

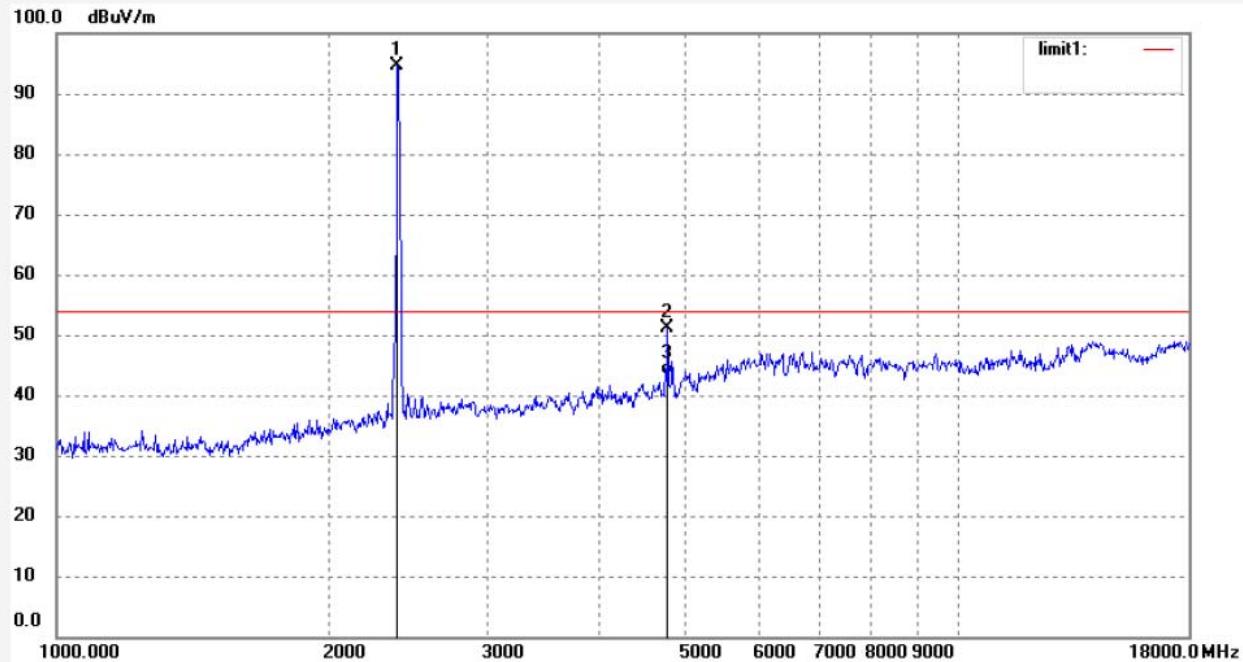
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ACCURATE TECHNOLOGY CO., LTD.

F1,Bldg,A,Changyuan New Material Port Keyuan Rd,
Science & Industry Park,Nanshan Shenzhen,P.R.ChinaSite: 1# Chamber
Tel:+86-0755-26503290
Fax:+86-0755-26503396

Job No.: STAR2017 #8	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 17/11/11/
Temp.(C)/Hum.(%) 25 C / 55 %	Time: 14/52/37
EUT: SkanFlexi	Engineer Signature: star
Mode: TX Channel 1(802.11b)	Distance: 3m
Model: QuickScan II	
Manufacturer: WUXI OPULEN TECHNOLOGY CO.,LTD	
Note: Report No.:ATE20172157	



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2412.059	100.45	-5.91	94.54			peak			
2	4824.084	47.95	3.30	51.25	74.00	-22.75	peak			
3	4824.084	40.15	3.30	43.45	54.00	-10.55	AVG	250	144	



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Job No.: STAR2017 #7

Polarization: Vertical

Standard: FCC Class B 3M Radiated

Power Source: AC 120V/60Hz

Test item: Radiation Test

Date: 17/11/11/

Temp.(C)/Hum.(%) 25 C / 55 %

Time: 14/51/11

EUT: SkanFlexi

Engineer Signature: star

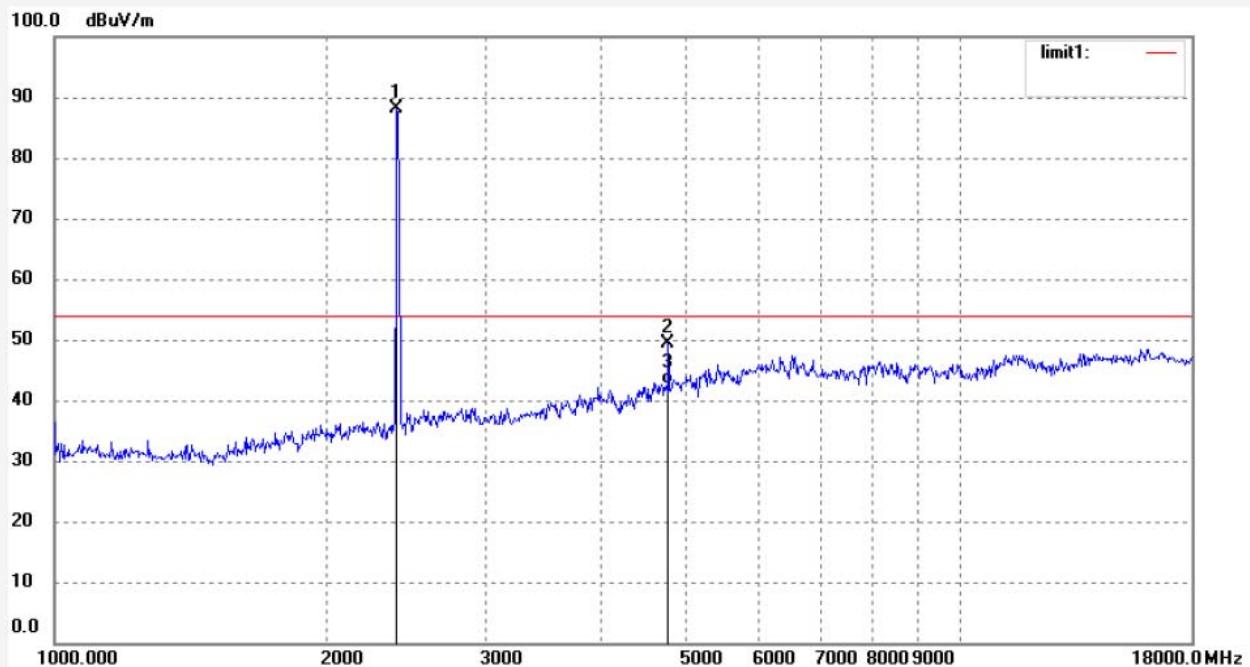
Mode: TX Channel 1(802.11b)

Distance: 3m

Model: QuickScan II

Manufacturer: WUXI OPULEN TECHNOLOGY CO.,LTD

Note: Report No.:ATE20172157



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2412.059	93.93	-5.91	88.02			peak			
2	4824.084	46.20	3.30	49.50	74.00	-24.50	peak			
3	4824.084	39.25	3.30	42.55	54.00	-11.45	AVG	150	123	



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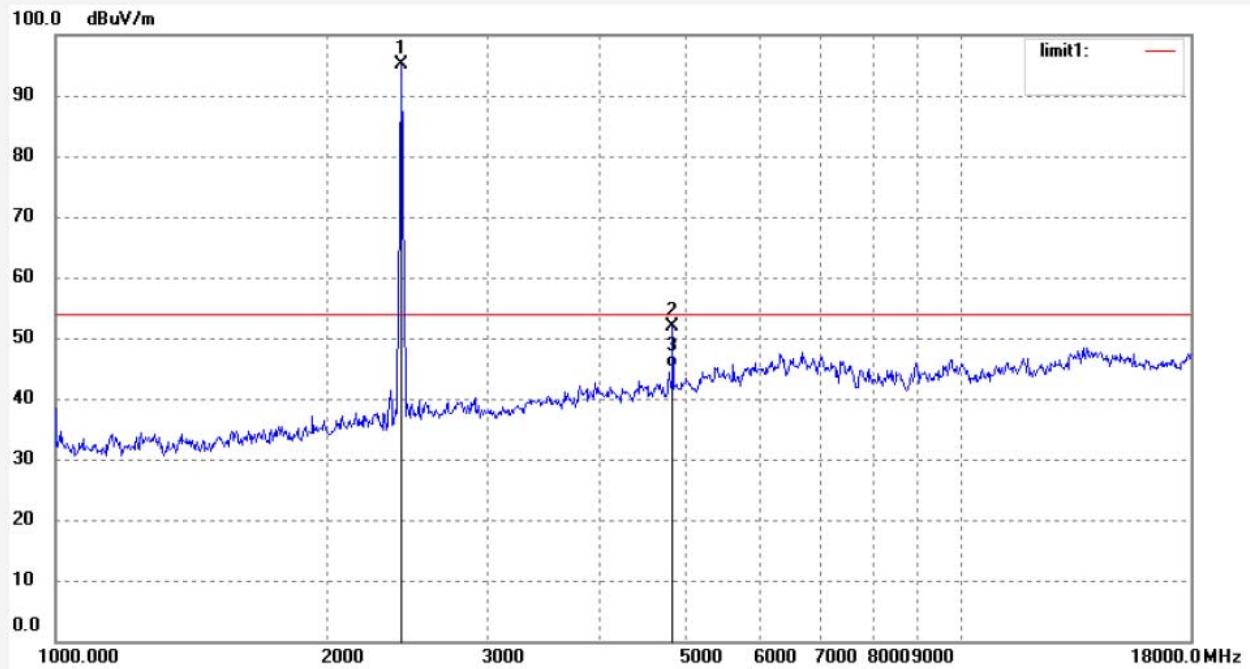
F1,Bldg,A,Changyuan New Material Port Keyuan Rd,
Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 1# Chamber

Tel:+86-0755-26503290

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Job No.:	STAR2017 #9	Polarization:	Horizontal
Standard:	FCC Class B 3M Radiated	Power Source:	AC 120V/60Hz
Test item:	Radiation Test	Date:	17/11/11/
Temp.(C)/Hum.(%)	25 C / 55 %	Time:	14/55/35
EUT:	SkanFlexi	Engineer Signature:	star
Mode:	TX Channel 6(802.11b)	Distance:	3m
Model:	QuickScan II		
Manufacturer:	WUXI OPULEN TECHNOLOGY CO.,LTD		
Note:	Report No.:ATE20172157		



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2437.100	100.96	-5.76	95.20			peak			
2	4874.024	48.32	3.67	51.99	74.00	-22.01	peak			
3	4874.024	41.45	3.67	45.12	54.00	-8.88	AVG	250	278	



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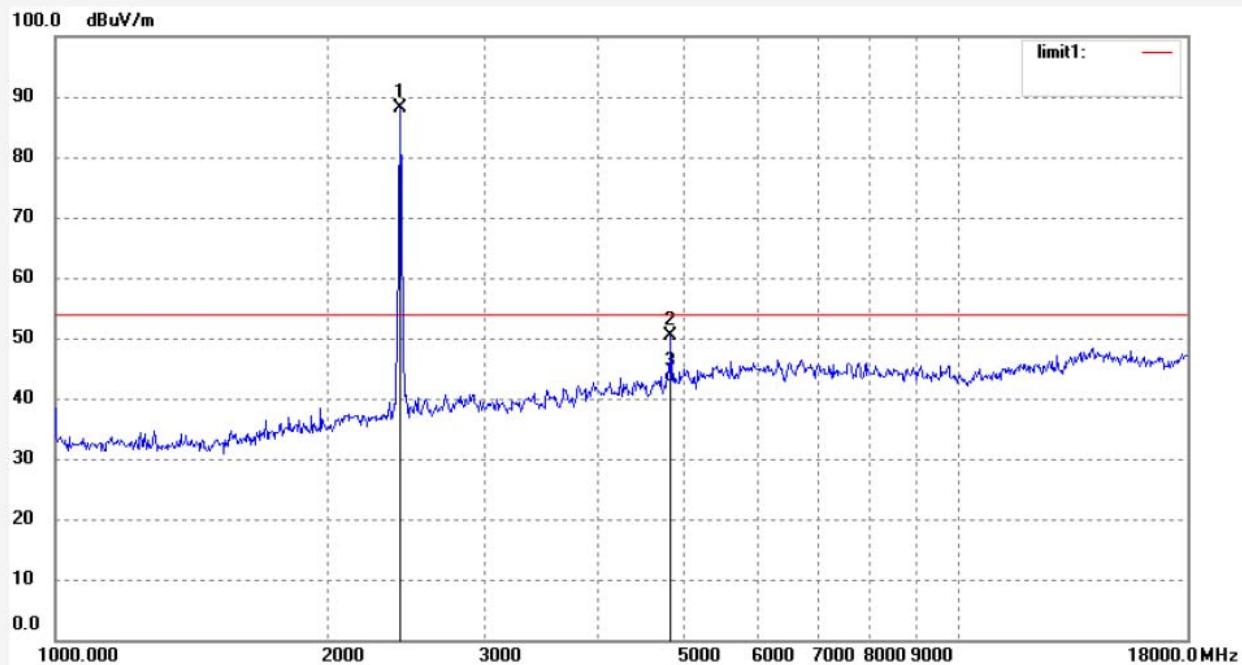
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Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 1# Chamber
Tel:+86-0755-26503290
Fax:+86-0755-26503396

Job No.: STAR2017 #10
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 25 C / 55 %
EUT: SkanFlexi
Mode: TX Channel 6(802.11b)
Model: QuickScan II
Manufacturer: WUXI OPULEN TECHNOLOGY CO.,LTD

Polarization: Vertical
Power Source: AC 120V/60Hz
Date: 17/11/11/
Time: 14:58:09
Engineer Signature: star
Distance: 3m

Note: Report No.:ATE20172157



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2437.100	93.96	-5.76	88.20			peak			
2	4874.124	46.82	3.67	50.49	74.00	-23.51	peak			
3	4874.124	38.97	3.67	42.64	54.00	-11.36	AVG	150	45	



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Job No.: STAR2017 #12

Polarization: Horizontal

Standard: FCC Class B 3M Radiated

Power Source: AC 120V/60Hz

Test item: Radiation Test

Date: 17/11/11/

Temp.(C)/Hum.(%) 25 C / 55 %

Time: 15/05/20

EUT: SkanFlexi

Engineer Signature: star

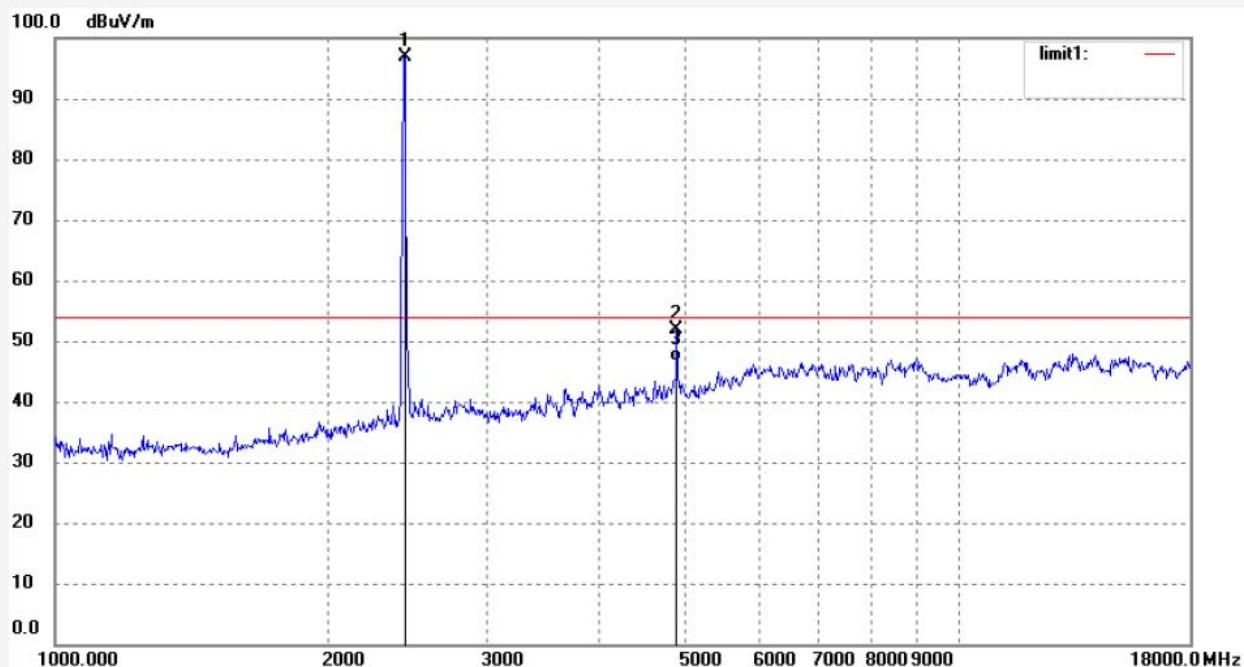
Mode: TX Channel 11(802.11b)

Distance: 3m

Model: QuickScan II

Manufacturer: WUXI OPULEN TECHNOLOGY CO.,LTD

Note: Report No.:ATE20172157



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2462.007	102.59	-5.61	96.98			peak			
2	4924.117	47.65	4.20	51.85	74.00	-22.15	peak			
3	4924.117	42.45	4.20	46.65	54.00	-7.35	AVG	150	231	



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Job No.: STAR2017 #11

Polarization: Vertical

Standard: FCC Class B 3M Radiated

Power Source: AC 120V/60Hz

Test item: Radiation Test

Date: 17/11/11/

Temp.(C)/Hum.(%) 25 C / 55 %

Time: 15/03/30

EUT: SkanFlexi

Engineer Signature: star

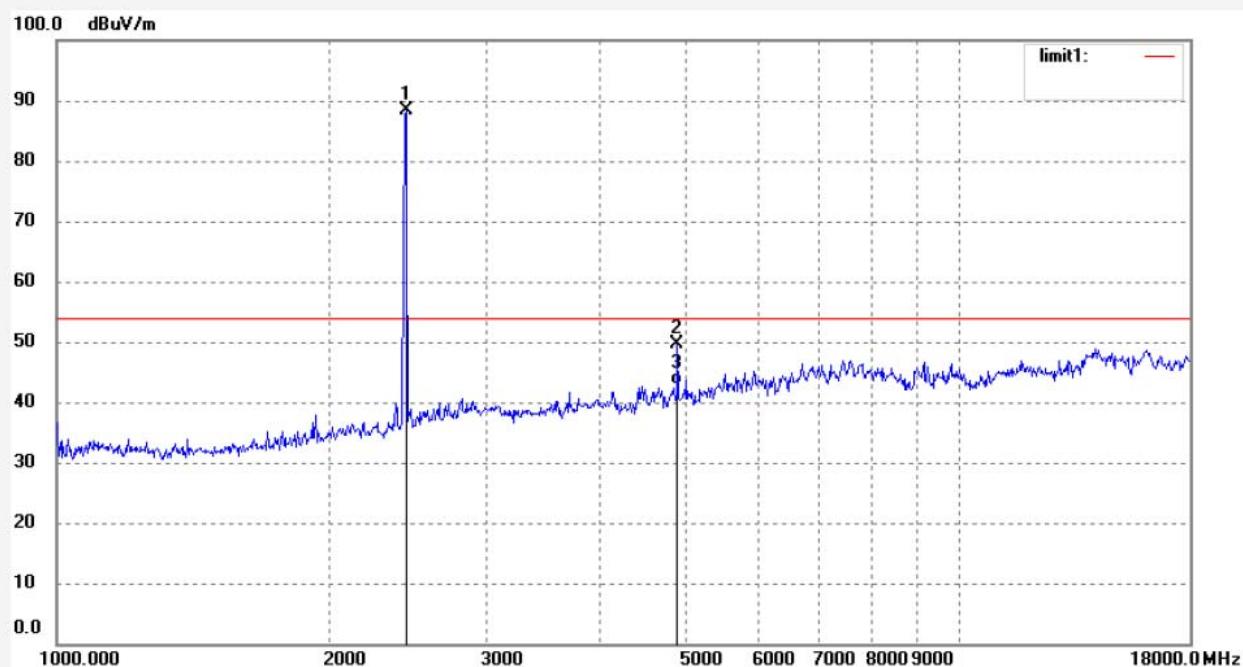
Mode: TX Channel 11(802.11b)

Distance: 3m

Model: QuickScan II

Manufacturer: WUXI OPULEN TECHNOLOGY CO.,LTD

Note: Report No.:ATE20172157



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2462.007	94.10	-5.61	88.49			peak			
2	4924.017	45.37	4.20	49.57	74.00	-24.43	peak			
3	4924.017	38.67	4.20	42.87	54.00	-11.13	AVG	150	218	

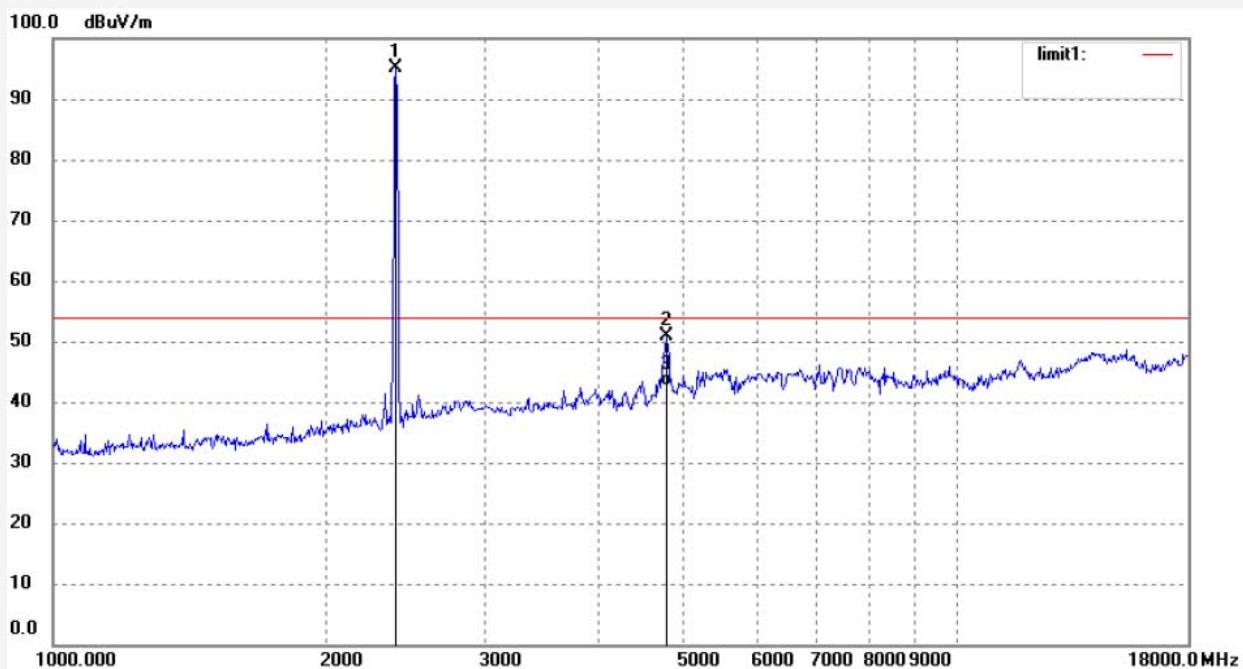


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Site: 1# Chamber
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Job No.: STAR2017 #13	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 17/11/11/
Temp.(C)/Hum.(%) 25 C / 55 %	Time: 15/10/29
EUT: SkanFlexi	Engineer Signature: star
Mode: TX Channel 1(802.11g)	Distance: 3m
Model: QuickScan II	
Manufacturer: WUXI OPULEN TECHNOLOGY CO.,LTD	
Note: Report No.:ATE20172157	



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2412.019	101.07	-5.84	95.23			peak			
2	4824.059	47.48	3.37	50.85	74.00	-23.15	peak			
3	4824.059	39.24	3.37	42.61	54.00	-11.39	AVG	250	257	



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Job No.: STAR2017 #14

Polarization: Vertical

Standard: FCC Class B 3M Radiated

Power Source: AC 120V/60Hz

Test item: Radiation Test

Date: 17/11/11/

Temp.(C)/Hum.(%) 25 C / 55 %

Time: 15/13/56

EUT: SkanFlexi

Engineer Signature: star

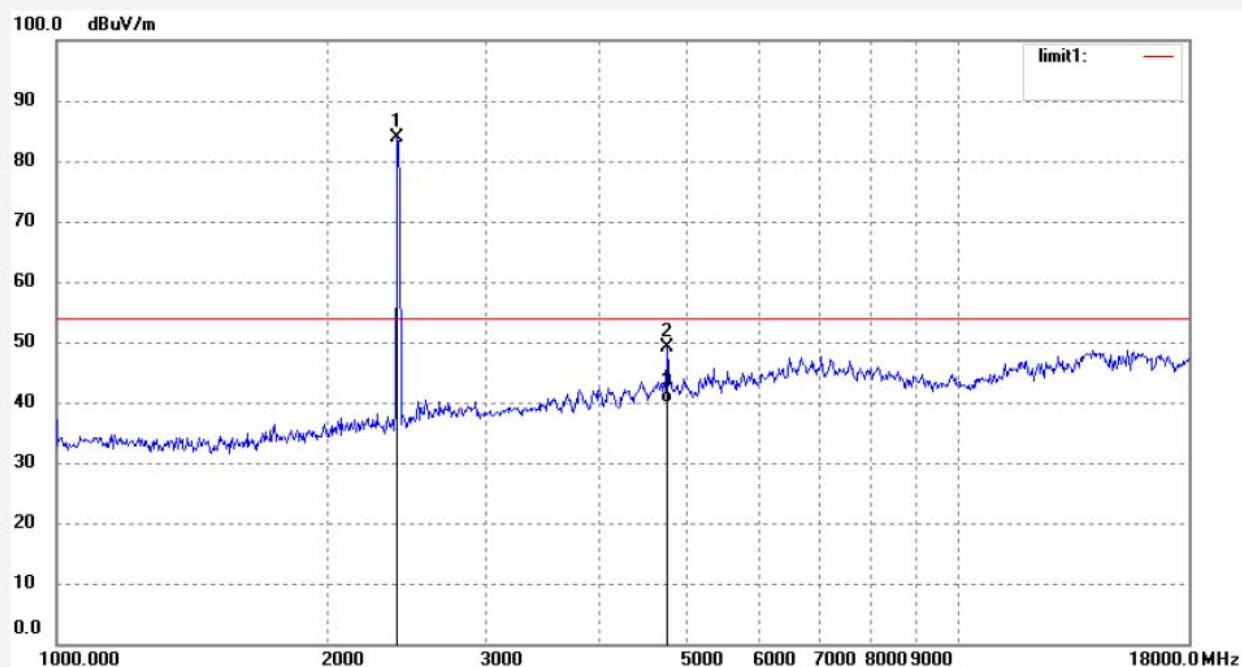
Mode: TX Channel 1(802.11g)

Distance: 3m

Model: QuickScan II

Manufacturer: WUXI OPULEN TECHNOLOGY CO.,LTD

Note: Report No.:ATE20172157



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2412.059	89.71	-5.91	83.80			peak			
2	4824.051	45.97	3.23	49.20	74.00	-24.80	peak			
3	4824.051	36.70	3.23	39.93	54.00	-14.07	AVG	250	132	



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Job No.: STAR2017 #16

Polarization: Horizontal

Standard: FCC Class B 3M Radiated

Power Source: AC 120V/60Hz

Test item: Radiation Test

Date: 17/11/11/

Temp.(C)/Hum.(%) 25 C / 55 %

Time: 15/19/21

EUT: SkanFlexi

Engineer Signature: star

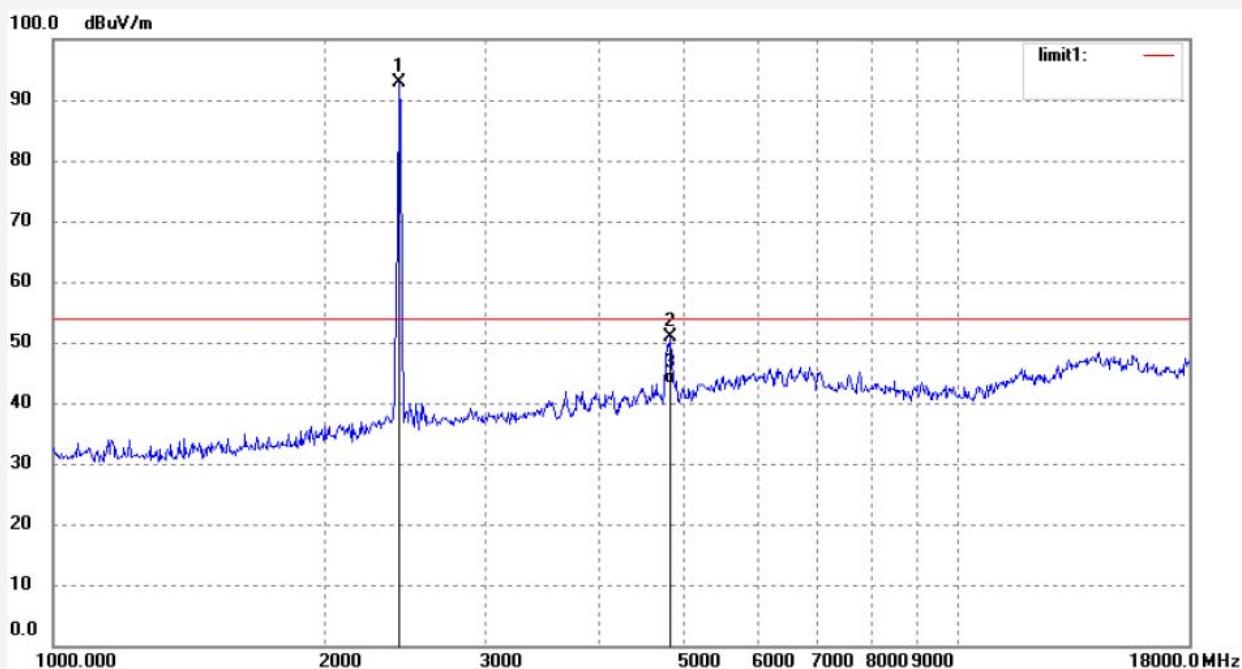
Mode: TX Channel 6(802.11g)

Distance: 3m

Model: QuickScan II

Manufacturer: WUXI OPULEN TECHNOLOGY CO.,LTD

Note: Report No.:ATE20172157



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2437.600	98.56	-5.76	92.80			peak			
2	4874.324	47.17	3.67	50.84	74.00	-23.16	peak			
3	4874.324	39.40	3.67	43.07	54.00	-10.93	AVG	250	117	

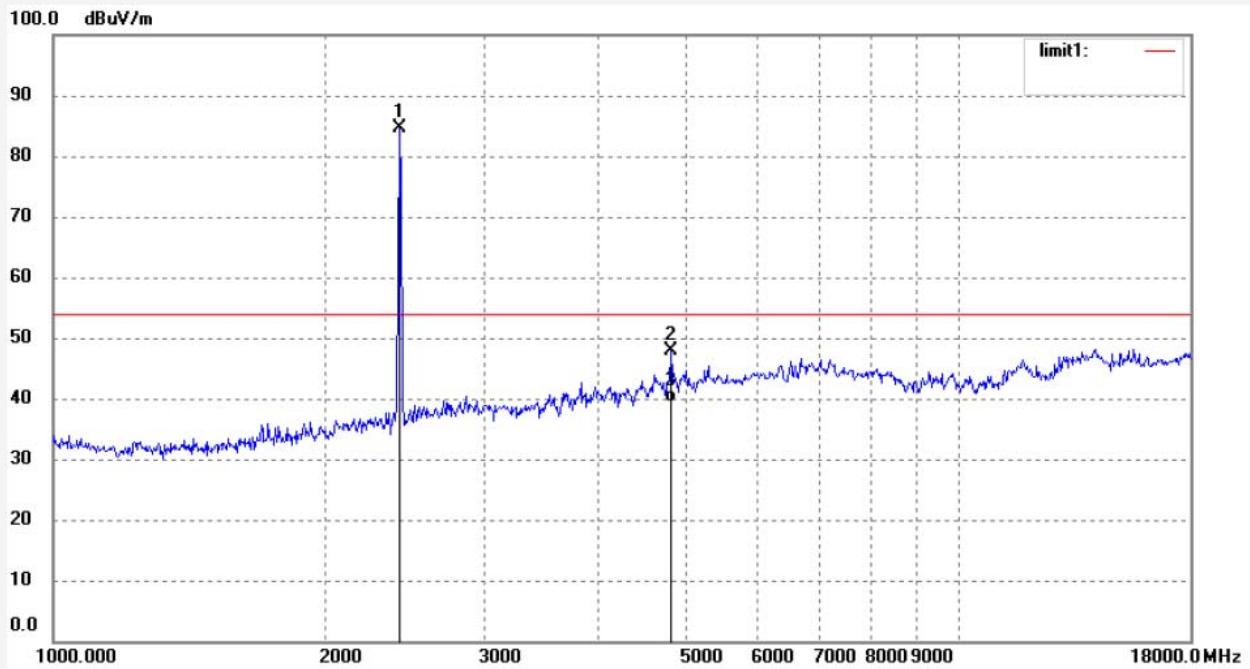


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Site: 1# Chamber
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Fax:+86-0755-26503396

Job No.:	STAR2017 #15	Polarization:	Vertical
Standard:	FCC Class B 3M Radiated	Power Source:	AC 120V/60Hz
Test item:	Radiation Test	Date:	17/11/11/
Temp.(C)/Hum.(%)	25 C / 55 %	Time:	15/15/34
EUT:	SkanFlexi	Engineer Signature:	star
Mode:	TX Channel 6(802.11g)	Distance:	3m
Model:	QuickScan II		
Manufacturer:	WUXI OPULEN TECHNOLOGY CO.,LTD		
Note:	Report No.:ATE20172157		



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2437.600	90.37	-5.76	84.61			peak			
2	4874.324	44.27	3.67	47.94	74.00	-26.06	peak			
3	4874.324	35.64	3.67	39.31	54.00	-14.69	AVG	250	137	

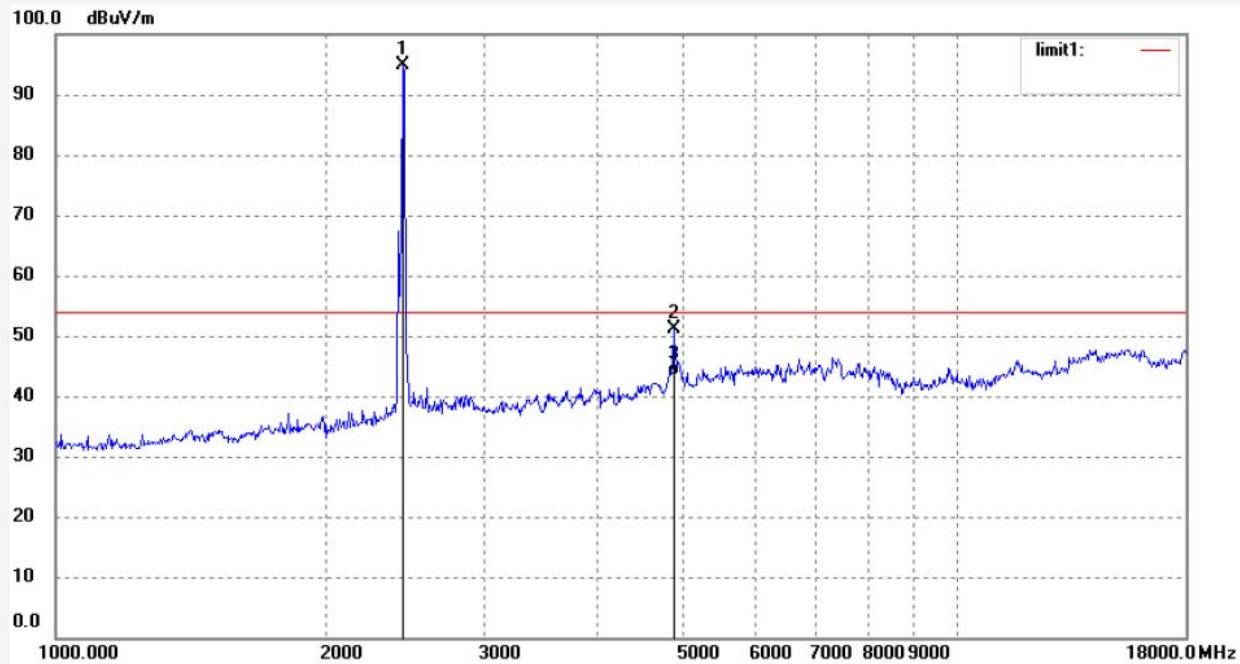


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Site: 1# Chamber
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Job No.:	STAR2017 #17	Polarization:	Horizontal
Standard:	FCC Class B 3M Radiated	Power Source:	AC 120V/60Hz
Test item:	Radiation Test	Date:	17/11/11/
Temp.(C)/Hum.(%)	25 C / 55 %	Time:	15/21/32
EUT:	SkanFlexi	Engineer Signature:	star
Mode:	TX Channel 11(802.11g)	Distance:	3m
Model:	QuickScan II		
Manufacturer:	WUXI OPULEN TECHNOLOGY CO.,LTD		
Note:	Report No.:ATE20172157		



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2462.024	100.61	-5.65	94.96			peak			
2	4924.057	47.00	4.06	51.06	74.00	-22.94	peak			
3	4924.057	39.24	4.06	43.30	54.00	-10.70	AVG	150	287	



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Site: 1# Chamber
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Job No.: STAR2017 #18

Polarization: Vertical

Standard: FCC Class B 3M Radiated

Power Source: AC 120V/60Hz

Test item: Radiation Test

Date: 17/11/11/

Temp.(C)/Hum.(%) 25 C / 55 %

Time: 15/23/49

EUT: SkanFlexi

Engineer Signature: star

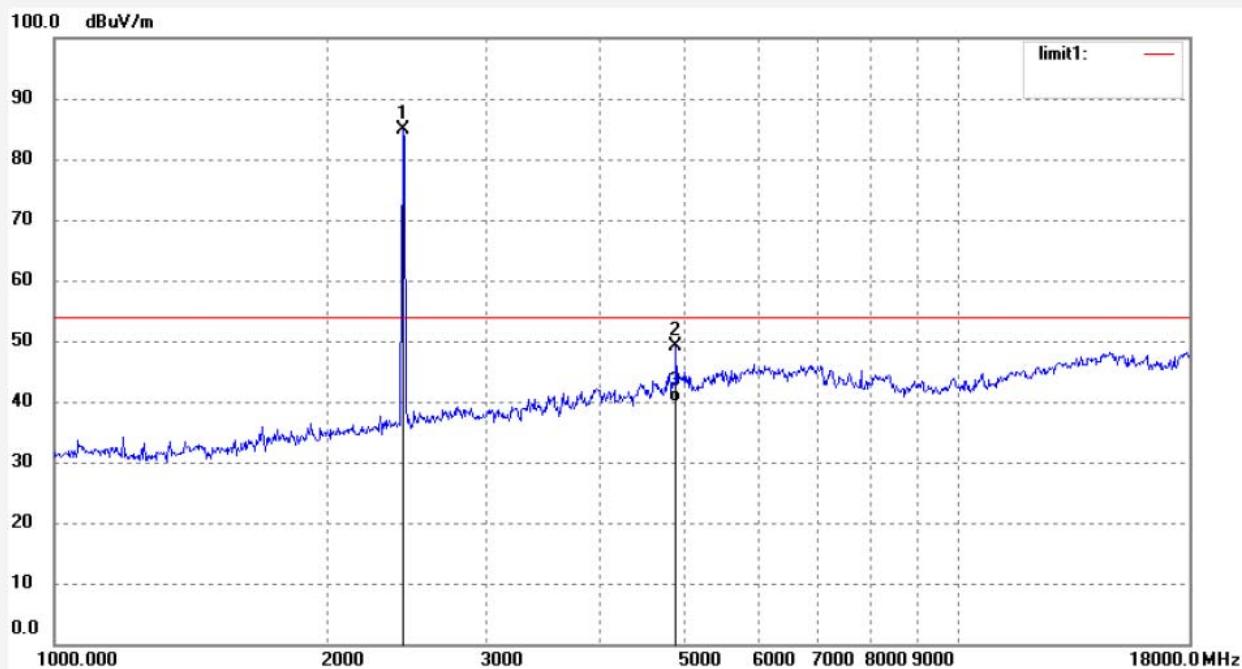
Mode: TX Channel 11(802.11g)

Distance: 3m

Model: QuickScan II

Manufacturer: WUXI OPULEN TECHNOLOGY CO.,LTD

Note: Report No.:ATE20172157



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2462.024	90.47	-5.65	84.82			peak			
2	4924.117	44.87	4.20	49.07	74.00	-24.93	peak			
3	4924.117	35.62	4.20	39.82	54.00	-14.18	AVG	150	278	



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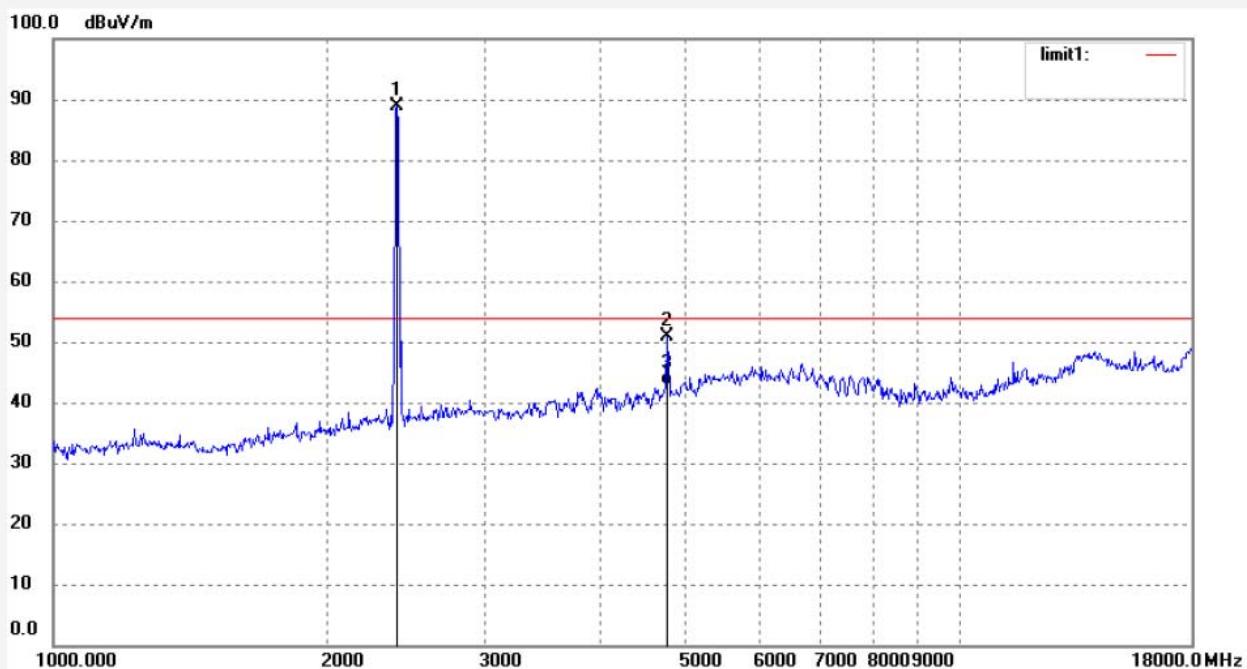
Site: 1# Chamber
Tel:+86-0755-26503290
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Job No.: STAR2017 #20
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 25 C / 55 %
EUT: SkanFlexi
Mode: TX Channel 1(802.11n)
Model: QuickScan II

Polarization: Horizontal
Power Source: AC 120V/60Hz
Date: 17/11/11/
Time: 15/28/37
Engineer Signature: star
Distance: 3m

Manufacturer: WUXI OPULEN TECHNOLOGY CO.,LTD

Note: Report No.:ATE20172157



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2412.019	94.76	-5.84	88.92			peak			
2	4824.084	47.62	3.30	50.92	74.00	-23.08	peak			
3	4824.084	39.64	3.30	42.94	54.00	-11.06	AVG	300	121	

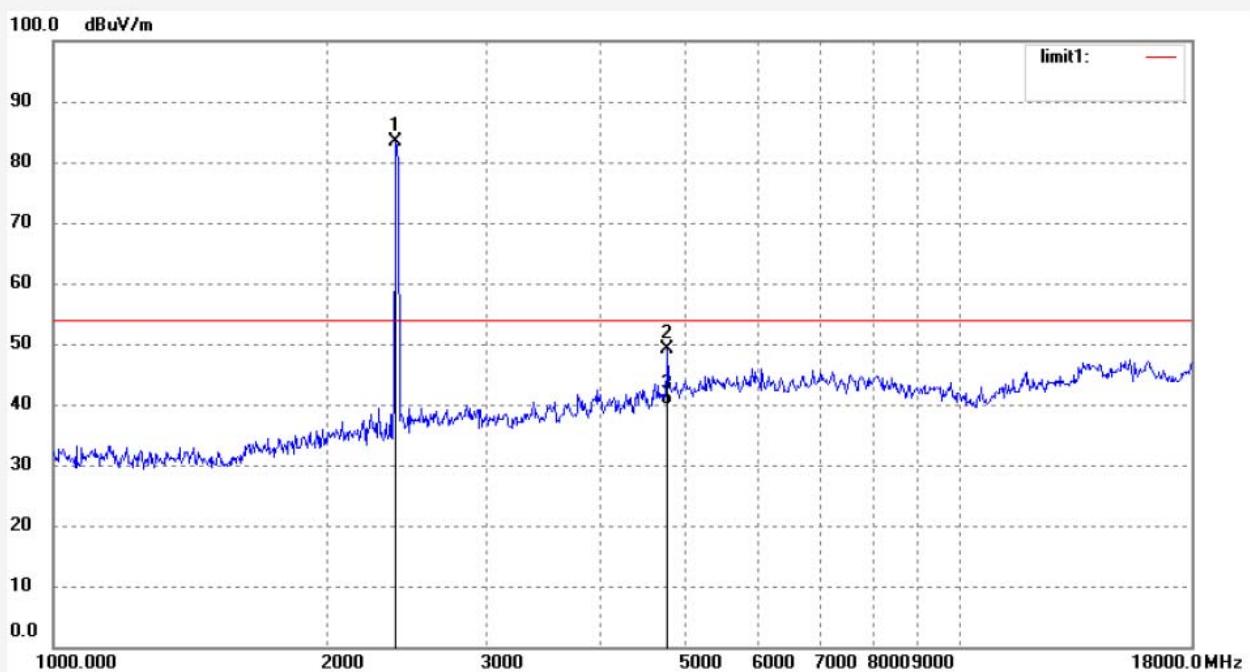


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Site: 1# Chamber
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Job No.: STAR2017 #19	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 17/11/11/
Temp.(C)/Hum.(%) 25 C / 55 %	Time: 15/27/24
EUT: SkanFlexi	Engineer Signature: star
Mode: TX Channel 1(802.11n)	Distance: 3m
Model: QuickScan II	
Manufacturer: WUXI OPULEN TECHNOLOGY CO.,LTD	
Note: Report No.:ATE20172157	



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2412.059	89.41	-5.91	83.50			peak			
2	4824.084	45.82	3.30	49.12	74.00	-24.88	peak			
3	4824.084	36.57	3.30	39.87	54.00	-14.13	AVG	250	127	



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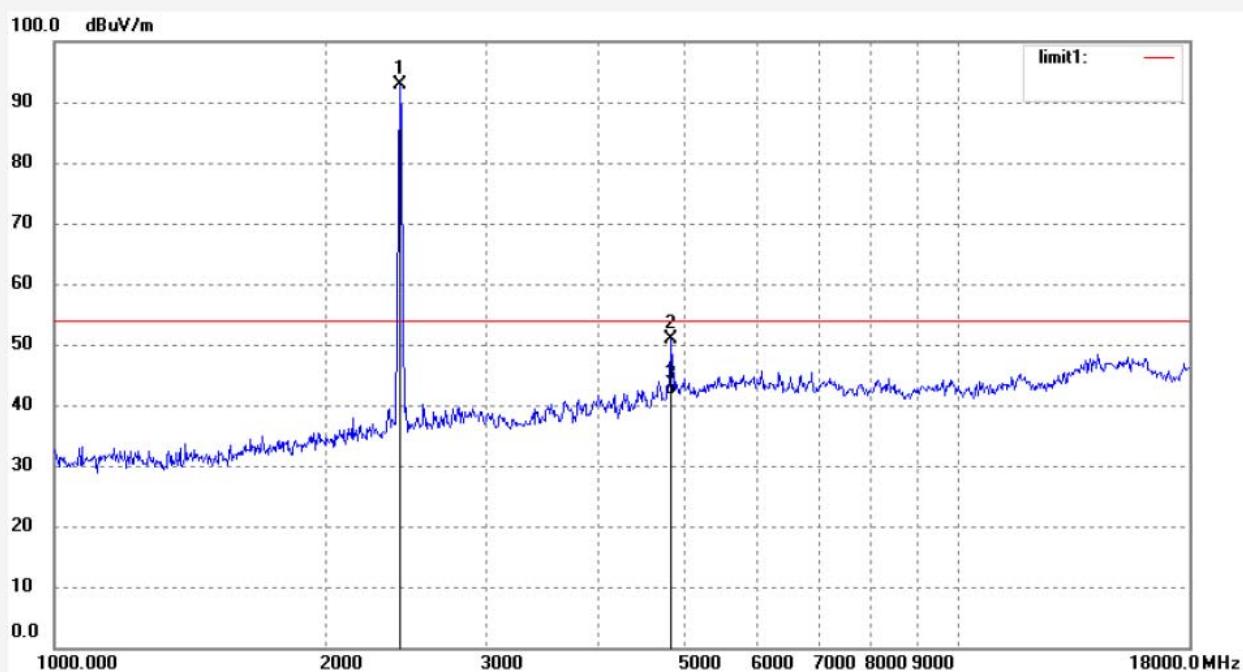
Site: 1# Chamber
Tel:+86-0755-26503290
Fax:+86-0755-26503396

Job No.: STAR2017 #21
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 25 C / 55 %
EUT: SkanFlexi
Mode: TX Channel 6(802.11n)
Model: QuickScan II

Polarization: Horizontal
Power Source: AC 120V/60Hz
Date: 17/11/11/
Time: 15/30/28
Engineer Signature: star
Distance: 3m

Manufacturer: WUXI OPULEN TECHNOLOGY CO.,LTD

Note: Report No.:ATE20172157



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2437.200	98.71	-5.76	92.95			peak			
2	4874.328	47.36	3.53	50.89	74.00	-23.11	peak			
3	4874.328	38.22	3.53	41.75	54.00	-12.25	AVG	250	112	



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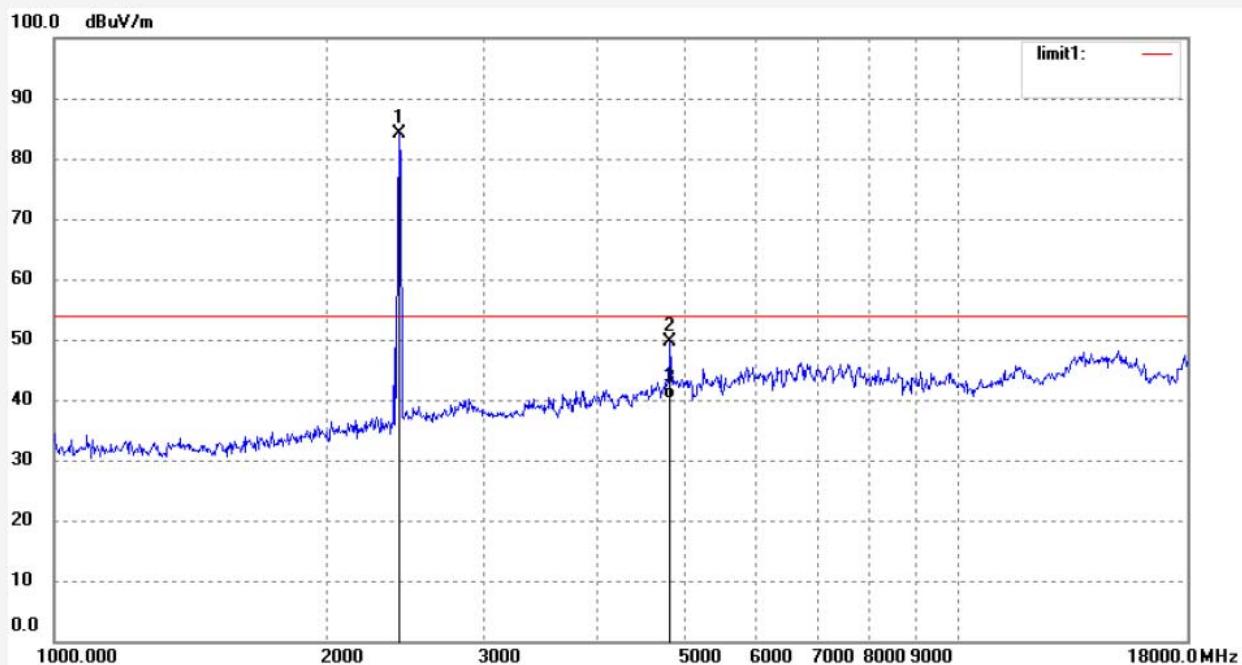
Site: 1# Chamber
Tel:+86-0755-26503290
Fax:+86-0755-26503396

Job No.: STAR2017 #22
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 25 C / 55 %
EUT: SkanFlexi
Mode: TX Channel 6(802.11n)
Model: QuickScan II

Polarization: Vertical
Power Source: AC 120V/60Hz
Date: 17/11/11/
Time: 15/32/50
Engineer Signature: star
Distance: 3m

Manufacturer: WUXI OPULEN TECHNOLOGY CO.,LTD

Note: Report No.:ATE20172157



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2437.100	89.87	-5.76	84.11			peak			
2	4874.324	45.84	3.67	49.51	74.00	-24.49	peak			
3	4874.324	36.40	3.67	40.07	54.00	-13.93	AVG	150	257	



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Site: 1# Chamber

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Job No.: STAR2017 #24

Polarization: Horizontal

Standard: FCC Class B 3M Radiated

Power Source: AC 120V/60Hz

Test item: Radiation Test

Date: 17/11/11/

Temp.(C)/Hum.(%) 25 C / 55 %

Time: 15/36/42

EUT: SkanFlexi

Engineer Signature: star

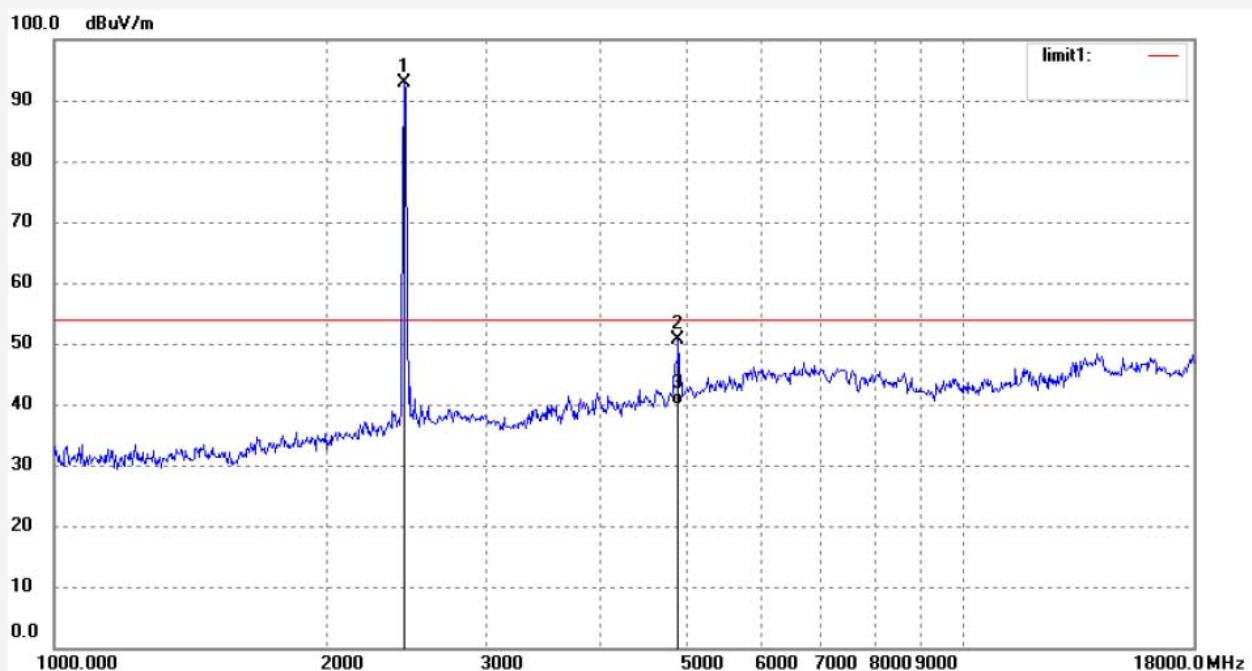
Mode: TX Channel 11(802.11n)

Distance: 3m

Model: QuickScan II

Manufacturer: WUXI OPULEN TECHNOLOGY CO.,LTD

Note: Report No.:ATE20172157



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2462.024	98.49	-5.65	92.84			peak			
2	4924.017	46.49	4.20	50.69	74.00	-23.31	peak			
3	4924.017	35.67	4.20	39.87	54.00	-14.13	AVG	300	212	

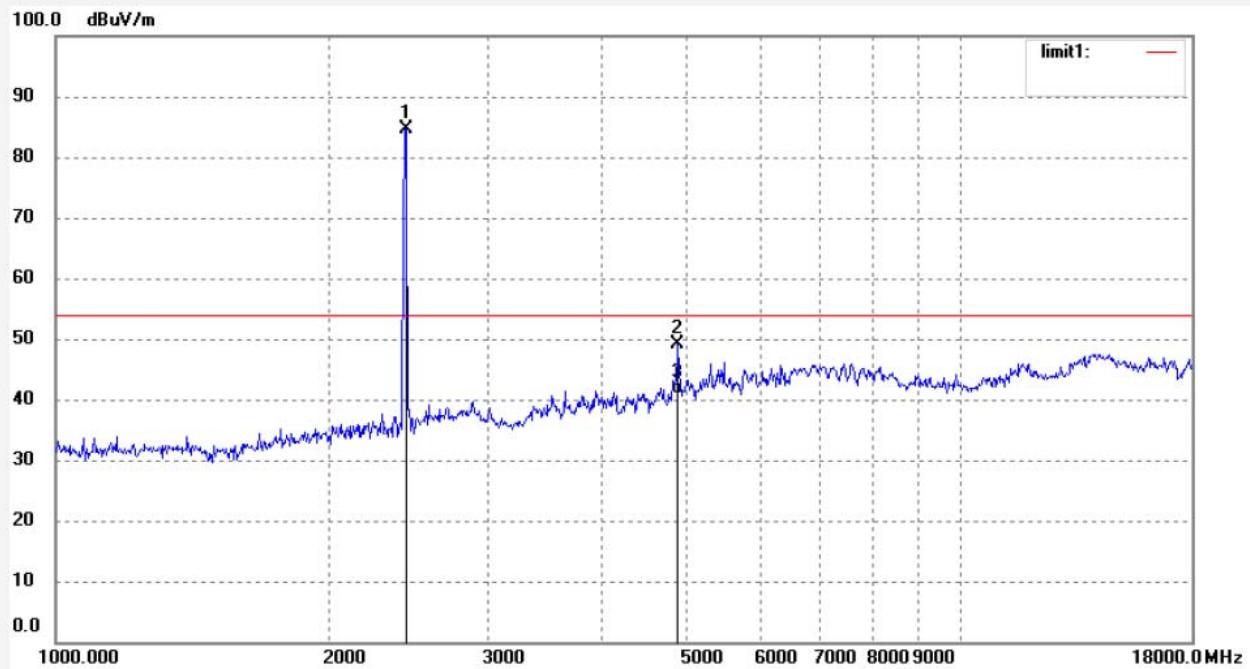


ACCURATE TECHNOLOGY CO., LTD.

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Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 1# Chamber
Tel:+86-0755-26503290
Fax:+86-0755-26503396

Job No.:	STAR2017 #23	Polarization:	Vertical
Standard:	FCC Class B 3M Radiated	Power Source:	AC 120V/60Hz
Test item:	Radiation Test	Date:	17/11/11/
Temp.(C)/Hum.(%)	25 C / 55 %	Time:	15/34/29
EUT:	SkanFlexi	Engineer Signature:	star
Mode:	TX Channel 11(802.11n)	Distance:	3m
Model:	QuickScan II		
Manufacturer:	WUXI OPULEN TECHNOLOGY CO.,LTD		
Note:	Report No.:ATE20172157		



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2462.107	90.32	-5.61	84.71			peak			
2	4924.017	44.82	4.20	49.02	74.00	-24.98	peak			
3	4924.017	36.70	4.20	40.90	54.00	-13.10	AVG	150	122	



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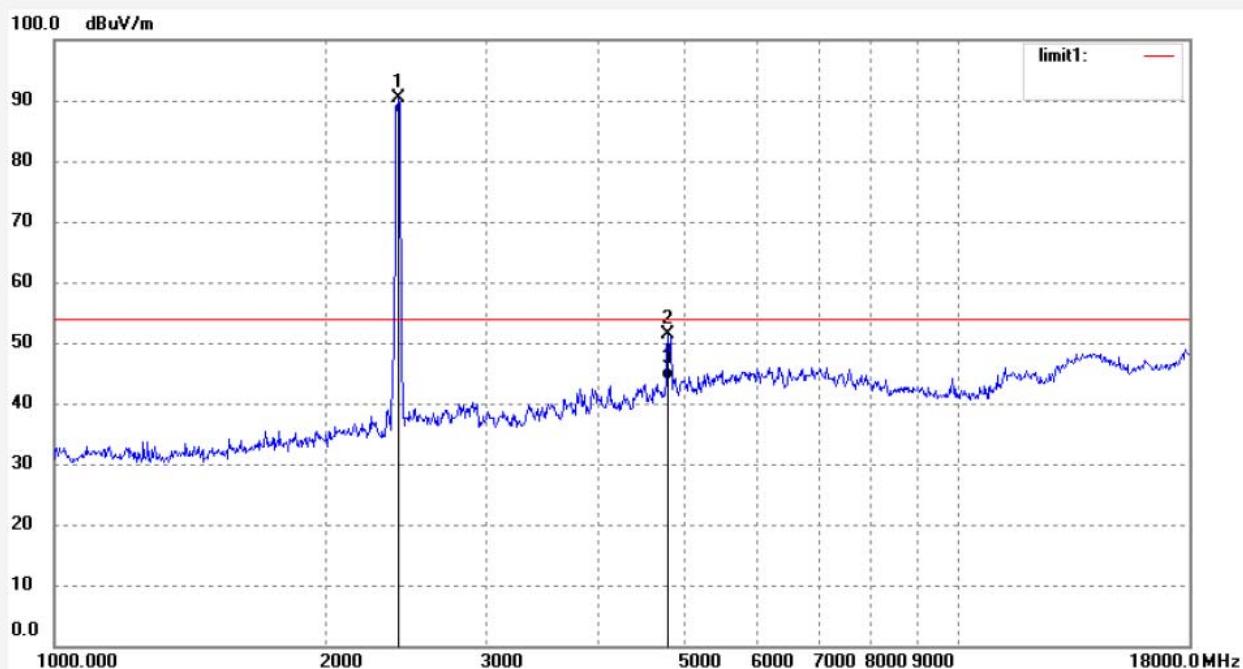
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Site: 1# Chamber
Tel:+86-0755-26503290
Fax:+86-0755-26503396

Job No.: STAR2017 #26
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 25 C / 55 %
EUT: SkanFlexi
Mode: TX Channel 3(802.11n)40MHz
Model: QuickScan II
Manufacturer: WUXI OPULEN TECHNOLOGY CO.,LTD

Polarization: Horizontal
Power Source: AC 120V/60Hz
Date: 17/11/11/
Time: 15:42:17
Engineer Signature: star
Distance: 3m

Note: Report No.:ATE20172157



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2422.099	96.27	-5.80	90.47			peak			
2	4844.459	48.05	3.37	51.42	74.00	-22.58	peak			
3	4844.459	40.40	3.37	43.77	54.00	-10.23	AVG	250	123	

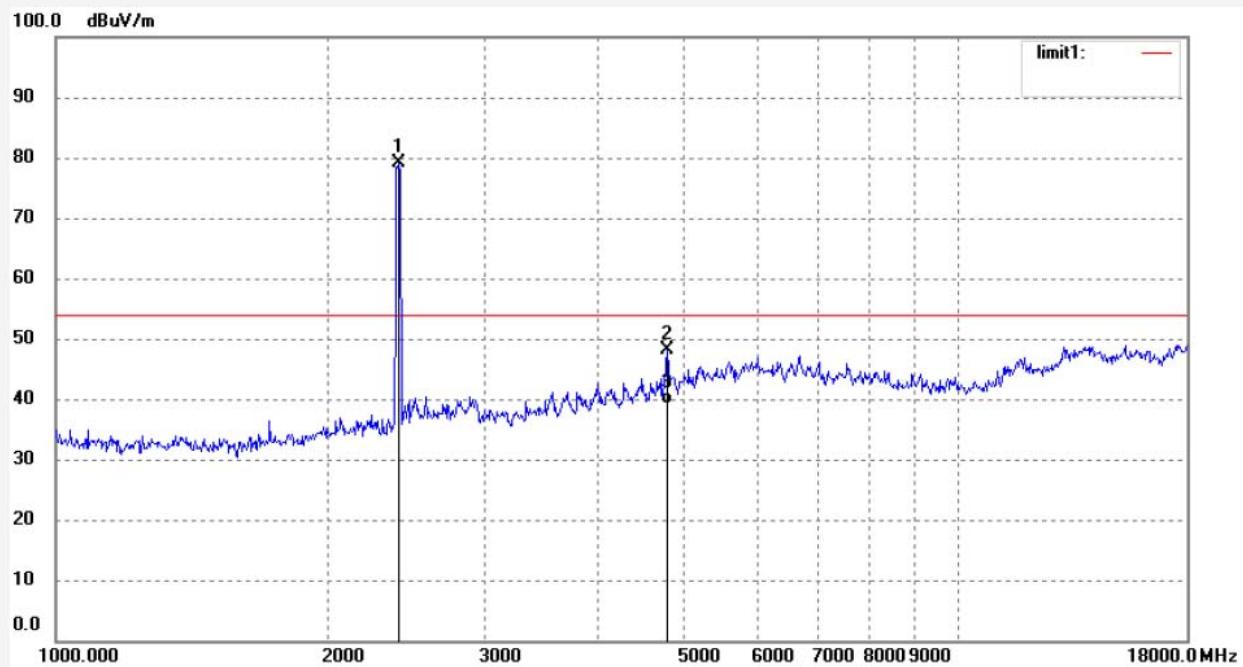


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Site: 1# Chamber
Tel:+86-0755-26503290
Fax:+86-0755-26503396

Job No.:	STAR2017 #25	Polarization:	Vertical
Standard:	FCC Class B 3M Radiated	Power Source:	AC 120V/60Hz
Test item:	Radiation Test	Date:	17/11/11/
Temp.(C)/Hum.(%)	25 C / 55 %	Time:	15/41/04
EUT:	SkanFlexi	Engineer Signature:	star
Mode:	TX Channel 3(802.11n)40MHz	Distance:	3m
Model:	QuickScan II		
Manufacturer:	WUXI OPULEN TECHNOLOGY CO.,LTD		
Note:	Report No.:ATE20172157		



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2422.099	84.82	-5.80	79.02			peak			
2	4844.459	44.67	3.37	48.04	74.00	-25.96	peak			
3	4844.459	35.67	3.37	39.04	54.00	-14.96	AVG	150	212	

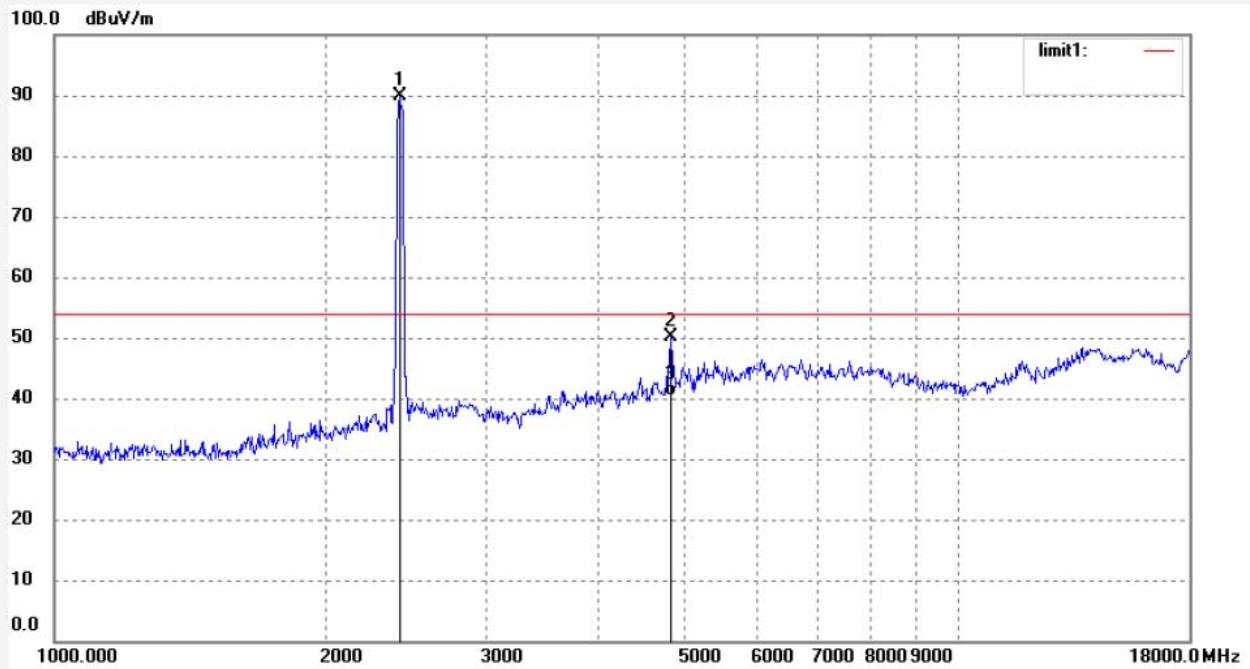


ACCURATE TECHNOLOGY CO., LTD.

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Site: 1# Chamber
Tel:+86-0755-26503290
Fax:+86-0755-26503396

Job No.:	STAR2017 #27	Polarization:	Horizontal
Standard:	FCC Class B 3M Radiated	Power Source:	AC 120V/60Hz
Test item:	Radiation Test	Date:	17/11/11/
Temp.(C)/Hum.(%)	25 C / 55 %	Time:	15/44/16
EUT:	SkanFlexi	Engineer Signature:	star
Mode:	TX Channel 6(802.11n)40MHz	Distance:	3m
Model:	QuickScan II		
Manufacturer:	WUXI OPULEN TECHNOLOGY CO.,LTD		
Note:	Report No.:ATE20172157		



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2437.010	95.67	-5.76	89.91			peak			
2	4874.124	46.56	3.67	50.23	74.00	-23.77	peak			
3	4874.124	36.70	3.67	40.37	54.00	-13.63	AVG	250	122	

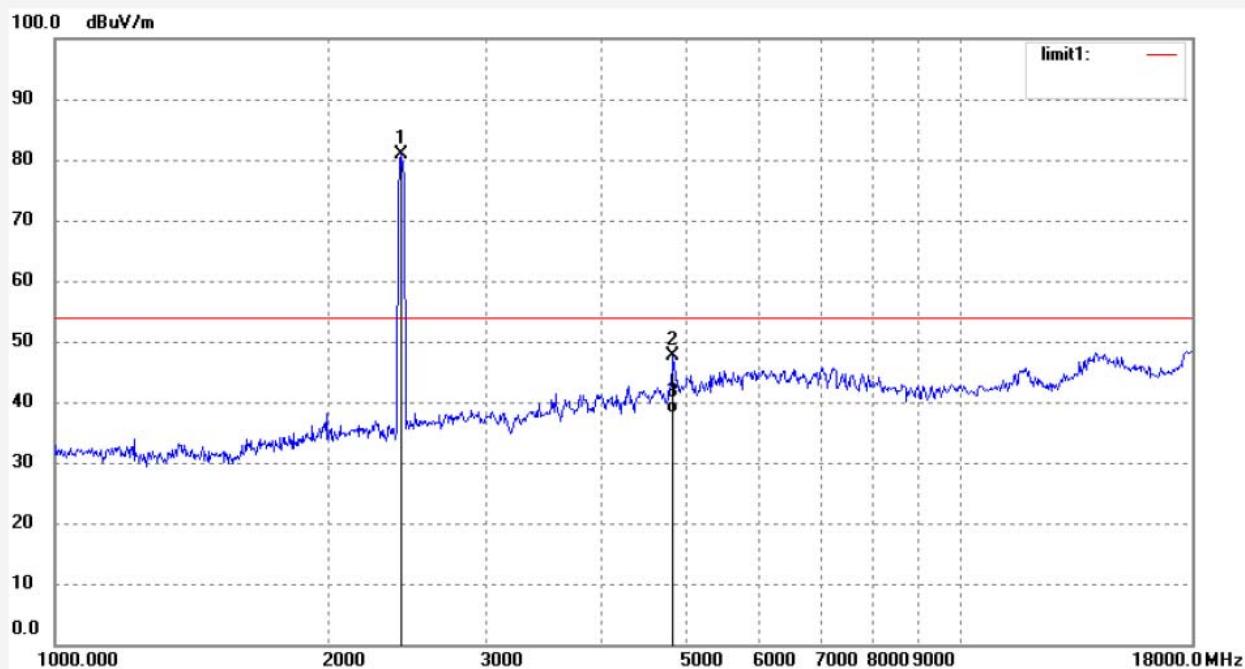


ACCURATE TECHNOLOGY CO., LTD.

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Site: 1# Chamber
Tel:+86-0755-26503290
Fax:+86-0755-26503396

Job No.: STAR2017 #28	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 17/11/11/
Temp.(C)/Hum.(%) 25 C / 55 %	Time: 15/46/05
EUT: SkanFlexi	Engineer Signature: star
Mode: TX Channel 6(802.11n)40MHz	Distance: 3m
Model: QuickScan II	
Manufacturer: WUXI OPULEN TECHNOLOGY CO.,LTD	
Note: Report No.:ATE20172157	



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2437.021	86.53	-5.72	80.81			peak			
2	4874.324	43.88	3.67	47.55	74.00	-26.45	peak			
3	4874.324	34.52	3.67	38.19	54.00	-15.81	AVG	250	231	

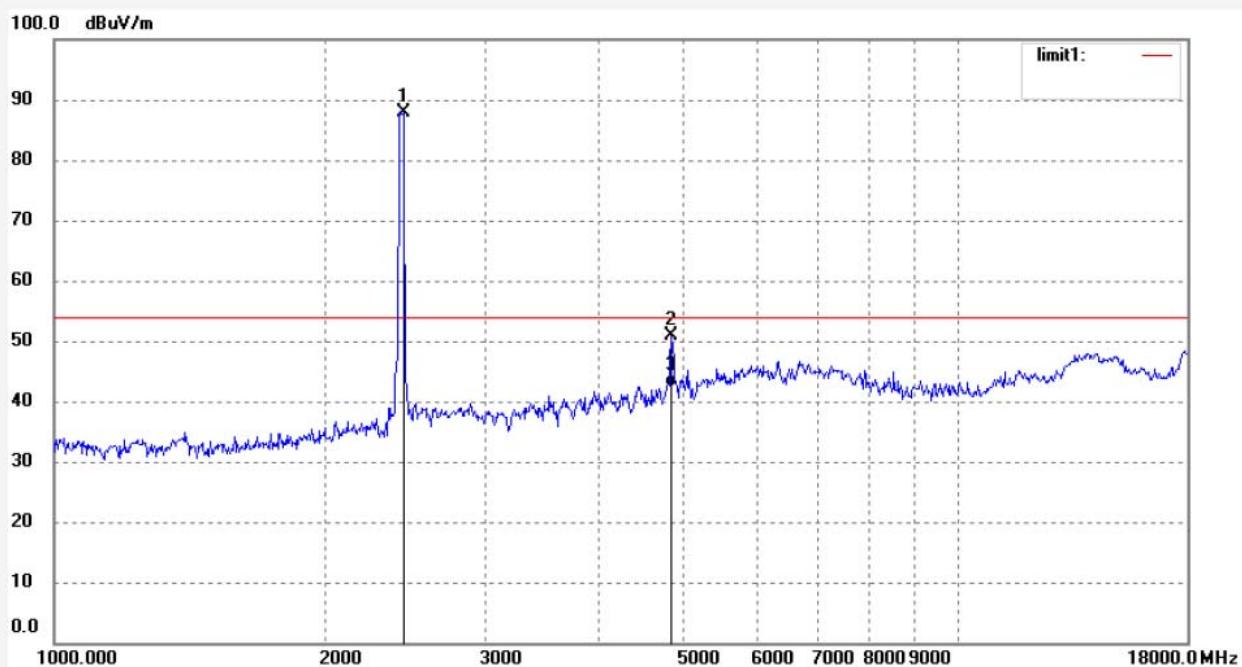


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Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 1# Chamber
Tel:+86-0755-26503290
Fax:+86-0755-26503396

Job No.: STAR2017 #30	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 17/11/11/
Temp.(C)/Hum.(%) 25 C / 55 %	Time: 15/49/26
EUT: SkanFlexi	Engineer Signature: star
Mode: TX Channel 9(802.11n)40MHz	Distance: 3m
Model: QuickScan II	
Manufacturer: WUXI OPULEN TECHNOLOGY CO.,LTD	
Note: Report No.:ATE20172157	



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2452.007	93.48	-5.61	87.87			peak			
2	4904.161	47.01	3.80	50.81	74.00	-23.19	peak			
3	4904.161	38.62	3.80	42.42	54.00	-11.58	AVG	250	48	

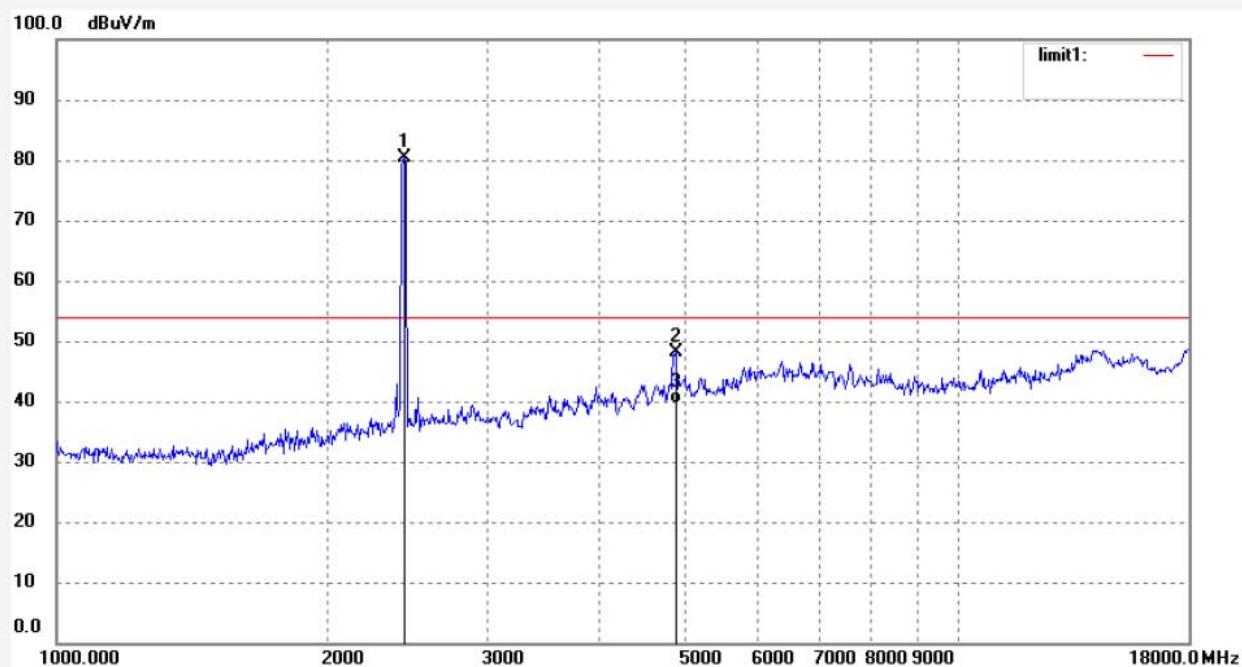


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Site: 1# Chamber
Tel:+86-0755-26503290
Fax:+86-0755-26503396

Job No.:	STAR2017 #29	Polarization:	Vertical
Standard:	FCC Class B 3M Radiated	Power Source:	AC 120V/60Hz
Test item:	Radiation Test	Date:	17/11/11/
Temp.(C)/Hum.(%)	25 C / 55 %	Time:	15:47:55
EUT:	SkanFlexi	Engineer Signature:	star
Mode:	TX Channel 9(802.11n)40MHz	Distance:	3m
Model:	QuickScan II	Manufacturer: WUXI OPULEN TECHNOLOGY CO.,LTD	
Note: Report No.:ATE20172157			



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2452.024	86.01	-5.65	80.36			peak			
2	4904.057	44.14	4.06	48.20	74.00	-25.80	peak			
3	4904.057	35.67	4.06	39.73	54.00	-14.27	AVG	150	212	

12.99% OCCUPIED BANDWIDTH

12.1. Block Diagram of Test Setup



12.2. EUT Configuration on Measurement

The following equipment is installed on the emission measurement to meet the commission requirements and operating regulations in a manner which tends to maximize its emission characteristics in normal application.

12.3. Operating Condition of EUT

12.3.1. Setup the EUT and simulator as shown as Section 12.1.

12.3.2. Turn on the power of all equipment.

12.3.3. Let the EUT work in TX modes measure it. The transmit frequency are 2412-2462 and 2422-2452MHz. We select 2412MHz, 2437MHz, 2462MHz and 2422MHz, 2437MHz, 2452MHz TX frequency to transmit.

12.4. Test Procedure

12.4.1. The transmitter output was connected to the spectrum analyzer through a low loss cable. The transmitter shall be operated at its maximum carrier power measured under normal test conditions. The span of the analyzer shall be set to capture all products of the modulation process, including the emission skirts.

12.4.2. The resolution bandwidth (RBW) shall be in the range of 1% to 5% of the occupied bandwidth (OBW) and video bandwidth (VBW) shall be approximately 3x RBW.

12.4.3. A peak, or peak hold, may be used in place of the sampling detector as this may produce a wider bandwidth than the actual bandwidth (worst-case measurement). Use of a peak hold may be necessary to determine the occupied bandwidth if the device is not transmitting continuously.

12.4.4. Set SPA “Meas” function, Select “Occupied Bandwidth” function, Select “99% Power Bandwidth”. The frequency of the upper and lower markers indicating the edges of the transmitters “99% Power” emission bandwidth shall be recorded to automate by SPA.

12.5.Measurement Result

The test was performed with 802.11b		
Channel	Frequency (MHz)	99% Occupied Bandwidth (MHz)
Low	2412	15.213
Middle	2437	15.263
High	2462	15.258

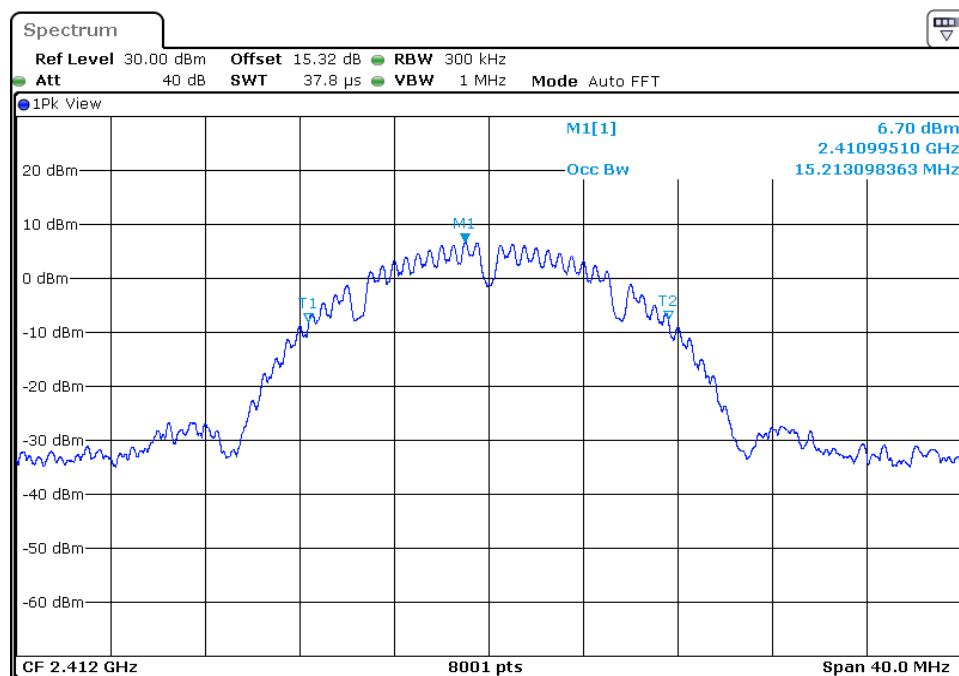
The test was performed with 802.11g		
Channel	Frequency (MHz)	99% Occupied Bandwidth (MHz)
Low	2412	16.868
Middle	2437	16.858
High	2462	16.818

The test was performed with 802.11n (Bandwidth: 20 MHz)		
Channel	Frequency (MHz)	99% Occupied Bandwidth (MHz)
Low	2412	18.138
Middle	2437	17.968
High	2462	18.093

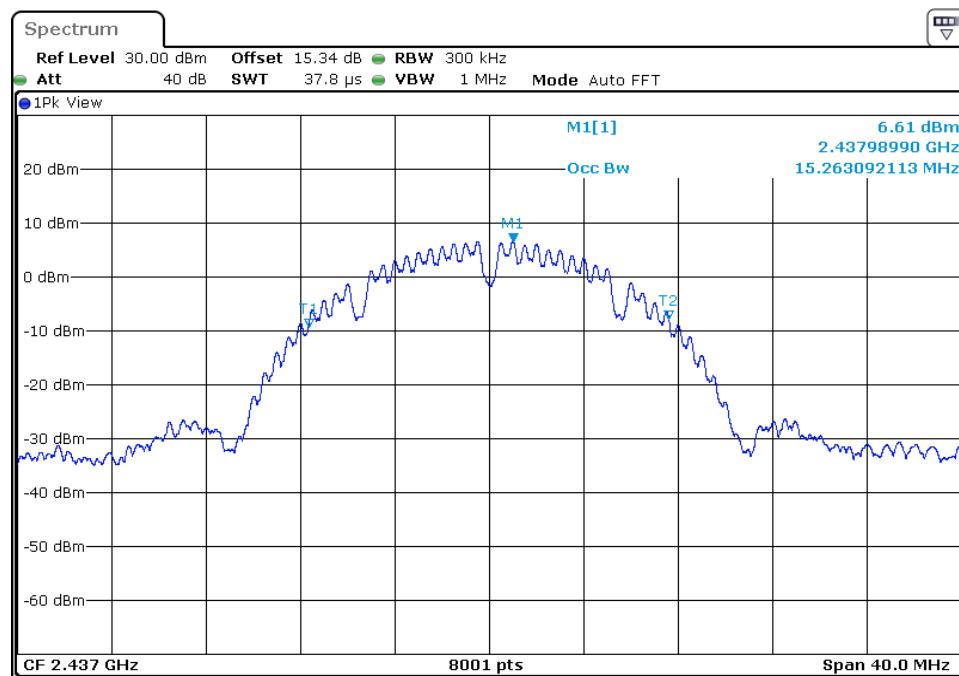
The test was performed with 802.11n (Bandwidth: 40 MHz)		
Channel	Frequency (MHz)	99% Occupied Bandwidth (MHz)
Low	2422	36.515
Middle	2437	36.545
High	2452	36.555

The spectrum analyzer plots are attached as below.

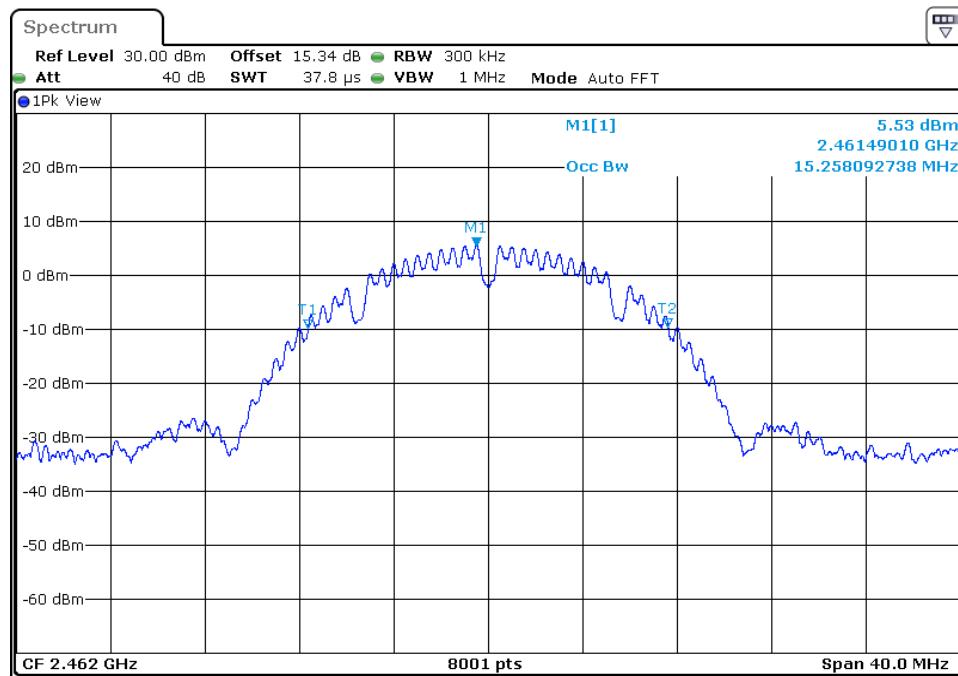
802.11b Channel Low 2412MHz



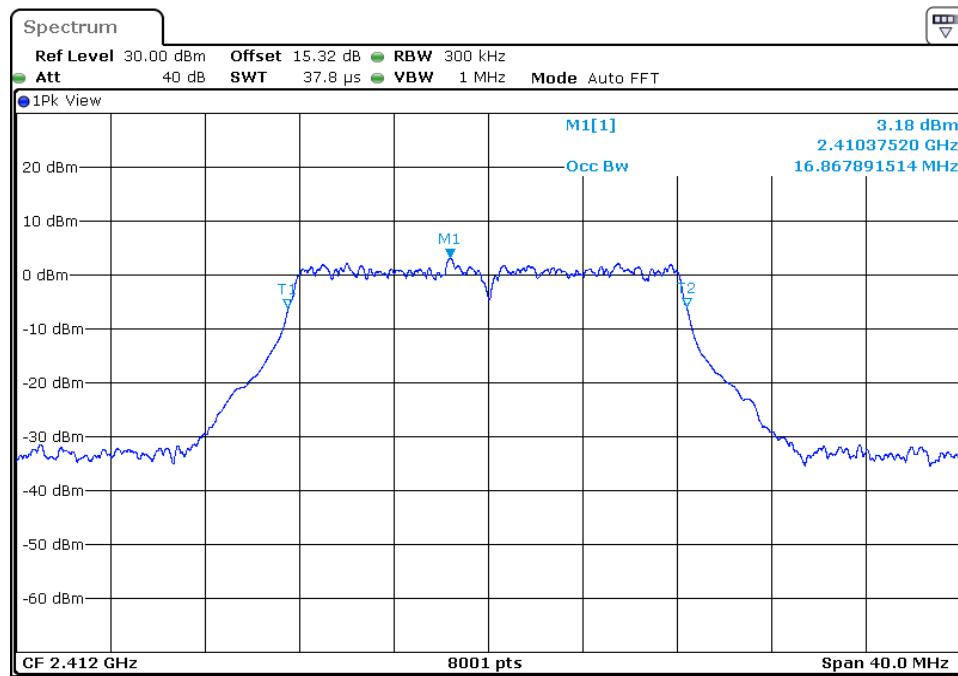
802.11b Channel Middle 2437MHz



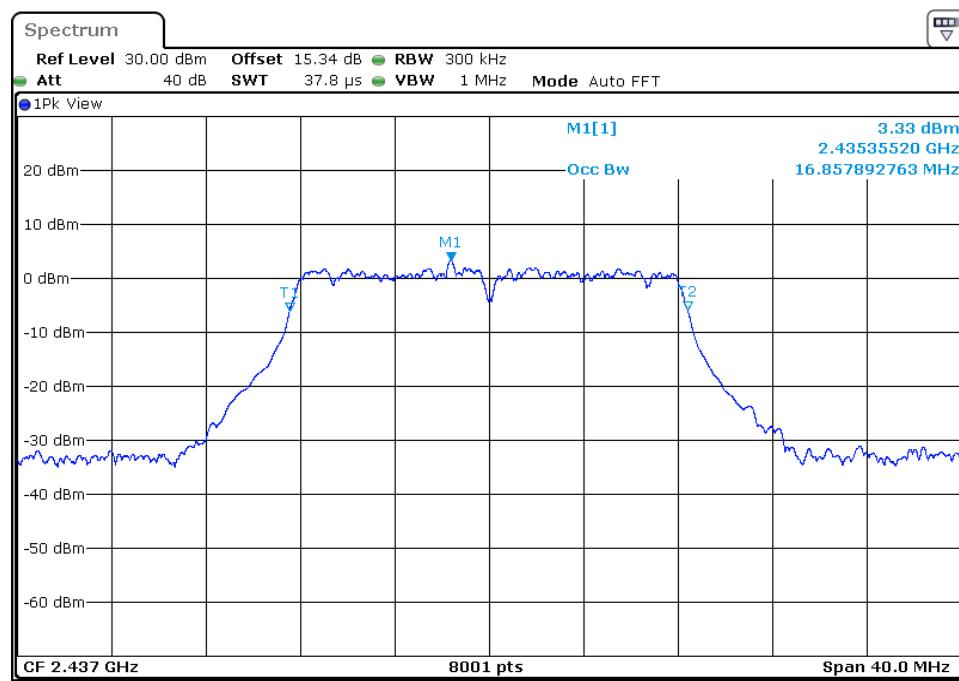
802.11b Channel High 2462MHz



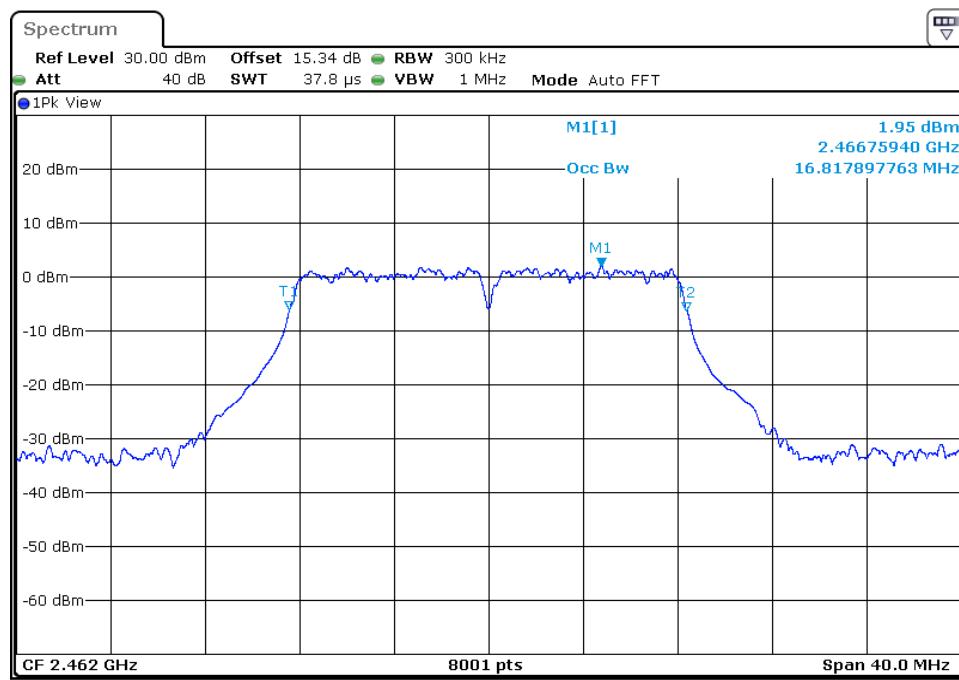
802.11g Channel Low 2412MHz



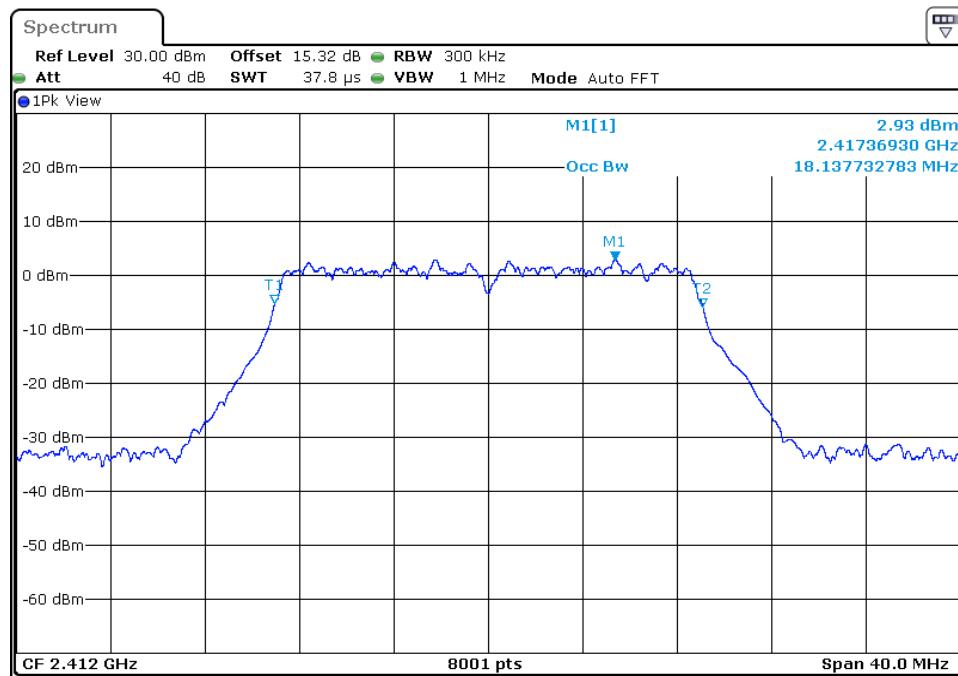
802.11g Channel Middle 2437MHz



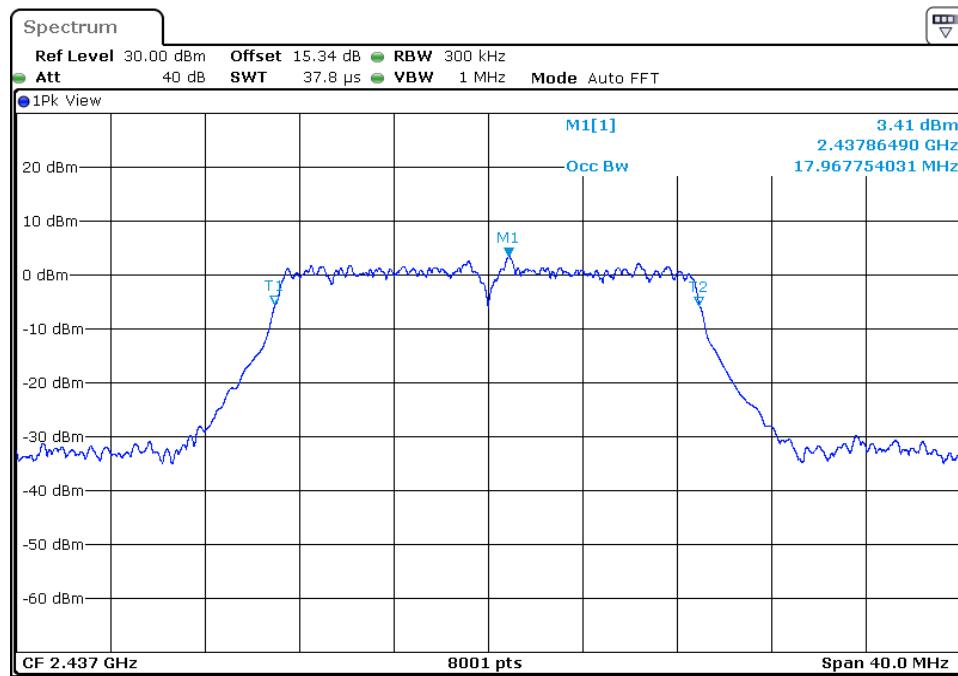
802.11g Channel High 2462MHz



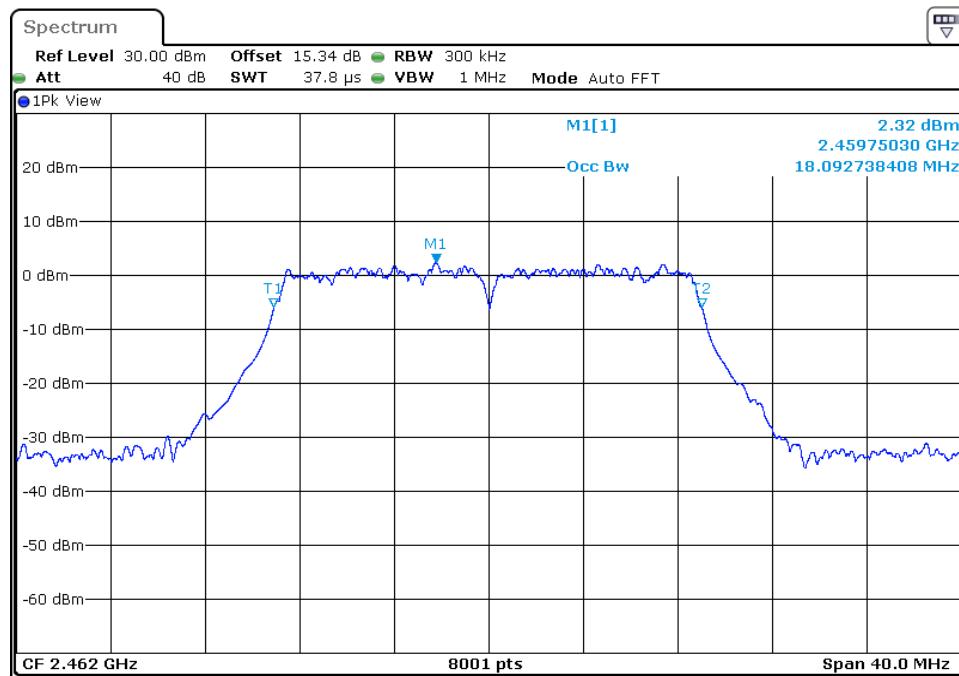
802.11n Channel Low 2412MHz (20MHz)



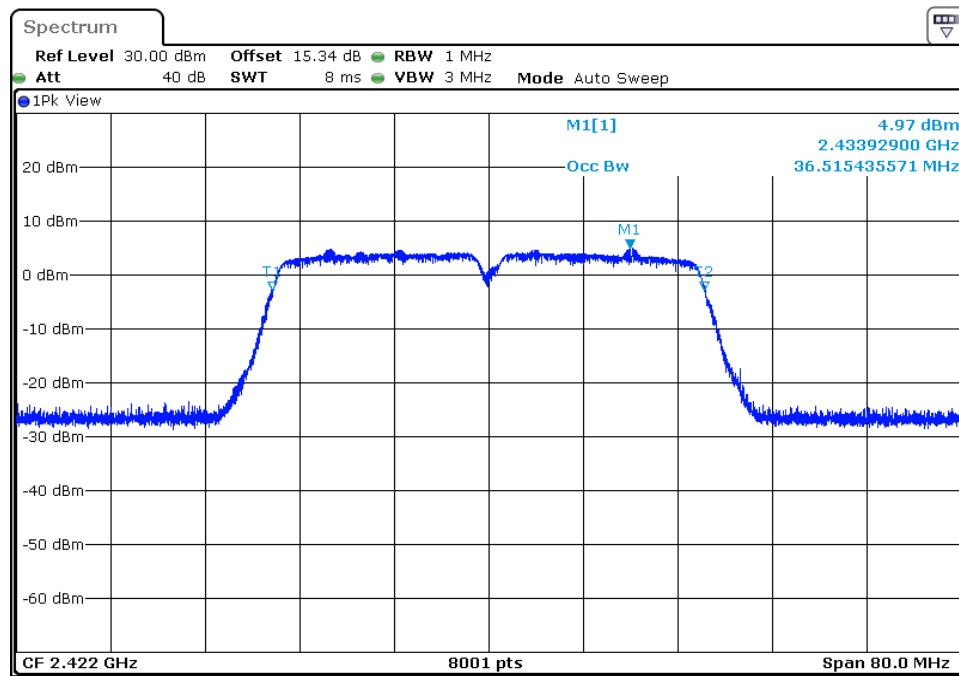
802.11n Channel Middle 2437MHz(20MHz)



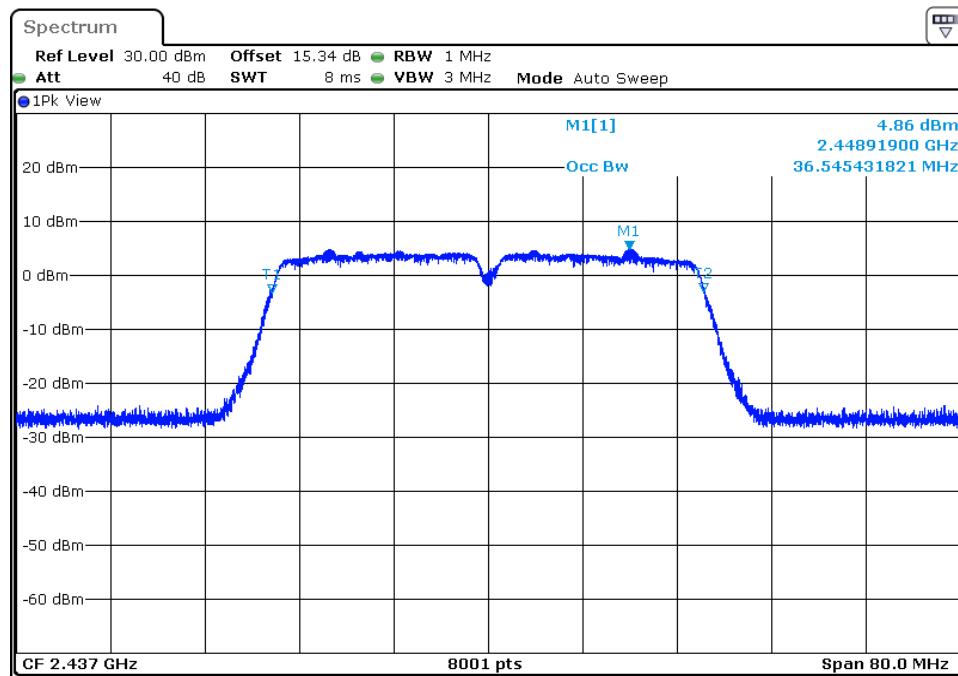
802.11n Channel High 2462MHz(20MHz)



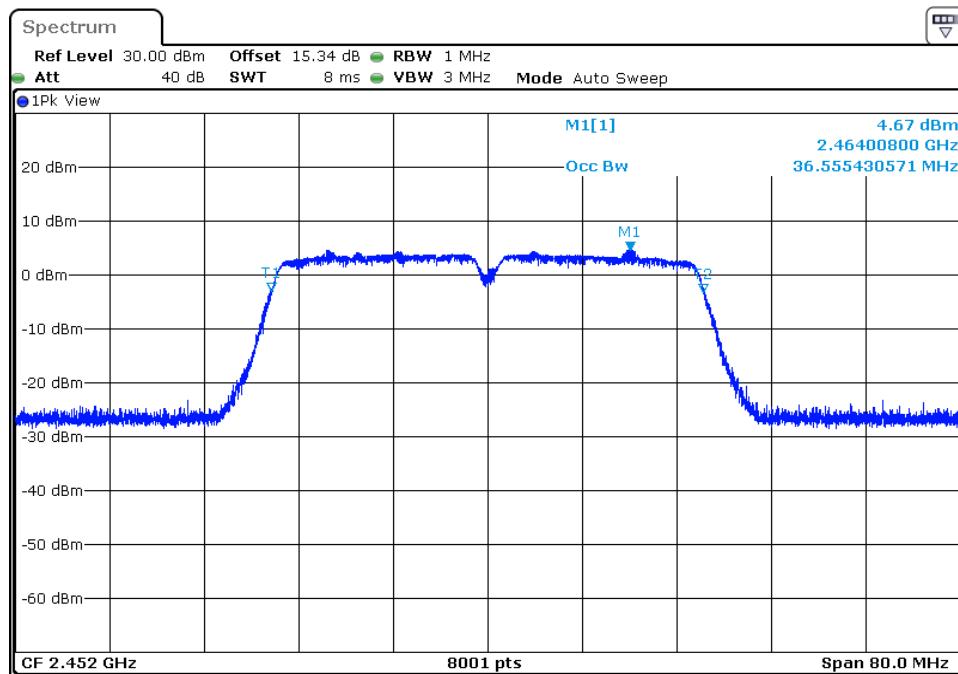
802.11n Channel Low 2422MHz (40MHz)



802.11n Channel Middle 2437MHz(40MHz)



802.11n Channel High 2452MHz(40MHz)



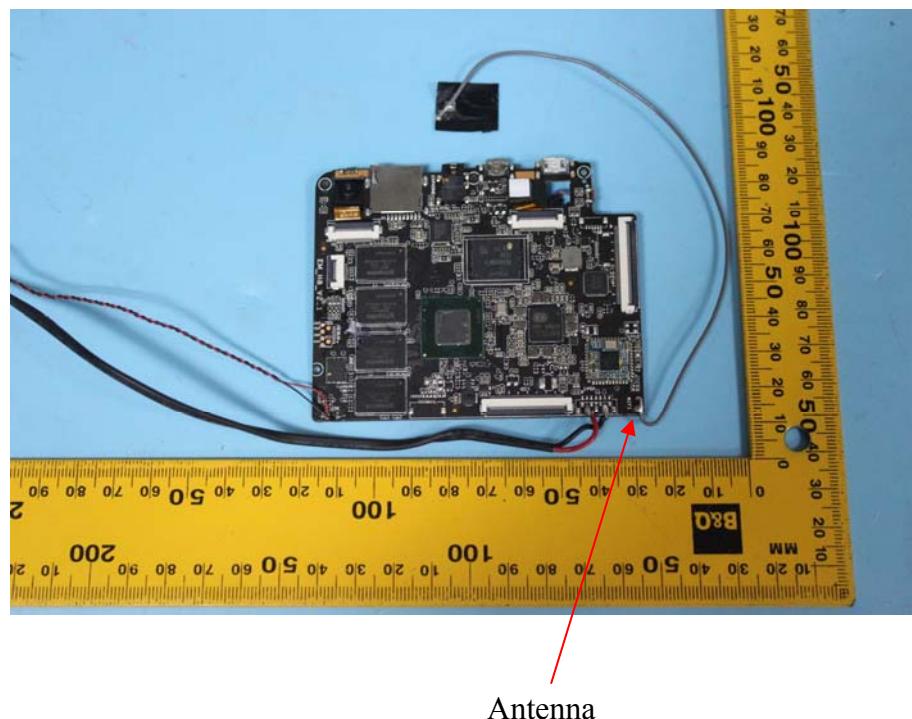
13. ANTENNA REQUIREMENT

13.1. The Requirement

According to Section 15.203, an intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device.

13.2. Antenna Construction

Device is equipped with permanent attached antenna, which isn't displaced by other antenna. The Antenna gain of EUT is 2dBi. Therefore, the equipment complies with the antenna requirement of Section 15.203.



***** End of Test Report *****