



# ACCURATE TECHNOLOGY CO., LTD.

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

Site: 1# Chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: alen #2903

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

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

EUT: Tablet PC

Mode: TX 2462MHz(802.11b)

Model: Indipad RL14

Manufacturer: Joy

Polarization: Vertical

Power Source: AC 120V/60Hz

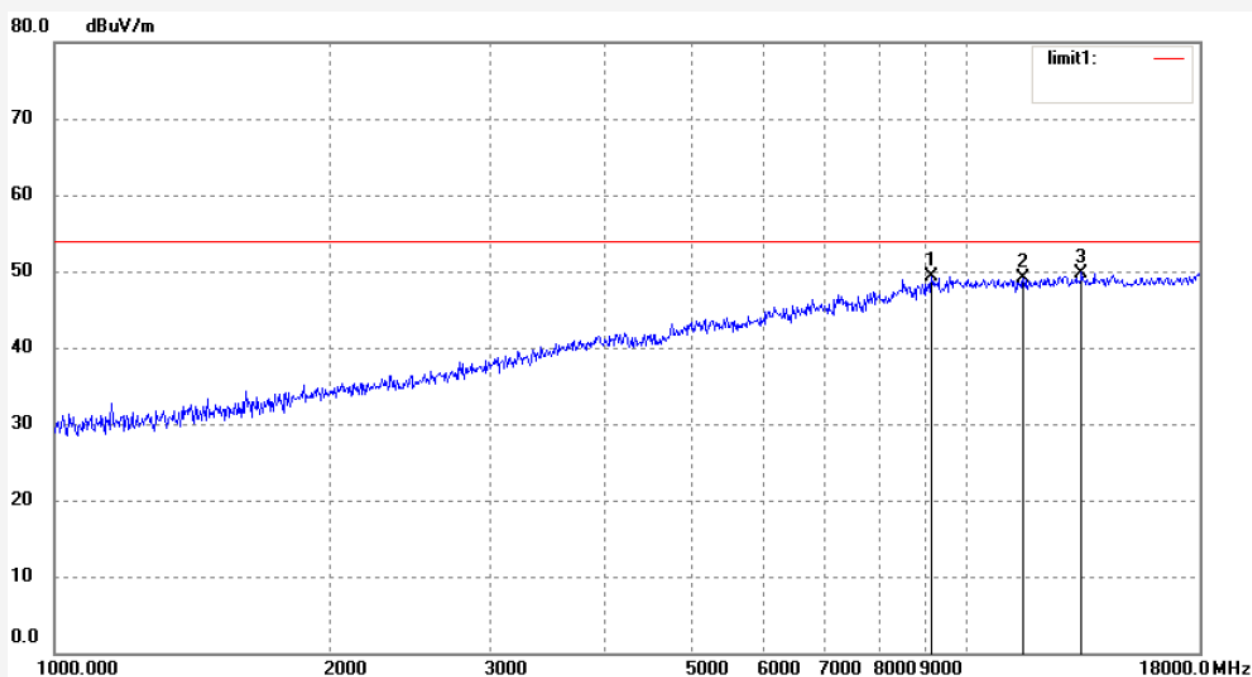
Date: 14/2/11/

Time: 10/03/29

Engineer Signature:

Distance: 3m

Note: Report No:ATE20140097



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	9152.479	45.47	3.88	49.35	54.00	-4.65	peak			
2	11533.485	42.94	6.07	49.01	54.00	-4.99	peak			
3	13365.322	41.06	8.74	49.80	54.00	-4.20	peak			



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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.: alen #2904

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

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

EUT: Tablet PC

Mode: TX 2462MHz(802.11b)

Model: Indipad RL14

Manufacturer: Joy

Polarization: Horizontal

Power Source: AC 120V/60Hz

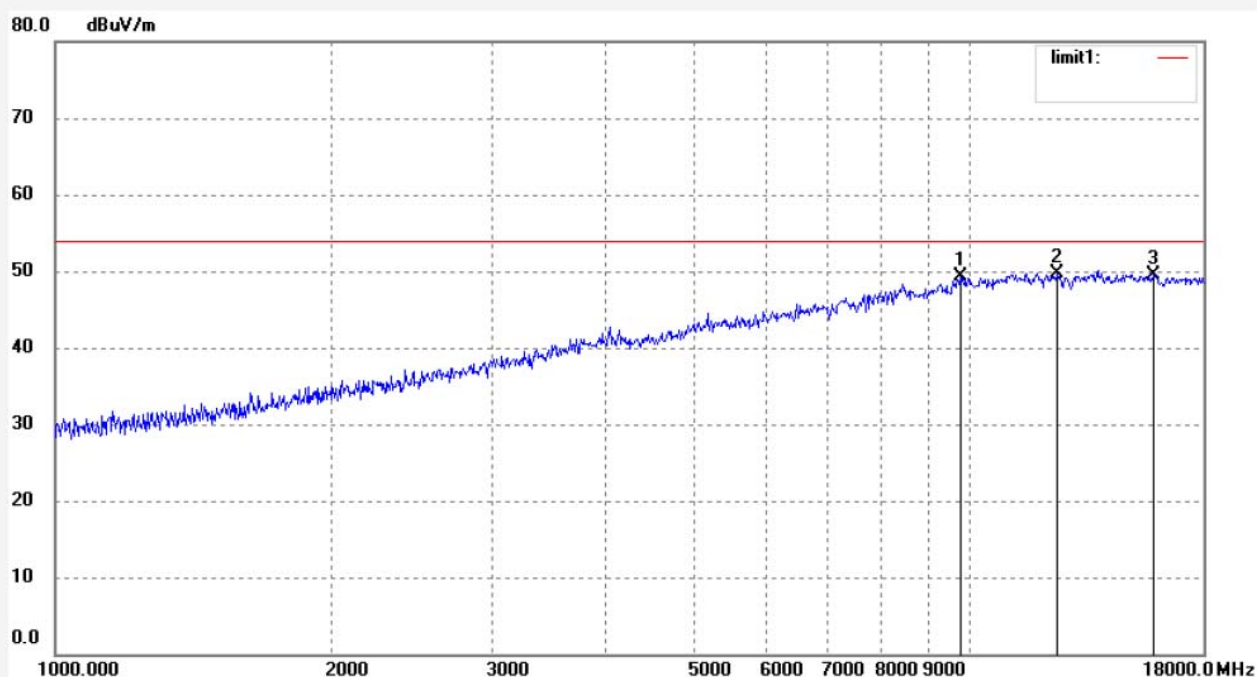
Date: 14/2/11/

Time: 10/04/12

Engineer Signature:

Distance: 3m

Note: Report No:ATE20140097



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	9753.371	44.19	5.06	49.25	54.00	-4.75	peak			
2	12469.611	42.54	7.12	49.66	54.00	-4.34	peak			
3	15850.410	38.11	11.48	49.59	54.00	-4.41	peak			



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Site: 1# Chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: alen #2910

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

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

EUT: Tablet PC

Mode: TX 2412MHz(802.11g)

Model: Indipad RL14

Manufacturer: Joy

Polarization: Vertical

Power Source: AC 120V/60Hz

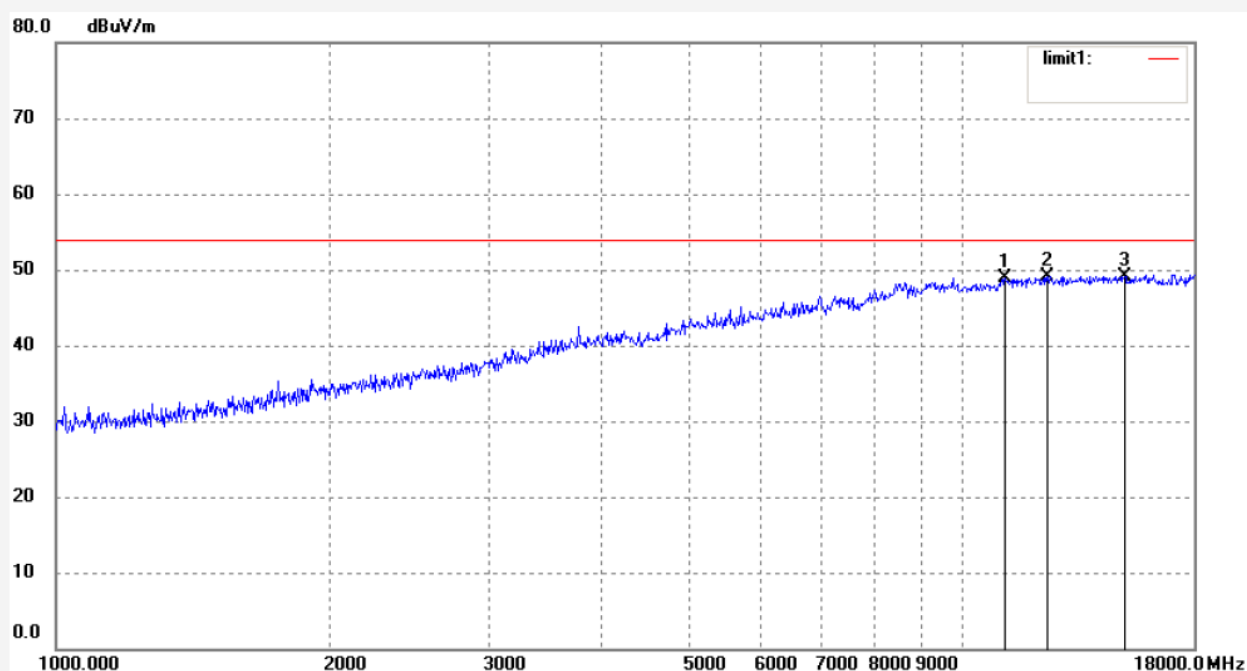
Date: 14/2/11/

Time: 13/46/09

Engineer Signature:

Distance: 3m

Note: Report No:ATE20140097



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	11140.310	43.23	5.65	48.88	54.00	-5.12	peak			
2	12397.735	42.07	7.02	49.09	54.00	-4.91	peak			
3	15090.405	37.33	11.76	49.09	54.00	-4.91	peak			



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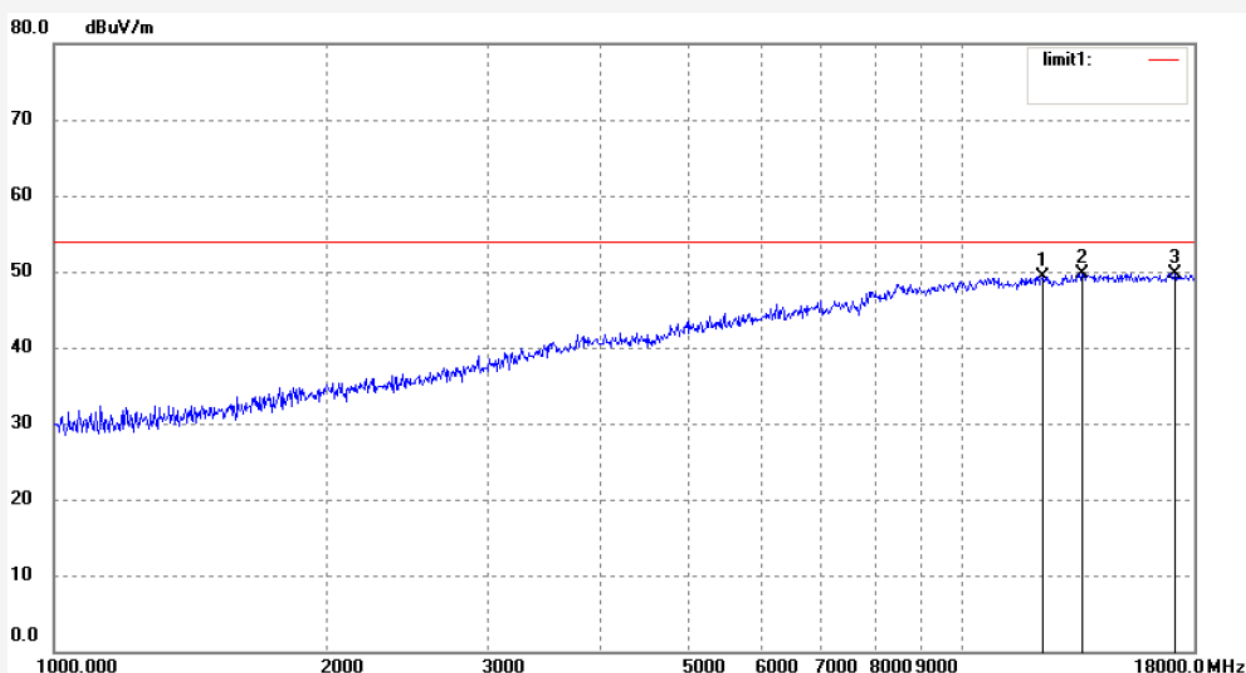
F1,Bldg,A,Changyuan New Material Port Keyuan Rd,  
Science & Industry Park,Nanshan Shenzhen,P.R.China

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

Job No.: alen #2909  
Standard: FCC Class B 3M Radiated  
Test item: Radiation Test  
Temp.( C)/Hum.(%) 25 C / 55 %  
EUT: Tablet PC  
Mode: TX 2412MHz(802.11g)  
Model: Indipad RL14  
Manufacturer: Joy

Polarization: Horizontal  
Power Source: AC 120V/60Hz  
Date: 14/2/11/  
Time: 13/45/26  
Engineer Signature:  
Distance: 3m

Note: Report No:ATE20140097



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	12255.224	42.46	6.84	49.30	54.00	-4.70	peak			
2	13559.879	40.43	9.22	49.65	54.00	-4.35	peak			
3	17136.924	35.33	14.42	49.75	54.00	-4.25	peak			



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Site: 1# Chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: alen #2908

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

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

EUT: Tablet PC

Mode: TX 2437MHz(802.11g)

Model: Indipad RL14

Manufacturer: Joy

Polarization: Horizontal

Power Source: AC 120V/60Hz

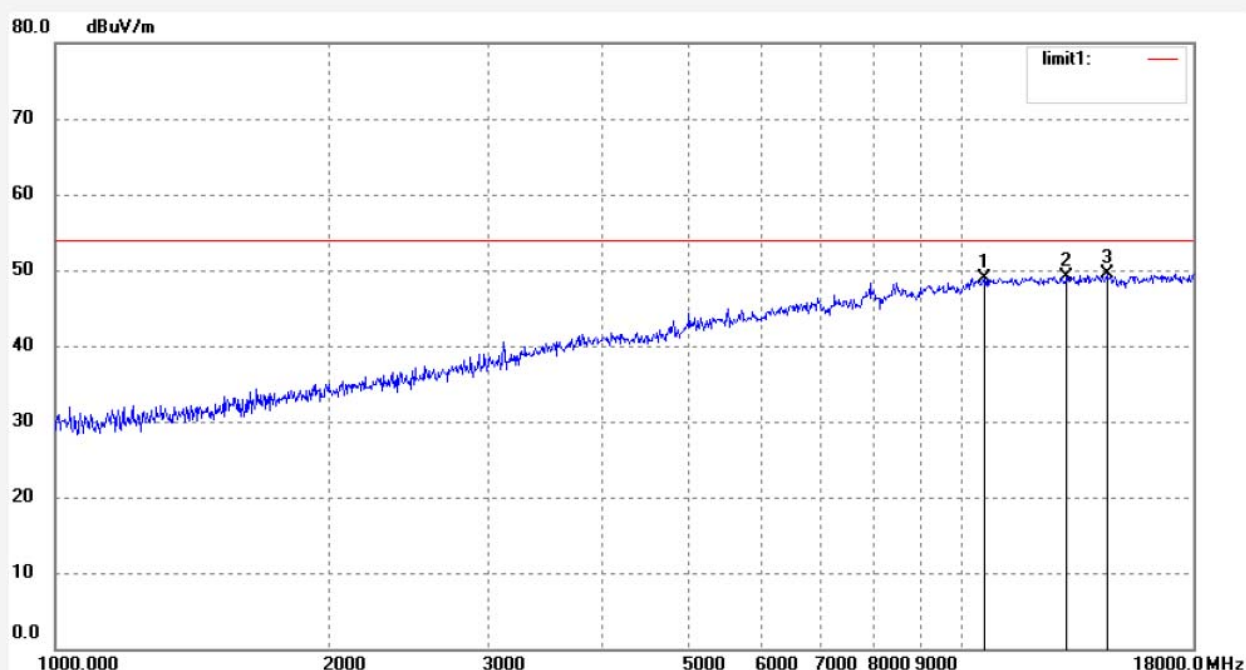
Date: 14/2/11/

Time: 13/44/37

Engineer Signature:

Distance: 3m

Note: Report No:ATE20140097



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	10606.147	43.64	5.26	48.90	54.00	-5.10	peak			
2	13059.822	41.06	8.02	49.08	54.00	-4.92	peak			
3	14450.131	36.83	12.73	49.56	54.00	-4.44	peak			





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F1,Bldg,A,Changyuan New Material Port Keyuan Rd,  
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Site: 1# Chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: alen #2907

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

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

EUT: Tablet PC

Mode: TX 2437MHz(802.11g)

Model: Indipad RL14

Manufacturer: Joy

Polarization: Vertical

Power Source: AC 120V/60Hz

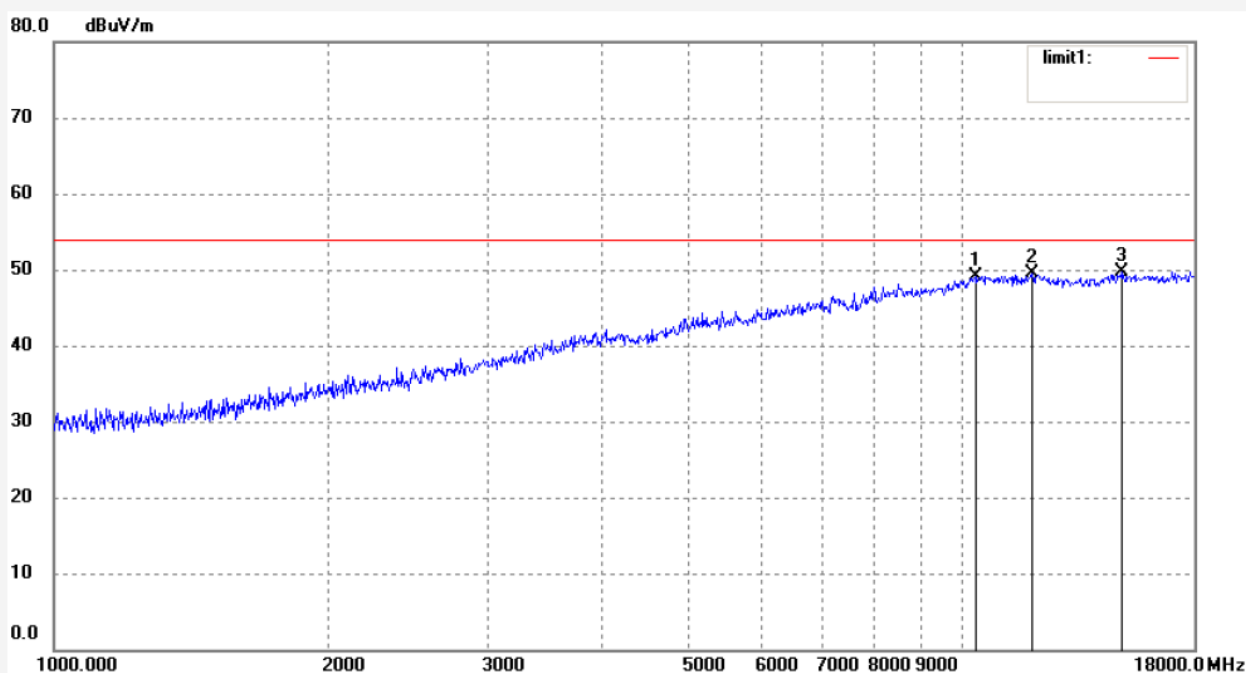
Date: 14/2/11/

Time: 13/43/49

Engineer Signature:

Distance: 3m

Note: Report No:ATE20140097



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	10333.803	43.88	5.26	49.14	54.00	-4.86	peak			
2	11940.536	43.01	6.43	49.44	54.00	-4.56	peak			
3	14960.120	37.77	11.98	49.75	54.00	-4.25	peak			


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Site: 1# Chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: alen #2906

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

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

EUT: Tablet PC

Mode: TX 2462MHz(802.11g)

Model: Indipad RL14

Manufacturer: Joy

Polarization: Vertical

Power Source: AC 120V/60Hz

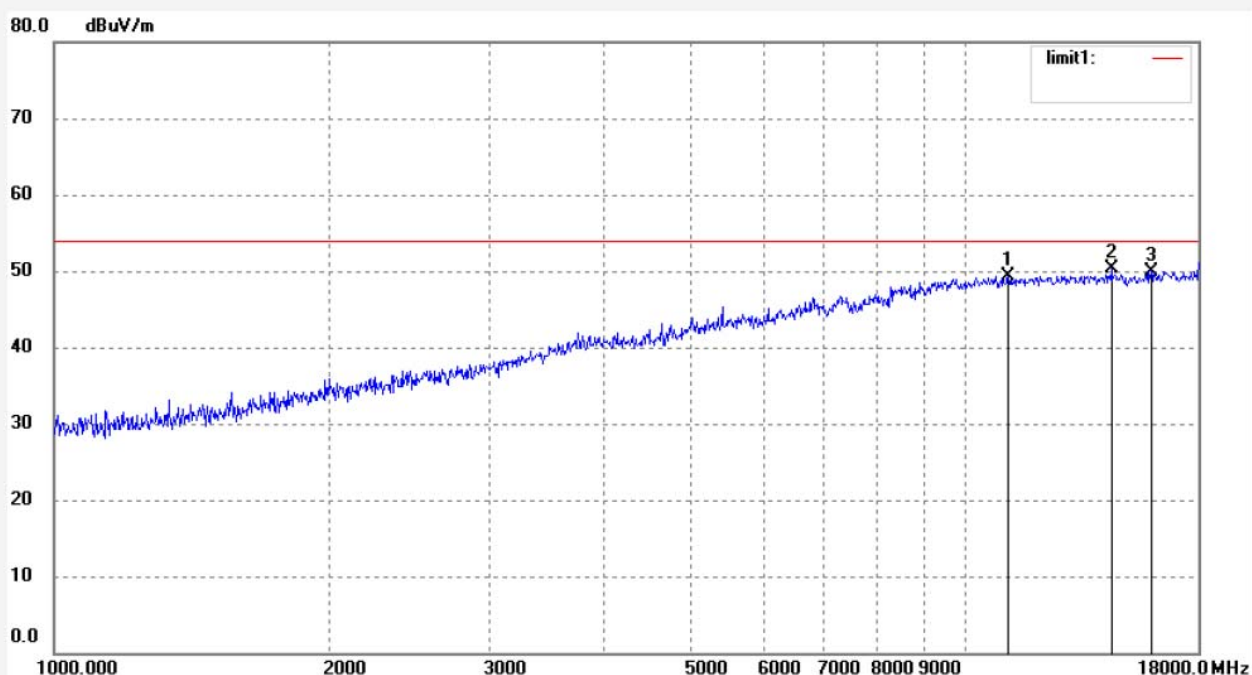
Date: 14/2/11/

Time: 10/06/33

Engineer Signature:

Distance: 3m

Note: Report No:ATE20140097



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	11140.310	43.60	5.65	49.25	54.00	-4.75	peak			
2	14450.131	37.54	12.74	50.28	54.00	-3.72	peak			
3	15988.449	38.43	11.57	50.00	54.00	-4.00	peak			



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

Job No.: alen #2905

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

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

EUT: Tablet PC

Mode: TX 2462MHz(802.11g)

Model: Indipad RL14

Manufacturer: Joy

Polarization: Horizontal

Power Source: AC 120V/60Hz

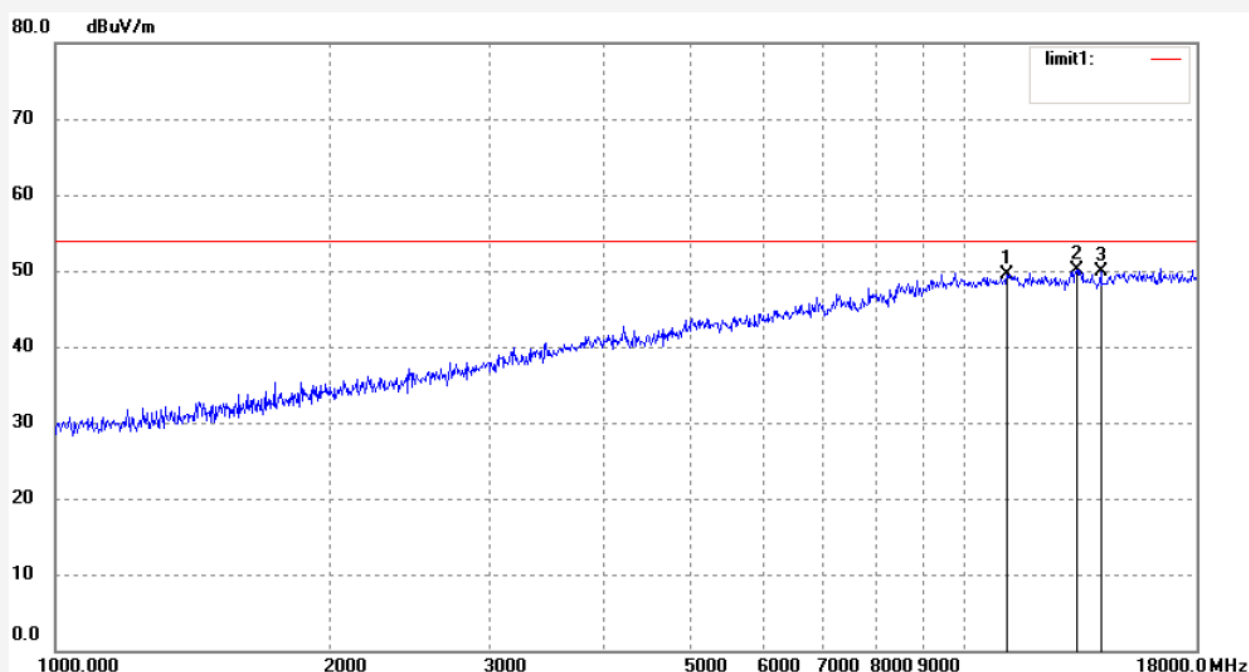
Date: 14/2/11/

Time: 10/05/59

Engineer Signature:

Distance: 3m

Note: Report No:ATE20140097



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	11140.310	43.84	5.65	49.49	54.00	-4.51	peak			
2	13288.284	41.56	8.56	50.12	54.00	-3.88	peak			
3	14119.835	38.90	11.02	49.92	54.00	-4.08	peak			





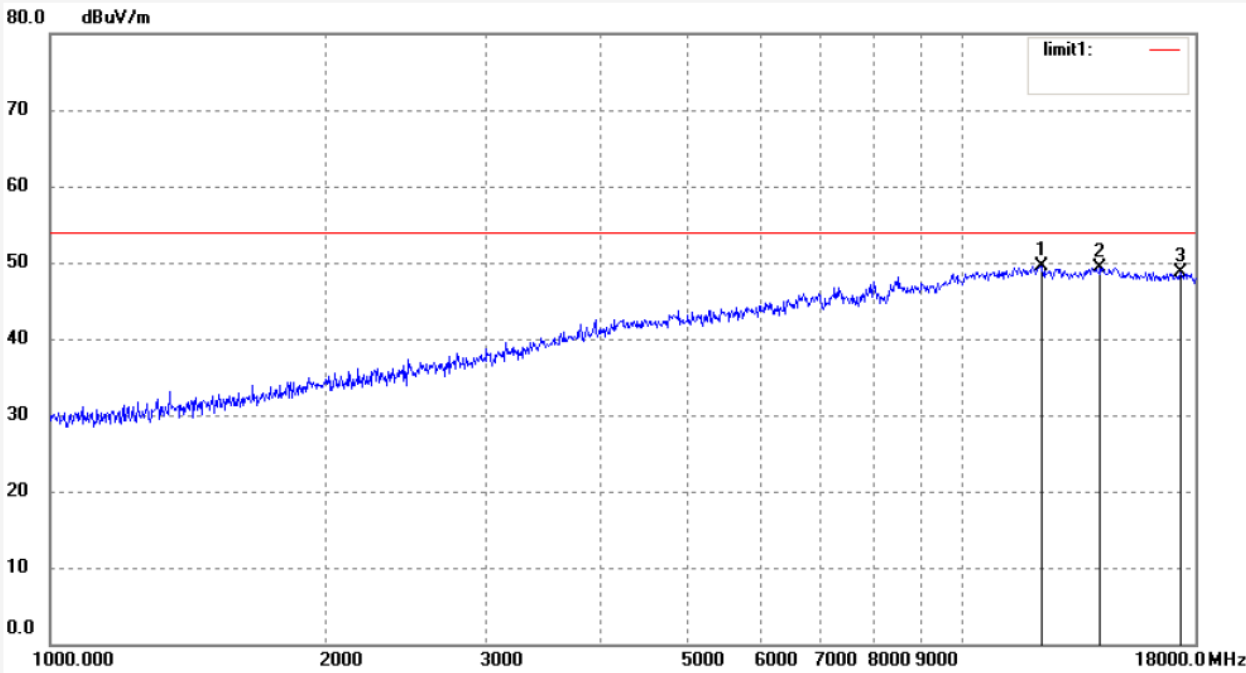
# ACCURATE TECHNOLOGY CO., LTD.

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

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

Job No.: alen #2911	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 14/2/11/
Temp.( C)/Hum.(%) 25 C / 55 %	Time: 13/46/45
EUT: Tablet PC	Engineer Signature:
Mode: TX 2412MHz(802.11n20)	Distance: 3m
Model: Indipad RL14	
Manufacturer: Joy	

Note: Report No:ATE20140097



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	12219.853	42.69	6.79	49.48	54.00	-4.52	peak			
2	14160.705	38.11	11.24	49.35	54.00	-4.65	peak			
3	17336.202	33.37	15.33	48.70	54.00	-5.30	peak			



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Site: 1# Chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: alen #2912

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

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

EUT: Tablet PC

Mode: TX 2412MHz(802.11n20)

Model: Indipad RL14

Manufacturer: Joy

Polarization: Horizontal

Power Source: AC 120V/60Hz

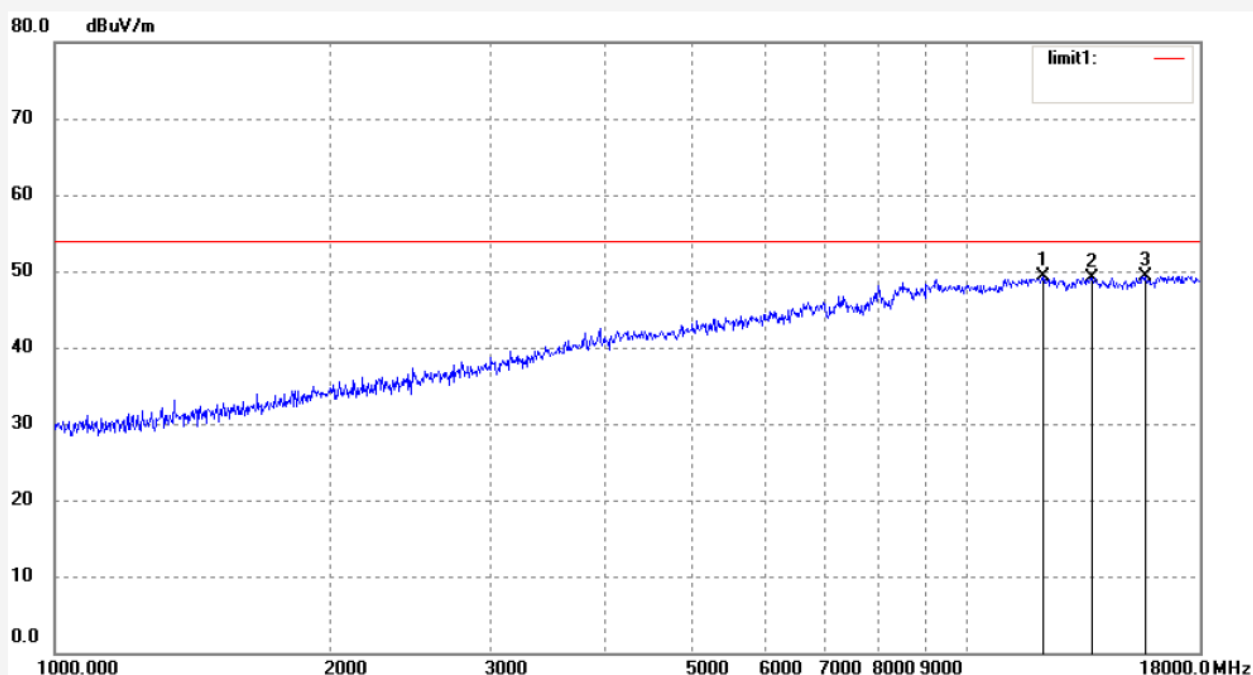
Date: 14/2/11/

Time: 13/46/45

Engineer Signature:

Distance: 3m

Note: Report No:ATE20140097



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	12114.352	42.58	6.65	49.23	54.00	-4.77	peak			
2	13717.561	39.49	9.66	49.15	54.00	-4.85	peak			
3	15713.564	38.00	11.40	49.40	54.00	-4.60	peak			



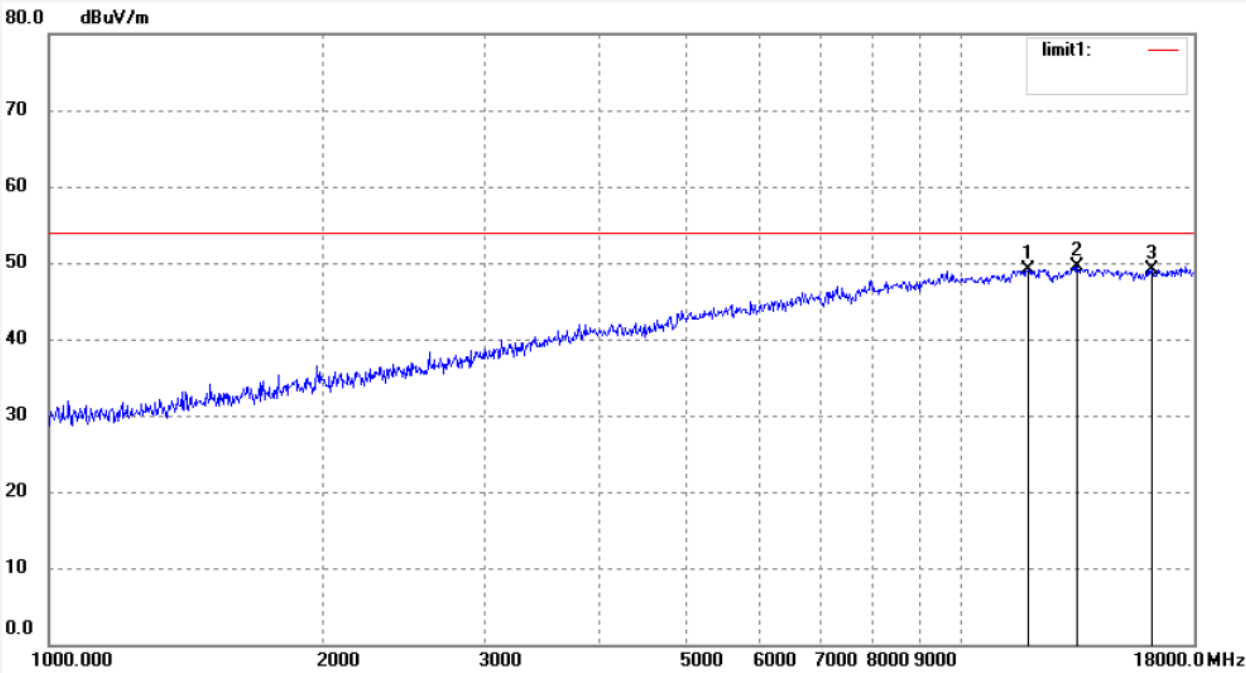
# ACCURATE TECHNOLOGY CO., LTD.

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

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

Job No.: alen #2913	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 14/2/11/
Temp.( C)/Hum.(%) 25 C / 55 %	Time: 13/48/06
EUT: Tablet PC	Engineer Signature:
Mode: TX 2437MHz(802.11n20)	Distance: 3m
Model: Indipad RL14	
Manufacturer: Joy	

Note: Report No:ATE20140097



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	11837.445	42.83	6.34	49.17	54.00	-4.83	peak			
2	13404.009	40.71	8.82	49.53	54.00	-4.47	peak			
3	16174.372	37.35	11.79	49.14	54.00	-4.86	peak			



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Site: 1# Chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: alen #2914

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

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

EUT: Tablet PC

Mode: TX 2437MHz(802.11n20)

Model: Indipad RL14

Manufacturer: Joy

Polarization: Vertical

Power Source: AC 120V/60Hz

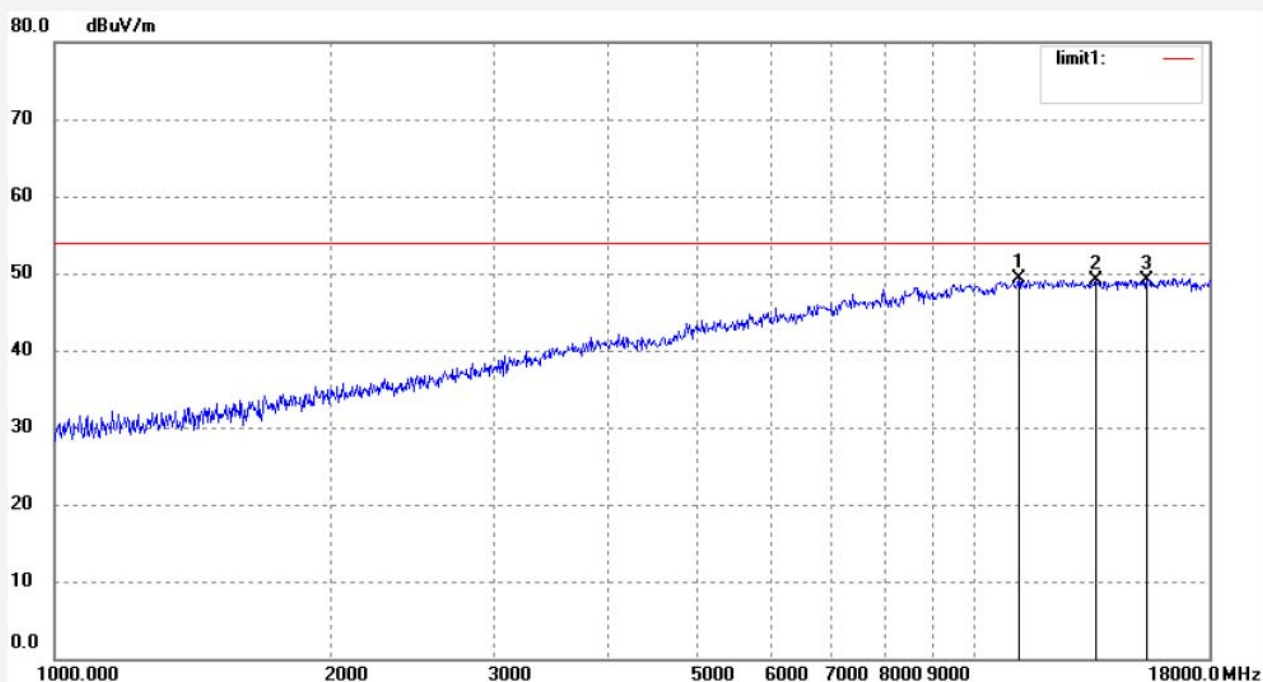
Date: 14/2/11/

Time: 13/49/07

Engineer Signature:

Distance: 3m

Note: Report No:ATE20140097



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	11172.556	43.53	5.69	49.22	54.00	-4.78	peak			
2	13559.879	39.87	9.22	49.09	54.00	-4.91	peak			
3	15398.832	37.69	11.38	49.07	54.00	-4.93	peak			



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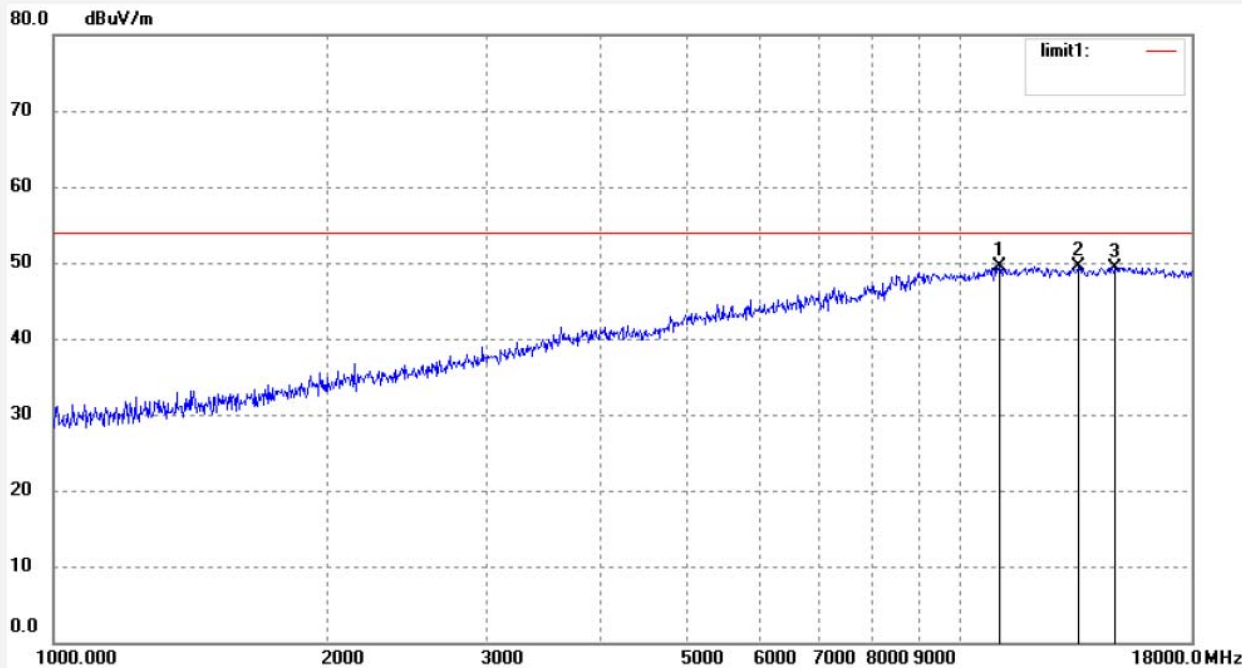
F1,Bldg,A,Changyuan New Material Port Keyuan Rd,  
Science & Industry Park,Nanshan Shenzhen,P.R.China

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

Job No.: alen #2915  
Standard: FCC Class B 3M Radiated  
Test item: Radiation Test  
Temp.( C)/Hum.(%) 25 C / 55 %  
EUT: Tablet PC  
Mode: TX 2462MHz(802.11n20)  
Model: Indipad RL14  
Manufacturer: Joy

Polarization: Vertical  
Power Source: AC 120V/60Hz  
Date: 14/2/11/  
Time: 13/49/41  
Engineer Signature:  
Distance: 3m

Note: Report No:ATE20140097



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	11044.129	43.94	5.55	49.49	54.00	-4.51	peak			
2	13481.719	40.48	9.01	49.49	54.00	-4.51	peak			
3	14788.154	37.03	12.36	49.39	54.00	-4.61	peak			





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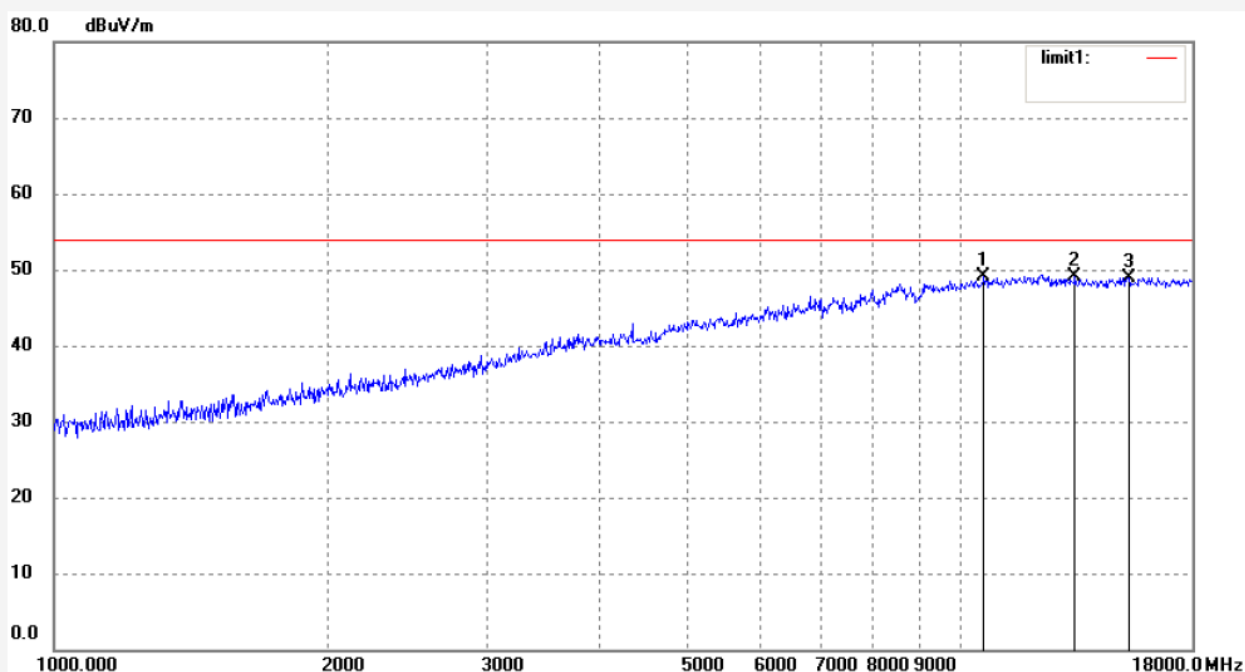
F1,Bldg,A,Changyuan New Material Port Keyuan Rd,  
Science & Industry Park,Nanshan Shenzhen,P.R.China

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

Job No.: alen #2916  
Standard: FCC Class B 3M Radiated  
Test item: Radiation Test  
Temp.( C)/Hum.(%) 25 C / 55 %  
EUT: Tablet PC  
Mode: TX 2462MHz(802.11n20)  
Model: Indipad RL14  
Manufacturer: Joy

Polarization: Horizontal  
Power Source: AC 120V/60Hz  
Date: 14/2/11/  
Time: 13/50/22  
Engineer Signature:  
Distance: 3m

Note: Report No:ATE20140097



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	10606.147	43.78	5.26	49.04	54.00	-4.96	peak			
2	13365.322	40.37	8.74	49.11	54.00	-4.89	peak			
3	15354.388	37.45	11.43	48.88	54.00	-5.12	peak			



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Site: 1# Chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: alen #2922

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

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

EUT: Tablet PC

Mode: TX 2422MHz(802.11n40)

Model: Indipad RL14

Manufacturer: Joy

Polarization: Vertical

Power Source: AC 120V/60Hz

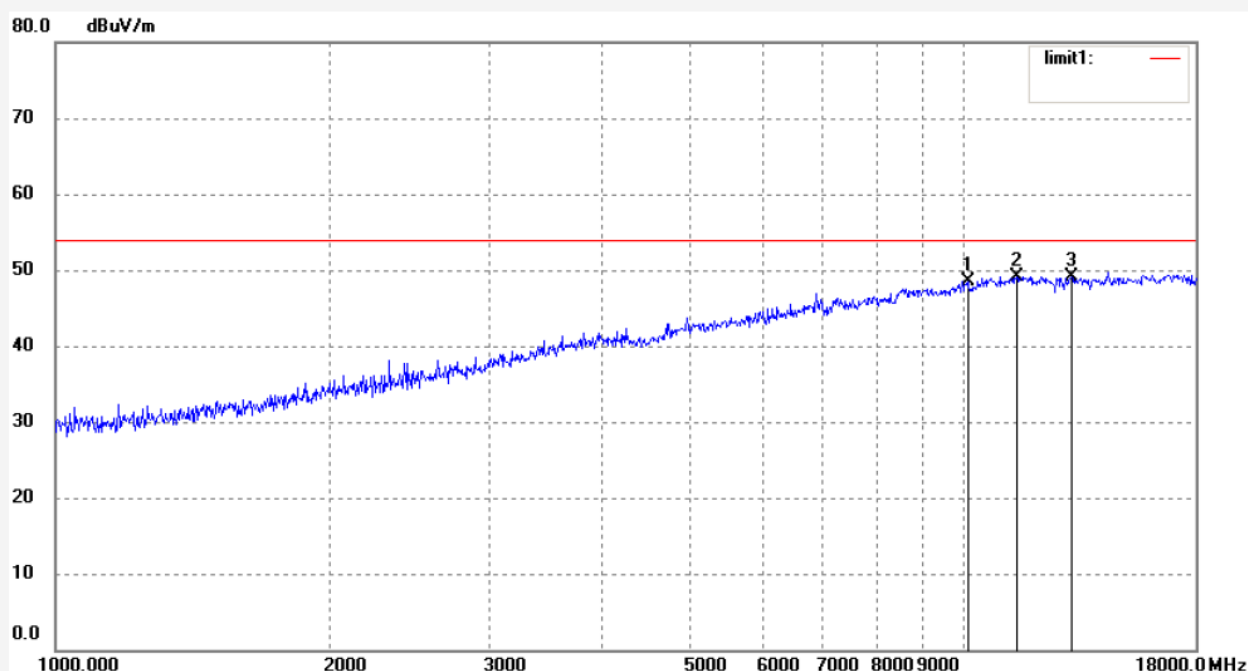
Date: 14/2/11/

Time: 13/54/46

Engineer Signature:

Distance: 3m

Note: Report No:ATE20140097



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	10097.596	43.17	5.35	48.52	54.00	-5.48	peak			
2	11433.909	43.12	5.97	49.09	54.00	-4.91	peak			
3	13135.536	40.85	8.19	49.04	54.00	-4.96	peak			


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Site: 1# Chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: alen #2921

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

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

EUT: Tablet PC

Mode: TX 2422MHz(802.11n40)

Model: Indipad RL14

Manufacturer: Joy

Polarization: Horizontal

Power Source: AC 120V/60Hz

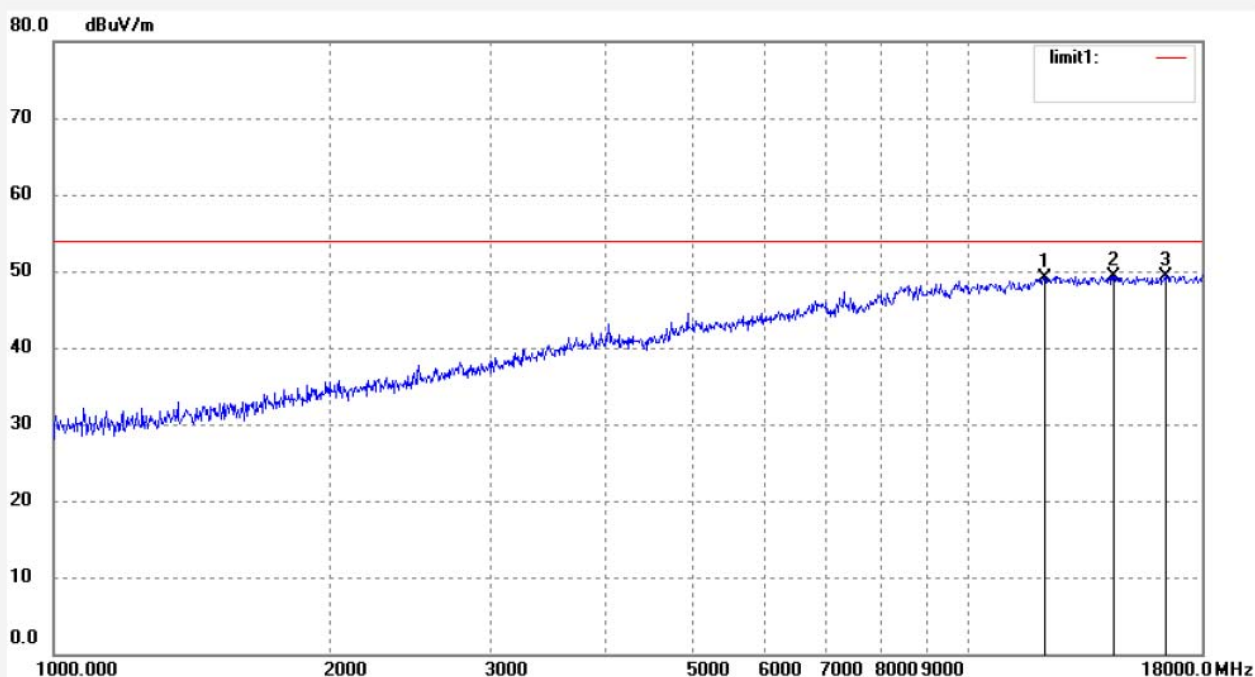
Date: 14/2/11/

Time: 13/54/04

Engineer Signature:

Distance: 3m

Note: Report No:ATE20140097



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	12114.352	42.42	6.65	49.07	54.00	-4.93	peak			
2	14408.425	36.79	12.53	49.32	54.00	-4.68	peak			
3	16409.819	37.34	12.06	49.40	54.00	-4.60	peak			



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Site: 1# Chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: alen #2920

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

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

EUT: Tablet PC

Mode: TX 2437MHz(802.11n40)

Model: Indipad RL14

Manufacturer: Joy

Polarization: Horizontal

Power Source: AC 120V/60Hz

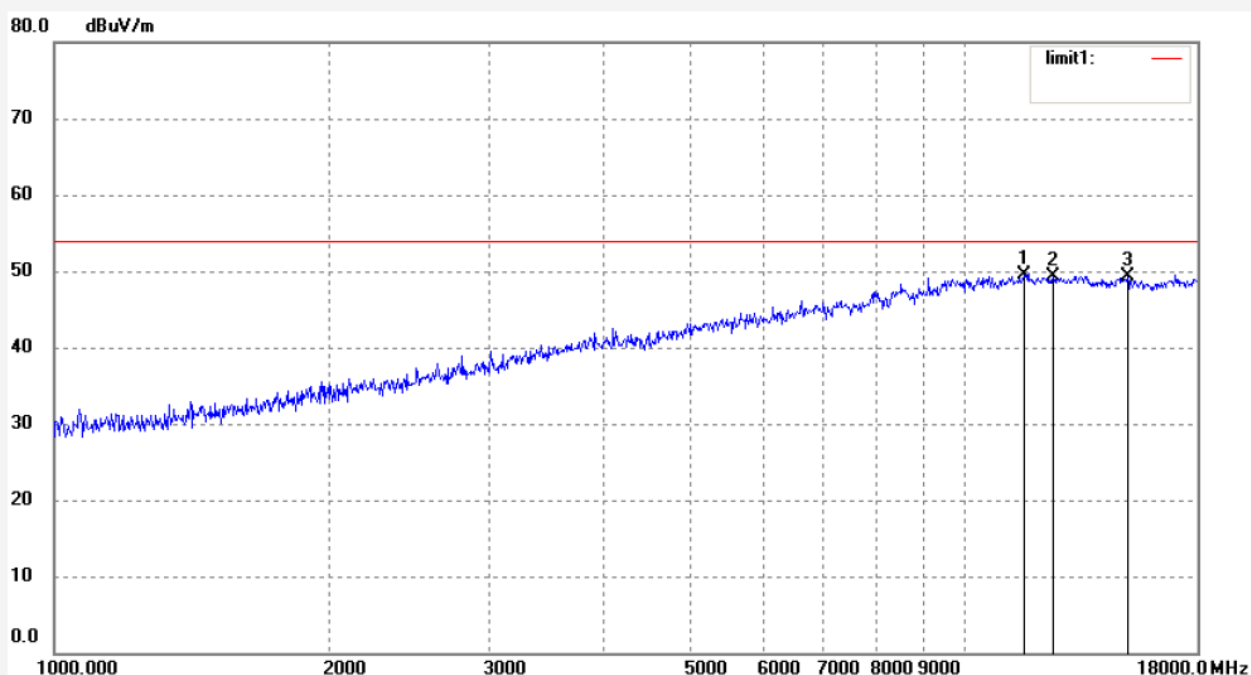
Date: 14/2/11/

Time: 13/53/16

Engineer Signature:

Distance: 3m

Note: Report No:ATE20140097



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	11633.928	43.44	6.16	49.60	54.00	-4.40	peak			
2	12505.705	42.24	7.16	49.40	54.00	-4.60	peak			
3	15090.405	37.47	11.76	49.23	54.00	-4.77	peak			



# **ACCURATE TECHNOLOGY CO., LTD.**

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

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

Job No.: alen #2919

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

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

EUT: Tablet PC

Mode: TX 2437MHz(802.11n40)

Model: Indipad RL14

Manufacturer: Joy

Polarization: Vertical

Power Source: AC 120V/60Hz

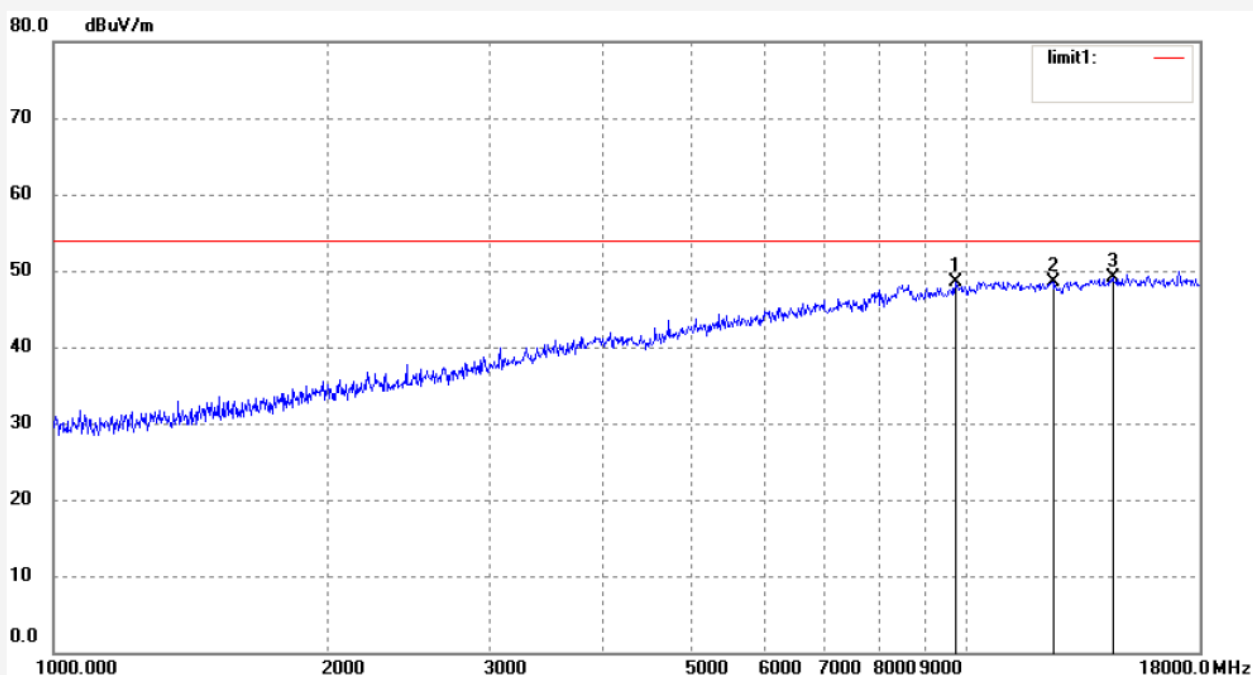
Date: 14/2/11/

Time: 13/52/39

Engineer Signature:

Distance: 3m

Note: Report No:ATE20140097



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	9725.221	43.53	5.03	48.56	54.00	-5.44	peak			
2	12433.621	41.42	7.06	48.48	54.00	-5.52	peak			
3	14450.131	36.39	12.74	49.13	54.00	-4.87	peak			





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Site: 1# Chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: alen #2918

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

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

EUT: Tablet PC

Mode: TX 2452MHz(802.11n40)

Model: Indipad RL14

Manufacturer: Joy

Polarization: Vertical

Power Source: AC 120V/60Hz

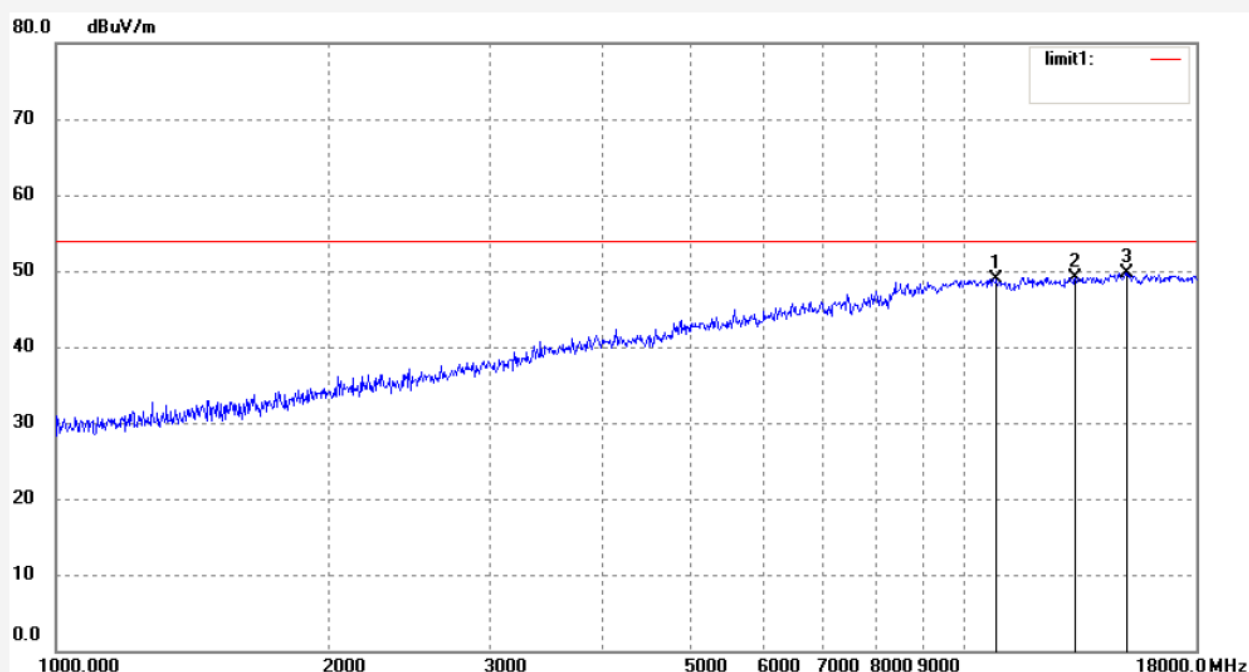
Date: 14/2/11/

Time: 13/52/00

Engineer Signature:

Distance: 3m

Note: Report No:ATE20140097



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	10854.250	43.47	5.41	48.88	54.00	-5.12	peak			
2	13249.931	40.73	8.46	49.19	54.00	-4.81	peak			
3	15090.405	37.93	11.76	49.69	54.00	-4.31	peak			


**ACCURATE TECHNOLOGY CO., LTD.**

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Site: 1# Chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: alen #2917

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

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

EUT: Tablet PC

Mode: TX 2452MHz(802.11n40)

Model: Indipad RL14

Manufacturer: Joy

Polarization: Horizontal

Power Source: AC 120V/60Hz

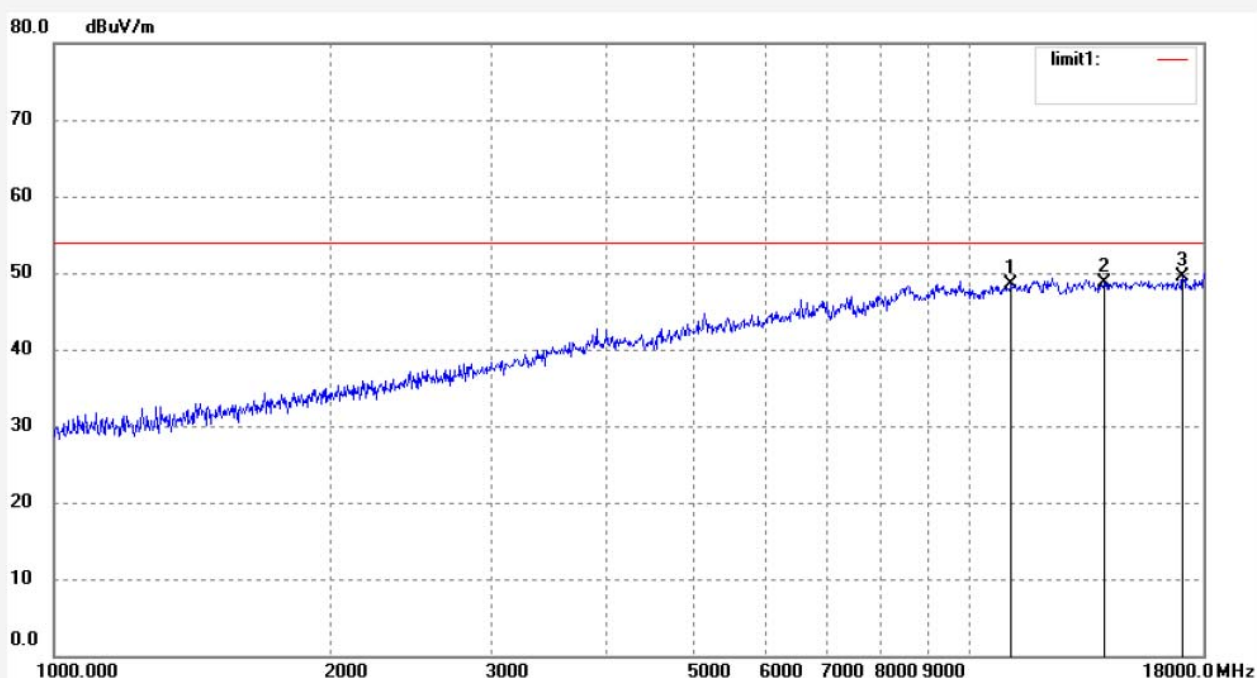
Date: 14/2/11/

Time: 13/51/15

Engineer Signature:

Distance: 3m

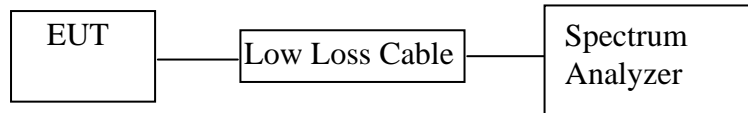
Note: Report No:ATE20140097



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	11108.157	42.96	5.62	48.58	54.00	-5.42	peak			
2	14038.447	38.17	10.61	48.78	54.00	-5.22	peak			
3	17087.464	35.29	14.19	49.48	54.00	-4.52	peak			

## 10.CONDUCTED SPURIOUS EMISSION COMPLIANCE TEST

### 10.1.Block Diagram of Test Setup



### 10.2.The Requirement For Section 15.247(d)

Section 15.247(d): In any 100 kHz bandwidth outside the frequency band in which the spread spectrum or digitally modulated intentional radiator is operating, the radio frequency power that is produced by the intentional radiator shall be at least 20 dB below that in the 100 kHz bandwidth within the band that contains the highest level of the desired power, based on either an RF conducted or a radiated measurement, provided the transmitter demonstrates compliance with the peak conducted power limits. If the transmitter complies with the conducted power limits based on the use of RMS averaging over a time interval, as permitted under paragraph (b)(3) of this section, the attenuation required under this paragraph shall be 30 dB instead of 20 dB. Attenuation below the general limits specified in Section 15.209(a) is not required. In addition, radiated emissions which fall in the restricted bands, as defined in Section 15.205(a), must also comply with the radiated emission limits specified in Section 15.209(a).

### 10.3.EUT Configuration on Measurement

The 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.

### 10.4.Operating Condition of EUT

10.4.1.Setup the EUT and simulator as shown as Section 10.1.

10.4.2.Turn on the power of all equipment.

10.4.3.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.

## 10.5. Test Procedure

10.5.1. The transmitter output was connected to the spectrum analyzer via a low loss cable.

10.5.2. Set RBW of spectrum analyzer to 100kHz and VBW to 300kHz (below 1GHz).

10.5.3. Set RBW of spectrum analyzer to 1MHz and VBW to 3MHz (above 1GHz).

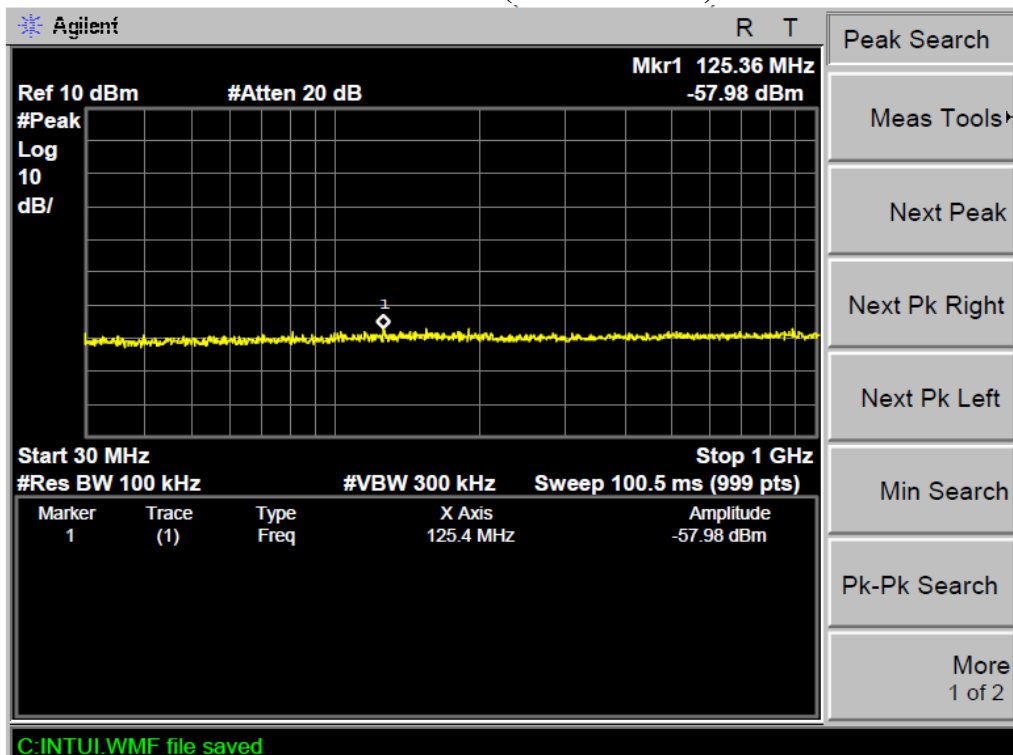
10.5.4. The Conducted Spurious Emission was measured and recorded.

## 10.6. Test Result

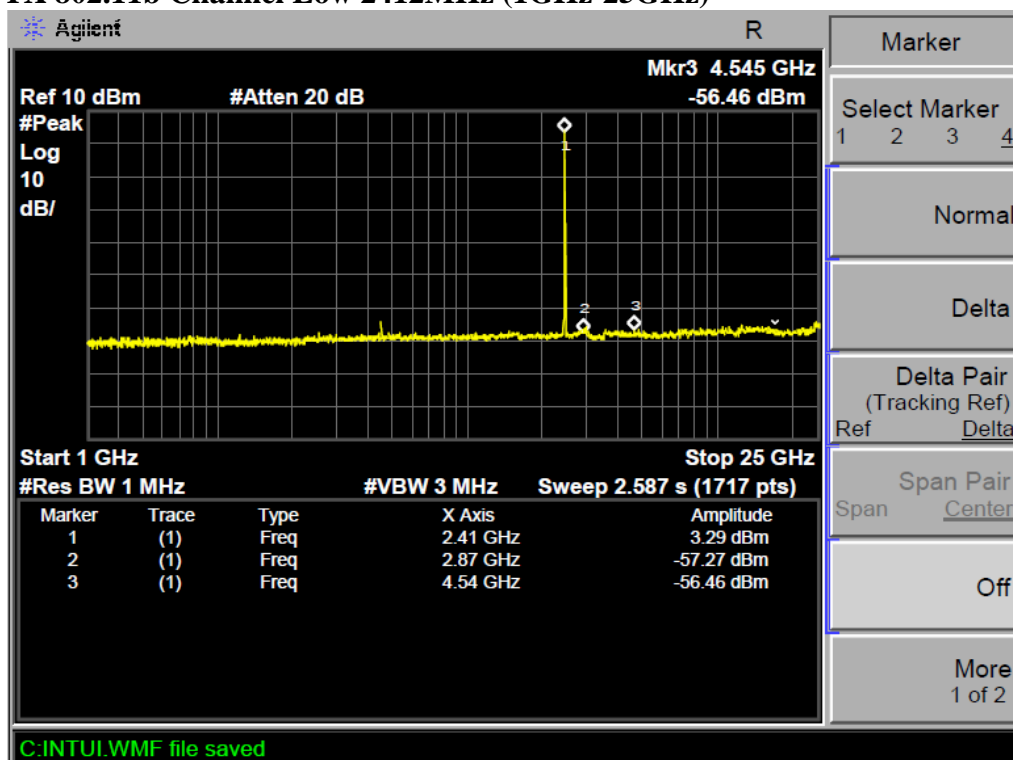
**Pass.**

The spectrum analyzer plots are attached as below.

## TX 802.11b Channel Low 2412MHz (30MHz-1GHz)

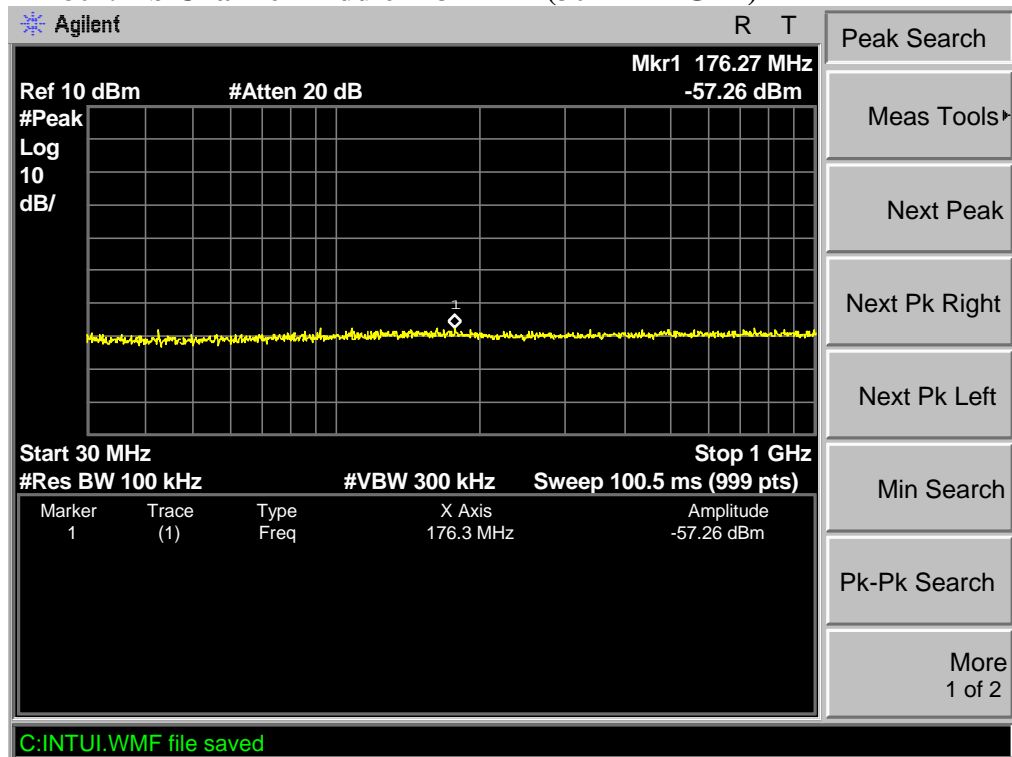


## TX 802.11b Channel Low 2412MHz (1GHz-25GHz)

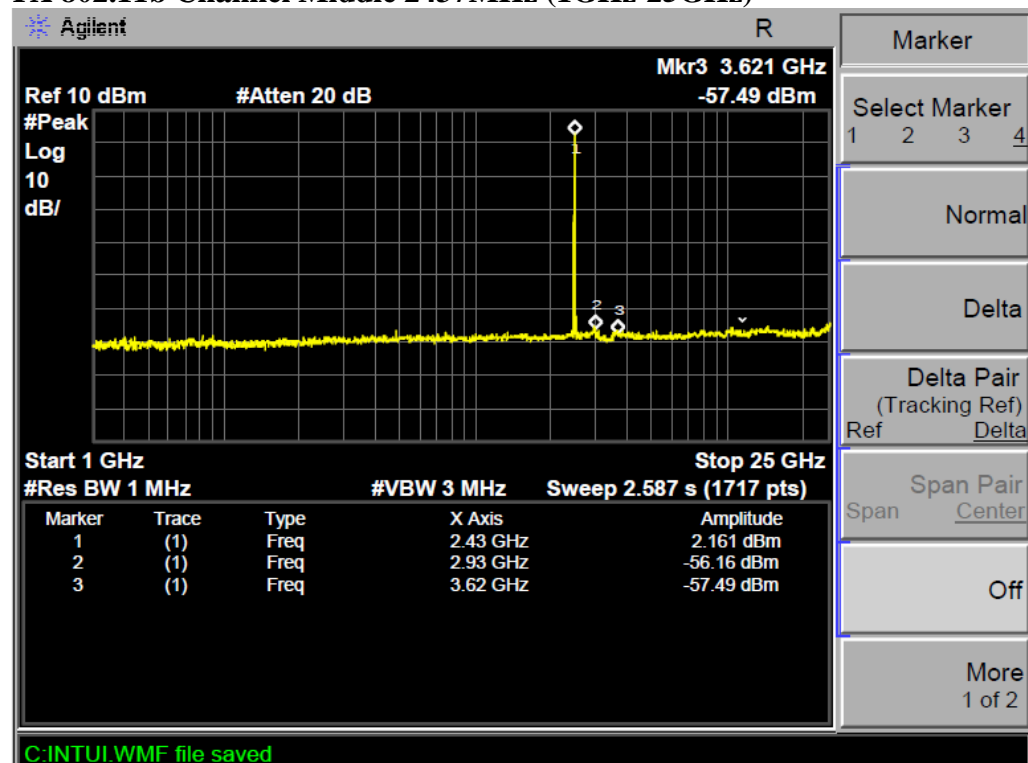




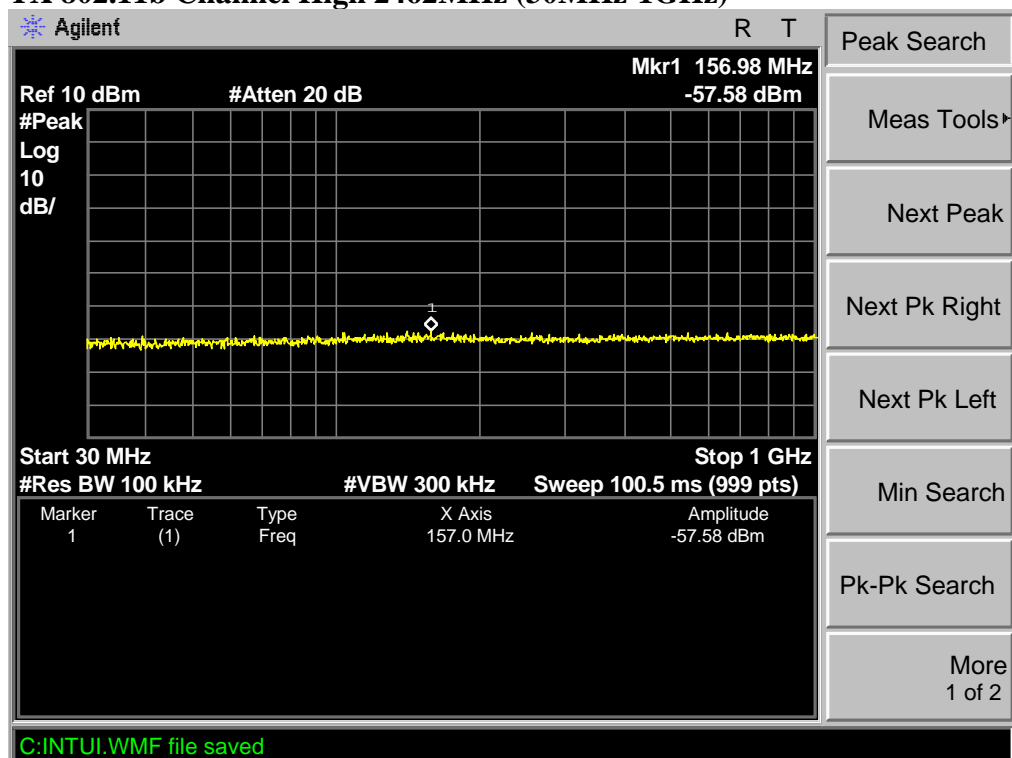
## TX 802.11b Channel Middle 2437MHz (30MHz-1GHz)



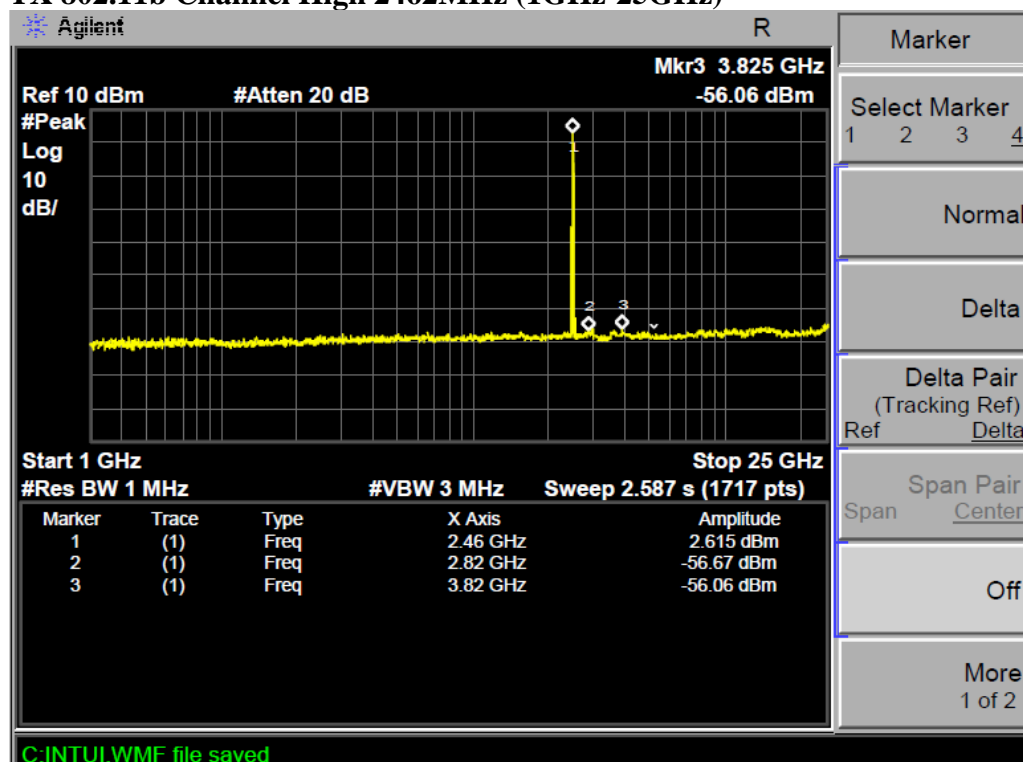
## TX 802.11b Channel Middle 2437MHz (1GHz-25GHz)



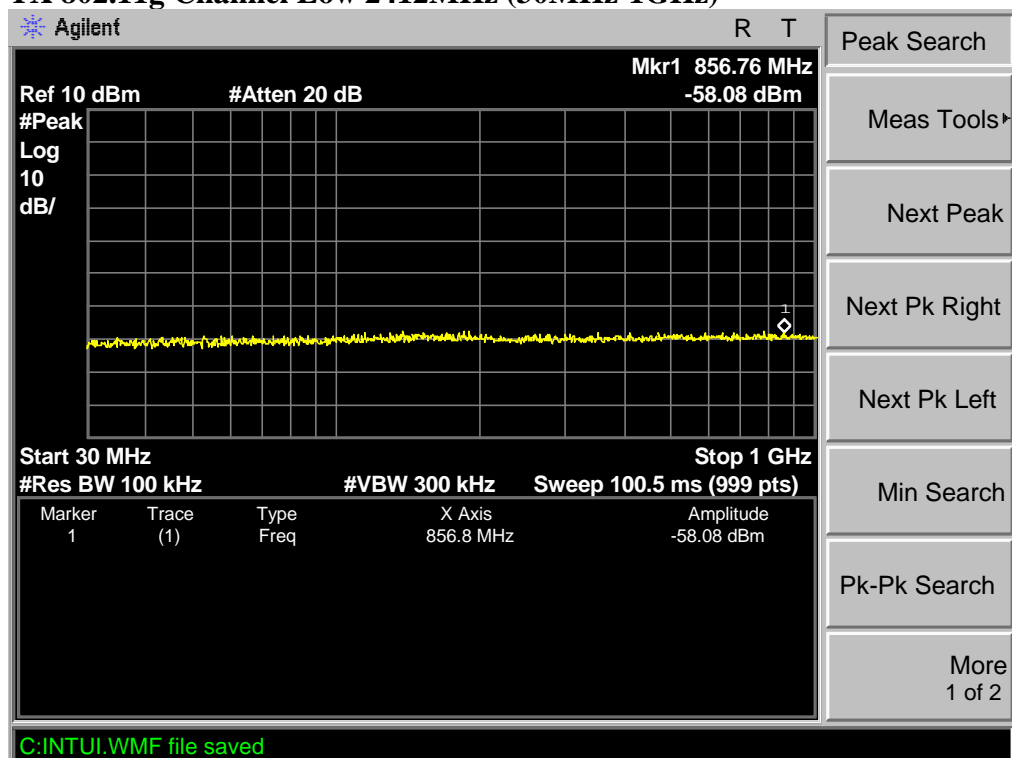
## TX 802.11b Channel High 2462MHz (30MHz-1GHz)



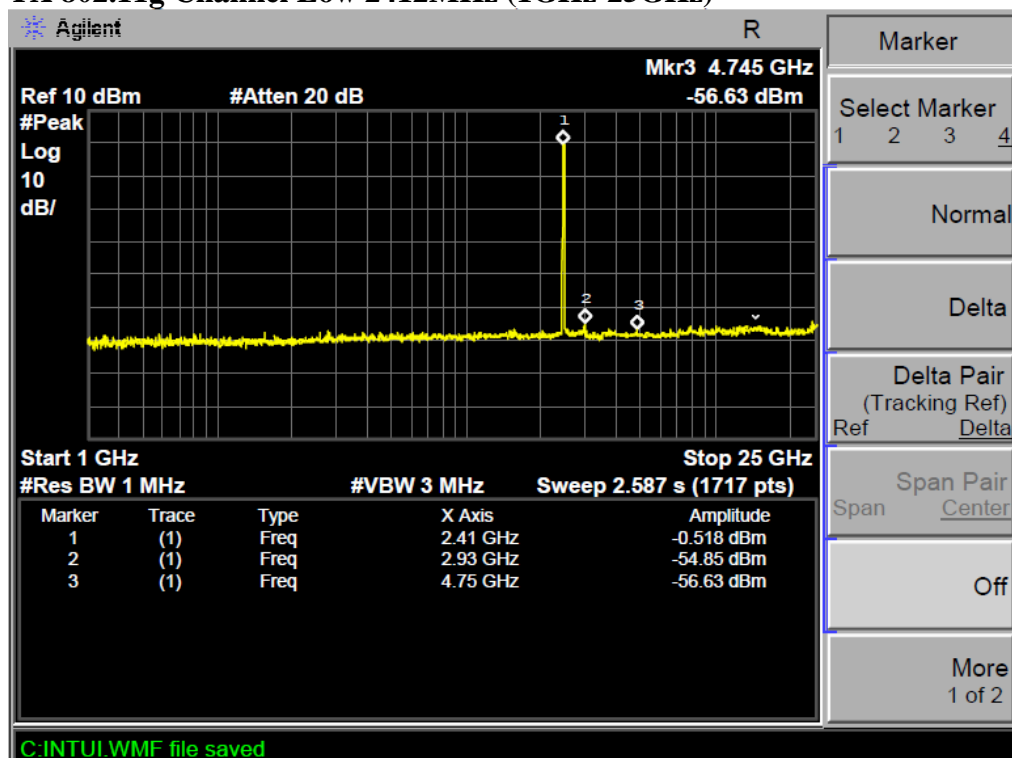
## TX 802.11b Channel High 2462MHz (1GHz-25GHz)



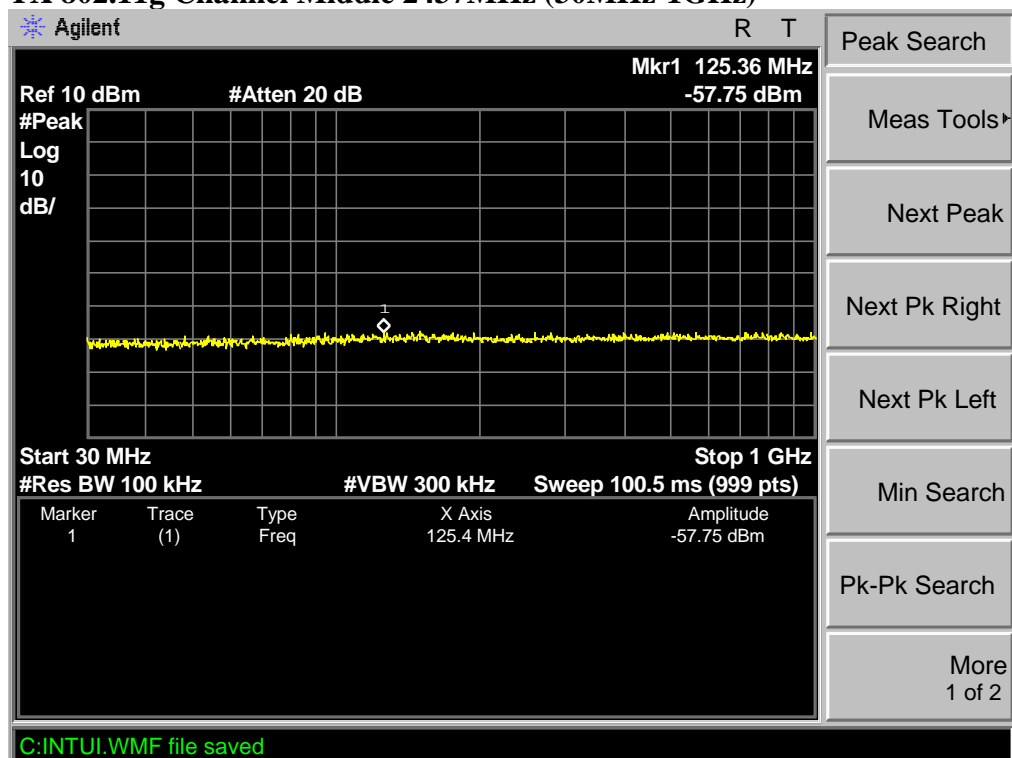
## TX 802.11g Channel Low 2412MHz (30MHz-1GHz)



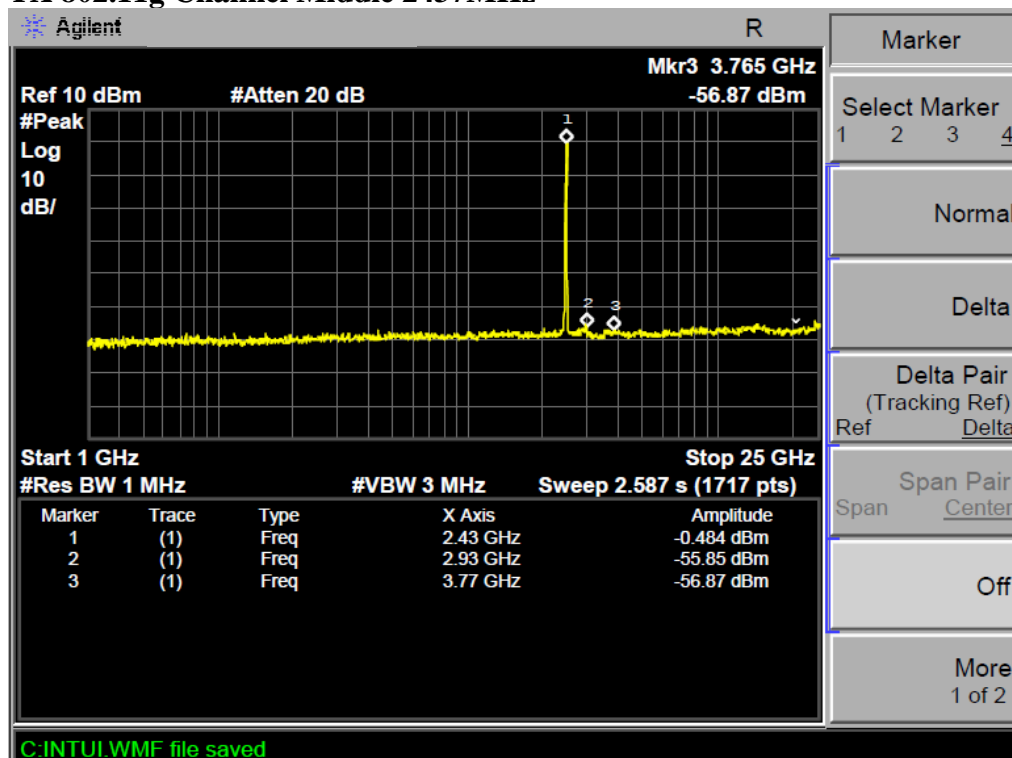
## TX 802.11g Channel Low 2412MHz (1GHz-25GHz)



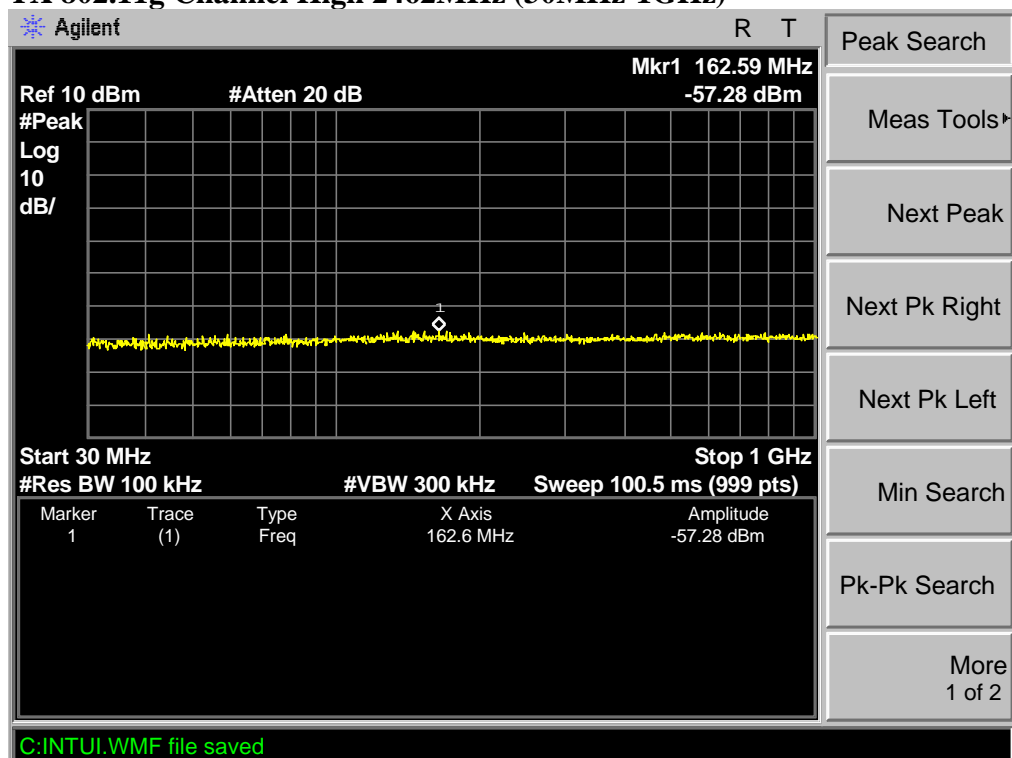
## TX 802.11g Channel Middle 2437MHz (30MHz-1GHz)



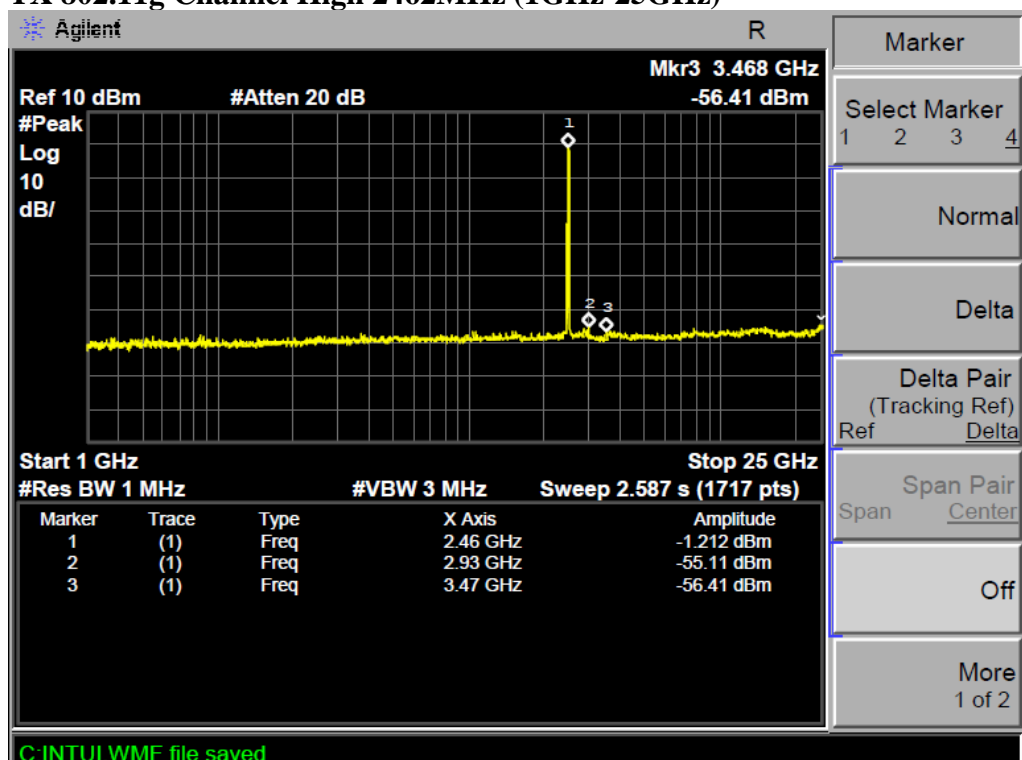
## TX 802.11g Channel Middle 2437MHz



## TX 802.11g Channel High 2462MHz (30MHz-1GHz)

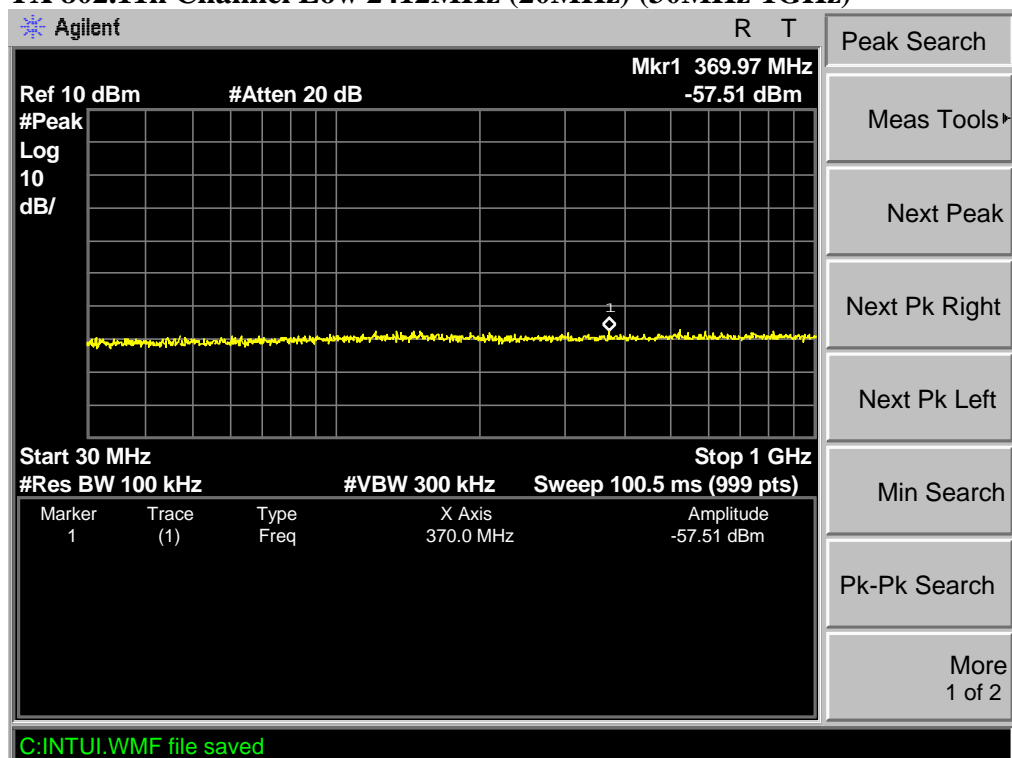


## TX 802.11g Channel High 2462MHz (1GHz-25GHz)

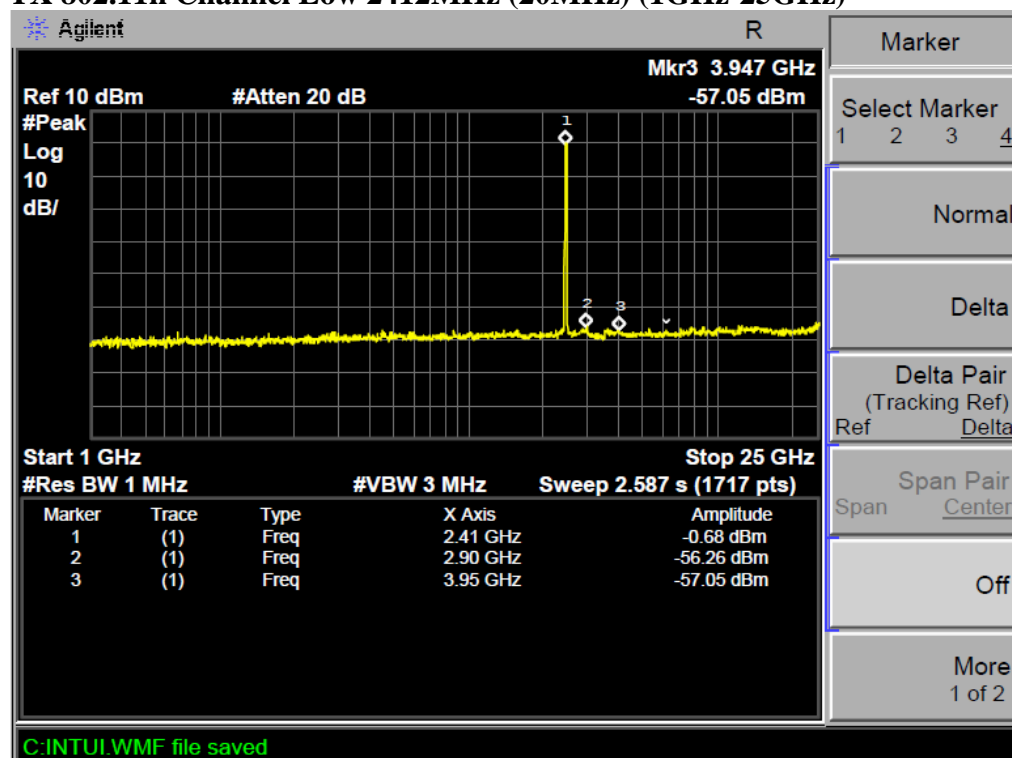




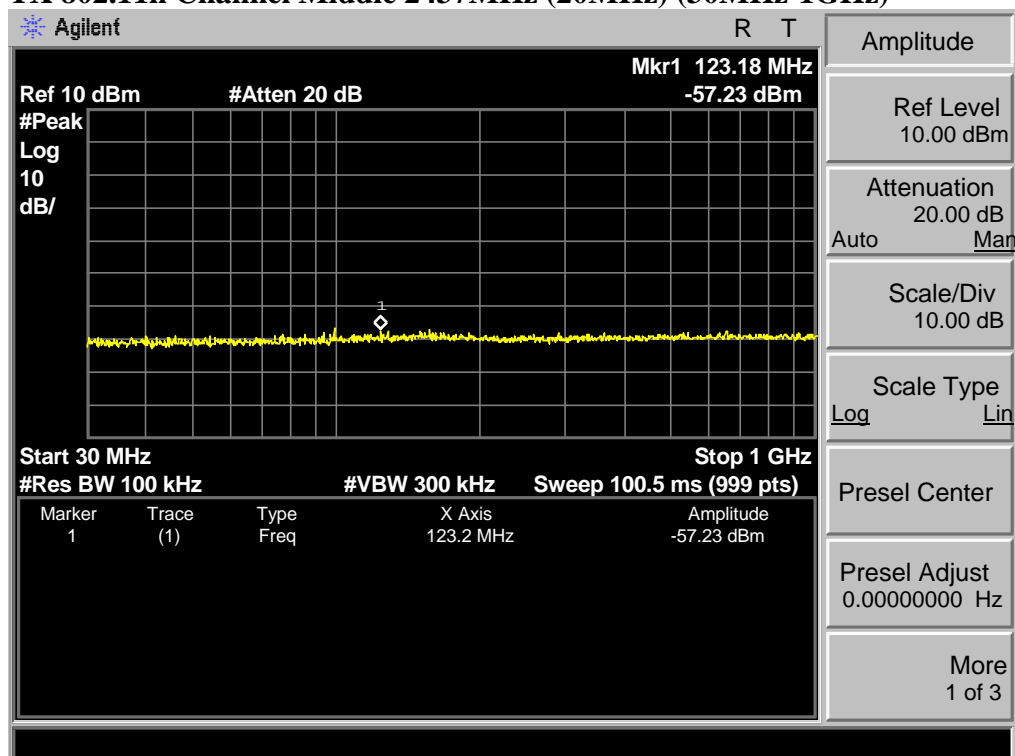
## TX 802.11n Channel Low 2412MHz (20MHz) (30MHz-1GHz)



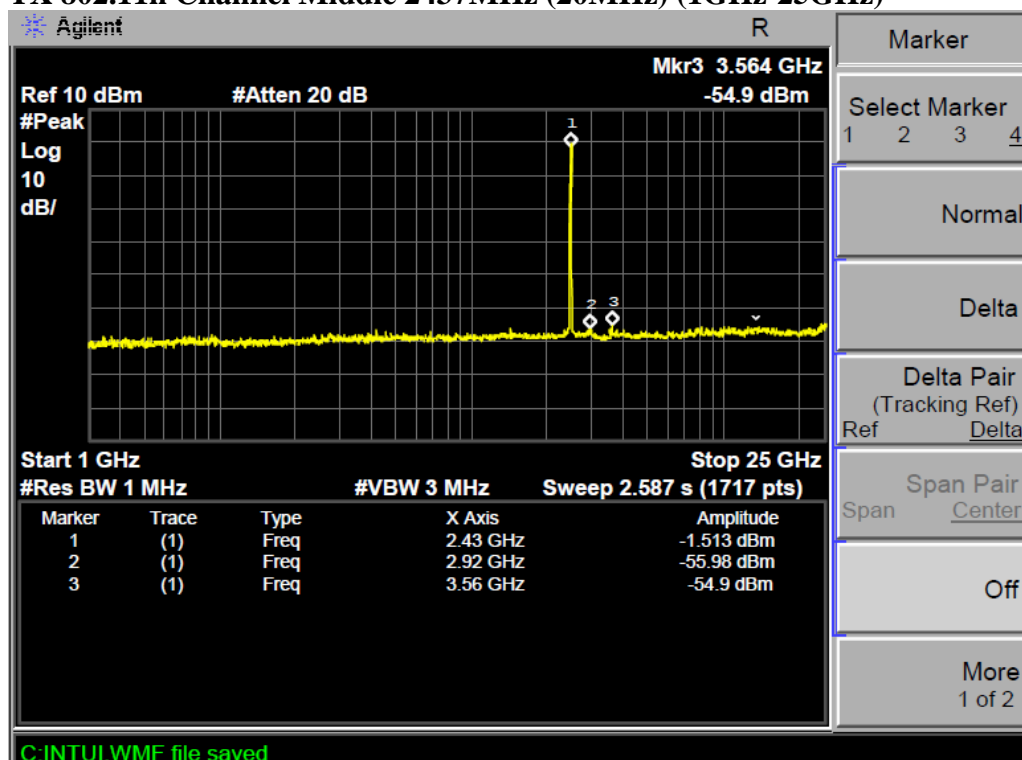
## TX 802.11n Channel Low 2412MHz (20MHz) (1GHz-25GHz)



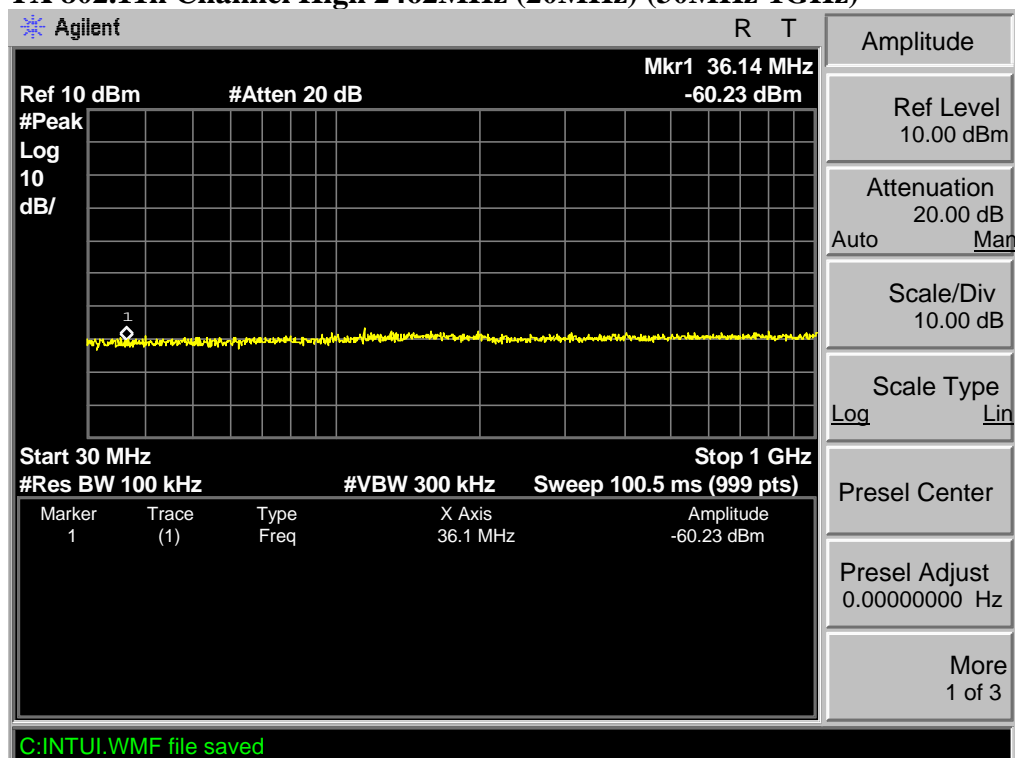
## TX 802.11n Channel Middle 2437MHz (20MHz) (30MHz-1GHz)



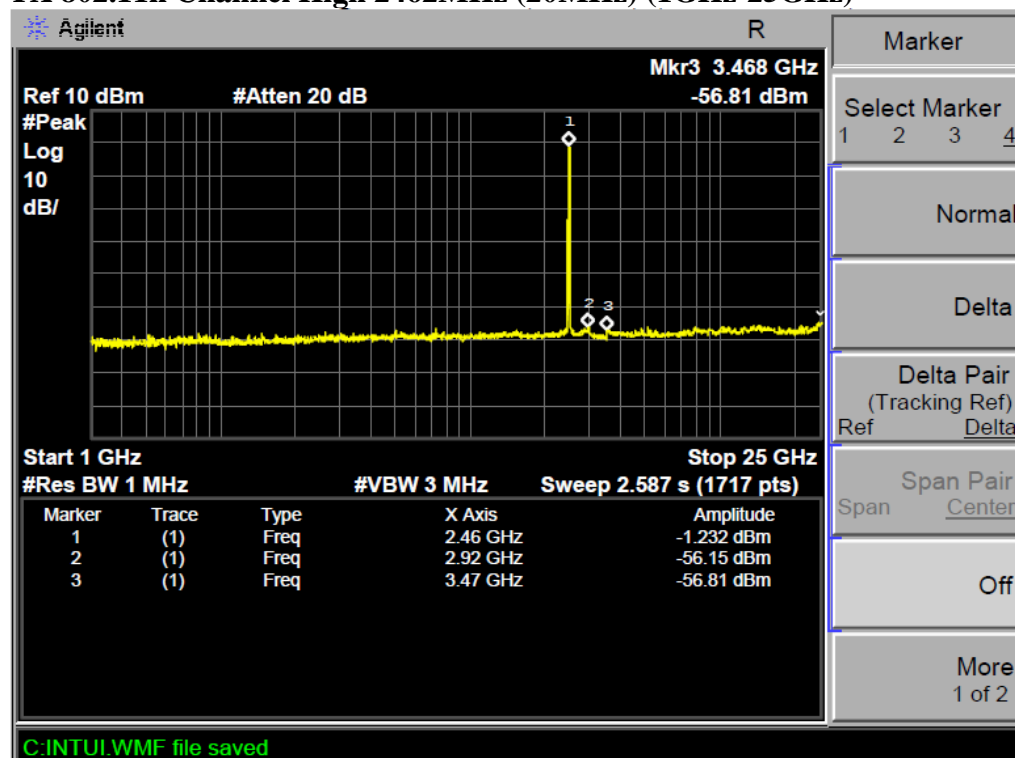
## TX 802.11n Channel Middle 2437MHz (20MHz) (1GHz-25GHz)



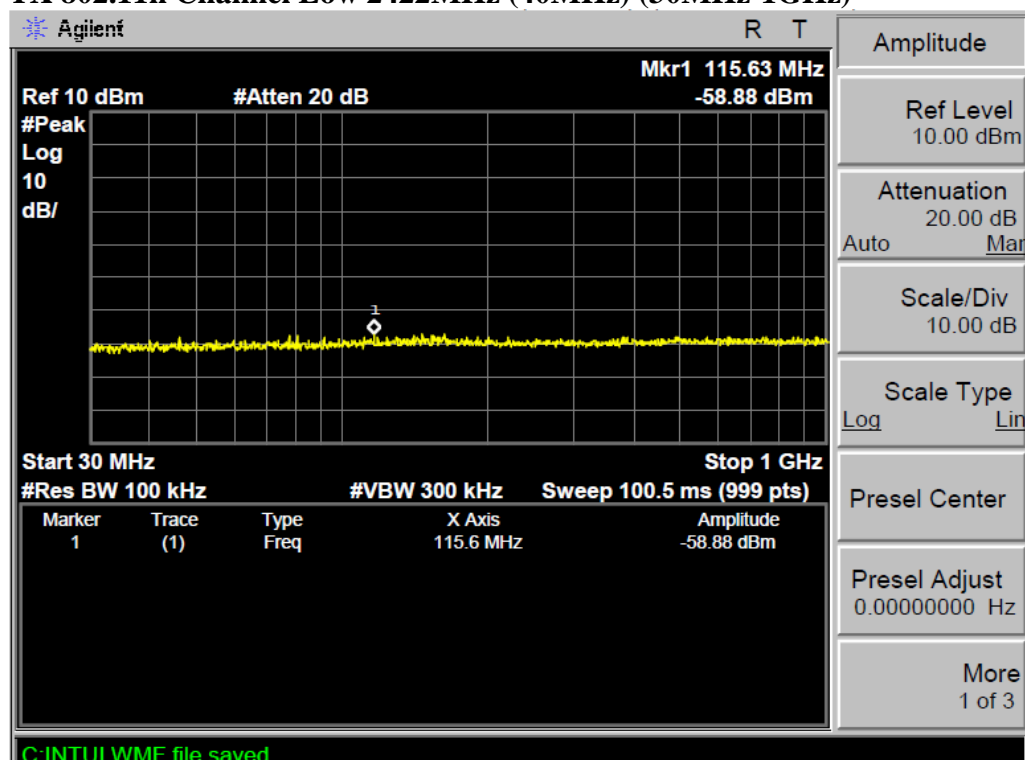
## TX 802.11n Channel High 2462MHz (20MHz) (30MHz-1GHz)



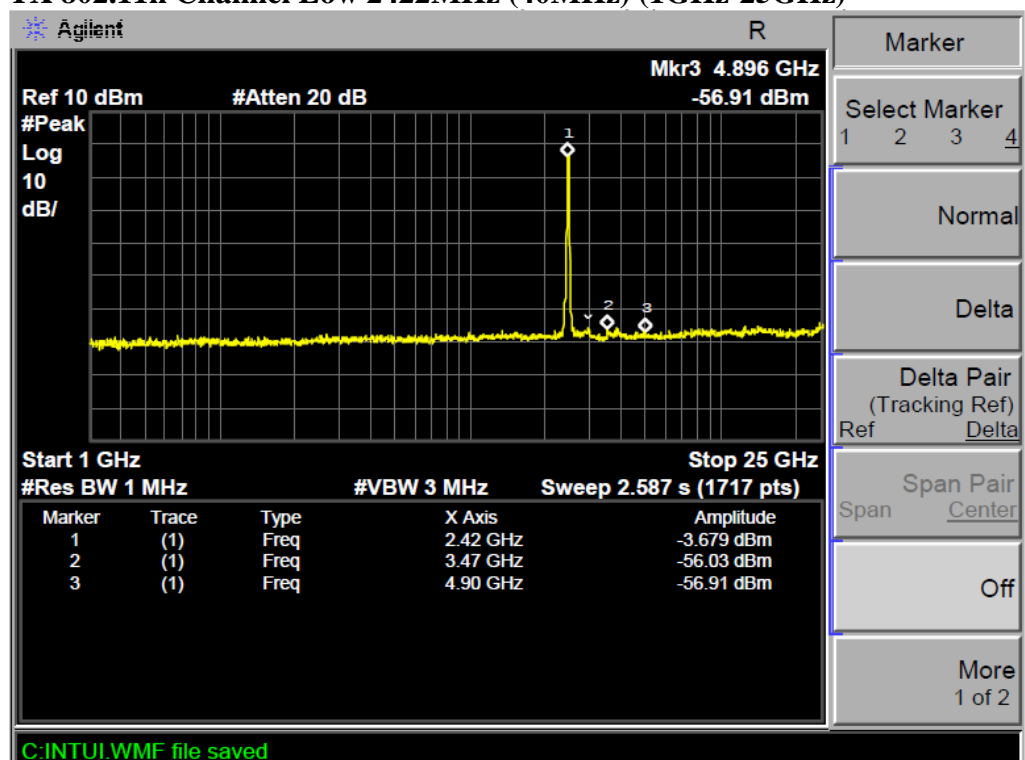
## TX 802.11n Channel High 2462MHz (20MHz) (1GHz-25GHz)



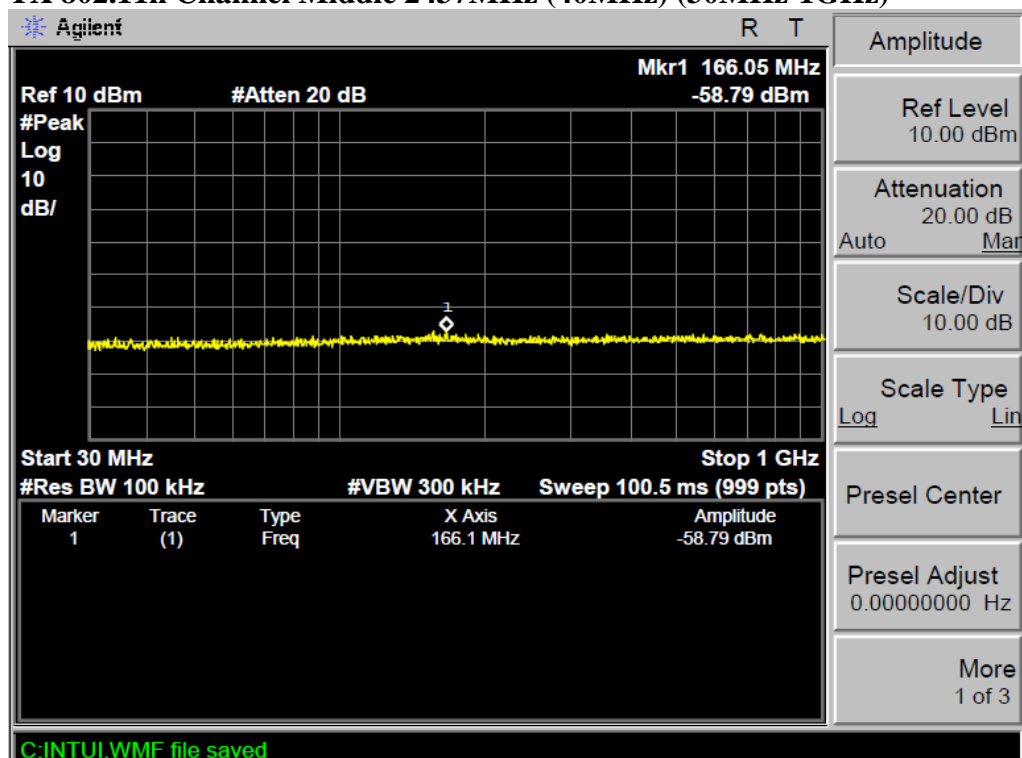
## TX 802.11n Channel Low 2422MHz (40MHz) (30MHz-1GHz)



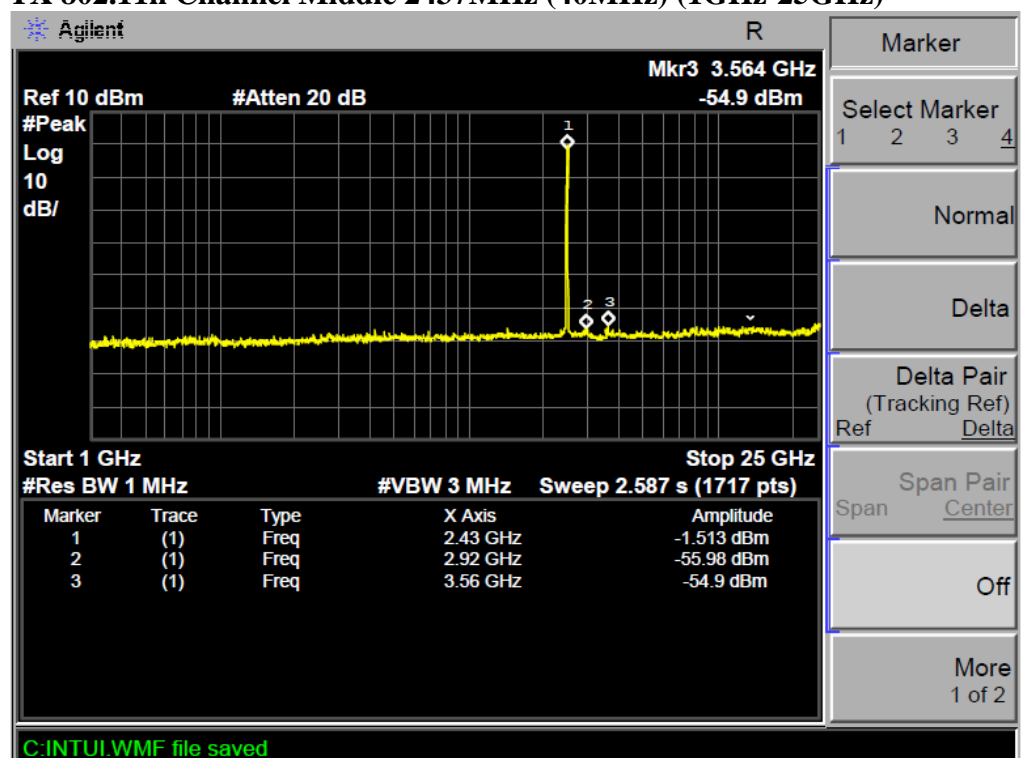
## TX 802.11n Channel Low 2422MHz (40MHz) (1GHz-25GHz)



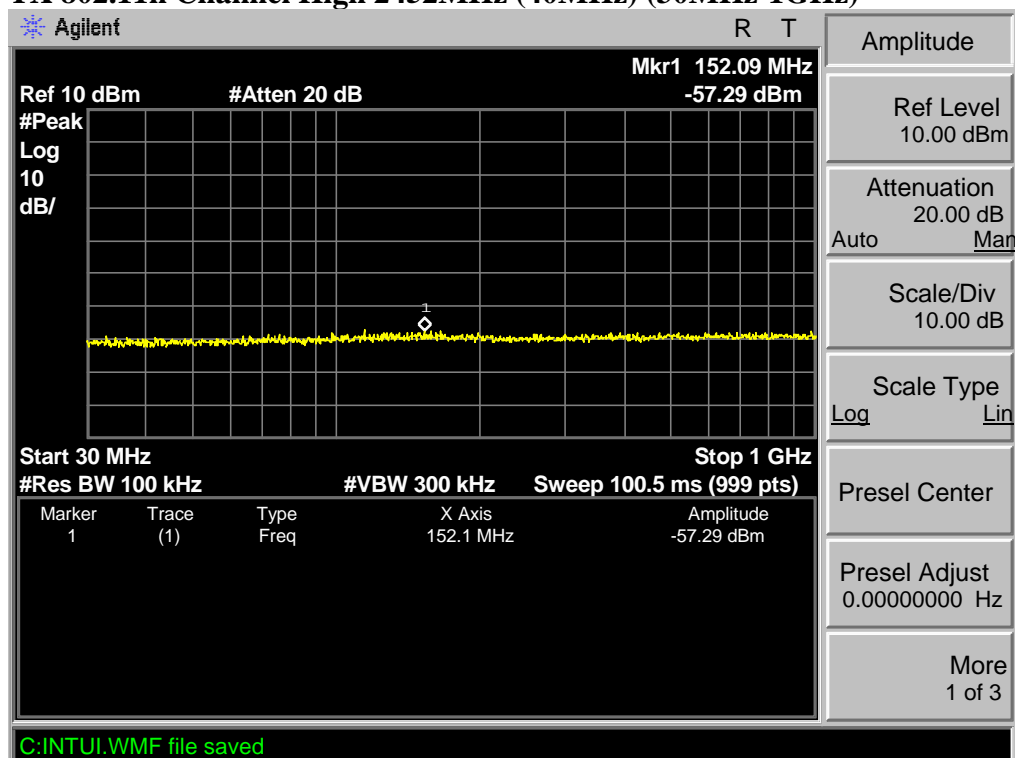
## TX 802.11n Channel Middle 2437MHz (40MHz) (30MHz-1GHz)



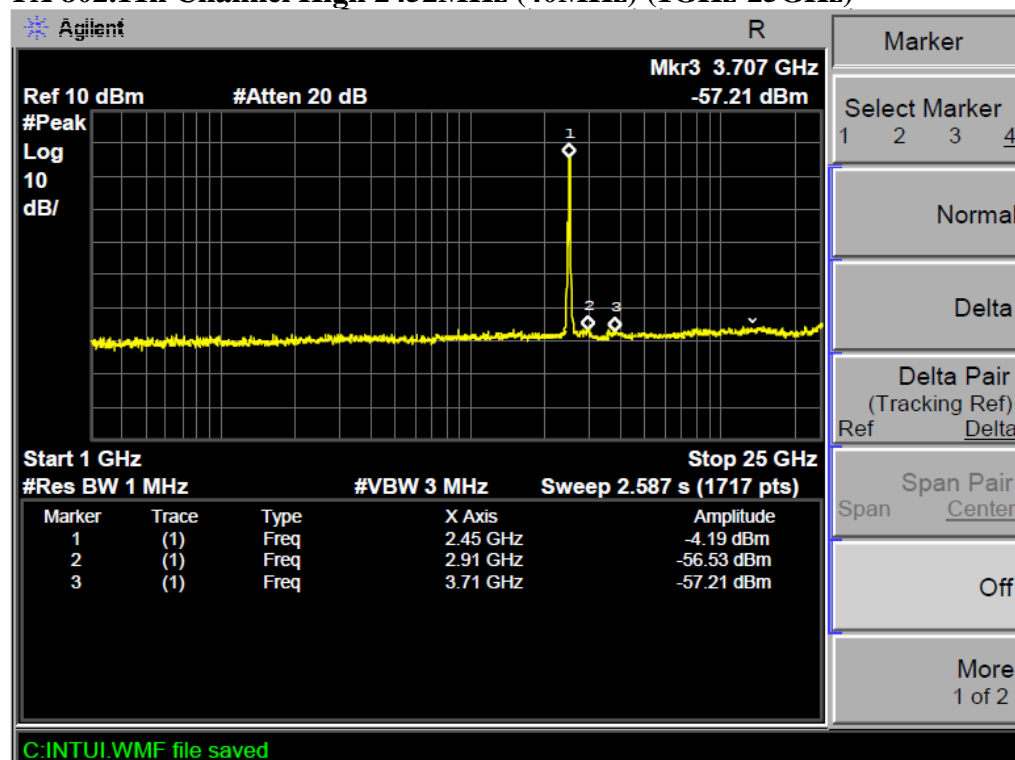
## TX 802.11n Channel Middle 2437MHz (40MHz) (1GHz-25GHz)



## TX 802.11n Channel High 2452MHz (40MHz) (30MHz-1GHz)



## TX 802.11n Channel High 2452MHz (40MHz) (1GHz-25GHz)

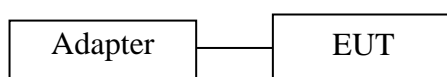




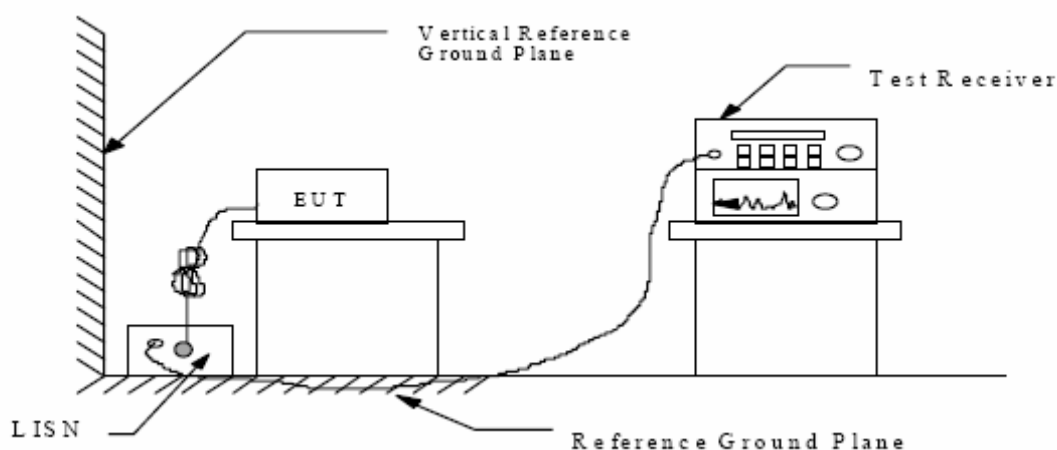
## 11.AC POWER LINE CONDUCTED EMISSION FOR FCC PART 15 SECTION 15.207(A)

### 11.1.Block Diagram of Test Setup

#### 11.1.1.Block diagram of connection between the EUT and simulators



#### 11.1.2.Shielding Room Test Setup Diagram



### 11.2.The Emission Limit

#### 11.2.1.Conducted Emission Measurement Limits According to Section 15.207(a)

Frequency (MHz)	Limit dB(μV)	
	Quasi-peak Level	Average Level
0.15 - 0.50	66.0 – 56.0 *	56.0 – 46.0 *
0.50 - 5.00	56.0	46.0
5.00 - 30.00	60.0	50.0

\* Decreases with the logarithm of the frequency.

### 11.3.Configuration of EUT on Measurement

The equipment are installed on the Conducted Emission Measurement to meet the commission requirements and operating regulations in a manner which tends to maximize its emission characteristics in normal application.

### 11.4.Operating Condition of EUT

11.4.1.Setup the EUT and simulator as shown as Section 11.1.

11.4.2.Turn on the power of all equipment.

11.4.3.Let the EUT work in (Charging) mode measure it.

### 11.5.Test Procedure

The EUT is put on the plane 0.8m high above the ground by insulating support and is connected to the power mains through a line impedance stabilization network (L.I.S.N.). This provides a 50ohm coupling impedance for the EUT system. Please refer the block diagram of the test setup and photographs. Both sides of AC lines are checked to find out the maximum conducted emission. In order to find the maximum emission levels, the relative positions of equipment and all of the interface cables shall be changed according to ANSI C63.4: 2009 on Conducted Emission Measurement.

The bandwidth of test receiver (R & S ESCS30) is set at 9kHz.

The frequency range from 150kHz to 30MHz is checked.

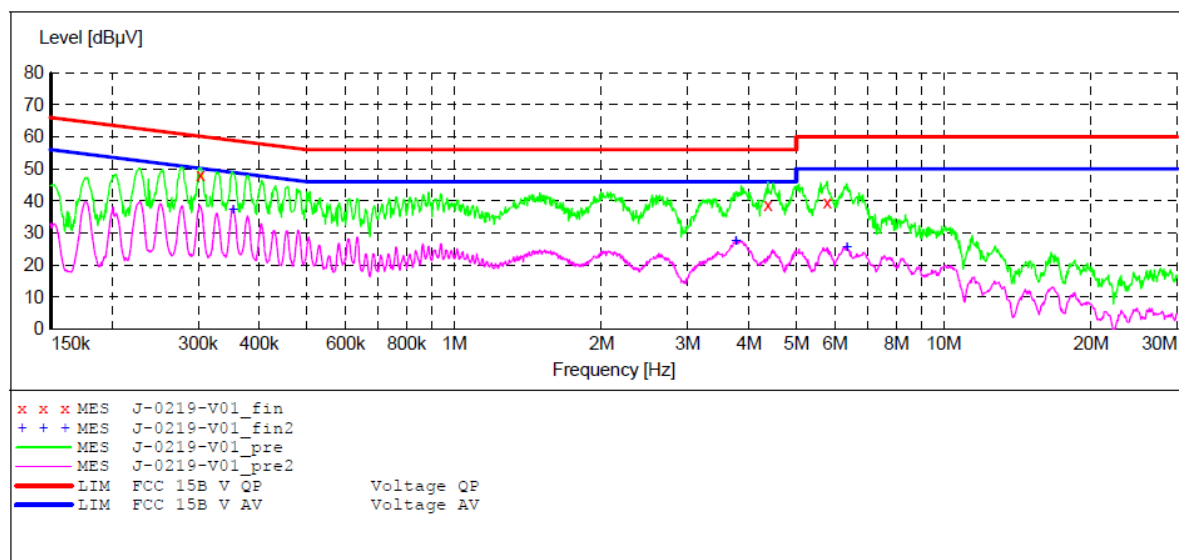
### 11.6.Power Line Conducted Emission Measurement Results

**ACCURATE TECHNOLOGY CO.,LTD****CONDUCTED EMISSION STANDARD FCC PART 15B**

EUT: Tablet PC M/N:Indipad RL14  
 Manufacturer: Joy  
 Operating Condition: WiFi/Charging  
 Test Site: 2#Shielding Room  
 Operator: Alen  
 Test Specification: N 120V/60Hz  
 Comment: Report No:ATE20140097  
 Start of Test: 2014-2-19 / 15:51:57

**SCAN TABLE: "V 150K-30MHz fin"**

Short Description: \_SUB\_STD\_VTERM2 1.70  
 Start Stop Step Detector Meas. IF Transducer  
 Frequency Frequency Width Time Bandw.  
 150.0 kHz 30.0 MHz 0.4 % QuasiPeak 1.0 s 9 kHz LISN (ESH3-Z5)  
 Average

**MEASUREMENT RESULT: "J-0219-V01\_fin"**

2014-2-19 15:53

Frequency MHz	Level dBμV	Transd dB	Limit dBμV	Margin dB	Detector	Line	PE
0.303257	48.00	11.6	60	12.2	QP	N	GND
4.374635	38.60	12.2	56	17.4	QP	N	GND
5.780010	39.60	12.2	60	20.4	QP	N	GND

**MEASUREMENT RESULT: "J-0219-V01\_fin2"**

2014-2-19 15:53

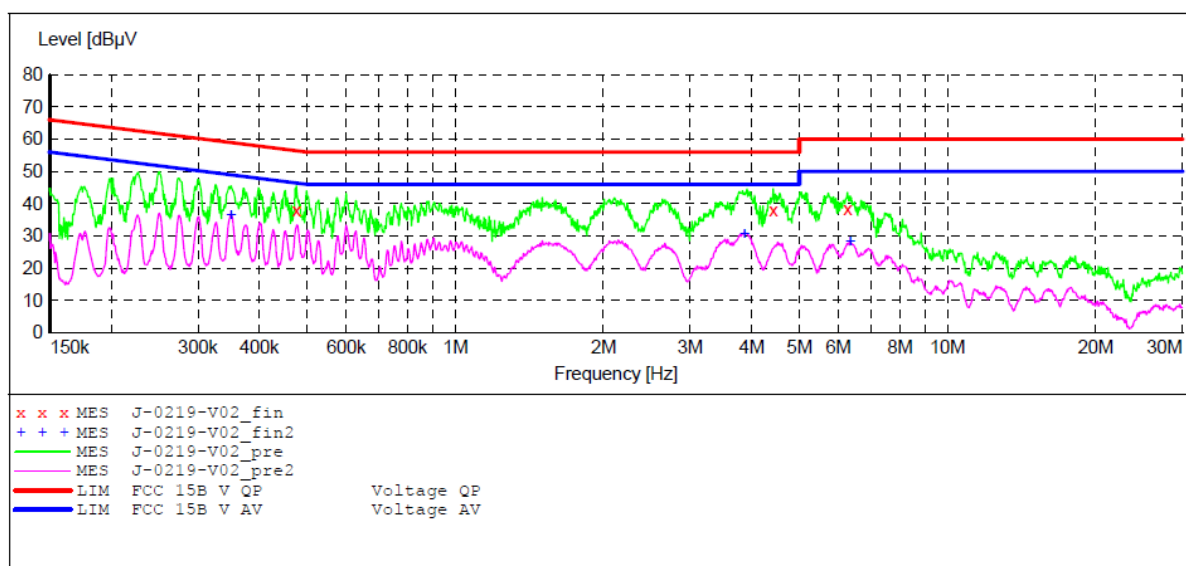
Frequency MHz	Level dBμV	Transd dB	Limit dBμV	Margin dB	Detector	Line	PE
0.353312	37.10	11.9	49	11.8	AV	N	GND
3.766129	27.30	12.3	46	18.7	AV	N	GND
6.342457	25.40	12.2	50	24.6	AV	N	GND

**ACCURATE TECHNOLOGY CO., LTD****CONDUCTED EMISSION STANDARD FCC PART 15B**

EUT: Tablet PC M/N:Indipad RL14  
 Manufacturer: Joy  
 Operating Condition: WiFi/Charging  
 Test Site: 2#Shielding Room  
 Operator: Alen  
 Test Specification: L 120V/60Hz  
 Comment: Report No:ATE20140097  
 Start of Test: 2014-2-19 / 15:54:20

**SCAN TABLE: "V 150K-30MHz fin"**

Short Description: \_SUB\_STD\_VTERM2 1.70  
 Start Stop Step Detector Meas. IF Transducer  
 Frequency Frequency Width Time Bandw.  
 150.0 kHz 30.0 MHz 0.4 % QuasiPeak 1.0 s 9 kHz LISN (ESH3-Z5)  
 Average

**MEASUREMENT RESULT: "J-0219-V02\_fin"**

2014-2-19 15:55

Frequency MHz	Level dBμV	Transd dB	Limit dBμV	Margin dB	Detector	Line	PE
0.475281	37.90	12.4	56	18.5	QP	L1	GND
4.427367	38.10	12.2	56	17.9	QP	L1	GND
6.266915	38.30	12.2	60	21.7	QP	L1	GND

**MEASUREMENT RESULT: "J-0219-V02\_fin2"**

2014-2-19 15:55

Frequency MHz	Level dBμV	Transd dB	Limit dBμV	Margin dB	Detector	Line	PE
0.350151	36.40	11.9	49	12.6	AV	L1	GND
3.869043	30.60	12.2	46	15.4	AV	L1	GND
6.342457	28.10	12.2	50	21.9	AV	L1	GND

## 12.ANTENNA REQUIREMENT

### 12.1.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.

### 12.2.Antenna Construction

Device is equipped with unique antenna, which isn't displaced by other antenna. Therefore, the equipment complies with the antenna requirement of Section 15.203.

