#173_WLAN2.4GHz_802.11b 1Mbps_Horizontal Up_0.5cm_Ch6

DUT: 350409

Communication System: 802.11b; Frequency: 2437 MHz;Duty Cycle: 1:1
Medium: MSL_2450_130622 Medium parameters used: f = 2437 MHz; σ = 1.928 S/m; ε_r = 51.663; ρ = 1000 kg/m^3
Ambient Temperature：22.2 ℃；Liquid Temperature：21.2 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3270; ConvF(4.17, 4.17, 4.17); Calibrated: 2012/9/28;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2012/8/27
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

Configuration/Ch6/Area Scan (51x51x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
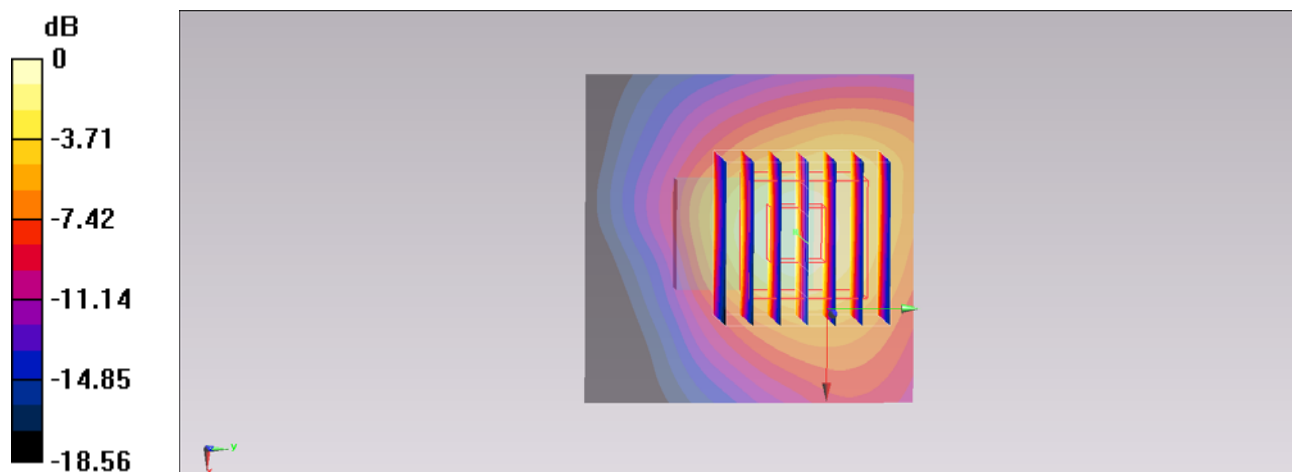Maximum value of SAR (interpolated) = 1.42 W/kg

Configuration/Ch6/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 25.225 V/m; Power Drift = -0.14 dB
Peak SAR (extrapolated) = 2.31 W/kg
SAR(1 g) = 1.05 W/kg; SAR(10 g) = 0.496 W/kg
Maximum value of SAR (measured) = 1.38 W/kg

0 dB = 1.38 W/kg = 1.40 dBW/kg

#176_WLAN2.4GHz_802.11b 1Mbps_Horizontal Up_0.5cm_Ch6;Repeat

DUT: 350409

Communication System: 802.11b; Frequency: 2437 MHz;Duty Cycle: 1:1
Medium: MSL_2450_130622 Medium parameters used: f = 2437 MHz; σ = 1.928 S/m; ε_r = 51.663; ρ = 1000 kg/m^3
Ambient Temperature：22.2 ℃；Liquid Temperature：21.2 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3270; ConvF(4.17, 4.17, 4.17); Calibrated: 2012/9/28;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2012/8/27
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

Configuration/Ch6/Area Scan (51x51x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
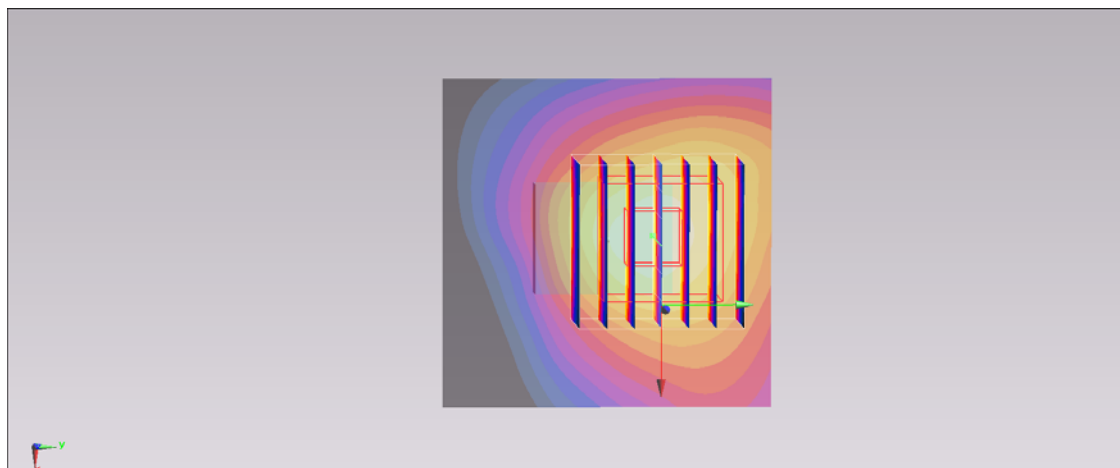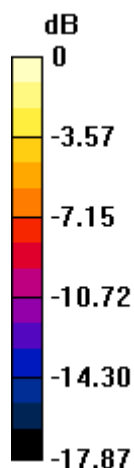Maximum value of SAR (interpolated) = 1.36 W/kg

Configuration/Ch6/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 24.778 V/m; Power Drift = -0.09 dB
Peak SAR (extrapolated) = 2.27 W/kg
SAR(1 g) = 1.02 W/kg; SAR(10 g) = 0.483 W/kg
Maximum value of SAR (measured) = 1.36 W/kg

0 dB = 1.36 W/kg = 1.34 dBW/kg

#174_WLAN2.4GHz_802.11b 1Mbps_Horizontal Up_0.5cm_Ch1

DUT: 350409

Communication System: 802.11b; Frequency: 2412 MHz;Duty Cycle: 1:1
Medium: MSL_2450_130622 Medium parameters used: f = 2412 MHz; σ = 1.893 S/m; $ε_r$ = 51.781; ρ = 1000 kg/m^3
Ambient Temperature：22.2 ℃；Liquid Temperature：21.2 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3270; ConvF(4.17, 4.17, 4.17); Calibrated: 2012/9/28;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2012/8/27
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

Configuration/Ch1/Area Scan (51x51x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
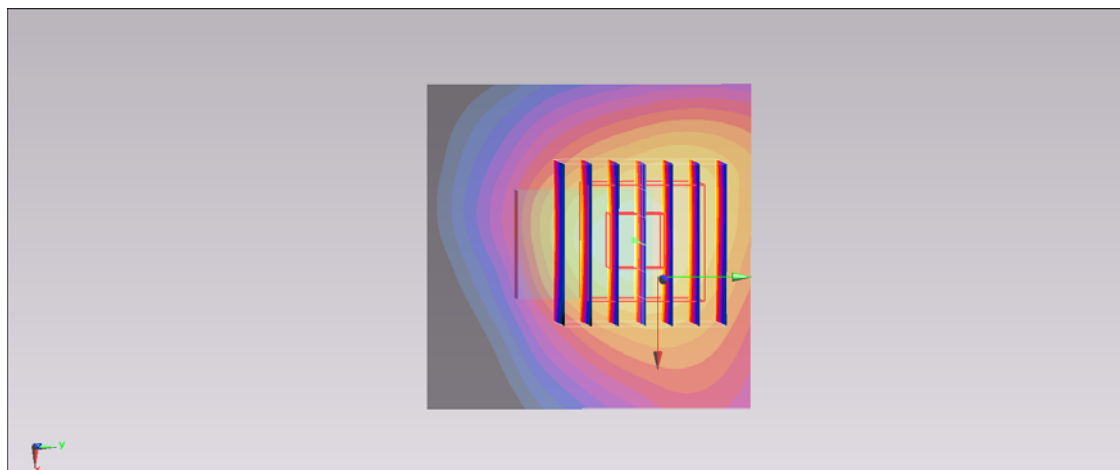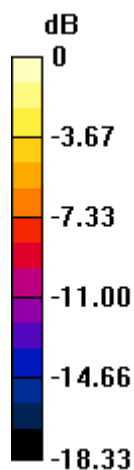Maximum value of SAR (interpolated) = 1.43 W/kg

Configuration/Ch1/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 25.242 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 2.34 W/kg
SAR(1 g) = 1.05 W/kg; SAR(10 g) = 0.493 W/kg
Maximum value of SAR (measured) = 1.41 W/kg

0 dB = 1.41 W/kg = 1.49 dBW/kg

#175_WLAN2.4GHz_802.11b 1Mbps_Horizontal Up_0.5cm_Ch11

DUT: 350409

Communication System: 802.11b; Frequency: 2462 MHz;Duty Cycle: 1:1
Medium: MSL_2450_130622 Medium parameters used: f = 2462 MHz; σ = 1.964 S/m; ε_r = 51.57; ρ = 1000 kg/m^3
Ambient Temperature：22.2 ℃；Liquid Temperature：21.2 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3270; ConvF(4.17, 4.17, 4.17); Calibrated: 2012/9/28;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2012/8/27
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

Configuration/Ch11/Area Scan (51x51x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
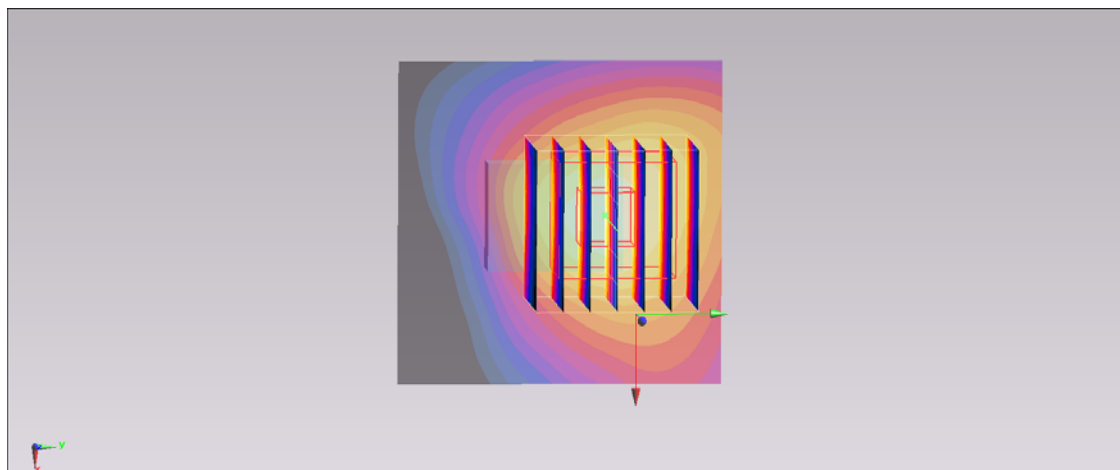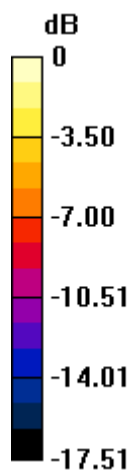Maximum value of SAR (interpolated) = 1.38 W/kg

Configuration/Ch11/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 24.753 V/m; Power Drift = -0.10 dB
Peak SAR (extrapolated) = 2.34 W/kg
SAR(1 g) = 1.04 W/kg; SAR(10 g) = 0.490 W/kg
Maximum value of SAR (measured) = 1.39 W/kg

0 dB = 1.39 W/kg = 1.43 dBW/kg

#177_WLAN2.4GHz_802.11b 1Mbps_Horizontal Down_0.5cm_Ch6

DUT: 350409

Communication System: 802.11b; Frequency: 2437 MHz;Duty Cycle: 1:1
Medium: MSL_2450_130622 Medium parameters used: f = 2437 MHz; σ = 1.928 S/m; ε_r = 51.663; ρ = 1000 kg/m^3
Ambient Temperature：22.2 ℃；Liquid Temperature：21.2 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3270; ConvF(4.17, 4.17, 4.17); Calibrated: 2012/9/28;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2012/8/27
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

Configuration/Ch6/Area Scan (51x51x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.519 W/kg

Configuration/Ch6/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 14.405 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 0.808 W/kg
SAR(1 g) = 0.383 W/kg; SAR(10 g) = 0.186 W/kg
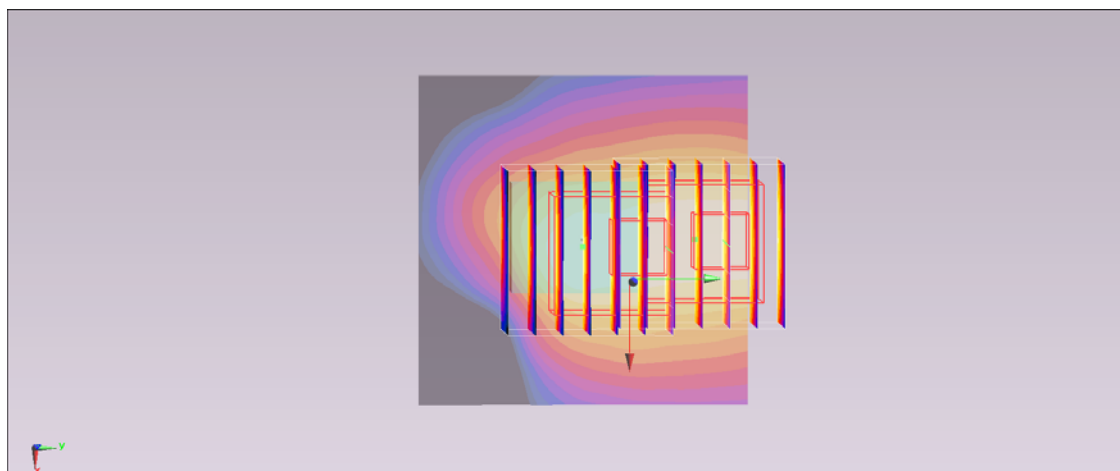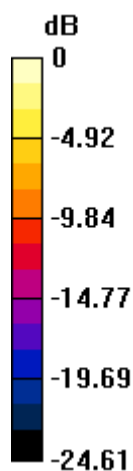Maximum value of SAR (measured) = 0.502 W/kg

Configuration/Ch6/Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 14.405 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 0.723 W/kg
SAR(1 g) = 0.341 W/kg; SAR(10 g) = 0.158 W/kg
Maximum value of SAR (measured) = 0.452 W/kg

0 dB = 0.452 W/kg = -3.45 dBW/kg

#178_WLAN2.4GHz_802.11b 1Mbps_Vertical Front_0.5cm_Ch6

DUT: 350409

Communication System: 802.11b; Frequency: 2437 MHz;Duty Cycle: 1:1
Medium: MSL_2450_130622 Medium parameters used: f = 2437 MHz; σ = 1.928 S/m; ε_r = 51.663; ρ = 1000 kg/m^3
Ambient Temperature：22.2 ℃；Liquid Temperature：21.2 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3270; ConvF(4.17, 4.17, 4.17); Calibrated: 2012/9/28;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2012/8/27
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

Configuration/Ch6/Area Scan (51x51x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
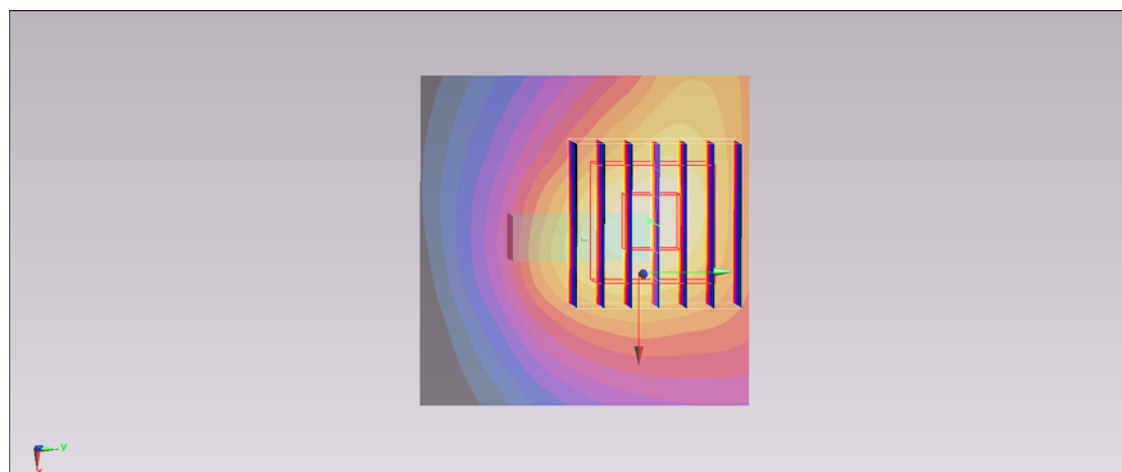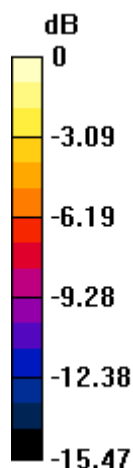Maximum value of SAR (interpolated) = 0.556 W/kg

Configuration/Ch6/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 16.147 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 0.891 W/kg
SAR(1 g) = 0.425 W/kg; SAR(10 g) = 0.210 W/kg
Maximum value of SAR (measured) = 0.549 W/kg

0 dB = 0.549 W/kg = -2.60 dBW/kg

#179_WLAN2.4GHz_802.11b 1Mbps_Vertical Back_0.5cm_Ch6

DUT: 350409

Communication System: 802.11b; Frequency: 2437 MHz;Duty Cycle: 1:1
Medium: MSL_2450_130622 Medium parameters used: f = 2437 MHz; σ = 1.928 S/m; ε_r = 51.663; ρ = 1000 kg/m^3
Ambient Temperature：22.2 ℃；Liquid Temperature：21.2 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3270; ConvF(4.17, 4.17, 4.17); Calibrated: 2012/9/28;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2012/8/27
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

Configuration/Ch6/Area Scan (51x51x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
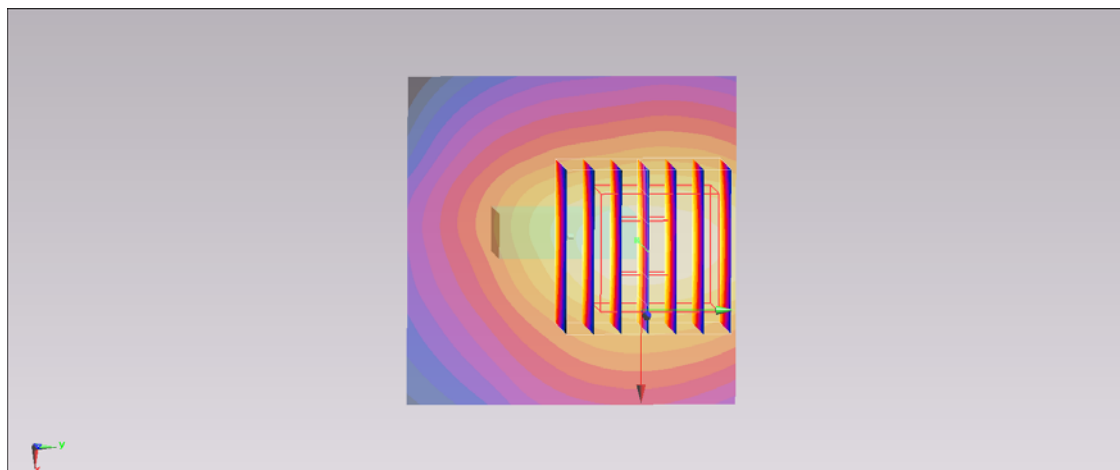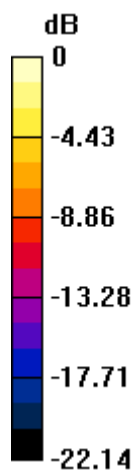Maximum value of SAR (interpolated) = 0.290 W/kg

Configuration/Ch6/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 11.051 V/m; Power Drift = 0.12 dB
Peak SAR (extrapolated) = 0.473 W/kg
SAR(1 g) = 0.219 W/kg; SAR(10 g) = 0.106 W/kg
Maximum value of SAR (measured) = 0.285 W/kg

0 dB = 0.285 W/kg = -5.45 dBW/kg

#180_WLAN2.4GHz_802.11b 1Mbps_Tip Mode_0.5cm_Ch6

DUT: 350409

Communication System: 802.11b; Frequency: 2437 MHz;Duty Cycle: 1:1
Medium: MSL_2450_130622 Medium parameters used: f = 2437 MHz; σ = 1.928 S/m; ε_r = 51.663; ρ = 1000 kg/m^3
Ambient Temperature：22.2 ℃；Liquid Temperature：21.2 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3270; ConvF(4.17, 4.17, 4.17); Calibrated: 2012/9/28;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2012/8/27
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

Configuration/Ch6/Area Scan (51x51x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
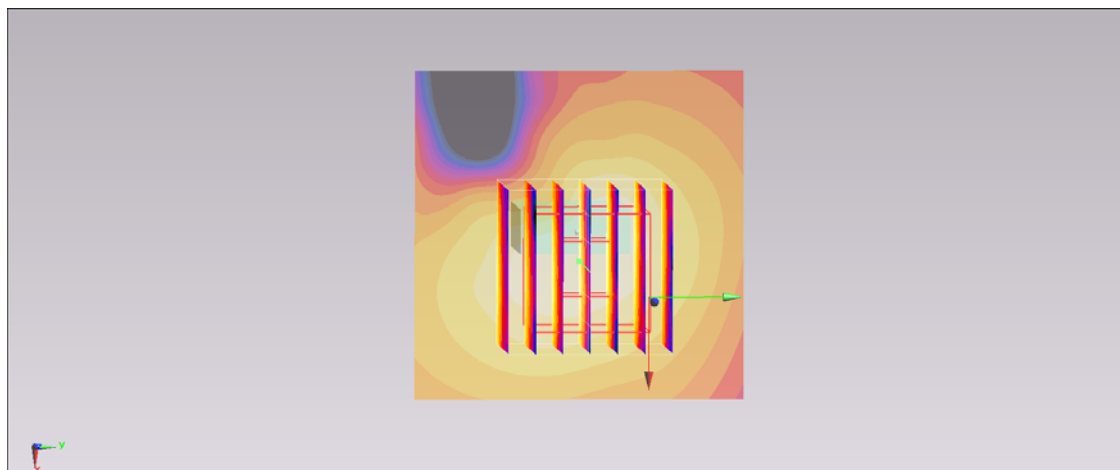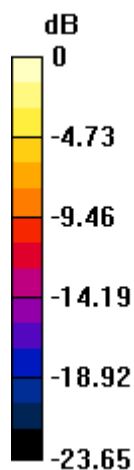Maximum value of SAR (interpolated) = 0.0424 W/kg

Configuration/Ch6/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 4.518 V/m; Power Drift = -0.15 dB
Peak SAR (extrapolated) = 0.0670 W/kg
SAR(1 g) = 0.029 W/kg; SAR(10 g) = 0.014 W/kg
Maximum value of SAR (measured) = 0.0374 W/kg

0 dB = 0.0374 W/kg = -14.27 dBW/kg

#07_WLAN5GHz_802.11a 6Mbps_Horizontal Up_0.5cm_Ch44

DUT: 350409

Communication System: 802.11a; Frequency: 5220 MHz;Duty Cycle: 1:1
Medium: MSL_5G_130621 Medium parameters used: f = 5220 MHz; σ = 5.152 mho/m; ε_r = 47.437; ρ = 1000 kg/m^3
Ambient Temperature：22.5 ℃；Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3792; ConvF(4.27, 4.27, 4.27); Calibrated: 2013/6/4;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2013/5/28
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1029
- Measurement SW: DASY52, Version 52.8 (3);SEMCAD X Version 14.6.5 (6469)

Configuration/Ch44/Area Scan (51x51x1): Measurement grid: dx=10mm, dy=10mm
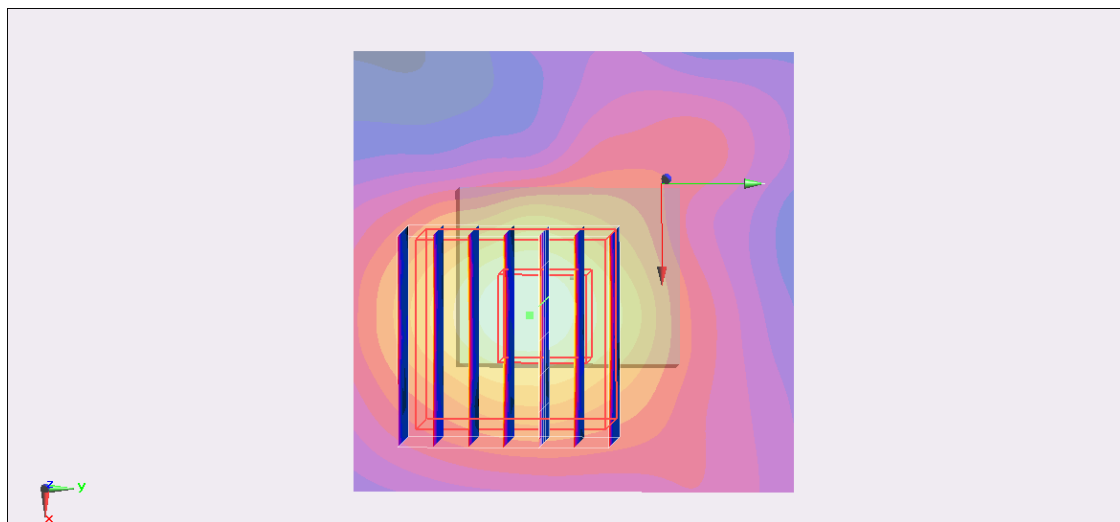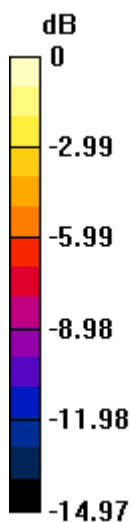Maximum value of SAR (interpolated) = 1.28 mW/g

Configuration/Ch44/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 17.566 V/m; Power Drift = 0.18 dB
Peak SAR (extrapolated) = 2.124 mW/g
SAR(1 g) = 0.608 mW/g; SAR(10 g) = 0.239 mW/g
Maximum value of SAR (measured) = 1.32 mW/g

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

#01_WLAN5GHz_802.11a 6Mbps_Horizontal Down_0.5cm_Ch44

DUT: 350409

Communication System: 802.11a; Frequency: 5220 MHz;Duty Cycle: 1:1
Medium: MSL_5G_130621 Medium parameters used: f = 5220 MHz; σ = 5.152 mho/m; ε_r = 47.437; ρ = 1000 kg/m^3
Ambient Temperature：22.5 ℃；Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3792; ConvF(4.27, 4.27, 4.27); Calibrated: 2013/6/4;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2013/5/28
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1029
- Measurement SW: DASY52, Version 52.8 (3);SEMCAD X Version 14.6.5 (6469)

Configuration/Ch44/Area Scan (51x51x1): Measurement grid: dx=10mm, dy=10mm
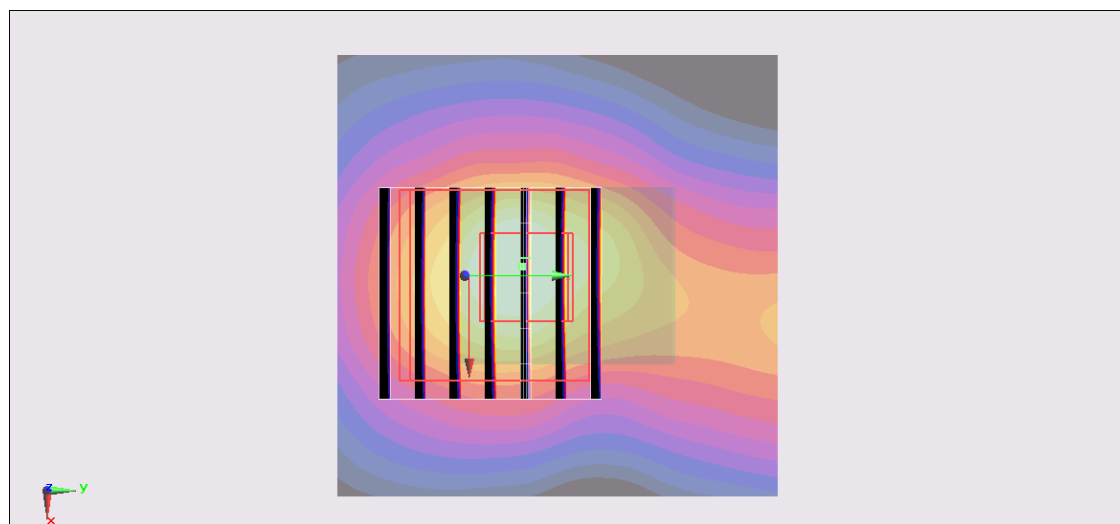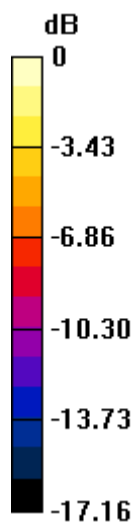Maximum value of SAR (interpolated) = 2.66 mW/g

Configuration/Ch44/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 22.260 V/m; Power Drift = -0.08 dB
Peak SAR (extrapolated) = 3.988 mW/g
SAR(1 g) = 1.01 mW/g; SAR(10 g) = 0.300 mW/g
Maximum value of SAR (measured) = 2.38 mW/g

0 dB = 2.38 mW/g = 7.53 dB mW/g

#02_WLAN5GHz_802.11a 6Mbps_Horizontal Down_0.5cm_Ch40

DUT: 350409

Communication System: 802.11a; Frequency: 5200 MHz;Duty Cycle: 1:1
Medium: MSL_5G_130621 Medium parameters used: f = 5200 MHz; σ = 5.138 mho/m; ε_r = 47.493; ρ = 1000 kg/m^3
Ambient Temperature：22.5 ℃；Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3792; ConvF(4.27, 4.27, 4.27); Calibrated: 2013/6/4;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2013/5/28
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1029
- Measurement SW: DASY52, Version 52.8 (3);SEMCAD X Version 14.6.5 (6469)

Configuration/Ch40/Area Scan (51x51x1): Measurement grid: dx=10mm, dy=10mm
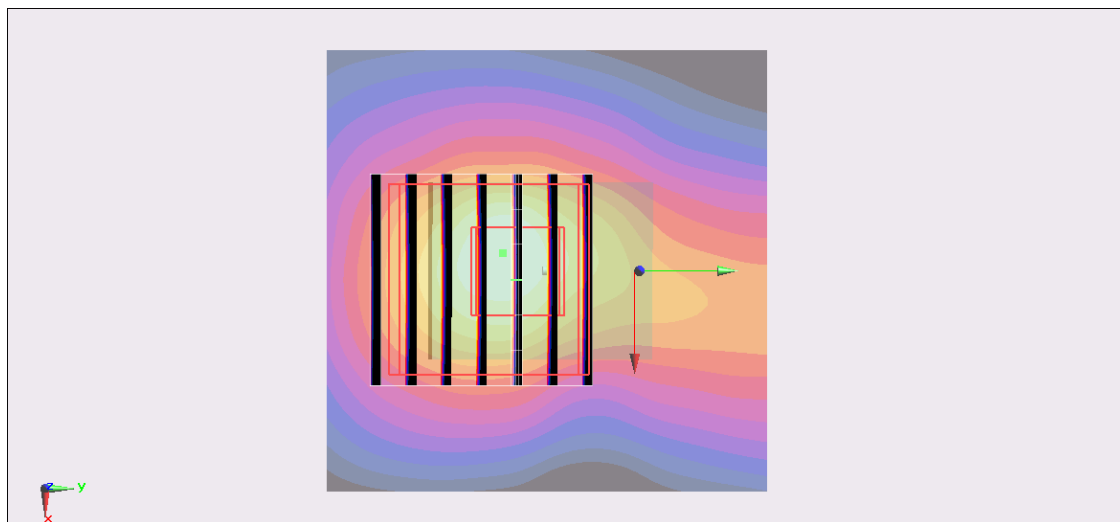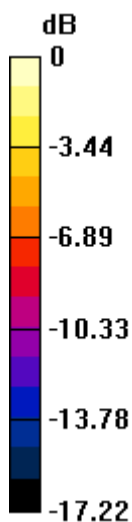Maximum value of SAR (interpolated) = 2.70 mW/g

Configuration/Ch40/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 23.251 V/m; Power Drift = -0.18 dB
Peak SAR (extrapolated) = 4.223 mW/g
SAR(1 g) = 1.06 mW/g; SAR(10 g) = 0.310 mW/g
Maximum value of SAR (measured) = 2.57 mW/g

0 dB = 2.57 mW/g = 8.20 dB mW/g

#03_WLAN5GHz_802.11a 6Mbps_Horizontal Down_0.5cm_Ch40;Repeat

DUT: 350409

Communication System: 802.11a; Frequency: 5200 MHz;Duty Cycle: 1:1
Medium: MSL_5G_130621 Medium parameters used: f = 5200 MHz; σ = 5.138 mho/m; ε_r = 47.493; ρ = 1000 kg/m^3
Ambient Temperature：22.5 ℃；Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3792; ConvF(4.27, 4.27, 4.27); Calibrated: 2013/6/4;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2013/5/28
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1029
- Measurement SW: DASY52, Version 52.8 (3);SEMCAD X Version 14.6.5 (6469)

Configuration/Ch40/Area Scan (51x51x1): Measurement grid: dx=10mm, dy=10mm
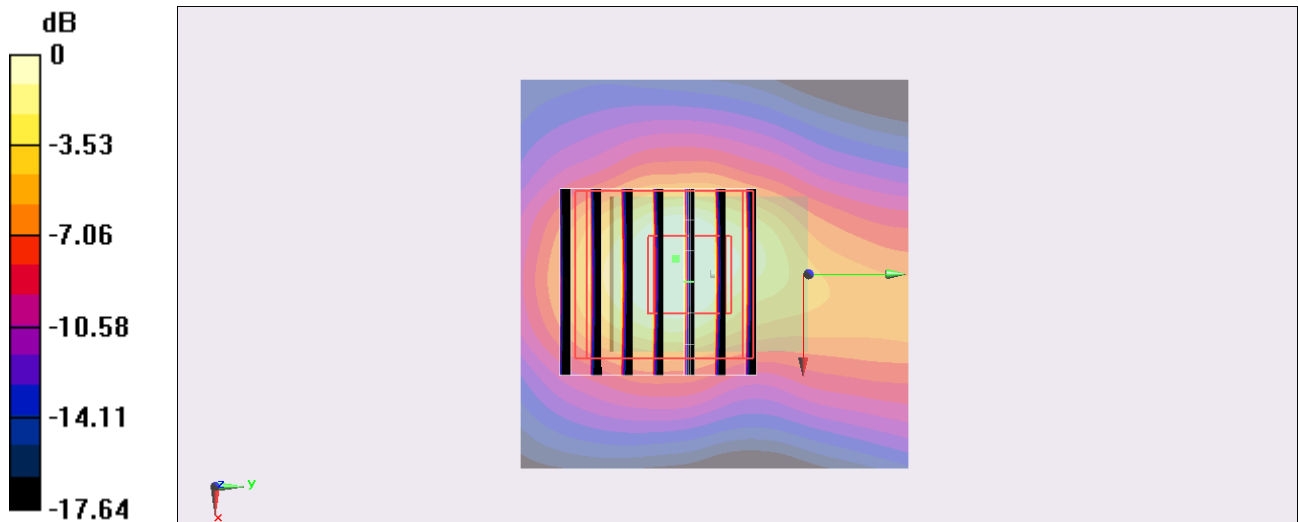Maximum value of SAR (interpolated) = 3.52 mW/g

Configuration/Ch40/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 23.224 V/m; Power Drift = -0.14 dB
Peak SAR (extrapolated) = 4.148 mW/g
SAR(1 g) = 1.06 mW/g; SAR(10 g) = 0.309 mW/g
Maximum value of SAR (measured) = 2.53 mW/g

0 dB = 2.53 mW/g = 8.06 dB mW/g

#09_WLAN5GHz_802.11a 6Mbps_Vertical Front_0.5cm_Ch44

DUT: 350409

Communication System: 802.11a; Frequency: 5220 MHz;Duty Cycle: 1:1
Medium: MSL_5G_130621 Medium parameters used : f = 5220 MHz; σ = 5.152 mho/m; ε_r = 47.437; ρ = 1000 kg/m^3
Ambient Temperature：22.5 ℃；Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3792; ConvF(4.27, 4.27, 4.27); Calibrated: 2013/6/4;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2013/5/28
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1029
- Measurement SW: DASY52, Version 52.8 (3);SEMCAD X Version 14.6.5 (6469)

Configuration/Ch44/Area Scan (51x51x1): Measurement grid: dx=10mm, dy=10mm
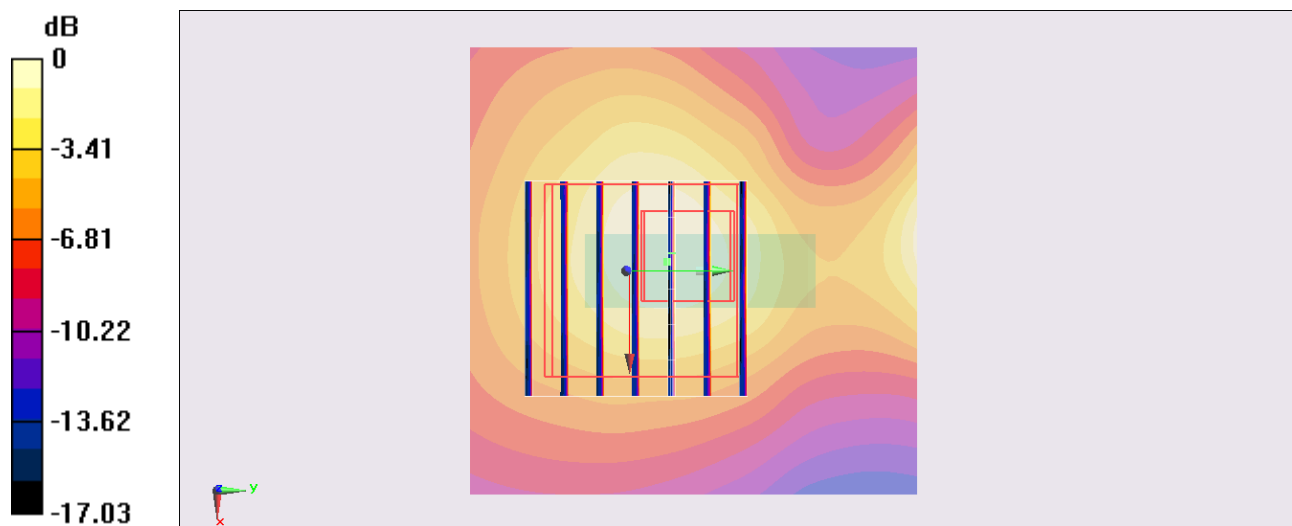Maximum value of SAR (interpolated) = 1.04 mW/g

Configuration/Ch44/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 15.089 V/m; Power Drift = -0.14 dB
Peak SAR (extrapolated) = 1.822 mW/g
SAR(1 g) = 0.479 mW/g; SAR(10 g) = 0.185 mW/g
Maximum value of SAR (measured) = 1.05 mW/g

0 dB = 1.05 mW/g = 0.42 dB mW/g

#04_WLAN5GHz_802.11a 6Mbps_Vertical Back_0.5cm_Ch44

DUT: 350409

Communication System: 802.11a; Frequency: 5220 MHz;Duty Cycle: 1:1
Medium: MSL_5G_130621 Medium parameters used: f = 5220 MHz; σ = 5.152 mho/m; ε_r = 47.437; ρ = 1000 kg/m^3
Ambient Temperature：22.5 ℃；Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3792; ConvF(4.27, 4.27, 4.27); Calibrated: 2013/6/4;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2013/5/28
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1029
- Measurement SW: DASY52, Version 52.8 (3);SEMCAD X Version 14.6.5 (6469)

Configuration/Ch44/Area Scan (51x51x1): Measurement grid: dx=10mm, dy=10mm
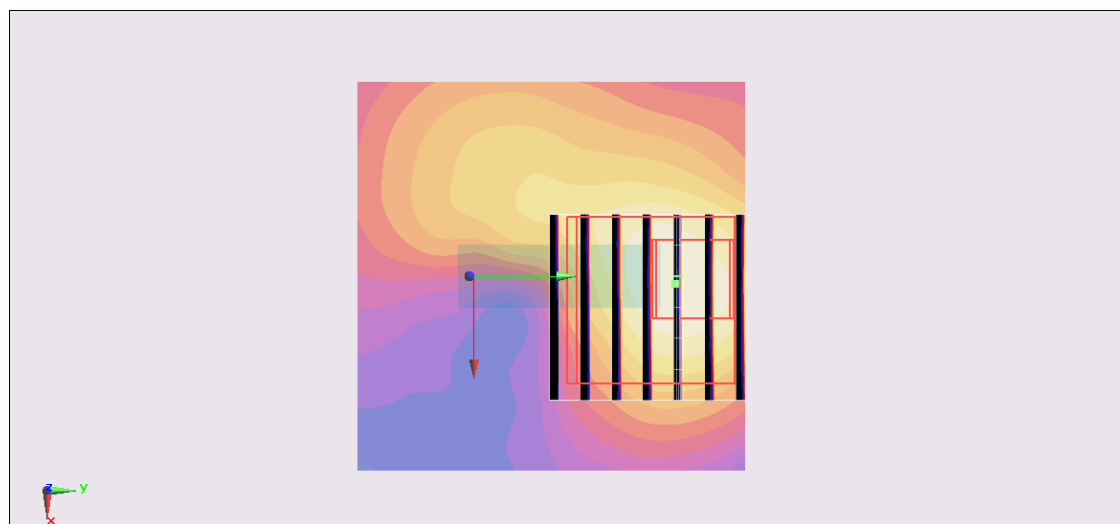Maximum value of SAR (interpolated) = 0.631 mW/g

Configuration/Ch44/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 10.876 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 0.986 mW/g
SAR(1 g) = 0.257 mW/g; SAR(10 g) = 0.088 mW/g
Maximum value of SAR (measured) = 0.590 mW/g
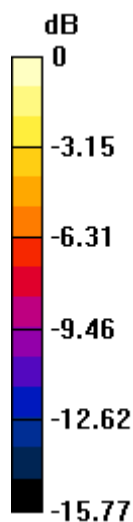
0 dB = 0.590 mW/g = -4.58 dB mW/g

#05_WLAN5GHz_802.11a 6Mbps_Tip Mode_0.5cm_Ch44

DUT: 350409

Communication System: 802.11a; Frequency: 5220 MHz;Duty Cycle: 1:1
Medium: MSL_5G_130621 Medium parameters used: f = 5220 MHz; σ = 5.152 mho/m; ε_r = 47.437; ρ = 1000 kg/m^3
Ambient Temperature：22.5 ℃；Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3792; ConvF(4.27, 4.27, 4.27); Calibrated: 2013/6/4;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2013/5/28
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1029
- Measurement SW: DASY52, Version 52.8 (3);SEMCAD X Version 14.6.5 (6469)

Configuration/Ch44/Area Scan (51x51x1): Measurement grid: dx=10mm, dy=10mm
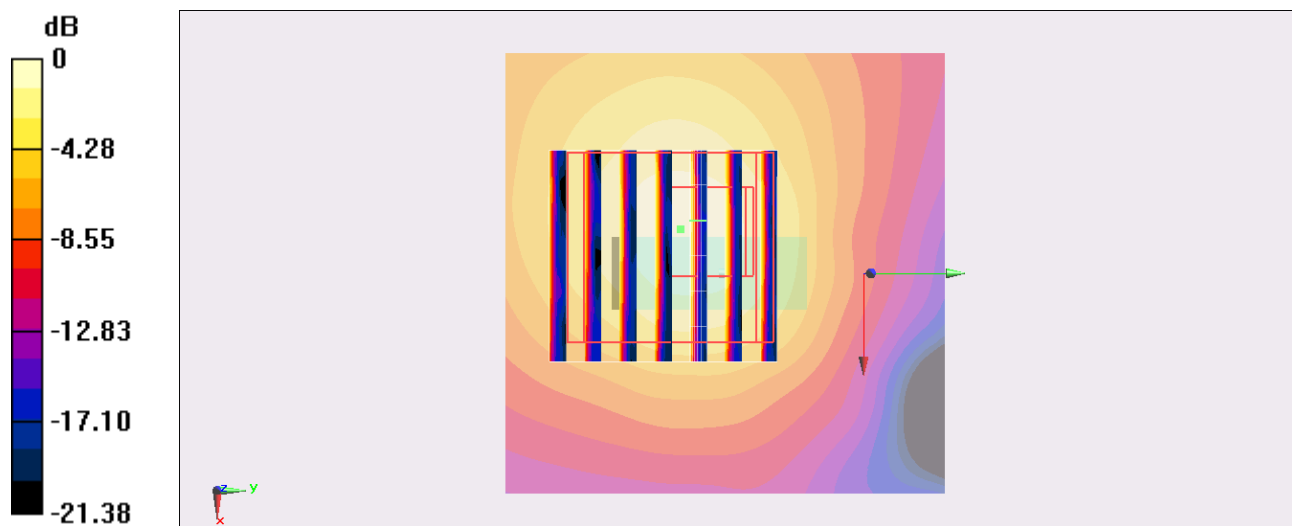Maximum value of SAR (interpolated) = 0.556 mW/g

Configuration/Ch44/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 11.680 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 0.912 mW/g
SAR(1 g) = 0.249 mW/g; SAR(10 g) = 0.088 mW/g
Maximum value of SAR (measured) = 0.551 mW/g

0 dB = 0.551 mW/g = -5.18 dB mW/g

#06_WLAN5GHz_802.11ac_VHT80 MCS0_Horizontal Down_0.5cm_Ch42

DUT: 350409

Communication System: 802.11ac; Frequency: 5210 MHz;Duty Cycle: 1:1
Medium: MSL_5G_130621 Medium parameters used: f = 5210 MHz; σ = 5.145 mho/m; ε_r = 47.465; ρ = 1000 kg/m^3
Ambient Temperature：22.5 ℃；Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3792; ConvF(4.27, 4.27, 4.27); Calibrated: 2013/6/4;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2013/5/28
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1029
- Measurement SW: DASY52, Version 52.8 (3);SEMCAD X Version 14.6.5 (6469)

Configuration/Ch42/Area Scan (51x51x1): Measurement grid: dx=10mm, dy=10mm
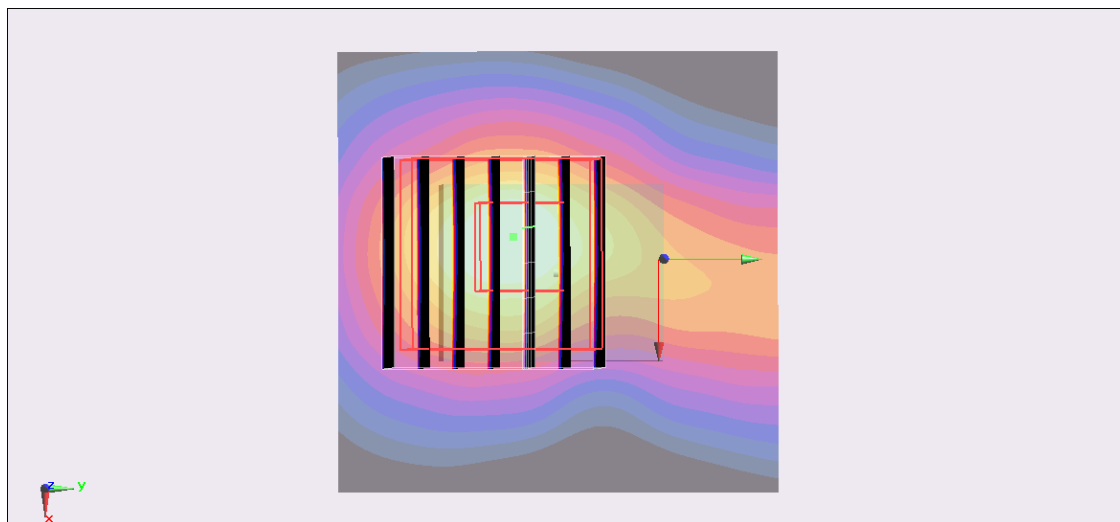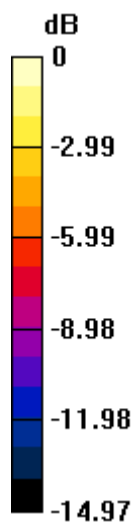Maximum value of SAR (interpolated) = 2.39 mW/g

Configuration/Ch42/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 22.916 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 3.189 mW/g
SAR(1 g) = 0.786 mW/g; SAR(10 g) = 0.238 mW/g
Maximum value of SAR (measured) = 1.91 mW/g

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

#153_WLAN5GHz_802.11a 6Mbps_Horizontal Up_0.5cm_Ch60

DUT: 350409

Communication System: 802.11a; Frequency: 5300 MHz;Duty Cycle: 1:1
Medium: MSL_5G_130621 Medium parameters used: f = 5300 MHz; σ = 5.27 mho/m; ε_r = 47.255; ρ = 1000 kg/m^3
Ambient Temperature：22.5 ℃；Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3792; ConvF(4.12, 4.12, 4.12); Calibrated: 2013/6/4;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2013/5/28
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1029
- Measurement SW: DASY52, Version 52.8 (3);SEMCAD X Version 14.6.5 (6469)

Configuration/Ch60/Area Scan (51x51x1): Measurement grid: dx=10mm, dy=10mm
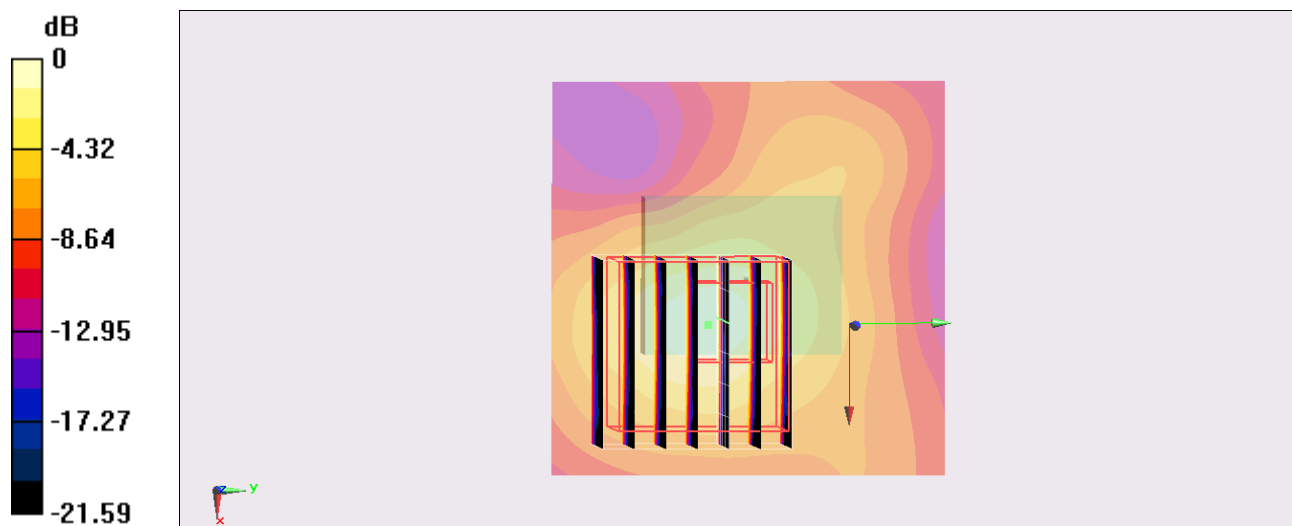Maximum value of SAR (interpolated) = 0.752 mW/g

Configuration/Ch60/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 13.729 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 1.348 mW/g
SAR(1 g) = 0.357 mW/g; SAR(10 g) = 0.113 mW/g
Maximum value of SAR (measured) = 0.824 mW/g

0 dB = 0.824 mW/g = -1.68 dB mW/g

#154_WLAN5GHz_802.11a 6Mbps_Horizontal Down_0.5cm_Ch60

DUT: 350409

Communication System: 802.11a; Frequency: 5300 MHz;Duty Cycle: 1:1
Medium: MSL_5G_130621 Medium parameters used: f = 5300 MHz; σ = 5.27 mho/m; ε_r = 47.255; ρ = 1000 kg/m^3
Ambient Temperature：22.5 ℃；Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3792; ConvF(4.12, 4.12, 4.12); Calibrated: 2013/6/4;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2013/5/28
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1029
- Measurement SW: DASY52, Version 52.8 (3);SEMCAD X Version 14.6.5 (6469)

Configuration/Ch60/Area Scan (51x51x1): Measurement grid: dx=10mm, dy=10mm
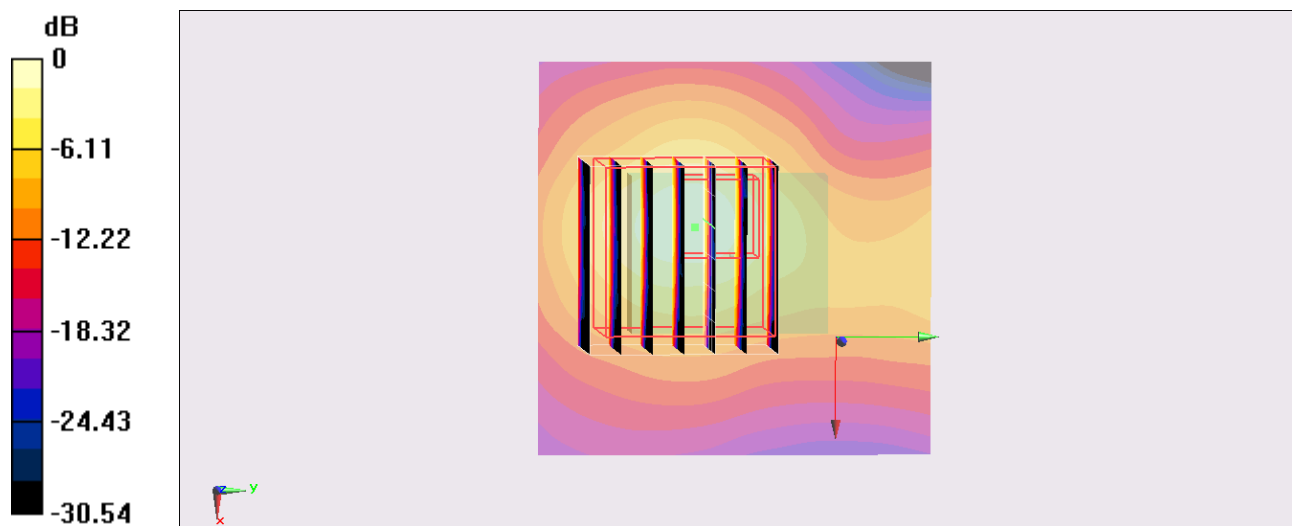Maximum value of SAR (interpolated) = 2.35 mW/g

Configuration/Ch60/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 23.157 V/m; Power Drift = -0.11 dB
Peak SAR (extrapolated) = 3.774 mW/g
SAR(1 g) = 0.898 mW/g; SAR(10 g) = 0.233 mW/g
Maximum value of SAR (measured) = 2.24 mW/g

0 dB = 2.24 mW/g = 7.00 dB mW/g

#155_WLAN5GHz_802.11a 6Mbps_Horizontal Down_0.5cm_Ch56

DUT: 350409

Communication System: 802.11a; Frequency: 5280 MHz;Duty Cycle: 1:1
Medium: MSL_5G_130621 Medium parameters used: f = 5280 MHz; σ = 5.231 mho/m; ε_r = 47.294; ρ = 1000 kg/m^3
Ambient Temperature：22.5 ℃; Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3792; ConvF(4.12, 4.12, 4.12); Calibrated: 2013/6/4;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2013/5/28
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1029
- Measurement SW: DASY52, Version 52.8 (3);SEMCAD X Version 14.6.5 (6469)

Configuration/Ch56/Area Scan (51x51x1): Measurement grid: dx=10mm, dy=10mm
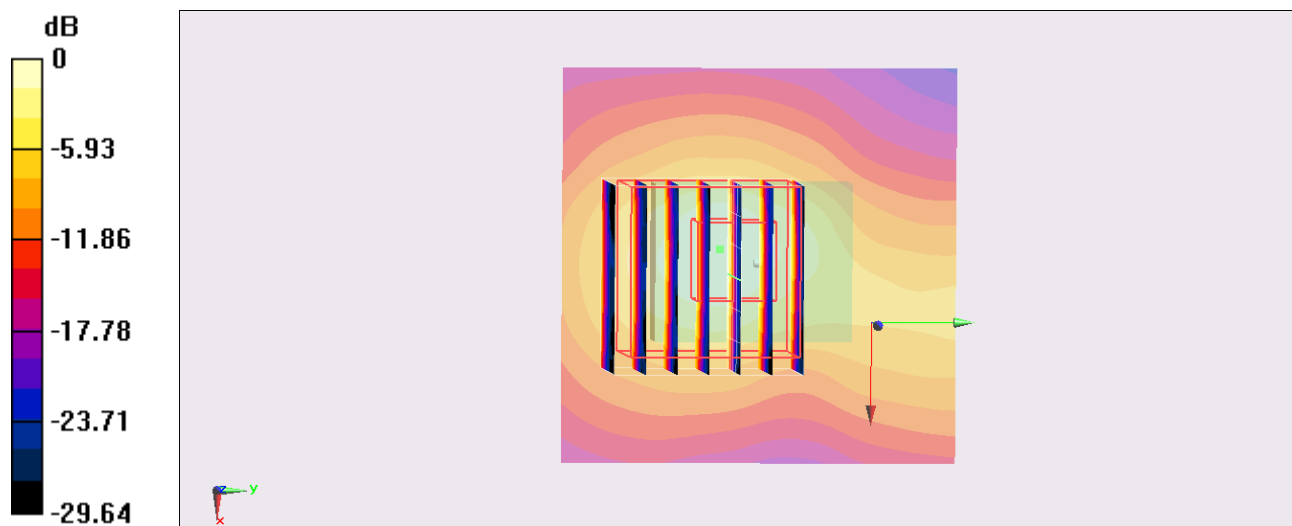Maximum value of SAR (interpolated) = 2.70 mW/g

Configuration/Ch56/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 22.448 V/m; Power Drift = -0.10 dB
Peak SAR (extrapolated) = 4.002 mW/g
SAR(1 g) = 1 mW/g; SAR(10 g) = 0.293 mW/g
Maximum value of SAR (measured) = 2.35 mW/g

0 dB = 2.35 mW/g = 7.42 dB mW/g

#156_WLAN5GHz_802.11a 6Mbps_Horizontal Down_0.5cm_Ch56;repeat

DUT: 350409

Communication System: 802.11a; Frequency: 5280 MHz;Duty Cycle: 1:1
Medium: MSL_5G_130621 Medium parameters used: f = 5280 MHz; σ = 5.231 mho/m; ε_r = 47.294; ρ = 1000 kg/m^3
Ambient Temperature：22.5 ℃；Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3792; ConvF(4.12, 4.12, 4.12); Calibrated: 2013/6/4;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2013/5/28
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1029
- Measurement SW: DASY52, Version 52.8 (3);SEMCAD X Version 14.6.5 (6469)

Configuration/Ch56/Area Scan (51x51x1): Measurement grid: dx=10mm, dy=10mm
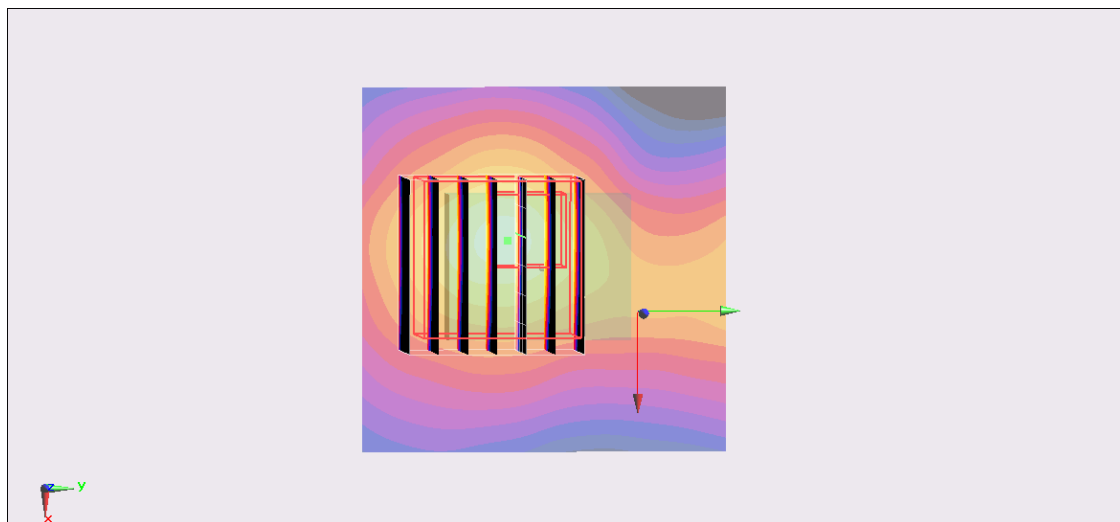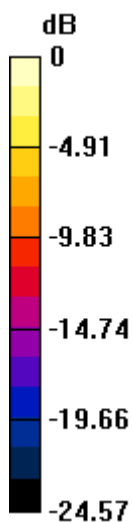Maximum value of SAR (interpolated) = 2.11 mW/g

Configuration/Ch56/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 24.217 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 4.157 mW/g
SAR(1 g) = 0.995 mW/g; SAR(10 g) = 0.258 mW/g
Maximum value of SAR (measured) = 2.49 mW/g

0 dB = 2.49 mW/g = 7.92 dB mW/g

#157_WLAN5GHz_802.11a 6Mbps_Vertical Front_0.5cm_Ch60

DUT: 350409

Communication System: 802.11a; Frequency: 5300 MHz;Duty Cycle: 1:1
Medium: MSL_5G_130621 Medium parameters used: f = 5300 MHz; σ = 5.27 mho/m; ε_r = 47.255; ρ = 1000 kg/m^3
Ambient Temperature：22.5 ℃；Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3792; ConvF(4.12, 4.12, 4.12); Calibrated: 2013/6/4;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2013/5/28
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1029
- Measurement SW: DASY52, Version 52.8 (3);SEMCAD X Version 14.6.5 (6469)

Configuration/Ch60/Area Scan (41x61x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.917 mW/g

Configuration/Ch60/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 14.392 V/m; Power Drift = -0.11 dB
Peak SAR (extrapolated) = 1.535 mW/g
SAR(1 g) = 0.387 mW/g; SAR(10 g) = 0.124 mW/g
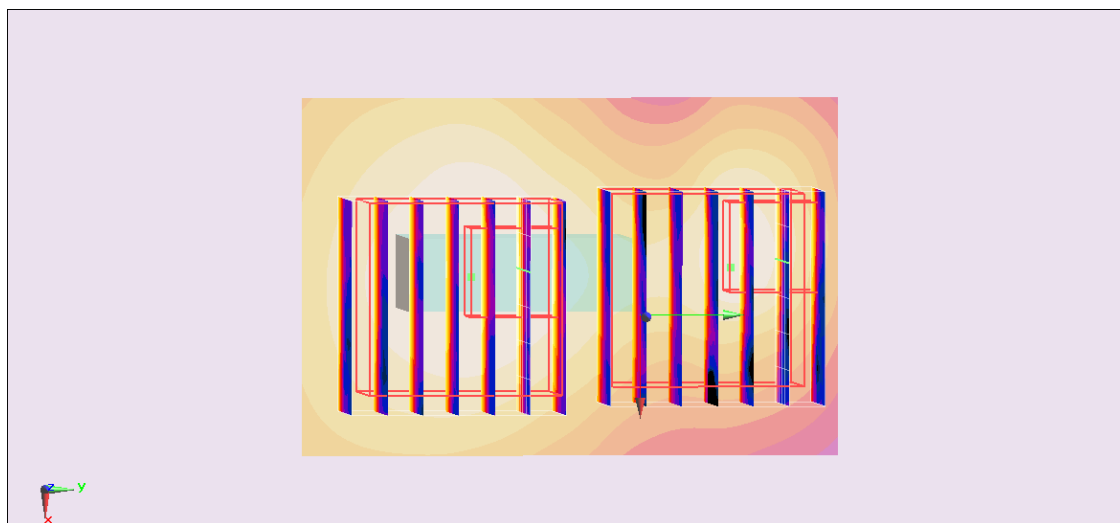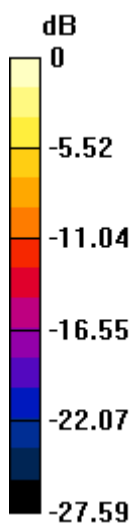Maximum value of SAR (measured) = 0.902 mW/g

Configuration/Ch60/Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 14.392 V/m; Power Drift = -0.11 dB
Peak SAR (extrapolated) = 1.101 mW/g
SAR(1 g) = 0.261 mW/g; SAR(10 g) = 0.069 mW/g
Maximum value of SAR (measured) = 0.649 mW/g

0 dB = 0.649 mW/g = -3.76 dB mW/g

#158_WLAN5GHz_802.11a 6Mbps_Vertical Back_0.5cm_Ch60

DUT: 350409

Communication System: 802.11a; Frequency: 5300 MHz;Duty Cycle: 1:1
Medium: MSL_5G_130621 Medium parameters used: f = 5300 MHz; σ = 5.27 mho/m; ε_r = 47.255; ρ = 1000 kg/m^3
Ambient Temperature：22.5 ℃；Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3792; ConvF(4.12, 4.12, 4.12); Calibrated: 2013/6/4;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2013/5/28
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1029
- Measurement SW: DASY52, Version 52.8 (3);SEMCAD X Version 14.6.5 (6469)

Configuration/Ch60/Area Scan (51x51x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.475 mW/g

Configuration/Ch60/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 10.204 V/m; Power Drift = 0.10 dB
Peak SAR (extrapolated) = 0.820 mW/g
SAR(1 g) = 0.213 mW/g; SAR(10 g) = 0.060 mW/g
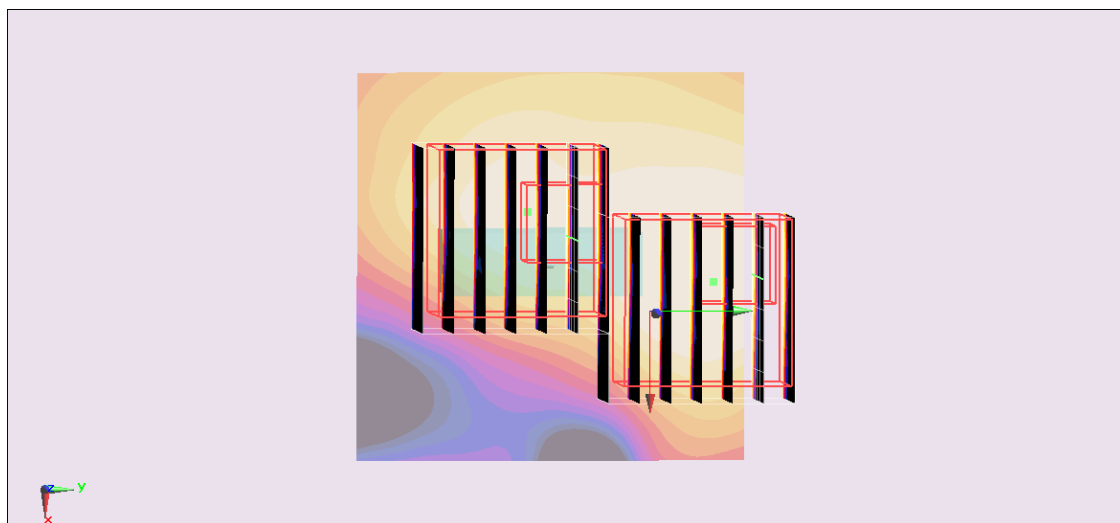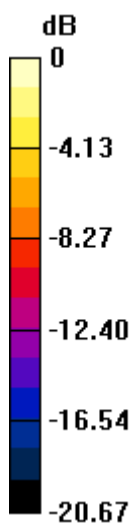Maximum value of SAR (measured) = 0.507 mW/g

Configuration/Ch60/Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 10.204 V/m; Power Drift = 0.10 dB
Peak SAR (extrapolated) = 1.017 mW/g
SAR(1 g) = 0.125 mW/g; SAR(10 g) = 0.037 mW/g
Maximum value of SAR (measured) = 0.305 mW/g

0 dB = 0.305 mW/g = -10.31 dB mW/g

#159_WLAN5GHz_802.11a 6Mbps_Tip Mode_0.5cm_Ch60

DUT: 350409

Communication System: 802.11a; Frequency: 5300 MHz;Duty Cycle: 1:1
Medium: MSL_5G_130621 Medium parameters used: f = 5300 MHz; σ = 5.27 mho/m; ε_r = 47.255; ρ = 1000 kg/m^3
Ambient Temperature：22.5 ℃；Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3792; ConvF(4.12, 4.12, 4.12); Calibrated: 2013/6/4;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2013/5/28
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1029
- Measurement SW: DASY52, Version 52.8 (3);SEMCAD X Version 14.6.5 (6469)

Configuration/Ch60/Area Scan (51x51x1): Measurement grid: dx=10mm, dy=10mm
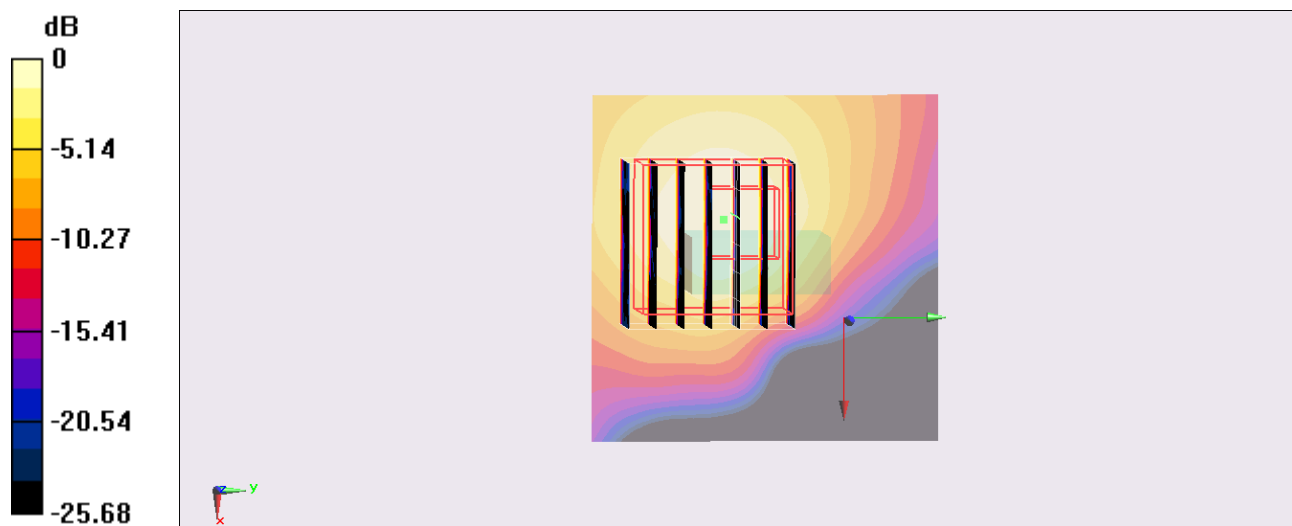Maximum value of SAR (interpolated) = 0.511 mW/g

Configuration/Ch60/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 10.533 V/m; Power Drift = -0.17 dB
Peak SAR (extrapolated) = 0.721 mW/g
SAR(1 g) = 0.180 mW/g; SAR(10 g) = 0.055 mW/g
Maximum value of SAR (measured) = 0.432 mW/g

0 dB = 0.432 mW/g = -7.29 dB mW/g

#160_WLAN5GHz_802.11ac-VHT80 MCS0_Horizontal Down_0.5cm_Ch58

DUT: 350409

Communication System: 802.11ac; Frequency: 5290 MHz;Duty Cycle: 1:1
Medium: MSL_5G_130621 Medium parameters used: f = 5290 MHz; σ = 5.251 mho/m; ε_r = 47.275; ρ = 1000 kg/m^3
Ambient Temperature：22.5 ℃；Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3792; ConvF(4.01, 4.01, 4.01); Calibrated: 2012/6/21;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2013/5/28
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1029
- Measurement SW: DASY52, Version 52.8 (3);SEMCAD X Version 14.6.5 (6469)

Configuration/Ch58/Area Scan (51x51x1): Measurement grid: dx=10mm, dy=10mm
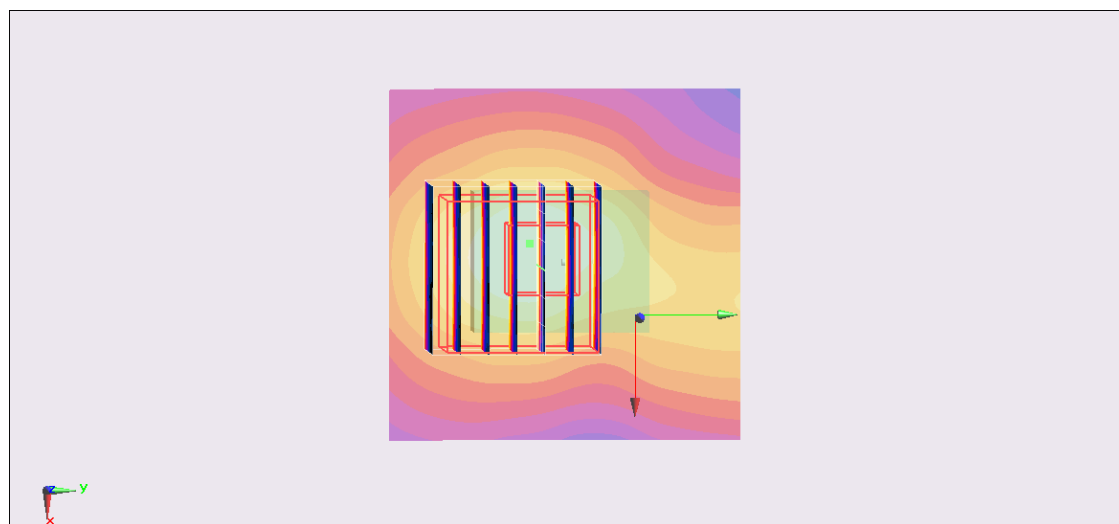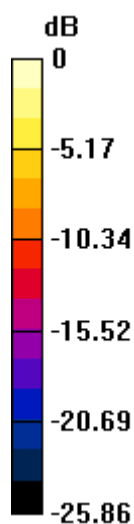Maximum value of SAR (interpolated) = 3.00 mW/g

Configuration/Ch58/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 23.195 V/m; Power Drift = -0.10 dB
Peak SAR (extrapolated) = 3.425 mW/g
SAR(1 g) = 0.894 mW/g; SAR(10 g) = 0.269 mW/g
Maximum value of SAR (measured) = 2.16 mW/g

0 dB = 2.16 mW/g = 6.69 dB mW/g

#161_WLAN5GHz_802.11a 6Mbps_Horizontal Up_0.5cm_Ch136

DUT: 350409

Communication System: 802.11a; Frequency: 5680 MHz;Duty Cycle: 1:1
Medium: MSL_5G_130621 Medium parameters used : f = 5680 MHz; σ = 5.792 mho/m; ε_r = 46.713; ρ = 1000 kg/m^3
Ambient Temperature：22.5 ℃；Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3792; ConvF(3.81, 3.81, 3.81); Calibrated: 2013/6/4;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2013/5/28
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1029
- Measurement SW: DASY52, Version 52.8 (3);SEMCAD X Version 14.6.5 (6469)

Configuration/Ch136/Area Scan (51x51x1): Measurement grid: dx=10mm, dy=10mm
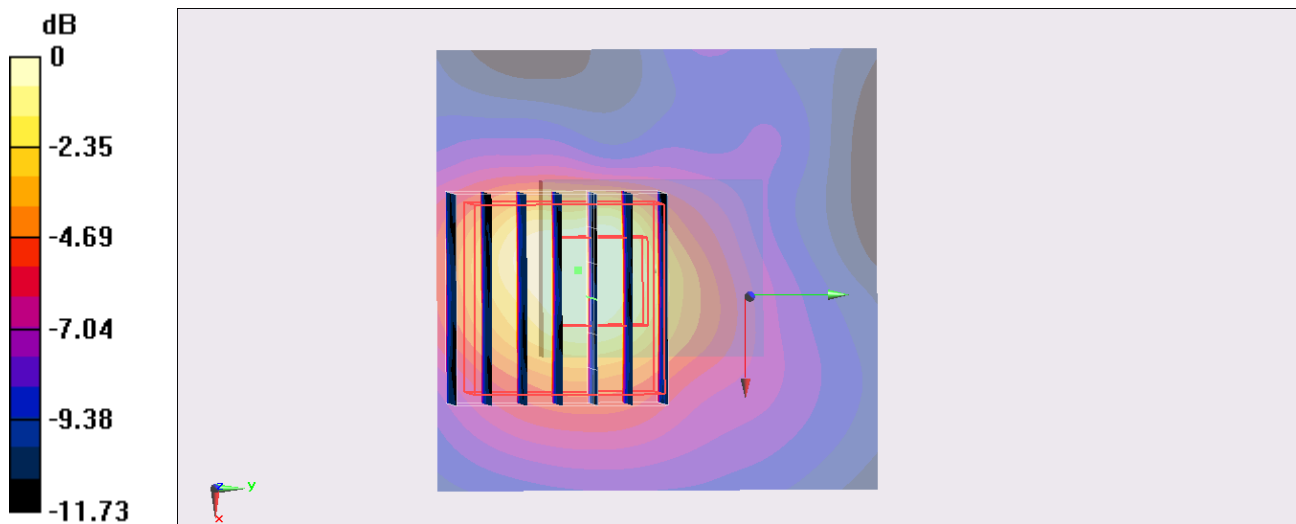Maximum value of SAR (interpolated) = 1.20 mW/g

Configuration/Ch136/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 14.054 V/m; Power Drift = 0.12 dB
Peak SAR (extrapolated) = 1.783 mW/g
SAR(1 g) = 0.449 mW/g; SAR(10 g) = 0.190 mW/g
Maximum value of SAR (measured) = 0.961 mW/g

0 dB = 0.961 mW/g = -0.35 dB mW/g

#167_WLAN5GHz_802.11a 6Mbps_Horizontal Up_0.5cm_Ch104

DUT: 350409

Communication System: 802.11a; Frequency: 5520 MHz;Duty Cycle: 1:1
Medium: MSL_5G_130621 Medium parameters used : f = 5520 MHz; σ = 5.546 mho/m; ε_r = 46.999; ρ = 1000 kg/m^3
Ambient Temperature：22.5 ℃；Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3792; ConvF(3.86, 3.86, 3.86); Calibrated: 2013/6/4;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2013/5/28
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1029
- Measurement SW: DASY52, Version 52.8 (3);SEMCAD X Version 14.6.5 (6469)

Configuration/Ch104/Area Scan (51x51x1): Measurement grid: dx=10mm, dy=10mm
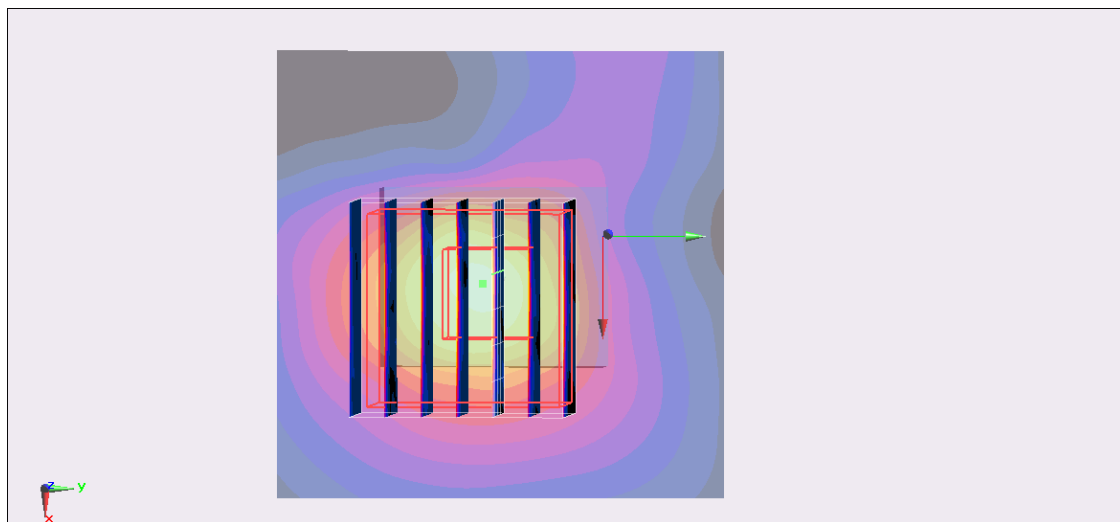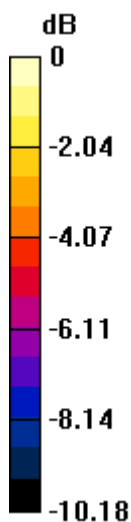Maximum value of SAR (interpolated) = 0.636 mW/g

Configuration/Ch104/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 11.779 V/m; Power Drift = 0.14 dB
Peak SAR (extrapolated) = 1.249 mW/g
SAR(1 g) = 0.342 mW/g; SAR(10 g) = 0.160 mW/g
Maximum value of SAR (measured) = 0.695 mW/g

0 dB = 0.695 mW/g = -3.16 dB mW/g

#168_WLAN5GHz_802.11a 6Mbps_Horizontal Up_0.5cm_Ch112

DUT: 350409

Communication System: 802.11a; Frequency: 5560 MHz;Duty Cycle: 1:1
Medium: MSL_5G_130621 Medium parameters used : f = 5560 MHz; σ = 5.604 mho/m; ε_r = 46.929; ρ = 1000 kg/m^3
Ambient Temperature：22.5 ℃；Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3792; ConvF(3.81, 3.81, 3.81); Calibrated: 2013/6/4;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2013/5/28
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1029
- Measurement SW: DASY52, Version 52.8 (3);SEMCAD X Version 14.6.5 (6469)

Configuration/Ch112/Area Scan (51x51x1): Measurement grid: dx=10mm, dy=10mm
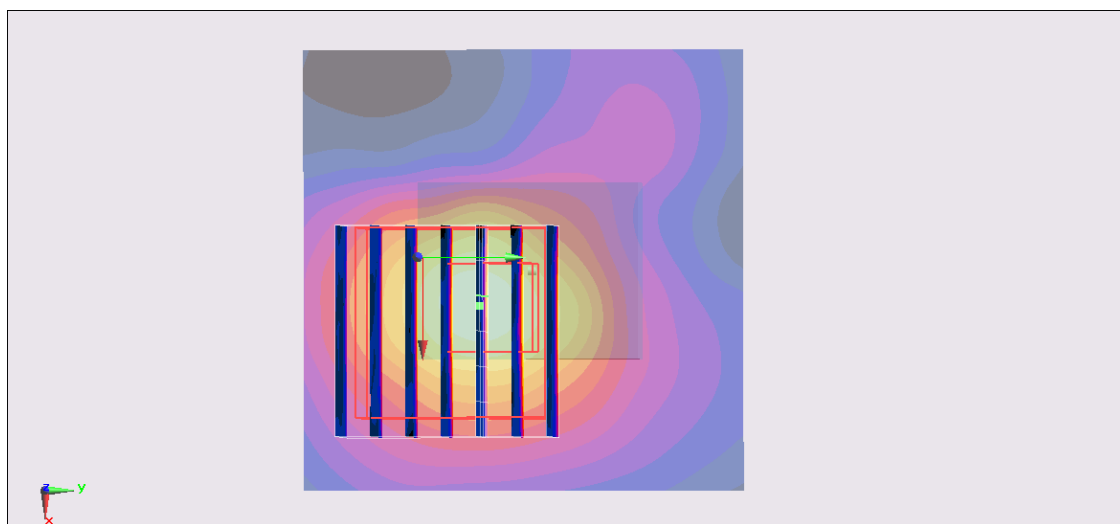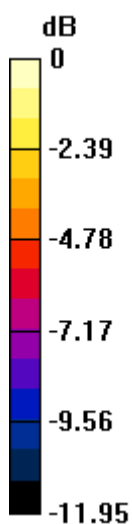Maximum value of SAR (interpolated) = 0.787 mW/g

Configuration/Ch112/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 13.367 V/m; Power Drift = 0.10 dB
Peak SAR (extrapolated) = 1.503 mW/g
SAR(1 g) = 0.399 mW/g; SAR(10 g) = 0.172 mW/g
Maximum value of SAR (measured) = 0.848 mW/g

0 dB = 0.848 mW/g = -1.43 dB mW/g

#162_WLAN5GHz_802.11a 6Mbps_Horizontal Down_0.5cm_Ch136

DUT: 350409

Communication System: 802.11a; Frequency: 5680 MHz;Duty Cycle: 1:1
Medium: MSL_5G_130621 Medium parameters used : f = 5680 MHz; σ = 5.792 mho/m; ε_r = 46.713; ρ = 1000 kg/m^3
Ambient Temperature：22.5 ℃；Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3792; ConvF(3.81, 3.81, 3.81); Calibrated: 2013/6/4;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2013/5/28
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1029
- Measurement SW: DASY52, Version 52.8 (3);SEMCAD X Version 14.6.5 (6469)

Configuration/Ch136/Area Scan (51x51x1): Measurement grid: dx=10mm, dy=10mm
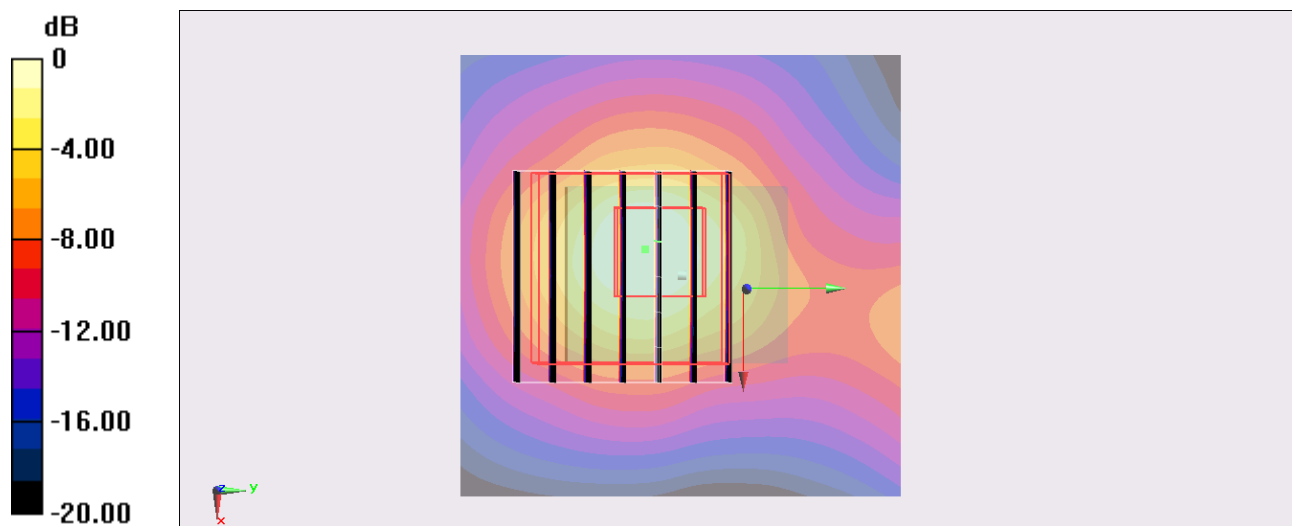Maximum value of SAR (interpolated) = 2.15 mW/g

Configuration/Ch136/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 19.558 V/m; Power Drift = -0.17 dB
Peak SAR (extrapolated) = 3.343 mW/g
SAR(1 g) = 0.697 mW/g; SAR(10 g) = 0.195 mW/g
Maximum value of SAR (measured) = 1.80 mW/g

0 dB = 1.80 mW/g = 5.11 dB mW/g

#170_WLAN5GHz_802.11a 6Mbps_Horizontal Down_0.5cm_Ch104

DUT: 350409

Communication System: 802.11a; Frequency: 5520 MHz;Duty Cycle: 1:1
Medium: MSL_5G_130621 Medium parameters used : f = 5520 MHz; σ = 5.546 mho/m; ε_r = 46.999; ρ = 1000 kg/m^3
Ambient Temperature：22.5 ℃；Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3792; ConvF(3.86, 3.86, 3.86); Calibrated: 2013/6/4;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2013/5/28
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1029
- Measurement SW: DASY52, Version 52.8 (3);SEMCAD X Version 14.6.5 (6469)

Configuration/Ch104/Area Scan (51x51x1): Measurement grid: dx=10mm, dy=10mm
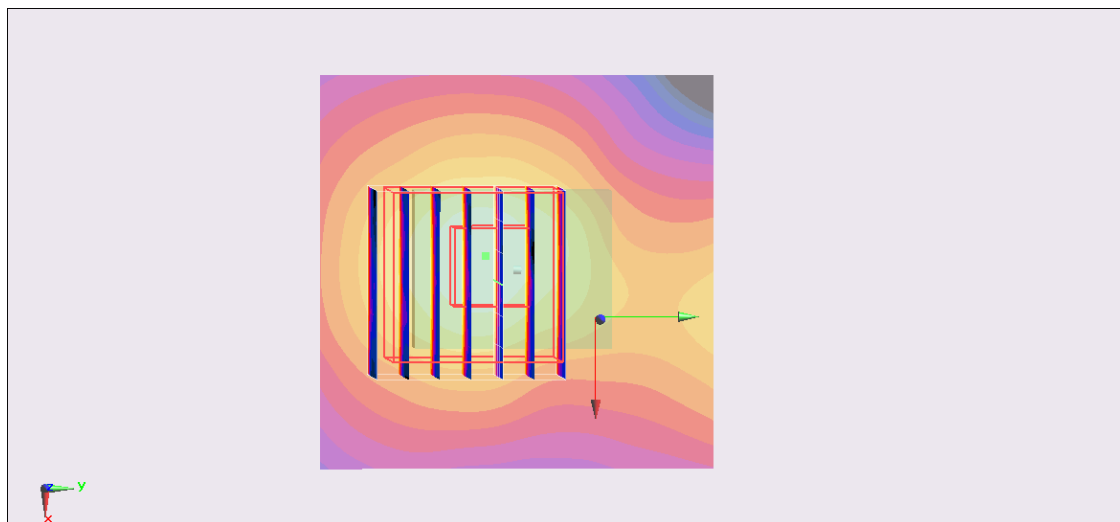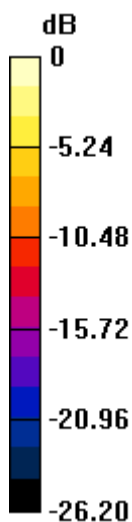Maximum value of SAR (interpolated) = 0.932 mW/g

Configuration/Ch104/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 13.550 V/m; Power Drift = -0.11 dB
Peak SAR (extrapolated) = 1.549 mW/g
SAR(1 g) = 0.360 mW/g; SAR(10 g) = 0.109 mW/g
Maximum value of SAR (measured) = 0.871 mW/g

0 dB = 0.871 mW/g = -1.20 dB mW/g

#171_WLAN5GHz_802.11a 6Mbps_Horizontal Down_0.5cm_Ch112

DUT: 350409

Communication System: 802.11a; Frequency: 5560 MHz;Duty Cycle: 1:1
Medium: MSL_5G_130621 Medium parameters used: f = 5560 MHz; σ = 5.604 mho/m; ε_r = 46.929; ρ = 1000 kg/m^3
Ambient Temperature：22.5 ℃；Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3792; ConvF(3.81, 3.81, 3.81); Calibrated: 2013/6/4;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2013/5/28
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1029
- Measurement SW: DASY52, Version 52.8 (3);SEMCAD X Version 14.6.5 (6469)

Configuration/Ch112/Area Scan (51x51x1): Measurement grid: dx=10mm, dy=10mm
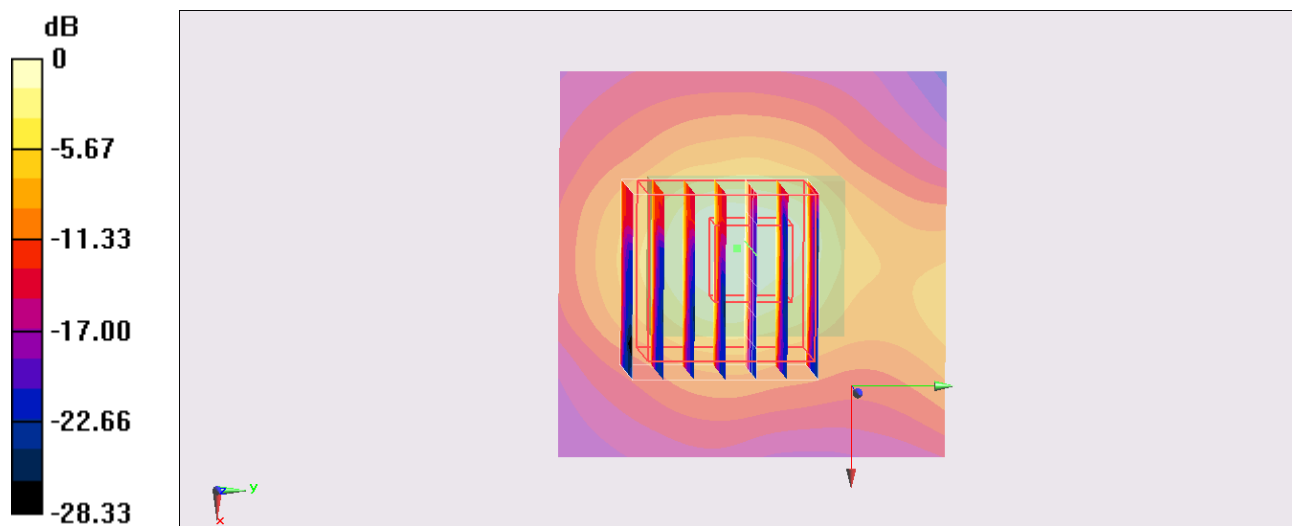Maximum value of SAR (interpolated) = 1.73 mW/g

Configuration/Ch112/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 15.333 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 2.813 mW/g
SAR(1 g) = 0.590 mW/g; SAR(10 g) = 0.174 mW/g
Maximum value of SAR (measured) = 1.48 mW/g

0 dB = 1.48 mW/g = 3.41 dB mW/g

#163_WLAN5GHz_802.11a 6Mbps_Vertical Front_0.5cm_Ch136

DUT: 350409

Communication System: 802.11a; Frequency: 5680 MHz;Duty Cycle: 1:1
Medium: MSL_5G_130621 Medium parameters used : f = 5680 MHz; σ = 5.792 mho/m; ε_r = 46.713; ρ = 1000 kg/m^3
Ambient Temperature：22.5 ℃；Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3792; ConvF(3.81, 3.81, 3.81); Calibrated: 2013/6/4;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2013/5/28
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1029
- Measurement SW: DASY52, Version 52.8 (3);SEMCAD X Version 14.6.5 (6469)

Configuration/Ch136/Area Scan (51x51x1): Measurement grid: dx=10mm, dy=10mm
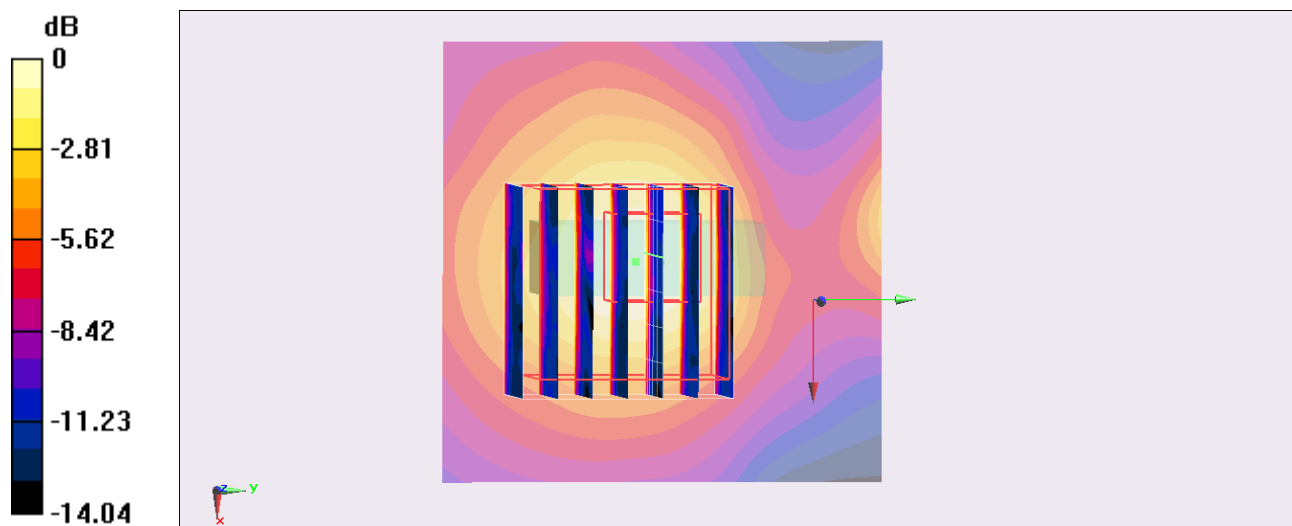Maximum value of SAR (interpolated) = 0.825 mW/g

Configuration/Ch136/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 11.469 V/m; Power Drift = 0.18 dB
Peak SAR (extrapolated) = 1.528 mW/g
SAR(1 g) = 0.349 mW/g; SAR(10 g) = 0.146 mW/g
Maximum value of SAR (measured) = 0.778 mW/g

0 dB = 0.778 mW/g = -2.18 dB mW/g

#164_WLAN5GHz_802.11a 6Mbps_Vertical Back_0.5cm_Ch136

DUT: 350409

Communication System: 802.11a; Frequency: 5680 MHz;Duty Cycle: 1:1
Medium: MSL_5G_130621 Medium parameters used: f = 5680 MHz; σ = 5.792 mho/m; ε_r = 46.713; ρ = 1000 kg/m^3
Ambient Temperature：22.5 ℃；Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3792; ConvF(3.81, 3.81, 3.81); Calibrated: 2013/6/4;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2013/5/28
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1029
- Measurement SW: DASY52, Version 52.8 (3);SEMCAD X Version 14.6.5 (6469)

Configuration/Ch136/Area Scan (51x51x1): Measurement grid: dx=10mm, dy=10mm
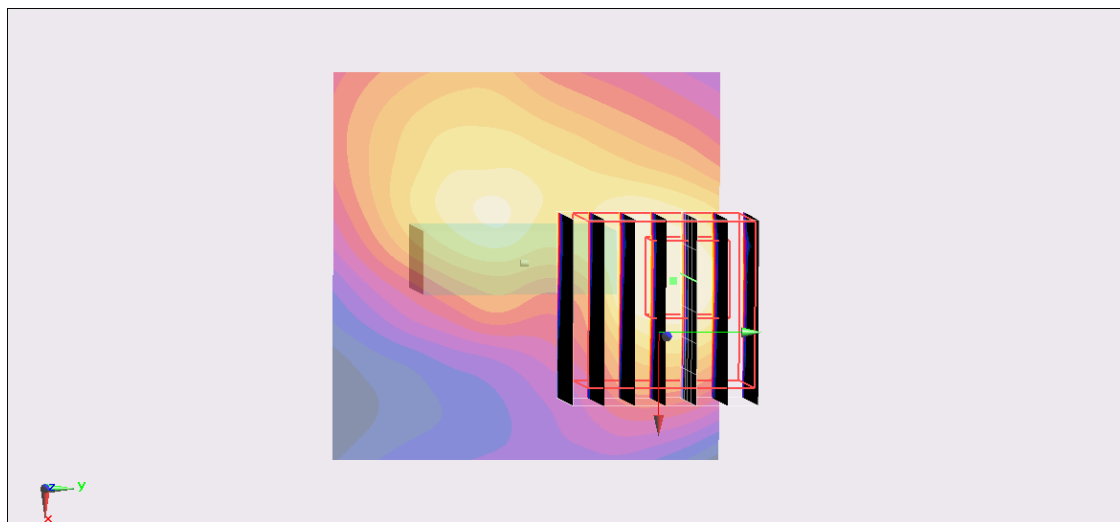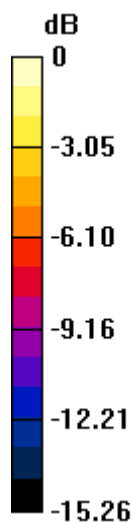Maximum value of SAR (interpolated) = 0.433 mW/g

Configuration/Ch136/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 7.797 V/m; Power Drift = -0.19 dB
Peak SAR (extrapolated) = 0.713 mW/g
SAR(1 g) = 0.147 mW/g; SAR(10 g) = 0.044 mW/g
Maximum value of SAR (measured) = 0.387 mW/g

0 dB = 0.387 mW/g = -8.25 dB mW/g

#165_WLAN5GHz_802.11a 6Mbps_Tip Mode_0.5cm_Ch136

DUT: 350409

Communication System: 802.11a; Frequency: 5680 MHz;Duty Cycle: 1:1
Medium: MSL_5G_130621 Medium parameters used: f = 5680 MHz; σ = 5.792 mho/m; ε_r = 46.713; ρ = 1000 kg/m^3
Ambient Temperature：22.5 ℃；Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3792; ConvF(3.81, 3.81, 3.81); Calibrated: 2013/6/4;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2013/5/28
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1029
- Measurement SW: DASY52, Version 52.8 (3);SEMCAD X Version 14.6.5 (6469)

Configuration/Ch136/Area Scan (51x51x1): Measurement grid: dx=10mm, dy=10mm
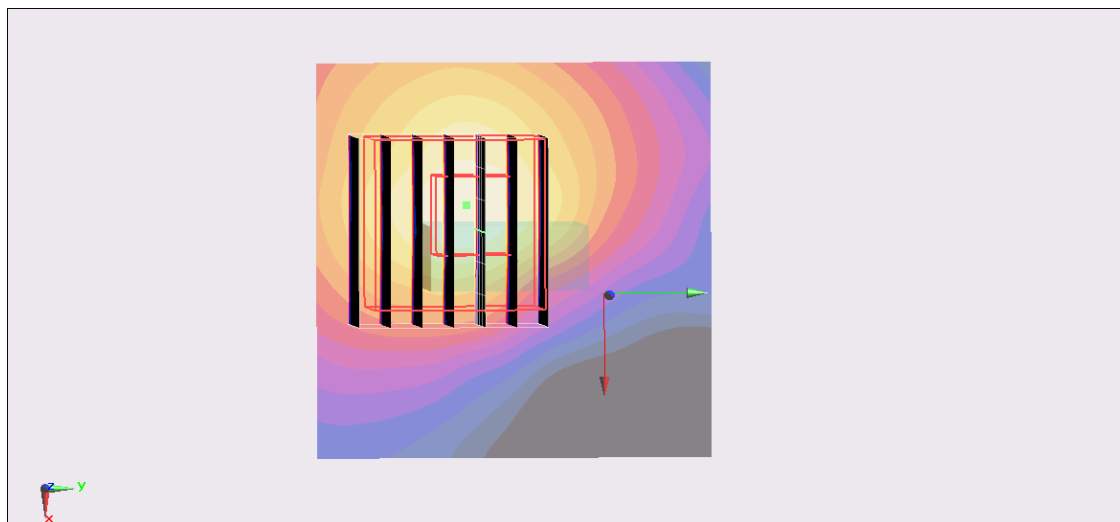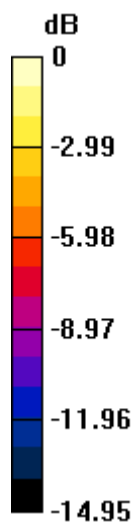Maximum value of SAR (interpolated) = 0.389 mW/g

Configuration/Ch136/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 9.041 V/m; Power Drift = -0.10 dB
Peak SAR (extrapolated) = 0.633 mW/g
SAR(1 g) = 0.145 mW/g; SAR(10 g) = 0.049 mW/g
Maximum value of SAR (measured) = 0.361 mW/g

0 dB = 0.361 mW/g = -8.85 dB mW/g

#166_WLAN5GHz_802.11ac-VHT80 MCS0_Horizontal Down_0.5cm_Ch106

DUT: 350409

Communication System: 802.11ac; Frequency: 5530 MHz;Duty Cycle: 1:1
Medium: MSL_5G_130621 Medium parameters used: f = 5530 MHz; σ = 5.561 mho/m; ε_r = 46.986; ρ = 1000 kg/m^3
Ambient Temperature：22.5 ℃；Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3792; ConvF(3.86, 3.86, 3.86); Calibrated: 2013/6/4;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2013/5/28
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1029
- Measurement SW: DASY52, Version 52.8 (3);SEMCAD X Version 14.6.5 (6469)

Configuration/Ch106/Area Scan (51x51x1): Measurement grid: dx=10mm, dy=10mm
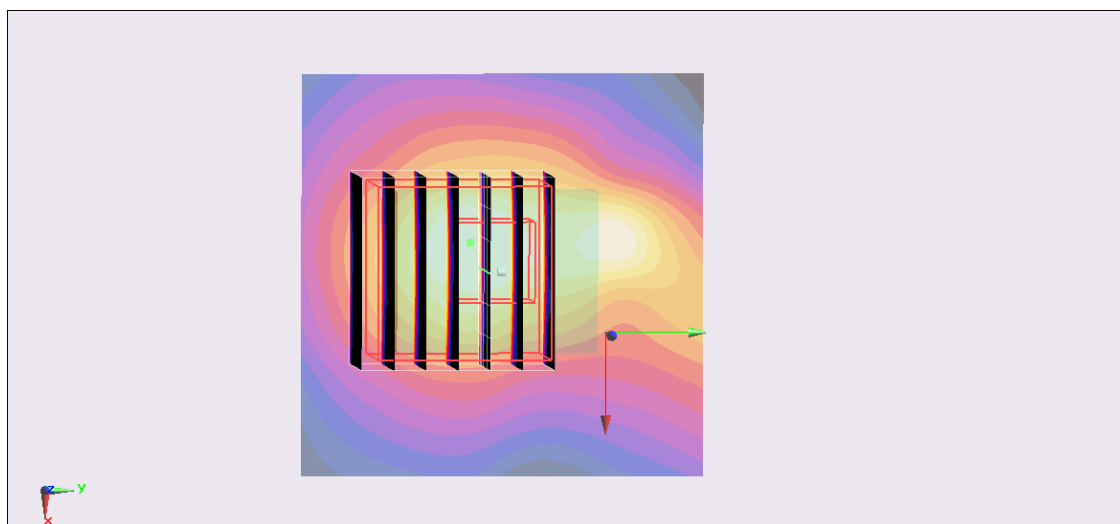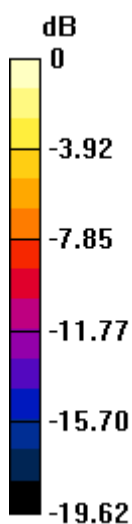Maximum value of SAR (interpolated) = 1.04 mW/g

Configuration/Ch106/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 13.335 V/m; Power Drift = -0.09 dB
Peak SAR (extrapolated) = 1.547 mW/g
SAR(1 g) = 0.337 mW/g; SAR(10 g) = 0.092 mW/g
Maximum value of SAR (measured) = 0.838 mW/g

0 dB = 0.838 mW/g = -1.54 dB mW/g

#187_WLAN5GHz_802.11a 6Mbps_Horizontal Up_0.5cm_Ch165

DUT: 350409

Communication System: 802.11a; Frequency: 5825 MHz;Duty Cycle: 1:1
Medium: MSL_5G_130709 Medium parameters used: f = 5825 MHz; σ = 6.153 S/m; ε_r = 47.051; ρ = 1000 kg/m^3
Ambient Temperature：22.6 ℃；Liquid Temperature：21.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(4.06, 4.06, 4.06); Calibrated: 2012/9/28;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2013/1/28
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: 1173
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

Configuration/Ch165/Area Scan (51x51x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
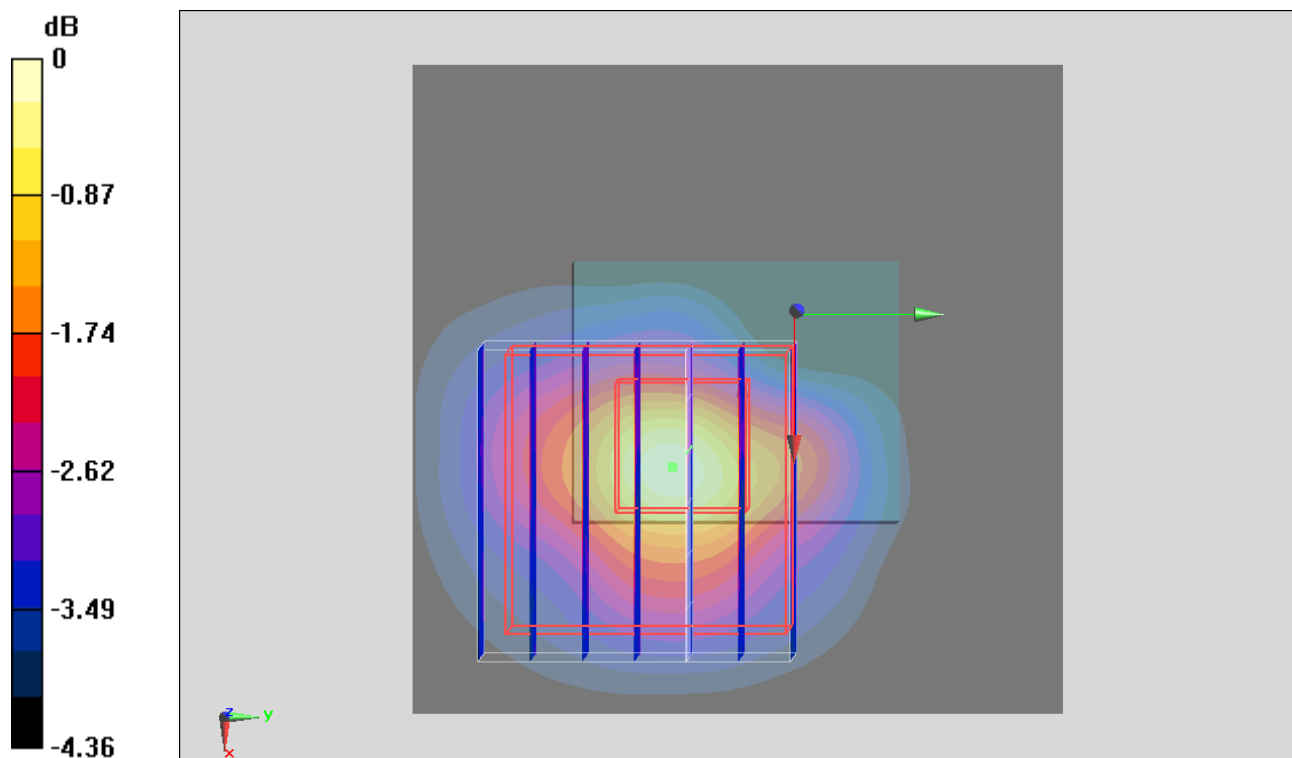Maximum value of SAR (interpolated) = 0.802 W/kg

Configuration/Ch165/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 13.065 V/m; Power Drift = 0.10 dB
Peak SAR (extrapolated) = 1.25 W/kg
SAR(1 g) = 0.545 W/kg; SAR(10 g) = 0.418 W/kg
Maximum value of SAR (measured) = 0.815 W/kg

0 dB = 0.815 W/kg = -0.89 dBW/kg

#188_WLAN5GHz_802.11a 6Mbps_Horizontal Down_0.5cm_Ch165

DUT: 350409

Communication System: 802.11a; Frequency: 5825 MHz;Duty Cycle: 1:1
Medium: MSL_5G_130709 Medium parameters used: f = 5825 MHz; σ = 6.153 S/m; ε_r = 47.051; ρ = 1000 kg/m^3
Ambient Temperature：22.6 ℃；Liquid Temperature：21.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(4.06, 4.06, 4.06); Calibrated: 2012/9/28;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2013/1/28
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: 1173
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

Configuration/Ch165/Area Scan (51x51x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 2.17 W/kg

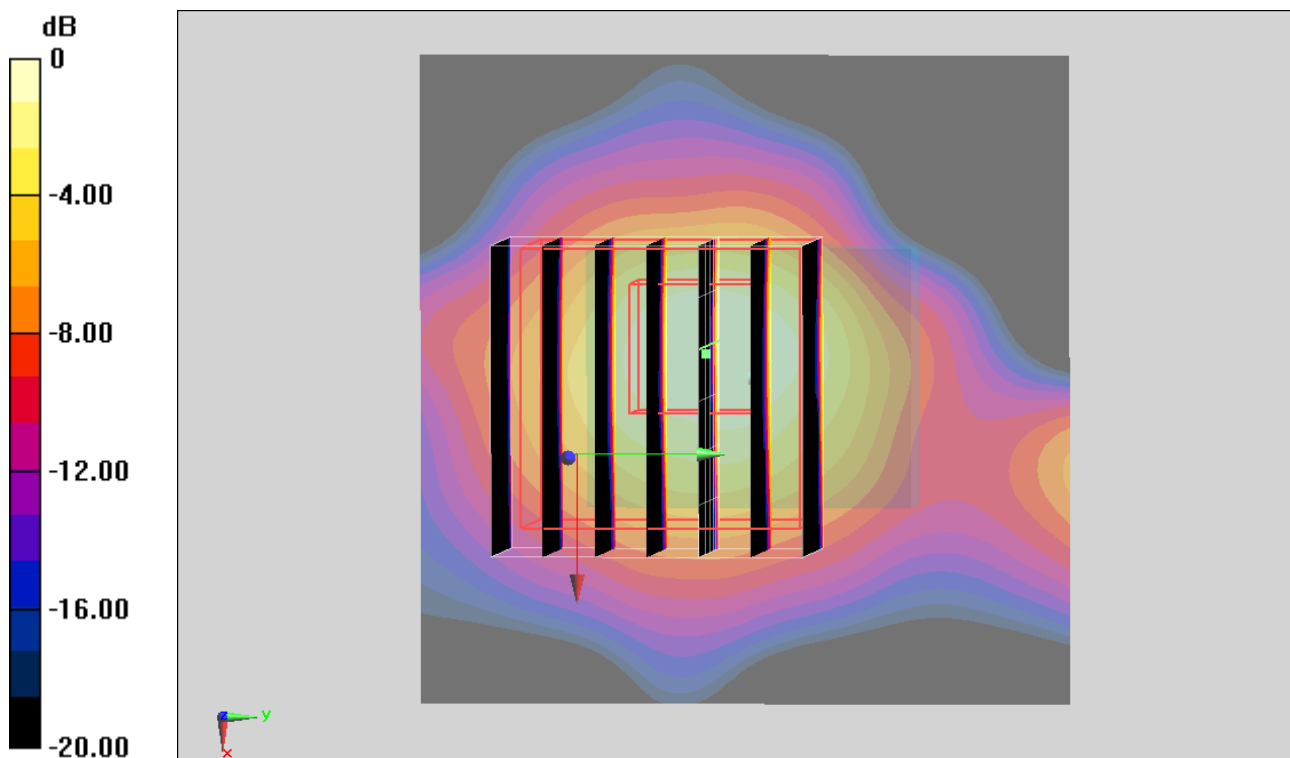**Configuration/Ch165/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 20.087 V/m; Power Drift = -0.18 dB
Peak SAR (extrapolated) = 8.41 W/kg
SAR(1 g) = 0.656 W/kg; SAR(10 g) = 0.174 W/kg
Maximum value of SAR (measured) = 1.86 W/kg

0 dB = 1.86 W/kg = 2.70 dBW/kg

#193_WLAN5GHz_802.11a 6Mbps_Horizontal Down_0.5cm_Ch149

DUT: 350409

Communication System: 802.11a; Frequency: 5745 MHz;Duty Cycle: 1:1
Medium: MSL_5G_130709 Medium parameters used: f = 5745 MHz; σ = 6.051 S/m; ε_r = 47.358; ρ = 1000 kg/m^3
Ambient Temperature：22.6 ℃；Liquid Temperature：21.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(4.06, 4.06, 4.06); Calibrated: 2012/9/28;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2013/1/28
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: 1173
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

Configuration/Ch149/Area Scan (51x51x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 1.86 W/kg

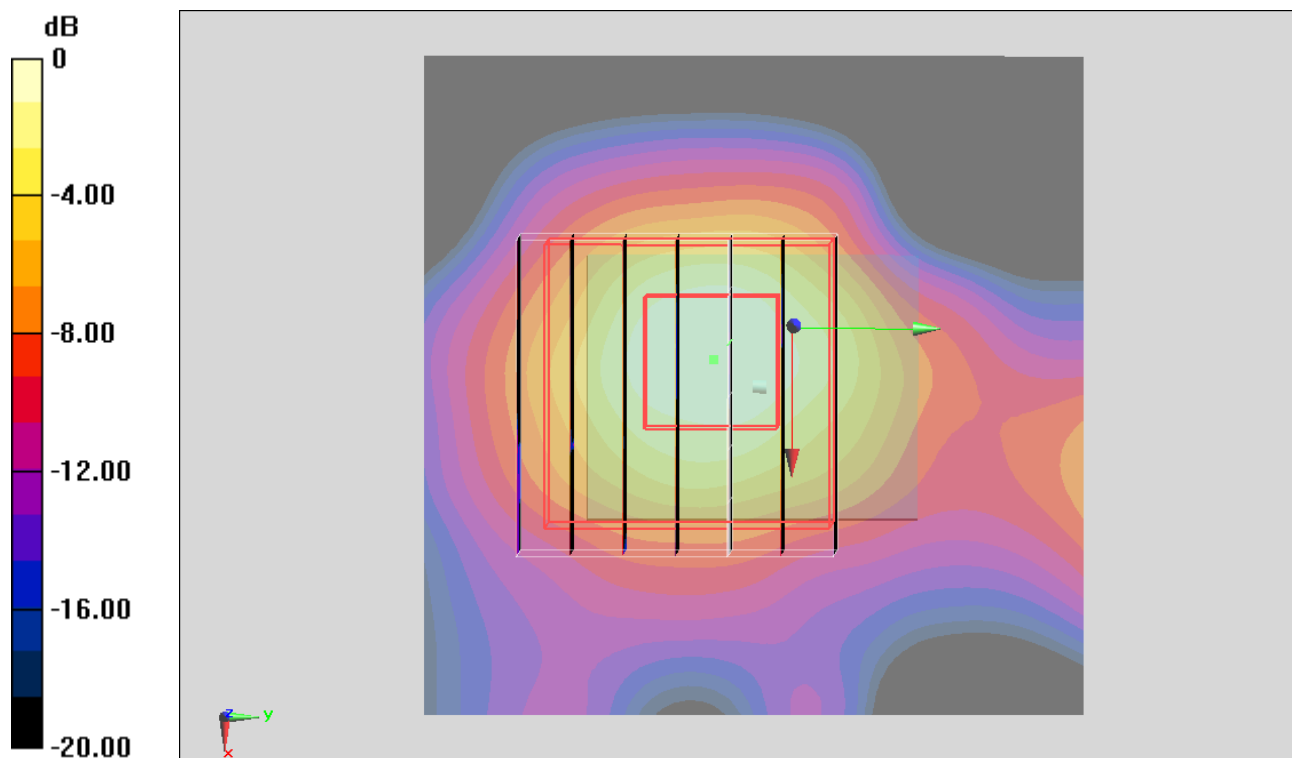**Configuration/Ch149/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 19.163 V/m; Power Drift = -0.15 dB
Peak SAR (extrapolated) = 2.36 W/kg
SAR(1 g) = 0.532 W/kg; SAR(10 g) = 0.145 W/kg
Maximum value of SAR (measured) = 1.56 W/kg

0 dB = 1.56 W/kg = 1.93 dBW/kg

#194_WLAN5GHz_802.11a 6Mbps_Horizontal Down_0.5cm_Ch157

DUT: 350409

Communication System: 802.11a; Frequency: 5785 MHz;Duty Cycle: 1:1
Medium: MSL_5G_130709 Medium parameters used: f = 5785 MHz; σ = 6.096 S/m; ε_r = 47.214; ρ =
1000 kg/m^3
Ambient Temperature：22.6 ℃；Liquid Temperature：21.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(4.06, 4.06, 4.06); Calibrated: 2012/9/28;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2013/1/28
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: 1173
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

Configuration/Ch157/Area Scan (51x51x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
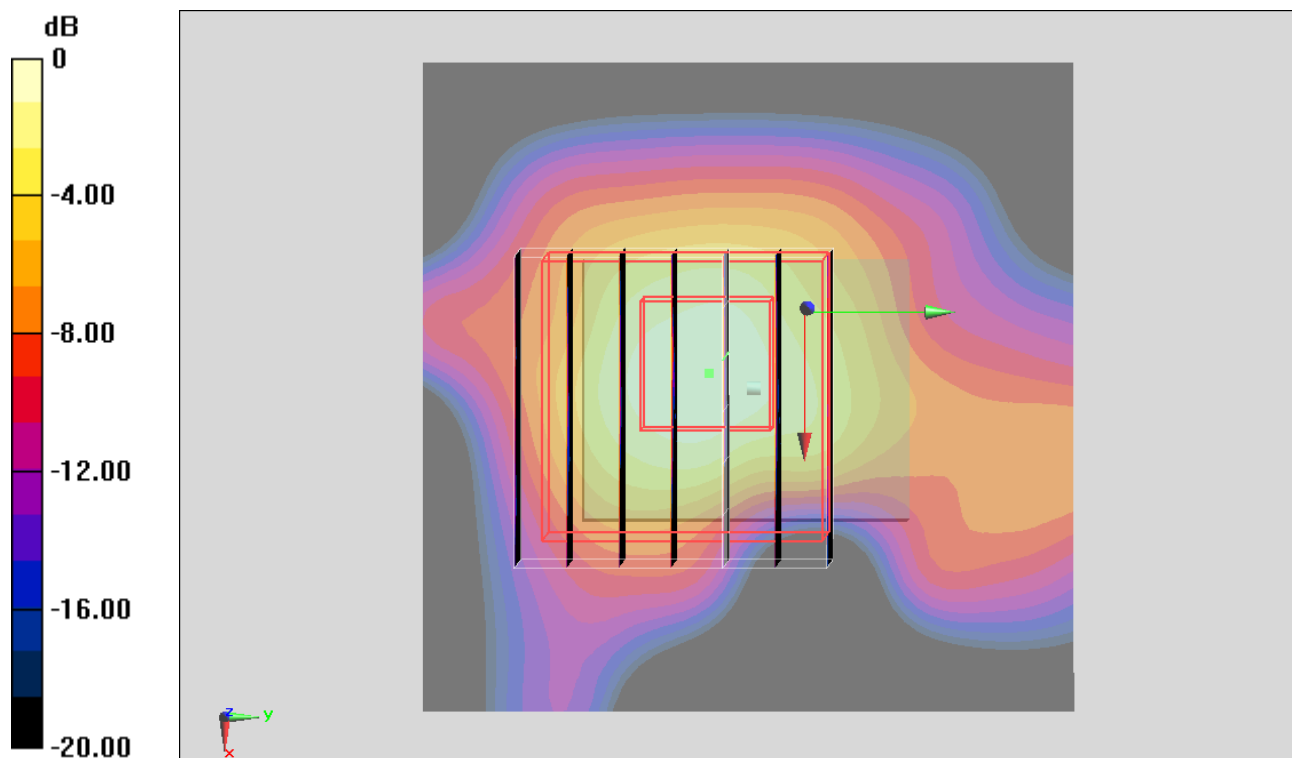Maximum value of SAR (interpolated) = 1.71 W/kg

Configuration/Ch157/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm,
dz=1.4mm
Reference Value = 19.079 V/m; Power Drift = -0.12 dB
Peak SAR (extrapolated) = 2.62 W/kg
SAR(1 g) = 0.642 W/kg; SAR(10 g) = 0.171 W/kg
Maximum value of SAR (measured) = 1.66 W/kg

0 dB = 1.66 W/kg = 2.20 dBW/kg

#189_WLAN5GHz_802.11a 6Mbps_Vertical Front_0.5cm_Ch165

DUT: 350409

Communication System: 802.11a; Frequency: 5825 MHz;Duty Cycle: 1:1
Medium: MSL_5G_130709 Medium parameters used: f = 5825 MHz; σ = 6.153 S/m; ε_r = 47.051; ρ = 1000 kg/m^3
Ambient Temperature：22.6 ℃；Liquid Temperature：21.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(4.06, 4.06, 4.06); Calibrated: 2012/9/28;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2013/1/28
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: 1173
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

Configuration/Ch165/Area Scan (51x51x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
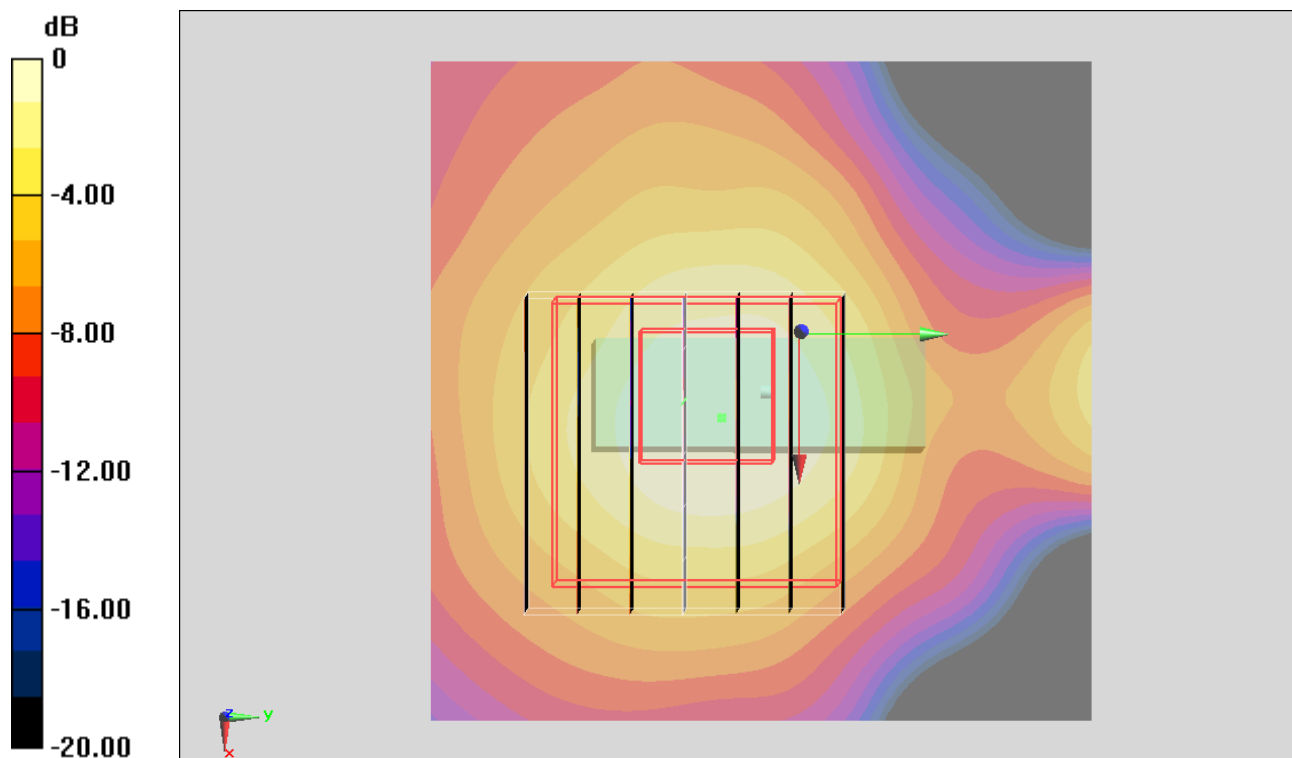Maximum value of SAR (interpolated) = 1.19 W/kg

Configuration/Ch165/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 15.716 V/m; Power Drift = -0.13 dB
Peak SAR (extrapolated) = 1.74 W/kg
SAR(1 g) = 0.409 W/kg; SAR(10 g) = 0.121 W/kg
Maximum value of SAR (measured) = 1.08 W/kg

0 dB = 1.08 W/kg = 0.33 dBW/kg

#190_WLAN5GHz_802.11a 6Mbps_Vertical Back_0.5cm_Ch165

DUT: 350409

Communication System: 802.11a; Frequency: 5825 MHz;Duty Cycle: 1:1
Medium: MSL_5G_130709 Medium parameters used: f = 5825 MHz; σ = 6.153 S/m; ε_r = 47.051; ρ = 1000 kg/m^3
Ambient Temperature：22.6 ℃；Liquid Temperature：21.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(4.06, 4.06, 4.06); Calibrated: 2012/9/28;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2013/1/28
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: 1173
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

Configuration/Ch165/Area Scan (51x51x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
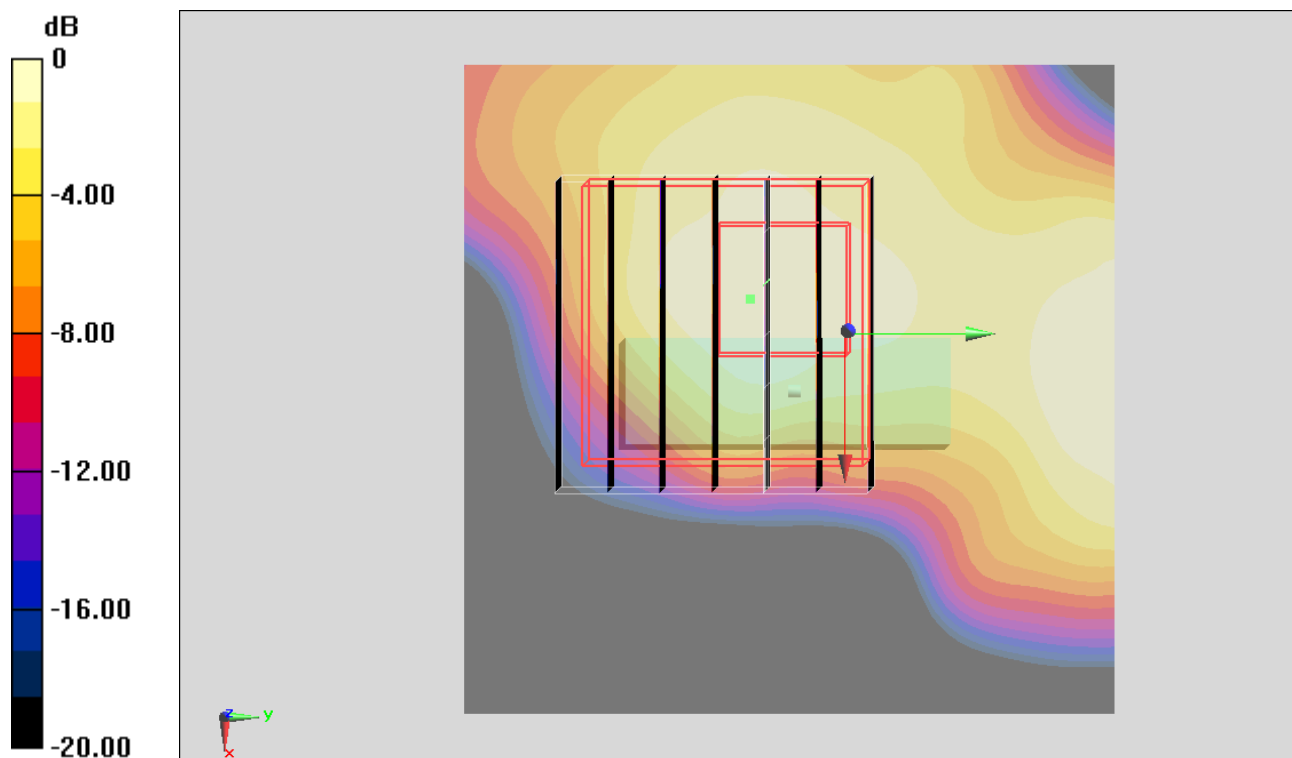Maximum value of SAR (interpolated) = 0.525 W/kg

Configuration/Ch165/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 11.556 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 0.711 W/kg
SAR(1 g) = 0.150 W/kg; SAR(10 g) = 0.041 W/kg
Maximum value of SAR (measured) = 0.432 W/kg

0 dB = 0.432 W/kg = -3.65 dBW/kg

#191_WLAN5GHz_802.11a 6Mbps_Tip Mode_0.5cm_Ch165

DUT: 350409

Communication System: 802.11a; Frequency: 5825 MHz;Duty Cycle: 1:1
Medium: MSL_5G_130709 Medium parameters used: f = 5825 MHz; σ = 6.153 S/m; ε_r = 47.051; ρ =
1000 kg/m^3
Ambient Temperature：22.6 ℃；Liquid Temperature：21.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(4.06, 4.06, 4.06); Calibrated: 2012/9/28;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2013/1/28
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: 1173
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

Configuration/Ch165/Area Scan (51x51x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
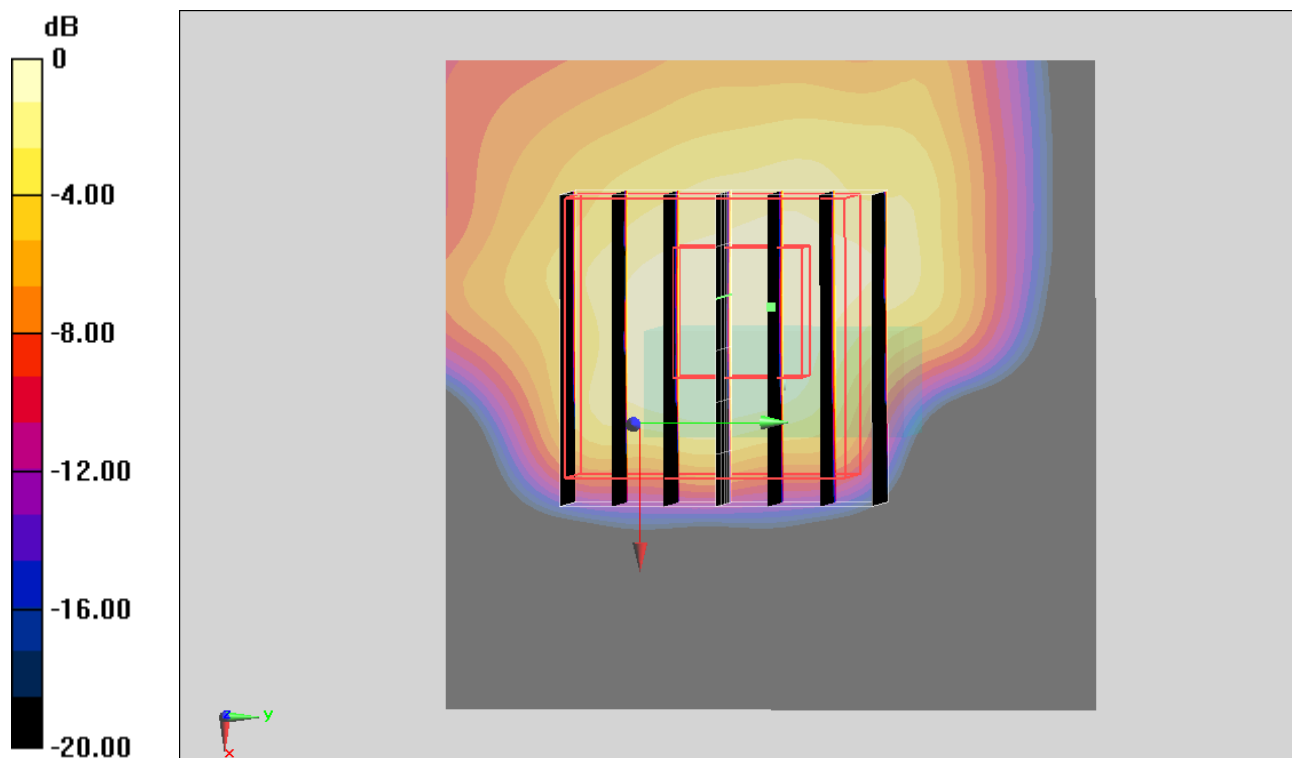Maximum value of SAR (interpolated) = 0.439 W/kg

Configuration/Ch165/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm,
dz=1.4mm
Reference Value = 9.237 V/m; Power Drift = -0.19 dB
Peak SAR (extrapolated) = 0.839 W/kg
SAR(1 g) = 0.129 W/kg; SAR(10 g) = 0.042 W/kg
Maximum value of SAR (measured) = 0.379 W/kg

0 dB = 0.379 W/kg = -4.21 dBW/kg

#192_WLAN5GHz_802.11ac-VHT80 MCS0_Horizontal Down_0.5cm_Ch155

DUT: 350409

Communication System: 802.11ac; Frequency: 5775 MHz;Duty Cycle: 1:1
Medium: MSL_5G_130709 Medium parameters used: f = 5775 MHz; σ = 6.085 S/m; ε_r = 47.252; ρ = 1000 kg/m^3
Ambient Temperature：22.6 ℃；Liquid Temperature：21.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(4.06, 4.06, 4.06); Calibrated: 2012/9/28;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2013/1/28
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: 1173
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

Configuration/Ch155/Area Scan (51x51x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
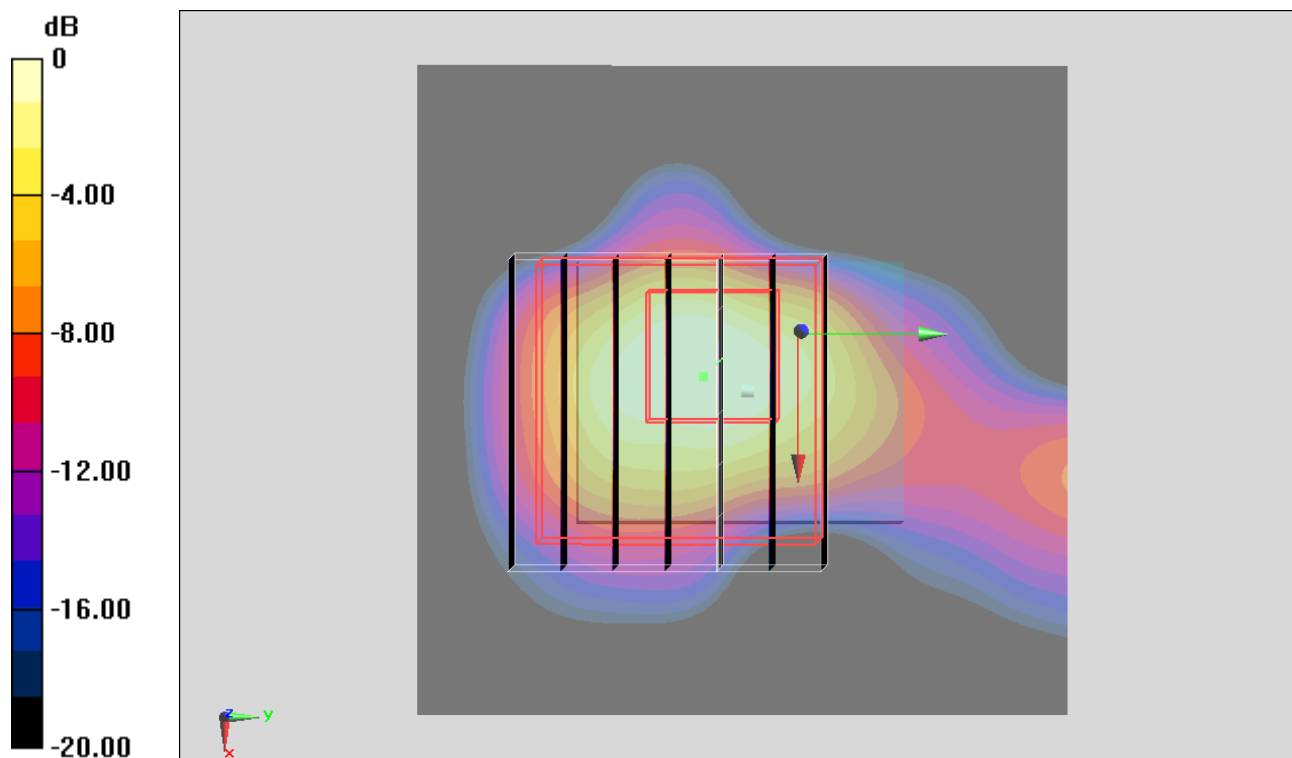Maximum value of SAR (interpolated) = 1.48 W/kg

Configuration/Ch155/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 15.648 V/m; Power Drift = -0.15 dB
Peak SAR (extrapolated) = 1.67 W/kg
SAR(1 g) = 0.355 W/kg; SAR(10 g) = 0.081 W/kg
Maximum value of SAR (measured) = 1.10 W/kg

0 dB = 1.10 W/kg = 0.41 dBW/kg