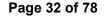
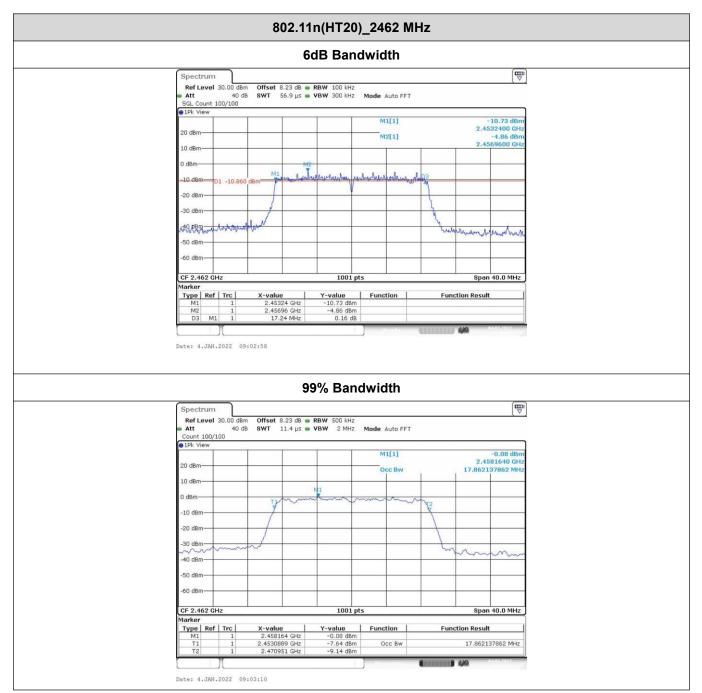


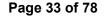
Add:Building 5, No. 316, Jianghong South Road Binjiang District, Hangzhou 310052, China



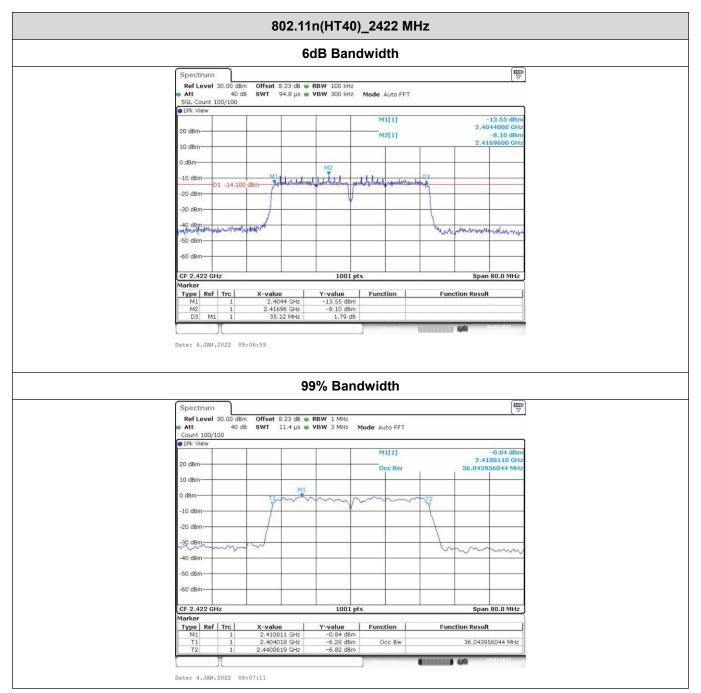


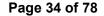


Add:Building 5, No. 316, Jianghong South Road Binjiang District, Hangzhou 310052, China

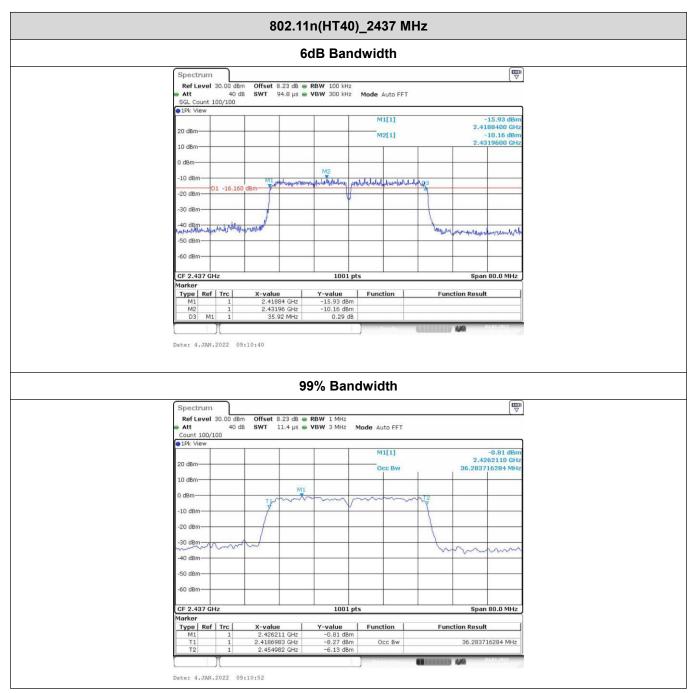


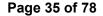




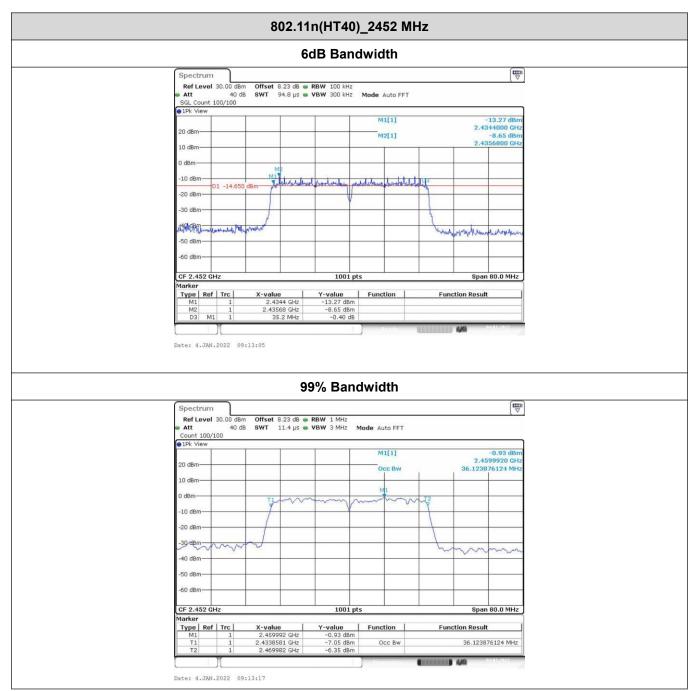












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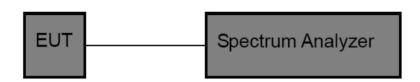
# 3.5. Band edge and Spurious Emission (Conducted)

## Limit

# FCC CFR Title 47 Part 15 Subpart C Section15.247 (d):

In any 100 kHz bandwidth outside the frequency band in which the spread spectrum 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.

## **Test Configuration**



## **Test Procedure**

- 1. Connect EUT RF Output port to the Spectrum Analyzer through an RF attenuator.
- 2. Spectrum Setting:

RBW=100KHz

VBW=300KHz.

Detector function: Peak.

Trace: Max hold. Sweep = Auto couple.

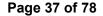
Allow the trace to stabilize.

## **Test Mode**

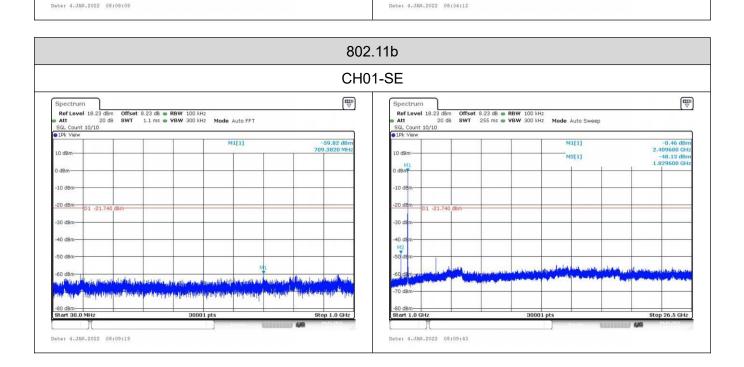
Please refer to the clause 2.2.

TRF No. FCC Part 15.247\_R1

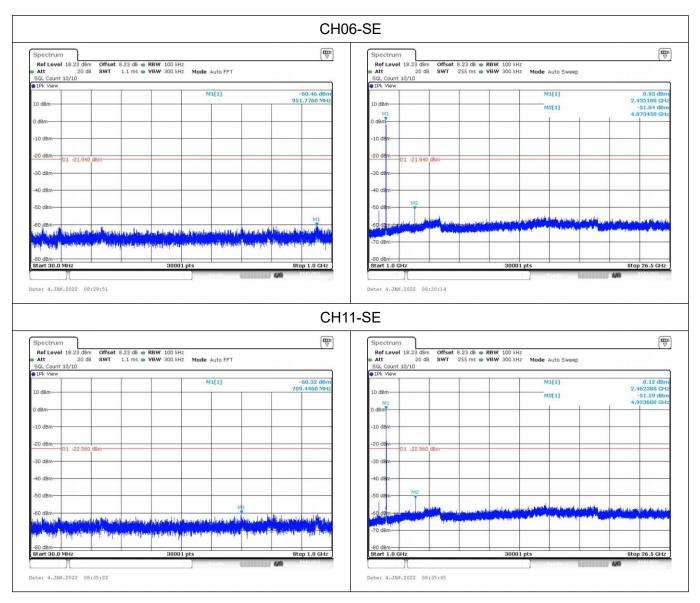
Add:Building 5, No. 316, Jianghong South Road Binjiang District, Hangzhou 310052, China

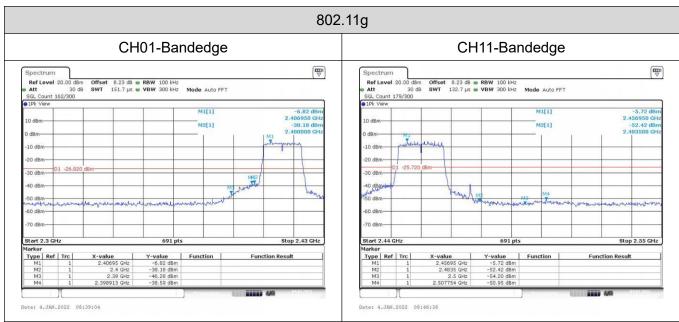


802.11b CH01-Bandedge CH11-Bandedge Ref Level 20.00 dBm Att 30 dB Ref Level 20.00 dBm Att 30 dB 00 dBm Offset 8.23 dB • RBW 100 kHz 30 dB SWT 132.7 µs • VBW 300 kHz Mode Auto FFT M1[1] hom Type Ref Trc Type Ref Trc Function Function **Function Result** Function Result

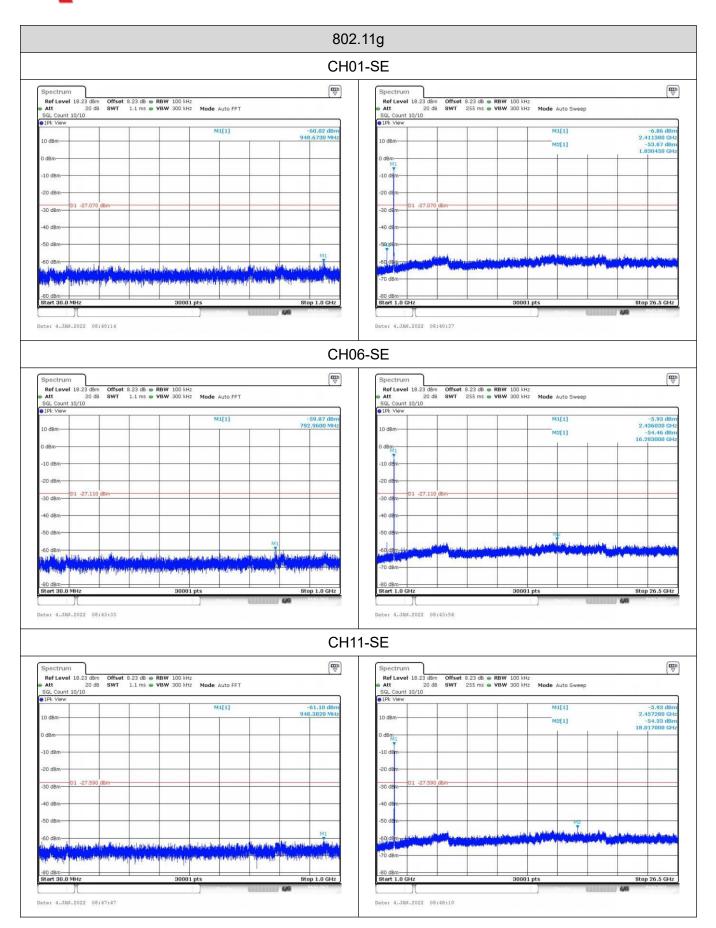


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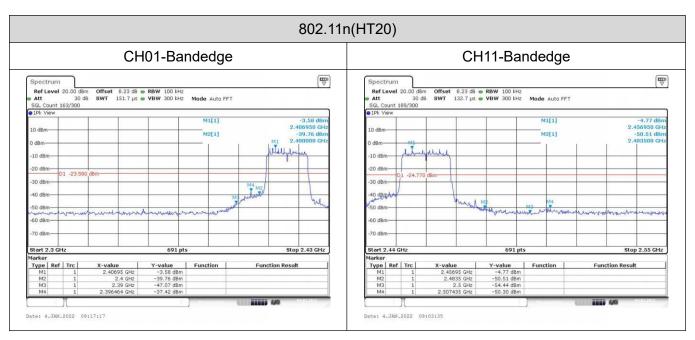
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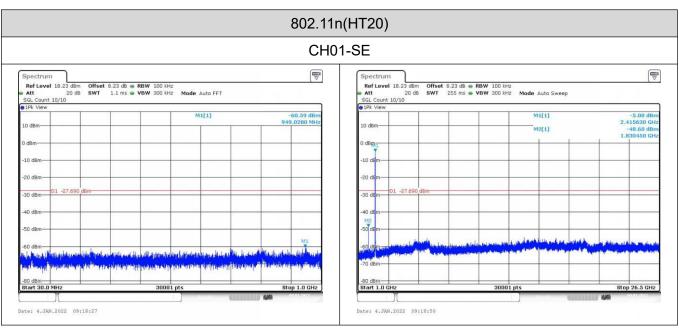


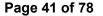
Add:Building 5, No. 316, Jianghong South Road Binjiang District, Hangzhou 310052, China



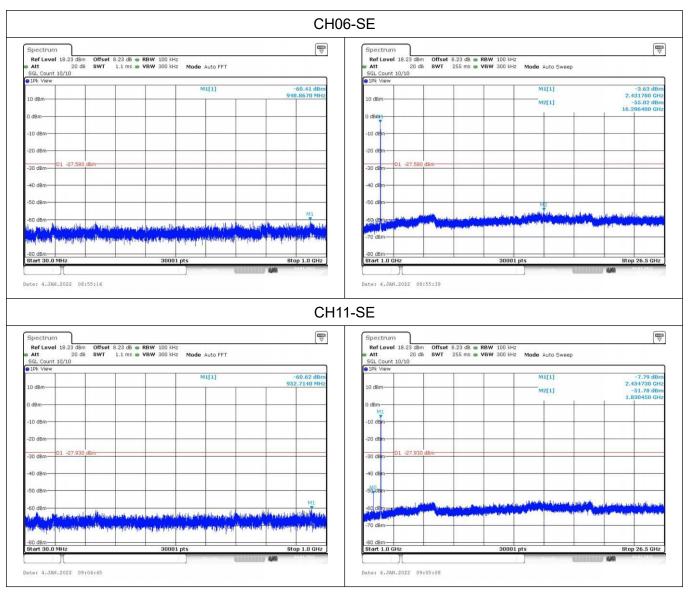


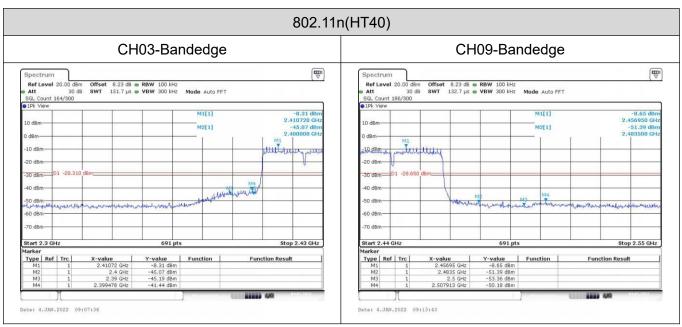




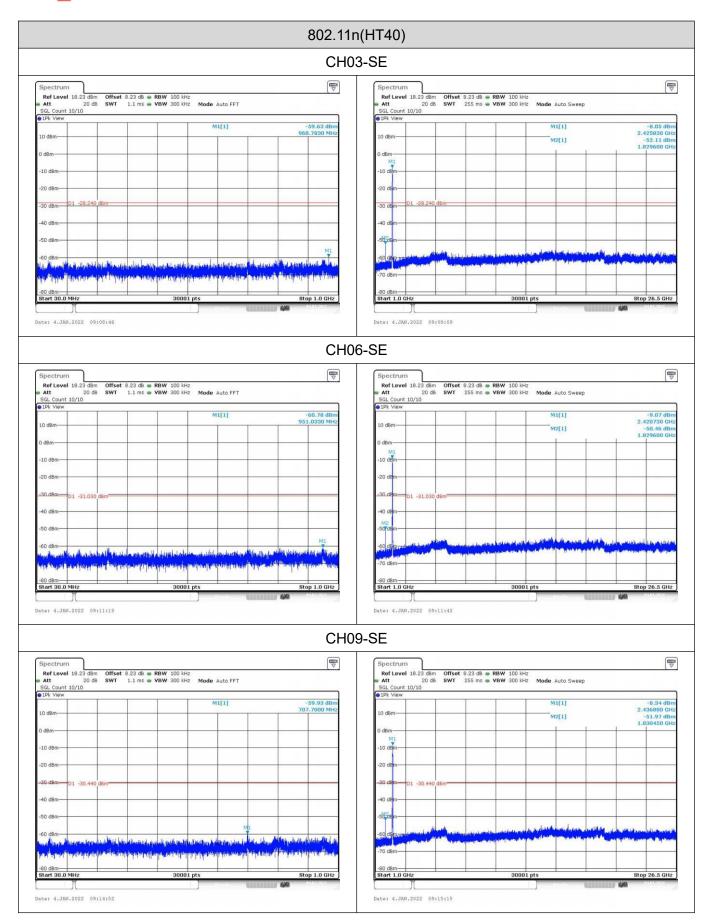








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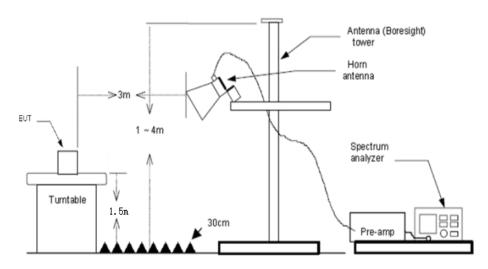
# 3.6. Band Edge Emissions(Radiated)

### Limit

Restricted Frequency Band	(dBuV/n	n)(at 3m)
(MHz)	Peak	Average
2310 ~2390	74	54
2483.5 ~2500	74	54

Note: All restriction bands have been tested, only the worst case is reported.

#### **Test Configuration**



#### **Test Procedure**

- 1. The EUT was setup and tested according to ANSI C63.10:2013 requirements.
- 2. The EUT is placed on a turn table which is 1.5 meter above ground. The turn table is rotated 360 degrees to determine the position of the maximum emission level.
- 3. The EUT was positioned such that the distance from antenna to the EUT was 3 meters.
- 4. The antenna is scanned from 1 meter to 4 meters to find out the maximum emission level. This is repeated for both horizontal and vertical polarization of the antenna. In order to find the maximum emission, all of the interface cables were manipulated according to ANSI C63.10:2013 on radiated measurement.
- 5. The receiver set as follow:

RBW=1MHz, VBW=3MHz PEAK detector for Peak value.

RBW=1MHz, VBW=10Hz with PEAK detector for Average Value.

## **Test Mode**

Please refer to the clause 2.2.

# **Test Results**

Note:

Measurement = Reading level + Correct Factor
 Correct Factor=Antenna Factor + Cable Loss -Preamplifier Factor

2. Pre-scan 802.11b, 802.11g, 802.11n(HT20) and 802.11n(HT40) mode, and found the 802.11g mode which it is worse case, so only show the test data for worse case.

## TRF No. FCC Part 15.247\_R1

Add:Building 5, No. 316, Jianghong South Road Binjiang District, Hangzhou 310052, China





Test V	oltage:			DO	C 5V			
Ant. P	ol.			Н	orizontal			
Test M				T	X 802.11g Mode	2412MHz		
90.0	dBuV/m							
80					(	more and the second period of the second of	CC Part 15C (P	PK)
70					V		M	
60						FC	CC Part \5C (A	.v)
50					3.4.		M	
40	74.75		1	Market Comment of the	put the later of t			My Wash
30	emerchelochide	pagnaggigt julipen and julipen providence de souther	mither the transfer of the state of the state of	Mile				peak
20								
10.0	5.000			(411-)				2425 000
233	5.000		Reading	Correct	Measure-			2435.000
No	o. Mk.	Freq.	Level	Factor	ment	Limit	Over	
		MHz	(dBu∀)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	Detector
	1	2370.240	45.89	-10.92	34.97	74.00	39.03	peak
	2	2378.850	49.40	-10.92	38.48	74.00	35.52	peak
	3	2390.000	53.34	-10.92	42.42	74.00	31.58	peak
	4	2393.890	56.99	-10.92	46.07	74.00	27.93	peak
	5	2398.740	62.16	-10.92	51.24	74.00	22.76	peak
1	6 <sup>*</sup>	2400.000	62.81	-10.92	51.89	74.00	22.11	peak
Meası	urement	= Reading leve	l + Correct Fa	ctor				





Test Voltage:		DC	5V			
Ant. Pol.		Vei	tical			
Test Mode:		TX	802.11g Mode 2	2412 MHz		
90.0 dBuV/m						
				who we do the water had before	and h	
80			1		C Part 15C (PK	3)
70						
60					1	
35.50			g	FC	C Part 15C (AV	N
50	an ancient substantial and format had	2	5 Surveyor		March	Manusian peak
40	1	Jan Sundah	AWW.			
Au Jal II	announced with the way had	N. and (Mappe				
30	2011					
20						
10.0 2335.000		(MHz)				2435.000
and Andrews Interes	Reading	Correct	Measure	DE ENGLISH	101 <u></u> 1000 - 0.000	
No. Mk. Freq.	Level	Factor	ment	Limit	Over	
MHz	(dBuV)	(dB/m)	(dBu∀/m)	(dBuV/m)	(dB)	Detector
1 2371.750	49.90	-10.92	38.98	74.00	35.02	peak
2 2379.730	54.00	-10.92	43.08	74.00	30.92	peak
3 2383.710	55.64	-10.92	44.72	74.00	29.28	peak
4 2390.000	55.61	-10.92	44.69	74.00	29.31	peak
5 2394.000	60.08	-10.91	49.17	74.00	24.83	peak
6 * 2400.000	64.17	-10.92	53.25	74.00	20.75	peak
Measurement = Reading level	+ Correct Fac	ctor				

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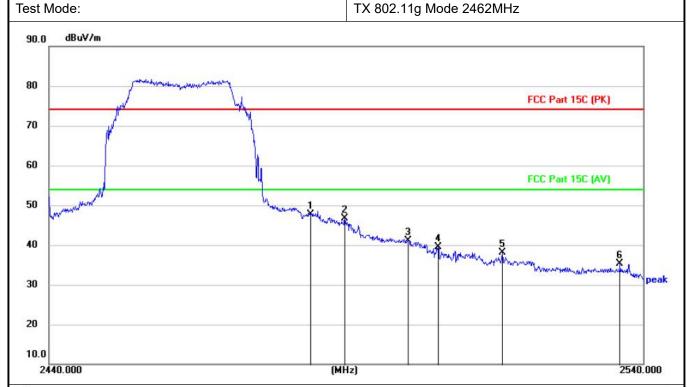
Test Voltage:

DC 5V

Ant. Pol.

Horizontal

TV 000 44 to Made 0400MHz



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over	
		MHz	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	Detector
1	*	2483.500	58.58	-10.88	47.70	74.00	26.30	peak
2		2489.340	57.52	-10.89	46.63	74.00	27.37	peak
3		2500.000	51.96	-10.88	41.08	74.00	32.92	peak
4		2505.070	50.31	-10.89	39.42	74.00	34.58	peak
5		2515.940	49.06	-10.87	38.19	74.00	35.81	peak
6		2536.040	46.22	-10.86	35.36	74.00	38.64	peak

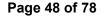
**Measurement = Reading level + Correct Factor** 





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	age:				DC 5V			
Ant. Pol.					Vertical			
Test Mod	de:				TX 802.11g Mode	2462MHz		
90.0	dBuV/m							
80		Ja shares many the	mhainning he			FCC	C Part 15C (PK)	
70		W	1					
60								
60	J.	N .	N <sub>L</sub>	1		FCC	Part 15C (AV)	
50	Market Ville		"May	1 12 3 4				
40				The state of the s	the Mily prosess we want & second was to second			
					Server markeness	retornamentender	malaneer make make make make make make make make	revoreskrapevy
30								peak
20								
10.0								
225.200.200								
2440	0.000		Dooding	(MI	(1905) (1906) (1	В		2540.000
2440.	Mk.	Freq.	Reading Level	Corre Facto	ct Measure	Limit	Over	2540.000
2440.		Freq.	031	Corre	ct Measure or ment		Over	
2440.		270 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Level	Corre Facto	ct Measure- or ment	Limit		Detecto
2440	Mk.	MHz	(dBuV)	Corre Facto	ct Measure- or ment n) (dBuV/m) 9 52.11	Limit (dBuV/m)	(dB)	Detecto peak
No.	Mk.	MHz 2480.320	(dBuV) 63.00	Corre Facto (dB/m	ct Measure- or ment n) (dBuV/m) 9 52.11 8 47.95	(dBuV/m) 74.00	(dB) 21.89	Detecto peak peak
No. 1	Mk.	MHz 2480.320 2483.500	(dBuV) 63.00 58.83	(dB/n -10.89	ct Measure- or ment (dBuV/m) 9 52.11 8 47.95 8 47.91	(dBuV/m) 74.00 74.00	(dB) 21.89 26.05	Detecto peak peak peak
No. 1 2 3	Mk.	MHz 2480.320 2483.500 2486.710	(dBuV) 63.00 58.83 58.79	Corre Facto (dB/m -10.89 -10.89	ct Measure- or ment h) (dBuV/m) 9 52.11 8 47.95 8 47.91 9 44.70	Cimit (dBuV/m) 74.00 74.00 74.00	(dB) 21.89 26.05 26.09	Detector peak peak peak peak
No. 1 2 3 4	Mk.	MHz 2480.320 2483.500 2486.710 2488.950	(dBuV) 63.00 58.83 58.79 55.59	Corre Facto (dB/m -10.89 -10.89 -10.89	ct Measurement (dBuV/m) 9 52.11 8 47.95 8 47.91 9 36.76	Cimit (dBuV/m) 74.00 74.00 74.00 74.00	(dB) 21.89 26.05 26.09 29.30	Detector peak peak peak peak peak peak





# 3.7. Spurious Emission (Radiated)

## Limit

## Radiated Emission Limits (9 kHz~1000 MHz)

Frequency (MHz)	Field Strength (microvolt/meter)	Measurement Distance (meters)
0.009~0.490	2400/F(KHz)	300
0.490~1.705	24000/F(KHz)	30
1.705~30.0	30	30
30~88	100	3
88~216	150	3
216~960	200	3
Above 960	500	3

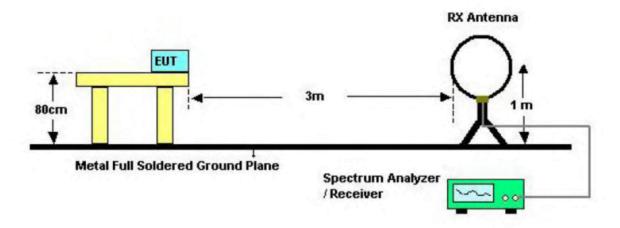
### Radiated Emission Limit (Above 1000MHz)

Frequency	Distance Meters(at 3m)  Peak Average	eters(at 3m)
(MHz)	Peak	Average
Above 1000	74	54

## Note:

- (1) The tighter limit applies at the band edges.
- (2) Emission Level (dBuV/m)=20log Emission Level (uV/m).

# **Test Configuration**

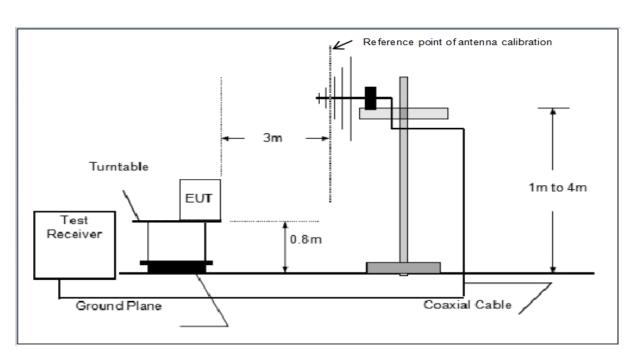


Below 30MHz Test Setup

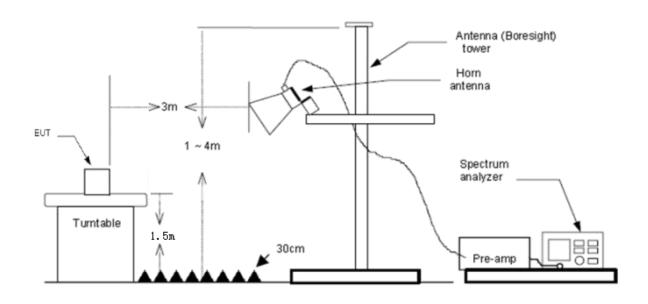
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Below 1000MHz Test Setup



Above 1GHz Test Setup

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#### **Test Procedure**

- 1. The EUT was setup and tested according to ANSI C63.10:2013
- 2. The EUT is placed on a turn table which is 0.8 meter above ground for below 1 GHz, and 1.5 m for above 1 GHz. The turn table is rotated 360 degrees to determine the position of the maximum emission level.
- 3. The EUT was set 3 meters from the receiving antenna, which was mounted on the top of a variable height antenna tower.
- 4. For each suspected emission, the EUT was arranged to its worst case and then tune the Antenna tower (from 1 m to 4 m) and turntable (from 0 degree to 360 degrees) to find the maximum reading. A pre-amp and a high pass filter are used for the test in order to get better signal level to comply with the guidelines.
- 5. Set to the maximum power setting and enable the EUT transmit continuously.
- 6. Use the following spectrum analyzer settings
  - (1) Span shall wide enough to fully capture the emission being measured;
  - (2) Below 1 GHz:

RBW=120 kHz, VBW=300 kHz, Sweep=auto, Detector function=peak, Trace=max hold;

If the emission level of the EUT measured by the peak detector is 3 dB lower than the applicable limit, the peak emission level will be reported. Otherwise, the emission measurement will be repeated using the quasi-peak detector and reported.

(3) From 1 GHz to 10<sup>th</sup> harmonic:

RBW=1MHz, VBW=1MHz Peak detector for Peak value.

RBW=1MHz, VBW=10Hz Peak detector for Average value.

#### **Test Mode**

Please refer to the clause 2.2

#### **Test Result**

#### 9 KHz~30 MHz and 18GHz~25GHz

From 9 KHz~30 MHz and 18GHz~25GHz: Conclusion: PASS

#### Note:

- Measurement = Reading level + Correct Factor
   Correct Factor=Antenna Factor + Cable Loss -Preamplifier Factor
- 2) The peak level is lower than average limit(54 dBuV/m), this data is the too weak instrument of signal is unable to test.
- 3) The emission levels of other frequencies are very lower than the limit and not show in test report.
- 4) The amplitude of spurious emissions which are attenuated by more than 20dB below the permissible value has no need to be reported.
- 5) Pre-scan 802.11b/g/n(HT20/HT40) modulation, found 802.11g\_2412MHz which it is worse case for 30MHz-1GHz, the 802.11g modulation which it is worse case for above 1GHz, so only show the test data for worse case.

#### **BELOW 30MHZ**

No emission found between lowest internal used/generated frequencies to 30MHz.

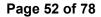
TRF No. FCC Part 15.247\_R1

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Test	Volta	ge:			DC	C 5V			
Ant.	Pol.				Ho	orizontal			
Test	Mode	e:			TX	( 802.11g Mode	2412MHz		
80.0	dB	uV/m							
70									
60							E00 D . 450		
50							FUL Part 15U	(30MHz-1GHz) Margin -6	
40									
30									
20			, A			1 1.4	white washington	north the most for and then	MEMILIAN
10 0.0	white way	Markey Mary	About the state of	James Brand	hough and house had	and have and many desired	(cor		
	30.000		60	100	(MHz)		500		1000.0
	No.	Mk	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over	
<i>1</i> 55			MHz	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	Detector
	1	*	72.2362	37.33	-19.93	17.40	40.00	-22.60	QP
-	2		102.9356	28.41	-17.86	10.55	43.50	-32.95	QP
(3)	3		152.4501	30.32	-21.34	8.98	43.50	-34.52	QP
ØS =	4		333.3359	26.87	-13.24	13.63	46.00	-32.37	QP
80	5		433.3047	30.64	-10.51	20.13	46.00	-25.87	QP
-	6		853.4260	24.57	-5.15	19.42	46.00	-26.58	QP
Mea	surer	nent :	= Reading Leve	el+ Correct Fac	ctor				

Add: Building 5, No. 316, Jianghong South Road Binjiang District, Hangzhou 310052, China





Test Voltage:

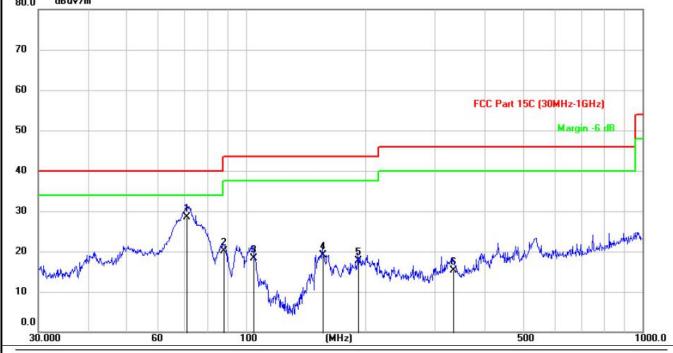
Ant. Pol.

Vertical

Test Mode:

TX 802.11g Mode 2412MHz

80.0 dBuV/m

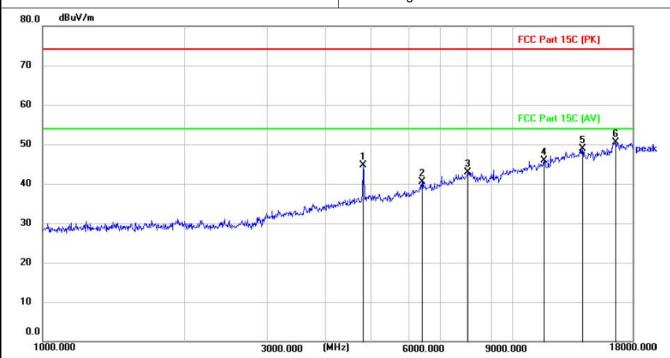


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over	
		MHz	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	Detector
1	*	71.0554	48.34	-19.83	28.51	40.00	-11.49	QP
2		87.9402	40.20	-20.16	20.04	40.00	-19.96	QP
3		104.4993	36.38	-17.98	18.40	43.50	-25.10	QP
4		156.4028	40.33	-21.23	19.10	43.50	-24.40	QP
5		192.0142	36.06	-18.34	17.72	43.50	-25.78	QP
6		332.8687	28.58	-13.26	15.32	46.00	-30.68	QP

Measurement = Reading Level+ Correct Factor



Test Voltage:	DC 5V
Ant. Pol.	Horizontal
Test Mode:	TX 802.11g Mode 2412MHz
oo o	



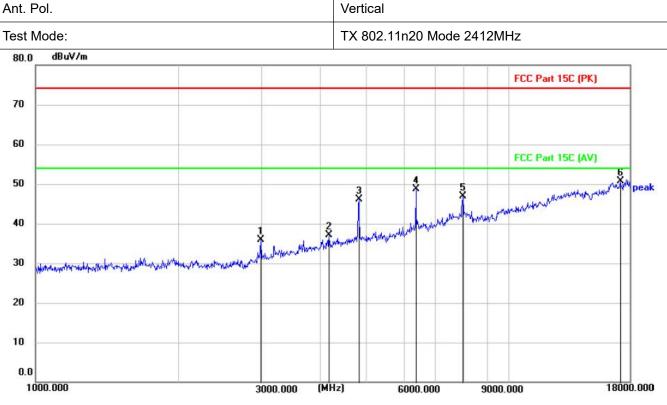
No.	Mk	. Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over	
		MHz	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	Detector
1		4814.800	50.58	-5.89	44.69	74.00	29.31	peak
2		6414.500	42.94	-2.40	40.54	74.00	33.46	peak
3		8049.900	40.87	2.06	42.93	74.00	31.07	peak
4	8	11681.100	38.58	7.23	45.81	74.00	28.19	peak
5		14086.600	37.82	11.12	48.94	74.00	25.06	peak
6	*	16592.400	36.80	13.67	50.47	74.00	23.53	peak

Measurement = Reading level + Correct Factor





Test Voltage: DC 5V



	Over	Limit	Measure- ment	Correct Factor	Reading Level	Freq.	Mk	No.
Detector	(dB)	(dBuV/m)	(dBuV/m)	(dB/m)	(dBuV)	MHz		
peak	38.15	74.00	35.85	-10.60	46.45	2990.700		1
peak	36.93	74.00	37.07	-7.86	44.93	4170.500		2
peak	27.97	74.00	46.03	-5.86	51.89	4826.700		3
peak	25.32	74.00	48.68	-2.55	51.23	6370.300		4
peak	27.10	74.00	46.90	2.07	44.83	7998.900		5
peak	23.20	74.00	50.80	13.19	37.61	7226.500	* .	6

Measurement = Reading level + Correct Factor

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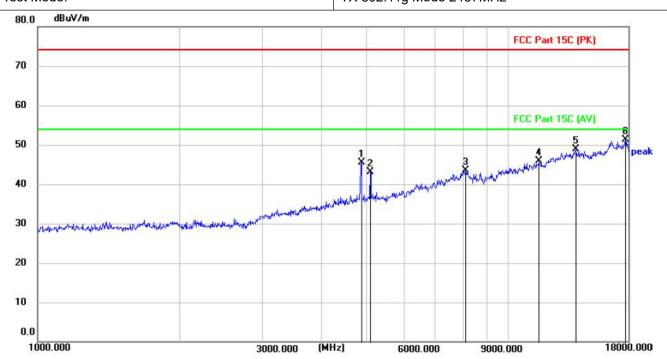




 Test Voltage:
 DC 5V

 Ant. Pol.
 Horizontal

 Test Mode:
 TX 802.11g Mode 2437MHz



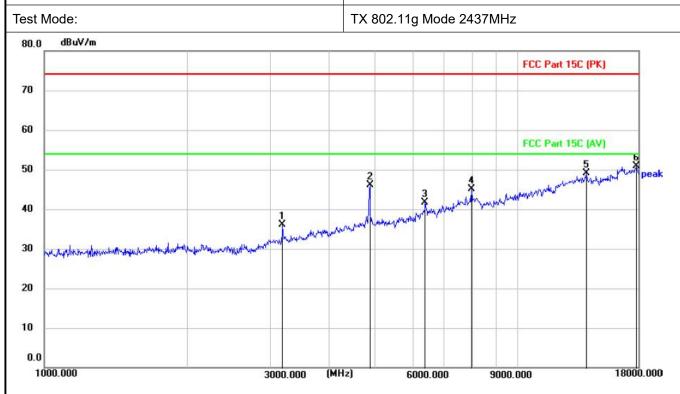
No.	Mk	. Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over	
		MHz	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	Detector
1		4874.300	51.32	-5.74	45.58	74.00	28.42	peak
2		5100.400	48.47	-5.30	43.17	74.00	30.83	peak
3		8131.500	41.51	2.04	43.55	74.00	30.45	peak
4	174	11643.700	38.83	7.15	45.98	74.00	28.02	peak
5	8.	13926.800	37.70	11.14	48.84	74.00	25.16	peak
6	* •	17753.500	37.70	13.51	51.21	74.00	22.79	peak

Measurement = Reading level + Correct Factor





Test Voltage: DC 5V
Ant. Pol. Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over	
		MHz	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	Detector
1		3193.000	46.28	-10.23	36.05	74.00	37.95	peak
2		4882.800	51.73	-5.71	46.02	74.00	27.98	peak
3		6392.400	44.14	-2.48	41.66	74.00	32.34	peak
4		7995.500	42.96	2.06	45.02	74.00	28.98	peak
5	1	4033.900	38.00	11.18	49.18	74.00	24.82	peak
6	* 1	7833.400	37.28	13.55	50.83	74.00	23.17	peak

Measurement = Reading level + Correct Factor



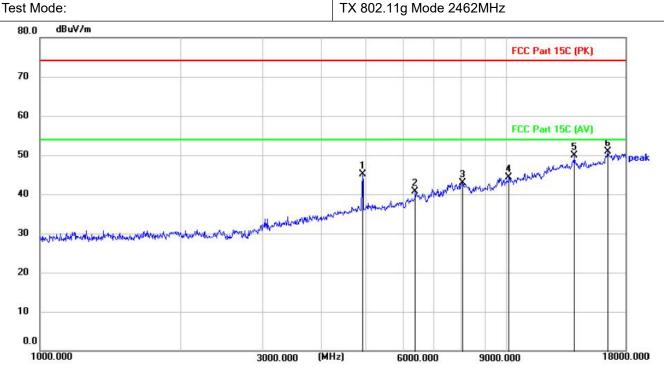


Ant. Pol.

Test Voltage: DC 5V

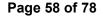
Horizontal

Test Mode:



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over	
20		MHz	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	Detector
1	3	4916.800	50.77	-5.61	45.16	74.00	28.84	peak
2		6382.200	43.28	-2.51	40.77	74.00	33.23	peak
3		8063.500	40.93	2.06	42.99	74.00	31.01	peak
4	1	0146.000	39.91	4.32	44.23	74.00	29.77	peak
5	1	4011.800	38.74	11.21	49.95	74.00	24.05	peak
6	* 1	6514.200	37.09	13.79	50.88	74.00	23.12	peak

**Measurement = Reading level + Correct Factor** 





Test Voltage: DC 5V Ant. Pol. Vertical TX 802.11g Mode 2462MHz Test Mode: dBuV/m 80.0 FCC Part 15C (PK) 70 60 FCC Part 15C (AV) 40 20 10 0.0 1000.000 3000.000 (MHz) 6000.000 9000.000 18000.000 Reading Correct Measure-Limit Over No. Mk. Freq. Factor Level ment MHz (dBuV) (dBuV/m) (dBuV/m) (dB) (dB/m) Detector 1 3196.400 46.17 -10.2335.94 74.00 38.06 peak 2 4923.600 55.40 -5.6049.80 74.00 24.20 peak

-2.53

1.99

11.22

13.24

42.20

44.34

48.95

50.67

74.00

74.00

74.00

74.00

31.80

29.66

25.05

23.33

peak

peak

peak

peak

Measurement =	Reading level +	Correct Factor

6377,100

7968.300

13982.900

16866.100

### Note:

3

4

5

6

- 1.All test modes had been tested. The 802.11g modulation is the worst case and recorded in the report.
- $2.\ 18 GHz\mbox{-}26.5 GHz$  is the background of the site, there is no radiated spurious.

44.73

42.35

37.73

37.43

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# 3.8. Conducted Emission

#### Limit

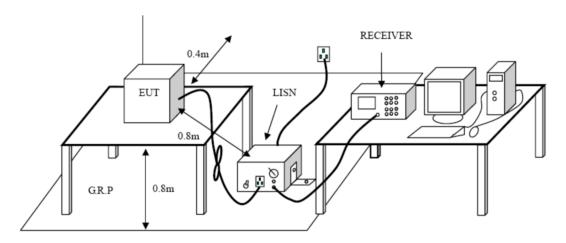
#### **Conducted Emission Test Limit**

Function	Maximum RF Line Voltage (dBμV)				
Frequency	Quasi-peak Level	Average Level			
150kHz~500kHz	66 ~ 56 *	56 ~ 46 *			
500kHz~5MHz	56	46			
5MHz~30MHz	60	50			

#### Notes:

- (1) \*Decreasing linearly with logarithm of the frequency.
- (2) The lower limit shall apply at the transition frequencies.
- (3) The limit decrease in line with the logarithm of the frequency in the range of 0.15 to 0.50MHz.

# **Test Configuration**



## **Test Procedure**

- 1. The EUT was setup according to ANSI C63.10:2013 requirements.
- 2. The EUT was placed on a platform of nominal size, 1 m by 1.5 m, raised 0.1m above the conducting ground plane. The vertical conducting plane was located 80 cm to the rear of the EUT. All other surfaces of EUT were at least 0.8m from any other grounded conducting surface.
- 3. The EUT and simulators are connected to the main power through a line impedances stabilization network (LISN). The LISN provides a 50ohm /50uH coupling impedance for the measuring equipment.
  The peripheral devices are also connected to the main power through a LISN. (Please refer to the block diagram of the test setup and photographs)
- 4. Each current-carrying conductor of the EUT power cord, except the ground (safety) conductor, was individually connected through a LISN to the input power source.
- 5. The excess length of the power cord between the EUT and the LISN receptacle were folded back and forth at the center of the lead to form a bundle not exceeding 40 cm in length.
- 6. Conducted Emissions were investigated over the frequency range from 0.15MHz to 30MHz using a receiver bandwidth of 9 kHz.
- 7. During the above scans, the emissions were maximized by cable manipulation.

#### **Test Mode:**

Please refer to the clause 2.2.

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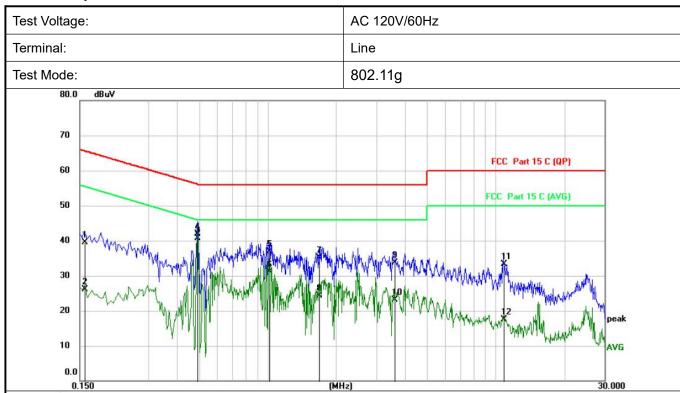
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# **Test Results**

Pre-scan 802.11b/g/n(HT20/HT40) modulation, and found the 802.11g modulation 2412MHz which it is worse case, so only show the test data for worse case.



MHz         dBuV         dB         dBuV         dBuV         dB         dBuV         dB         dB         dBuV         dB		Over	Limit	Measure- ment	Correct Factor	Reading Level	Freq.	Mk.	No.
2       0.1580       15.31       10.71       26.02       55.57       -29.55         3       0.4940       30.29       10.39       40.68       56.10       -15.42         4 *       0.4940       31.50       10.39       41.89       46.10       -4.21         5       1.0180       26.34       10.50       36.84       56.00       -19.16         6       1.0180       20.51       10.50       31.01       46.00       -14.99         7       1.6819       24.70       10.48       35.18       56.00       -20.82         8       1.6819       13.83       10.48       24.31       46.00       -21.69         9       3.6019       23.17       10.62       33.79       56.00       -22.21         10       3.6019       12.47       10.62       23.09       46.00       -22.91	Detector	dB	dBuV	dBuV	dB	dBuV	MHz		
3       0.4940       30.29       10.39       40.68       56.10       -15.42         4 *       0.4940       31.50       10.39       41.89       46.10       -4.21         5       1.0180       26.34       10.50       36.84       56.00       -19.16         6       1.0180       20.51       10.50       31.01       46.00       -14.99         7       1.6819       24.70       10.48       35.18       56.00       -20.82         8       1.6819       13.83       10.48       24.31       46.00       -21.69         9       3.6019       23.17       10.62       33.79       56.00       -22.21         10       3.6019       12.47       10.62       23.09       46.00       -22.91	QP	-26.05	65.57	39.52	10.71	28.81	0.1580		1
4 *       0.4940       31.50       10.39       41.89       46.10       -4.21         5       1.0180       26.34       10.50       36.84       56.00       -19.16         6       1.0180       20.51       10.50       31.01       46.00       -14.99         7       1.6819       24.70       10.48       35.18       56.00       -20.82         8       1.6819       13.83       10.48       24.31       46.00       -21.69         9       3.6019       23.17       10.62       33.79       56.00       -22.21         10       3.6019       12.47       10.62       23.09       46.00       -22.91	AVG	-29.55	55.57	26.02	10.71	15.31	0.1580		2
5       1.0180       26.34       10.50       36.84       56.00       -19.16         6       1.0180       20.51       10.50       31.01       46.00       -14.99         7       1.6819       24.70       10.48       35.18       56.00       -20.82         8       1.6819       13.83       10.48       24.31       46.00       -21.69         9       3.6019       23.17       10.62       33.79       56.00       -22.21         10       3.6019       12.47       10.62       23.09       46.00       -22.91	QP	-15.42	56.10	40.68	10.39	30.29	0.4940		3
6       1.0180       20.51       10.50       31.01       46.00       -14.99         7       1.6819       24.70       10.48       35.18       56.00       -20.82         8       1.6819       13.83       10.48       24.31       46.00       -21.69         9       3.6019       23.17       10.62       33.79       56.00       -22.21         10       3.6019       12.47       10.62       23.09       46.00       -22.91	AVG	-4.21	46.10	41.89	10.39	31.50	0.4940	*	4
7     1.6819     24.70     10.48     35.18     56.00     -20.82       8     1.6819     13.83     10.48     24.31     46.00     -21.69       9     3.6019     23.17     10.62     33.79     56.00     -22.21       10     3.6019     12.47     10.62     23.09     46.00     -22.91	QP	-19.16	56.00	36.84	10.50	26.34	1.0180		5
8     1.6819     13.83     10.48     24.31     46.00     -21.69       9     3.6019     23.17     10.62     33.79     56.00     -22.21       10     3.6019     12.47     10.62     23.09     46.00     -22.91	AVG	-14.99	46.00	31.01	10.50	20.51	1.0180		6
9 3.6019 23.17 10.62 33.79 56.00 -22.21 10 3.6019 12.47 10.62 23.09 46.00 -22.91	QP	-20.82	56.00	35.18	10.48	24.70	1.6819		7
10 3.6019 12.47 10.62 23.09 46.00 -22.91	AVG	-21.69	46.00	24.31	10.48	13.83	1.6819		8
TOTAL STATE AND TOTAL AND	QP	-22.21	56.00	33.79	10.62	23.17	3.6019		9
11 10.8178 22.71 10.64 33.35 60.00 -26.65	AVG	-22.91	46.00	23.09	10.62	12.47	3.6019		10
	QP	-26.65	60.00	33.35	10.64	22.71	10.8178		11
12 10.8178 6.91 10.64 17.55 50.00 -32.45	AVG	-32.45	50.00	17.55	10.64	6.91	10.8178		12

#### Remarks:

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<sup>1.</sup>Measurement = Reading Level+ Correct Factor

<sup>2.</sup>Over = Measurement -Limit