measured) = 0.102 mW/g

0 dB = 0.102 mW/g = -19.83 dB mW/g

#105 WLAN2.4G_802.11b_Vertical Front_0.5cm_Ch6_Ant 0+1

DUT: 262930

Communication System: 802.11b; Frequency: 2437 MHz;Duty Cycle: 1:1
Medium: MSL_2450_120705 Medium parameters used: f = 2437 MHz; σ = 1.947 mho/m; ε_r =

52.813; ρ = 1000 kg/m^3
Ambient Temperature：22.6 ℃；Liquid Temperature：21.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3792; ConvF(7.1, 7.1, 7.1); Calibrated: 2012/6/21;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP1127
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch6/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.0646 mW/g

Ch6/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.394 V/m; Power Drift = -0.11 dB
Peak SAR (extrapolated) = 0.133 mW/g
SAR(1 g) = 0.066 mW/g; SAR(10 g) = 0.033 mW/g
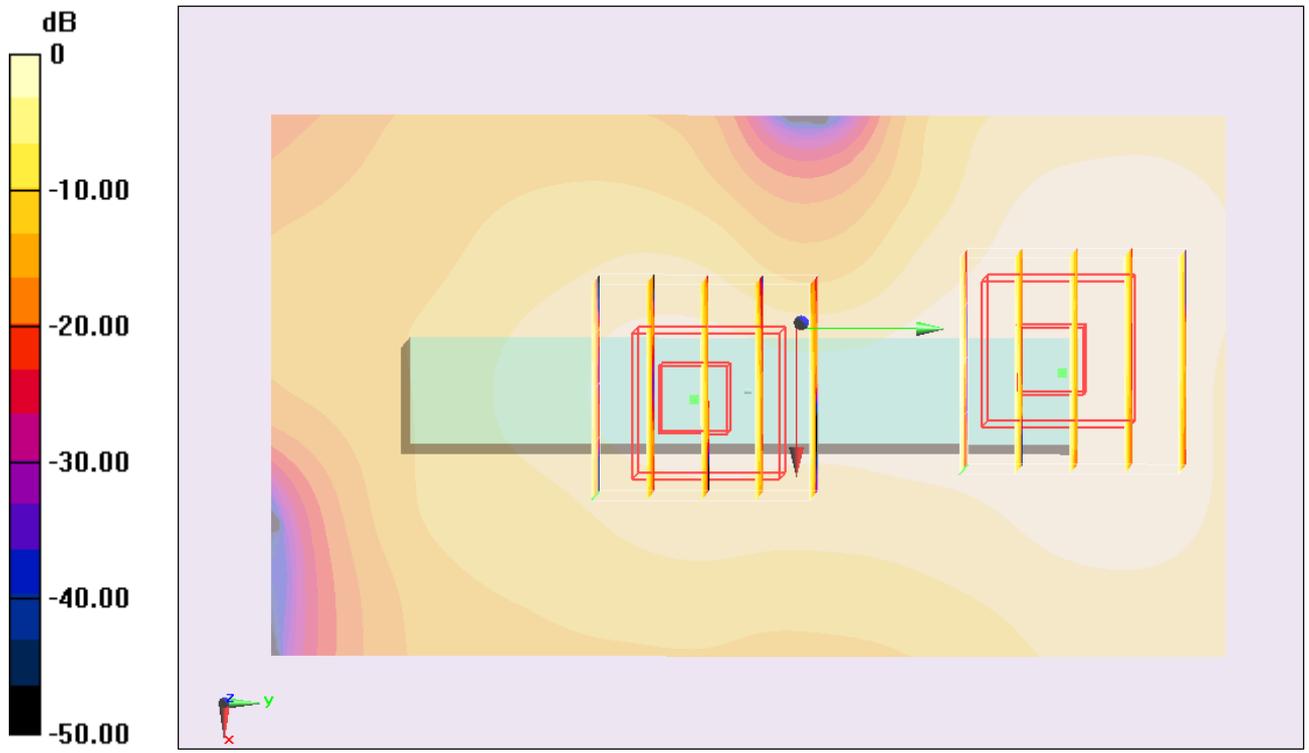Maximum value of SAR (measured) = 0.0712 mW/g

Ch6/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.394 V/m; Power Drift = -0.11 dB
Peak SAR (extrapolated) = 0.070 mW/g
SAR(1 g) = 0.037 mW/g; SAR(10 g) = 0.018 mW/g
Maximum value of SAR (measured) = 0.0428 mW/g

0 dB = 0.0428 mW/g = -27.37 dB mW/g

#106 WLAN2.4G_802.11b_Vertical Back_0.5cm_Ch6_Ant 0+1

DUT: 262930

Communication System: 802.11b; Frequency: 2437 MHz;Duty Cycle: 1:1
Medium: MSL_2450_120705 Medium parameters used: f = 2437 MHz; σ = 1.947 mho/m; ε_r =

52.813; ρ = 1000 kg/m^3
Ambient Temperature：22.6 ℃；Liquid Temperature：21.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3792; ConvF(7.1, 7.1, 7.1); Calibrated: 2012/6/21;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP1127
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch6/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm
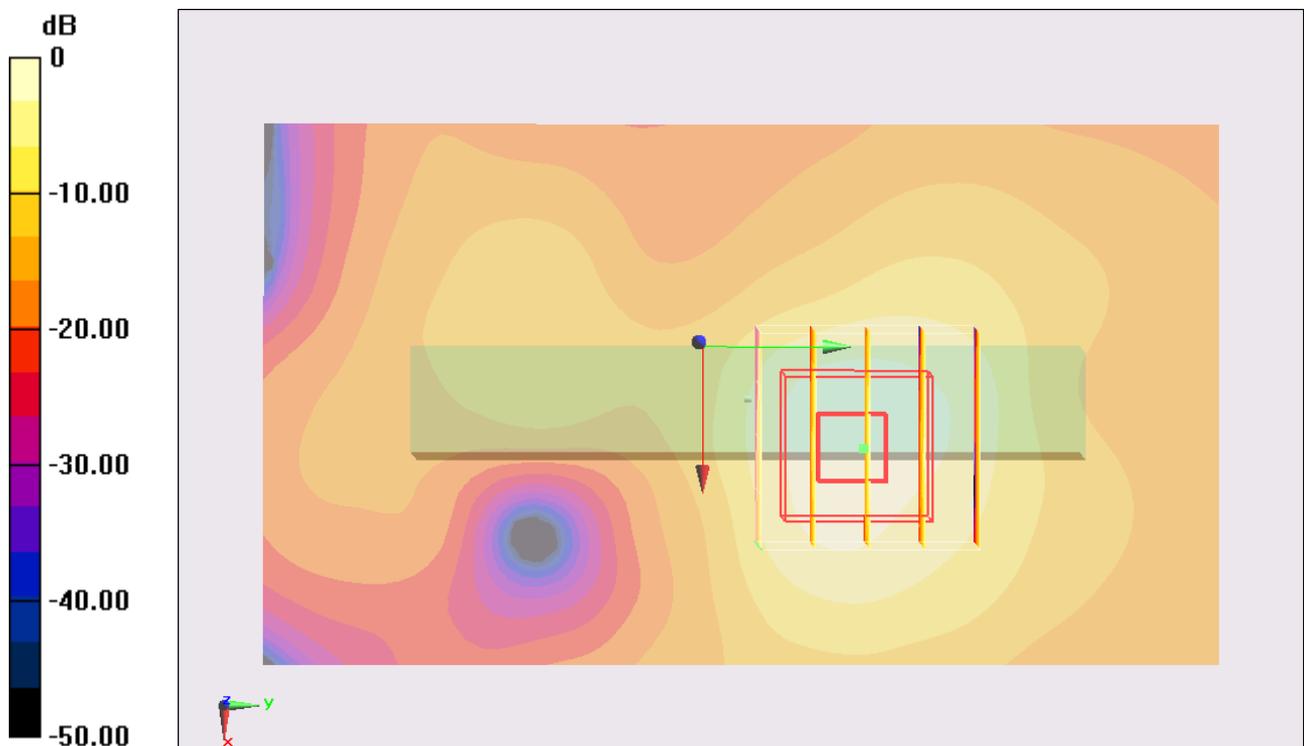Maximum value of SAR (interpolated) = 0.157 mW/g

Ch6/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 3.785 V/m; Power Drift = -0.14 dB
Peak SAR (extrapolated) = 0.295 mW/g
SAR(1 g) = 0.149 mW/g; SAR(10 g) = 0.069 mW/g
Maximum value of SAR (measured) = 0.165 mW/g

0 dB = 0.165 mW/g = -15.65 dB mW/g

#102 WLAN5G_802.11a_Horizontal Up_0.5cm_Ch36_Ant 0+1

DUT: 262930

Communication System: 802.11a; Frequency: 5180 MHz;Duty Cycle: 1:1
Medium: MSL_5G_120804 Medium parameters used: f = 5180 MHz; σ = 5.134 mho/m; $ε_r$ = 48.523; ρ =

1000 kg/m^3
Ambient Temperature：22.5 ℃；Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 -SN3792; ConvF(4.2, 4.2, 4.2); Calibrated: 2012/6/21;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Software: DASY5 Version; SEMCAD X Version 14.6.6 (6477)

Ch36/Area Scan (61x121x1): Measurement grid: dx=10mm, dy=10mm
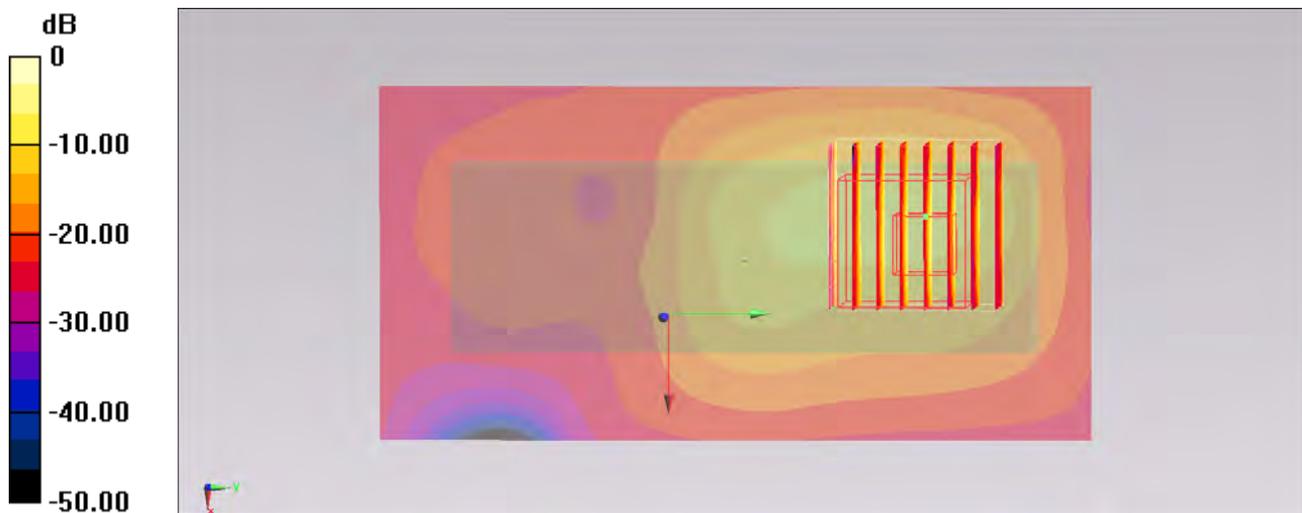Maximum value of SAR (interpolated) = 0.385 mW/g

Ch36/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 4.571 V/m; Power Drift = -0.191 dB
Peak SAR (extrapolated) = 4.909 mW/g
SAR(1 g) = 1.15 mW/g; SAR(10 g) = 0.295 mW/g
Maximum value of SAR (measured) = 2.39 mW/g

0 dB = 2.39 mW/g = 7.57 dB mW/g

#102 WLAN5G_802.11a_Horizontal Up_0.5cm_Ch36_Ant 0+1_2D

DUT: 262930

Communication System: 802.11a; Frequency: 5180 MHz;Duty Cycle: 1:1
Medium: MSL_5G_120804 Medium parameters used: f = 5180 MHz; σ = 5.134 mho/m; ε_r = 48.523; ρ = 1000 kg/m^3
Ambient Temperature：22.5 ℃；Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 -SN3792; ConvF(4.2, 4.2, 4.2); Calibrated: 2012/6/21;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Software: DASY5 Version; SEMCAD X Version 14.6.6 (6477)

Ch36/Area Scan (61x121x1): Measurement grid: dx=10mm, dy=10mm
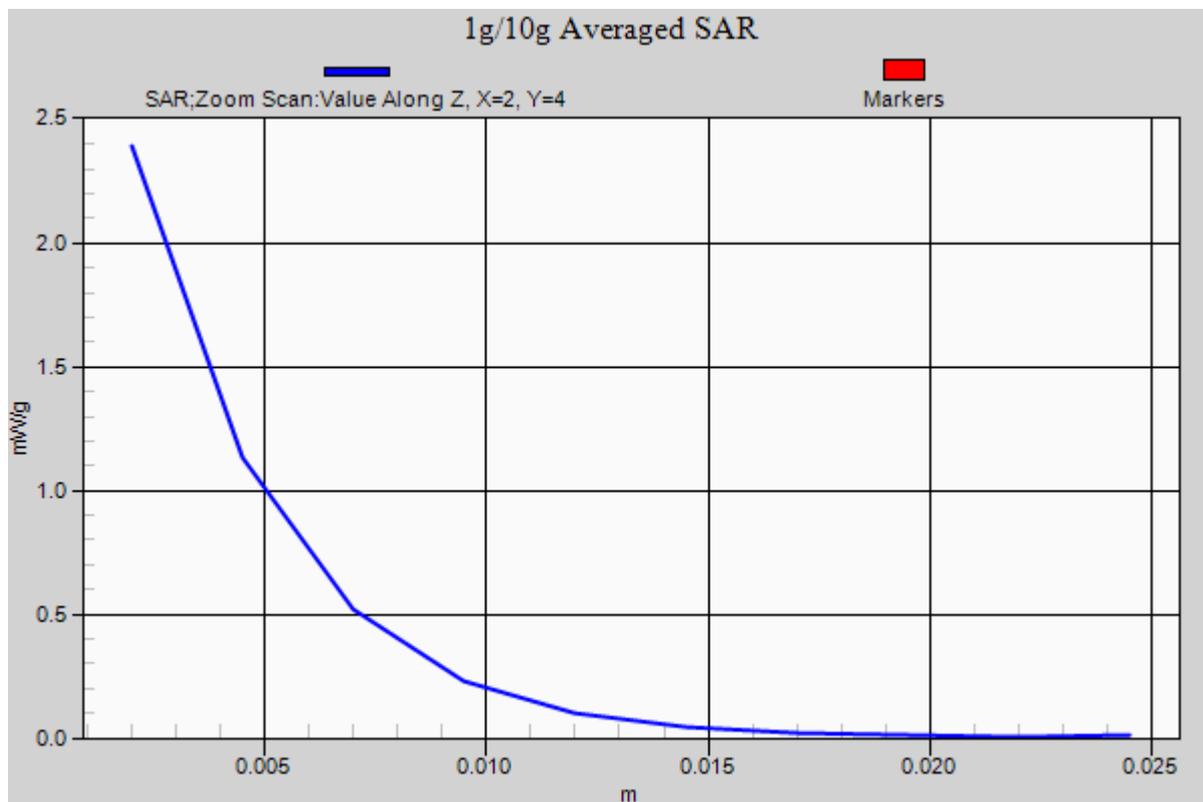Maximum value of SAR (interpolated) = 0.385 mW/g

Ch36/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 4.571 V/m; Power Drift = -0.191 dB
Peak SAR (extrapolated) = 4.909 mW/g
SAR(1 g) = 1.15 mW/g; SAR(10 g) = 0.295 mW/g
Maximum value of SAR (measured) = 2.39 mW/g

#94 WLAN5G_802.11a_Horizontal Down_0.5cm_Ch36_Ant 0+1

DUT: 262930

Communication System: 802.11a; Frequency: 5180 MHz;Duty Cycle: 1:1
Medium: MSL_5G_120804 Medium parameters used: f = 5180 MHz; σ = 5.134 mho/m; ε_r = 48.523; ρ = 1000 kg/m^3
Ambient Temperature：22.5 ℃；Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 -SN3792; ConvF(4.2, 4.2, 4.2); Calibrated: 2012/6/21;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Software: DASY5 Version; SEMCAD X Version 14.6.6 (6477)

Ch36/Area Scan (61x141x1): Measurement grid: dx=10mm, dy=10mm
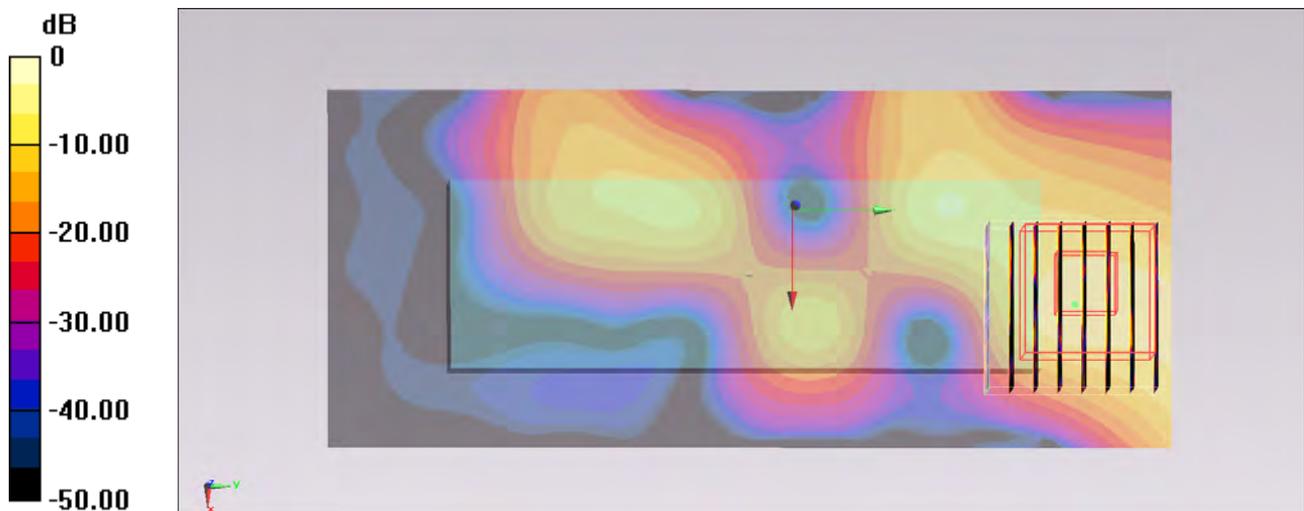Maximum value of SAR (interpolated) = 0.0341 mW/g

Ch36/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 1.909 V/m; Power Drift = 0.108 dB
Peak SAR (extrapolated) = 0.128 mW/g
SAR(1 g) = 0.038 mW/g; SAR(10 g) = 0.012 mW/g
Maximum value of SAR (measured) = 0.0855 mW/g

0 dB = 0.0855 mW/g = -21.36 dB mW/g

#95 WLAN5G_802.11a_Vertical Front_0.5cm_Ch36_Ant 0+1

DUT: 262930

Communication System: 802.11a; Frequency: 5180 MHz;Duty Cycle: 1:1
Medium: MSL_5G_120804 Medium parameters used: f = 5180 MHz; σ = 5.134 mho/m; ε$_r$ = 48.523; ρ = 1000 kg/m^3
Ambient Temperature：22.5 ℃；Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 -SN3792; ConvF(4.2, 4.2, 4.2); Calibrated: 2012/6/21;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Software: DASY5 Version; SEMCAD X Version 14.6.6 (6477)

Ch36/Area Scan (81x141x1): Measurement grid: dx=10mm, dy=10mm
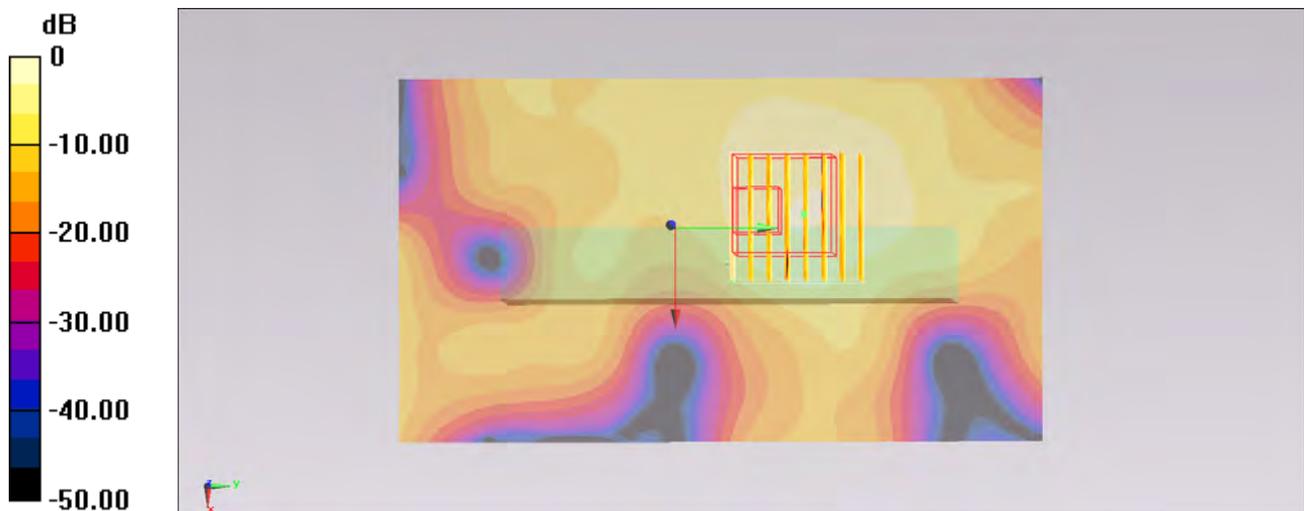Maximum value of SAR (interpolated) = 0.0630 mW/g

Ch36/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 2.246 V/m; Power Drift = 0.107 dB
Peak SAR (extrapolated) = 0.247 mW/g
SAR(1 g) = 0.071 mW/g; SAR(10 g) = 0.028 mW/g
Maximum value of SAR (measured) = 0.129 mW/g

0 dB = 0.129 mW/g = -17.79 dB mW/g

#96 WLAN5G_802.11a_Vertical Back_0.5cm_Ch36_Ant 0+1

DUT: 262930

Communication System: 802.11a; Frequency: 5180 MHz;Duty Cycle: 1:1
Medium: MSL_5G_120804 Medium parameters used: f = 5180 MHz; σ = 5.134 mho/m; ε_r = 48.523; ρ =
1000 kg/m^3
Ambient Temperature：22.5 ℃；Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 -SN3792; ConvF(4.2, 4.2, 4.2); Calibrated: 2012/6/21;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Software: DASY5 Version; SEMCAD X Version 14.6.6 (6477)

Ch36/Area Scan (81x141x1): Measurement grid: dx=10mm, dy=10mm
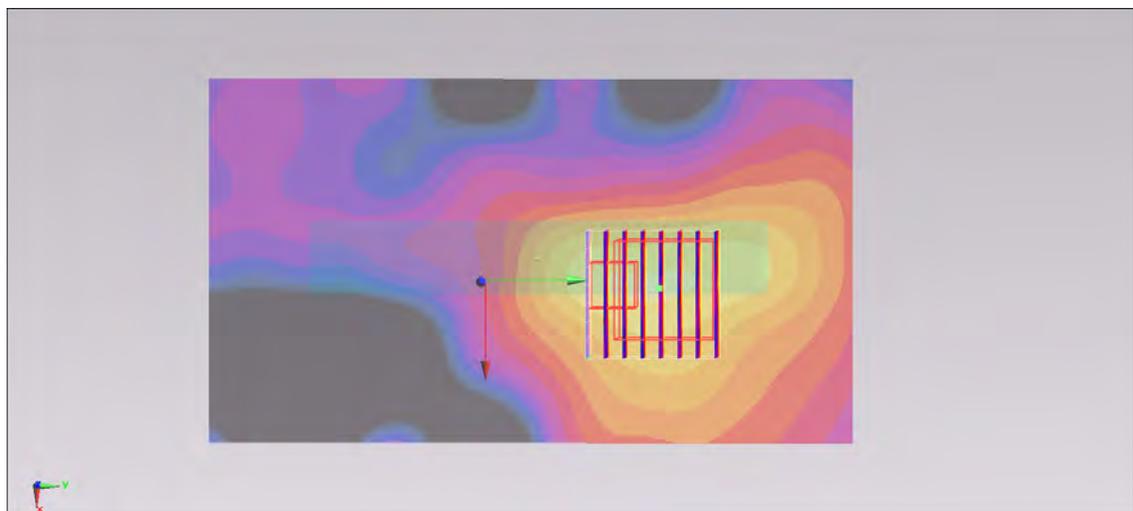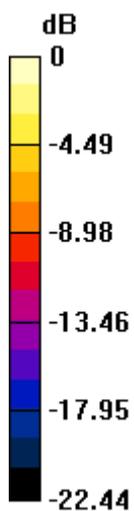Maximum value of SAR (interpolated) = 0.118 mW/g

Ch36/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 2.796 V/m; Power Drift = -0.112 dB
Peak SAR (extrapolated) = 0.424 mW/g
SAR(1 g) = 0.121 mW/g; SAR(10 g) = 0.051 mW/g
Maximum value of SAR (measured) = 0.222 mW/g

0 dB = 0.222 mW/g = -13.07 dB mW/g

#93 WLAN5G_802.11a_Horizontal Up_0.5cm_Ch44_Ant 0+1

DUT: 262930

Communication System: 802.11a; Frequency: 5220 MHz;Duty Cycle: 1:1
Medium: MSL_5G_120804 Medium parameters used: f = 5220 MHz; σ = 5.192 mho/m; ε_r = 48.457; ρ = 1000 kg/m^3
Ambient Temperature：22.5 ℃；Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 -SN3792; ConvF(4.2, 4.2, 4.2); Calibrated: 2012/6/21;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Software: DASY5 Version; SEMCAD X Version 14.6.6 (6477)

Ch44/Area Scan (61x121x1): Measurement grid: dx=10mm, dy=10mm
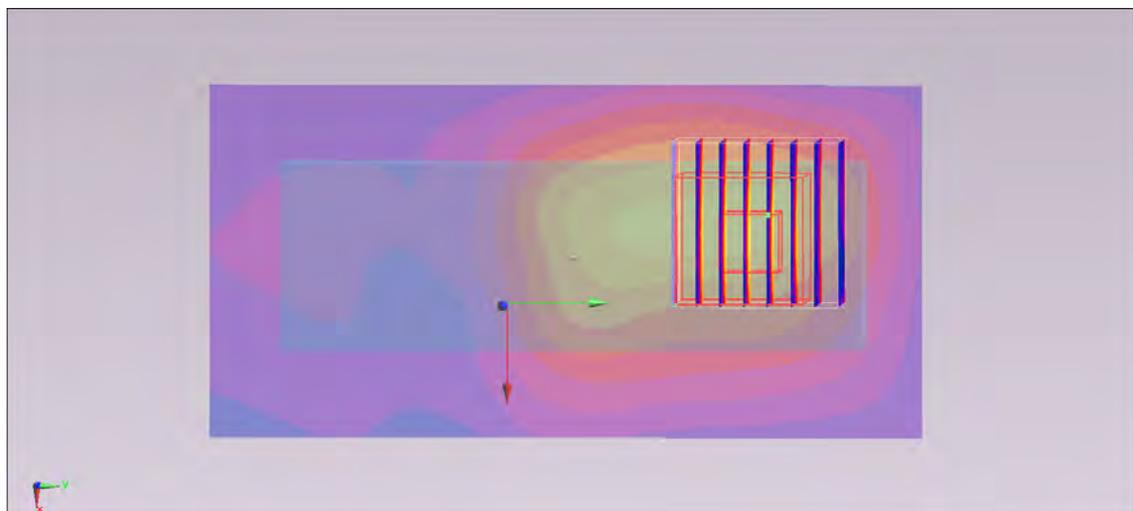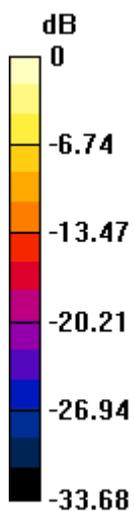Maximum value of SAR (interpolated) = 0.426 mW/g

Ch44/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 4.490 V/m; Power Drift = -0.109 dB
Peak SAR (extrapolated) = 4.766 mW/g
SAR(1 g) = 1.1 mW/g; SAR(10 g) = 0.280 mW/g
Maximum value of SAR (measured) = 2.36 mW/g

0 dB = 2.36 mW/g = 7.46 dB mW/g

#148 WLAN5G_802.11n(20M)_Horizontal Up_0.5cm_Ch40_Ant 0+1

DUT: 262930

Communication System: 802.11n; Frequency: 5200 MHz;Duty Cycle: 1:1
Medium: MSL_5G_120804 Medium parameters used: f = 5200 MHz; σ = 5.162 mho/m; ε_r = 48.492; ρ =

1000 kg/m^3
Ambient Temperature：22.5 ℃；Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 -SN3792; ConvF(4.2, 4.2, 4.2); Calibrated: 2012/6/21;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Software: DASY5 Version; SEMCAD X Version 14.6.6 (6477)

Ch40/Area Scan (61x121x1): Measurement grid: dx=10mm, dy=10mm
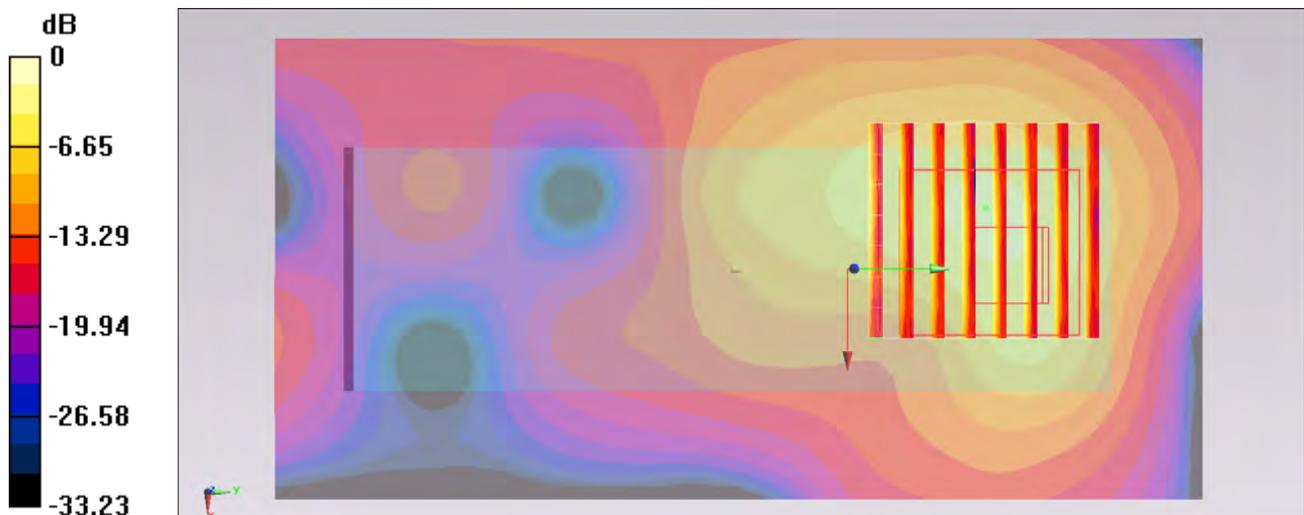Maximum value of SAR (interpolated) = 0.395 mW/g

Ch40/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 4.442 V/m; Power Drift = -0.10 dB
Peak SAR (extrapolated) = 4.255 mW/g
SAR(1 g) = 0.998 mW/g; SAR(10 g) = 0.257 mW/g
Maximum value of SAR (measured) = 2.13 mW/g

0 dB = 2.13 mW/g = 6.57 dB mW/g

#144 WLAN5G_802.11n(20M)_Horizontal Up_0.5cm_Ch48_Ant 0+1

DUT: 262930

Communication System: 802.11n; Frequency: 5240 MHz;Duty Cycle: 1:1
Medium: MSL_5G_120804 Medium parameters used : f = 5240 MHz; σ = 5.221 mho/m; $ε_r$ = 48.421;

$ρ$ = 1000 kg/m^3
Ambient Temperature：22.5 ℃；Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 -SN3792; ConvF(4.2, 4.2, 4.2); Calibrated: 2012/6/21;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Software: DASY5 Version; SEMCAD X Version 14.6.6 (6477)

Ch48/Area Scan (61x121x1): Measurement grid: dx=10mm, dy=10mm
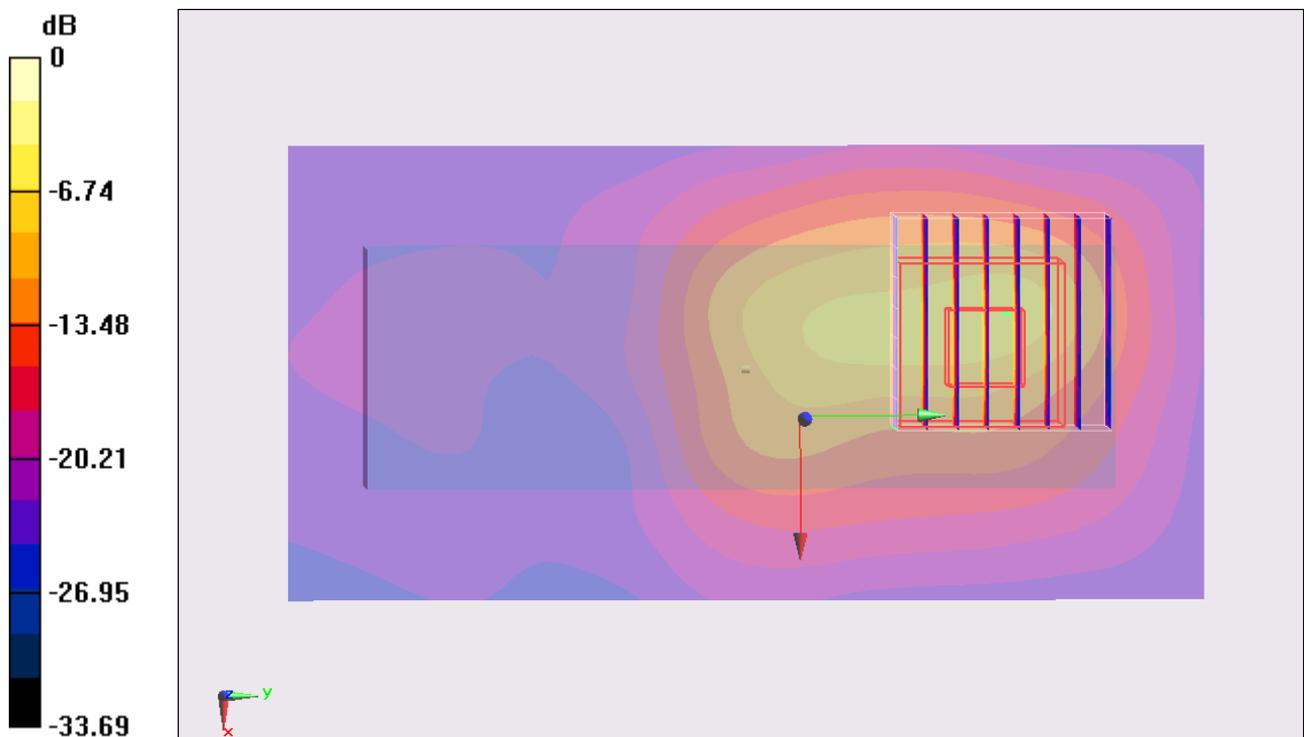Maximum value of SAR (interpolated) = 0.441 mW/g

Ch48/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 4.505 V/m; Power Drift = -0.10 dB
Peak SAR (extrapolated) = 4.945 mW/g
SAR(1 g) = 1.14 mW/g; SAR(10 g) = 0.291 mW/g
Maximum value of SAR (measured) = 2.45 mW/g

0 dB = 2.45 mW/g = 7.78 dB mW/g

#140 WLAN5G_802.11n(40M)_Horizontal Up_0.5cm_Ch38_Ant 0+1

DUT: 262930

Communication System: 802.11n; Frequency: 5190 MHz;Duty Cycle: 1:1
Medium: MSL_5G_120804 Medium parameters used: f = 5190 MHz; σ = 5.198 mho/m; ε_r = 48.488;

ρ = 1000 kg/m^3
Ambient Temperature：22.5 ℃；Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 -SN3792; ConvF(4.2, 4.2, 4.2); Calibrated: 2012/6/21;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Software: DASY5 Version; SEMCAD X Version 14.6.6 (6477)

Ch38/Area Scan (61x121x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.667 mW/g

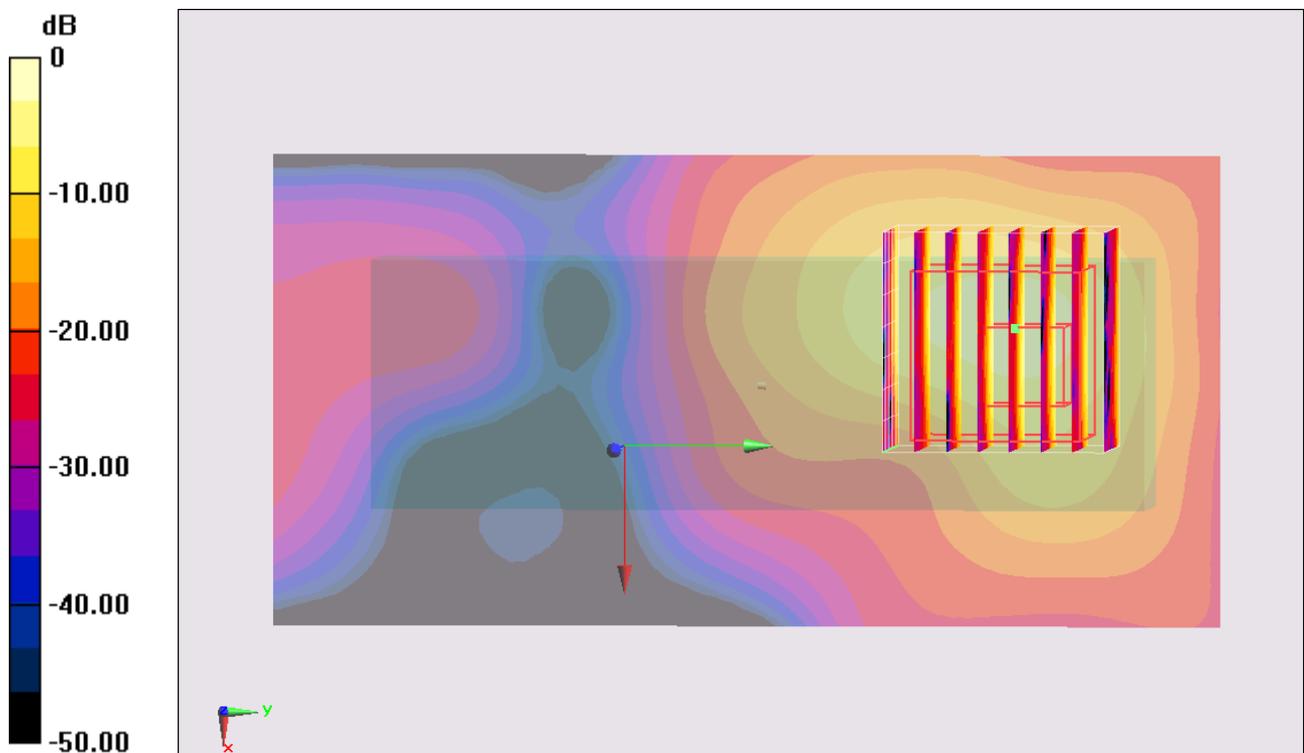**Ch38/Zoom Scan (8x8x10)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 1.973 V/m; Power Drift = -0.149 dB
Peak SAR (extrapolated) = 4.160 mW/g
SAR(1 g) = 0.922 mW/g; SAR(10 g) = 0.242 mW/g
Maximum value of SAR (measured) = 1.99 mW/g

0 dB = 1.99 mW/g = 5.98 dB mW/g

#149 WLAN5G_802.11n(40M)_Horizontal Up_0.5cm_Ch46_Ant 0+1

DUT: 262930

Communication System: 802.11n; Frequency: 5230 MHz;Duty Cycle: 1:1
Medium: MSL_5G_120804 Medium parameters used : f = 5230 MHz; σ = 5.206 mho/m; ε_r = 48.439; ρ = 1000 kg/m^3
Ambient Temperature：22.5 ℃；Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 -SN3792; ConvF(4.2, 4.2, 4.2); Calibrated: 2012/6/21;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Software: DASY5 Version; SEMCAD X Version 14.6.6 (6477)

Ch46/Area Scan (61x121x1): Measurement grid: dx=10mm, dy=10mm
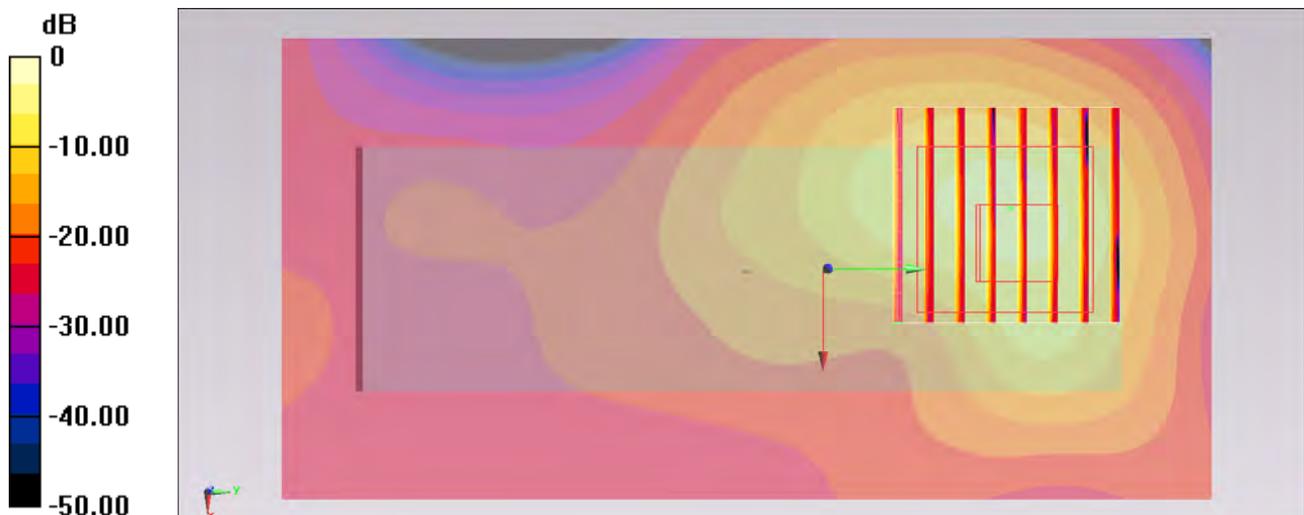Maximum value of SAR (interpolated) = 0.624 mW/g

Ch46/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 2.495 V/m; Power Drift = 0.126 dB
Peak SAR (extrapolated) = 3.762 mW/g
SAR(1 g) = 0.889 mW/g; SAR(10 g) = 0.251 mW/g
Maximum value of SAR (measured) = 1.87 mW/g

0 dB = 1.87 mW/g = 5.44 dB mW/g

#141 WLAN5G_802.11ac(20M)_Horizontal Up_0.5cm_Ch40_Ant 0+1

DUT: 262930

Communication System: 802.11ac; Frequency: 5200 MHz;Duty Cycle: 1:1
Medium: MSL_5G_120804 Medium parameters used: f = 5240 MHz; σ = 5.221 mho/m; ε_r = 48.421; ρ = 1000 kg/m^3
Ambient Temperature：22.5 ℃；Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 -SN3792; ConvF(4.2, 4.2, 4.2); Calibrated: 2012/6/21;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Software: DASY5 Version; SEMCAD X Version 14.6.6 (6477)

Ch40/Area Scan (61x121x1): Measurement grid: dx=10mm, dy=10mm
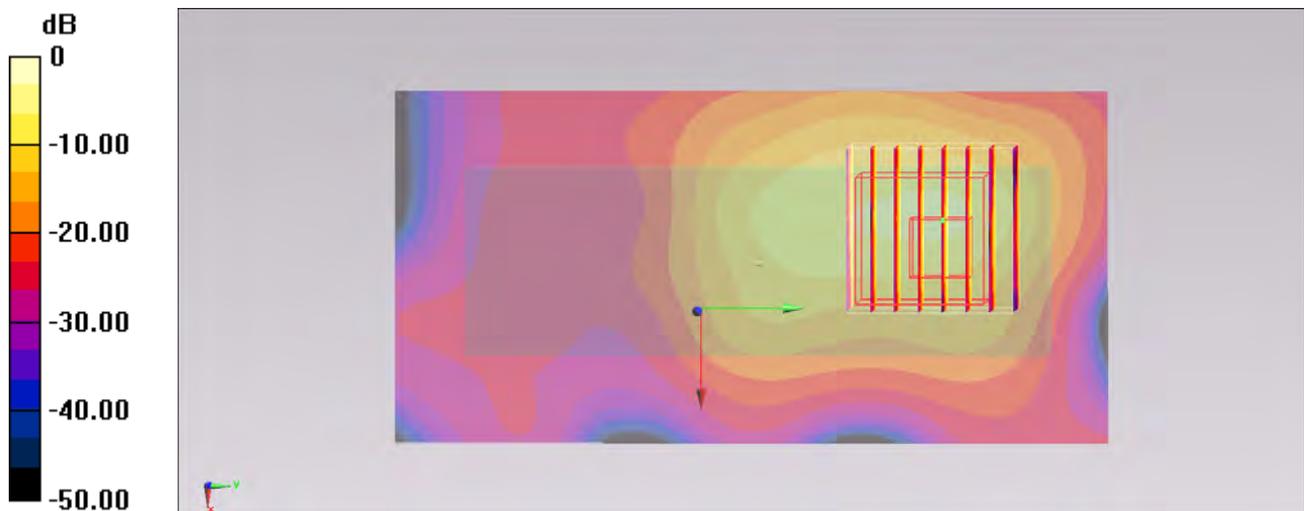Maxium value of SAR (interpolated) = 0.595 mW/g

Ch40/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 4.837 V/m; Power Drift = -0.017 dB
Peak SAR (extrapolated) = 4.501 mW/g
SAR(1 g) = 1.14 mW/g; SAR(10 g) = 0.315 mW/g
Maximum value of SAR (measured) = 2.34 mW/g

0 dB = 2.34 mW/g = 7.38 dB mW/g

#150 WLAN5G_802.11ac(20M)_Horizontal Up_0.5cm_Ch48_Ant 0+1

DUT: 262930

Communication System: 802.11ac; Frequency: 5240 MHz;Duty Cycle: 1:1
Medium: MSL_5G_120804 Medium parameters used : f = 5240 MHz; σ = 5.221 mho/m; ε_r = 48.421; ρ = 1000 kg/m^3
Ambient Temperature：22.5 ℃；Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 -SN3792; ConvF(4.2, 4.2, 4.2); Calibrated: 2012/6/21;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Software: DASY5 Version; SEMCAD X Version 14.6.6 (6477)

Ch48/Area Scan (61x121x1): Measurement grid: dx=10mm, dy=10mm
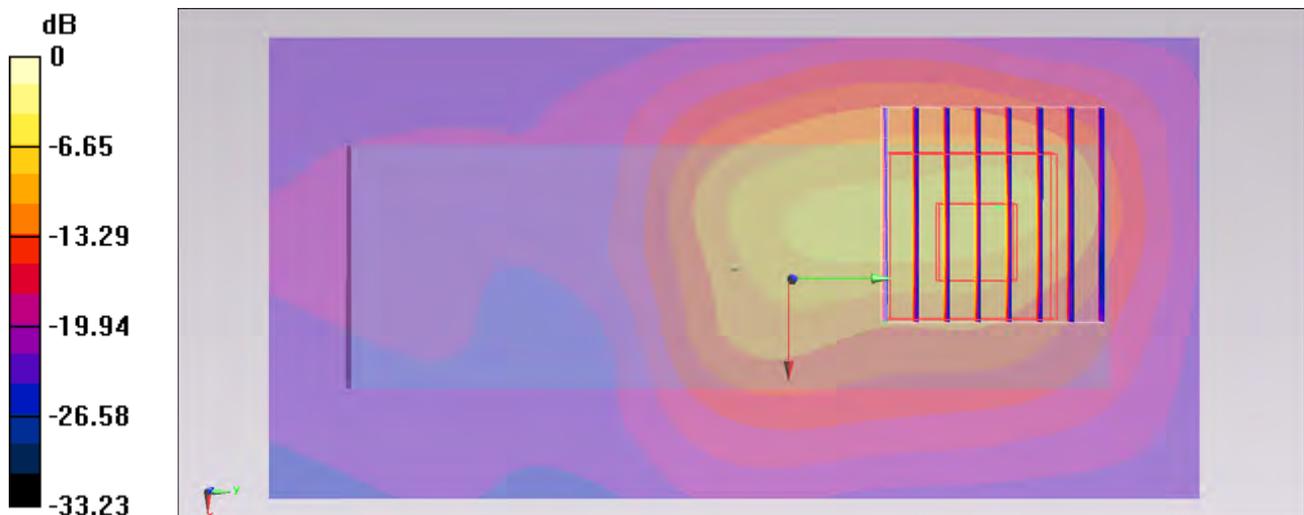Maximum value of SAR (interpolated) = 0.405 mW/g

Ch48/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 4.471 V/m; Power Drift = -0.150 dB
Peak SAR (extrapolated) = 4.361 mW/g
SAR(1 g) = 1.02 mW/g; SAR(10 g) = 0.264 mW/g
Maximum value of SAR (measured) = 2.19 mW/g

0 dB = 2.19 mW/g = 6.81 dB mW/g

#142 WLAN5G_802.11ac(40M)_Horizontal Up_0.5cm_Ch38_Ant 0+1

DUT: 262930

Communication System: 802.11ac; Frequency: 5190 MHz;Duty Cycle: 1:1
Medium: MSL_5G_120804 Medium parameters used: f = 5190 MHz; σ = 5.198 mho/m; ε_r = 48.488;

ρ = 1000 kg/m^3
Ambient Temperature：22.5 ℃；Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 -SN3792; ConvF(4.2, 4.2, 4.2); Calibrated: 2012/6/21;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Software: DASY5 Version; SEMCAD X Version 14.6.6 (6477)

Ch38/Area Scan (61x121x1): Measurement grid: dx=10mm, dy=10mm
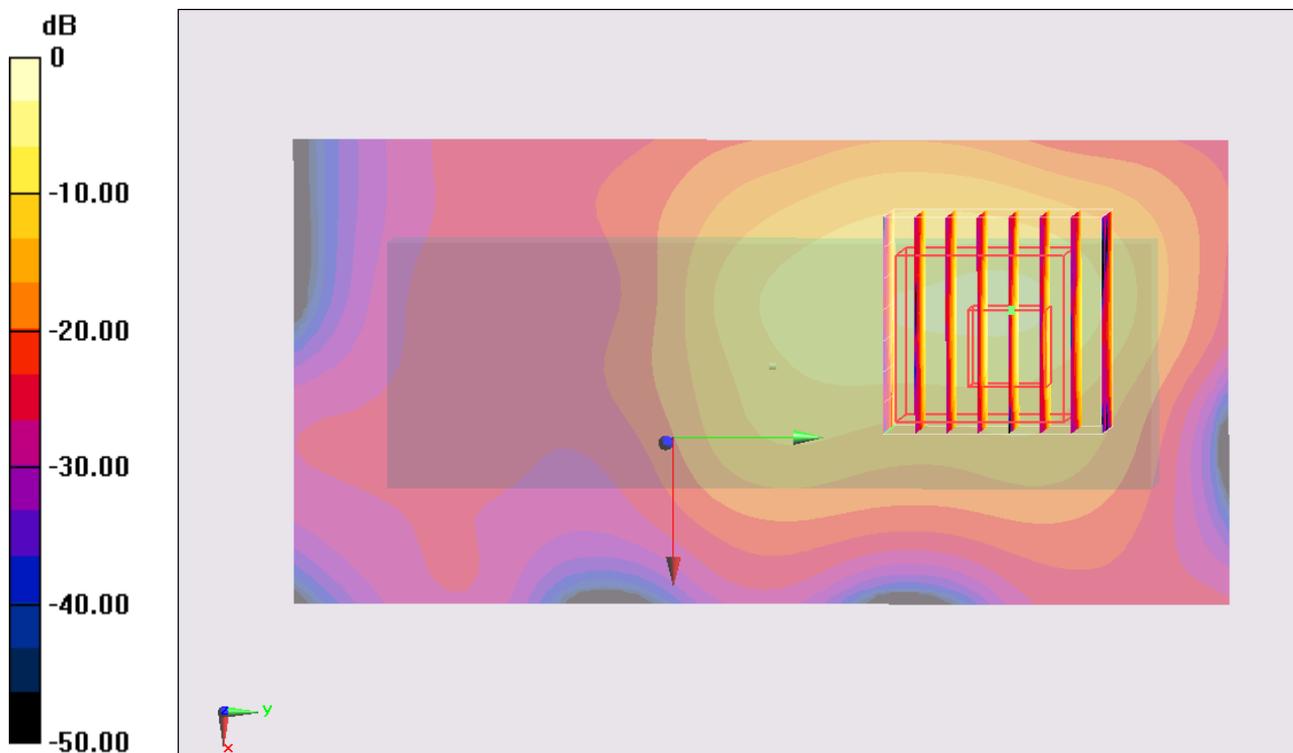Maximum value of SAR (interpolated) = 0.591 mW/g

Ch38/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 4.797 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 4.470 mW/g
SAR(1 g) = 1.14 mW/g; SAR(10 g) = 0.313 mW/g
Maximum value of SAR (measured) = 2.33 mW/g

0 dB = 2.33 mW/g = 7.35 dB mW/g

#151 WLAN5G_802.11ac(40M)_Horizontal Up_0.5cm_Ch46_Ant 0+1

DUT: 262930

Communication System: 802.11ac; Frequency: 5230 MHz;Duty Cycle: 1:1
Medium: MSL_5G_120804 Medium parameters used : f = 5230 MHz; σ = 5.206 mho/m; ε$_r$ = 48.439; ρ = 1000 kg/m^3
Ambient Temperature：22.5 ℃；Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 -SN3792; ConvF(4.2, 4.2, 4.2); Calibrated: 2012/6/21;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Software: DASY5 Version; SEMCAD X Version 14.6.6 (6477)

Ch46/Area Scan (61x121x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.378 mW/g

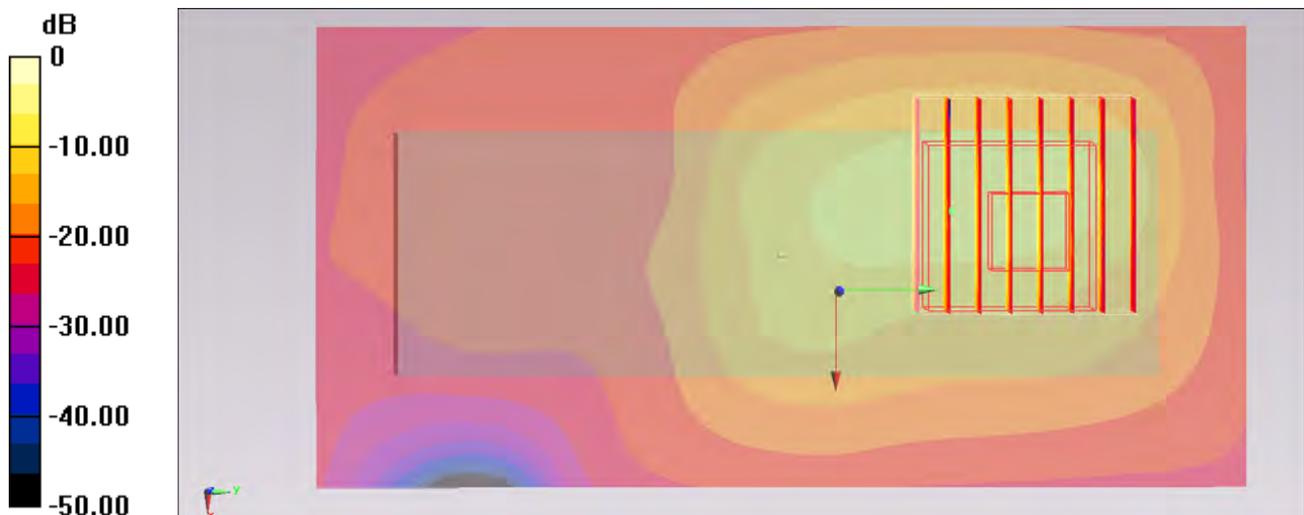## Ch46/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 4.573 V/m; Power Drift = -0.11 dB
Peak SAR (extrapolated) = 4.592 mW/g
SAR(1 g) = 1.09 mW/g; SAR(10 g) = 0.283 mW/g
Maximum value of SAR (measured) = 2.26 mW/g

0 dB = 2.26 mW/g = 7.08 dB mW/g

#145 WLAN5G_802.11ac(80M)_Horizontal Up_0.5cm_Ch42_Ant 0+1

DUT: 262930

Communication System: 802.11ac; Frequency: 5210 MHz;Duty Cycle: 1:1
Medium: MSL_5G_120804 Medium parameters used: f = 5210 MHz; σ = 5.177 mho/m; ε_r = 48.475; ρ =

1000 kg/m^3
Ambient Temperature：22.5 ℃；Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 -SN3792; ConvF(4.2, 4.2, 4.2); Calibrated: 2012/6/21;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Software: DASY5 Version; SEMCAD X Version 14.6.6 (6477)

Ch42/Area Scan (61x121x1): Measurement grid: dx=10mm, dy=10mm
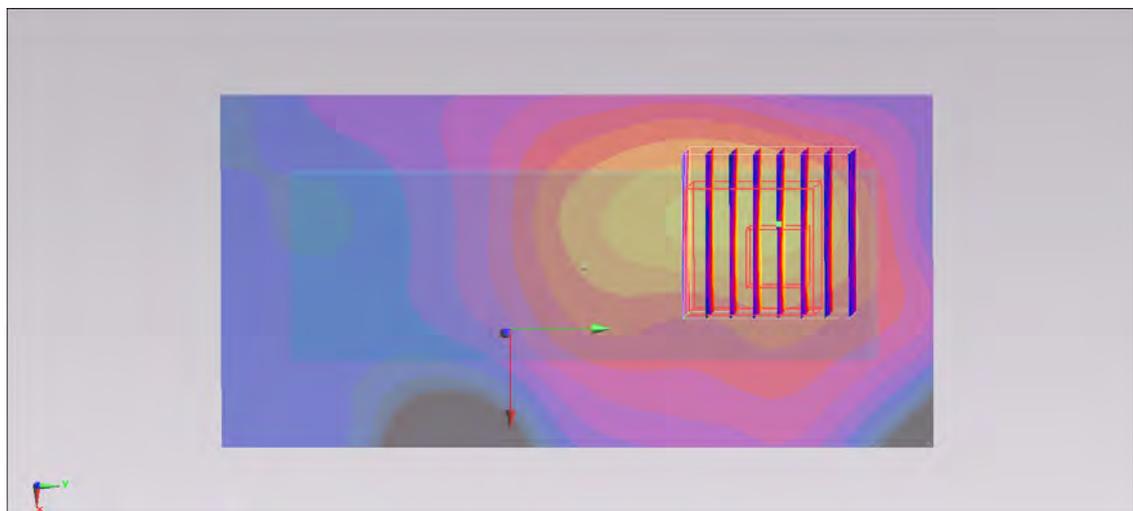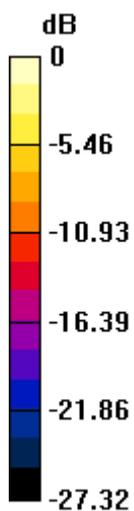Maximum value of SAR (interpolated) = 0.465 mW/g

Ch42/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 14.129 V/m; Power Drift = -0.116 dB
Peak SAR (extrapolated) = 3.599 mW/g
SAR(1 g) = 0.927 mW/g; SAR(10 g) = 0.269 mW/g
Maximum value of SAR (measured) = 1.91 mW/g

0 dB = 1.91 mW/g = 5.62 dB mW/g

#89 WLAN5G_802.11a_Horizontal Up_0.5cm_Ch165_Ant 0+1

DUT: 262930

Communication System: 802.11a; Frequency: 5825 MHz;Duty Cycle: 1:1
Medium: MSL_5G_120805 Medium parameters used : f = 5825 MHz; σ = 6.001 mho/m; ε_r = 46.47; ρ = 1000 kg/m^3
Ambient Temperature：22.3 ℃；Liquid Temperature：21.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(4.02, 4.02, 4.02); Calibrated: 2011/11/16;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP1127
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch165/Area Scan (61x121x1): Measurement grid: dx=10mm, dy=10mm
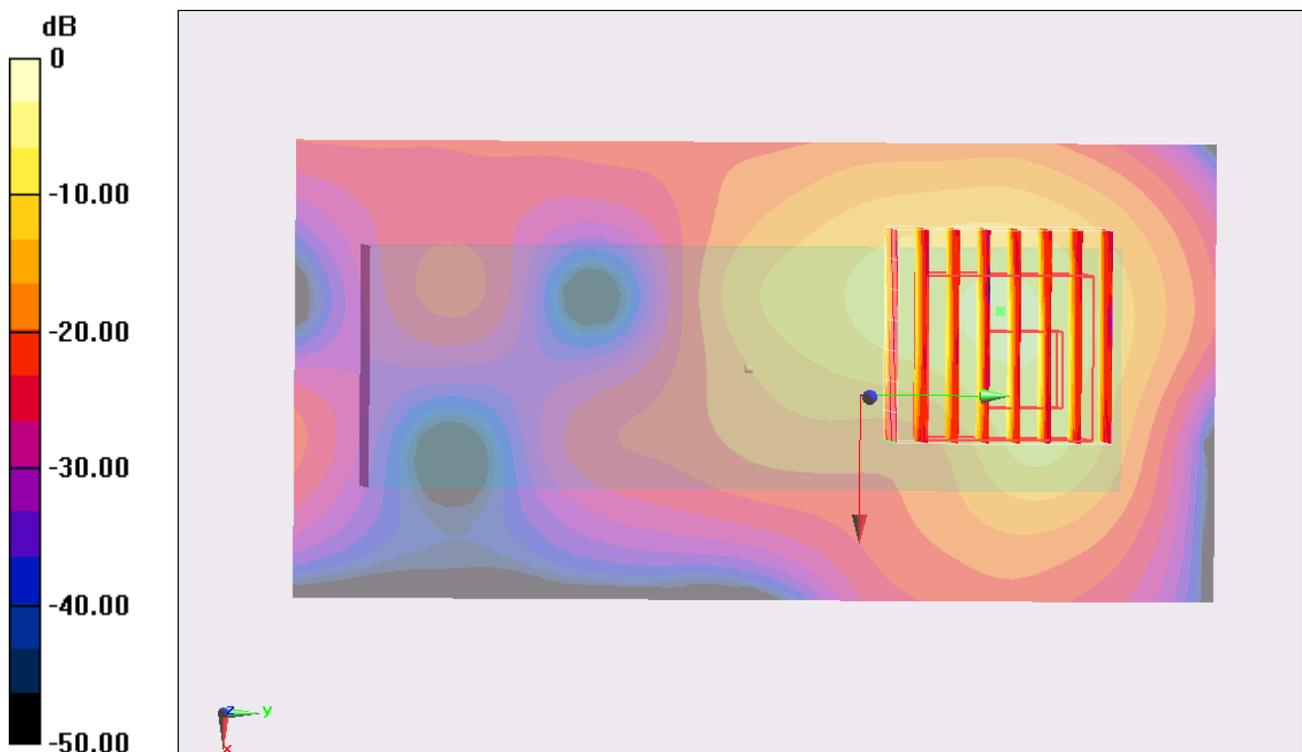Maximum value of SAR (interpolated) = 0.691 mW/g

Ch165/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 2.961 V/m; Power Drift = 0.159 dB
Peak SAR (extrapolated) = 4.983 mW/g
SAR(1 g) = 1.18 mW/g; SAR(10 g) = 0.323 mW/g
Maximum value of SAR (measured) = 2.50 mW/g

0 dB = 2.50 mW/g = 7.96 dB mW/g

#89 WLAN5G_802.11a_Horizontal Up_0.5cm_Ch165_Ant 0+1_2D

DUT: 262930

Communication System: 802.11a; Frequency: 5825 MHz;Duty Cycle: 1:1
Medium: MSL_5G_120805 Medium parameters used: f = 5825 MHz; σ = 6.001 mho/m; ε_r = 46.47; ρ = 1000 kg/m^3
Ambient Temperature：22.3 ℃；Liquid Temperature：21.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(4.02, 4.02, 4.02); Calibrated: 2011/11/16;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP1127
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch165/Area Scan (61x121x1): Measurement grid: dx=10mm, dy=10mm
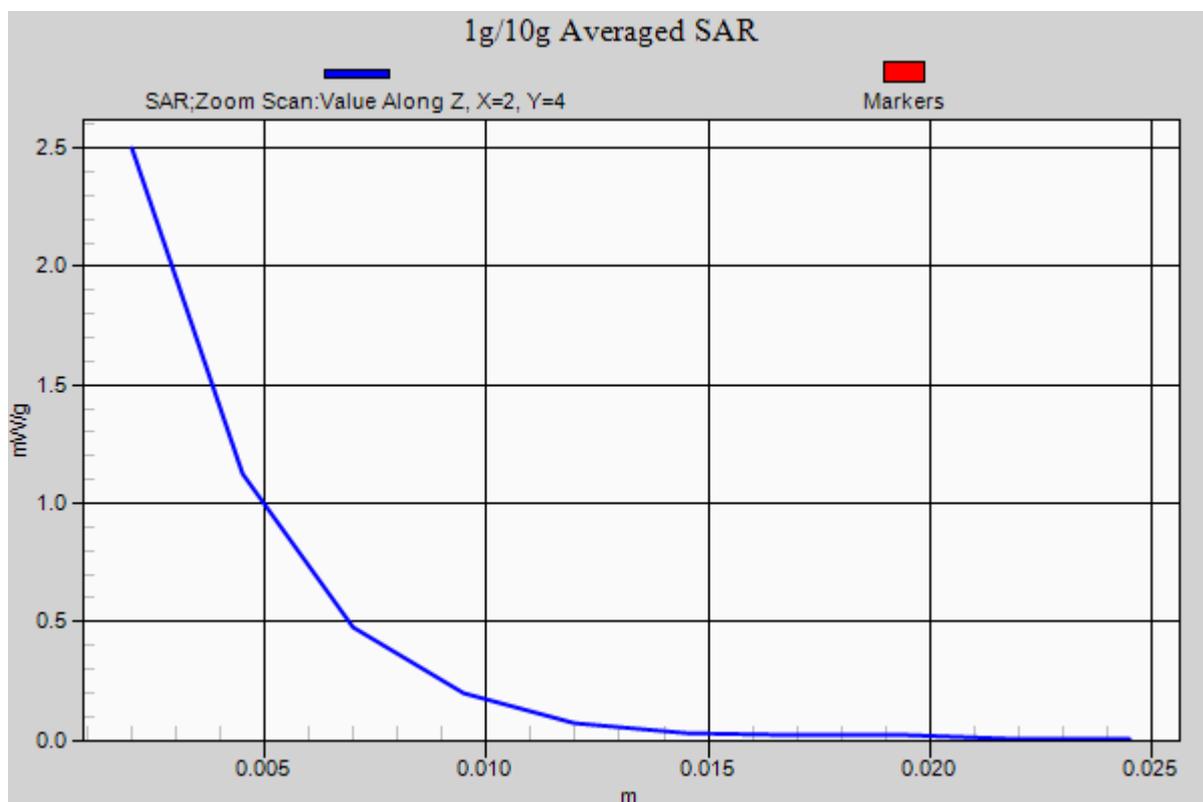Maximum value of SAR (interpolated) = 0.691 mW/g

Ch165/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 2.961 V/m; Power Drift = 0.159 dB
Peak SAR (extrapolated) = 4.983 mW/g
SAR(1 g) = 1.18 mW/g; SAR(10 g) = 0.323 mW/g
Maximum value of SAR (measured) = 2.50 mW/g

#70 WLAN5G_802.11a_Horizontal Down_0.5cm_Ch165_Ant 0+1

DUT: 262930

Communication System: 802.11a; Frequency: 5825 MHz;Duty Cycle: 1:1
Medium: MSL_5G_120805 Medium parameters used: f = 5825 MHz; σ = 6.001 mho/m; ε$_r$ = 46.47; ρ =

1000 kg/m^3
Ambient Temperature：22.3 ℃；Liquid Temperature：21.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(4.02, 4.02, 4.02); Calibrated: 2011/11/16;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP1127
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch165/Area Scan (61x121x1): Measurement grid: dx=10mm, dy=10mm
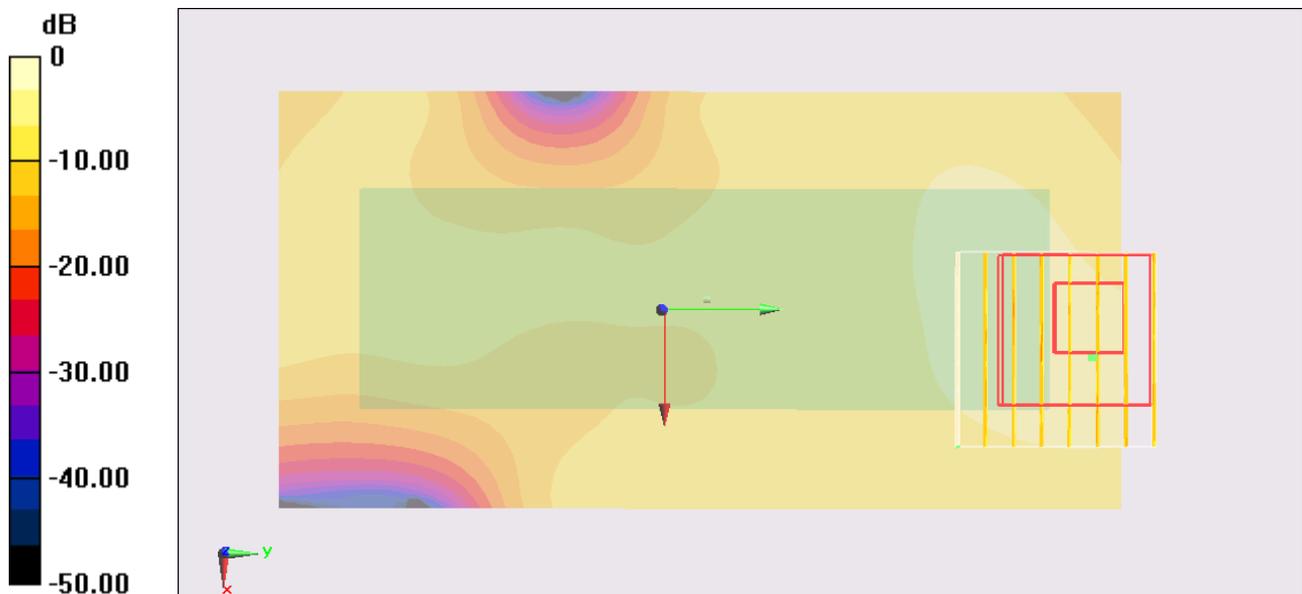Maximum value of SAR (interpolated) = 0.0542 mW/g

Ch165/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 1.602 V/m; Power Drift = 0.133 dB
Peak SAR (extrapolated) = 0.312 mW/g
SAR(1 g) = 0.092 mW/g; SAR(10 g) = 0.032 mW/g
Maximum value of SAR (measured) = 0.178 mW/g

0 dB = 0.178 mW/g = -14.99 dB mW/g

#73 WLAN5G_802.11a_Vertical Front_0.5cm_Ch165_Ant 0+1

DUT: 262930

Communication System: 802.11a; Frequency: 5825 MHz;Duty Cycle: 1:1
Medium: MSL_5G_120805 Medium parameters used : f = 5825 MHz; σ = 6.001 mho/m; ε_r = 46.47; ρ =

1000 kg/m^3
Ambient Temperature：22.3 ℃；Liquid Temperature：21.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(4.02, 4.02, 4.02); Calibrated: 2011/11/16;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP1127
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch165/Area Scan (81x141x1): Measurement grid: dx=10mm, dy=10mm
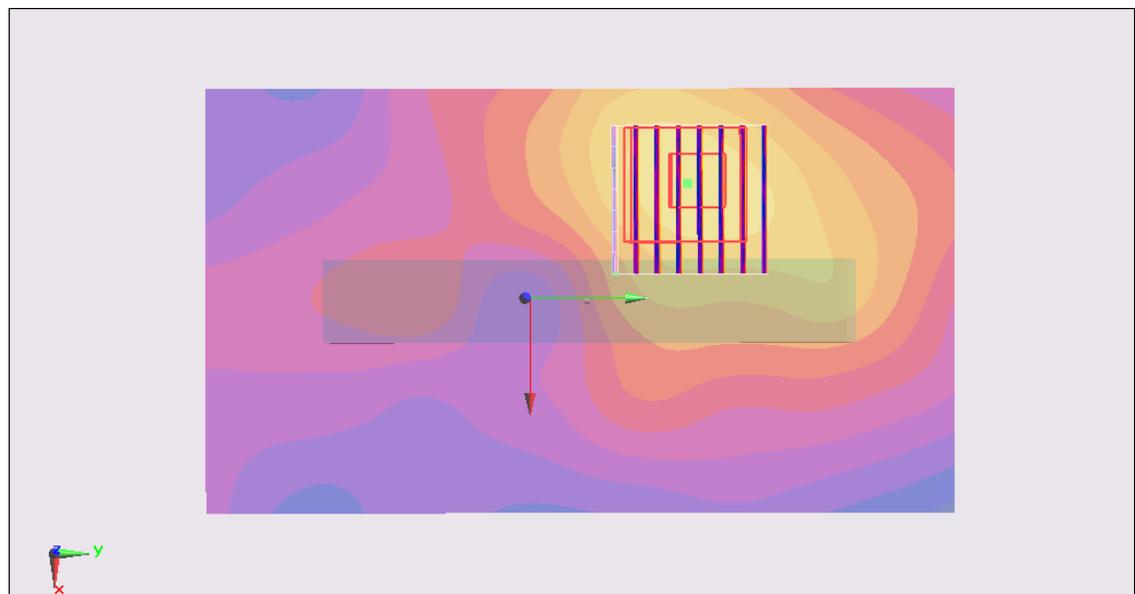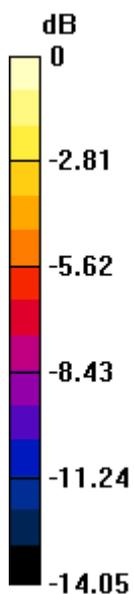Maximum value of SAR (interpolated) = 0.123 mW/g

Ch165/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 2.992 V/m; Power Drift = -0.151 dB
Peak SAR (extrapolated) = 0.414 mW/g
SAR(1 g) = 0.122 mW/g; SAR(10 g) = 0.062 mW/g
Maximum value of SAR (measured) = 0.200 mW/g

0 dB = 0.200 mW/g = -13.98 dB mW/g

#76 WLAN5G_802.11a_Vertical Back_0.5cm_Ch165_Ant 0+1

DUT: 262930

Communication System: 802.11a; Frequency: 5825 MHz;Duty Cycle: 1:1
Medium: MSL_5G_120805 Medium parameters used : f = 5825 MHz; σ = 6.001 mho/m; ε_r = 46.47; ρ =
1000 kg/m^3
Ambient Temperature：22.3 ℃；Liquid Temperature：21.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(4.02, 4.02, 4.02); Calibrated: 2011/11/16;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP1127
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch165/Area Scan (61x121x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.215 mW/g

Ch165/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 4.155 V/m; Power Drift = 0.151 dB
Peak SAR (extrapolated) = 0.856 mW/g
SAR(1 g) = 0.224 mW/g; SAR(10 g) = 0.079 mW/g
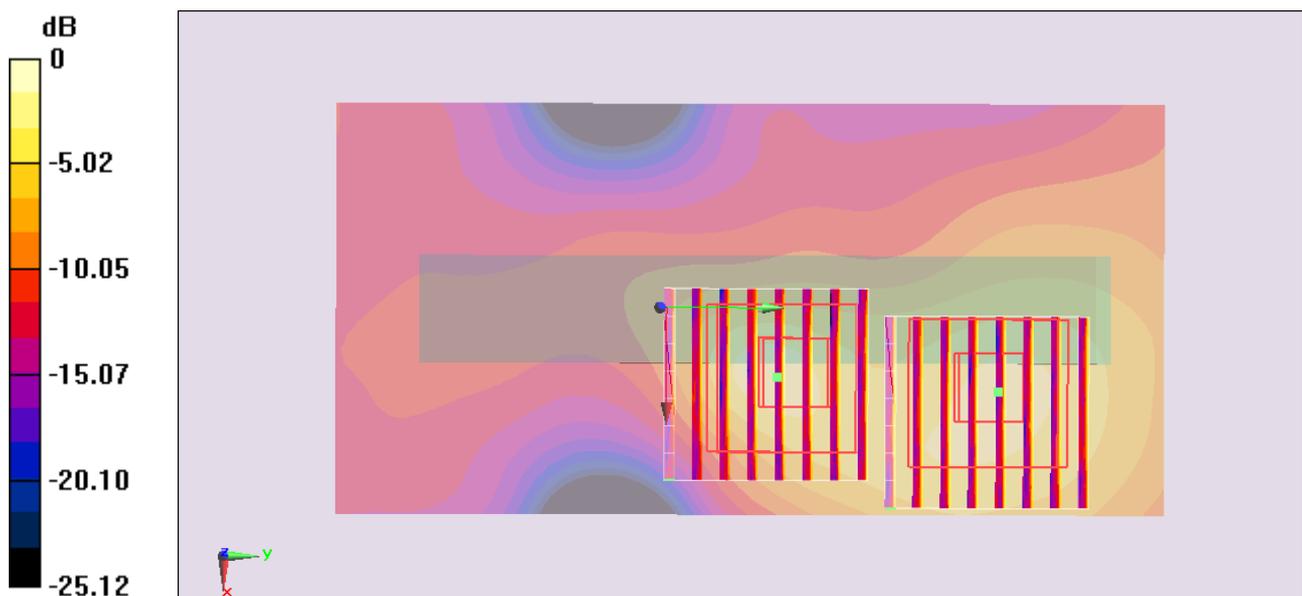Maximum value of SAR (measured) = 0.428 mW/g

Ch165/Zoom Scan (8x8x10)/Cube 1: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 4.155 V/m; Power Drift = 0.151 dB
Peak SAR (extrapolated) = 0.672 mW/g
SAR(1 g) = 0.193 mW/g; SAR(10 g) = 0.082 mW/g
Maximum value of SAR (measured) = 0.354 mW/g

0 dB = 0.354 mW/g = -9.02 dB mW/g

#90 WLAN5G_802.11a_Horizontal Up_0.5cm_Ch153_Ant 0+1

DUT: 262930

Communication System: 802.11a; Frequency: 5765 MHz;Duty Cycle: 1:1
Medium: MSL_5G_120805 Medium parameters used : f = 5765 MHz; σ = 5.91 mho/m; ε_r = 46.674; ρ =

1000 kg/m^3
Ambient Temperature：22.3 ℃；Liquid Temperature：21.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(4.02, 4.02, 4.02); Calibrated: 2011/11/16;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP1127
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch153/Area Scan (61x121x1): Measurement grid: dx=10mm, dy=10mm
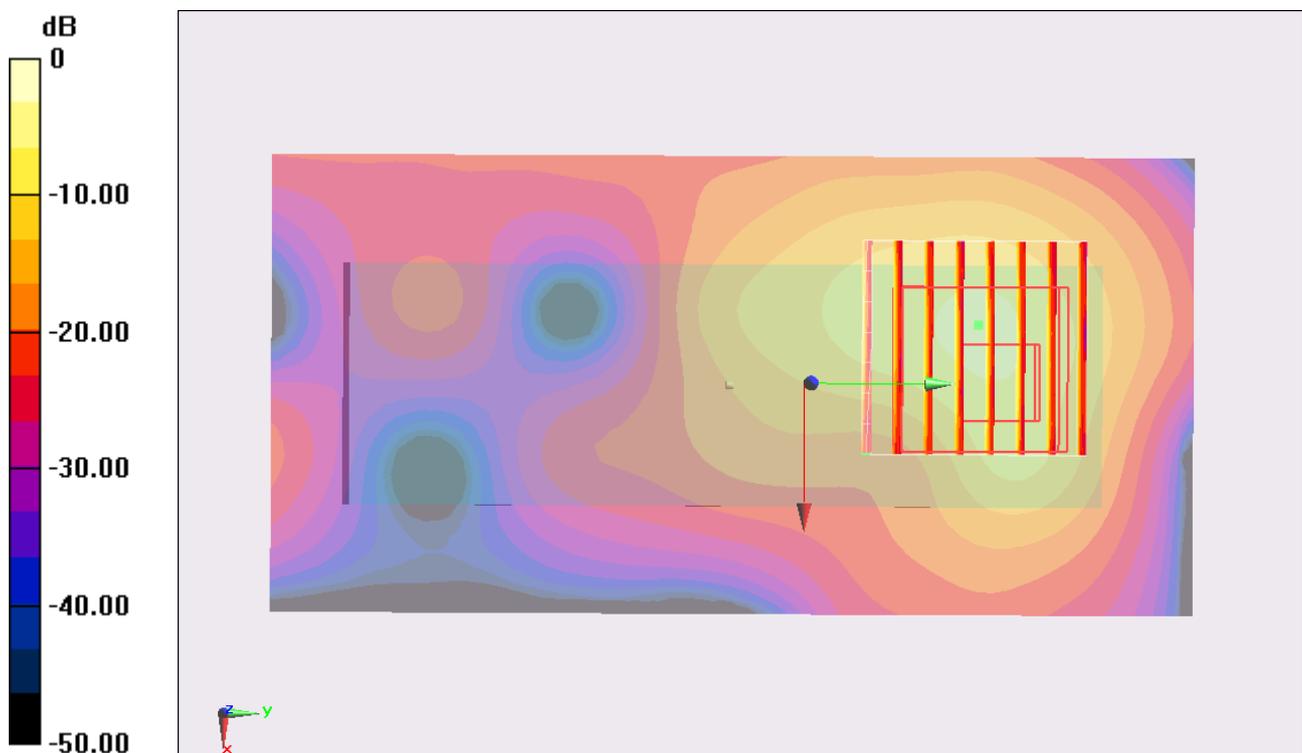Maximum value of SAR (interpolated) = 0.668 mW/g

Ch153/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 2.932 V/m; Power Drift = 0.119 dB
Peak SAR (extrapolated) = 4.811 mW/g
SAR(1 g) = 1.14 mW/g; SAR(10 g) = 0.312 mW/g
Maximum value of SAR (measured) = 2.41 mW/g

0 dB = 2.41 mW/g = 7.64 dB mW/g

#160 WLAN5G_802.11a_Horizontal Up_0.5cm_Ch157_Ant 0+1

DUT: 262930

Communication System: 802.11a; Frequency: 5785 MHz;Duty Cycle: 1:1
Medium: MSL_5G_120823 Medium parameters used : f = 5785 MHz; σ = 6.11 mho/m; ε_r = 47.844; ρ = 1000 kg/m^3
Ambient Temperature：22.4 ℃；Liquid Temperature：21.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3661; ConvF(4.02, 4.02, 4.02); Calibrated: 2012/1/27;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP1127
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch157/Area Scan (61x121x1): Measurement grid: dx=10 mm, dy=10 mm
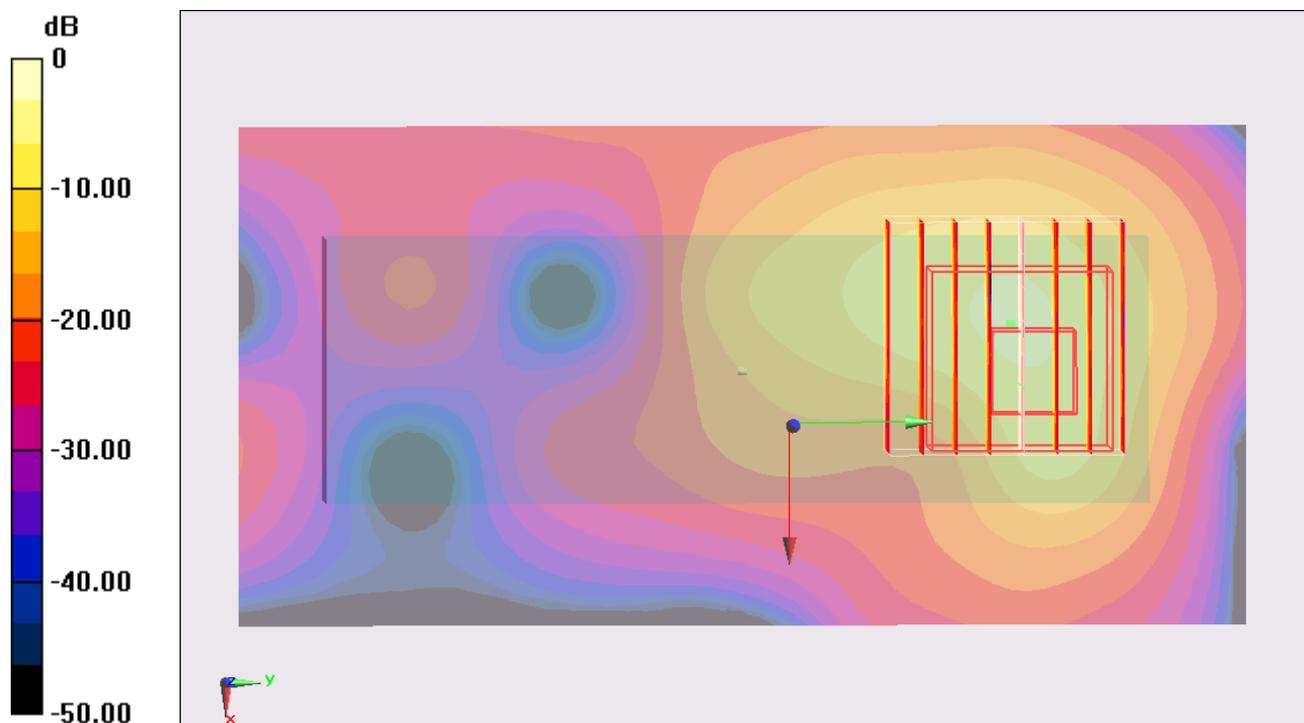Maximum value of SAR (interpolated) = 0.600 W/kg

Ch157/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 2.648 V/m; Power Drift = 0.175 dB
Peak SAR (extrapolated) = 4.532 mW/g
SAR(1 g) = 1.07 mW/g; SAR(10 g) = 0.287 mW/g
Maximum value of SAR (measured) = 2.26 W/kg

0 dB = 2.26 W/kg = 7.08 dB W/kg

#85 WLAN5G_802.11ac(80M)_Horizontal Up_0.5cm_Ch155_Ant 0+1

DUT: 262930

Communication System: 802.11ac; Frequency: 5775 MHz;Duty Cycle: 1:1
Medium: MSL_5G_120805 Medium parameters used: f = 5775 MHz; σ = 5.951 mho/m; ε_r = 47.263; ρ =

1000 kg/m^3
Ambient Temperature：22.3 ℃；Liquid Temperature：21.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(4.02, 4.02, 4.02); Calibrated: 2011/11/16;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP1127
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch155/Area Scan (61x121x1): Measurement grid: dx=10mm, dy=10mm
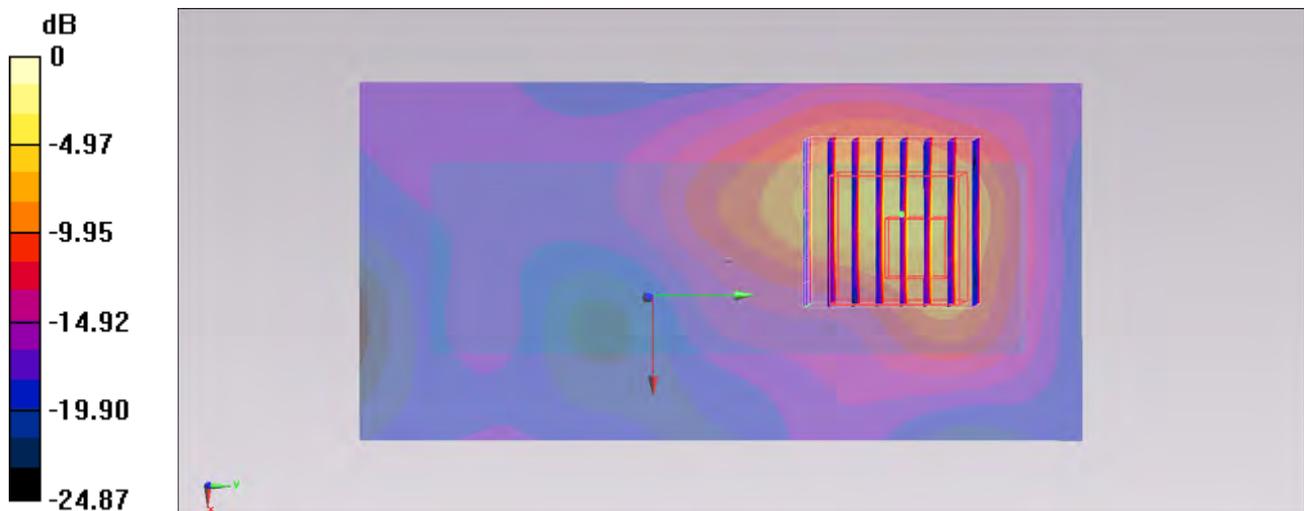Maximum value of SAR (interpolated) = 0.468 mW/g

Ch155/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 3.689 V/m; Power Drift = -0.122 dB
Peak SAR (extrapolated) = 3.430 mW/g
SAR(1 g) = 0.852 mW/g; SAR(10 g) = 0.263 mW/g
Maximum value of SAR (measured) = 1.73 mW/g

0 dB = 1.73 mW/g = 4.76 dB mW/g

#110 WLAN2.4G_802.11b_Horizontal Up_0.5cm_Ch6_Ant 0+1_Angle90

DUT: 262930

Communication System: 802.11b ; Frequency: 2437 MHz;Duty Cycle: 1:1
Medium: MSL_2450_120705 Medium parameters used: f = 2437 MHz; σ = 1.947 mho/m; ε_r =

52.813; ρ = 1000 kg/m^3
Ambient Temperature：22.6 ℃；Liquid Temperature：21.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3792; ConvF(7.1, 7.1, 7.1); Calibrated: 2012/6/21;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP1127
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch6/Area Scan (91x81x1): Measurement grid: dx=15mm, dy=15mm
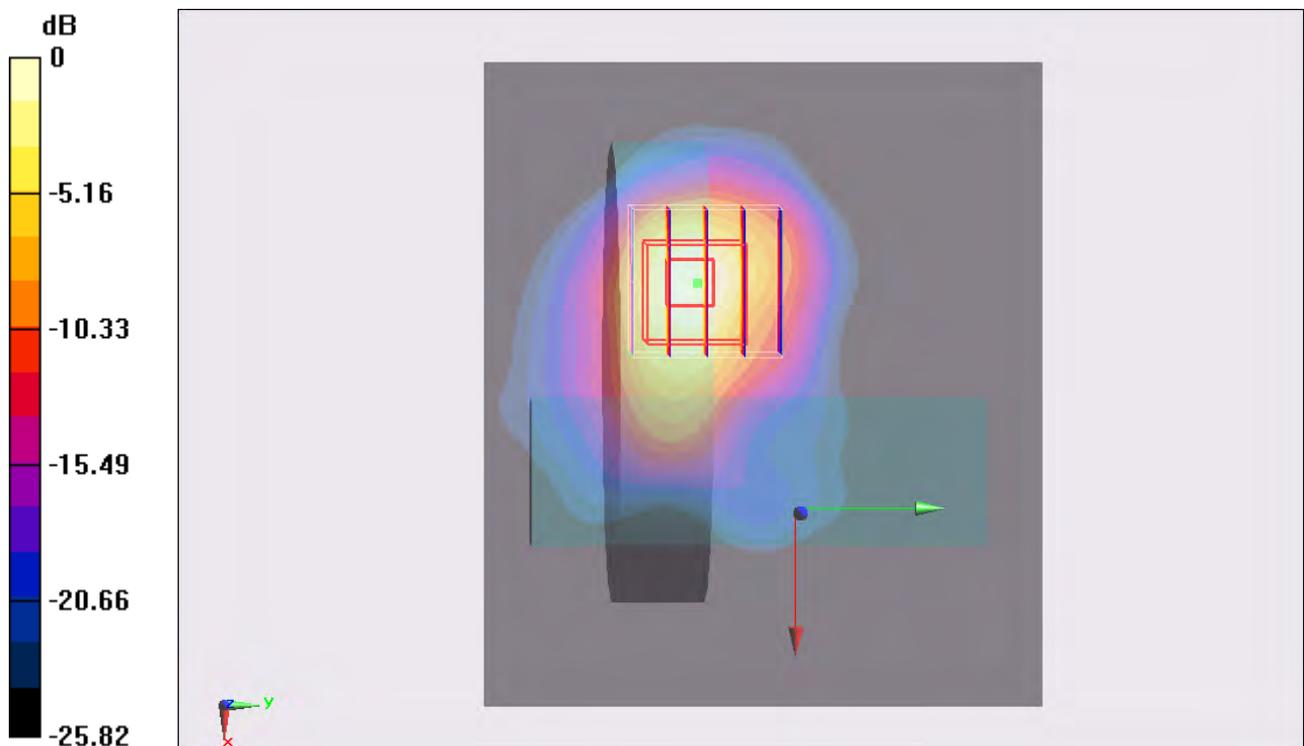Maximum value of SAR (interpolated) = 1.53 mW/g

Ch6/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 2.330 V/m; Power Drift = -0.12 dB
Peak SAR (extrapolated) = 2.737 mW/g
SAR(1 g) = 1.18 mW/g; SAR(10 g) = 0.500 mW/g
Maximum value of SAR (measured) = 1.32 mW/g

0 dB = 1.32 mW/g = 2.41 dB mW/g

#132 WLAN2.4G_802.11b_Horizontal Down_0.5cm_Ch6_Ant 0+1_Angle90

DUT: 262930

Communication System: 802.11b; Frequency: 2437 MHz;Duty Cycle: 1:1
Medium: MSL_2450_120728 Medium parameters used: f = 2437 MHz; σ = 1.947 mho/m; ε_r = 52.813; ρ

= 1000 kg/m^3
Ambient Temperature：22.5 ℃；Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3792; ConvF(7.1, 7.1, 7.1); Calibrated: 2012/6/21;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP1127
- Software: DASY5 Version; SEMCAD X Version 14.6.6 (6477)

Ch6/Area Scan (71x61x1): Measurement grid: dx=20mm, dy=20mm
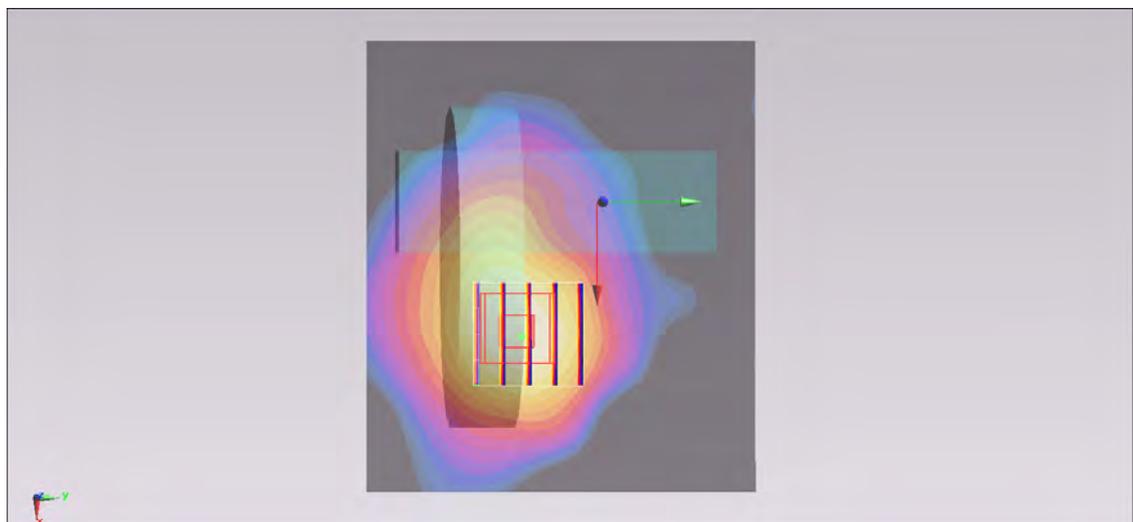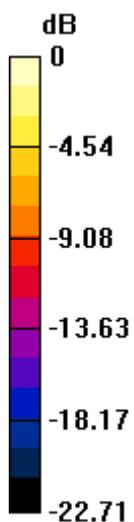Maximum value of SAR (interpolated) = 0.204 mW/g

Ch6/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 2.745 V/m; Power Drift = 0.035 dB
Peak SAR (extrapolated) = 0.311 mW/g
SAR(1 g) = 0.166 mW/g; SAR(10 g) = 0.086 mW/g
Maximum value of SAR (measured) = 0.181 mW/g

0 dB = 0.181 mW/g = -14.85 dB mW/g

#134 WLAN2.4G_802.11b_Vertical Front_0.5cm_Ch6_Ant 0+1_Angle90

DUT: 262930

Communication System: 802.11b; Frequency: 2437 MHz;Duty Cycle: 1:1
Medium: MSL_2450_120728 Medium parameters used: f = 2437 MHz; σ = 1.947 mho/m; ε_r = 52.813; ρ = 1000 kg/m^3
Ambient Temperature：22.5 ℃；Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3792; ConvF(7.1, 7.1, 7.1); Calibrated: 2012/6/21;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP1127
- Software: DASY5 Version; SEMCAD X Version 14.6.6 (6477)

Ch6/Area Scan (41x61x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.00709 mW/g

Ch6/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 0.644 V/m; Power Drift = 0.068 dB
Peak SAR (extrapolated) = 0.00833 mW/g
SAR(1 g) = 0.00443 mW/g; SAR(10 g) = 0.00288 mW/g
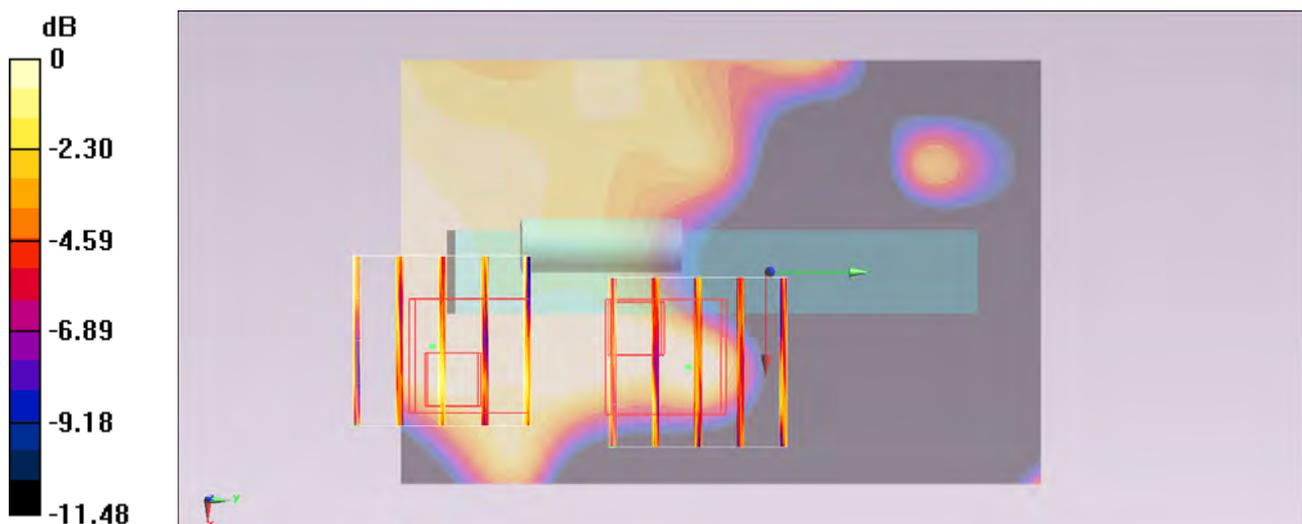Maximum value of SAR (measured) = 0.00570 mW/g

Ch6/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 0.644 V/m; Power Drift = 0.068 dB
Peak SAR (extrapolated) = 0.016 mW/g
SAR(1 g) = 0.0037 mW/g; SAR(10 g) = 0.00168 mW/g
Maximum value of SAR (measured) = 0.00431 mW/g

0 dB = 0.00431 mW/g = -47.31 dB mW/g

#136 WLAN2.4G_802.11b_Vertical Back_0.5cm_Ch6_Ant 0+1_Angle90

DUT: 262930

Communication System: 802.11b; Frequency: 2437 MHz;Duty Cycle: 1:1
Medium: MSL_2450_120728 Medium parameters used: f = 2437 MHz; σ = 1.947 mho/m; $ε_r$ = 52.813; ρ

= 1000 kg/m^3
Ambient Temperature：22.5 ℃；Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3792; ConvF(7.1, 7.1, 7.1); Calibrated: 2012/6/21;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP1127
- Software: DASY5 Version; SEMCAD X Version 14.6.6 (6477)

Ch6/Area Scan (31x61x1): Measurement grid: dx=20mm, dy=20mm
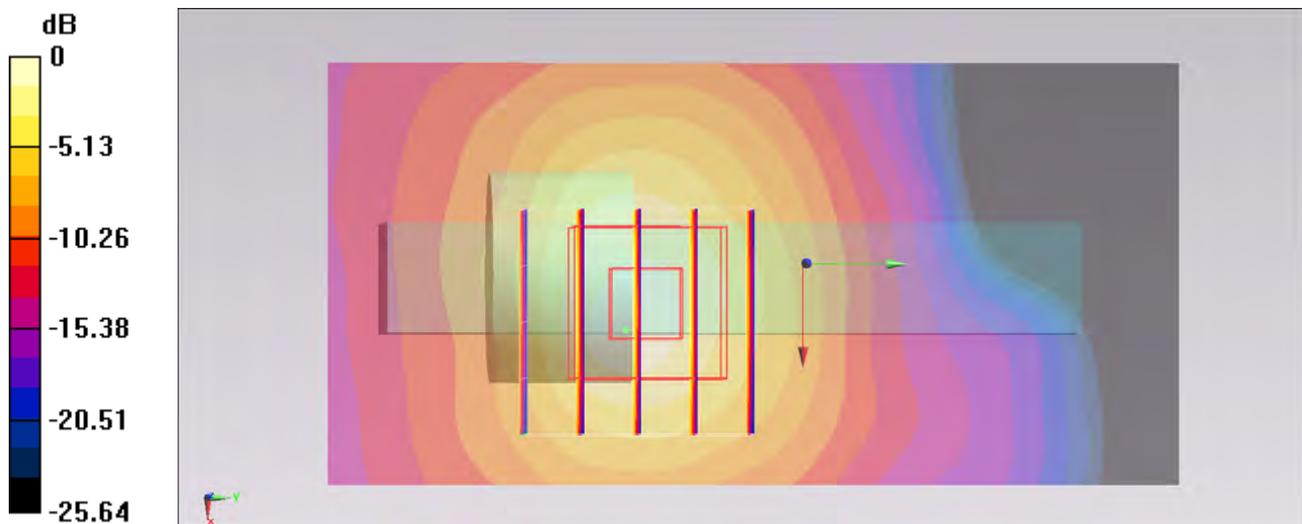Maximum value of SAR (interpolated) = 0.142 mW/g

Ch6/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.275 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 0.306 mW/g
SAR(1 g) = 0.152 mW/g; SAR(10 g) = 0.071 mW/g
Maximum value of SAR (measured) = 0.166 mW/g

0 dB = 0.166 mW/g = -15.60 dB mW/g

#138 WLAN2.4G_802.11b_Tip Mode_0.5cm_Ch6_Ant 0+1_Angle90

DUT: 262930

Communication System: 802.11b; Frequency: 2437 MHz;Duty Cycle: 1:1
Medium: MSL_2450_120728 Medium parameters used: f = 2437 MHz; σ = 1.947 mho/m; ε_r = 52.813; ρ

= 1000 kg/m^3
Ambient Temperature：22.5 ℃；Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3792; ConvF(7.1, 7.1, 7.1); Calibrated: 2012/6/21;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP1127
- Software: DASY5 Version; SEMCAD X Version 14.6.6 (6477)

Ch6/Area Scan (41x71x1): Measurement grid: dx=20mm, dy=20mm
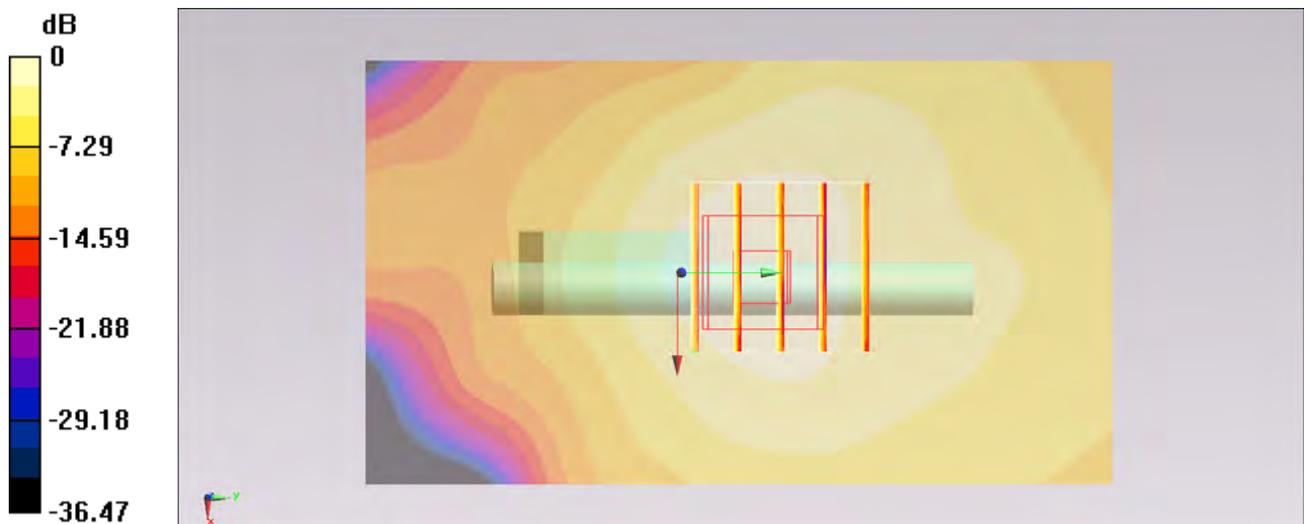Maximum value of SAR (interpolated) = 0.0380 mW/g

Ch6/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 3.049 V/m; Power Drift = 0.10 dB
Peak SAR (extrapolated) = 0.062 mW/g
SAR(1 g) = 0.035 mW/g; SAR(10 g) = 0.019 mW/g
Maximum value of SAR (measured) = 0.0387 mW/g

0 dB = 0.0387 mW/g = -28.25 dB mW/g

#112 WLAN2.4G_802.11b_Horizontal Up_0.5cm_Ch1_Ant 0+1_Angle90

DUT: 262930

Communication System: 802.11b; Frequency: 2412 MHz;Duty Cycle: 1:1
Medium: MSL_2450_120705 Medium parameters used: f = 2412 MHz; σ = 1.915 mho/m; ε_r =

52.896; ρ = 1000 kg/m^3
Ambient Temperature：22.6 ℃；Liquid Temperature：21.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3792; ConvF(7.1, 7.1, 7.1); Calibrated: 2012/6/21;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP1127
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch1/Area Scan (91x81x1): Measurement grid: dx=15mm, dy=15mm
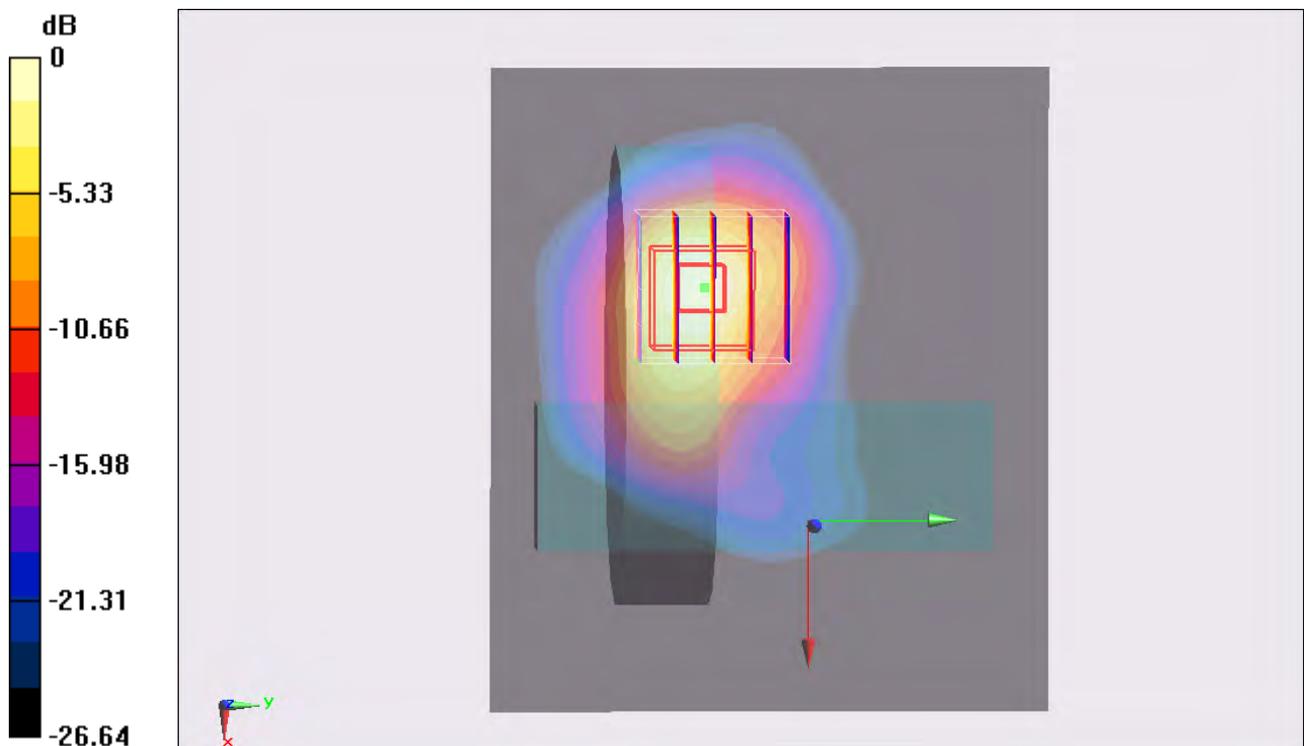Maximum value of SAR (interpolated) = 1.54 mW/g

Ch1/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 2.566 V/m; Power Drift = 0.10 dB
Peak SAR (extrapolated) = 2.594 mW/g
SAR(1 g) = 1.18 mW/g; SAR(10 g) = 0.508 mW/g
Maximum value of SAR (measured) = 1.34 mW/g

0 dB = 1.34 mW/g = 2.54 dB mW/g

#112 WLAN2.4G_802.11b_Horizontal Up_0.5cm_Ch1_Ant 0+1_Angle90_2D

DUT: 262930

Communication System: 802.11b; Frequency: 2412 MHz;Duty Cycle: 1:1
Medium: MSL_2450_120705 Medium parameters used: f = 2412 MHz; σ = 1.915 mho/m; ε$_r$ =

52.896; ρ = 1000 kg/m^3
Ambient Temperature：22.6 ℃；Liquid Temperature：21.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3792; ConvF(7.1, 7.1, 7.1); Calibrated: 2012/6/21;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP1127
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch1/Area Scan (91x81x1): Measurement grid: dx=15mm, dy=15mm
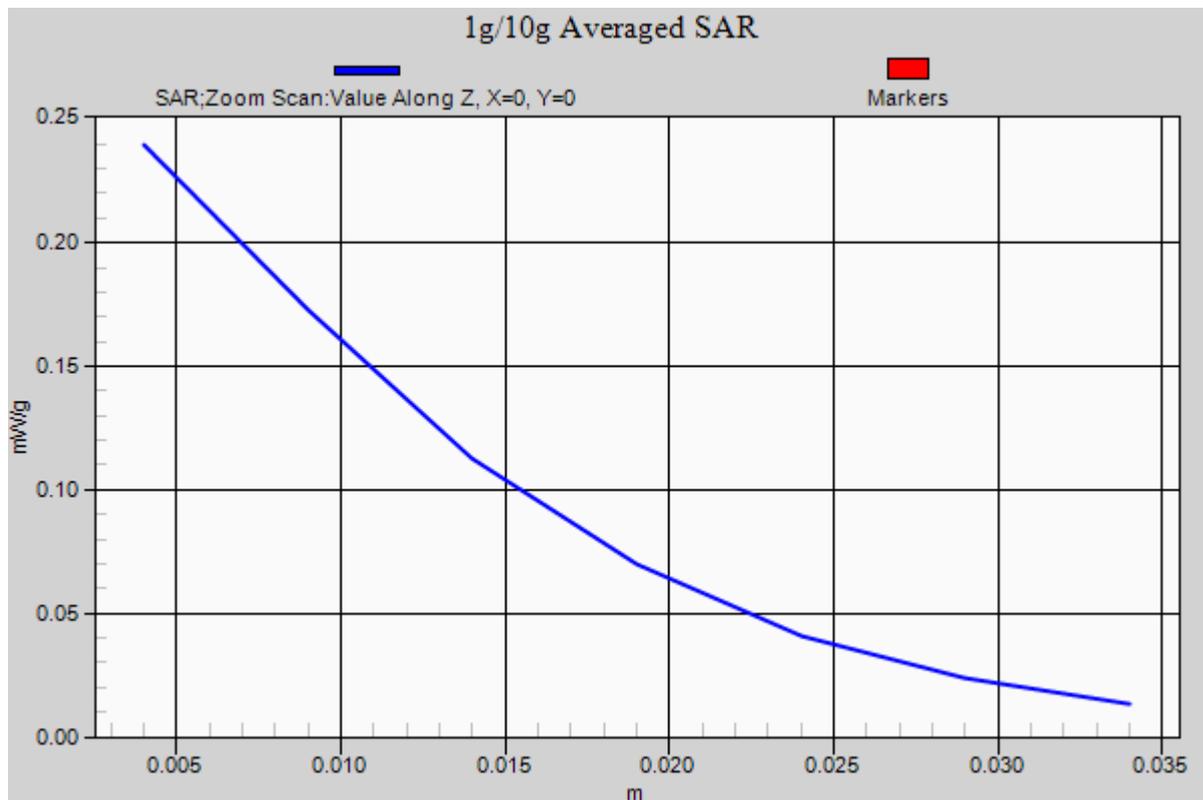Maximum value of SAR (interpolated) = 1.54 mW/g

Ch1/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 2.566 V/m; Power Drift = 0.10 dB
Peak SAR (extrapolated) = 2.594 mW/g
SAR(1 g) = 1.18 mW/g; SAR(10 g) = 0.508 mW/g
Maximum value of SAR (measured) = 1.34 mW/g

#113 WLAN2.4G_802.11b_Horizontal Up_0.5cm_Ch11_Ant 0+1_Angle90

DUT: 262930

Communication System: 802.11b; Frequency: 2462 MHz;Duty Cycle: 1:1
Medium: MSL_2450_120705 Medium parameters used: f = 2462 MHz; σ = 1.982 mho/m; ε_r =

52.719; ρ = 1000 kg/m^3
Ambient Temperature：22.6 ℃; Liquid Temperature：21.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3792; ConvF(7.1, 7.1, 7.1); Calibrated: 2012/6/21;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP1127
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch11/Area Scan (91x81x1): Measurement grid: dx=15mm, dy=15mm
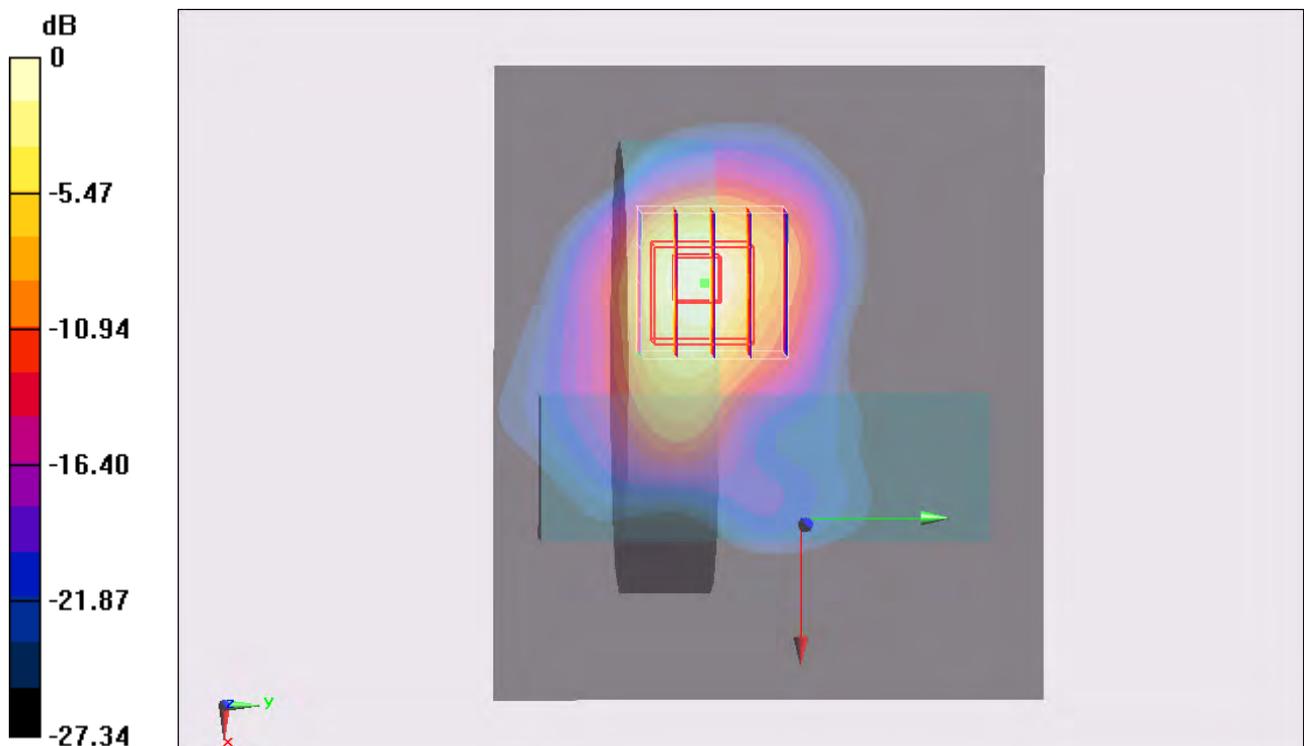Maximum value of SAR (interpolated) = 1.49 mW/g

Ch11/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 2.301 V/m; Power Drift = -0.14 dB
Peak SAR (extrapolated) = 2.551 mW/g
SAR(1 g) = 1.11 mW/g; SAR(10 g) = 0.464 mW/g
Maximum value of SAR (measured) = 1.26 mW/g

0 dB = 1.26 mW/g = 2.01 dB mW/g

#143 WLAN2.4G_802.11n(40M)_Horizontal Up_0.5cm_Ch3_Ant 0+1_Angle90

DUT: 262930

Communication System: 802.11n; Frequency: 2422 MHz;Duty Cycle: 1:1
Medium: MSL_2450_120705 Medium parameters used: f = 2422 MHz; σ = 1.926 mho/m; ε_r = 52.861; ρ

= 1000 kg/m^3
Ambient Temperature：22.6 ℃；Liquid Temperature：21.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3792; ConvF(7.1, 7.1, 7.1); Calibrated: 2012/6/21;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP1127
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch3/Area Scan (81x81x1): Measurement grid: dx=15mm, dy=15mm
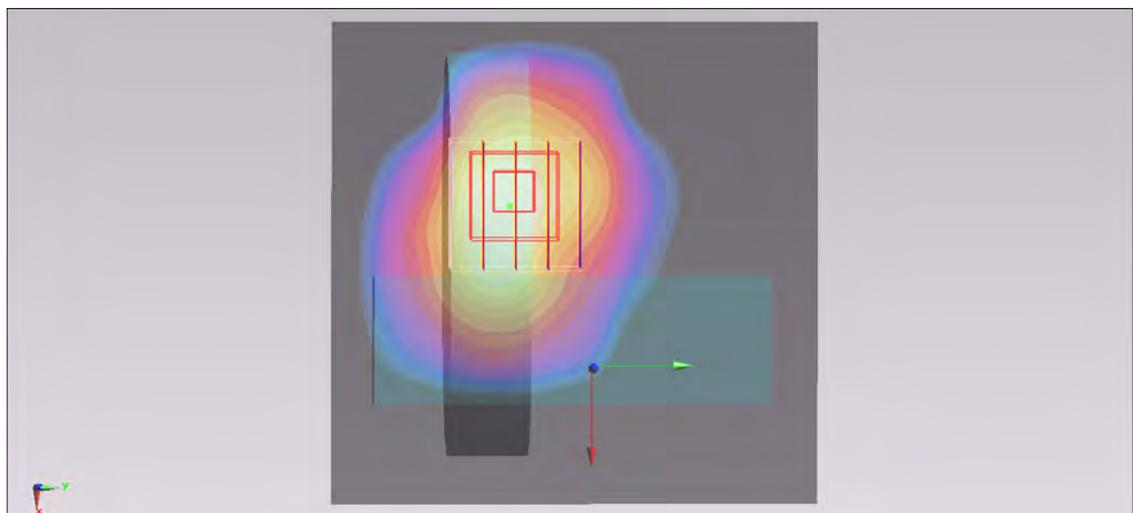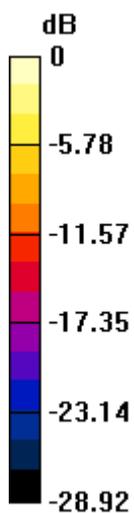Maximum value of SAR (interpolated) = 1.21 mW/g

Ch3/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 3.769 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 1.772 mW/g
SAR(1 g) = 0.899 mW/g; SAR(10 g) = 0.420 mW/g
Maximum value of SAR (measured) = 1.04 mW/g

0 dB = 1.04 mW/g = 0.34 dB mW/g

#146 WLAN2.4G_802.11n(40M)_Horizontal Up_0.5cm_Ch6_Ant 0+1_Angle90

DUT: 759627

Communication System: 802.11n; Frequency: 2437 MHz;Duty Cycle: 1:1
Medium: MSL_2450_120705 Medium parameters used: f = 2437 MHz; σ = 1.947 mho/m; ε_r = 52.813; ρ

= 1000 kg/m^3
Ambient Temperature：22.6 ℃；Liquid Temperature：21.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3792; ConvF(7.1, 7.1, 7.1); Calibrated: 2012/6/21;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP1127
-Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch6/Area Scan (71x61x1): Measurement grid: dx=20mm, dy=20mm
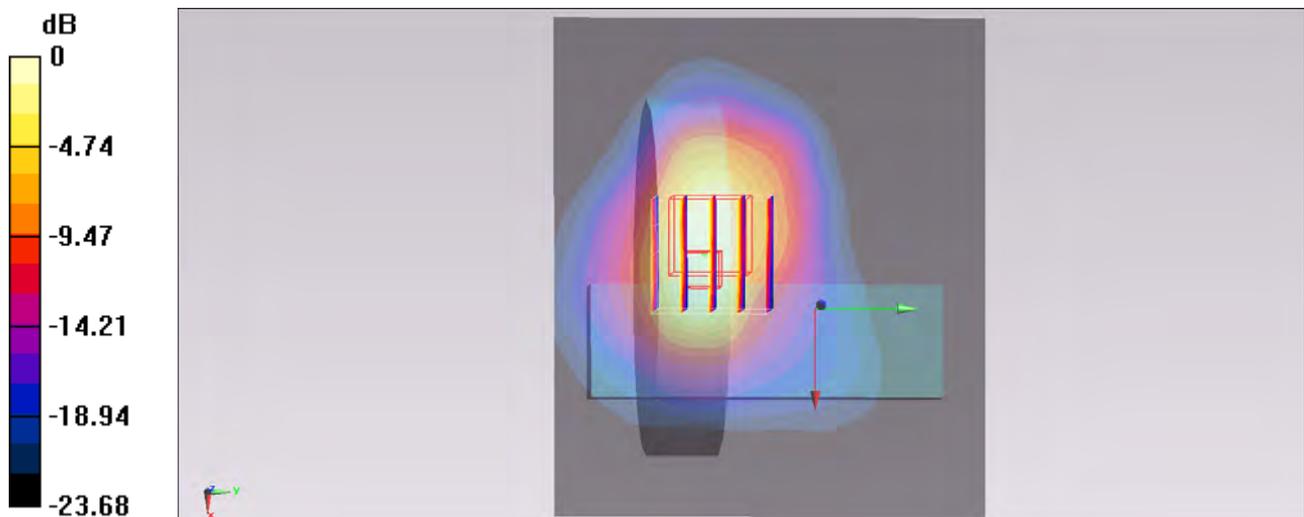Maximum value of SAR (interpolated) = 1.35 mW/g

Ch6/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm,
dz=5mm
Reference Value = 5.154 V/m; Power Drift = -0.048 dB
Peak SAR (extrapolated) = 2.244 mW/g
SAR(1 g) = 0.919 mW/g; SAR(10 g) = 0.439 mW/g
Maximum value of SAR (measured) = 1.11 mW/g

0 dB = 1.11 mW/g = 0.91 dB mW/g

#147 WLAN2.4G_802.11n(40M)_Horizontal Up_0.5cm_Ch9_Ant 0+1_Angle90

DUT: 759516

Communication System: 802.11n; Frequency: 2452 MHz;Duty Cycle: 1:1
Medium: MSL_2450_120705 Medium parameters used: f = 2452 MHz; σ = 1.968 mho/m; ε_r = 52.757; ρ
= 1000 kg/m^3
Ambient Temperature：22.6 ℃；Liquid Temperature：21.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3792; ConvF(7.1, 7.1, 7.1); Calibrated: 2012/6/21;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP1127
-Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch9/Area Scan (61x61x1): Measurement grid: dx=20mm, dy=20mm
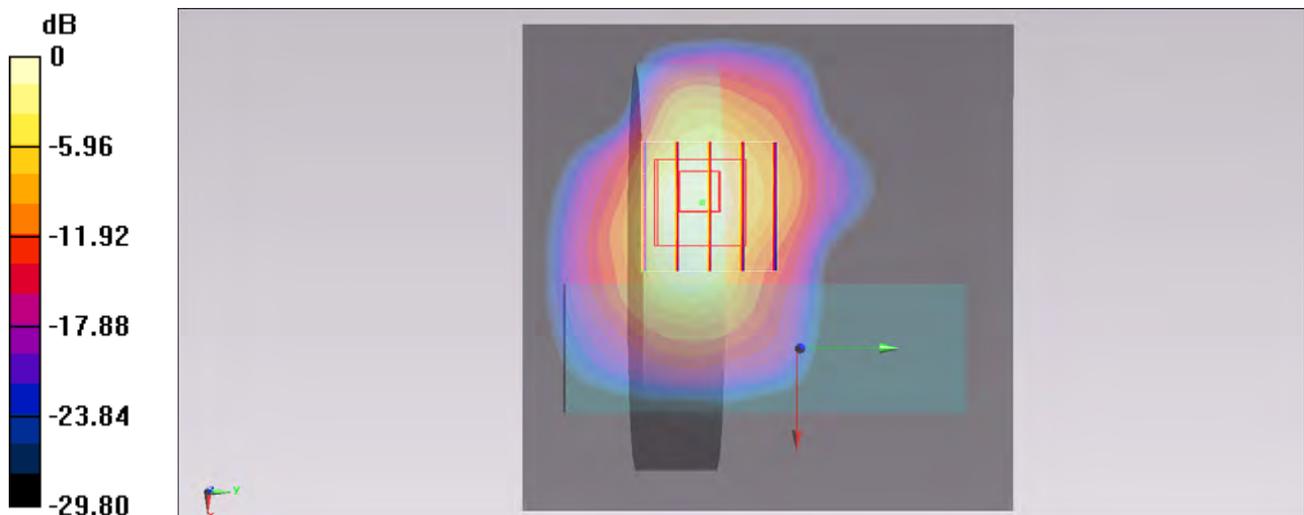Maximum value of SAR (interpolated) = 1.09 mW/g

Ch9/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 3.480 V/m; Power Drift = 0.068 dB
Peak SAR (extrapolated) = 1.864 mW/g
SAR(1 g) = 0.857 mW/g; SAR(10 g) = 0.399 mW/g
Maximum value of SAR (measured) = 0.921 mW/g

0 dB = 0.921 mW/g = -0.71 dB mW/g

#99 WLAN5G_802.11a_Horizontal Up_0.5cm_Ch36_Ant 0+1_Angle90

DUT: 262930

Communication System: 802.11a; Frequency: 5180 MHz;Duty Cycle: 1:1
Medium: MSL_5G_120804 Medium parameters used: f = 5180 MHz; σ = 5.134 mho/m; ε_r = 48.523; ρ =

1000 kg/m^3
Ambient Temperature：22.5 ℃；Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 -SN3792; ConvF(4.2, 4.2, 4.2); Calibrated: 2012/6/21;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Software: DASY5 Version; SEMCAD X Version 14.6.6 (6477)

Ch36/Area Scan (141x121x1): Measurement grid: dx=10mm, dy=10mm
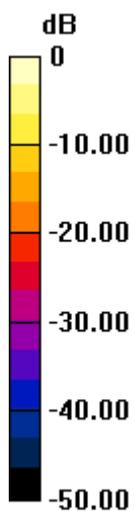Maximum value of SAR (interpolated) = 0.860 mW/g

Ch36/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 0.744 V/m; Power Drift = 0.105 dB
Peak SAR (extrapolated) = 2.842 mW/g
SAR(1 g) = 0.711 mW/g; SAR(10 g) = 0.208 mW/g
Maximum value of SAR (measured) = 1.40 mW/g

0 dB = 1.40 mW/g = 2.92 dB mW/g

#116 WLAN5G_802.11a_Horizontal Down_0.5cm_Ch36_Ant 0+1_Angle90

DUT: 262930

Communication System: 802.11a; Frequency: 5180 MHz;Duty Cycle: 1:1
Medium: MSL_5G_120804 Medium parameters used: f = 5180 MHz; σ = 5.134 mho/m; ε_r = 48.523; ρ =

1000 kg/m^3
Ambient Temperature：22.5 ℃；Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 -SN3792; ConvF(4.2, 4.2, 4.2); Calibrated: 2012/6/21;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Software: DASY5 Version; SEMCAD X Version 14.6.6 (6477)

Ch36/Area Scan (141x121x1): Measurement grid: dx=10mm, dy=10mm
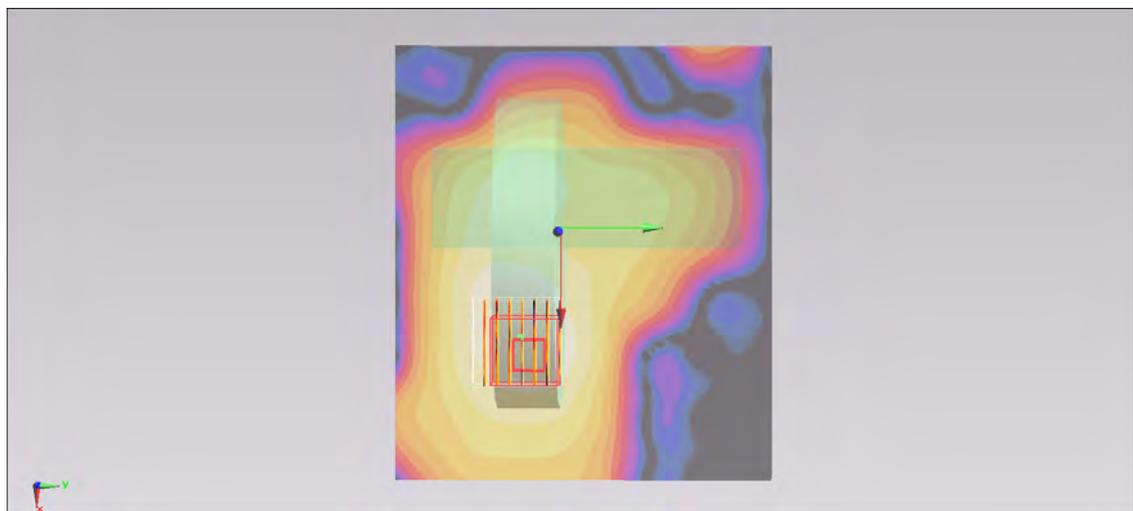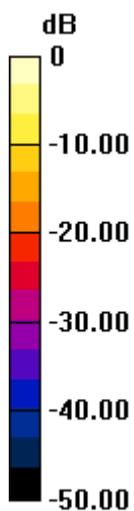Maximum value of SAR (interpolated) = 0.210 mW/g

Ch36/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm,
dz=2.5mm
Reference Value = 1.722 V/m; Power Drift = 0.181 dB
Peak SAR (extrapolated) = 0.344 mW/g
SAR(1 g) = 0.105 mW/g; SAR(10 g) = 0.042 mW/g
Maximum value of SAR (measured) = 0.191 mW/g

0 dB = 0.191 mW/g = -14.38 dB mW/g

#118 WLAN5G_802.11a_Vertical Front_0.5cm_Ch36_Ant 0+1_Angle90

DUT: 262930

Communication System: 802.11a; Frequency: 5180 MHz;Duty Cycle: 1:1
Medium: MSL_5G_120804 Medium parameters used: f = 5180 MHz; σ = 5.134 mho/m; ε_r = 48.523; ρ = 1000 kg/m^3
Ambient Temperature：22.5 ℃；Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 -SN3792; ConvF(4.2, 4.2, 4.2); Calibrated: 2012/6/21;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Software: DASY5 Version; SEMCAD X Version 14.6.6 (6477)

Ch36/Area Scan (81x121x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.0288 mW/g

Ch36/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 1.924 V/m; Power Drift = 0.055 dB
Peak SAR (extrapolated) = 0.124 mW/g
SAR(1 g) = 0.018 mW/g; SAR(10 g) = 0.00864 mW/g
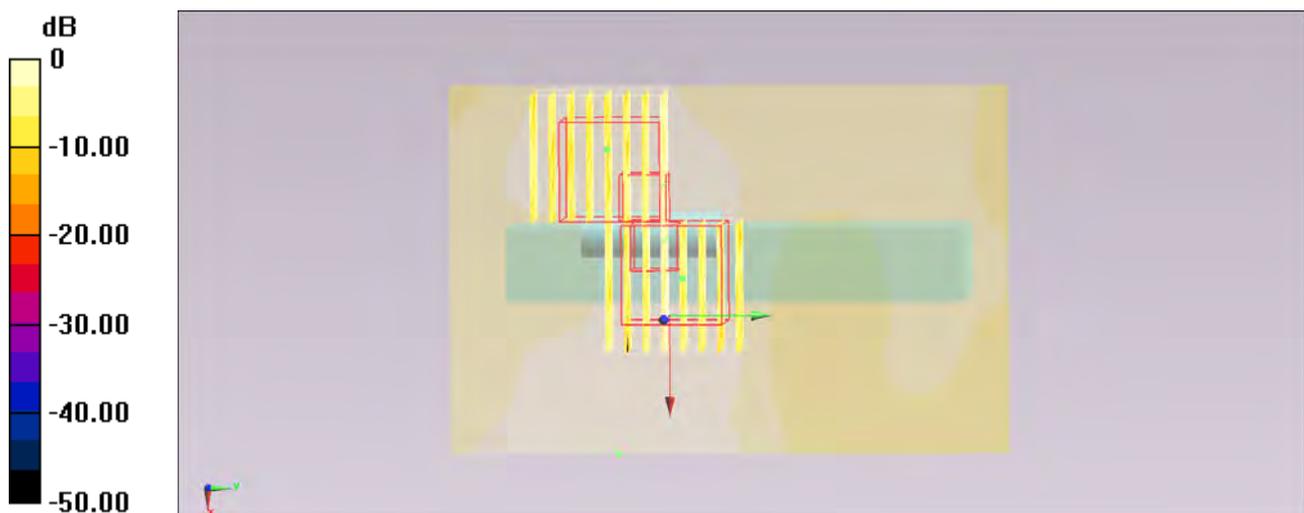Maximum value of SAR (measured) = 0.0309 mW/g

Ch36/Zoom Scan (8x8x10)/Cube 1: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 1.924 V/m; Power Drift = 0.055 dB
Peak SAR (extrapolated) = 0.178 mW/g
SAR(1 g) = 0.017 mW/g; SAR(10 g) = 0.00777 mW/g
Maximum value of SAR (measured) = 0.0328 mW/g

0 dB = 0.0328 mW/g = -29.68 dB mW/g

#120 WLAN5G_802.11a_Vertical Back_0.5cm_Ch36_Ant 0+1_Angle90

DUT: 262930

Communication System: 802.11a; Frequency: 5180 MHz;Duty Cycle: 1:1
Medium: MSL_5G_120804 Medium parameters used: f = 5180 MHz; σ = 5.134 mho/m; ε_r = 48.523; ρ = 1000 kg/m^3
Ambient Temperature：22.5 ℃；Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 -SN3792; ConvF(4.2, 4.2, 4.2); Calibrated: 2012/6/21;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Software: DASY5 Version; SEMCAD X Version 14.6.6 (6477)

Ch36/Area Scan (61x121x1): Measurement grid: dx=10mm, dy=10mm
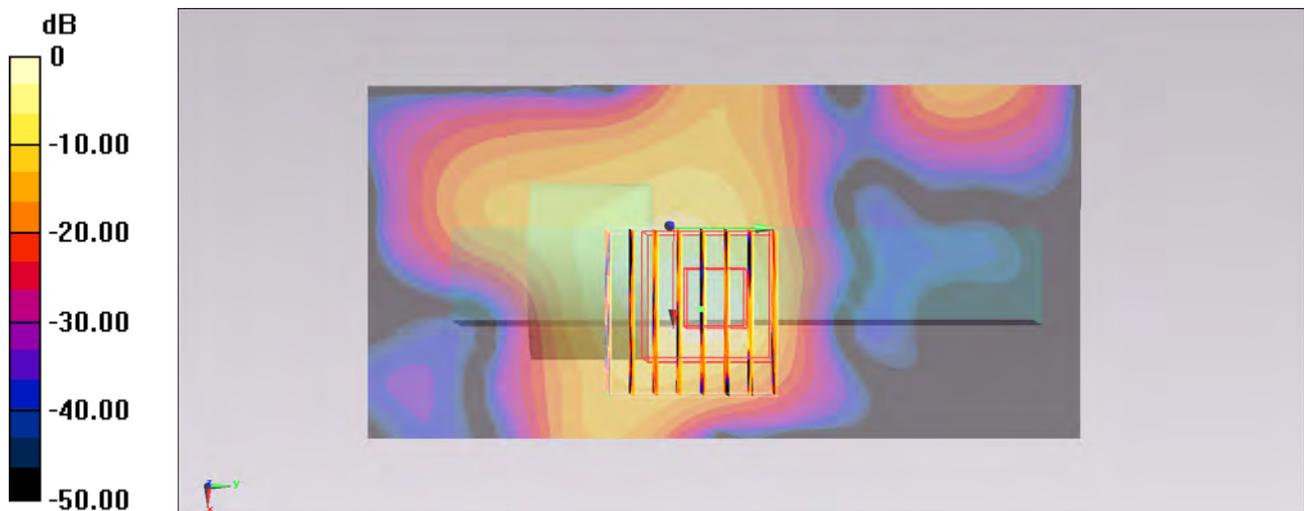Maximum value of SAR (interpolated) = 0.122 mW/g

Ch36/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 2.831 V/m; Power Drift = 0.189 dB
Peak SAR (extrapolated) = 0.212 mW/g
SAR(1 g) = 0.062 mW/g; SAR(10 g) = 0.019 mW/g
Maximum value of SAR (measured) = 0.125 mW/g

0 dB = 0.125 mW/g = -18.06 dB mW/g

#122 WLAN5G_802.11a_Tip Mode_0.5cm_Ch36_Ant 0+1_Angle90

DUT: 262930

Communication System: 802.11a; Frequency: 5180 MHz;Duty Cycle: 1:1
Medium: MSL_5G_120804 Medium parameters used: f = 5180 MHz; σ = 5.134 mho/m; ε$_r$ = 48.523; ρ = 1000 kg/m^3
Ambient Temperature：22.5 ℃；Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 -SN3792; ConvF(4.2, 4.2, 4.2); Calibrated: 2012/6/21;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Software: DASY5 Version; SEMCAD X Version 14.6.6 (6477)

Ch36/Area Scan (81x141x1): Measurement grid: dx=10mm, dy=10mm
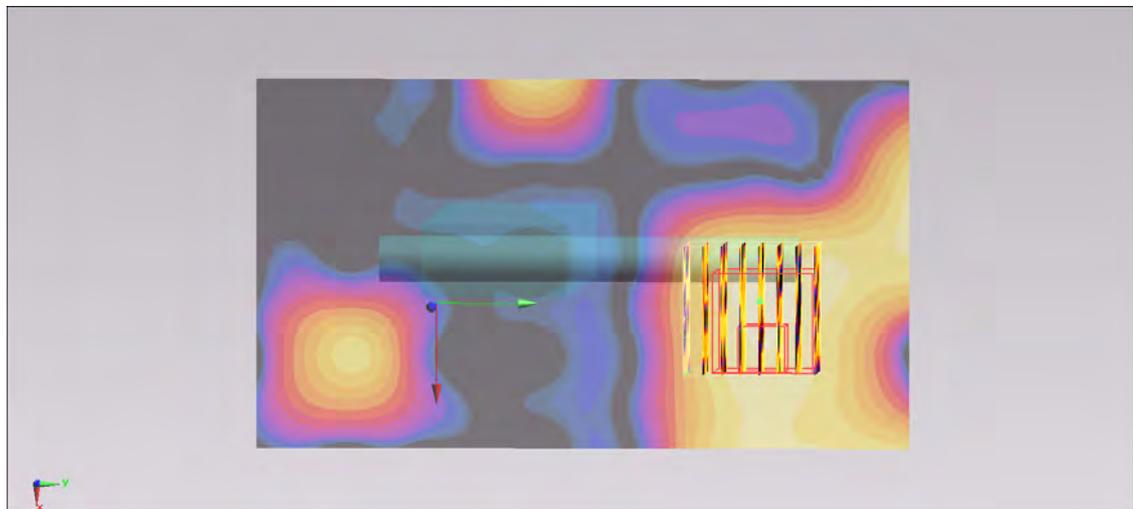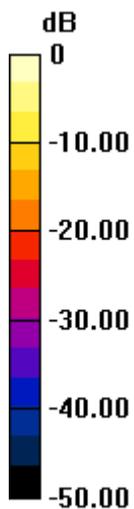Maximum value of SAR (interpolated) = 0.0240 mW/g

Ch36/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 0.956 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 0.047 mW/g
SAR(1 g) = 0.00473 mW/g; SAR(10 g) = 0.00141 mW/g
Maximum value of SAR (measured) = 0.0289 mW/g

0 dB = 0.0289 mW/g = -30.78 dB mW/g

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab   Date: 2012/8/5

#91 WLAN5G_802.11a_Horizontal Up_0.5cm_Ch165_Ant 0+1_Angle90

DUT: 262930

Communication System: 802.11a; Frequency: 5825 MHz;Duty Cycle: 1:1
Medium: MSL_5G_120805 Medium parameters used : f = 5825 MHz; σ = 6.001 mho/m; ε_r = 46.47; ρ =

1000 kg/m^3
Ambient Temperature：22.3 ℃；Liquid Temperature：21.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(4.02, 4.02, 4.02); Calibrated: 2011/11/16;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP1127
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch165/Area Scan (141x121x1): Measurement grid: dx=10mm, dy=10mm
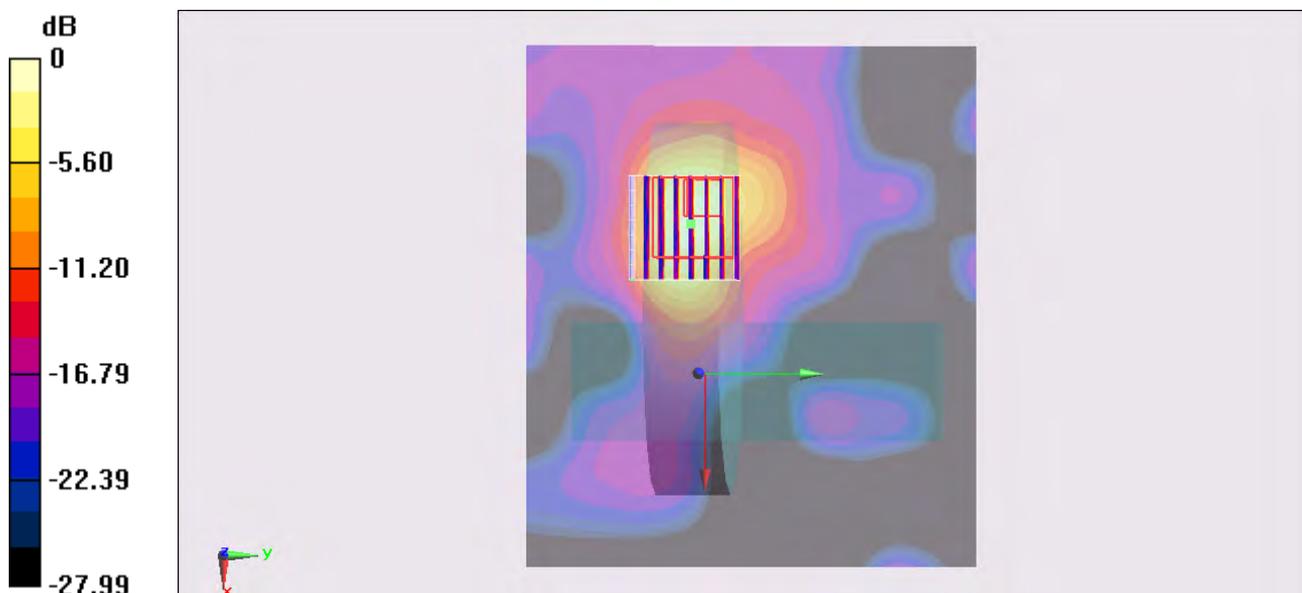Maximum value of SAR (interpolated) = 0.873 mW/g

Ch165/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm,
dz=2.5mm
Reference Value = 0.800 V/m; Power Drift = 0.088 dB
Peak SAR (extrapolated) = 4.176 mW/g
SAR(1 g) = 1.02 mW/g; SAR(10 g) = 0.253 mW/g
Maximum value of SAR (measured) = 1.06 mW/g

0 dB = 1.06 mW/g = 0.51 dB mW/g

#71 WLAN5G_802.11a_Horizontal Down_0.5cm_Ch165_Ant 0+1_Angle90

DUT: 262930

Communication System: 802.11a; Frequency: 5825 MHz;Duty Cycle: 1:1
Medium: MSL_5G_120805 Medium parameters used : f = 5825 MHz; σ = 6.001 mho/m; ε_r = 46.47; ρ = 1000 kg/m^3
Ambient Temperature：22.3 ℃；Liquid Temperature：21.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(4.02, 4.02, 4.02); Calibrated: 2011/11/16;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP1127
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch165/Area Scan (141x121x1): Measurement grid: dx=10mm, dy=10mm
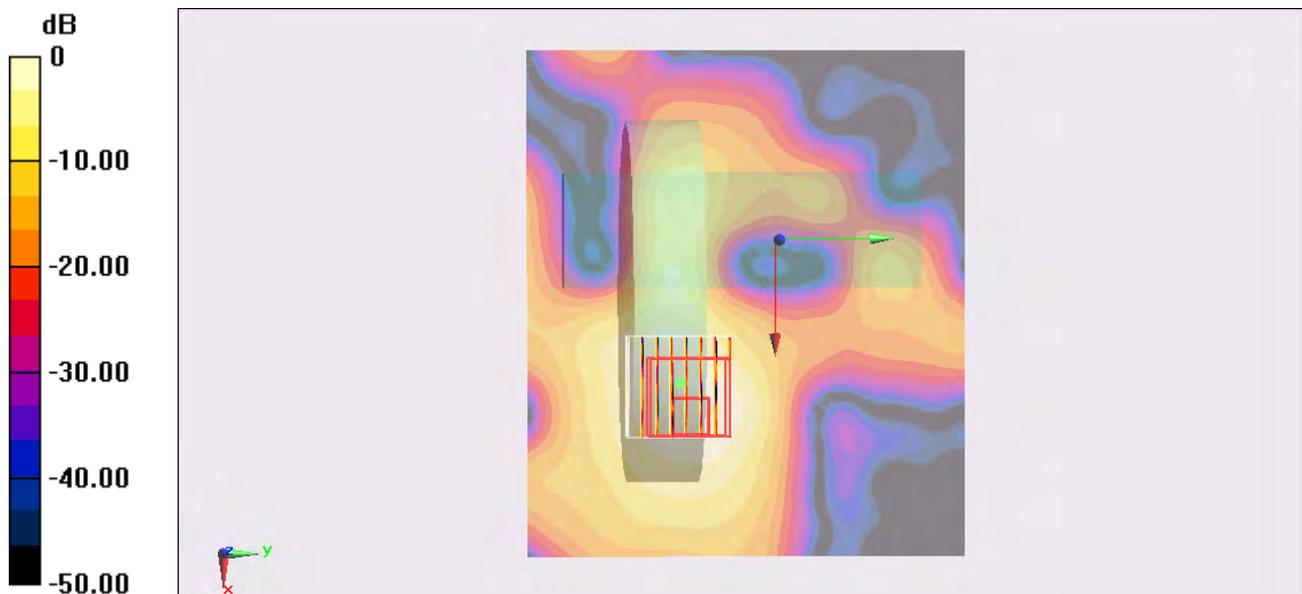Maximum value of SAR (interpolated) = 0.372 mW/g

Ch165/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 1.044 V/m; Power Drift = 0.113 dB
Peak SAR (extrapolated) = 0.640 mW/g
SAR(1 g) = 0.169 mW/g; SAR(10 g) = 0.061 mW/g
Maximum value of SAR (measured) = 0.322 mW/g

0 dB = 0.322 mW/g = -9.84 dB mW/g

#74 WLAN5G_802.11a_Vertical Front_0.5cm_Ch165_Ant 0+1_Angle90

DUT: 262930

Communication System: 802.11a; Frequency: 5825 MHz;Duty Cycle: 1:1
Medium: MSL_5G_120805 Medium parameters used : f = 5825 MHz; σ = 6.001 mho/m; $ε_r$ = 46.47; ρ =

1000 kg/m^3
Ambient Temperature：22.3 ℃；Liquid Temperature：21.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(4.02, 4.02, 4.02); Calibrated: 2011/11/16;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP1127
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch165/Area Scan (81x121x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.0319 mW/g

Ch165/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 1.652 V/m; Power Drift = 0.108 dB
Peak SAR (extrapolated) = 0.082 mW/g
SAR(1 g) = 0.019 mW/g; SAR(10 g) = 0.013 mW/g
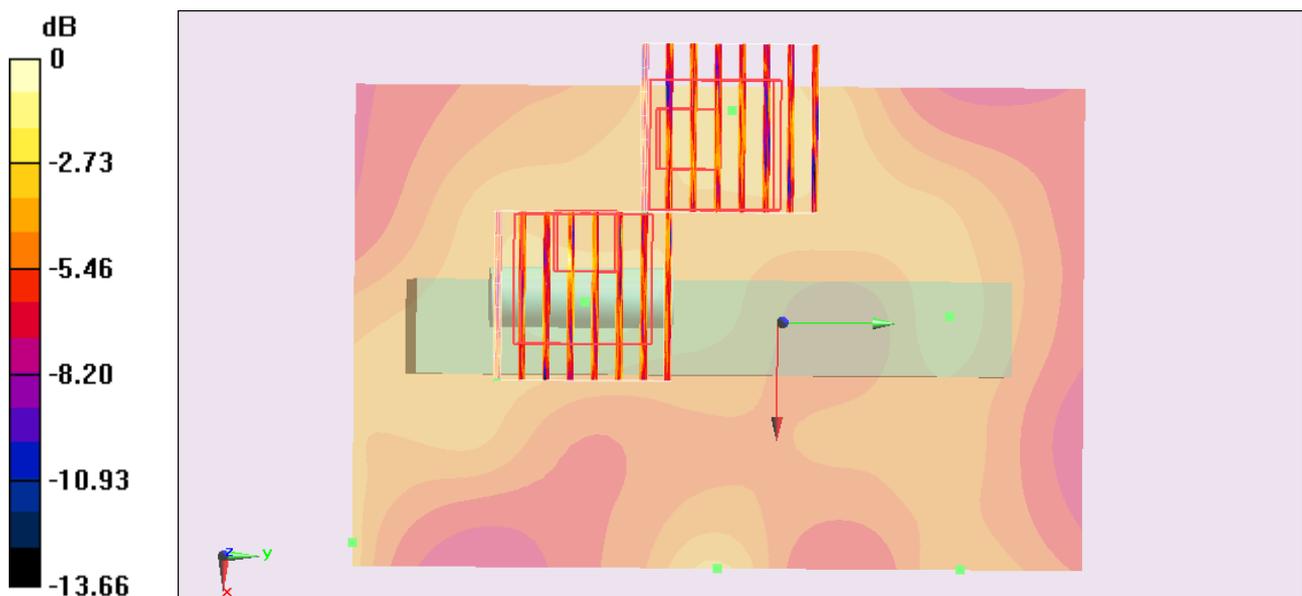Maximum value of SAR (measured) = 0.0295 mW/g

Ch165/Zoom Scan (8x8x10)/Cube 1: Measurement grid: dx=4mm, dy=4mm,
dz=2.5mm
Reference Value = 1.652 V/m; Power Drift = 0.108 dB
Peak SAR (extrapolated) = 0.085 mW/g
SAR(1 g) = 0.017 mW/g; SAR(10 g) = 0.00782 mW/g
Maximum value of SAR (measured) = 0.0502 mW/g

0 dB = 0.0502 mW/g = -25.99 dB mW/g

#77 WLAN5G_802.11a_Vertical Back_0.5cm_Ch165_Ant 0+1_Angle90

DUT: 262930

Communication System: 802.11a; Frequency: 5825 MHz;Duty Cycle: 1:1
Medium: MSL_5G_120805 Medium parameters used : f = 5825 MHz; σ = 6.001 mho/m; ε_r = 46.47; ρ = 1000 kg/m^3
Ambient Temperature：22.3 ℃；Liquid Temperature：21.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(4.02, 4.02, 4.02); Calibrated: 2011/11/16;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP1127
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch165/Area Scan (61x121x1): Measurement grid: dx=10mm, dy=10mm
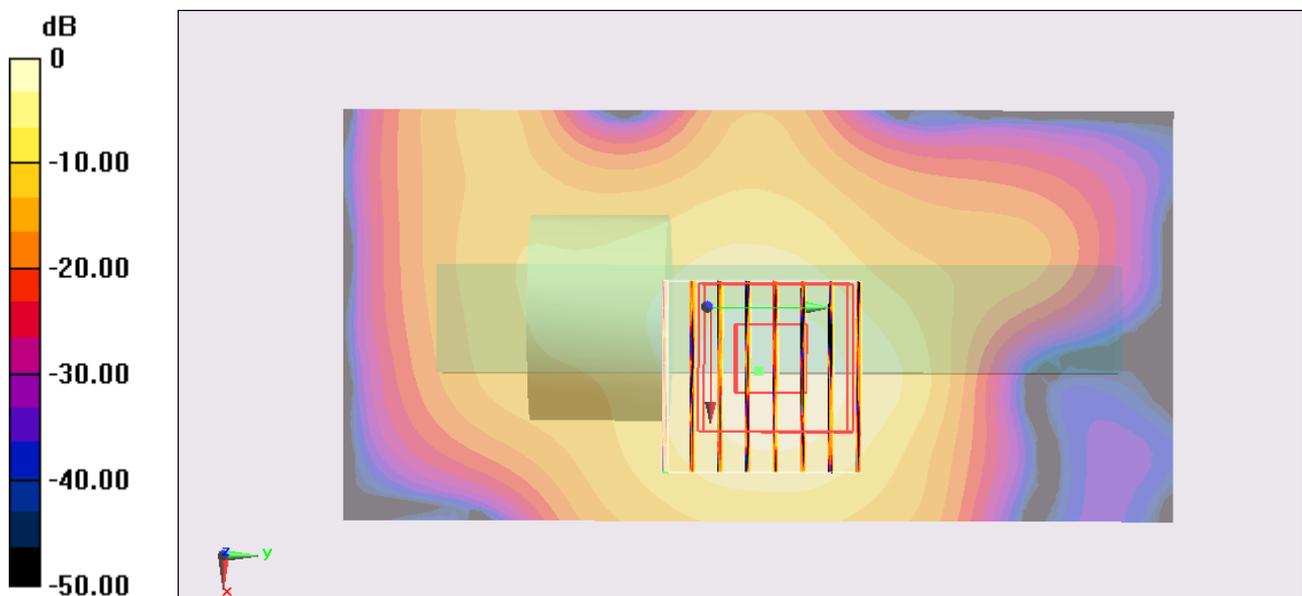Maximum value of SAR (interpolated) = 0.157 mW/g

Ch165/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 3.396 V/m; Power Drift = 0.161 dB
Peak SAR (extrapolated) = 0.301 mW/g
SAR(1 g) = 0.081 mW/g; SAR(10 g) = 0.026 mW/g
Maximum value of SAR (measured) = 0.180 mW/g

0 dB = 0.180 mW/g = -14.89 dB mW/g

#79 WLAN5G_802.11a_Tip Mode_0.5cm_Ch165_Ant 0+1_Angle90

DUT: 262930

Communication System: 802.11a; Frequency: 5825 MHz;Duty Cycle: 1:1
Medium: MSL_5G_120805 Medium parameters used : f = 5825 MHz; σ = 6.001 mho/m; ε_r = 46.47; ρ =

1000 kg/m^3
Ambient Temperature：22.3 ℃；Liquid Temperature：21.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(4.02, 4.02, 4.02); Calibrated: 2011/11/16;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP1127
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch165/Area Scan (101x161x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.0244 mW/g

Ch165/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 1.462 V/m; Power Drift = -0.106 dB
Peak SAR (extrapolated) = 0.084 mW/g
SAR(1 g) = 0.00963 mW/g; SAR(10 g) = 0.0036 mW/g
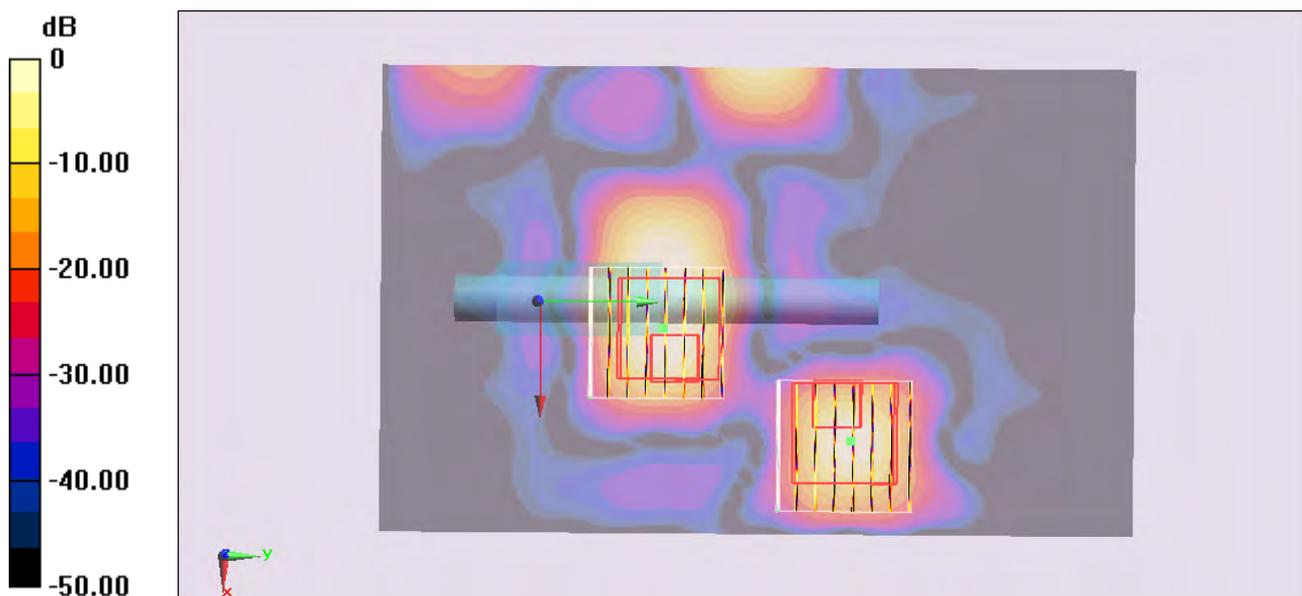Maximum value of SAR (measured) = 0.0233 mW/g

Ch165/Zoom Scan (8x8x10)/Cube 1: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 1.462 V/m; Power Drift = -0.106 dB
Peak SAR (extrapolated) = 0.074 mW/g
SAR(1 g) = 0.00697 mW/g; SAR(10 g) = 0.00217 mW/g
Maximum value of SAR (measured) = 0.0171 mW/g

0 dB = 0.0171 mW/g = -35.34 dB mW/g

#92 WLAN5G_802.11a_Horizontal Up_0.5cm_Ch153_Ant 0+1_Angle90

DUT: 262930

Communication System: 802.11a; Frequency: 5765 MHz;Duty Cycle: 1:1
Medium: MSL_5G_120805 Medium parameters used : f = 5765 MHz; σ = 5.91 mho/m; ε_r = 46.674; ρ =

1000 kg/m^3
Ambient Temperature：22.3 ℃；Liquid Temperature：21.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(4.02, 4.02, 4.02); Calibrated: 2011/11/16;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP1127
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch153/Area Scan (141x121x1): Measurement grid: dx=10mm, dy=10mm
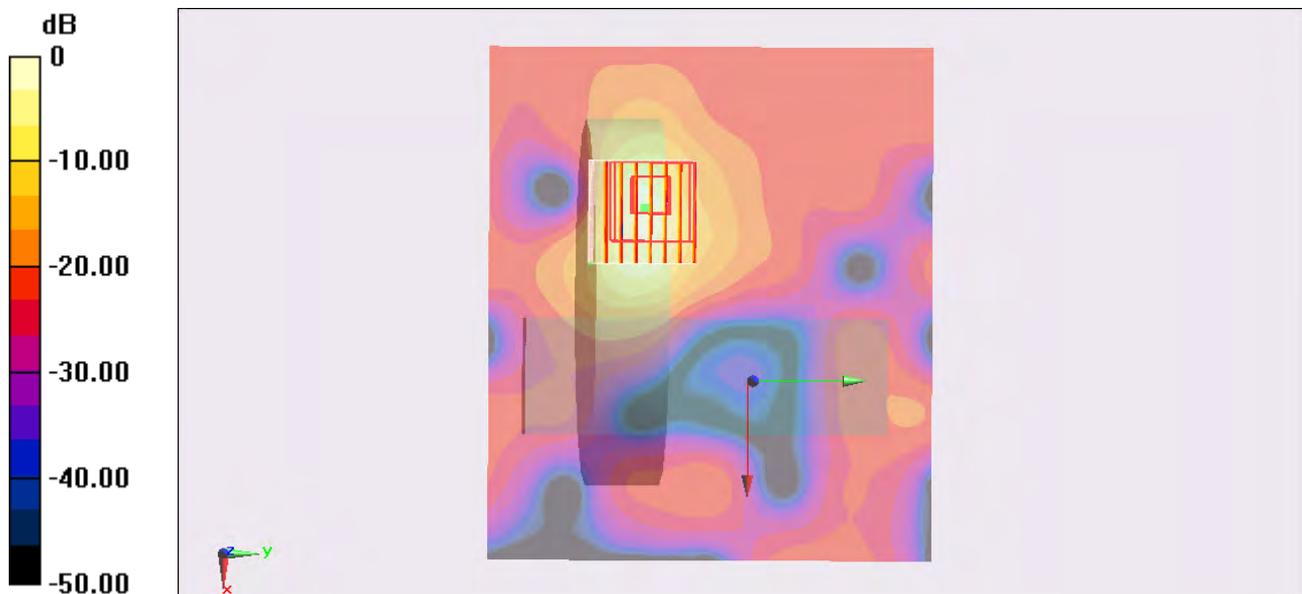Maximum value of SAR (interpolated) = 1.18 mW/g

Ch153/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 0.925 V/m; Power Drift = 0.097 dB
Peak SAR (extrapolated) = 3.516 mW/g
SAR(1 g) = 0.946 mW/g; SAR(10 g) = 0.246 mW/g
Maximum value of SAR (measured) = 1.91 mW/g

0 dB = 1.91 mW/g = 5.62 dB mW/g

#152 WLAN5G_802.11a_Horizontal Up_0.5cm_Ch157_Ant 0+1_Angle90

DUT: 262930

Communication System: 802.11a; Frequency: 5785 MHz;Duty Cycle: 1:1
Medium: MSL_5G_120829 Medium parameters used : f = 5785 MHz; σ = 6.11 mho/m; ε_r = 47.844; ρ =

1000 kg/m^3
Ambient Temperature：22.6 ℃；Liquid Temperature：21.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(4.02, 4.02, 4.02); Calibrated: 2011/11/16;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP1127
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch157/Area Scan (141x121x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.874 mW/g

Ch157/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 1.278 V/m; Power Drift = 0.060 dB
Peak SAR (extrapolated) = 4.096 mW/g
SAR(1 g) = 0.978 mW/g; SAR(10 g) = 0.264 mW/g
Maximum value of SAR (measured) = 2.09 mW/g

0 dB = 2.09 mW/g = 6.40 dB mW/g

#111 WLAN2.4G_802.11b_Horizontal Up_0.5cm_Ch6_Ant 0+1_Angle180

DUT: 262930

Communication System: 802.11b; Frequency: 2437 MHz;Duty Cycle: 1:1
Medium: MSL_2450_120705 Medium parameters used: f = 2437 MHz; σ = 1.947 mho/m; ε_r =

52.813; ρ = 1000 kg/m^3
Ambient Temperature：22.6 ℃；Liquid Temperature：21.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3792; ConvF(7.1, 7.1, 7.1); Calibrated: 2012/6/21;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP1127
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch6/Area Scan (41x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.970 mW/g

Ch6/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.807 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 2.263 mW/g
SAR(1 g) = 1 mW/g; SAR(10 g) = 0.433 mW/g
Maximum value of SAR (measured) = 1.19 mW/g
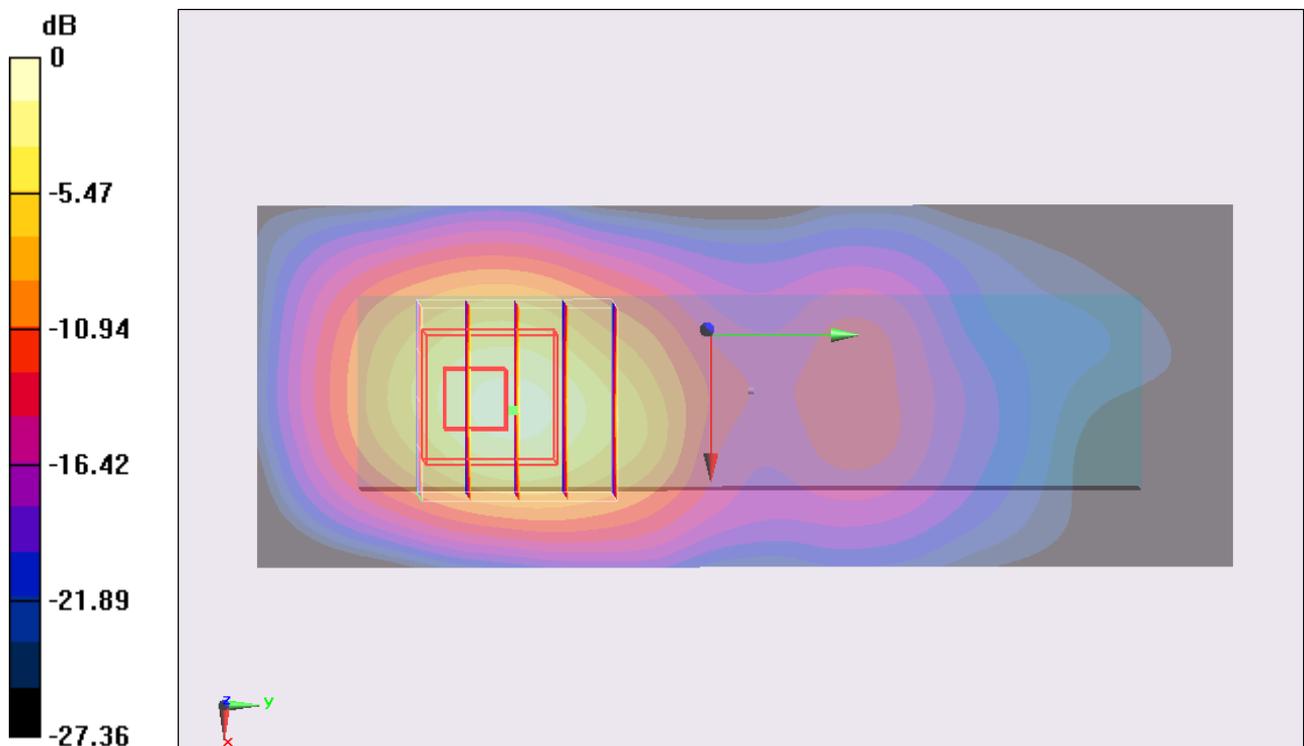
0 dB = 1.19 mW/g = 1.51 dB mW/g

#133 WLAN2.4G_802.11b_Horizontal Down_0.5cm_Ch6_Ant 0+1_Angle180

DUT: 262930

Communication System: 802.11b; Frequency: 2437 MHz;Duty Cycle: 1:1
Medium: MSL_2450_120728 Medium parameters used: f = 2437 MHz; σ = 1.947 mho/m; ε_r = 52.813; ρ

= 1000 kg/m^3
Ambient Temperature：22.5 ℃；Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3792; ConvF(7.1, 7.1, 7.1); Calibrated: 2012/6/21;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP1127
- Software: DASY5 Version; SEMCAD X Version 14.6.6 (6477)

Ch6/Area Scan (31x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.182 mW/g

Ch6/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 3.782 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 0.304 mW/g
SAR(1 g) = 0.162 mW/g; SAR(10 g) = 0.085 mW/g
Maximum value of SAR (measured) = 0.178 mW/g

Ch6/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 3.782 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 0.222 mW/g
SAR(1 g) = 0.119 mW/g; SAR(10 g) = 0.059 mW/g
Maximum value of SAR (measured) = 0.133 mW/g
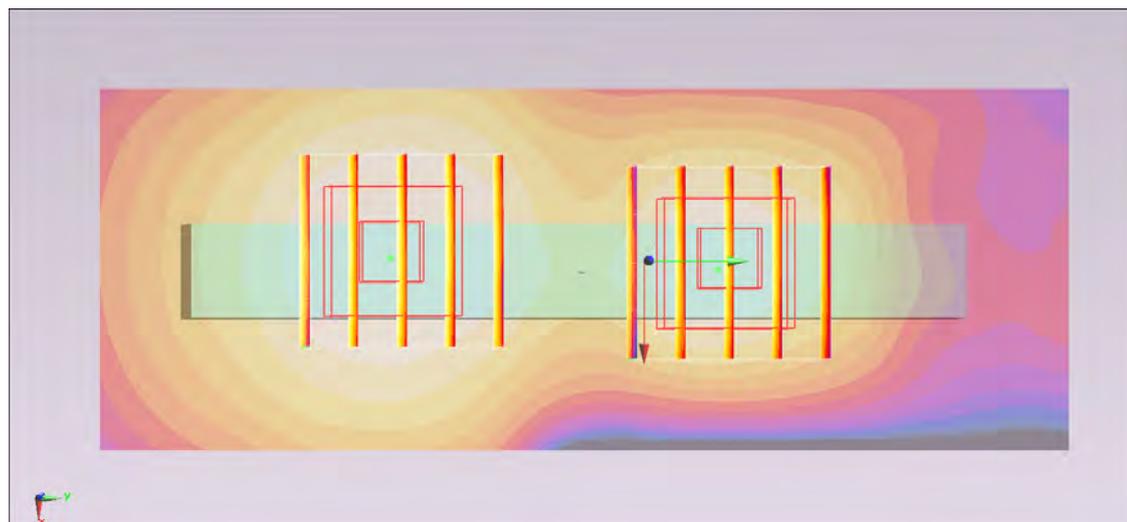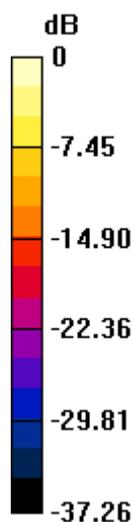
0 dB = 0.133 mW/g = -17.52 dB mW/g

#135 WLAN2.4G_802.11b_Vertical Front_0.5cm_Ch6_Ant 0+1_Angle180

DUT: 262930

Communication System: 802.11b; Frequency: 2437 MHz;Duty Cycle: 1:1
Medium: MSL_2450_120728 Medium parameters used: f = 2437 MHz; σ = 1.947 mho/m; ε_r = 52.813; ρ

= 1000 kg/m^3
Ambient Temperature：22.5 ℃；Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3792; ConvF(7.1, 7.1, 7.1); Calibrated: 2012/6/21;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP1127
- Software: DASY5 Version; SEMCAD X Version 14.6.6 (6477)

Ch6/Area Scan (31x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.141 mW/g

Ch6/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 3.876 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 0.320 mW/g
SAR(1 g) = 0.157 mW/g; SAR(10 g) = 0.073 mW/g
Maximum value of SAR (measured) = 0.175 mW/g

Ch6/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 3.876 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 0.178 mW/g
SAR(1 g) = 0.090 mW/g; SAR(10 g) = 0.044 mW/g
Maximum value of SAR (measured) = 0.102 mW/g
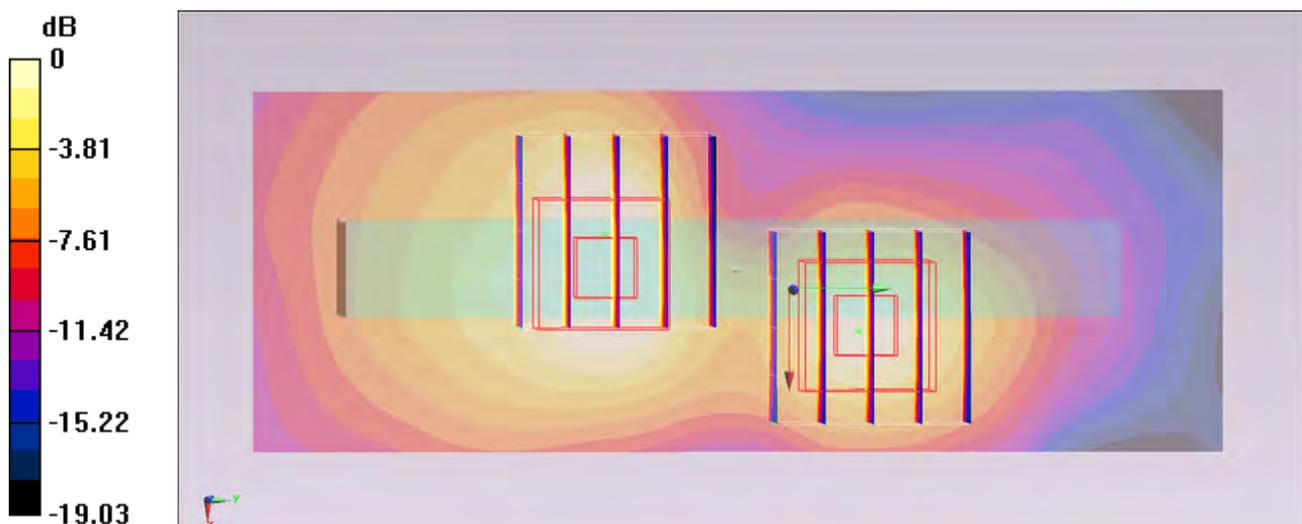
0 dB = 0.102 mW/g = -19.83 dB mW/g

#137 WLAN2.4G_802.11b_Vertical Back_0.5cm_Ch6_Ant 0+1_Angle180

DUT: 262930

Communication System: 802.11b; Frequency: 2437 MHz;Duty Cycle: 1:1
Medium: MSL_2450_120728 Medium parameters used: f = 2437 MHz; σ = 1.947 mho/m; ε_r = 52.813; ρ

= 1000 kg/m^3
Ambient Temperature：22.5 ℃；Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3792; ConvF(7.1, 7.1, 7.1); Calibrated: 2012/6/21;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP1127
- Software: DASY5 Version; SEMCAD X Version 14.6.6 (6477)

Ch6/Area Scan (31x81x1): Measurement grid: dx=20mm, dy=20mm
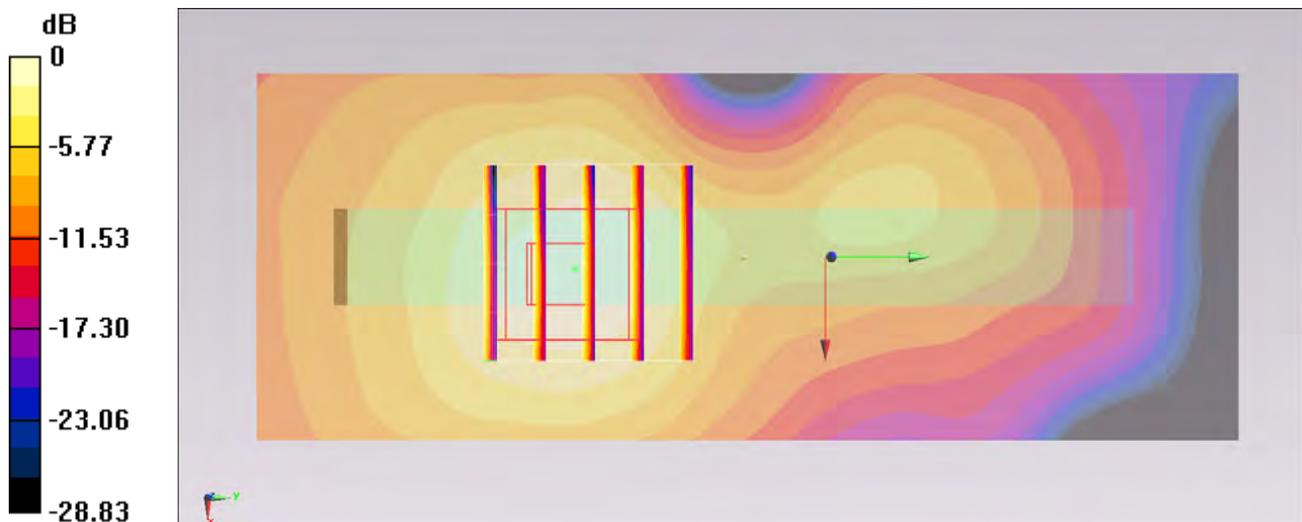Maximum value of SAR (interpolated) = 0.0852 mW/g

Ch6/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 3.217 V/m; Power Drift = -0.036 dB
Peak SAR (extrapolated) = 0.162 mW/g
SAR(1 g) = 0.087 mW/g; SAR(10 g) = 0.043 mW/g
Maximum value of SAR (measured) = 0.0936 mW/g

0 dB = 0.0936 mW/g = -20.57 dB mW/g

#139 WLAN2.4G_802.11b_Tip Mode_0.5cm_Ch6_Ant 0+1_Angle180

DUT: 262930

Communication System: 802.11b; Frequency: 2437 MHz;Duty Cycle: 1:1
Medium: MSL_2450_120728 Medium parameters used: f = 2437 MHz; σ = 1.947 mho/m; ε_r = 52.813; ρ

= 1000 kg/m^3
Ambient Temperature：22.5 ℃；Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3792; ConvF(7.1, 7.1, 7.1); Calibrated: 2012/6/21;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP1127
- Software: DASY5 Version; SEMCAD X Version 14.6.6 (6477)

Ch6/Area Scan (31x51x1): Measurement grid: dx=20mm, dy=20mm
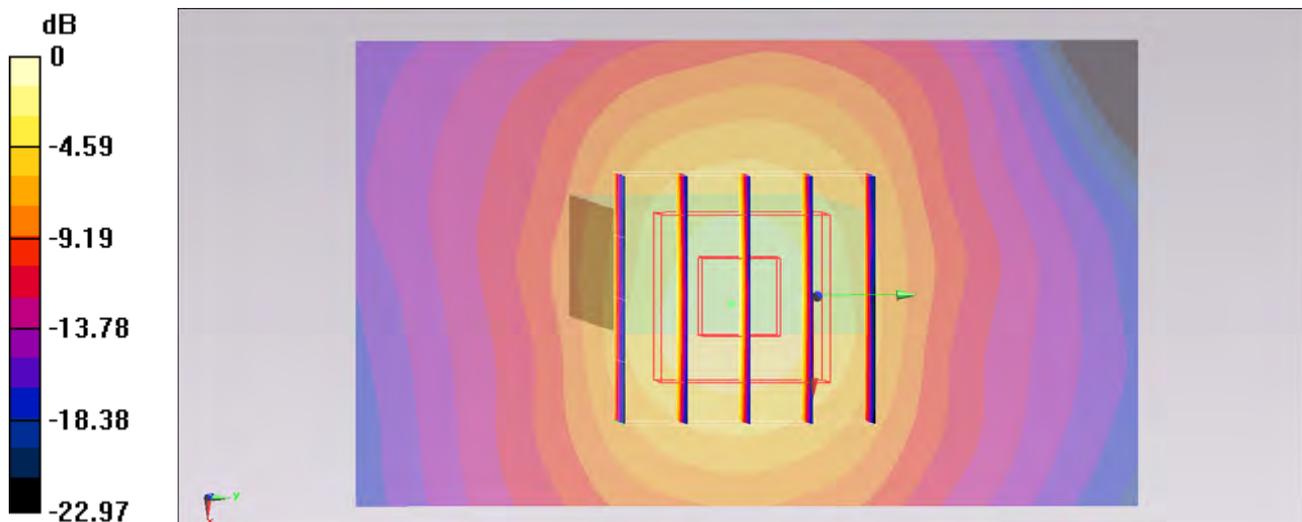Maximum value of SAR (interpolated) = 0.117 mW/g

Ch6/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.277 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 0.306 mW/g
SAR(1 g) = 0.152 mW/g; SAR(10 g) = 0.070 mW/g
Maximum value of SAR (measured) = 0.175 mW/g

0 dB = 0.175 mW/g = -15.14 dB mW/g

#114 WLAN2.4G_802.11b_Horizontal Up_0.5cm_Ch1_Ant 0+1_Angle180

DUT: 262930

Communication System: 802.11b; Frequency: 2412 MHz;Duty Cycle: 1:1
Medium: MSL_2450_120705 Medium parameters used: f = 2412 MHz; σ = 1.915 mho/m; ε$_r$ =

52.896; ρ = 1000 kg/m^3
Ambient Temperature：22.6 ℃；Liquid Temperature：21.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3792; ConvF(7.1, 7.1, 7.1); Calibrated: 2012/6/21;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP1127
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch1/Area Scan (41x101x1): Measurement grid: dx=15mm, dy=15mm
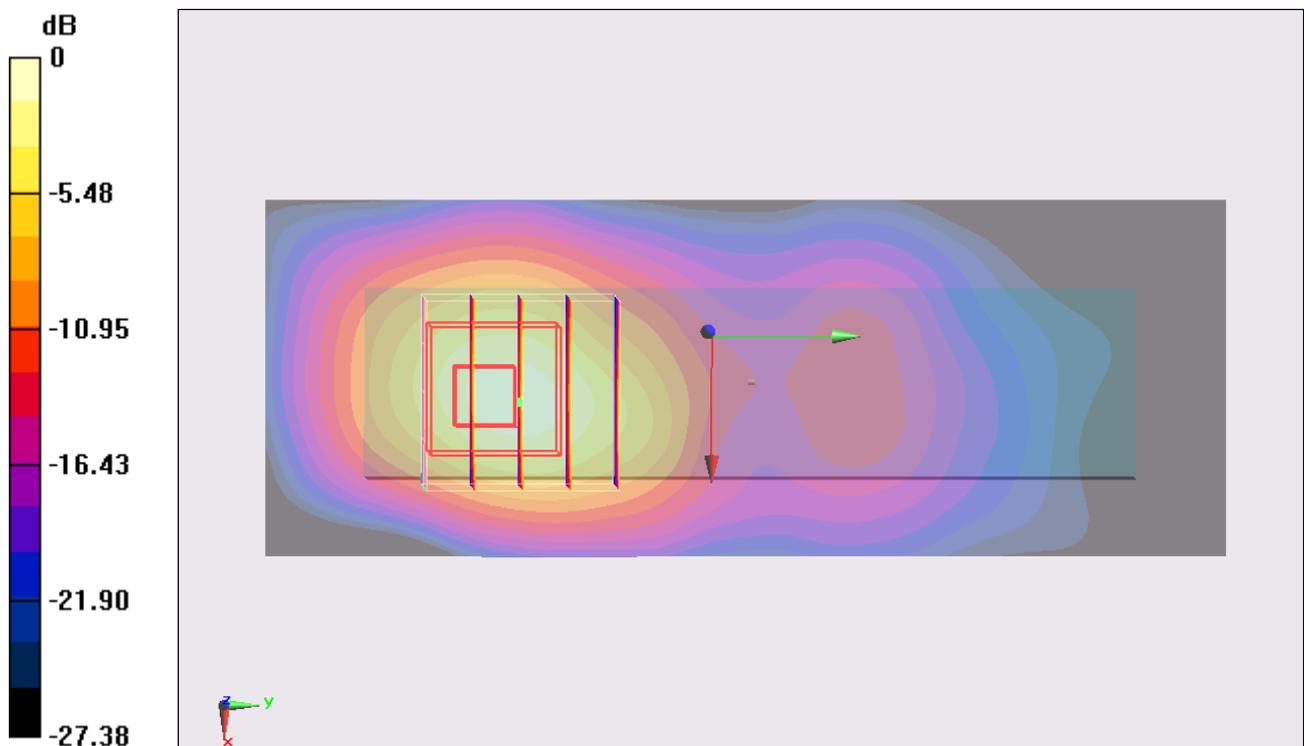Maximum value of SAR (interpolated) = 1.08 mW/g

Ch1/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.886 V/m; Power Drift = 0.12 dB
Peak SAR (extrapolated) = 2.255 mW/g
SAR(1 g) = 1.01 mW/g; SAR(10 g) = 0.445 mW/g
Maximum value of SAR (measured) = 1.20 mW/g

0 dB = 1.20 mW/g = 1.58 dB mW/g

#115 WLAN2.4G_802.11b_Horizontal Up_0.5cm_Ch11_Ant 0+1_Angle180

DUT: 262930

Communication System: 802.11b; Frequency: 2462 MHz;Duty Cycle: 1:1
Medium: MSL_2450_120705 Medium parameters used: f = 2462 MHz; σ = 1.982 mho/m; ε$_r$ =

52.719; ρ = 1000 kg/m^3
Ambient Temperature：22.6 ℃；Liquid Temperature：21.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3792; ConvF(7.1, 7.1, 7.1); Calibrated: 2012/6/21;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP1127
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch11/Area Scan (41x101x1): Measurement grid: dx=15mm, dy=15mm
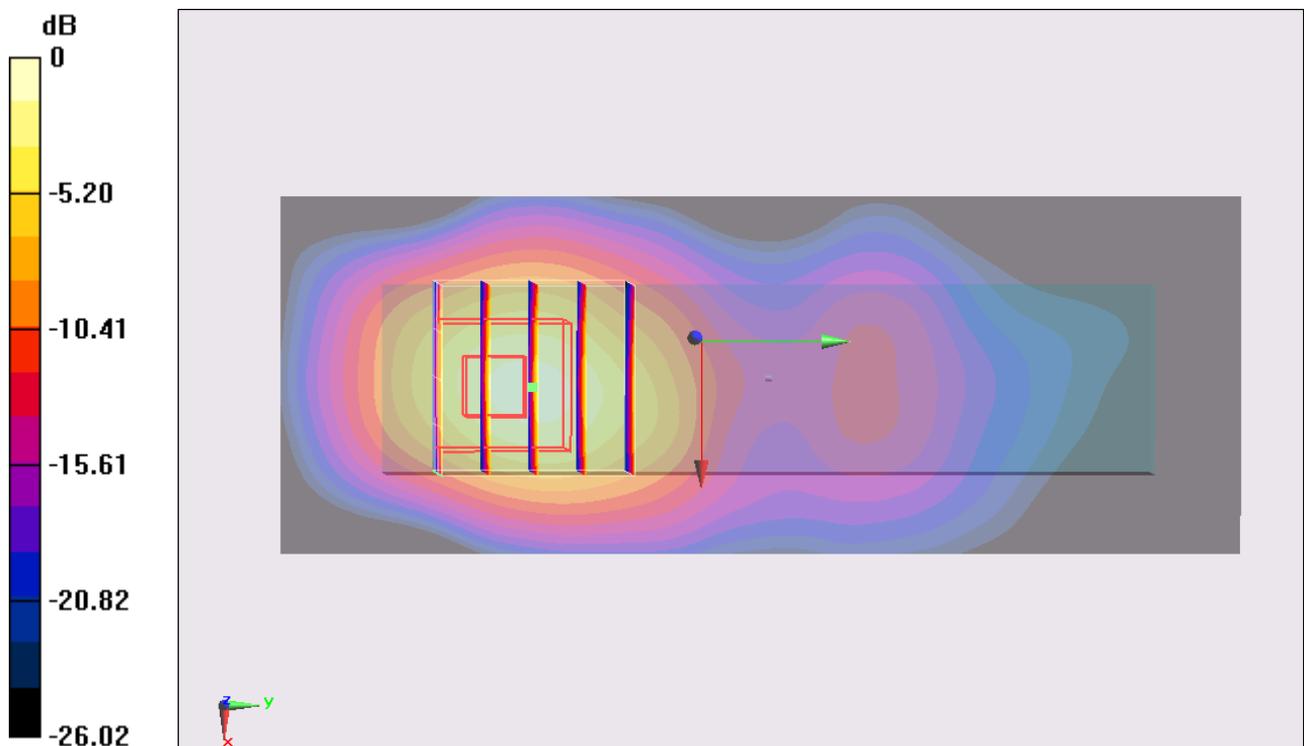Maximum value of SAR (interpolated) = 0.973 mW/g

Ch11/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.809 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 2.235 mW/g
SAR(1 g) = 0.977 mW/g; SAR(10 g) = 0.416 mW/g
Maximum value of SAR (measured) = 1.16 mW/g

0 dB = 1.16 mW/g = 1.29 dB mW/g

#100 WLAN5G_802.11a_Horizontal Up_0.5cm_Ch36_Ant 0+1_Angle180

DUT: 262930

Communication System: 802.11a; Frequency: 5180 MHz;Duty Cycle: 1:1
Medium: MSL_5G_120804 Medium parameters used: f = 5180 MHz; σ = 5.134 mho/m; ε_r = 48.523; ρ = 1000 kg/m^3
Ambient Temperature：22.5 ℃；Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 -SN3792; ConvF(4.2, 4.2, 4.2); Calibrated: 2012/6/21;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Software: DASY5 Version; SEMCAD X Version 14.6.6 (6477)

Ch36/Area Scan (61x161x1): Measurement grid: dx=10mm, dy=10mm
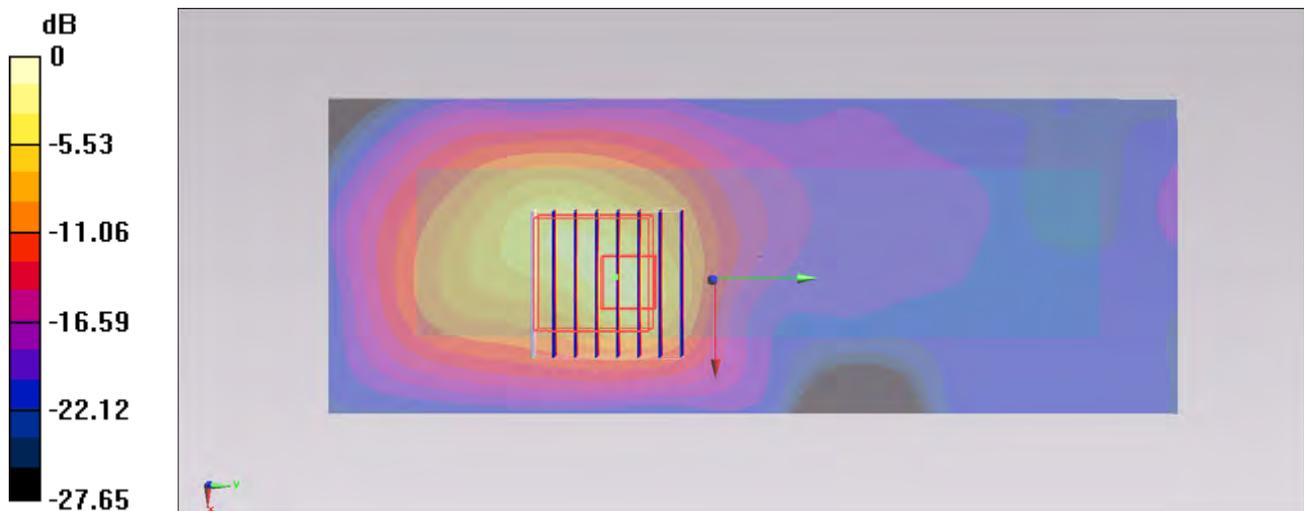Maximum value of SAR (interpolated) = 0.591 mW/g

Ch36/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 2.356 V/m; Power Drift = 0.034 dB
Peak SAR (extrapolated) = 2.413 mW/g
SAR(1 g) = 0.562 mW/g; SAR(10 g) = 0.159 mW/g
Maximum value of SAR (measured) = 1.13 mW/g

0 dB = 1.13 mW/g = 1.06 dB mW/g

#117 WLAN5G_802.11a_Horizontal Down_0.5cm_Ch36_Ant 0+1_Angle180

DUT: 262930

Communication System: 802.11a; Frequency: 5180 MHz;Duty Cycle: 1:1
Medium: MSL_5G_120804 Medium parameters used: f = 5180 MHz; σ = 5.134 mho/m; ε_r = 48.523; ρ = 1000 kg/m^3
Ambient Temperature：22.5 ℃；Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 -SN3792; ConvF(4.2, 4.2, 4.2); Calibrated: 2012/6/21;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Software: DASY5 Version; SEMCAD X Version 14.6.6 (6477)

Ch36/Area Scan (61x161x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.211 mW/g

Ch36/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 2.566 V/m; Power Drift = 0.122 dB
Peak SAR (extrapolated) = 0.345 mW/g
SAR(1 g) = 0.101 mW/g; SAR(10 g) = 0.037 mW/g
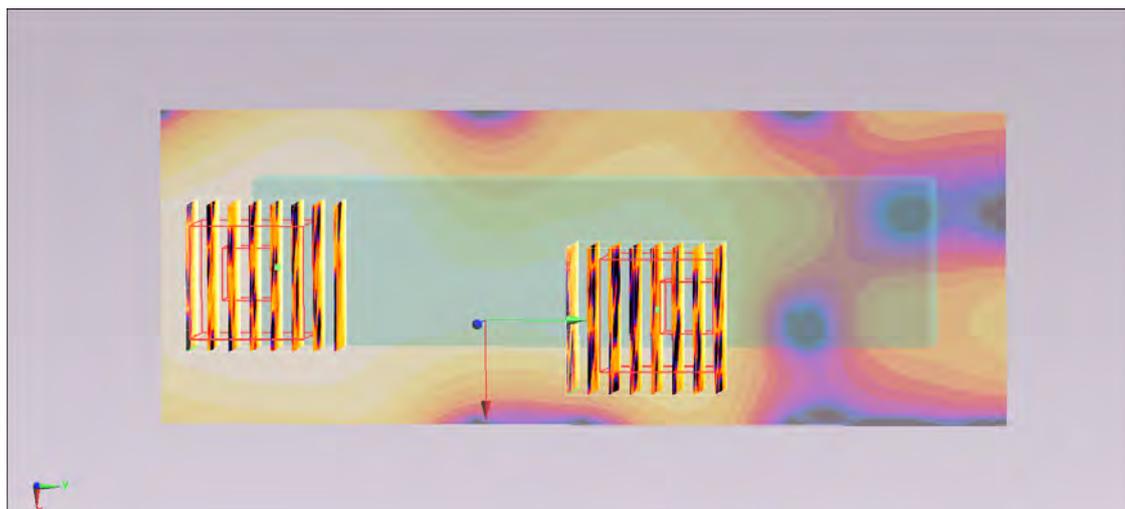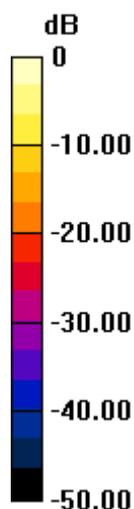Maximum value of SAR (measured) = 0.196 mW/g

Ch36/Zoom Scan (8x8x10)/Cube 1: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 2.566 V/m; Power Drift = 0.122 dB
Peak SAR (extrapolated) = 0.174 mW/g
SAR(1 g) = 0.046 mW/g; SAR(10 g) = 0.014 mW/g
Maximum value of SAR (measured) = 0.0979 mW/g

0 dB = 0.0979 mW/g = -20.18 dB mW/g

#119 WLAN5G_802.11a_Vertical Front_0.5cm_Ch36_Ant 0+1_Angle180

DUT: 262930

Communication System: 802.11a; Frequency: 5180 MHz;Duty Cycle: 1:1
Medium: MSL_5G_120804 Medium parameters used: f = 5180 MHz; σ = 5.134 mho/m; ε_r = 48.523; ρ = 1000 kg/m^3
Ambient Temperature：22.5 ℃；Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 -SN3792; ConvF(4.2, 4.2, 4.2); Calibrated: 2012/6/21;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Software: DASY5 Version; SEMCAD X Version 14.6.6 (6477)

Ch36/Area Scan (61x161x1): Measurement grid: dx=10mm, dy=10mm
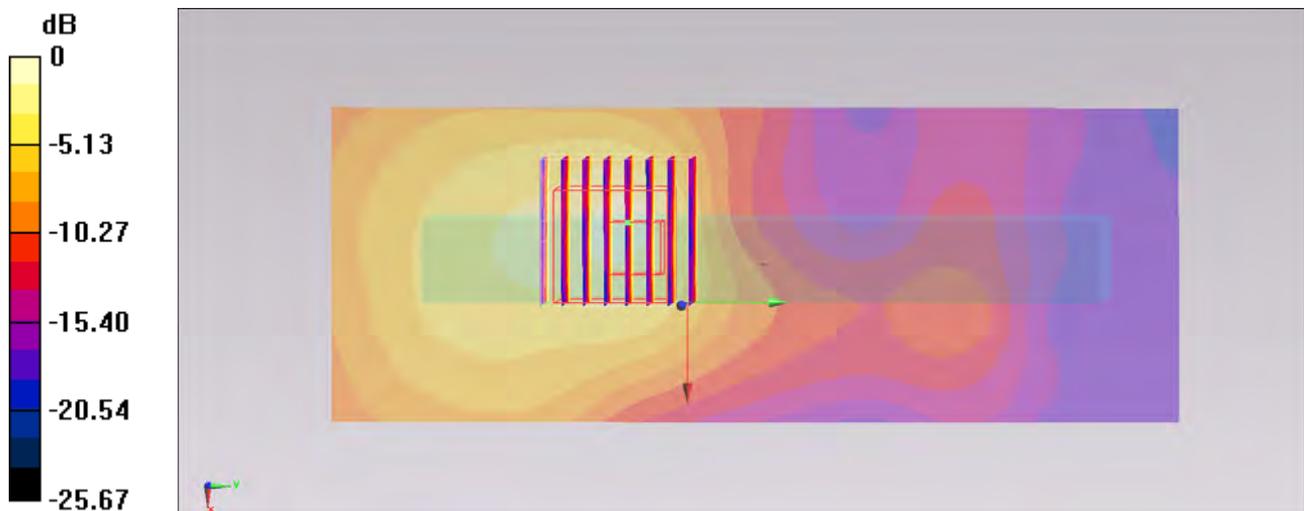Maximum value of SAR (interpolated) = 0.318 mW/g

Ch36/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 1.624 V/m; Power Drift = -0.07 dB
Peak SAR (extrapolated) = 0.719 mW/g
SAR(1 g) = 0.208 mW/g; SAR(10 g) = 0.079 mW/g
Maximum value of SAR (measured) = 0.386 mW/g

0 dB = 0.386 mW/g = -8.27 dB mW/g

#121 WLAN5G_802.11a_Vertical Back_0.5cm_Ch36_Ant 0+1_Angle180

DUT: 262930

Communication System: 802.11a; Frequency: 5180 MHz;Duty Cycle: 1:1
Medium: MSL_5G_120804 Medium parameters used: f = 5180 MHz; σ = 5.134 mho/m; ε_r = 48.523; ρ = 1000 kg/m^3
Ambient Temperature：22.5 ℃；Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 -SN3792; ConvF(4.2, 4.2, 4.2); Calibrated: 2012/6/21;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Software: DASY5 Version; SEMCAD X Version 14.6.6 (6477)

Ch36/Area Scan (61x141x1): Measurement grid: dx=10mm, dy=10mm
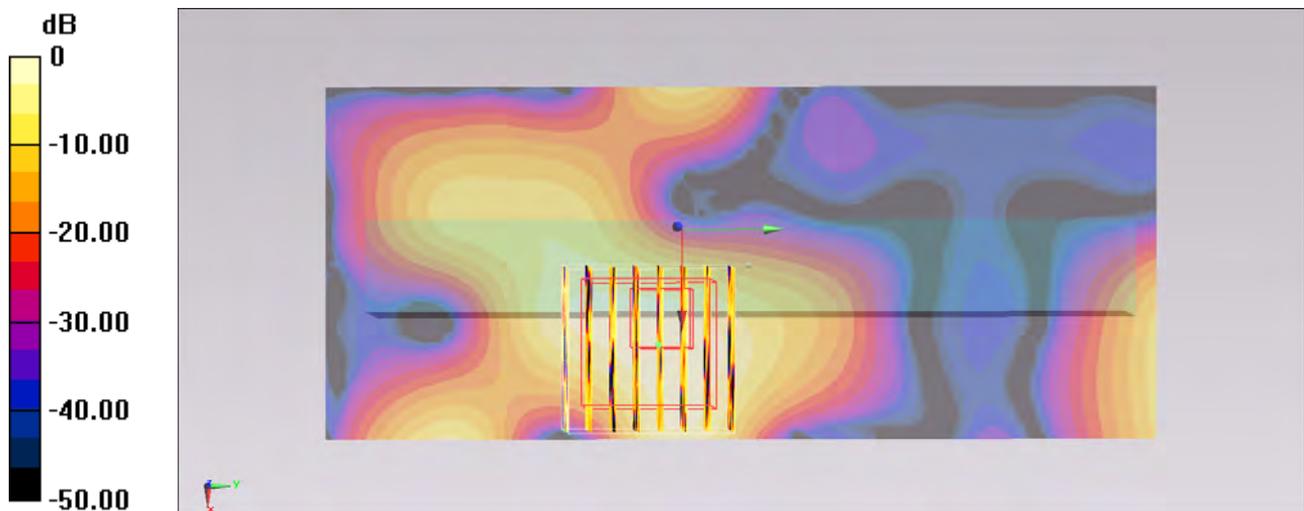Maximum value of SAR (interpolated) = 0.0273 mW/g

Ch36/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 0.422 V/m; Power Drift = 0.109 dB
Peak SAR (extrapolated) = 0.098 mW/g
SAR(1 g) = 0.013 mW/g; SAR(10 g) = 0.00337 mW/g
Maximum value of SAR (measured) = 0.0300 mW/g

0 dB = 0.0300 mW/g = -30.46 dB mW/g

#123 WLAN5G_802.11a_Tip Mode_0.5cm_Ch36_Ant 0+1_Angle180

DUT: 262930

Communication System: 802.11a; Frequency: 5240 MHz;Duty Cycle: 1:1
Medium: MSL_5G_120804 Medium parameters used: f = 5240 MHz; σ = 5.221 mho/m; ε_r = 48.421; ρ =

1000 kg/m^3
Ambient Temperature：22.5 ℃；Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 -SN3792; ConvF(4.2, 4.2, 4.2); Calibrated: 2012/6/21;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Software: DASY5 Version; SEMCAD X Version 14.6.6 (6477)

Ch48/Area Scan (61x141x1): Measurement grid: dx=10mm, dy=10mm
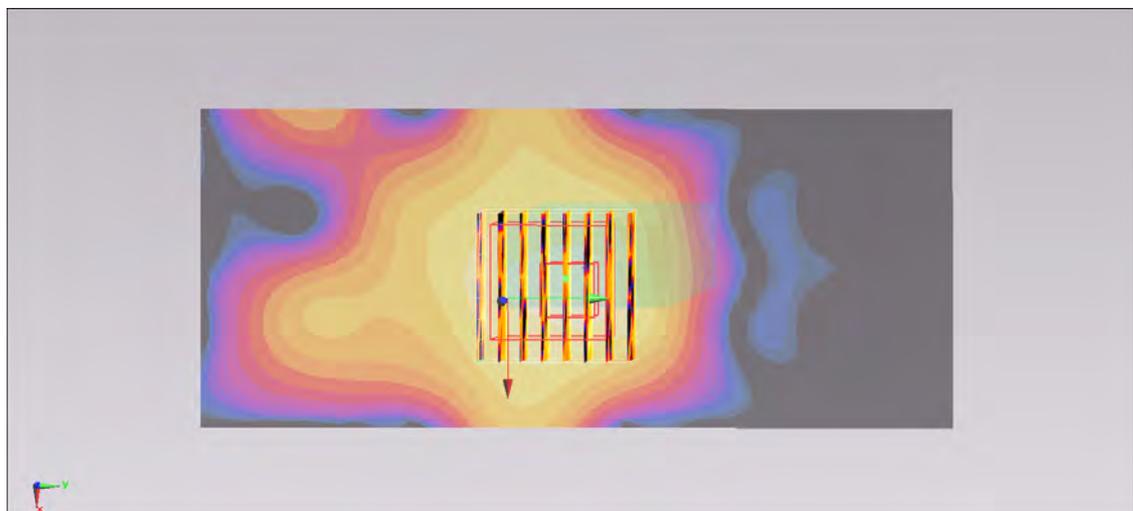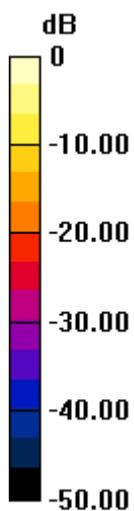Maximum value of SAR (interpolated) = 0.0832 mW/g

Ch48/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 2.884 V/m; Power Drift = 0.157 dB
Peak SAR (extrapolated) = 0.156 mW/g
SAR(1 g) = 0.044 mW/g; SAR(10 g) = 0.012 mW/g
Maximum value of SAR (measured) = 0.104 mW/g

0 dB = 0.104 mW/g = -19.66 dB mW/g

#97 WLAN5G_802.11a_Horizontal Up_0.5cm_Ch165_Ant 0+1_Angle180

DUT: 262930

Communication System: 802.11a; Frequency: 5825 MHz;Duty Cycle: 1:1
Medium: MSL_5G_120805 Medium parameters used: f = 5825 MHz; σ = 6.001 mho/m; ε_r = 46.47; ρ =

1000 kg/m^3
Ambient Temperature：22.3 ℃；Liquid Temperature：21.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(4.02, 4.02, 4.02); Calibrated: 2011/11/16;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP1127
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch165/Area Scan (61x161x1): Measurement grid: dx=10mm, dy=10mm
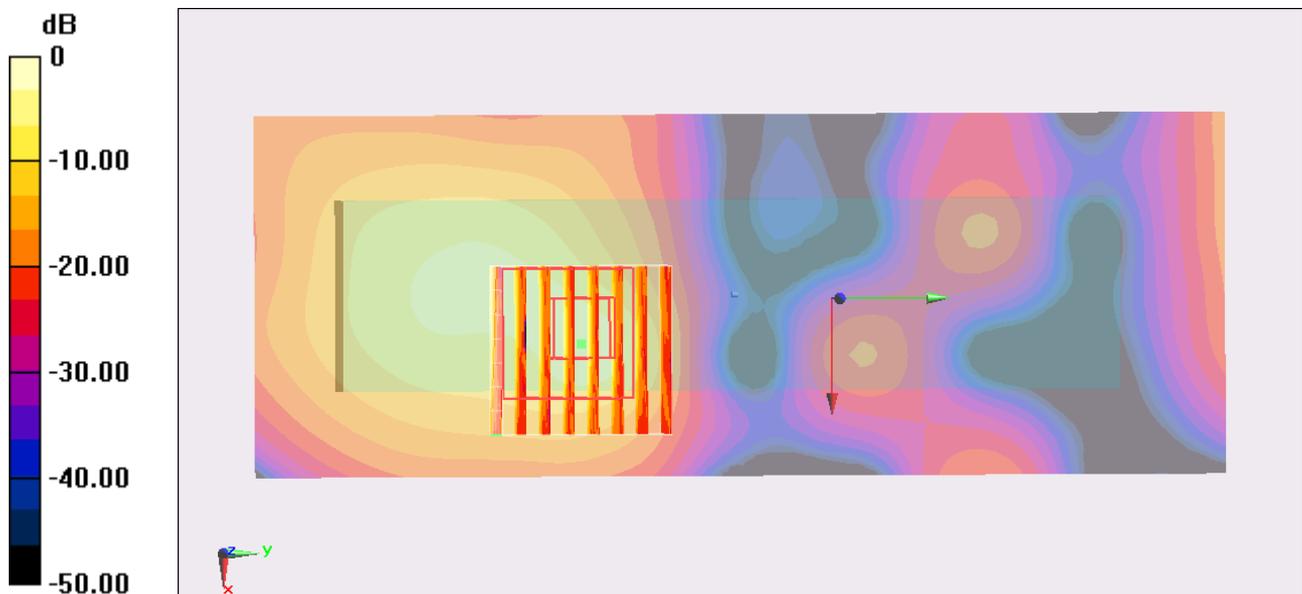Maximum value of SAR (interpolated) = 0.529 mW/g

Ch165/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 0.752 V/m; Power Drift = -0.139 dB
Peak SAR (extrapolated) = 2.749 mW/g
SAR(1 g) = 0.621 mW/g; SAR(10 g) = 0.175 mW/g
Maximum value of SAR (measured) = 1.29 mW/g

0 dB = 1.29 mW/g = 2.21 dB mW/g

#72 WLAN5G_802.11a_Horizontal Down_0.5cm_Ch165_Ant 0+1_Angle180

DUT: 262930

Communication System: 802.11a; Frequency: 5825 MHz;Duty Cycle: 1:1
Medium: MSL_5G_120805 Medium parameters used : f = 5825 MHz; σ = 6.001 mho/m; ε_r = 46.47; ρ =

1000 kg/m^3
Ambient Temperature：22.3 ℃；Liquid Temperature：21.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(4.02, 4.02, 4.02); Calibrated: 2011/11/16;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP1127
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch165/Area Scan (61x161x1): Measurement grid: dx=10mm, dy=10mm
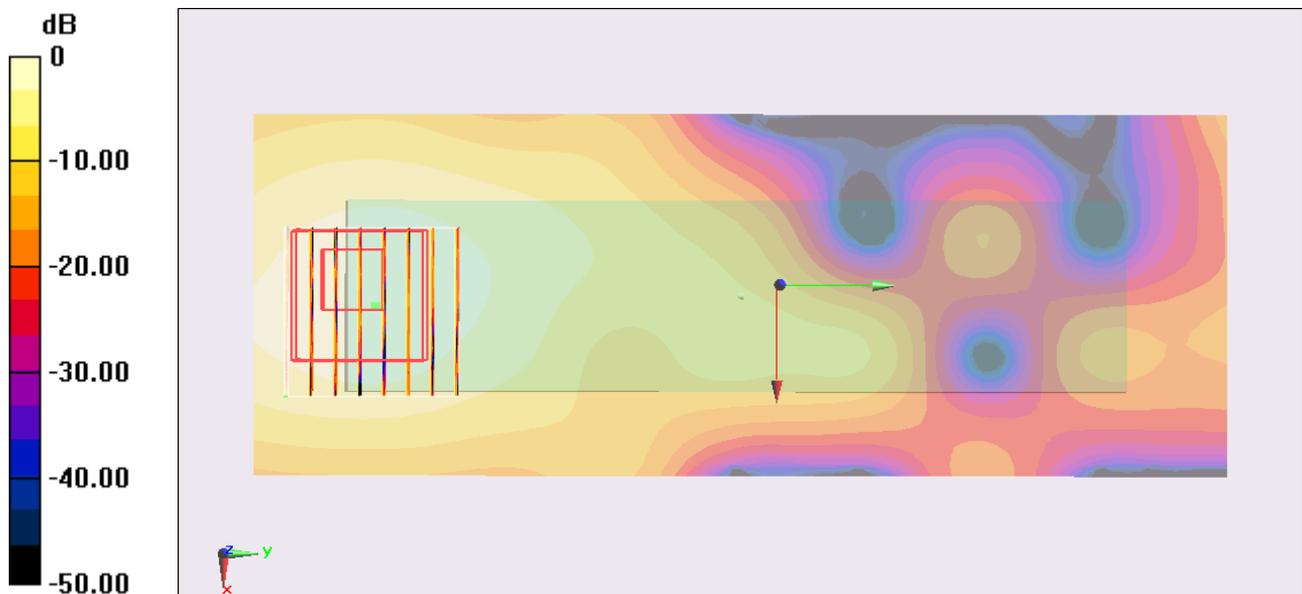Maximum value of SAR (interpolated) = 0.283 mW/g

Ch165/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 1.961 V/m; Power Drift = 0.141 dB
Peak SAR (extrapolated) = 0.794 mW/g
SAR(1 g) = 0.128 mW/g; SAR(10 g) = 0.053 mW/g
Maximum value of SAR (measured) = 0.297 mW/g

0 dB = 0.297 mW/g = -10.54 dB mW/g

#75 WLAN5G_802.11a_Vertical Front_0.5cm_Ch165_Ant 0+1_Angle180

DUT: 262930

Communication System: 802.11a; Frequency: 5825 MHz;Duty Cycle: 1:1
Medium: MSL_5G_120805 Medium parameters used : f = 5825 MHz; σ = 6.001 mho/m; ε_r = 46.47; ρ =

1000 kg/m^3
Ambient Temperature：22.3 ℃；Liquid Temperature：21.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(4.02, 4.02, 4.02); Calibrated: 2011/11/16;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP1127
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch165/Area Scan (61x161x1): Measurement grid: dx=10mm, dy=10mm
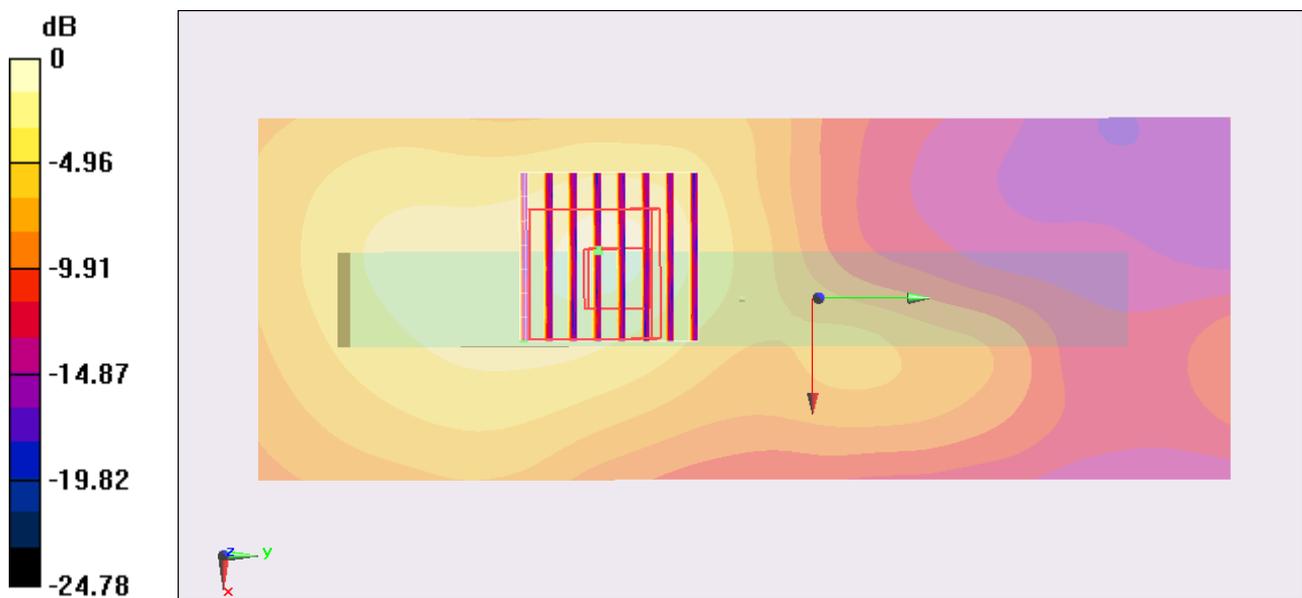Maximum value of SAR (interpolated) = 0.319 mW/g

Ch165/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 2.881 V/m; Power Drift = -0.105 dB
Peak SAR (extrapolated) = 0.836 mW/g
SAR(1 g) = 0.207 mW/g; SAR(10 g) = 0.081 mW/g
Maximum value of SAR (measured) = 0.391 mW/g

0 dB = 0.391 mW/g = -8.16 dB mW/g

#78 WLAN5G_802.11a_Vertical Back_0.5cm_Ch165_Ant 0+1_Angle180

DUT: 262930

Communication System: 802.11a; Frequency: 5825 MHz;Duty Cycle: 1:1
Medium: MSL_5G_120805 Medium parameters used : f = 5825 MHz; σ = 6.001 mho/m; ε_r = 46.47; ρ = 1000 kg/m^3
Ambient Temperature：22.3 ℃；Liquid Temperature：21.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(4.02, 4.02, 4.02); Calibrated: 2011/11/16;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP1127
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch165/Area Scan (61x141x1): Measurement grid: dx=10mm, dy=10mm
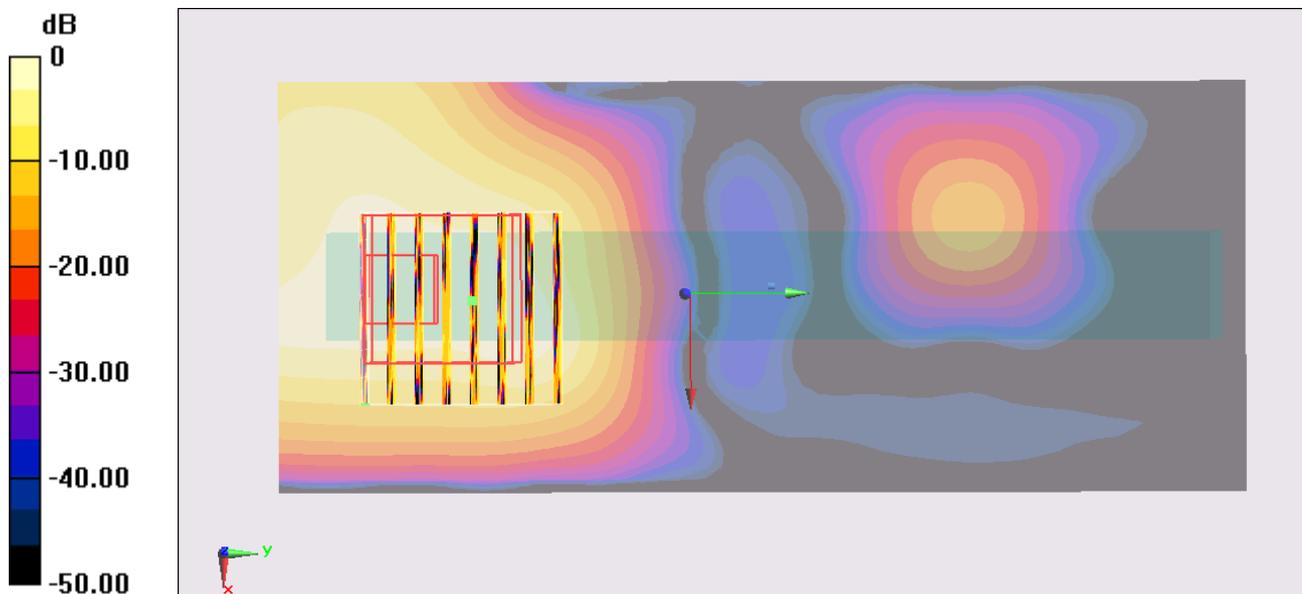Maximum value of SAR (interpolated) = 0.0721 mW/g

Ch165/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 0 V/m; Power Drift = 0.123 dB
Peak SAR (extrapolated) = 0.111 mW/g
SAR(1 g) = 0.012 mW/g; SAR(10 g) = 0.00323 mW/g
Maximum value of SAR (measured) = 0.0689 mW/g

0 dB = 0.0689 mW/g = -23.24 dB mW/g

#80 WLAN5G_802.11a_Tip Mode_0.5cm_Ch165_Ant 0+1_Angle180

DUT: 262930

Communication System: 802.11a; Frequency: 5825 MHz;Duty Cycle: 1:1
Medium: MSL_5G_120805 Medium parameters used : f = 5825 MHz; σ = 6.001 mho/m; ε_r = 46.47; ρ =

1000 kg/m^3
Ambient Temperature：22.3 ℃；Liquid Temperature：21.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(4.02, 4.02, 4.02); Calibrated: 2011/11/16;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP1127
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch165/Area Scan (61x141x1): Measurement grid: dx=10mm, dy=10mm
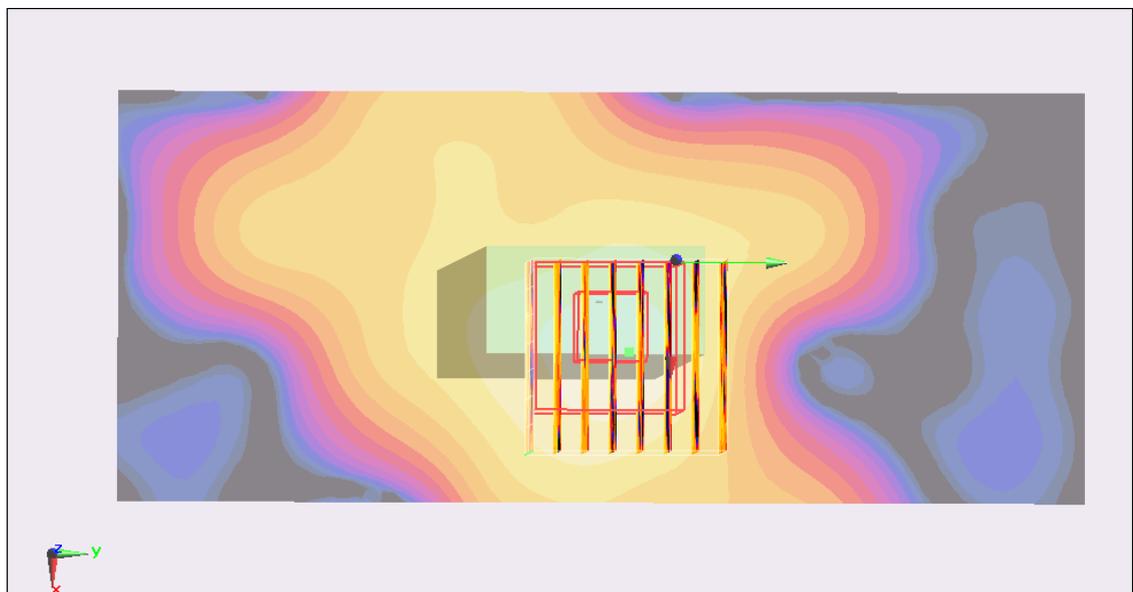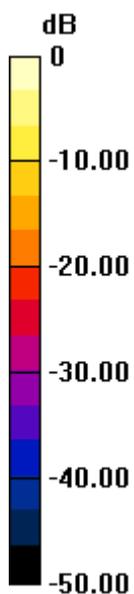Maximum value of SAR (interpolated) = 0.137 mW/g

Ch165/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 3.516 V/m; Power Drift = -0.122 dB
Peak SAR (extrapolated) = 0.289 mW/g
SAR(1 g) = 0.079 mW/g; SAR(10 g) = 0.025 mW/g
Maximum value of SAR (measured) = 0.162 mW/g

0 dB = 0.162 mW/g = -15.81 dB mW/g