


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.: ricky #383

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

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

EUT: MID

Mode: TX802.11B (CH1)

Model: M760

Manufacturer: Sungworld

Polarization: Horizontal

Power Source: AC 120V/60Hz

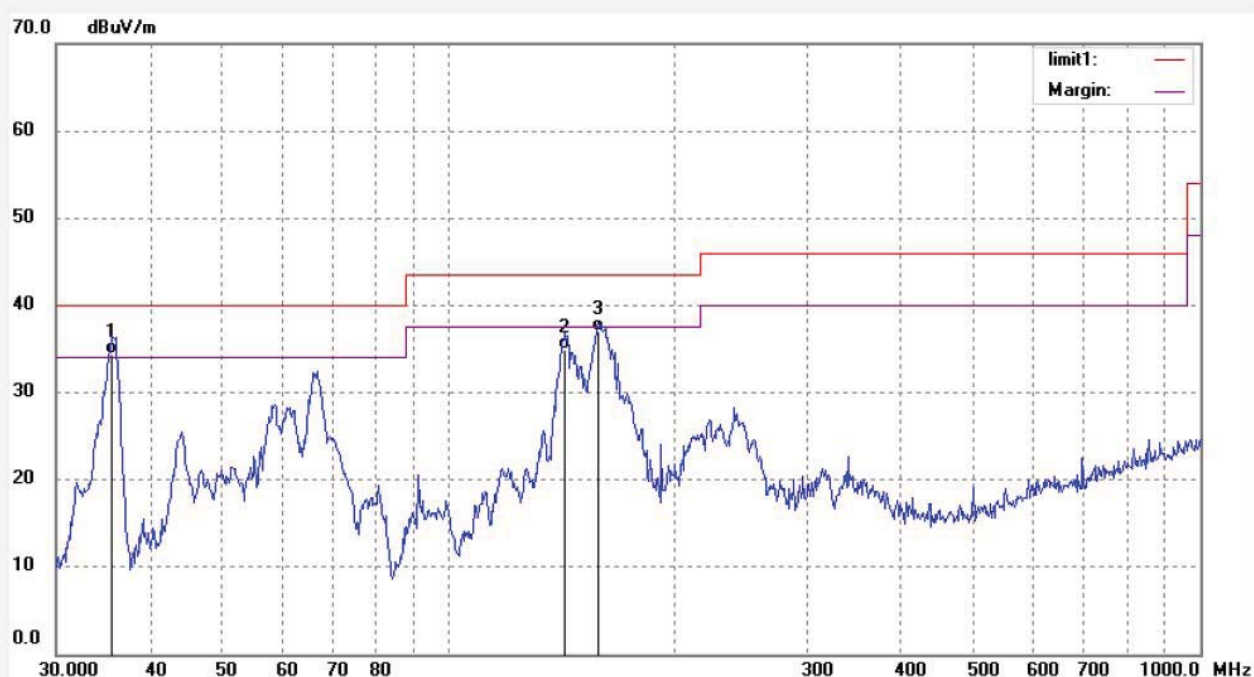
Date: 14/02/21/

Time: 9/21/21

Engineer Signature: Ricky

Distance: 3m

Note: Report No.:ATE20140130



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	35.6240	53.99	-19.57	34.42	40.00	-5.58	QP			
2	142.8243	58.49	-23.60	34.89	43.50	-8.61	QP			
3	158.1123	60.01	-23.05	36.96	43.50	-6.54	QP			

Above 1G

**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.: ricky #445

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

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

EUT: MID

Mode: TX802.11B(CH1)

Model: M760

Manufacturer: Sungworld

Polarization: Horizontal

Power Source: AC 120V/60Hz

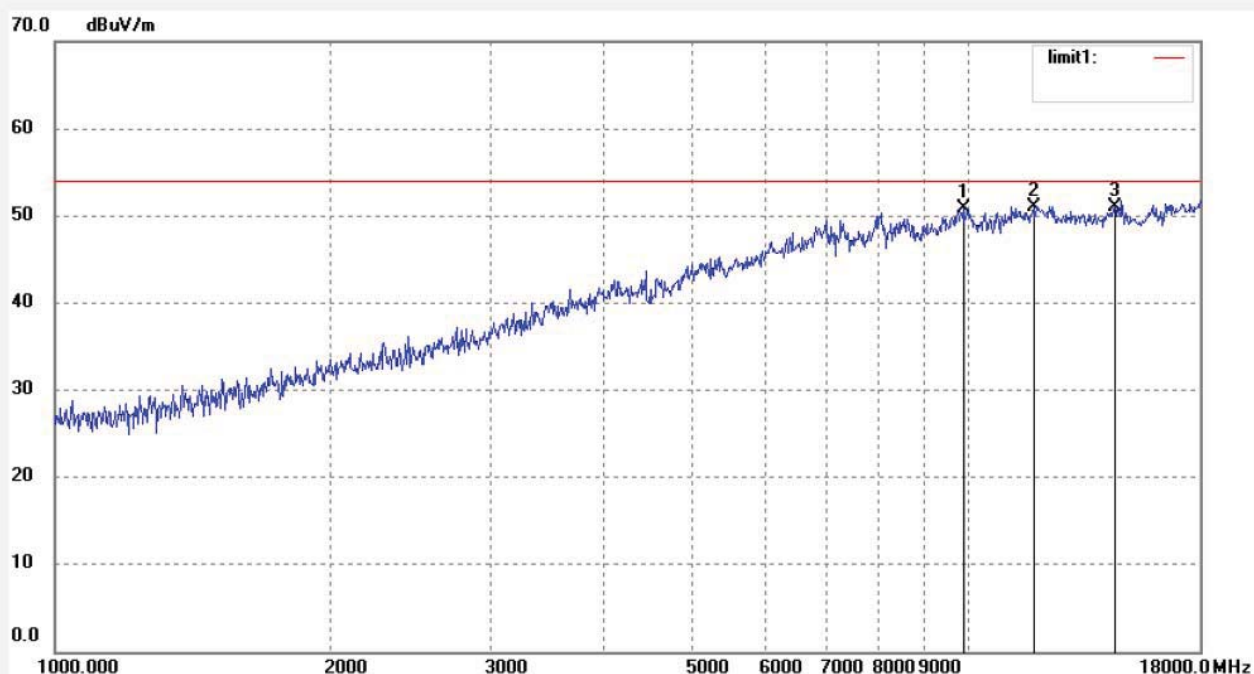
Date: 14/02/22/

Time: 9/39/55

Engineer Signature: Ricky

Distance: 3m

Note: Report No.: ATE20140130



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	9912.157	39.83	11.00	50.83	54.00	-3.17	peak			
2	11827.507	37.92	13.16	51.08	54.00	-2.92	peak			
3	14527.677	0.66	50.39	51.05	54.00	-2.95	peak			



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Site: 1# Chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: ricky #444

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

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

EUT: MID

Mode: TX802.11B(CH1)

Model: M760

Manufacturer: Sungworld

Polarization: Vertical

Power Source: AC 120V/60Hz

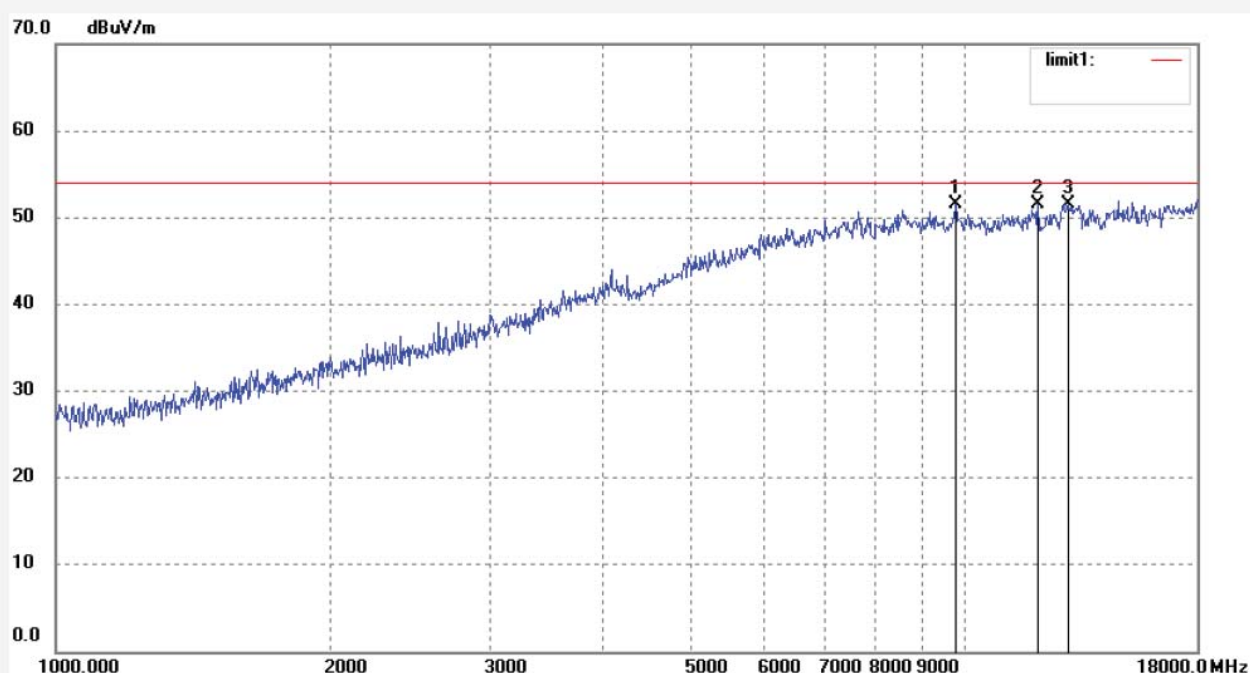
Date: 14/02/22/

Time: 9/37/31

Engineer Signature: Ricky

Distance: 3m

Note: Report No.: ATE20140130



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	9769.655	40.77	10.83	51.60	54.00	-2.40	peak			
2	12034.830	39.74	11.84	51.58	54.00	-2.42	peak			
3	12976.048	5.45	46.16	51.61	54.00	-2.39	peak			



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Site: 1# Chamber

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Fax:+86-0755-26503396

Job No.: ricky #443

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

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

EUT: MID

Mode: TX802.11B(CH6)

Model: M760

Manufacturer: Sungworld

Polarization: Vertical

Power Source: AC 120V/60Hz

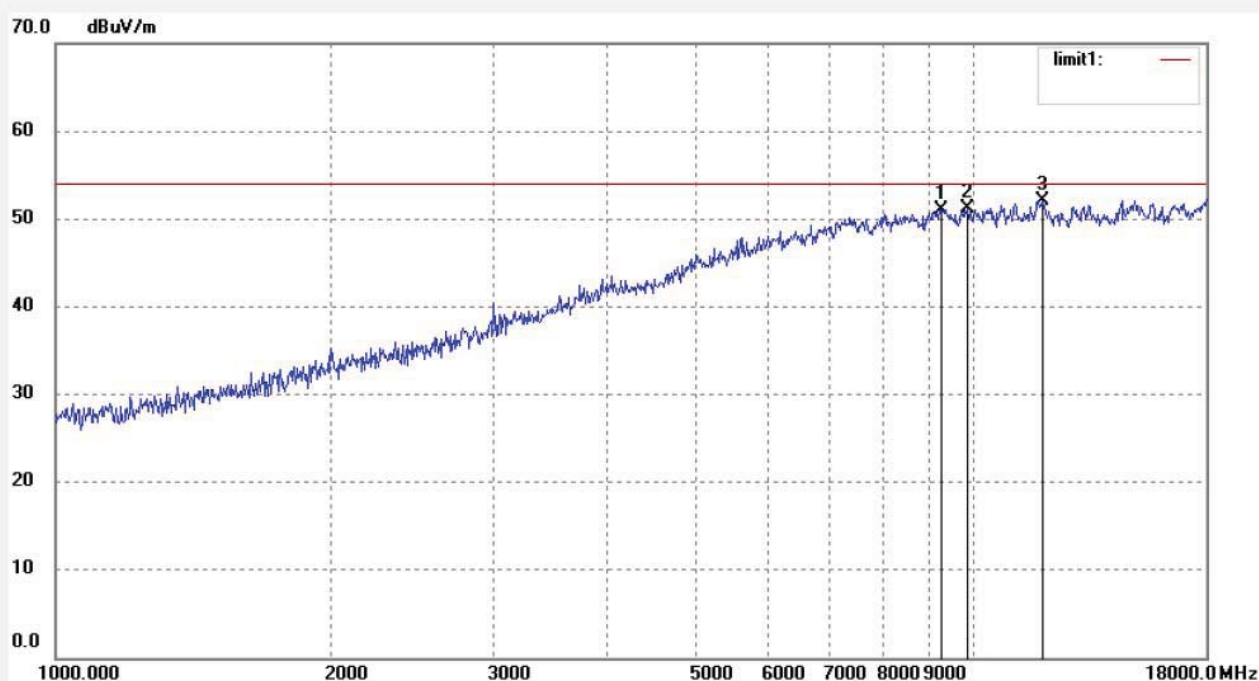
Date: 14/02/22/

Time: 9/35/15

Engineer Signature: Ricky

Distance: 3m

Note: Report No.:ATE20140130



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	9273.401	41.40	9.70	51.10	54.00	-2.90	peak			
2	9883.491	40.18	10.97	51.15	54.00	-2.85	peak			
3	11930.719	39.69	12.40	52.09	54.00	-1.91	peak			



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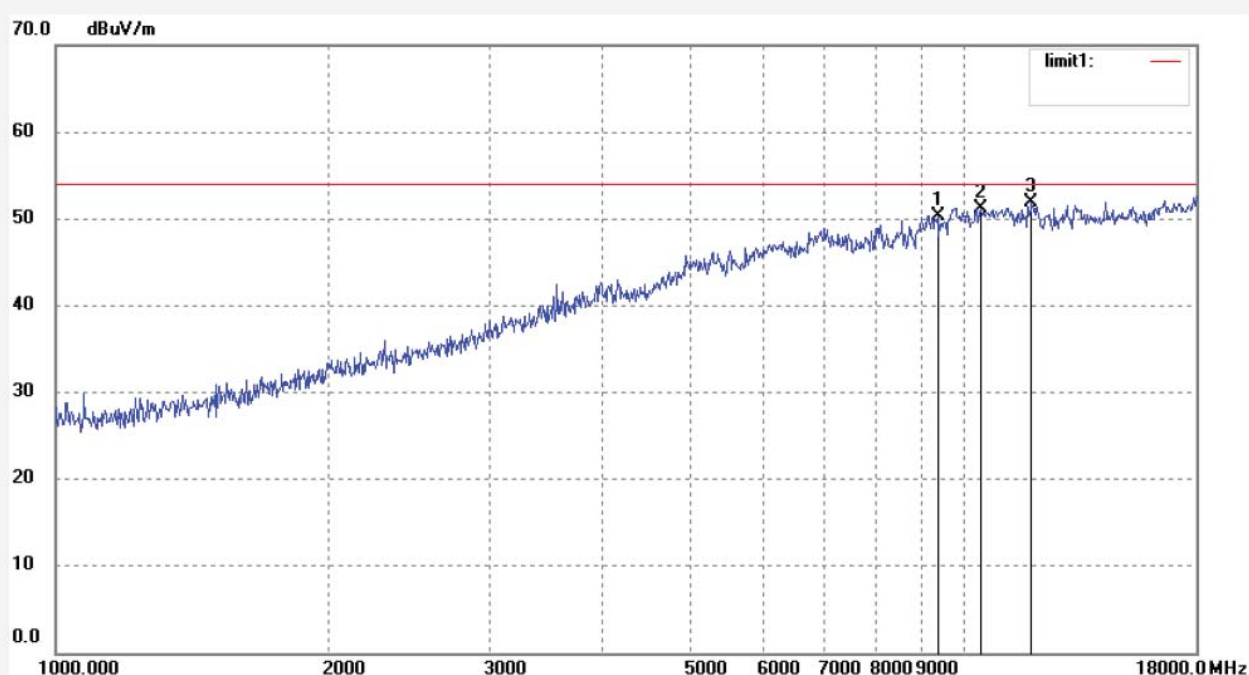
F1,Bldg,A,Changyuan New Material Port Keyuan Rd,
Science & Industry Park,Nanshan Shenzhen,P.R.China

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

Job No.: ricky #442
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 25 C / 55 %
EUT: MID
Mode: TX802.11B(CH6)
Model: M760
Manufacturer: Sungworld

Polarization: Horizontal
Power Source: AC 120V/60Hz
Date: 14/02/22/
Time: 9/32/41
Engineer Signature: Ricky
Distance: 3m

Note: Report No.:ATE20140130



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	9354.324	40.16	10.19	50.35	54.00	-3.65	peak			
2	10442.593	41.12	10.05	51.17	54.00	-2.83	peak			
3	11861.812	38.93	12.92	51.85	54.00	-2.15	peak			



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Site: 1# Chamber

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Job No.: ricky #441

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

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

EUT: MID

Mode: TX802.11B(CH11)

Model: M760

Manufacturer: Sungworld

Polarization: Horizontal

Power Source: AC 120V/60Hz

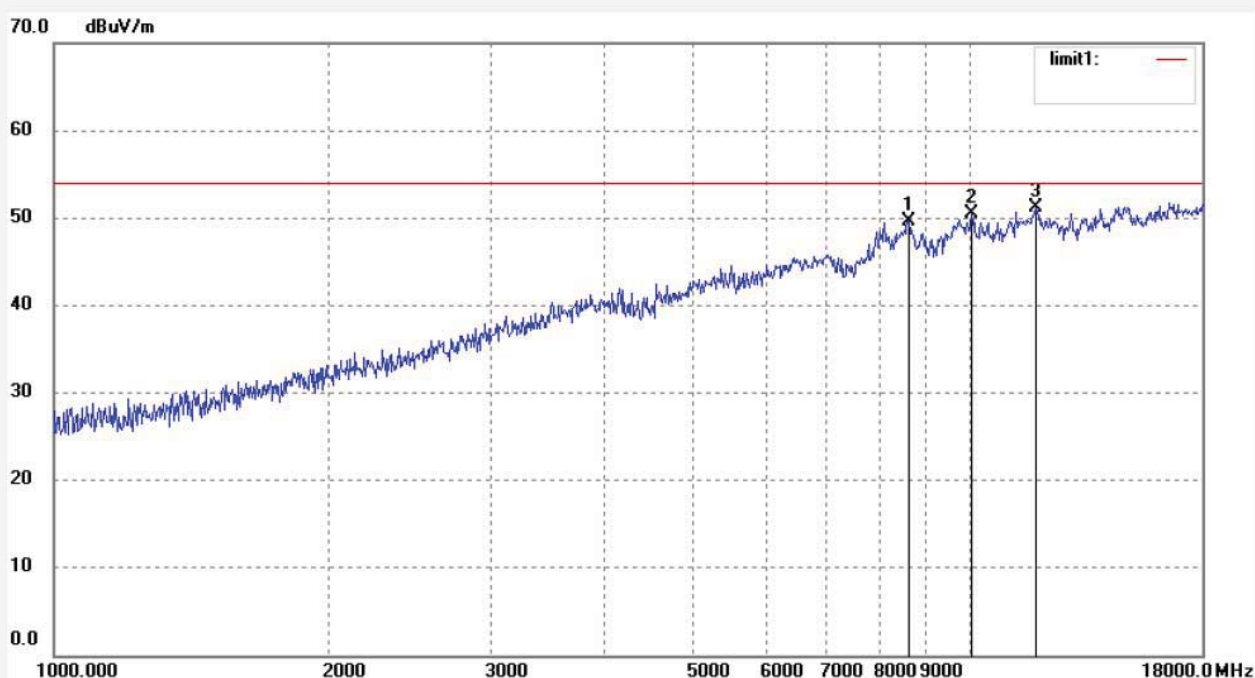
Date: 14/02/22/

Time: 9/30/00

Engineer Signature: Ricky

Distance: 3m

Note: Report No.:ATE20140130



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	8600.754	40.97	8.68	49.65	54.00	-4.35	peak			
2	10085.905	39.70	10.79	50.49	54.00	-3.51	peak			
3	11827.507	38.01	13.16	51.17	54.00	-2.83	peak			



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Site: 1# Chamber

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Job No.: ricky #440

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

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

EUT: MID

Mode: TX802.11B(CH11)

Model: M760

Manufacturer: Sungworld

Polarization: Vertical

Power Source: AC 120V/60Hz

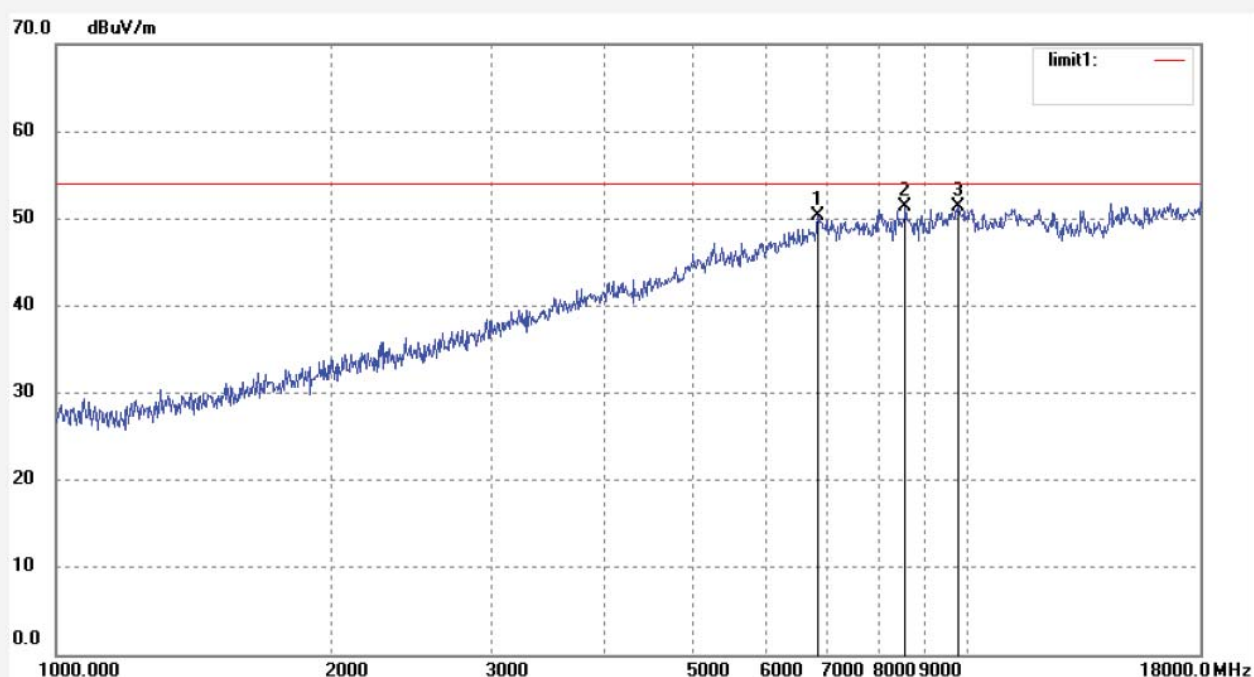
Date: 14/02/22/

Time: 9/27/19

Engineer Signature: Ricky

Distance: 3m

Note: Report No.: ATE20140130



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	6861.658	44.97	5.33	50.30	54.00	-3.70	peak			
2	8551.080	42.65	8.79	51.44	54.00	-2.56	peak			
3	9769.655	40.49	10.83	51.32	54.00	-2.68	peak			



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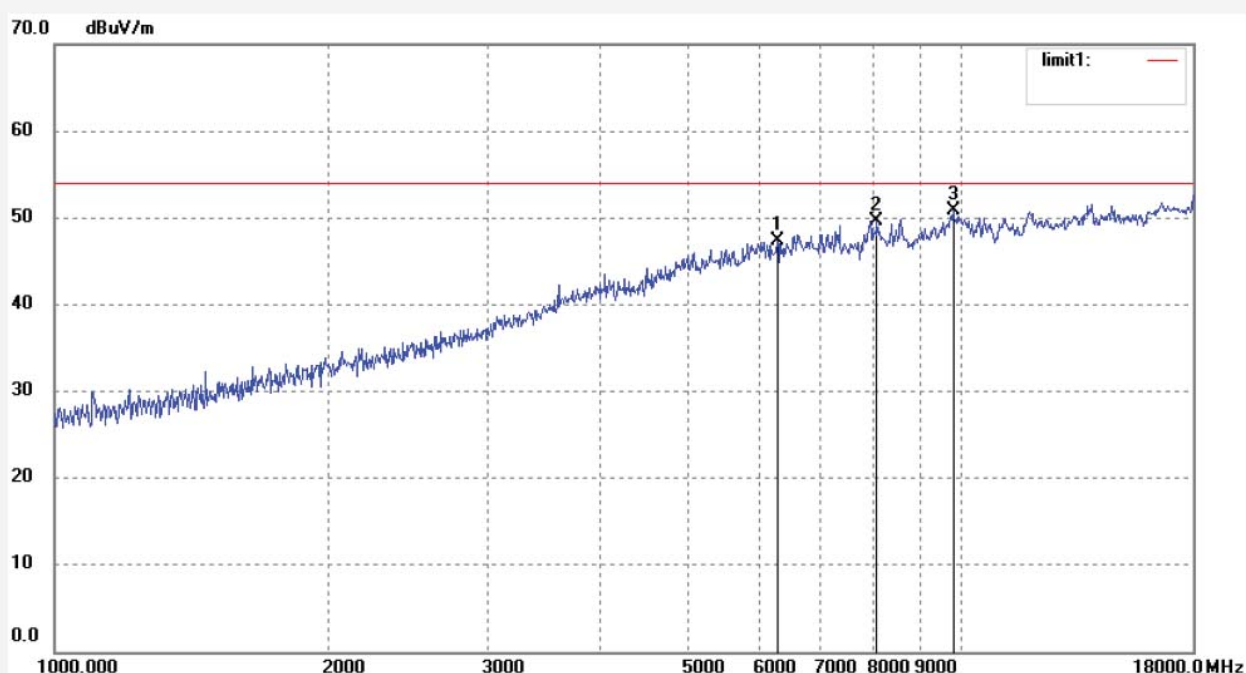
F1,Bldg,A,Changyuan New Material Port Keyuan Rd,
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Site: 1# Chamber
Tel:+86-0755-26503290
Fax:+86-0755-26503396

Job No.: ricky #434
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 25 C / 55 %
EUT: MID
Mode: TX802.11G (CH1)
Model: M760
Manufacturer: Sungworld

Polarization: Horizontal
Power Source: AC 120V/60Hz
Date: 14/02/22/
Time: 9/14/25
Engineer Signature: Ricky
Distance: 3m

Note: Report No.:ATE20140130



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	6272.456	43.45	3.90	47.35	54.00	-6.65	peak			
2	8069.845	41.17	8.44	49.61	54.00	-4.39	peak			
3	9797.990	40.02	10.88	50.90	54.00	-3.10	peak			


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Site: 1# Chamber

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Job No.: ricky #435

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

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

EUT: MID

Mode: TX802.11G (CH1)

Model: M760

Manufacturer: Sungworld

Polarization: Vertical

Power Source: AC 120V/60Hz

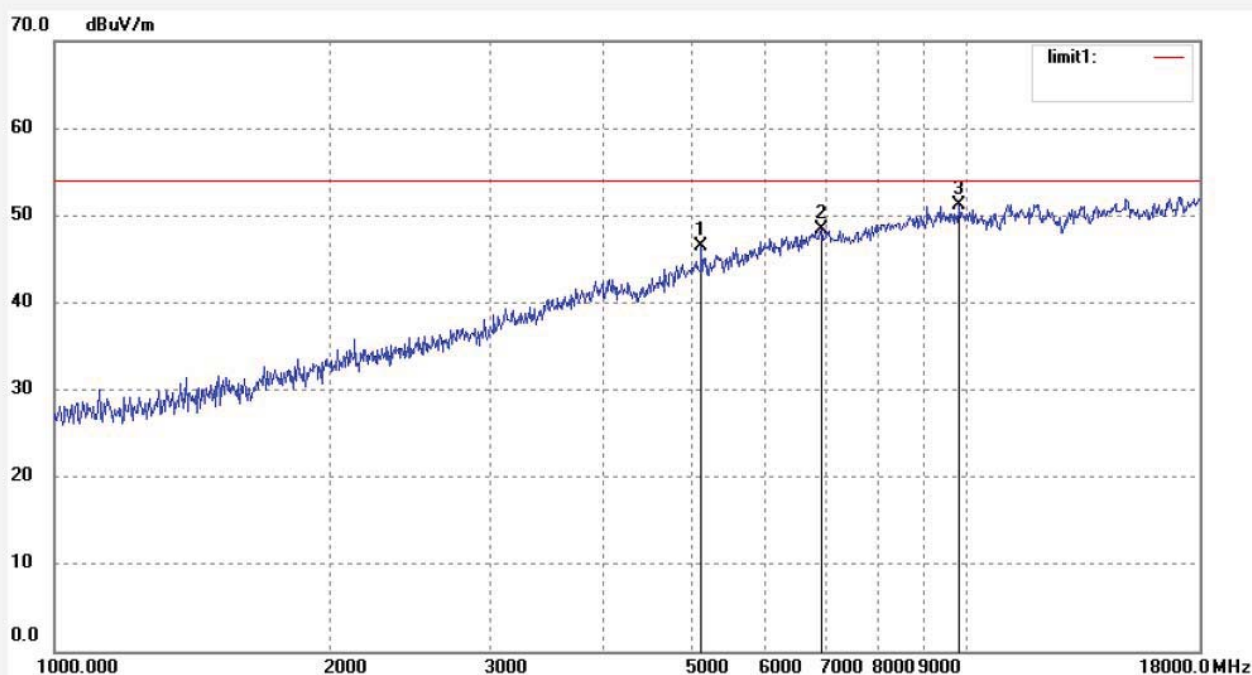
Date: 14/02/22/

Time: 9/16/22

Engineer Signature: Ricky

Distance: 3m

Note: Report No.: ATE20140130



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	5121.444	45.03	1.35	46.38	54.00	-7.62	peak			
2	6941.610	42.97	5.49	48.46	54.00	-5.54	peak			
3	9826.408	40.21	10.91	51.12	54.00	-2.88	peak			



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Site: 1# Chamber

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Fax:+86-0755-26503396

Job No.: ricky #436

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

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

EUT: MID

Mode: TX802.11G (CH6)

Model: M760

Manufacturer: Sungworld

Polarization: Vertical

Power Source: AC 120V/60Hz

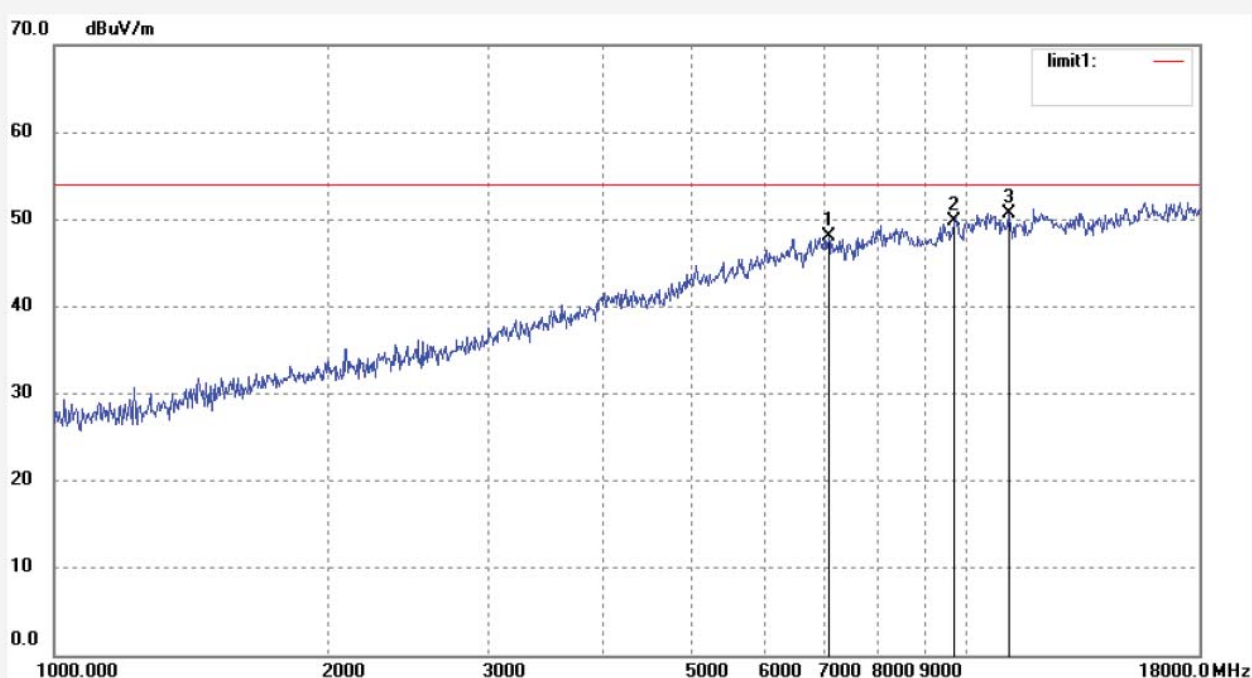
Date: 14/02/22/

Time: 9/19/19

Engineer Signature: Ricky

Distance: 3m

Note: Report No.:ATE20140130



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	7063.289	42.84	5.21	48.05	54.00	-5.95	peak			
2	9685.139	39.08	10.69	49.77	54.00	-4.23	peak			
3	11129.603	39.86	10.84	50.70	54.00	-3.30	peak			



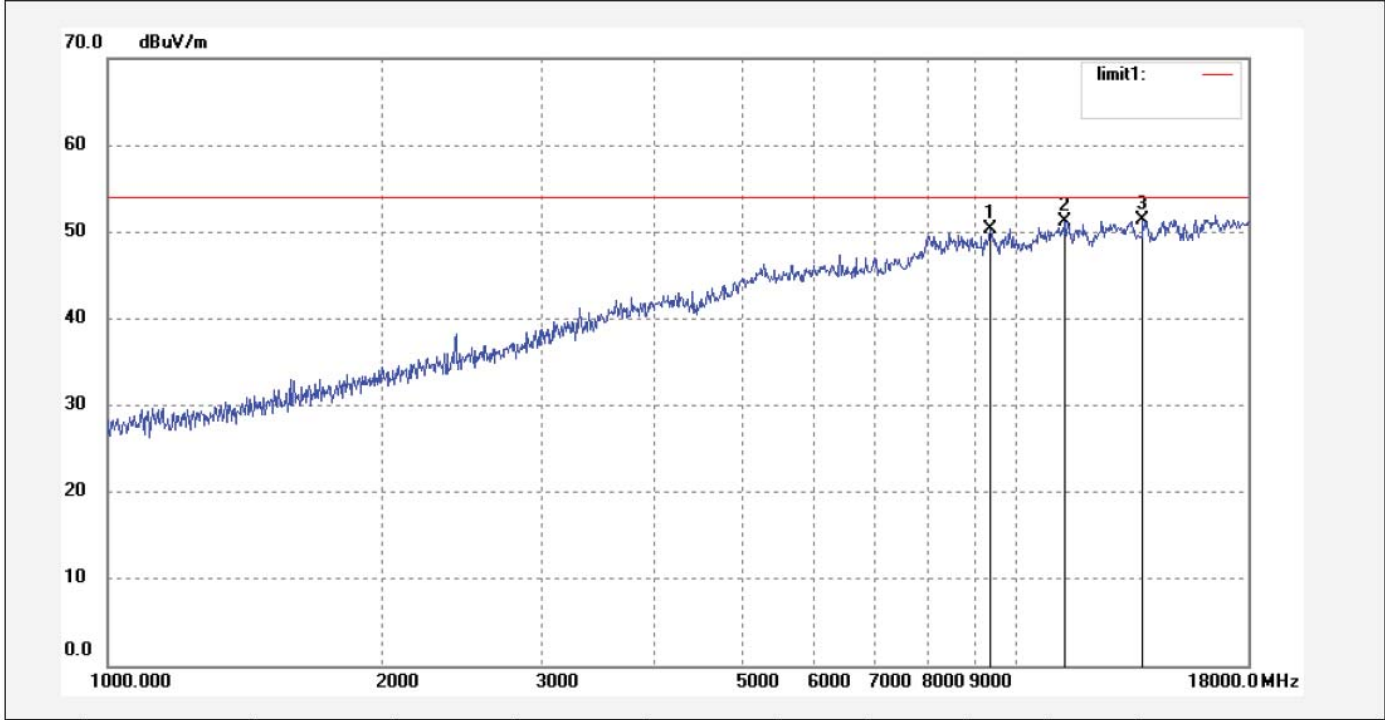
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F1,Bldg,A,Changyuan New Material Port Keyuan Rd,
Science & Industry Park,Nanshan Shenzhen,P.R.China

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

Job No.: ricky #437	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 14/02/22/
Temp.(C)/Hum.(%) 25 C / 55 %	Time: 9/21/54
EUT: MID	Engineer Signature: Ricky
Mode: TX802.11G (CH6)	Distance: 3m
Model: M760	
Manufacturer: Sungworld	

Note: Report No.:ATE20140130



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	9381.455	40.01	10.37	50.38	54.00	-3.62	peak			
2	11324.692	39.73	11.46	51.19	54.00	-2.81	peak			
3	13789.738	3.95	47.50	51.45	54.00	-2.55	peak			



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Site: 1# Chamber

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Job No.: ricky #438

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

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

EUT: MID

Mode: TX802.11G (CH11)

Model: M760

Manufacturer: Sungworld

Polarization: Horizontal

Power Source: AC 120V/60Hz

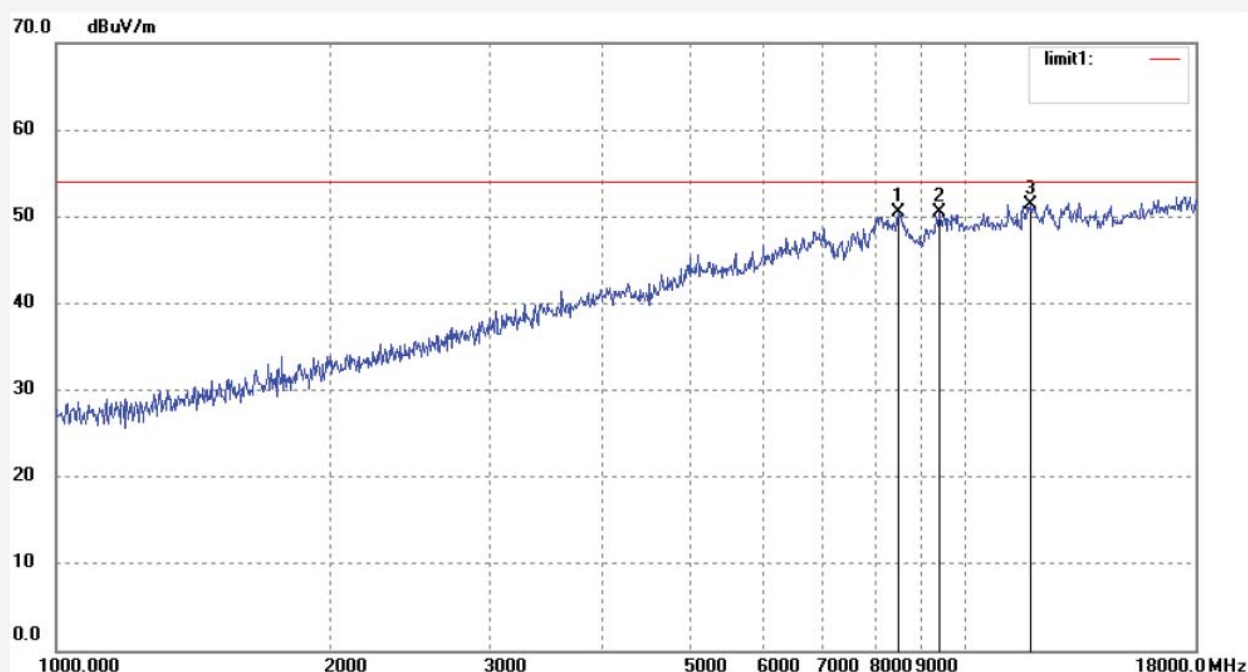
Date: 14/02/22/

Time: 9/23/39

Engineer Signature: Ricky

Distance: 3m

Note: Report No.:ATE20140130



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	8477.106	41.49	8.94	50.43	54.00	-3.57	peak			
2	9408.664	39.93	10.49	50.42	54.00	-3.58	peak			
3	11861.812	38.48	12.92	51.40	54.00	-2.60	peak			



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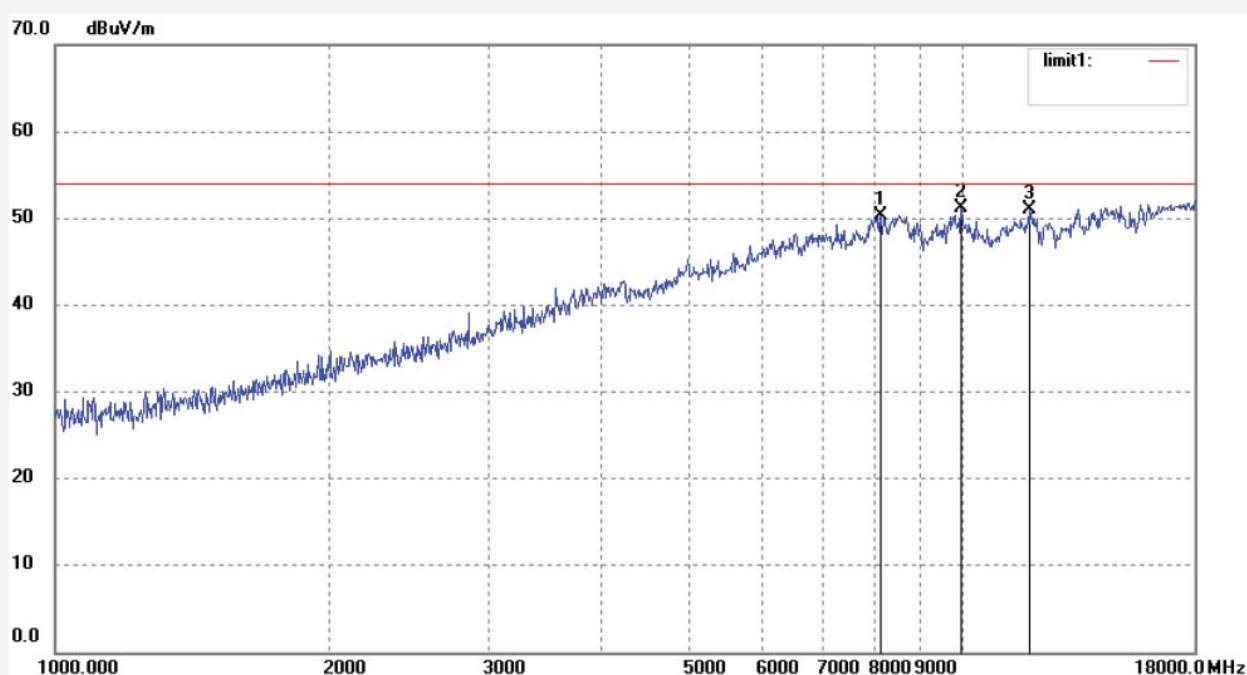
F1,Bldg.A,Changyuan New Material Port Keyuan Rd,
Science & Industry Park,Nanshan Shenzhen,P.R.China

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

Job No.: ricky #439
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 25 C / 55 %
EUT: MID
Mode: TX802.11G (CH11)
Model: M760
Manufacturer: Sungworld

Polarization: Vertical
Power Source: AC 120V/60Hz
Date: 14/02/22/
Time: 9/25/38
Engineer Signature: Ricky
Distance: 3m

Note: Report No.: ATE20140130



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	8116.724	41.75	8.55	50.30	54.00	-3.70	peak			
2	9969.738	40.10	11.06	51.16	54.00	-2.84	peak			
3	11827.507	37.80	13.16	50.96	54.00	-3.04	peak			



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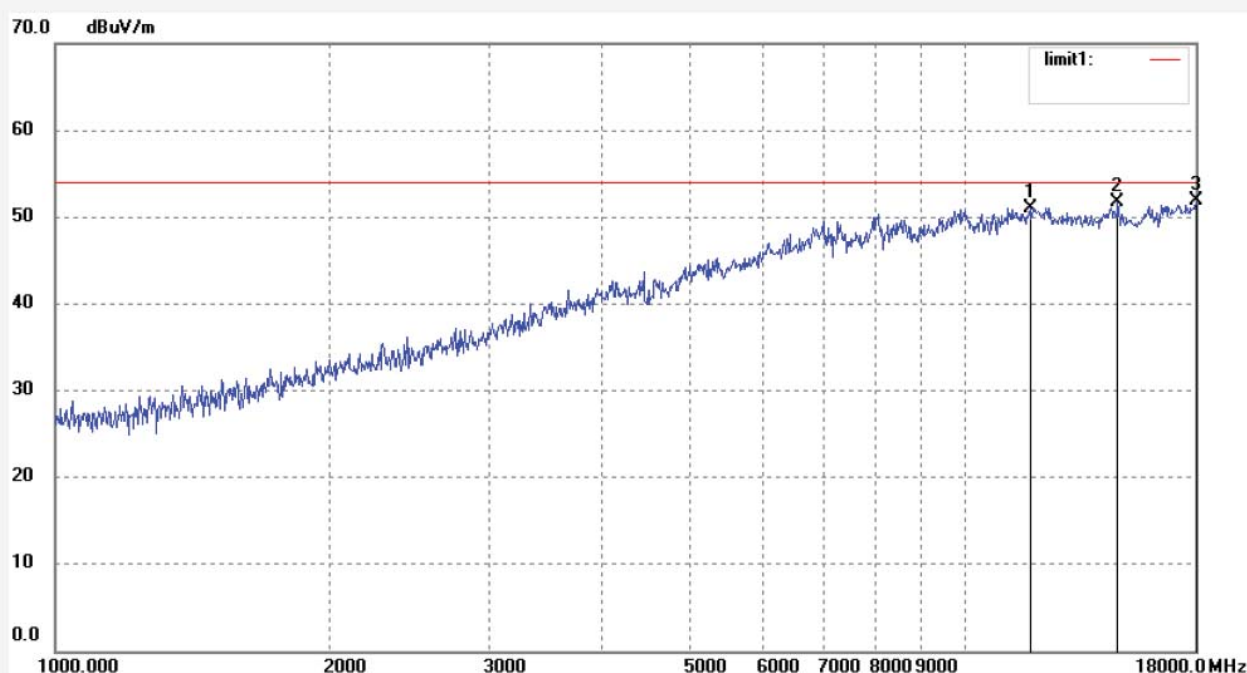
F1,Bldg,A,Changyuan New Material Port Keyuan Rd,
Science & Industry Park,Nanshan Shenzhen,P.R.China

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

Job No.: ricky #433
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 25 C / 55 %
EUT: MID
Mode: TX802.11N20 (CH1)
Model: M760
Manufacturer: Sungworld

Polarization: Horizontal
Power Source: AC 120V/60Hz
Date: 14/02/22/
Time: 9/12/32
Engineer Signature: Ricky
Distance: 3m

Note: Report No.:ATE20140130



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	11827.507	37.92	13.16	51.08	54.00	-2.92	peak			
2	14782.331	1.85	49.80	51.65	54.00	-2.35	peak			
3	18000.000	0.22	51.60	51.82	54.00	-2.18	peak			



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Site: 1# Chamber

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Job No.: ricky #432

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

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

EUT: MID

Mode: TX802.11N20 (CH1)

Model: M760

Manufacturer: Sungworld

Polarization: Vertical

Power Source: AC 120V/60Hz

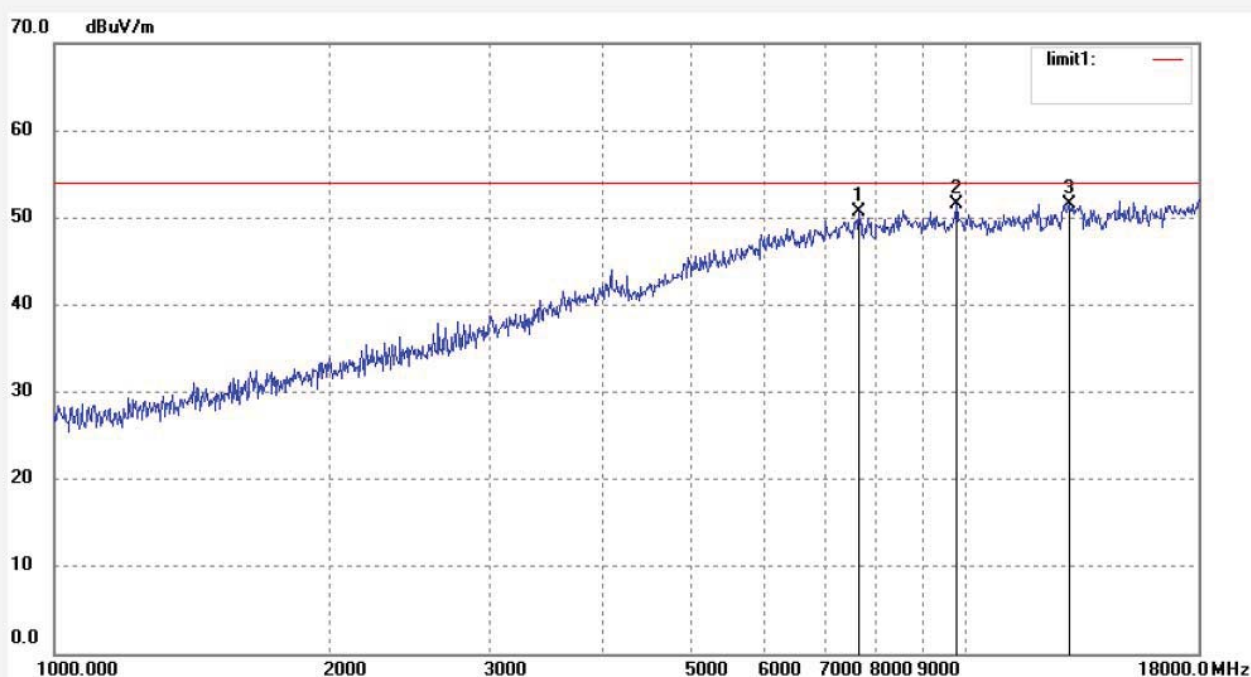
Date: 14/02/22/

Time: 9/10/46

Engineer Signature: Ricky

Distance: 3m

Note: Report No.: ATE20140130



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	7637.782	44.77	5.91	50.68	54.00	-3.32	peak			
2	9769.655	40.77	10.83	51.60	54.00	-2.40	peak			
3	12976.048	5.45	46.16	51.61	54.00	-2.39	peak			



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Site: 1# Chamber

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Job No.: ricky #431

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

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

EUT: MID

Mode: TX802.11N20 (CH6)

Model: M760

Manufacturer: Sungworld

Polarization: Vertical

Power Source: AC 120V/60Hz

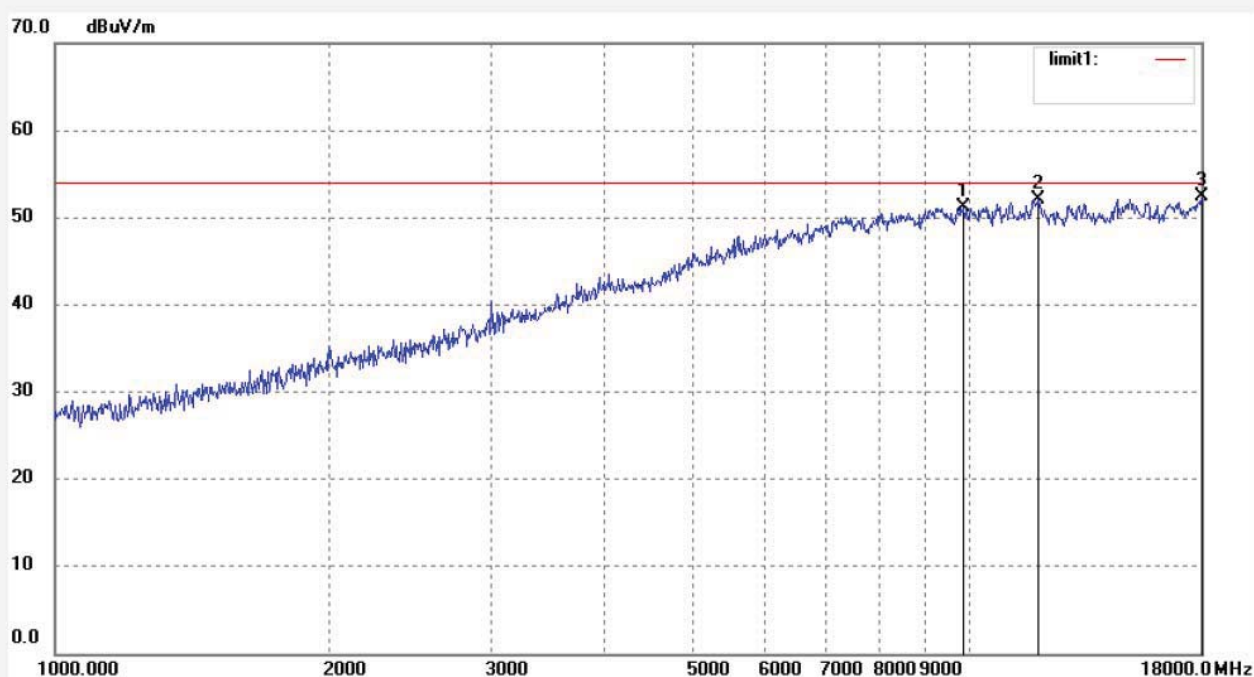
Date: 14/02/22/

Time: 9/09/50

Engineer Signature: Ricky

Distance: 3m

Note: Report No.:ATE20140130



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	9883.491	40.18	10.97	51.15	54.00	-2.85	peak			
2	11930.719	39.69	12.40	52.09	54.00	-1.91	peak			
3	18000.000	-3.32	55.70	52.38	54.00	-1.62	peak			



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Site: 1# Chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: ricky #430

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

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

EUT: MID

Mode: TX802.11N20 (CH6)

Model: M760

Manufacturer: Sungworld

Polarization: Horizontal

Power Source: AC 120V/60Hz

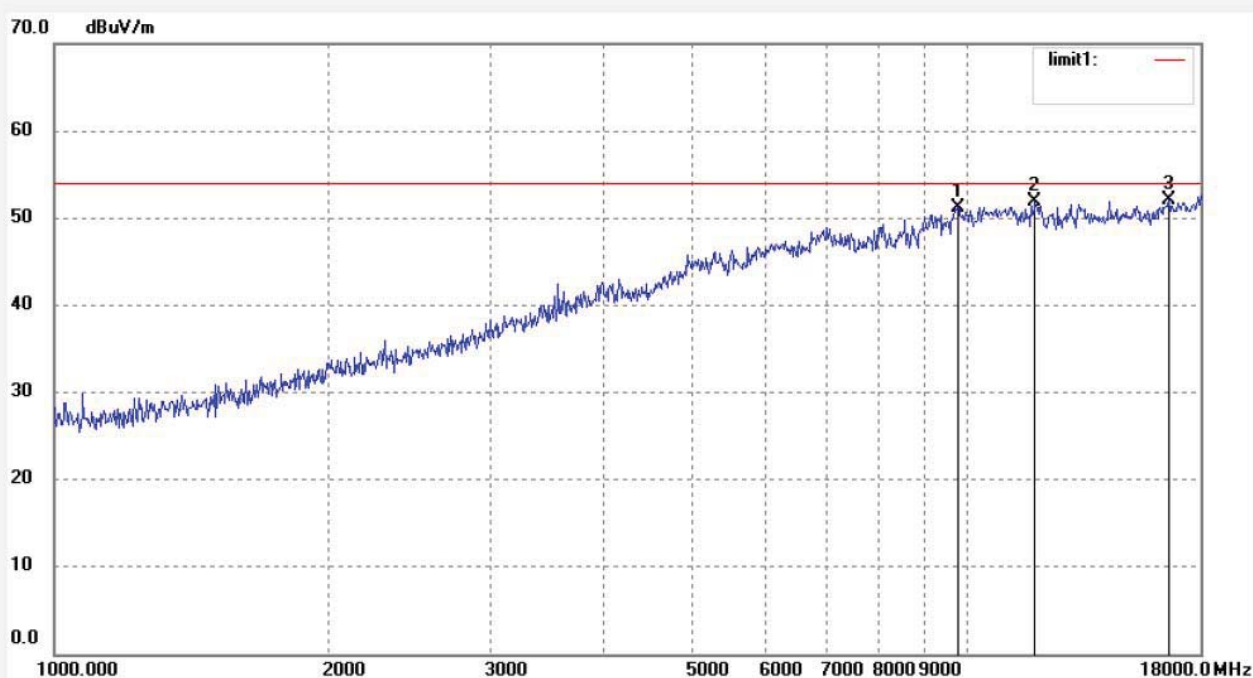
Date: 14/02/22/

Time: 9/08/34

Engineer Signature: Ricky

Distance: 3m

Note: Report No.:ATE20140130



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	9769.655	40.30	10.83	51.13	54.00	-2.87	peak			
2	11861.812	38.93	12.92	51.85	54.00	-2.15	peak			
3	16646.090	2.40	49.70	52.10	54.00	-1.90	peak			



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Site: 1# Chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: ricky #429

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

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

EUT: MID

Mode: TX802.11N20 (CH11)

Model: M760

Manufacturer: Sungworld

Polarization: Horizontal

Power Source: AC 120V/60Hz

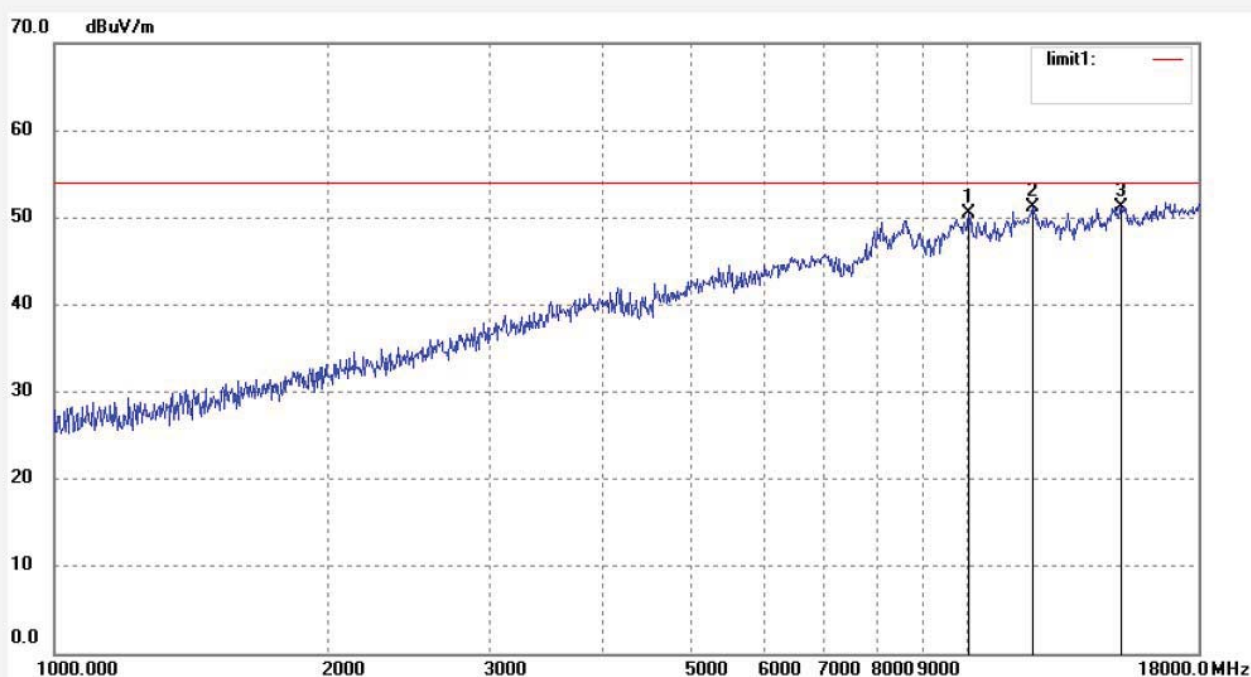
Date: 14/02/22/

Time: 9/07/09

Engineer Signature: Ricky

Distance: 3m

Note: Report No.: ATE20140130



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	10085.905	39.70	10.79	50.49	54.00	-3.51	peak			
2	11827.507	38.01	13.16	51.17	54.00	-2.83	peak			
3	14825.205	1.57	49.70	51.27	54.00	-2.73	peak			



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Fax:+86-0755-26503396

Job No.: ricky #428

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

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

EUT: MID

Mode: TX802.11N20 (CH11)

Model: M760

Manufacturer: Sungworld

Polarization: Vertical

Power Source: AC 120V/60Hz

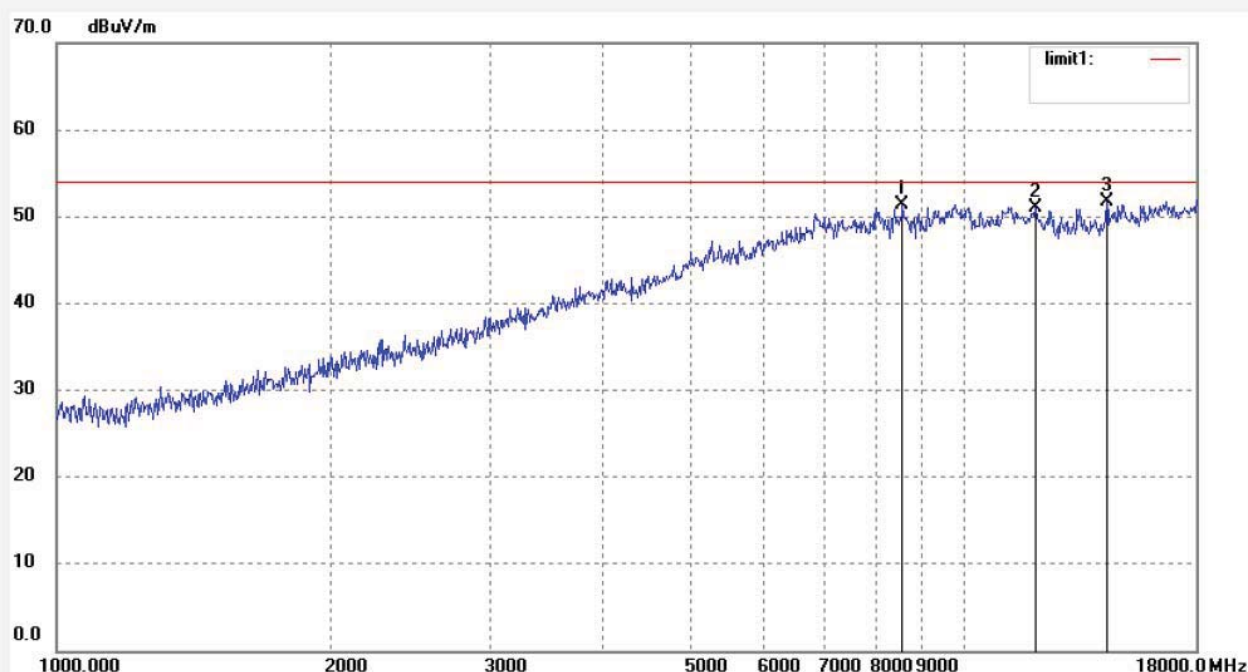
Date: 14/02/22/

Time: 9/05/19

Engineer Signature: Ricky

Distance: 3m

Note: Report No.:ATE20140130



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	8551.080	42.65	8.79	51.44	54.00	-2.56	peak			
2	11965.322	38.81	12.16	50.97	54.00	-3.03	peak			
3	14360.350	2.02	49.74	51.76	54.00	-2.24	peak			



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Job No.: ricky #422

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

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

EUT: MID

Mode: TX802.11N40 (CH3)

Model: M760

Manufacturer: Sungworld

Polarization: Horizontal

Power Source: AC 120V/60Hz

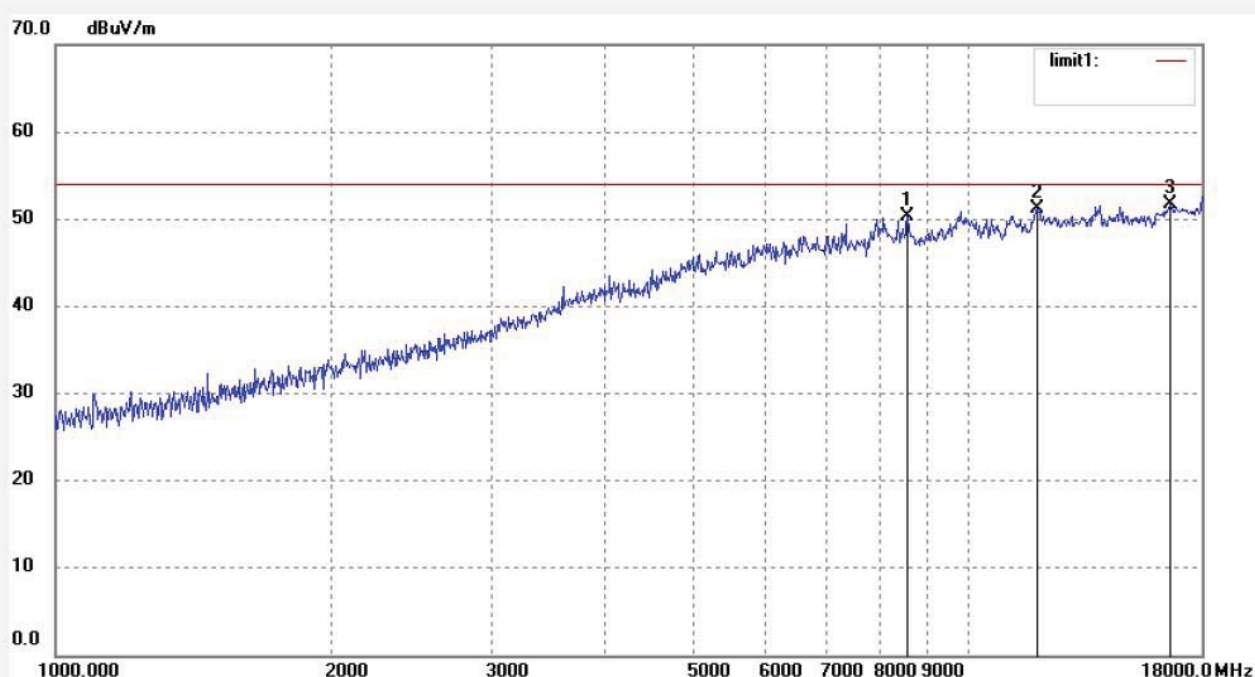
Date: 14/02/22/

Time: 8/54/45

Engineer Signature: Ricky

Distance: 3m

Note: Report No.: ATE20140130



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	8575.881	41.56	8.74	50.30	54.00	-3.70	peak			
2	11896.215	38.56	12.66	51.22	54.00	-2.78	peak			
3	16646.089	1.96	49.70	51.66	54.00	-2.34	peak			


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Fax:+86-0755-26503396

Job No.: ricky #423

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

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

EUT: MID

Mode: TX802.11N40 (CH3)

Model: M760

Manufacturer: Sungworld

Polarization: Vertical

Power Source: AC 120V/60Hz

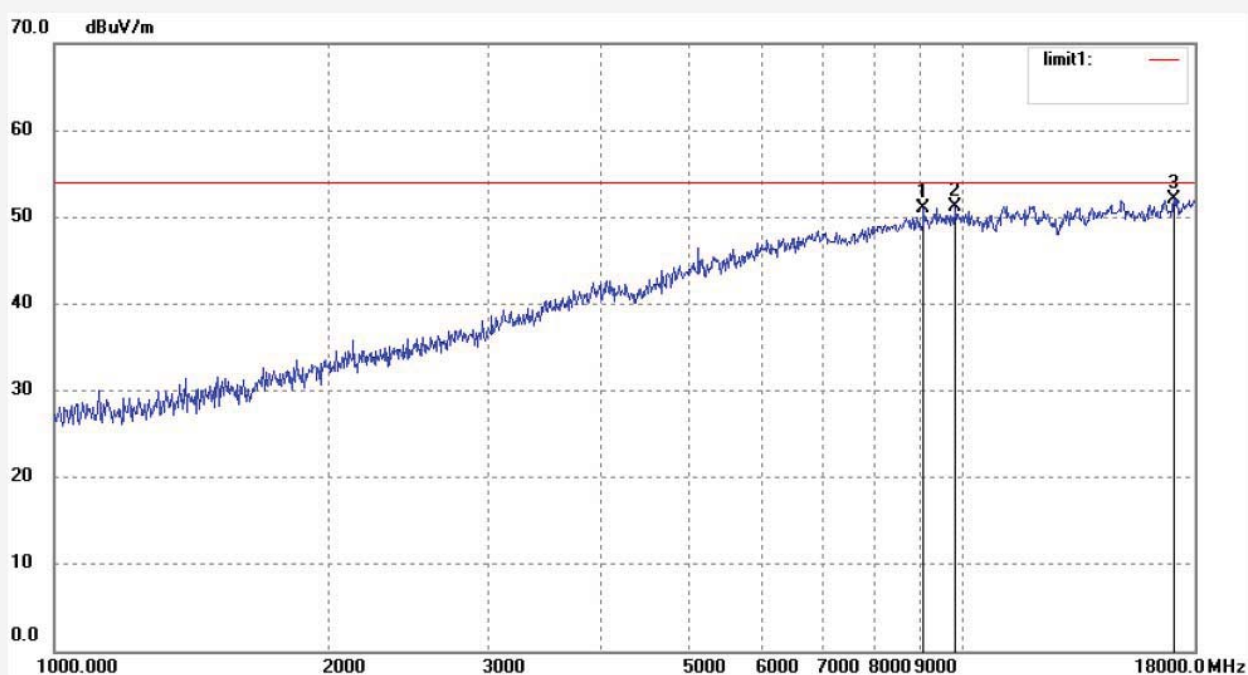
Date: 14/02/22/

Time: 8/55/56

Engineer Signature: Ricky

Distance: 3m

Note: Report No.:ATE20140130



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	9061.013	41.99	9.00	50.99	54.00	-3.01	peak			
2	9826.408	40.21	10.91	51.12	54.00	-2.88	peak			
3	17085.682	0.83	51.27	52.10	54.00	-1.90	peak			



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Fax:+86-0755-26503396

Job No.: ricky #424

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

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

EUT: MID

Mode: TX802.11N40 (CH6)

Model: M760

Manufacturer: Sungworld

Polarization: Vertical

Power Source: AC 120V/60Hz

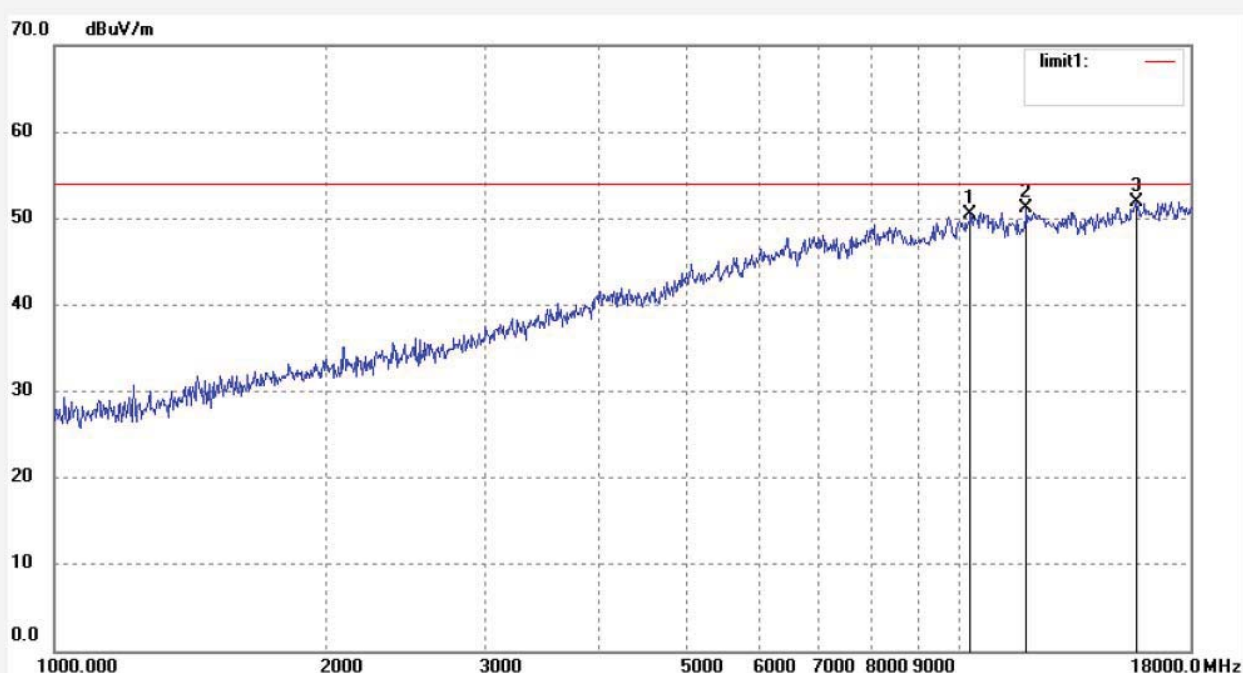
Date: 14/02/22/

Time: 8/57/12

Engineer Signature: Ricky

Distance: 3m

Note: Report No.:ATE20140130



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	10292.465	40.23	10.28	50.51	54.00	-3.49	peak			
2	11861.812	38.26	12.92	51.18	54.00	-2.82	peak			
3	15709.287	3.43	48.54	51.97	54.00	-2.03	peak			


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Fax:+86-0755-26503396

Job No.: ricky #425

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

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

EUT: MID

Mode: TX802.11N40 (CH6)

Model: M760

Manufacturer: Sungworld

Polarization: Horizontal

Power Source: AC 120V/60Hz

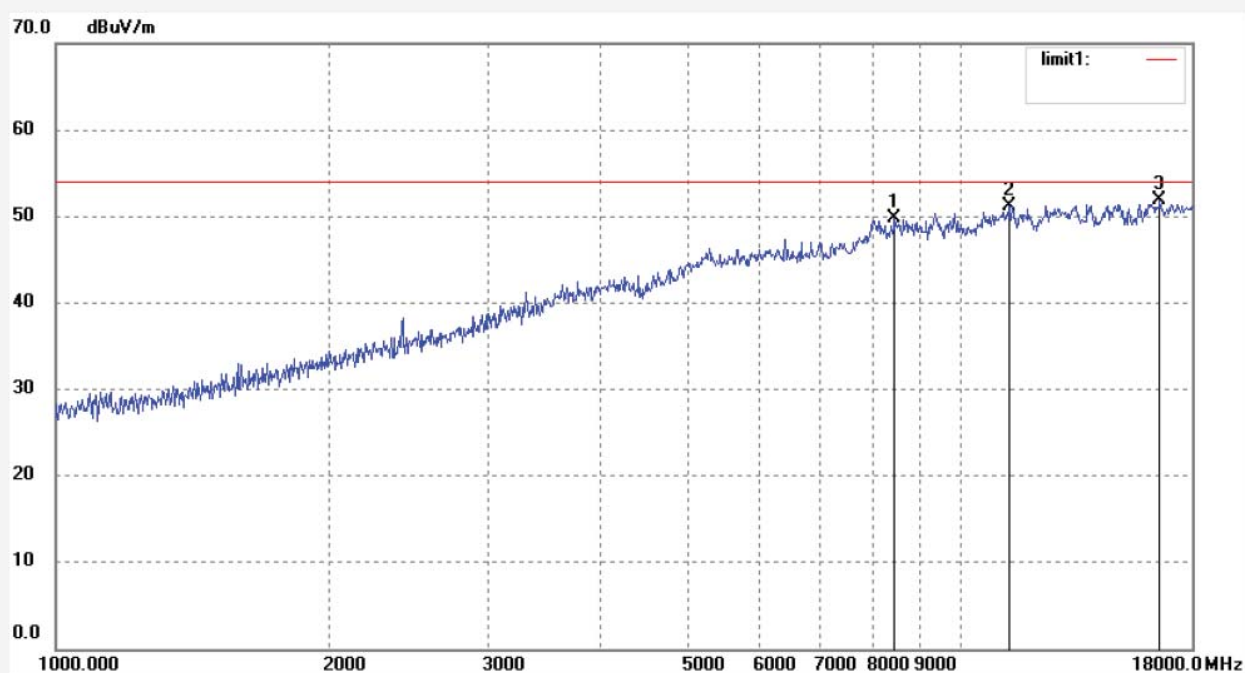
Date: 14/02/22/

Time: 9/00/38

Engineer Signature: Ricky

Distance: 3m

Note: Report No.: ATE20140130



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	8452.590	40.84	8.96	49.80	54.00	-4.20	peak			
2	11324.692	39.73	11.46	51.19	54.00	-2.81	peak			
3	16597.949	2.29	49.53	51.82	54.00	-2.18	peak			



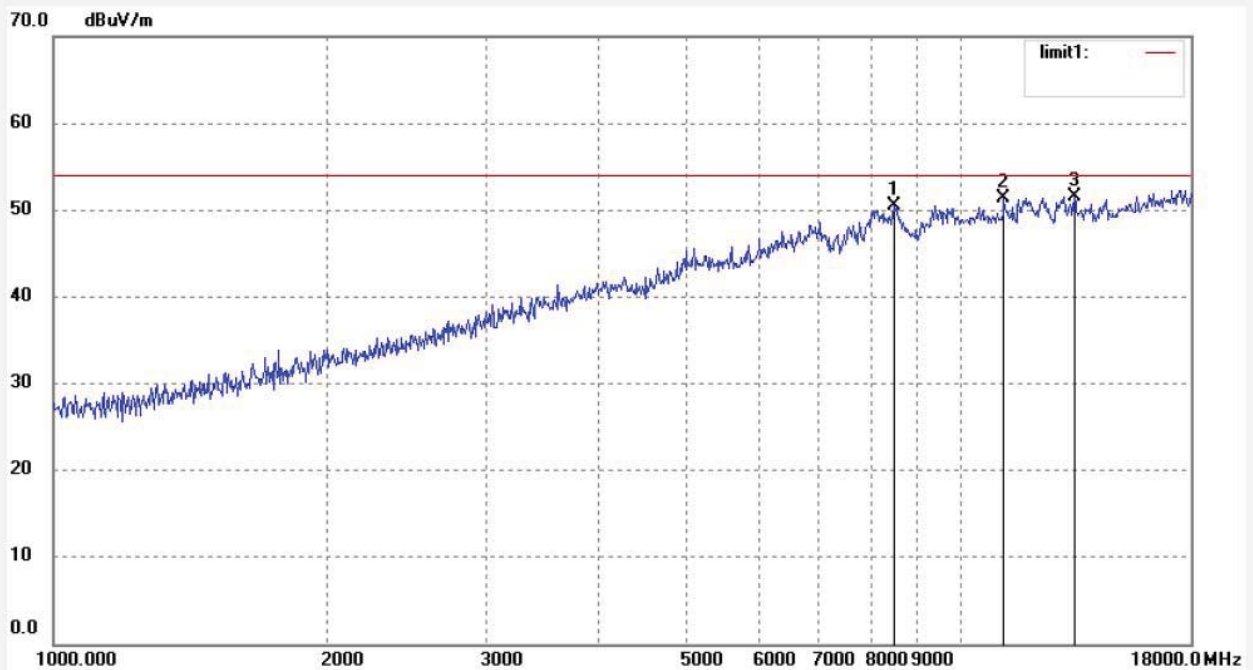
ACCURATE TECHNOLOGY CO., LTD.

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

Job No.: ricky #426	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 14/02/22/
Temp.(C)/Hum.(%) 25 C / 55 %	Time: 9/02/27
EUT: MID	Engineer Signature: Ricky
Mode: TX802.11N40 (CH9)	Distance: 3m
Model: M760	
Manufacturer: Sungworld	

Note: Report No.:ATE20140130



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	8477.106	41.49	8.94	50.43	54.00	-3.57	peak			
2	11194.257	40.32	10.97	51.29	54.00	-2.71	peak			
3	13396.092	4.77	46.80	51.57	54.00	-2.43	peak			



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Job No.: ricky #427

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

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

EUT: MID

Mode: TX802.11N40 (CH9)

Model: M760

Manufacturer: Sungworld

Polarization: Vertical

Power Source: AC 120V/60Hz

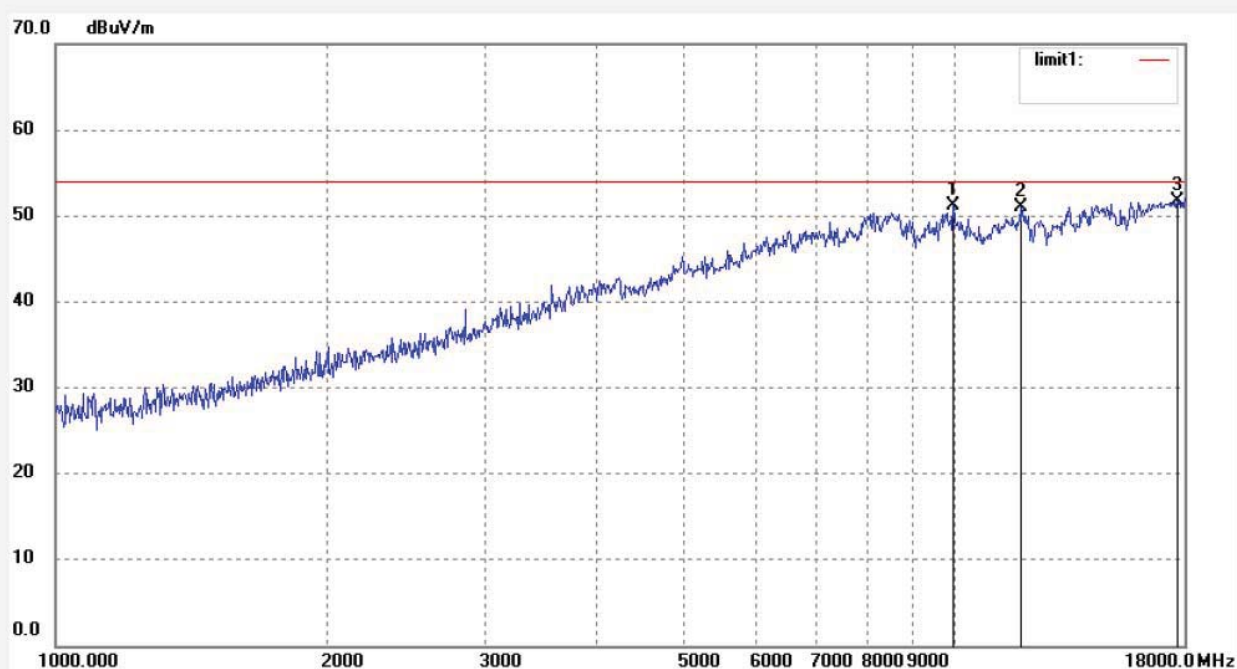
Date: 14/02/22/

Time: 9/04/03

Engineer Signature: Ricky

Distance: 3m

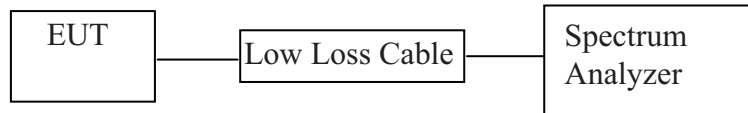
Note: Report No.:ATE20140130



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	9969.738	40.10	11.06	51.16	54.00	-2.84	peak			
2	11827.507	37.80	13.16	50.96	54.00	-3.04	peak			
3	17689.916	-2.35	54.09	51.74	54.00	-2.26	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).

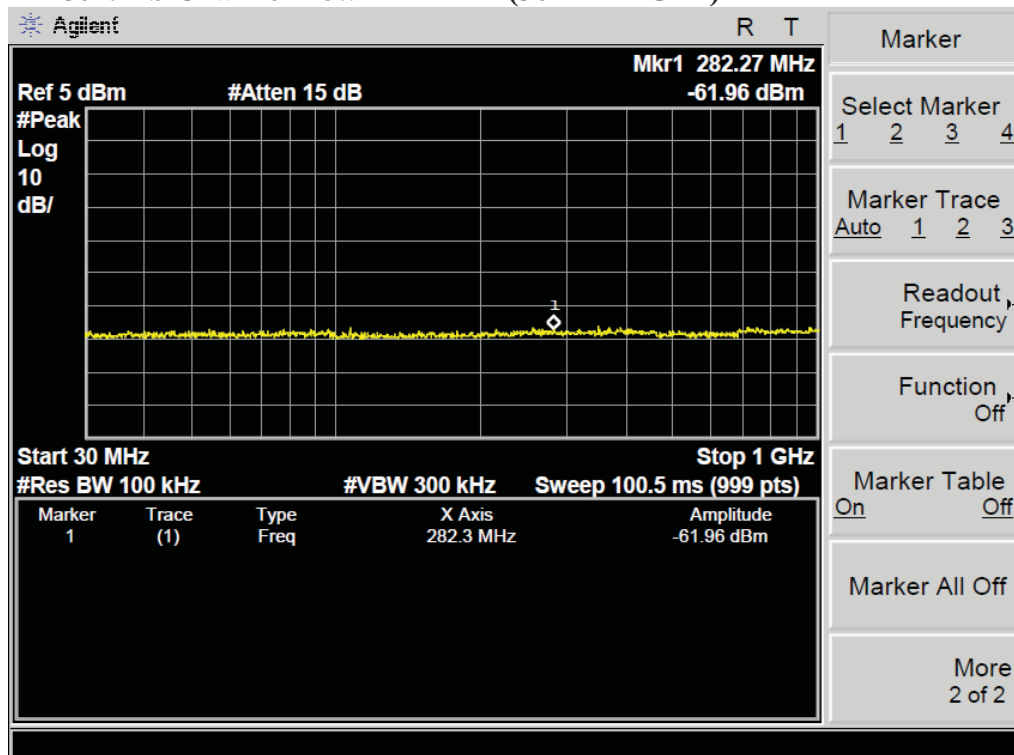
10.5.4. The Conducted Spurious Emission was measured and recorded.

10.6. Test Result

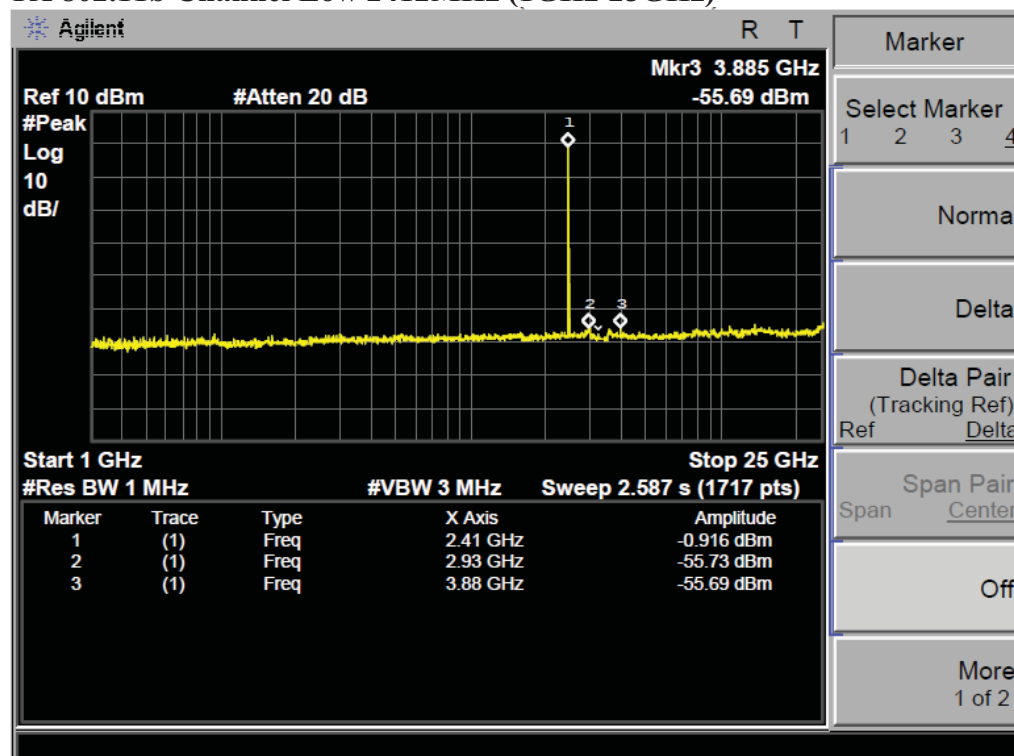
Pass.

The spectrum analyzer plots are attached as below.

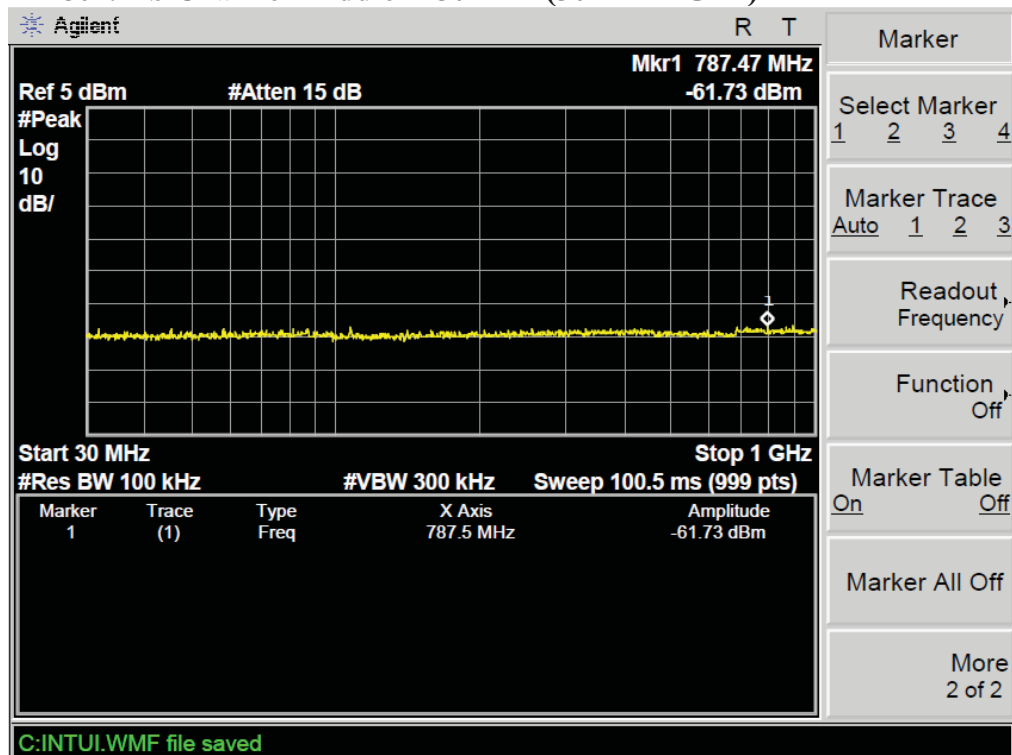
TX 802.11b Channel Low 2412MHz (30MHz-1GHz)



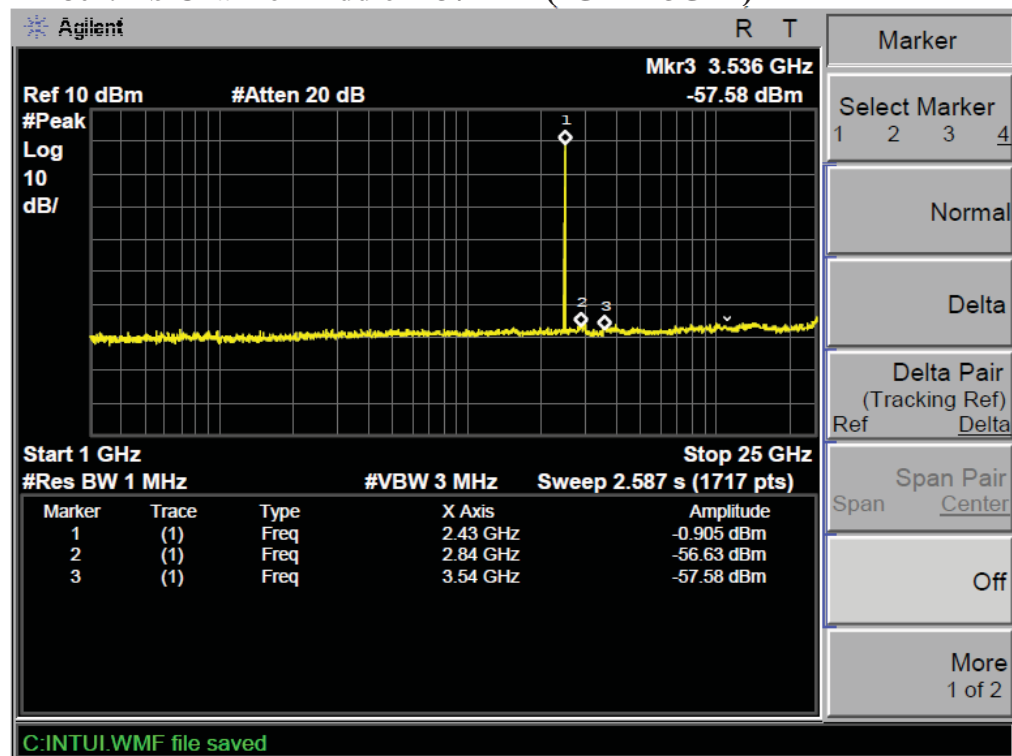
TX 802.11b Channel Low 2412MHz (1GHz-25GHz)



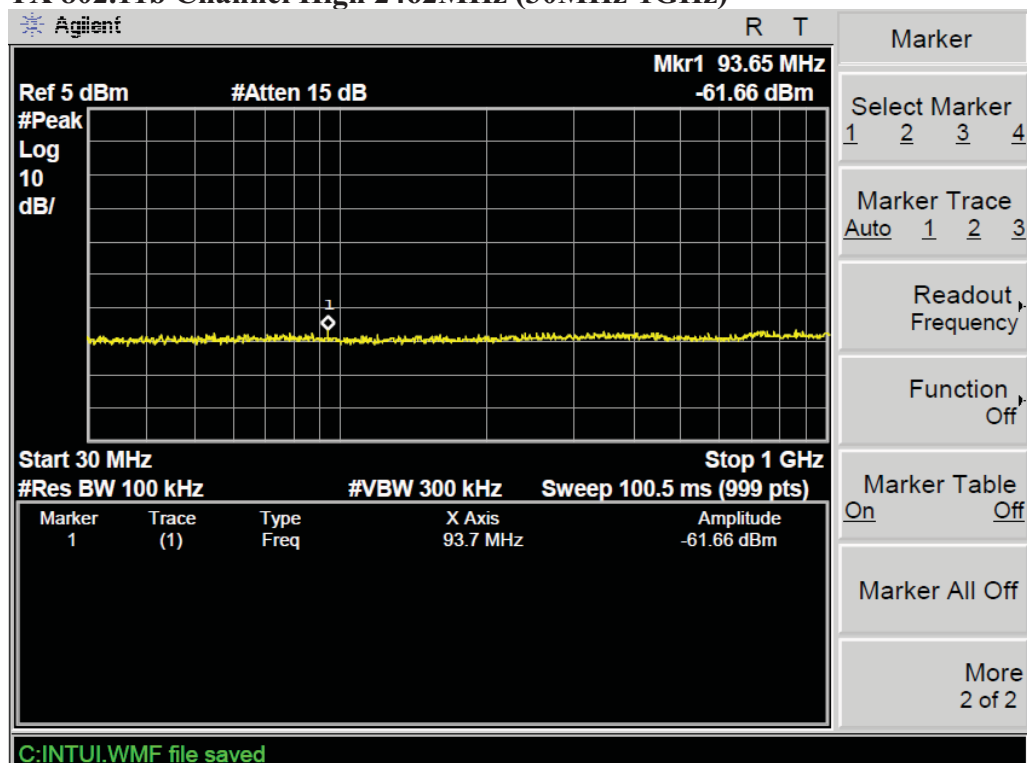
TX 802.11b Channel Middle 2437MHz (30MHz-1GHz)



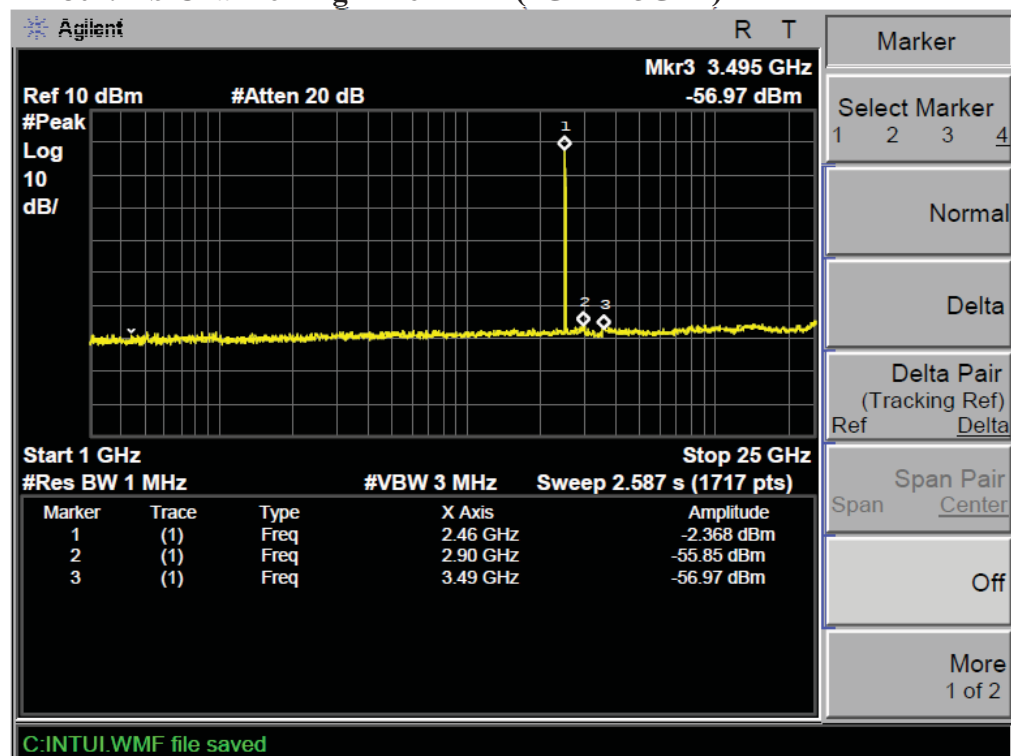
TX 802.11b Channel Middle 2437MHz (1GHz-25GHz)



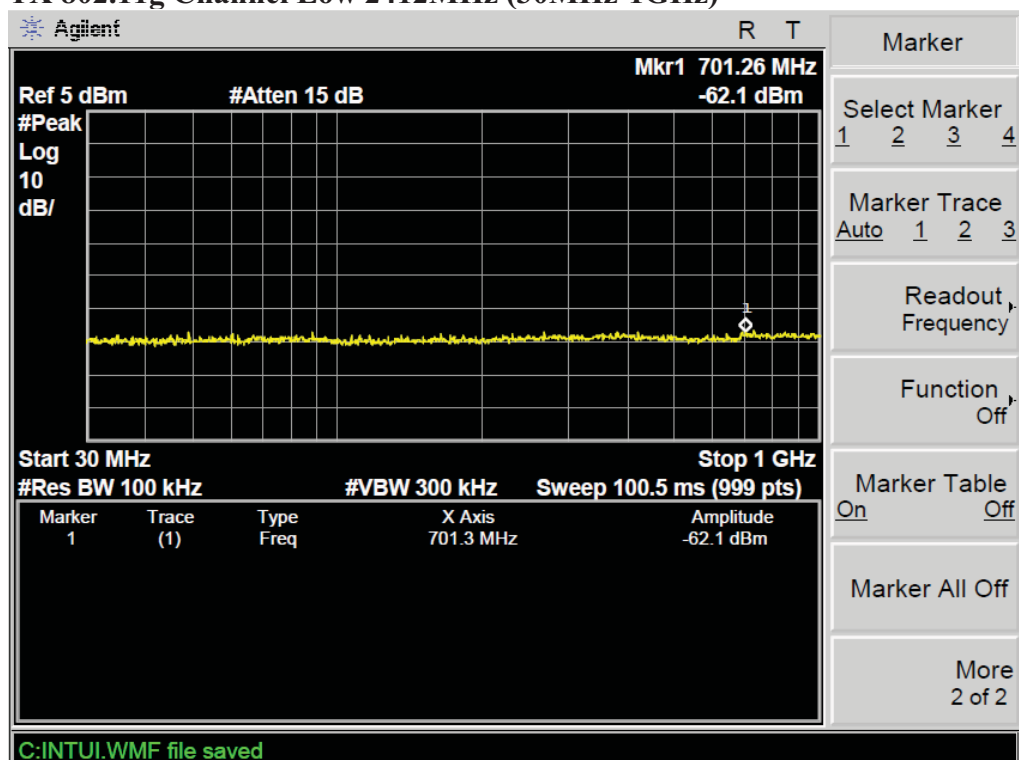
TX 802.11b Channel High 2462MHz (30MHz-1GHz)



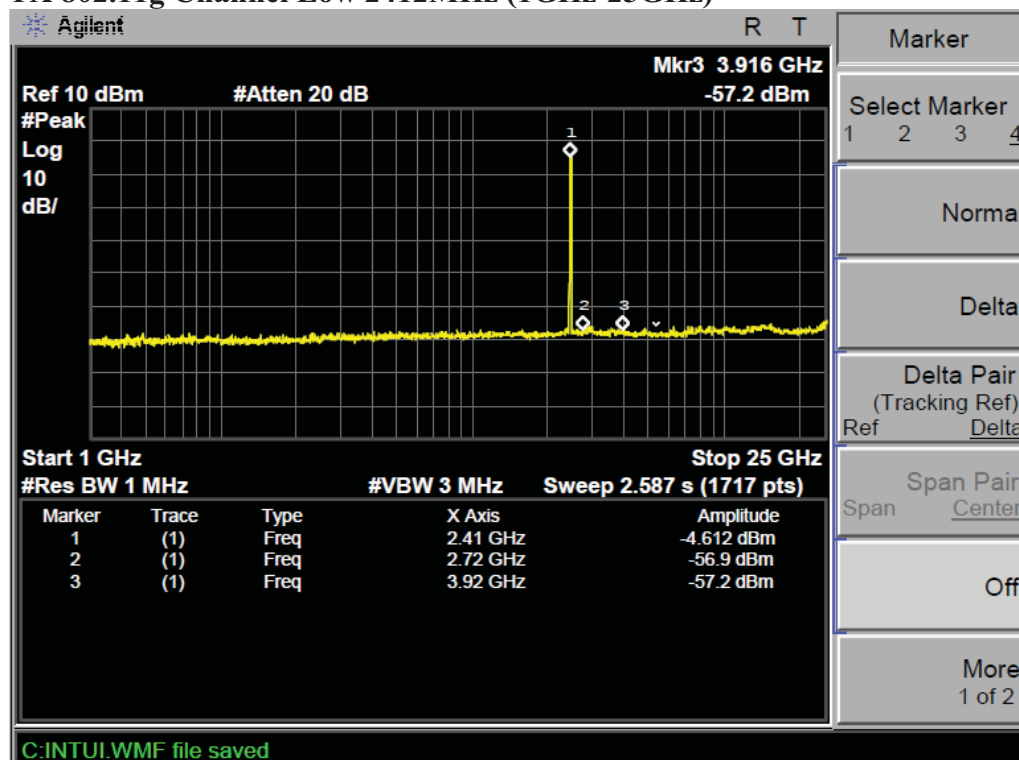
TX 802.11b Channel High 2462MHz (1GHz-25GHz)



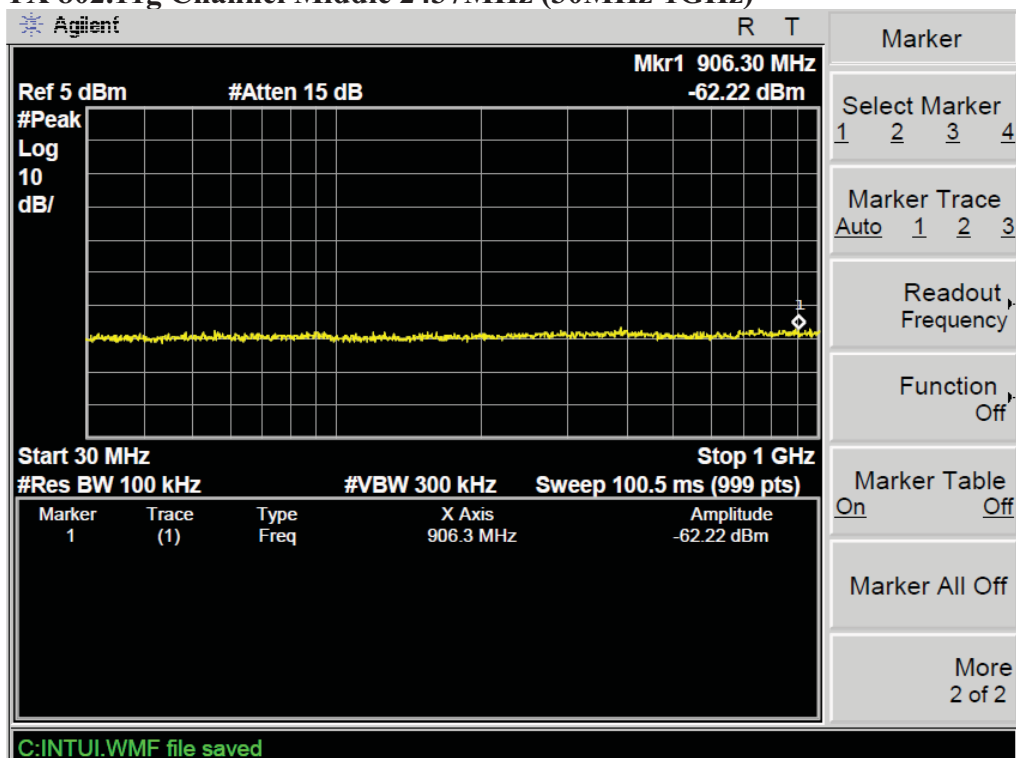
TX 802.11g Channel Low 2412MHz (30MHz-1GHz)



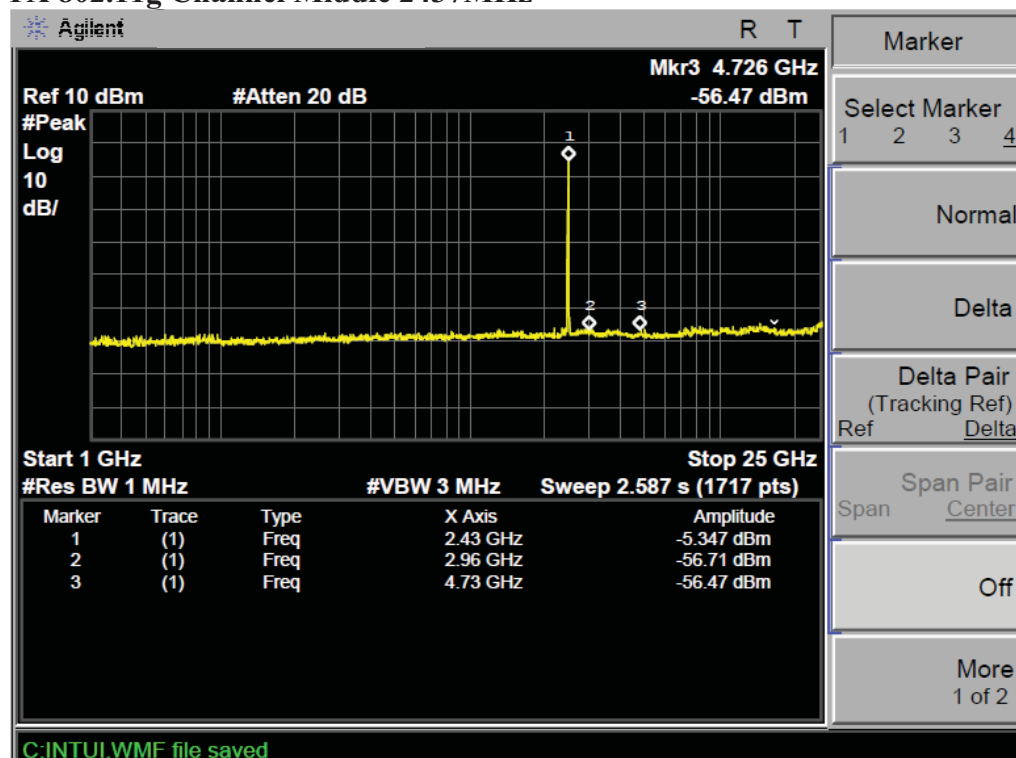
TX 802.11g Channel Low 2412MHz (1GHz-25GHz)



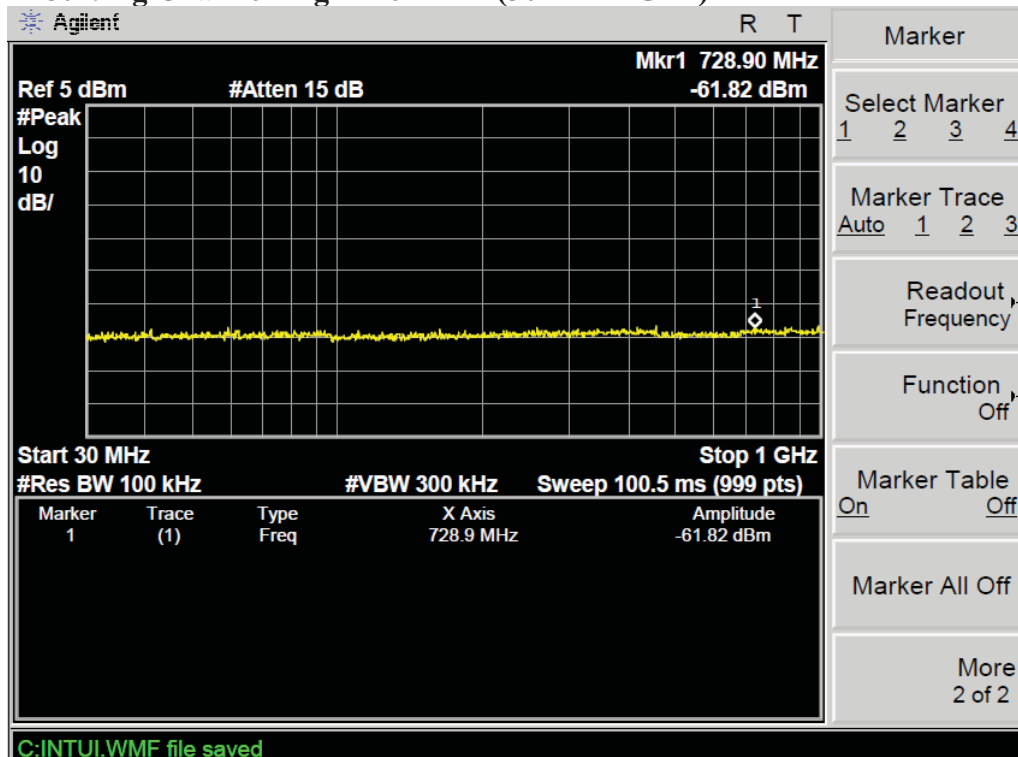
TX 802.11g Channel Middle 2437MHz (30MHz-1GHz)



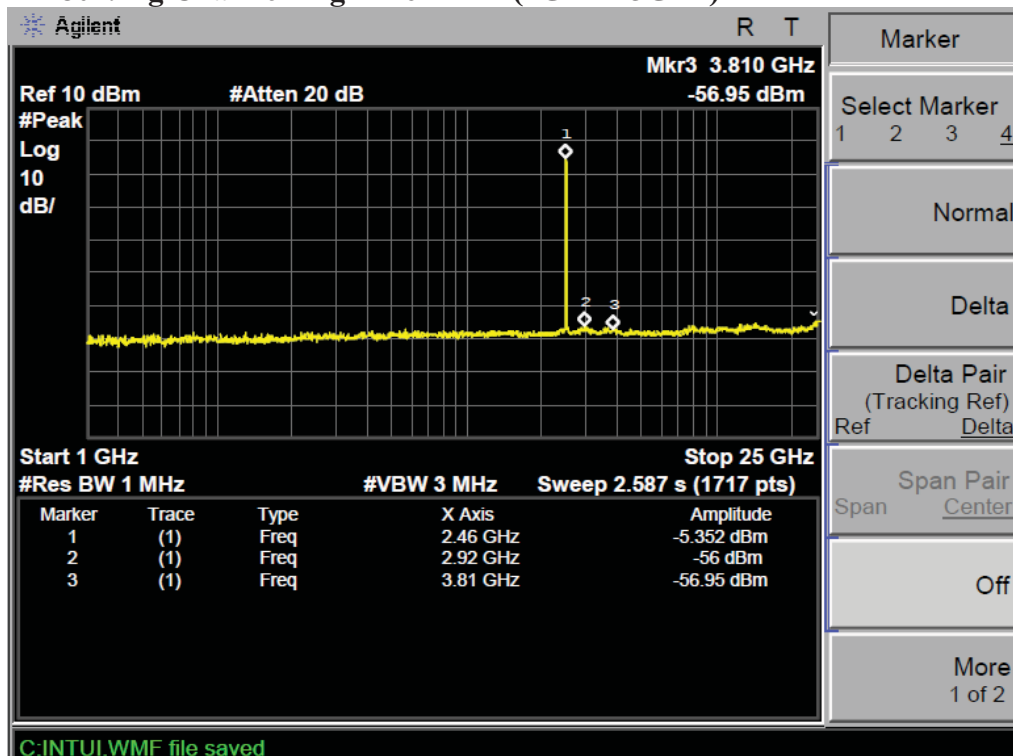
TX 802.11g Channel Middle 2437MHz



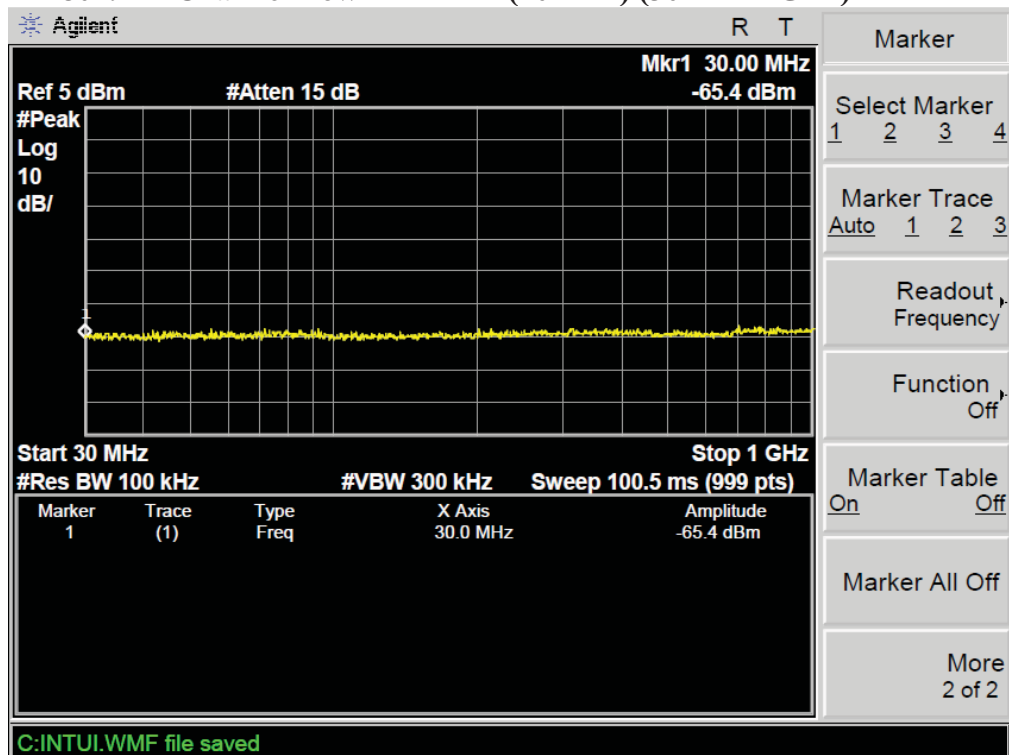
TX 802.11g Channel High 2462MHz (30MHz-1GHz)



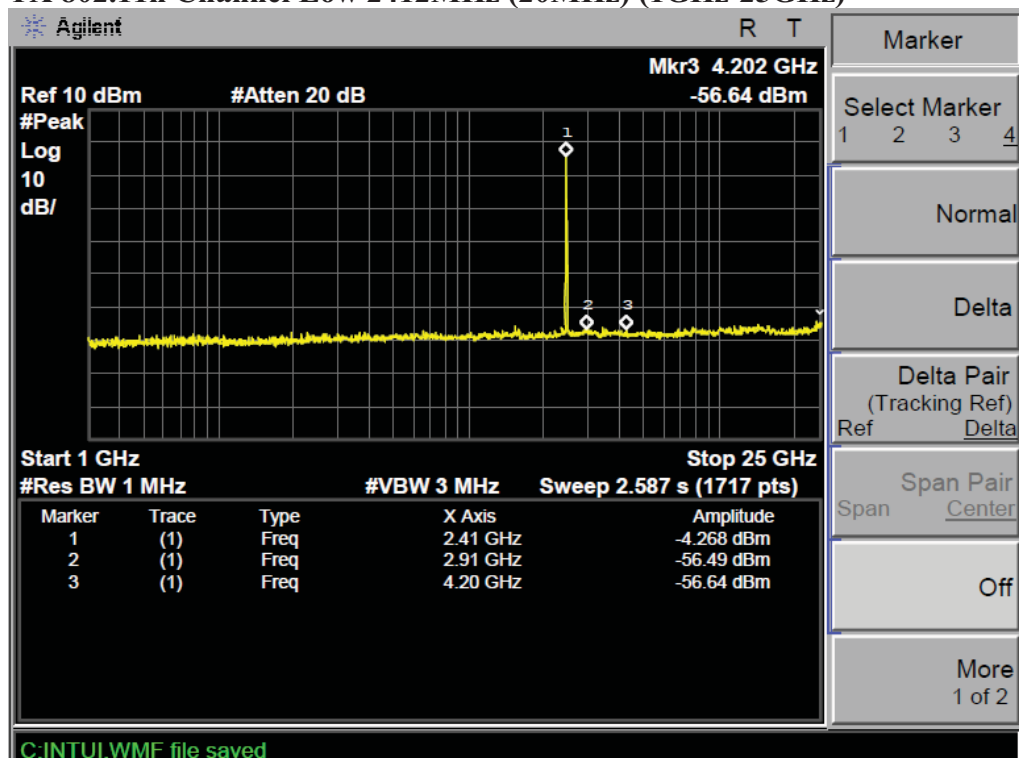
TX 802.11g Channel High 2462MHz (1GHz-25GHz)



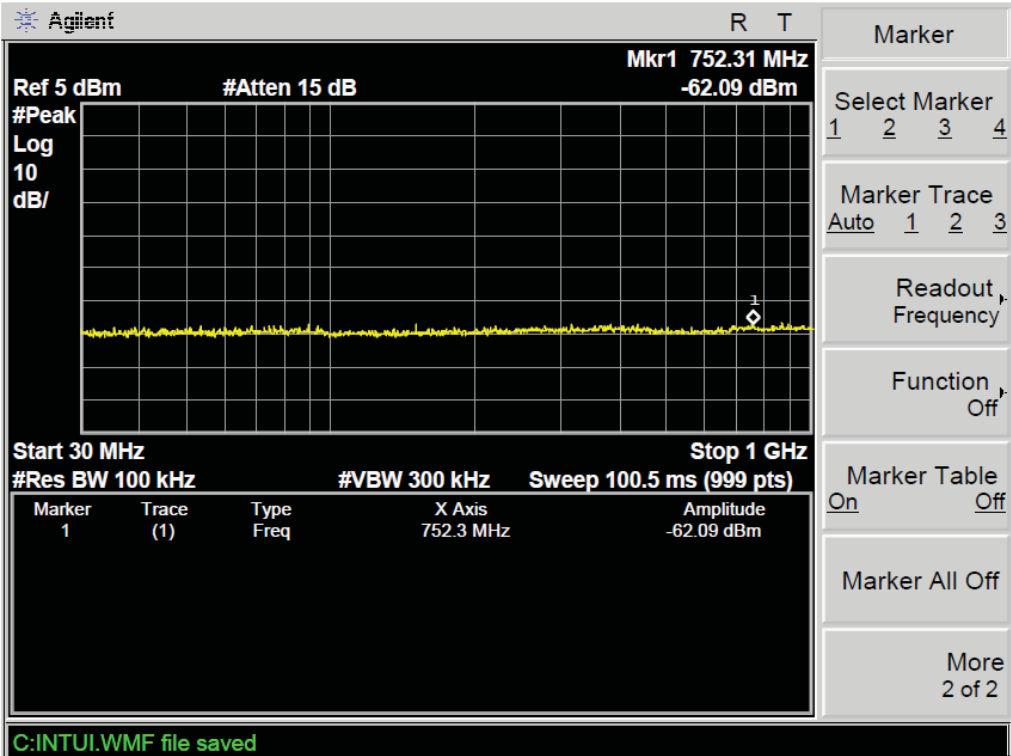
TX 802.11n Channel Low 2412MHz (20MHz) (30MHz-1GHz)



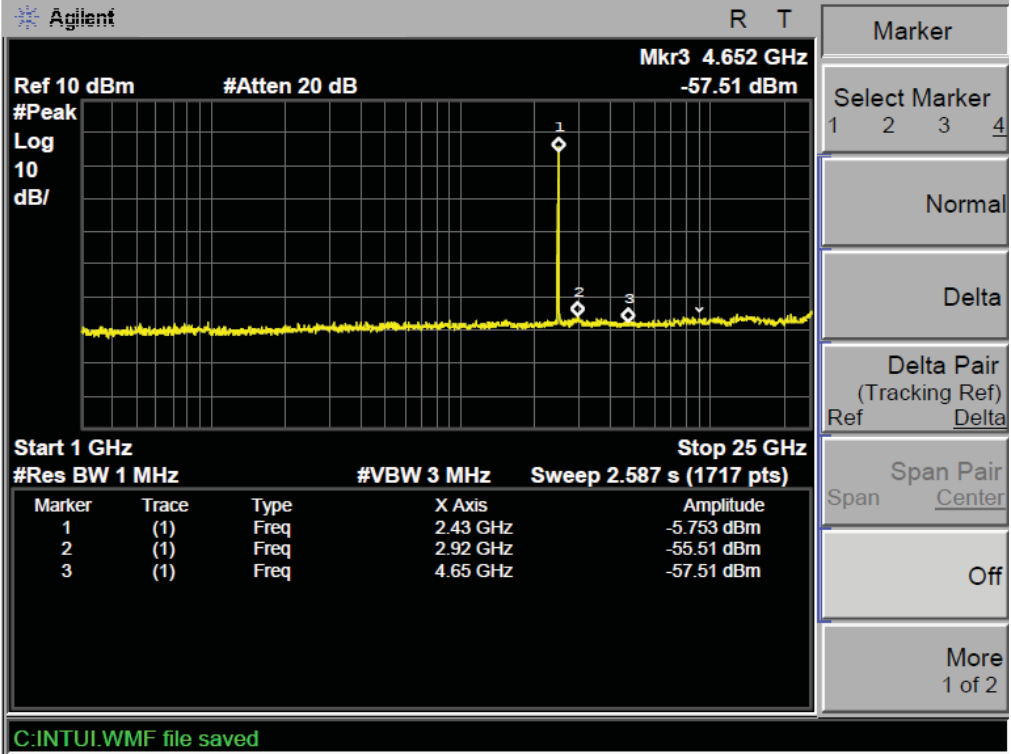
TX 802.11n Channel Low 2412MHz (20MHz) (1GHz-25GHz)



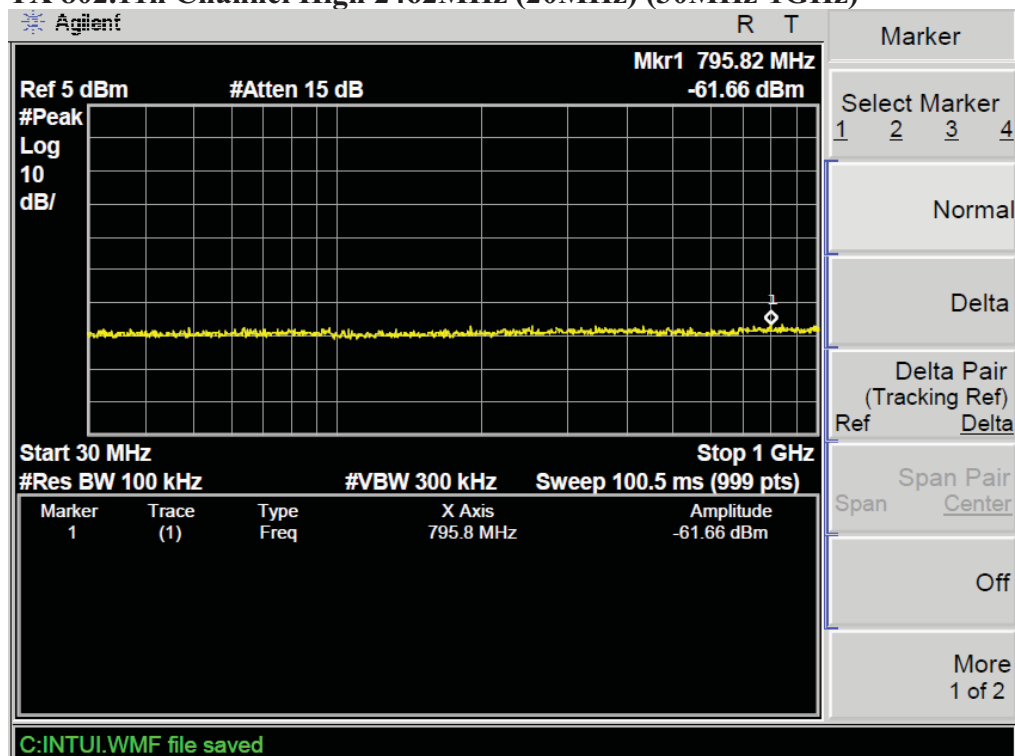
TX 802.11n Channel Middle 2437MHz (20MHz) (30MHz-1GHz)



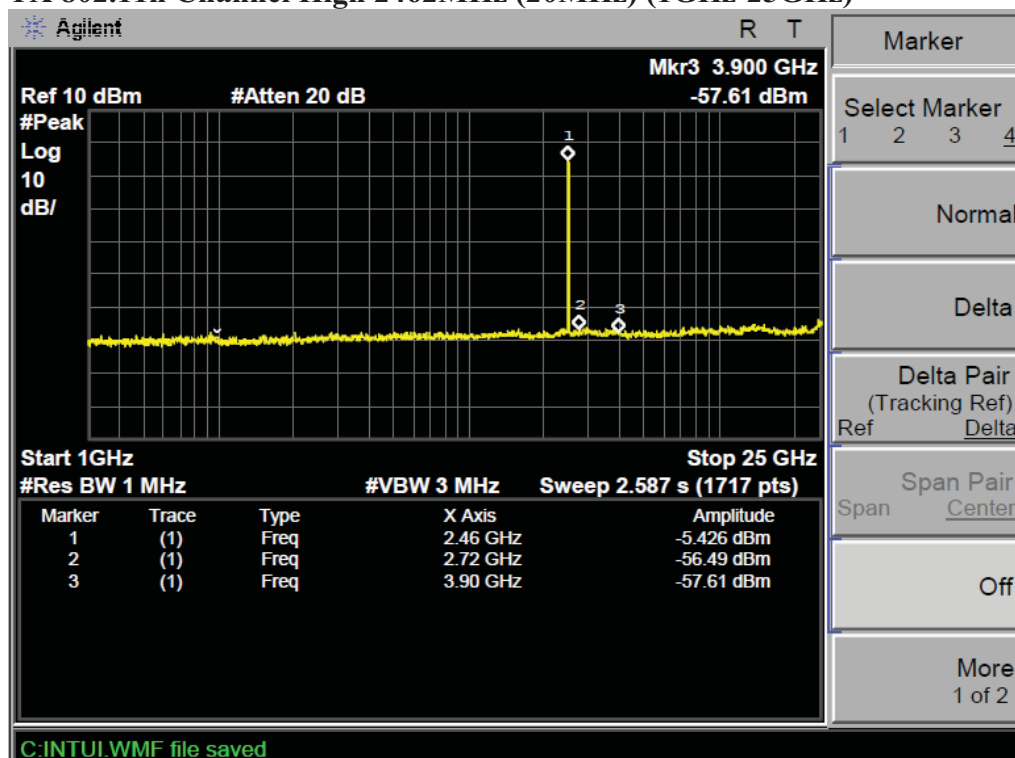
TX 802.11n Channel Middle 2437MHz (20MHz) (1GHz-25GHz)



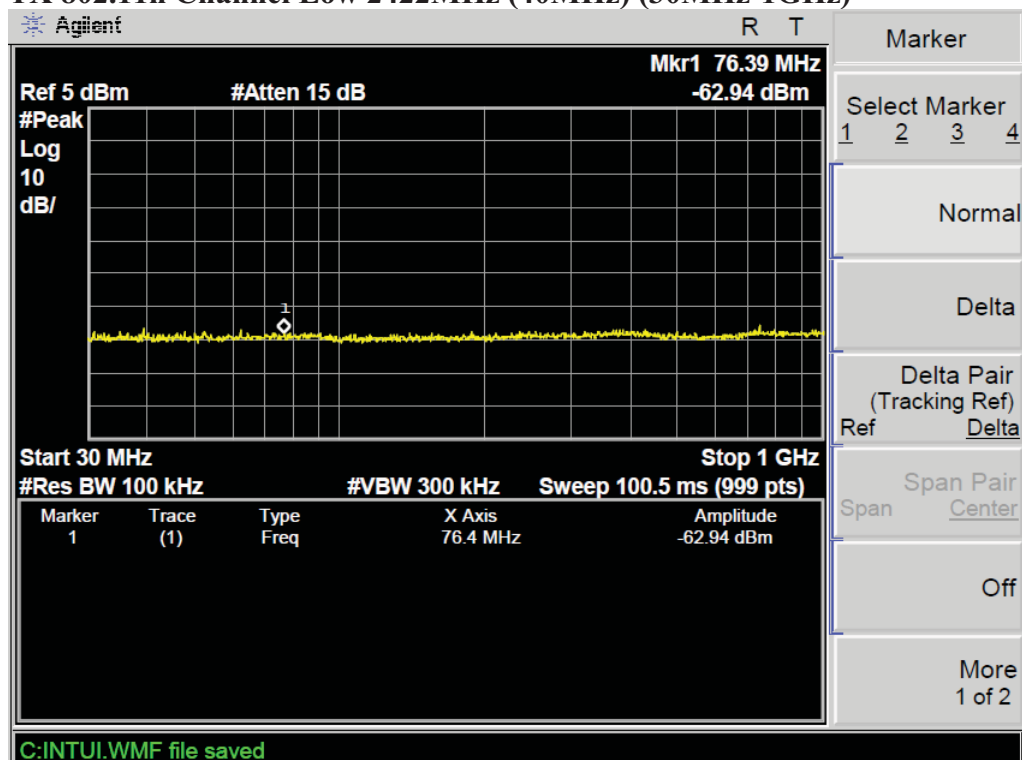
TX 802.11n Channel High 2462MHz (20MHz) (30MHz-1GHz)



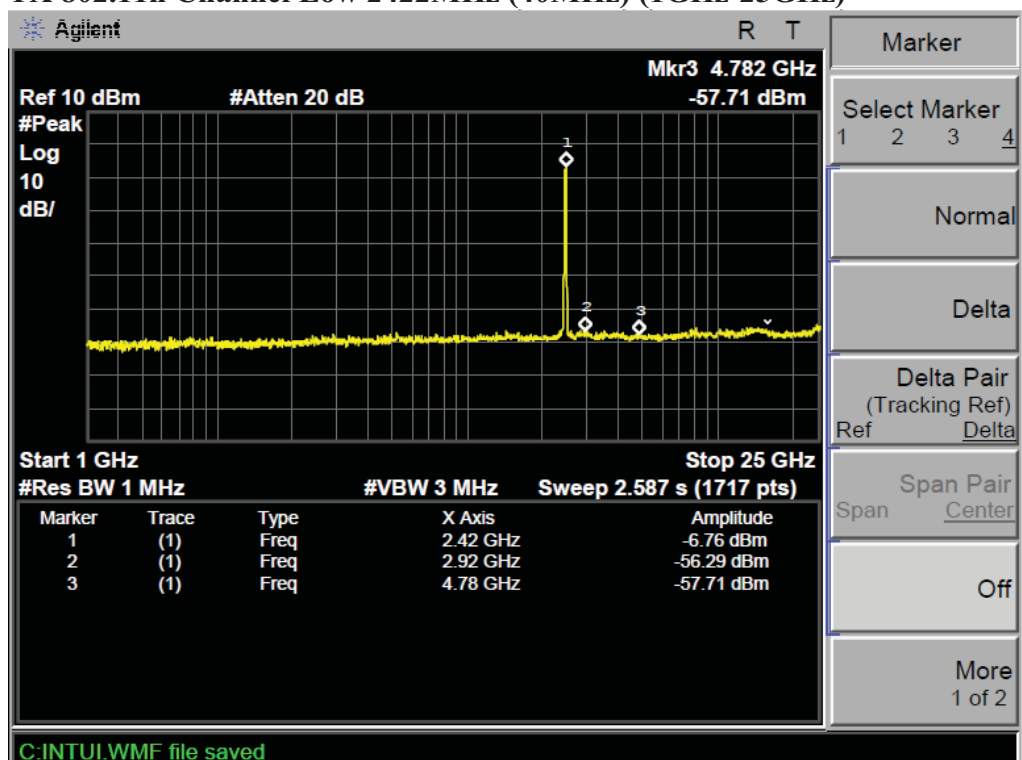
TX 802.11n Channel High 2462MHz (20MHz) (1GHz-25GHz)



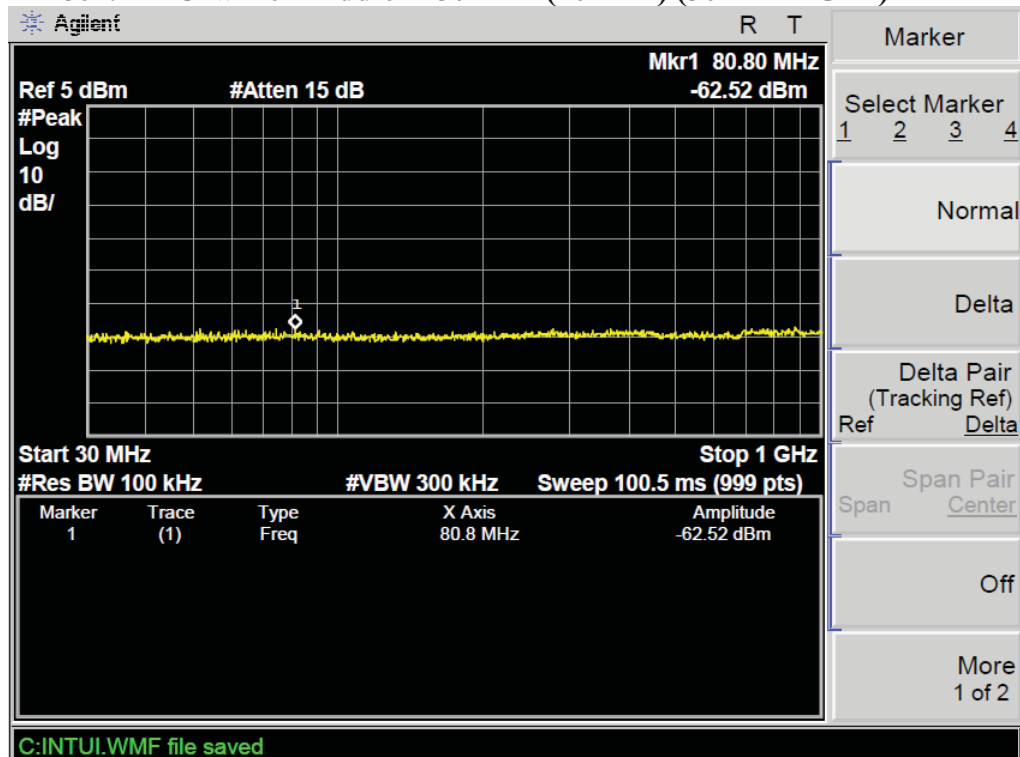
TX 802.11n Channel Low 2422MHz (40MHz) (30MHz-1GHz)



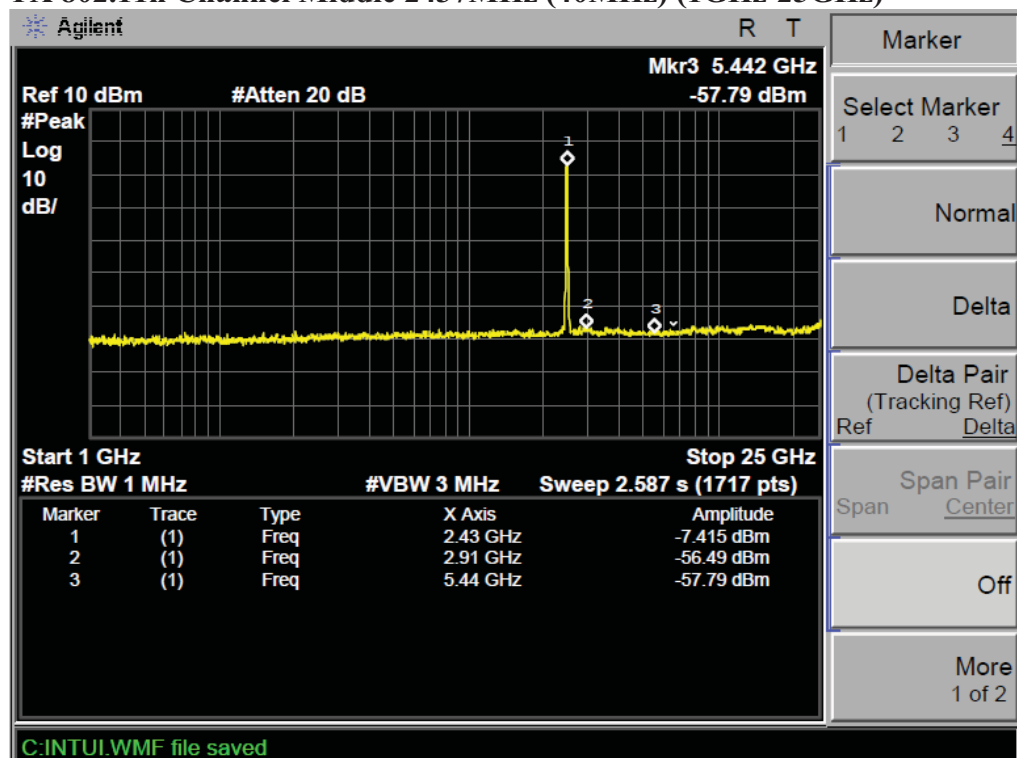
TX 802.11n Channel Low 2422MHz (40MHz) (1GHz-25GHz)



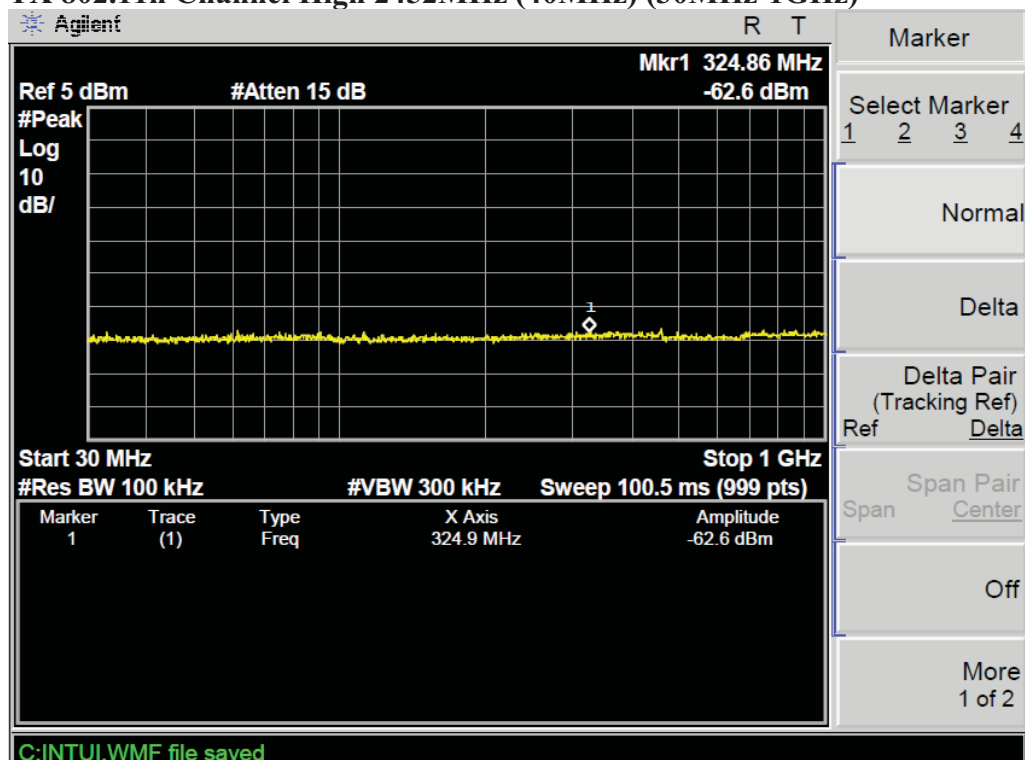
TX 802.11n Channel Middle 2437MHz (40MHz) (30MHz-1GHz)



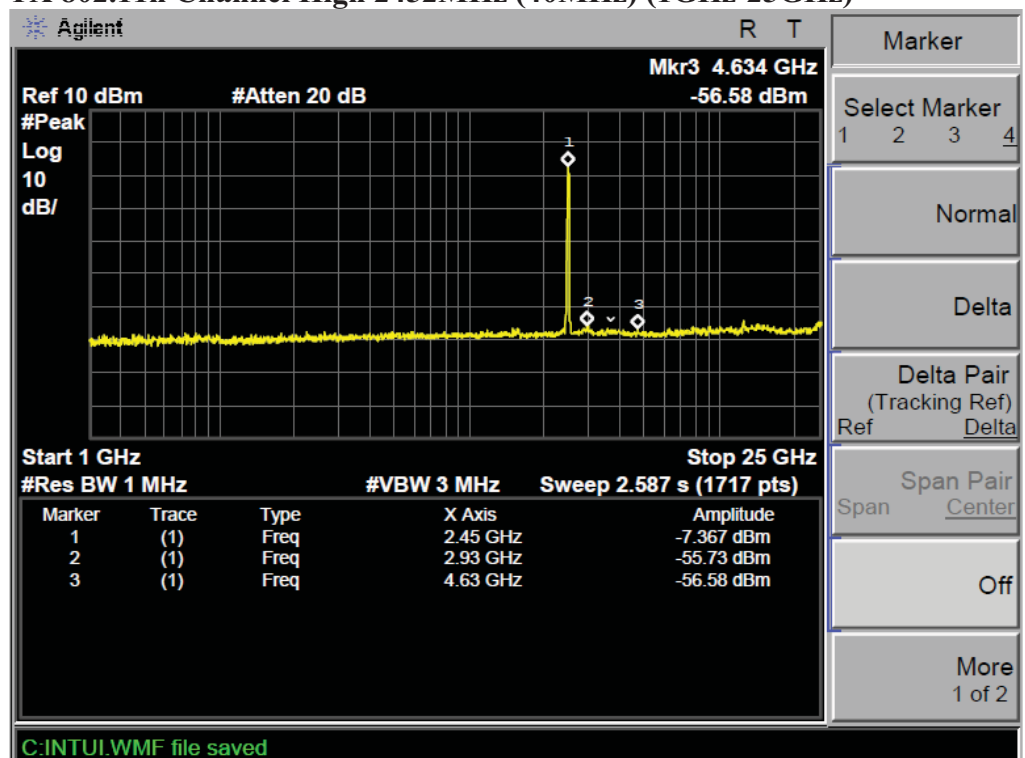
TX 802.11n Channel Middle 2437MHz (40MHz) (1GHz-25GHz)



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



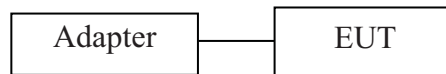
TX 802.11n Channel High 2452MHz (40MHz) (1GHz-25GHz)



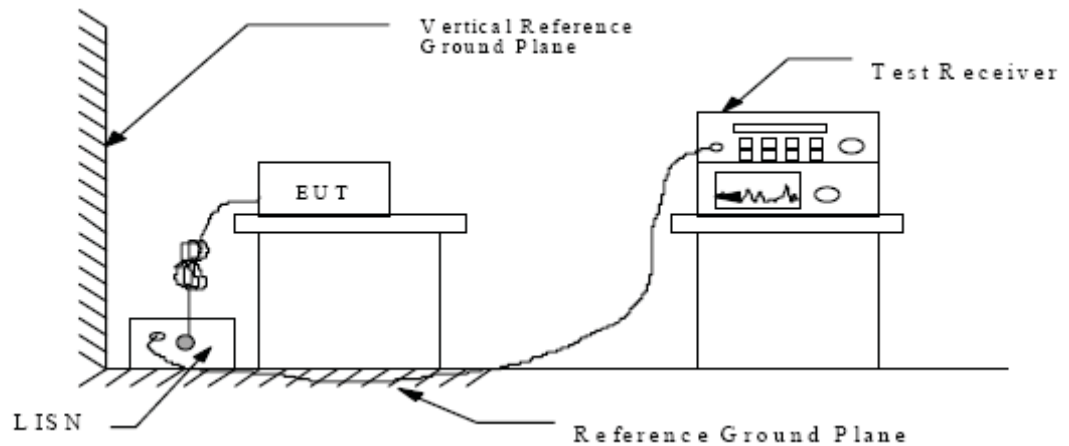
11.AC POWER LINE CONDUCTED EMISSION FOR FCC PART 15 SECTION 15.207(A)

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

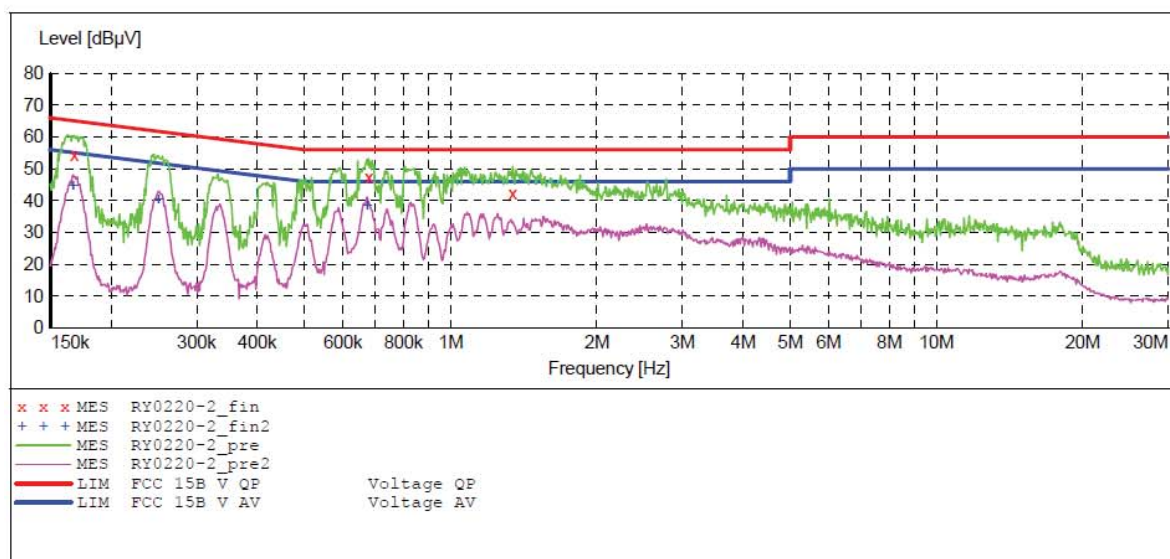
ACCURATE TECHNOLOGY CO.,LTD**CONDUCTED EMISSION STANDARD FCC PART15B**

EUT: MID M/N:M760
 Manufacturer: Sungworld
 Operating Condition: Operation
 Test Site: 1#Shielding Room
 Operator: Ricky
 Test Specification: N AC 120V/60Hz
 Comment:

Report No:ATE20140130

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 4.5 kHz QuasiPeak 1.0 s 9 kHz NSLK8126 2008
 Average

**MEASUREMENT RESULT: "RY0220-2_fin"**

2/20/2014 9:24AM

Frequency MHz	Level dBμV	Transd dB	Limit dBμV	Margin dB	Detector	Line	PE
0.167739	54.50	10.5	65	10.6	QP	N	GND
0.678320	47.20	10.8	56	8.8	QP	N	GND
1.342455	42.40	10.9	56	13.6	QP	N	GND

MEASUREMENT RESULT: "RY0220-2_fin2"

2/20/2014 9:24AM

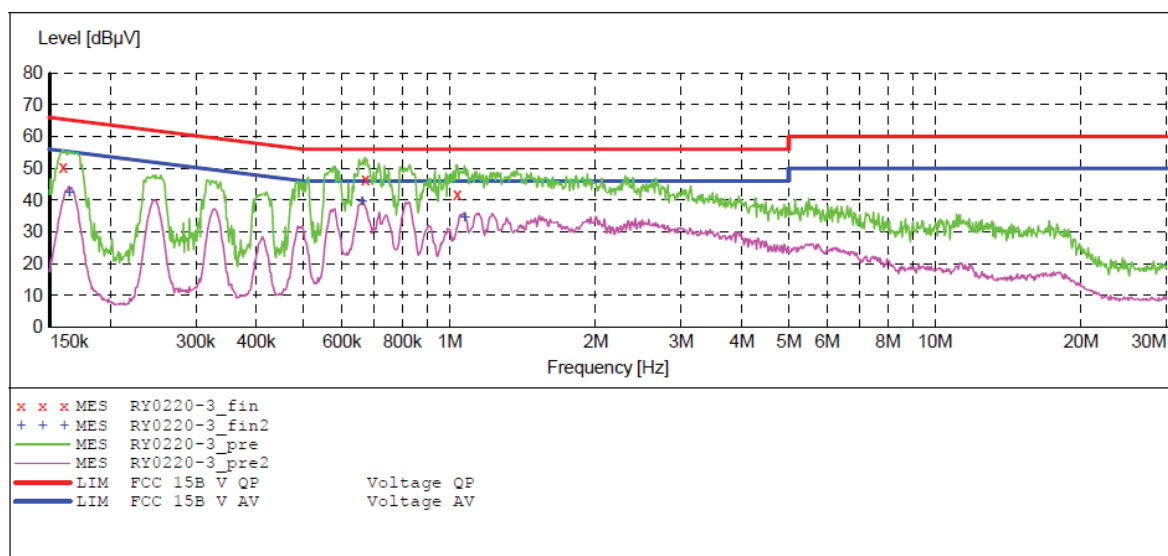
Frequency MHz	Level dBμV	Transd dB	Limit dBμV	Margin dB	Detector	Line	PE
0.167071	44.60	10.5	55	10.5	AV	N	GND
0.250038	40.30	10.6	52	11.5	AV	N	GND
0.672926	38.30	10.8	46	7.7	AV	N	GND

ACCURATE TECHNOLOGY CO., LTD**CONDUCTED EMISSION STANDARD FCC PART15B**

EUT: MID M/N:M760
 Manufacturer: Sungworld
 Operating Condition: Operation
 Test Site: 1#Shielding Room
 Operator: Ricky
 Test Specification: L AC 120V/60Hz
 Comment:
 Report No:ATE20140130

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 4.5 kHz QuasiPeak 1.0 s 9 kHz NSLK8126 2008
 Average

**MEASUREMENT RESULT: "RY0220-3_fin"**

2/20/2014 9:27AM

Frequency MHz	Level dBμV	Transd dB	Limit dBμV	Margin dB	Detector	Line	PE
0.159893	50.60	10.5	66	14.9	QP	L1	GND
0.670245	46.40	10.8	56	9.6	QP	L1	GND
1.035639	42.00	10.9	56	14.0	QP	L1	GND

MEASUREMENT RESULT: "RY0220-3_fin2"

2/20/2014 9:27AM

Frequency MHz	Level dBμV	Transd dB	Limit dBμV	Margin dB	Detector	Line	PE
0.164425	42.40	10.5	55	12.8	AV	L1	GND
0.659627	39.70	10.8	46	6.3	AV	L1	GND
1.073524	34.60	10.9	46	11.4	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.

