

TEST REPORT

Report No.: SHE19080042-02GE

Date: 2019-10-31

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Applicant : Shenzhen UniStrong Science & Technology Co.,Ltd.
Address of Applicant : B,4-4Factory, Zhengcheng Road, Fuyong Baoan District, Shenzhen, China

Product Name : Rugged Tablet
Model No. : UT52
Sample No. : E19080042-01#04
FCC ID : 2AOPD-UT52
ISED Number : 11546A-UT52

Standards : FCC CFR47 Part 15, Subpart C
RSS-Gen (Issue 5, March 2019)
RSS-247 (Issue 2, February 2017)

Date of Receipt : 2019-09-09
Date of Test : 2019-09-09 ~ 2019-10-28
Date of Issue : 2019-10-31

Remark:

This report details the results of the testing carried out on one sample, the results contained in this report do not relate to other samples of the same product. The manufacturer should ensure that all products in series production are in conformity with the product sample detailed in this report.

Prepared by: Jennifer Zhou Reviewed by: Adrian Shi Approved by: Guoyou Chi
(Jennifer Zhou) (Adrian Shi) (Authorized signatory: Guoyou Chi)

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Revision Record			
Version	Date	Revisions	Revised By
1.0	2019-10-31	Original	--

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1 General Information

1.1 Testing Laboratory

Company Name	ICAS Testing Technology Services (Shanghai) Co., Ltd.
Address	155 Pingbei Rd, Minhang District, Shanghai, China
Telephone	0086 21-51682999
Fax	0086 21-54711112
Homepage	www.icasiso.com

1.2 Details of Application

Company Name	Shenzhen UniStrong Science & Technology Co.,Ltd.
Address	B,4-4Factory, Zhengcheng Road, Fuyong Baoan District, Shenzhen, China
Contact Person	Lili Zheng
Telephone	+86-21-54467182
Email	ll.zheng@unistrong.com

1.3 Details of EUT

Product Name	Rugged Tablet
Brand Name	Unistrong
Model No.	UT52
FCC ID	2AOPD-UT52
ISED Number	11546A-UT52
Mode of Operation	WLAN 802.11b/g/n(HT20/40)
Frequency Range	2400MHz ~ 2483.5MHz
Channel Separation	5 MHz
Modulation Type	DSSS, OFDM
Antenna Type	Internal Antenna
Antenna Gain	-3.63 dBi
Extreme Temperature Range	-10℃~ +55℃
Test Voltage	DC 3.8V

1.4 Test Methodology

47 CFR Part 15, Subpart C (10-1-16 Edition)	Miscellaneous Wireless Communications Services
KDB Publication 558074 D01 v05r02	15.247 Meas Guidance.
KDB Publication 662911 D01 v02r01	Emissions Testing of Transmitters with Multiple Outputs in the Same Band (e.g., MIMO, Smart Antenna, etc)
RSS-Gen	General Requirements for Compliance of Radio Apparatus

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(Issue 5, March 2019)	
RSS-247 (Issue 2, February 2017)	Digital Transmission Systems (DTSS), Frequency Hopping Systems (FHSs) and Licence-Exempt Local Area Network (LE-LAN) Devices
ANSI C63.10-2013	American National Standard for Testing Unlicensed Wireless Devices

Note(s):

All test items were verified and recorded according to the standards and without any addition/deviation/exclusion during the test.

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2 Test Condition

2.1 Test Facility

2.2 Environmental conditions

Temperature (°C)	18-25
Humidity (%RH)	40-65
Barometric Pressure (mbar)	960-1060

2.3 Equipment List

Name of Equipment	Manufacturer	Model	Serial No.	Cal. Due Date
Spectrum Analyzer	Keysight	N9020B	MY59260184	2020-07-28
Spectrum Analyzer	Rohde & Schwarz	FSV40N	101450	2020-06-24
EMI Test Receiver	Rohde & Schwarz	ESPI3	100173	2020-06-19
EMI Test Receiver	Rohde & Schwarz	ESR 7	101911	2020-06-19
V-network	SCHWARZBECK	NSLK 8127	8127-902	2020-02-20
Wideband Radio Communication Tester	Rohde & Schwarz	CMW 500	100687	2020-08-22
Broadband Antenna	SCHWARZBECK	VULB9163	9163-1037	2020-06-06
Horn Antenna-18G	SCHWARZBECK	BBHA9120D	9120D-1775	2020-06-06
Loop Antenna	SCHWARZBECK	FMZB 1513	N/A	2021-03-19
Horn Antenna-40G	YINGLIAN	LB-180400-KF	N/A	2020-07-26
EMC chamber 9*6*6 (L*W*H)	CHANGNING	966	N/A	2020-06-26
Shielded Enclosure 8*5*4 (L*W*H)	CHANGNING	854	N/A	2020-08-28
Test Software	BL	BL410_E	N/A	N/A

2.4 Measurement Uncertainty

Parameter	Frequency	Uncertainty
Antenna Port Conducted Emission	< 1GHz	± 1.5 dB
	> 1GHz	± 1.5 dB
Radiated Emission	30 MHz – 1 GHz	± 3 dB
	> 1GHz	± 3 dB

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3 Test Set-up and Operation Modes

3.1 Details of Test Mode

Using test software was control EUT work in continuous transmitter and receiver mode. Select test channel as below:

For 802.11b/g/n (HT20)

Channel	Frequency
The lowest channel(CH1)	2412MHz
The middle channel(CH6)	2437MHz
The Highest channel(CH11)	2462MHz

For 802.11n(HT40)

Channel	Frequency
The lowest channel(CH3)	2422MHz
The middle channel(CH6)	2437MHz
The Highest channel(CH9)	2452MHz

Through Pre-scan under all rate at lowest channel, the data rate as below table described is the worst case, so we choose these data rate for test.

Type	Data rate
802.11b	11Mbps
802.11g	54Mbps
802.11n(20M)	MCS7
802.11n(40M)	MCS7

The basic operation modes are:

- A. On
 - 1. WLAN mode
 - a. Transmitting
 - i. Low Channel
 - ii. Middle Channel
 - iii. High Channel
 - b. Receiving
- B. Standby
- C. Off

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3.2 Special Accessories and Auxiliary Equipment

Description	Manufacturer	Model No.	Serial No.
N/A	N/A	N/A	N/A

3.3 Support Software

Description	Manufacturer	Software Name
N/A	N/A	N/A

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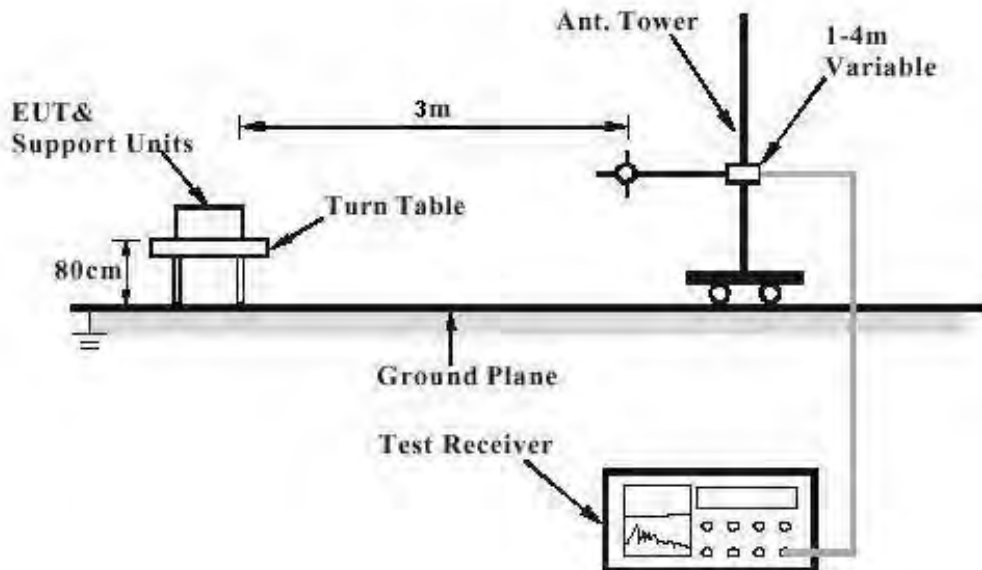
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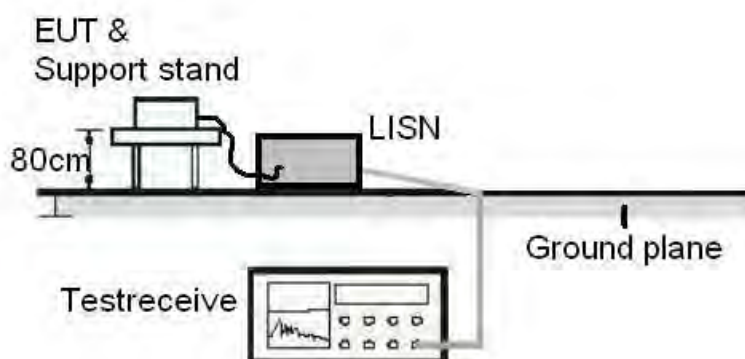
3.4 Test Setup Diagram

Diagram of Measurement Configuration for Radiation Test



Note: Measurements above 1GHz are done with a table height of 1.5m. In addition, there is RF absorbing material on the floor of the test site for above 1GHz measurement.

Diagram of Measurement Equipment Configuration for Conduction Measurement



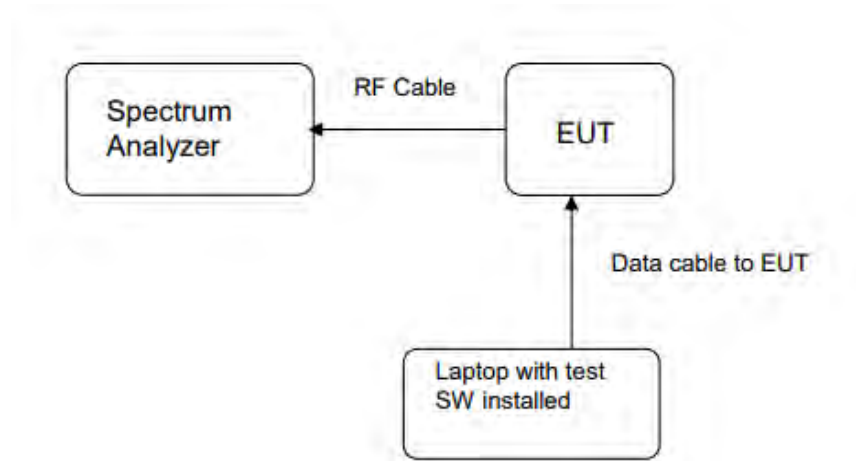
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Diagram of Measurement Equipment Configuration for Transmitter Measurement



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4 Test Results

4.1 Transmitter Requirement & Test Suites

4.1.1 Antenna Requirement

RESULT:

PASS

Test standard	: FCC Part 15.247(b)(4), Part 15.203 RSS-247 5.4(6)
Requirement	: The use of approved antennas only with directional gains that do not exceed 6 dBi

According to the manufacturer declaration, the EUT has an antenna with a directional gain of -3.63 dBi. The antenna is an internal antenna with no possibility of replacement with a non-approved antenna by the end-user.

Therefore, the EUT is considered to comply with this provision.

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4.1.2 Peak Output Power and E.I.R.P

RESULT:

PASS

Test standard : FCC Part 15.247(b)(3)
RSS-247 5.4(4)
Requirement : ANSI C63.10-2013, KDB 558074
Kind of test site : Shielded room

Test setup

Test Channel : Low/Middle/High
Operation Mode : A.1.a
Ambient temperature : 25°C
Relative humidity : 52%

Table 1: Peak Output Power

Test Mode	Test Channel (MHz)	Measured Peak Power		Limit (W)
		(dBm)	(mW)	
802.11b	2412	18.54	71.45	< 1
	2437	18.77	75.34	
	2462	18.86	76.91	
802.11g	2412	17.72	59.16	
	2437	18.05	63.83	
	2462	18.31	67.76	
802.11n(HT20)	2412	17.86	61.09	
	2437	18.25	66.83	
	2462	18.49	70.63	
802.11n(HT40)	2422	19.55	90.16	
	2437	19.98	99.54	
	2452	20.17	103.99	

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Table 2: E.I.R.P

Test Mode	Test Channel (MHz)	Measured Peak Power		Limit (W)
		(dBm)	(mW)	
802.11b	2412	14.91	30.97	< 4
	2437	15.14	32.66	
	2462	15.23	33.34	
802.11g	2412	14.09	25.64	
	2437	14.42	27.67	
	2462	14.68	29.38	
802.11n(HT20)	2412	14.23	26.49	
	2437	14.62	28.97	
	2462	14.86	30.62	
802.11n(HT40)	2422	15.92	39.08	
	2437	16.35	43.15	
	2452	16.54	45.08	

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4.1.3 6dB Bandwidth and 99% Bandwidth

RESULT:

PASS

Test standard : FCC Part 15.247(a)(2)
RSS-247 5.2(1)
RSS-Gen 6.6
Requirement : ANSI C63.10-2013, KDB 558074
Kind of test site : Shielded room

Test setup

Test Channel : Low/Middle/High
Operation Mode : A.1.a
Ambient temperature : 25°C
Relative humidity : 52%

Table 3: 6dB Bandwidth and 99% Bandwidth

Test Mode	Test Channel (MHz)	6dB Bandwidth (MHz)	99% Bandwidth (MHz)	6 dB Bandwidth Limit (MHz)
802.11b	2412	8.427	11.449	0.5
	2437	8.176	11.406	
	2462	8.445	11.458	
802.11g	2412	16.030	16.386	
	2437	16.030	16.379	
	2462	15.690	16.350	
802.11n(HT20)	2412	17.650	17.631	
	2437	17.660	17.621	
	2462	17.330	17.588	
802.11n(HT40)	2422	36.410	36.075	
	2437	35.880	36.060	
	2452	35.870	36.090	

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Figure 1: 6dB Bandwidth and 99% Bandwidth, 802.11b, 2412MHz

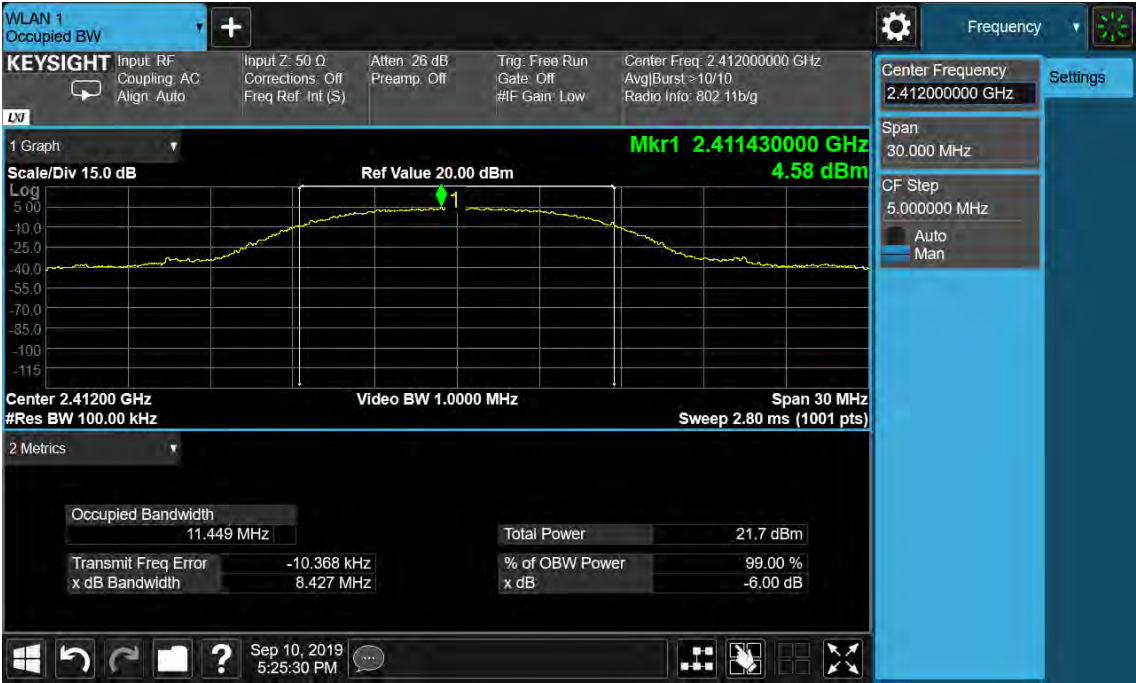
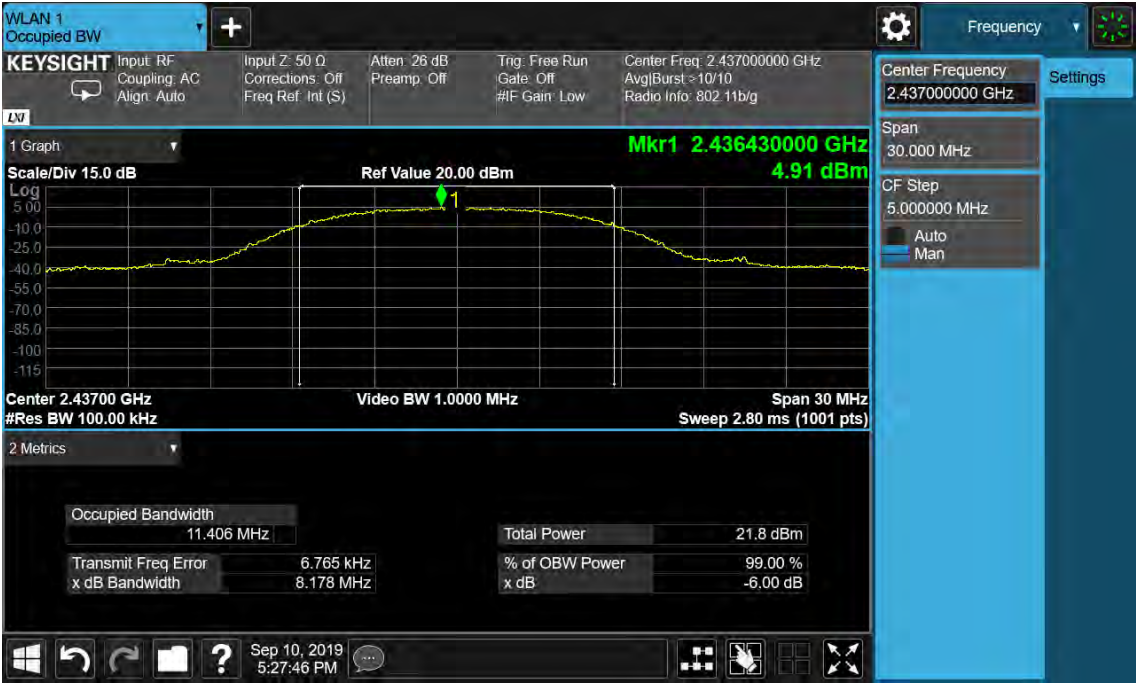


Figure 2: 6dB Bandwidth and 99% Bandwidth, 802.11b, 2437MHz



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Figure 3: 6dB Bandwidth and 99% Bandwidth, 802.11b, 2462MHz

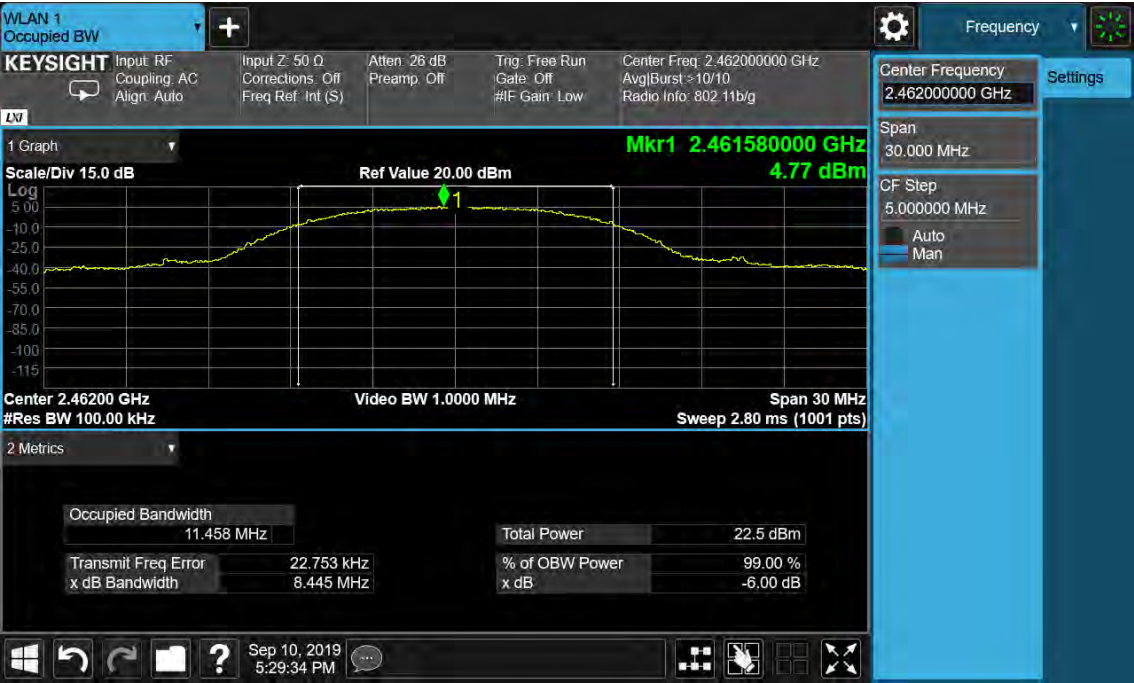
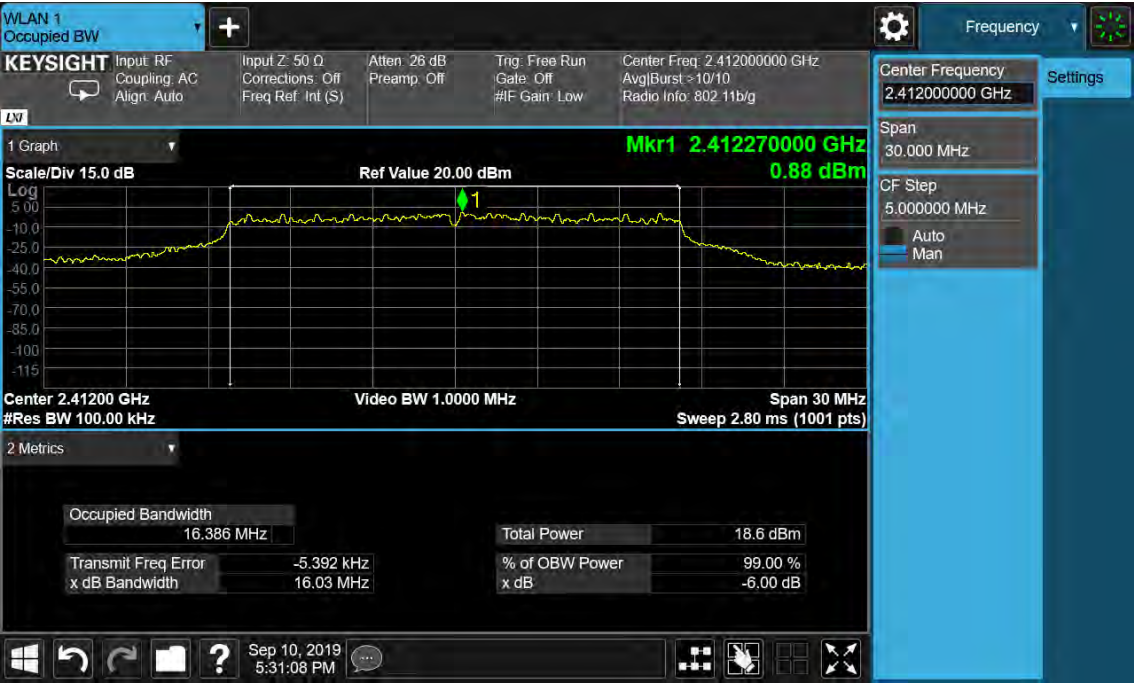


Figure 4: 6dB Bandwidth and 99% Bandwidth, 802.11g, 2412MHz



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Figure 5: 6dB Bandwidth and 99% Bandwidth, 802.11g, 2437MHz



Figure 6: 6dB Bandwidth and 99% Bandwidth, 802.11g, 2462MHz



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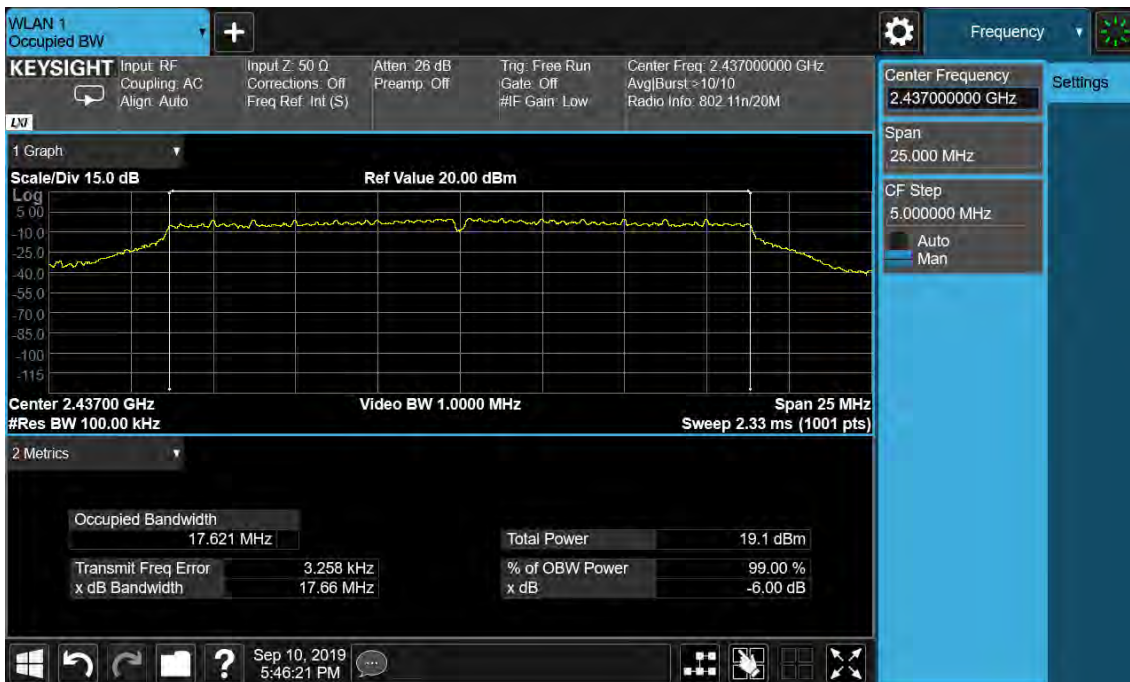
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Figure 7: 6dB Bandwidth and 99% Bandwidth, 802.11n(HT20), 2412MHz



Figure 8: 6dB Bandwidth and 99% Bandwidth, 802.11n(HT20), 2437MHz



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Figure 9: 6dB Bandwidth and 99% Bandwidth, 802.11n(HT20), 2462MHz

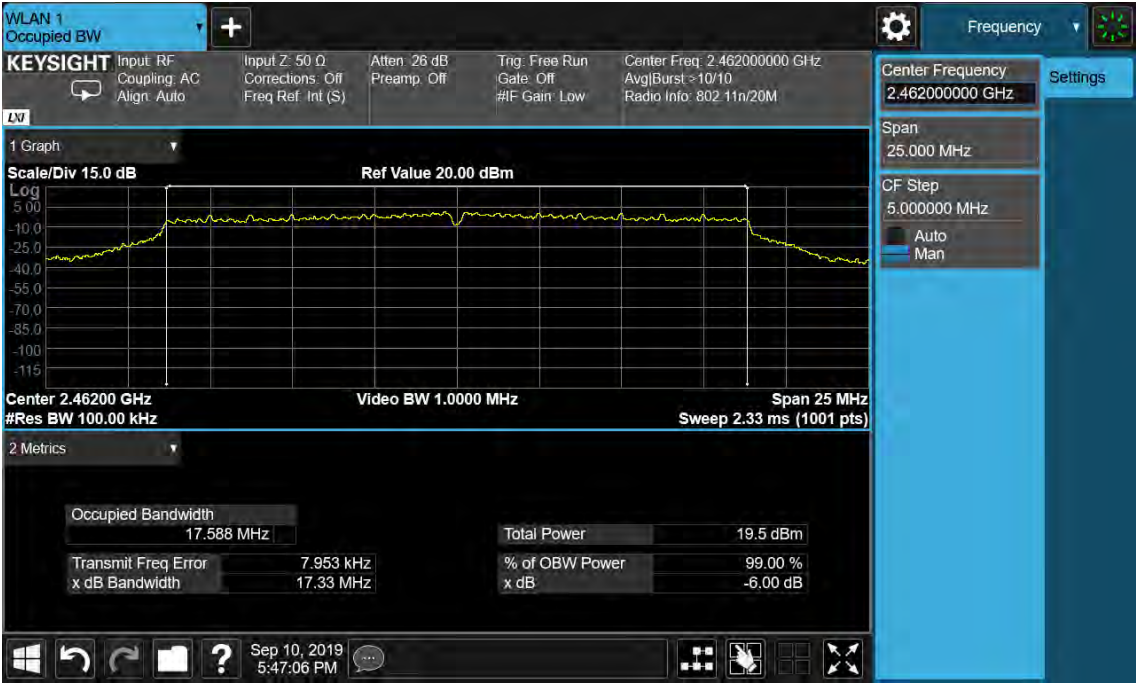
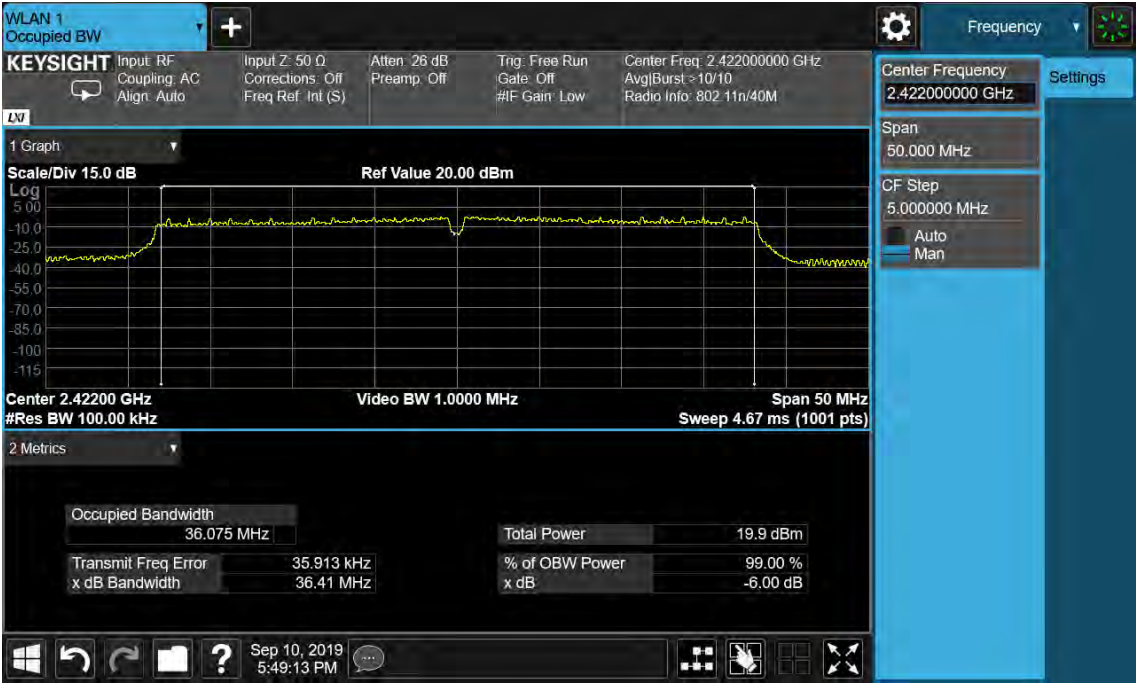


Figure 10: 6dB Bandwidth and 99% Bandwidth, 802.11n(HT40), 2422MHz



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Figure 11: 6dB Bandwidth and 99% Bandwidth, 802.11n(HT40), 2437MHz

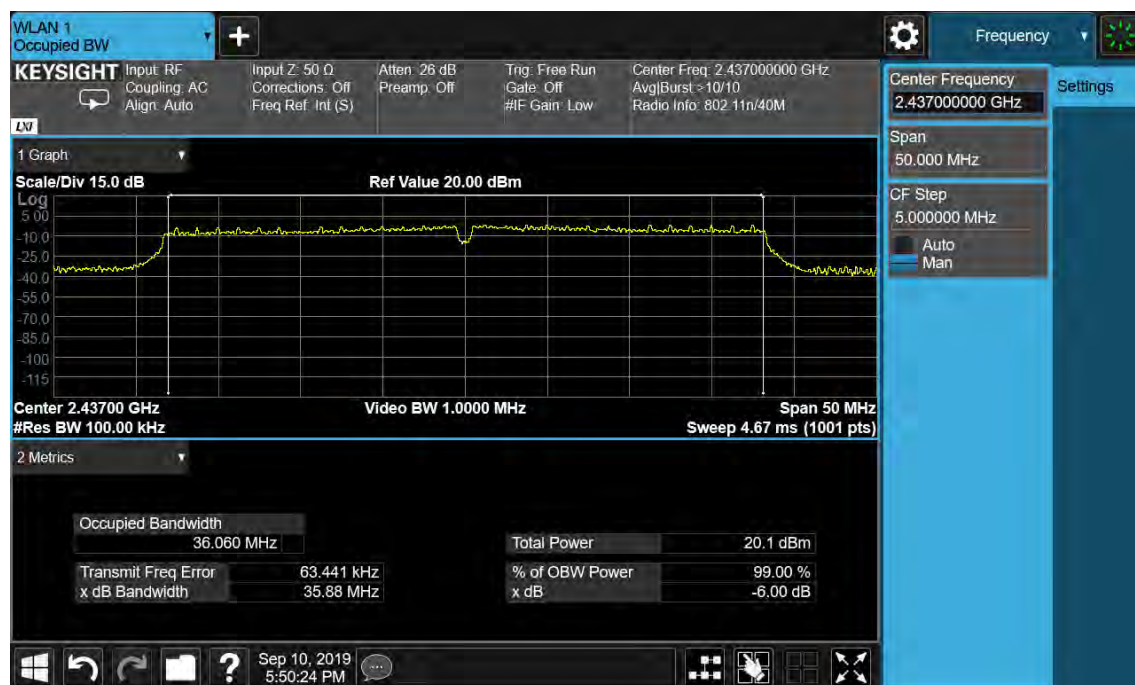
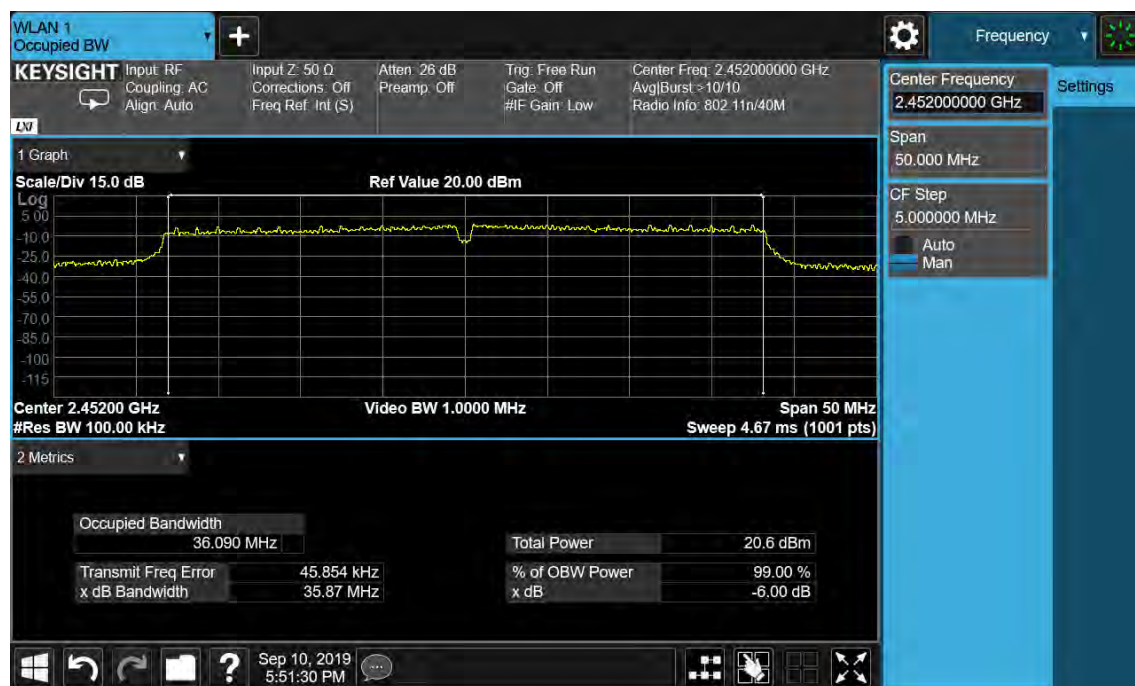


Figure 12: 6dB Bandwidth and 99% Bandwidth, 802.11n(HT40), 2452MHz



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4.1.4 Power Spectral Density

RESULT:

PASS

Test standard : FCC Part 15.247(e)
RSS-247 5.2(2)
Requirement : ANSI C63.10-2013, KDB 558074
Kind of test site : Shielded room

Test setup

Test Channel : Low/Middle/High
Operation Mode : A.1.a
Ambient temperature : 25°C
Relative humidity : 52%

Table 4: Power Spectral Density

Test Mode	Test Channel (MHz)	Measured Result (dBm/3kHz)	Limit (dBm/3kHz)
802.11b	2412	-10.95	8
	2437	-11.00	
	2462	-10.13	
802.11g	2412	-14.89	
	2437	-14.58	
	2462	-13.50	
802.11n(HT20)	2412	-14.98	
	2437	-14.80	
	2462	-13.38	
802.11n(HT40)	2422	-16.38	
	2437	-16.35	
	2452	-15.67	

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Figure 13: Power Spectral Density, 802.11b, 2412MHz



Figure 14: Power Spectral Density, 802.11b, 2437MHz



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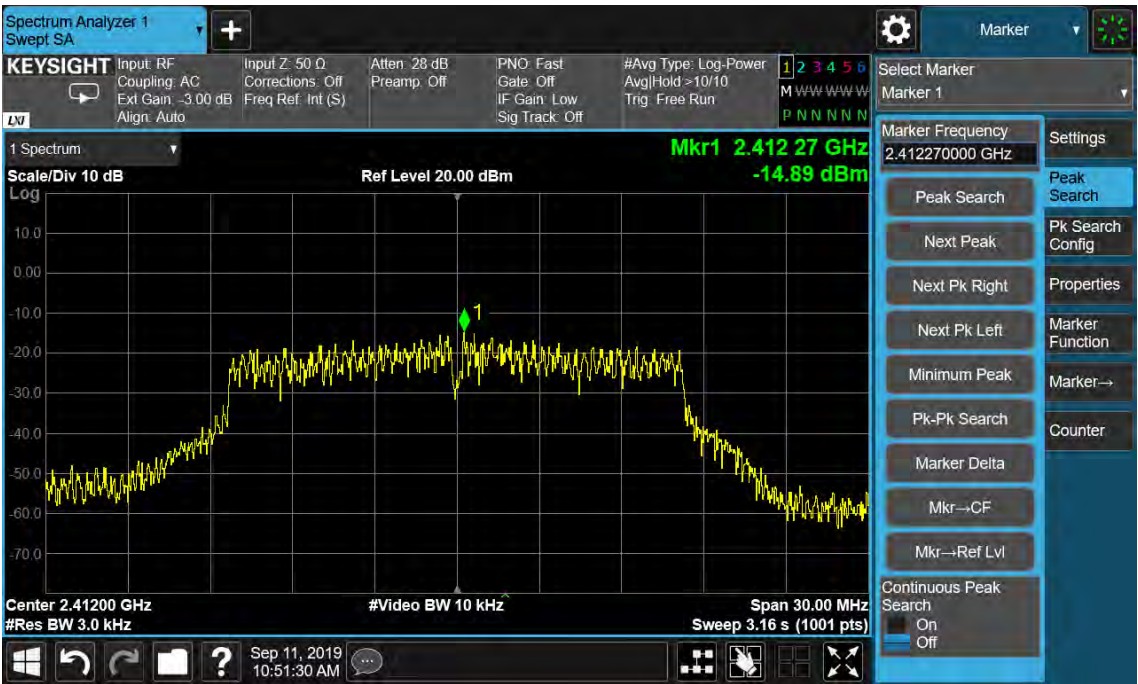
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Figure 15: Power Spectral Density, 802.11b, 2462MHz



Figure 16: Power Spectral Density, 802.11g, 2412MHz



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Figure 17: Power Spectral Density, 802.11g, 2437MHz

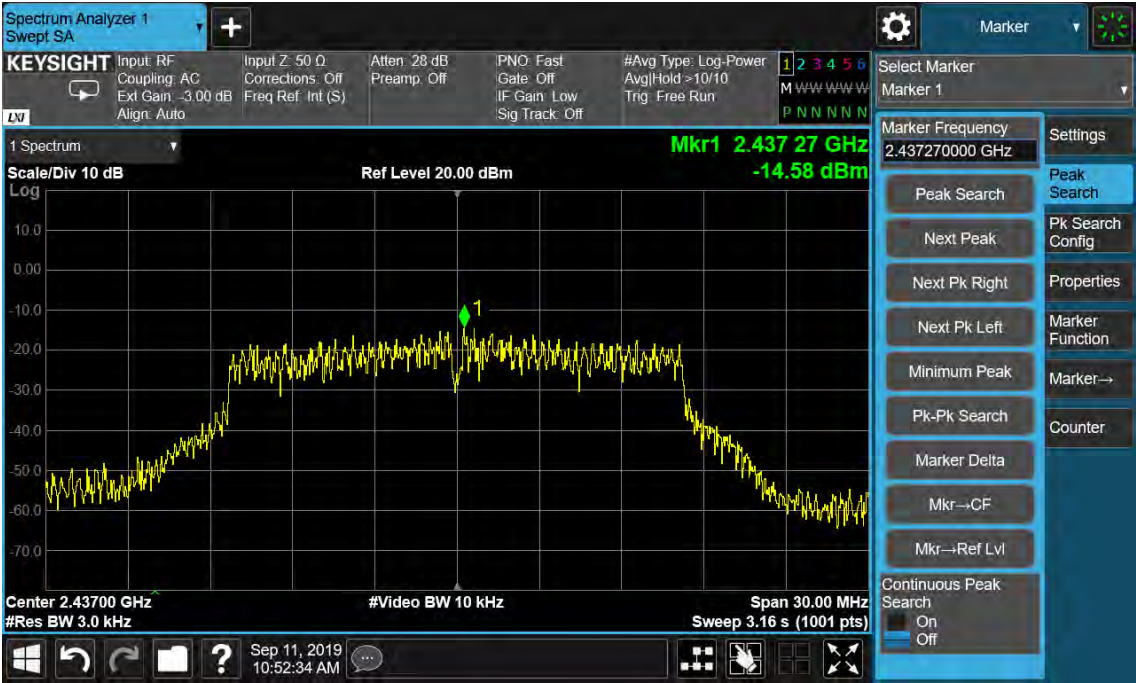
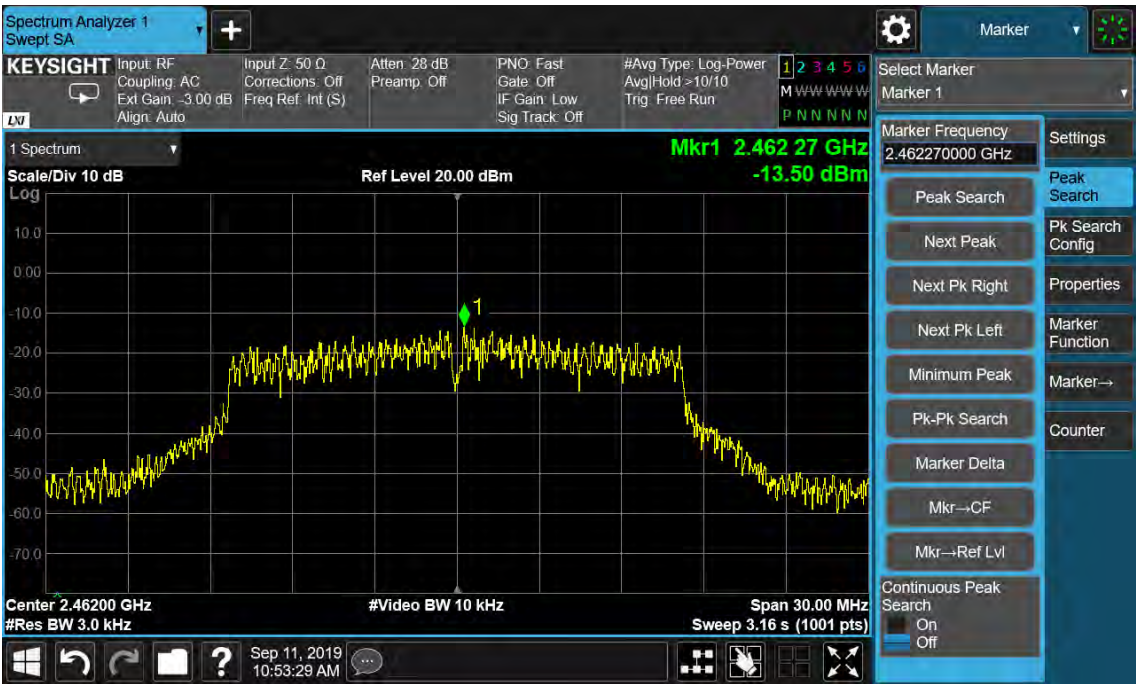


Figure 18: Power Spectral Density, 802.11g, 2462MHz



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Figure 19: Power Spectral Density, 802.11n(HT20), 2412MHz

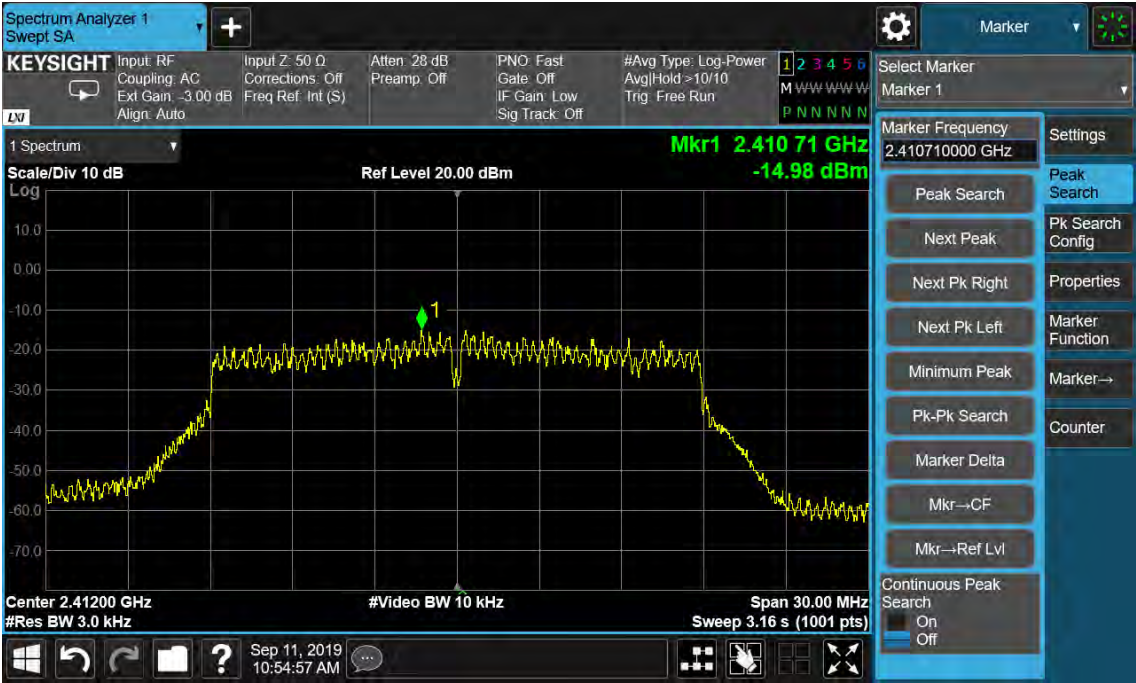
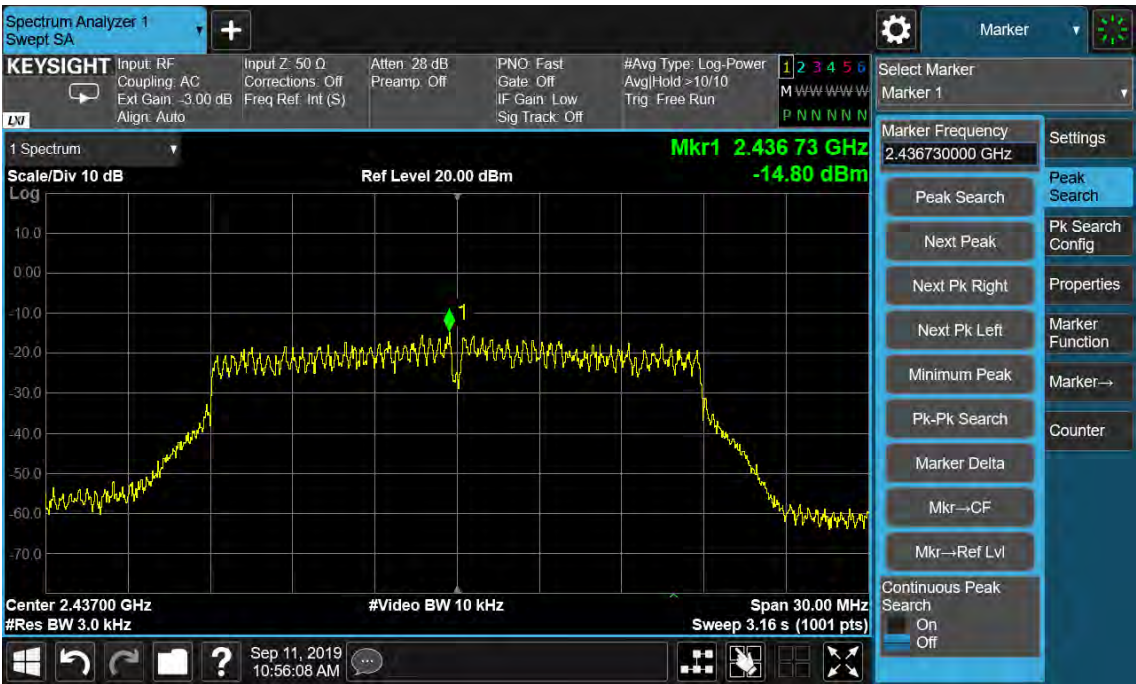


Figure 20: Power Spectral Density, 802.11n(HT20), 2437MHz



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Figure 21: Power Spectral Density, 802.11n(HT20), 2462MHz



Figure 22: Power Spectral Density, 802.11n(HT40), 2422MHz



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Figure 23: Power Spectral Density, 802.11n(HT40), 2437MHz

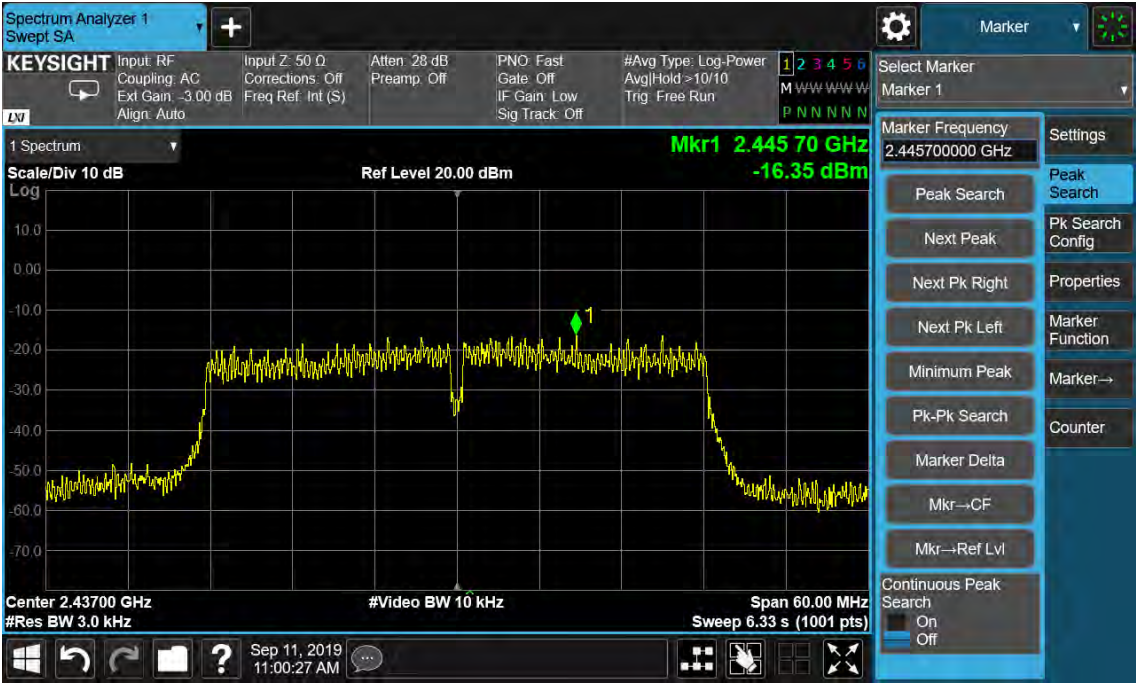
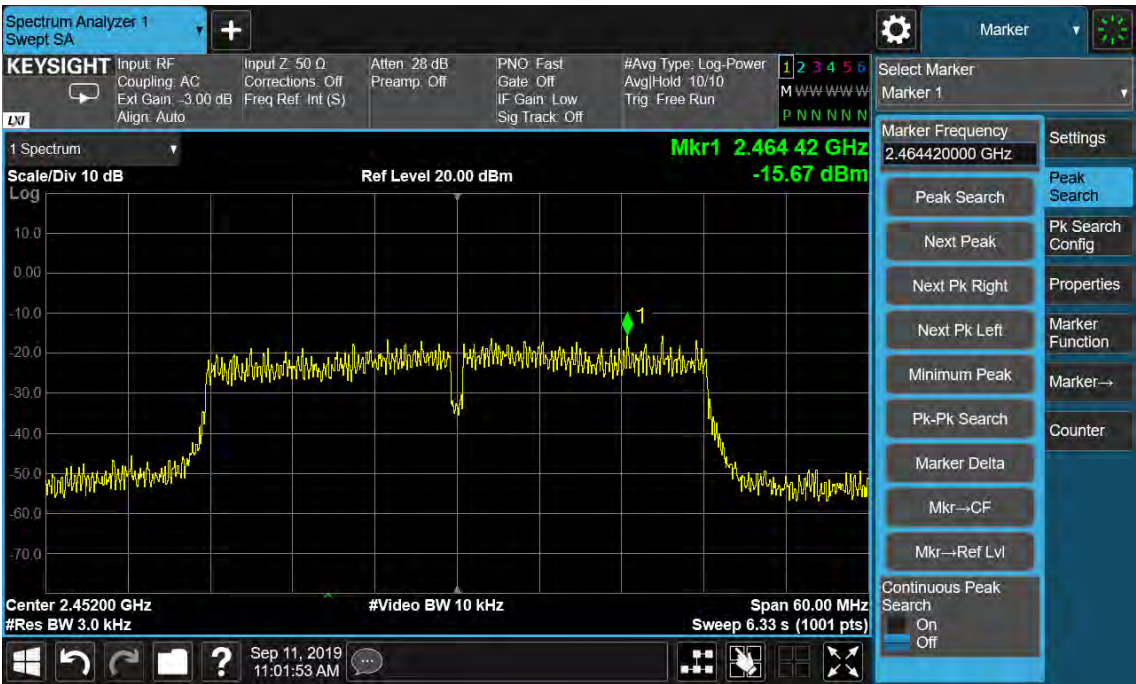


Figure 24: Power Spectral Density, 802.11n(HT40), 2452MHz



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4.1.5 Conducted Spurious Emission & Authorized-band band-edge

RESULT:

PASS

Test standard	: FCC Part 15.247(d), 15.209 RSS-247 5.5 RSS-Gen 8.9
Requirement	: ANSI C63.10-2013, KDB 558074
Kind of test site	: Shielded room

Test setup

Test Channel	: Low/Middle/High for spurious, Low/High for Band Edge
Operation Mode	: A.1.a
Ambient temperature	: 25°C
Relative humidity	: 52%

For details refer to following test plot.

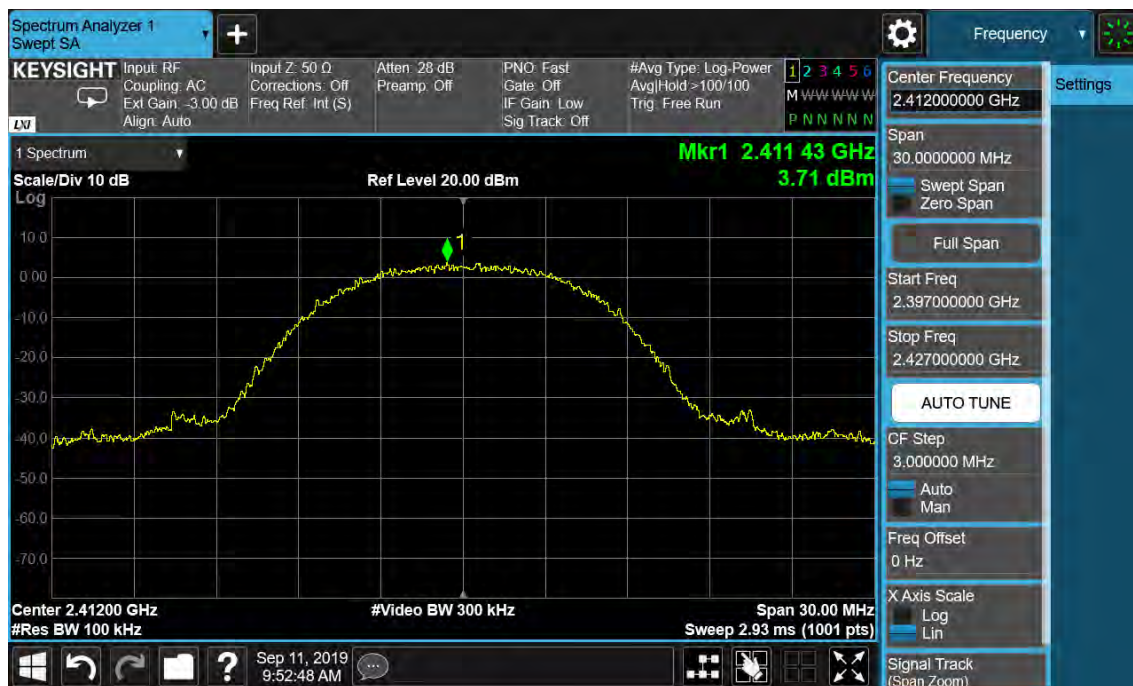
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Figure 25: Conducted Spurious Emission & Authorized-band band-edge, 802.11b, 2412MHz Carrier Level



Band Edge



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Conducted spurious emissions 30MHz-25GHz



Figure 26: Conducted Spurious Emission & Authorized-band band-edge, 802.11b, 2437MHz Carrier Level



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Conducted spurious emissions 30MHz-25GHz



Figure 27: Conducted Spurious Emission & Authorized-band band-edge, 802.11b, 2462MHz Carrier Level



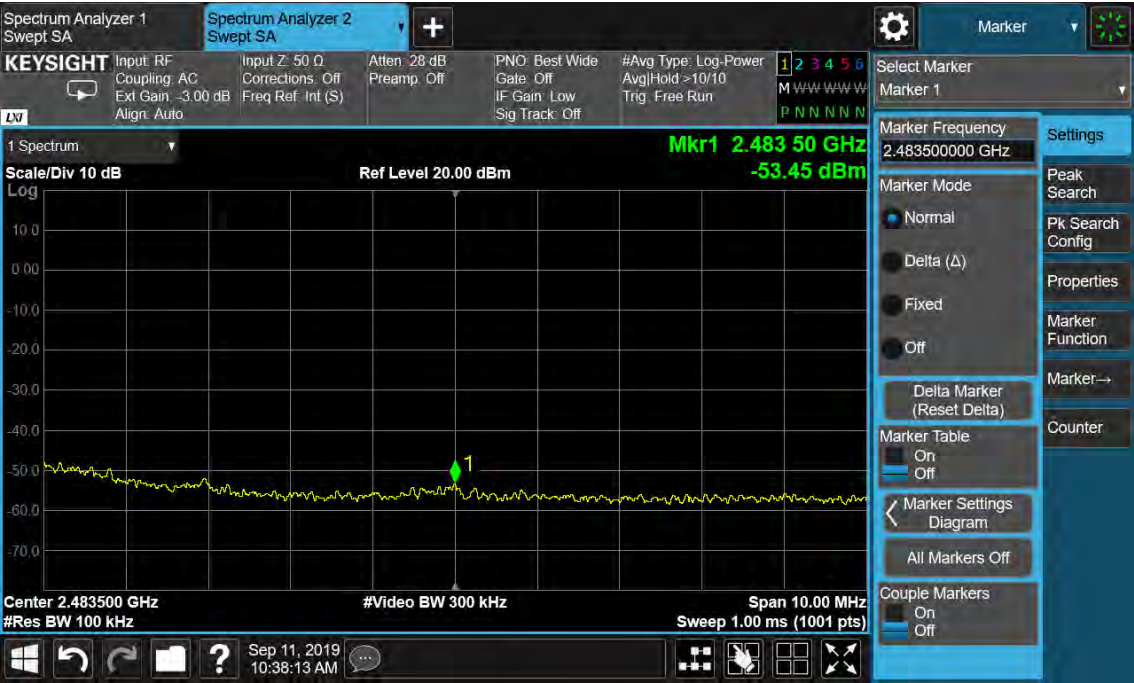
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Band Edge



Conducted spurious emissions 30MHz-25GHz



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Figure 28: Conducted Spurious Emission & Authorized-band band-edge, 802.11g, 2412MHz Carrier Level



Band Edge



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Conducted spurious emissions 30MHz-25GHz



Figure 29: Conducted Spurious Emission & Authorized-band band-edge, 802.11g, 2437MHz Carrier Level



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Conducted spurious emissions 30MHz-25GHz



Figure 30: Conducted Spurious Emission & Authorized-band band-edge, 802.11g, 2462MHz Carrier Level



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Band Edge



Conducted spurious emissions 30MHz-25GHz



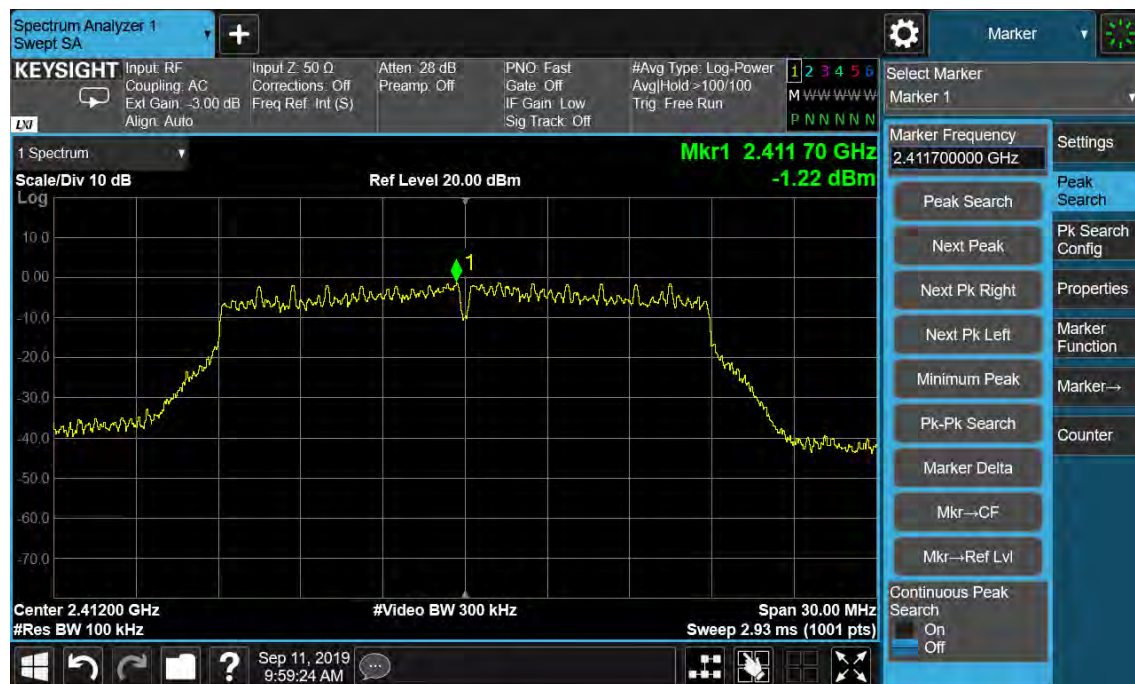
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Figure 31: Conducted Spurious Emission & Authorized-band band-edge, 802.11n(HT20), 2412MHz Carrier Level



Band Edge



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Conducted spurious emissions 30MHz-25GHz



Figure 32: Conducted Spurious Emission & Authorized-band band-edge, 802.11n(HT20), 2437MHz Carrier Level



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Conducted spurious emissions 30MHz-25GHz



Figure 33: Conducted Spurious Emission & Authorized-band band-edge, 802.11n(HT20), 2462MHz Carrier Level



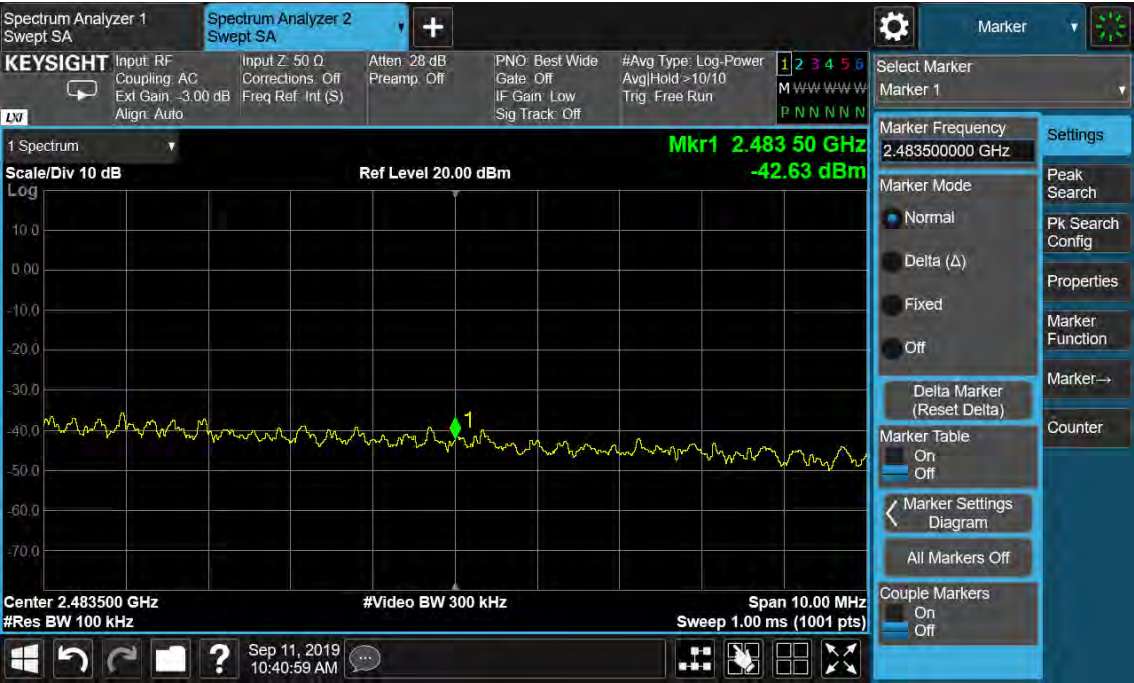
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Band Edge



Conducted spurious emissions 30MHz-25GHz



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Figure 34: Conducted Spurious Emission & Authorized-band band-edge, 802.11n(HT40), 2422MHz Carrier Level



Band Edge



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Conducted spurious emissions 30MHz-25GHz



Figure 35: Conducted Spurious Emission & Authorized-band band-edge, 802.11n(HT40), 2437MHz Carrier Level



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Conducted spurious emissions 30MHz-25GHz



Figure 36: Conducted Spurious Emission & Authorized-band band-edge, 802.11n(HT40), 2452MHz Carrier Level



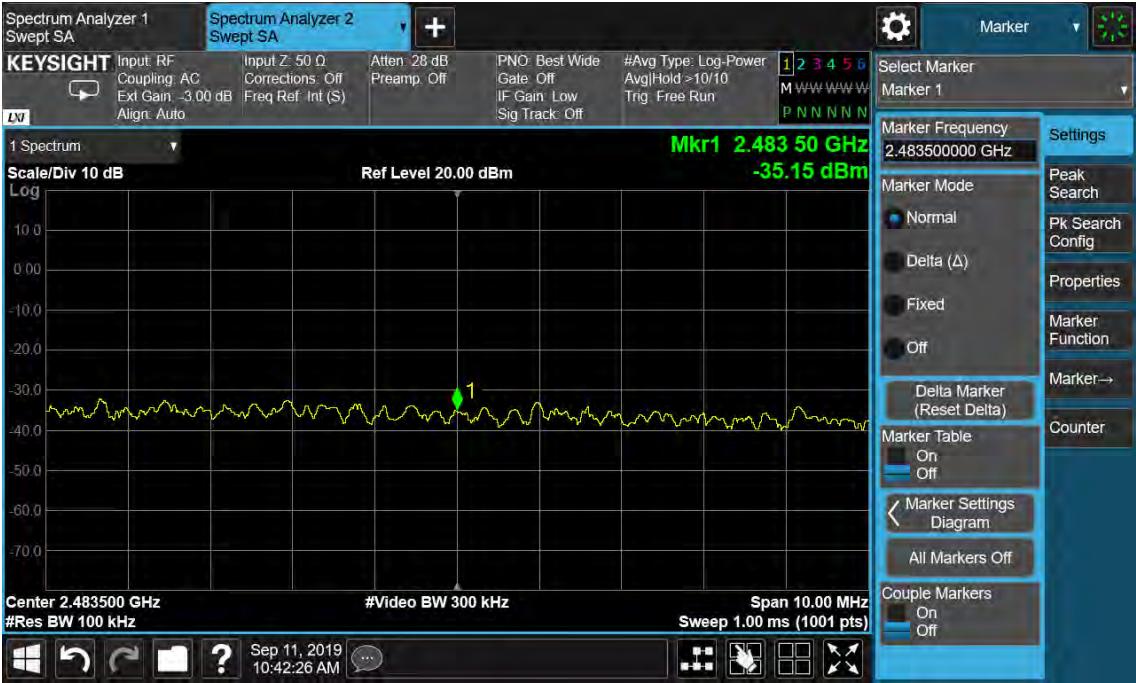
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Band Edge



Conducted spurious emissions 30MHz-25GHz



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4.1.6 Spurious Emission

RESULT:

PASS

Test standard	: FCC Part 15.247(d), 15.205, 15.209 RSS-247 5.5
Requirement	: ANSI C63.10-2013, KDB 558074
Kind of test site	: 3m Semi-Anechoic Chamber

Test setup

Test Channel	: Low/Middle/High
Operation Mode	: A
Ambient temperature	: 25°C
Relative humidity	: 52%

For details refer to following test plot.

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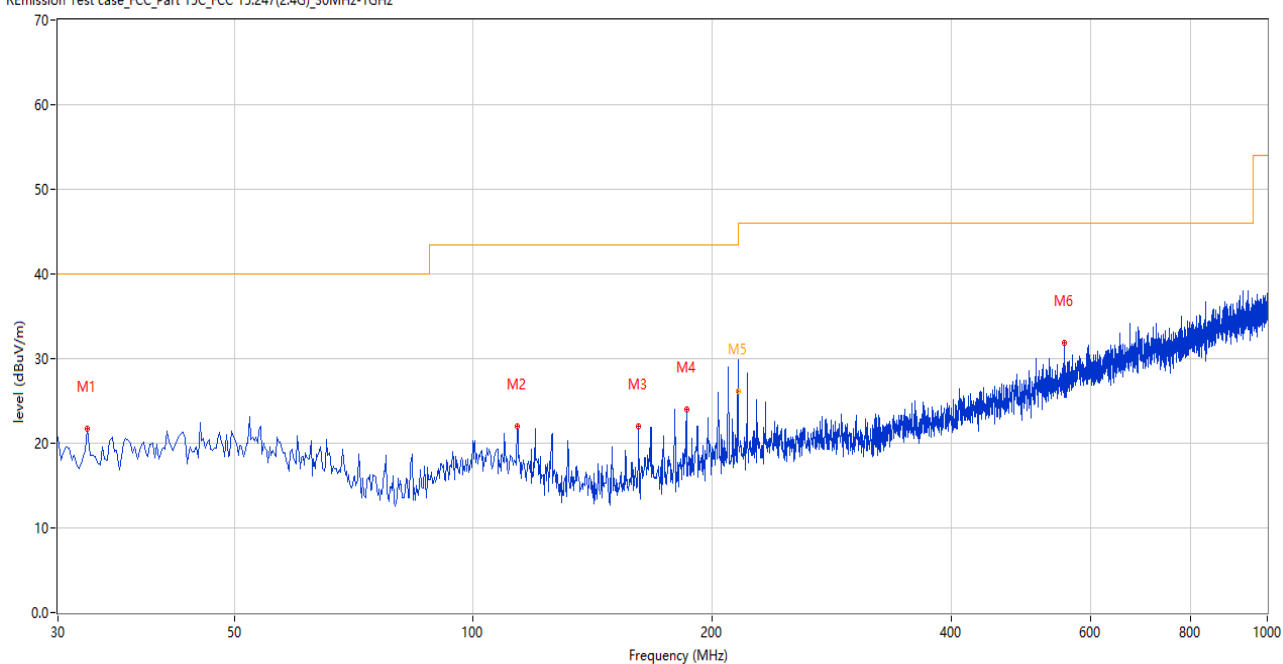
Notes:

1. For 9 kHz ~ 30 MHz, the amplitude of spurious emissions that are attenuated by more than 20dB below the permissible. The value has no need to be reported.
2. The spurious above 18GHz is noise only and 20dB below the limit. The value has no need to be reported.
3. The EUT is working in the Normal link mode below 1 GHz.

Figure 37: Spurious Emission, 30MHz – 1GHz, Normal Link Mode

30MHz-1GHz, Horizontal

REmission Test case_FCC_Part 15C_FCC 15.247(2.4G)_30MHz-1GHz



Frequency (MHz)	Peak Level (dBuV/m)	Q-peak Level (dBuV/m)	Average Level (dBuV/m)	Factor (dB)	PK Limit (dBuV/m)	QP Limit (dBuV/m)	AV Limit (dBuV/m)	Over Limit (dB)	Table (o)	Height (cm)	ANT	Verdict
32.667	21.65	--	--	-27.67	--	40.0	--	-18.35	15.00	100	Horizontal	Pass
113.642	22.07	--	--	-28.34	--	43.5	--	-21.43	15.00	100	Horizontal	Pass
161.645	21.93	--	--	-30.52	--	43.5	--	-21.57	15.00	100	Horizontal	Pass
185.646	23.95	--	--	-29.04	--	43.5	--	-19.55	4.00	100	Horizontal	Pass
215.466	29.87	26.20	--	-27.44	--	43.5	--	-17.30	5.00	100	Horizontal	Pass
555.609	31.83	--	--	-19.48	--	46.0	--	-14.17	10.00	100	Horizontal	Pass

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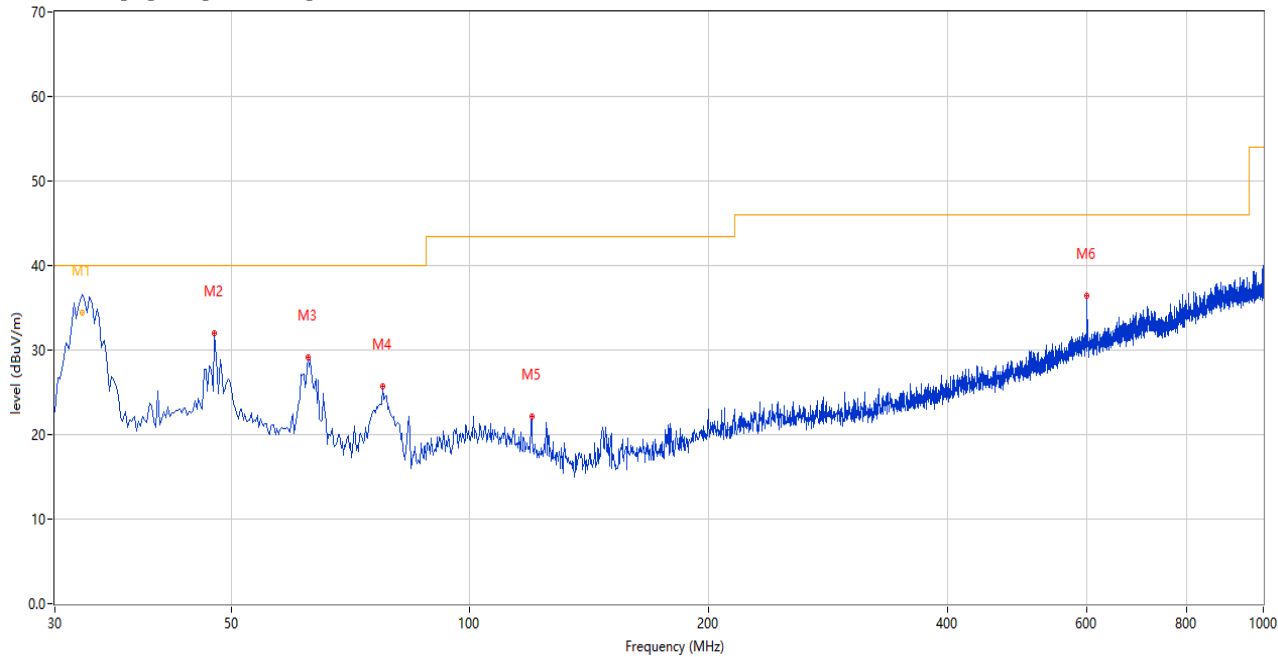
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30MHz-1GHz, Vertical

REmission Test case_FCC_Part 15C_FCC 15.247(2.4G)_30MHz-1GHz



Frequency (MHz)	Peak Level (dBuV/m)	Q-peak Level (dBuV/m)	Average Level (dBuV/m)	Factor (dB)	PK Limit (dBuV/m)	QP Limit (dBuV/m)	AV Limit (dBuV/m)	Over Limit (dB)	Table (o)	Height (cm)	ANT	Verdict
32.424	36.60	34.44	--	-27.68	--	40.0	--	-5.56	0.00	100	Vertical	Pass
47.698	31.94	--	--	-25.54	--	40.0	--	-8.06	0.00	100	Vertical	Pass
62.487	29.09	--	--	-27.77	--	40.0	--	-10.91	0.00	100	Vertical	Pass
77.761	25.69	--	--	-31.91	--	40.0	--	-14.31	0.00	100	Vertical	Pass
119.703	22.08	--	--	-29.31	--	43.5	--	-21.42	7.00	100	Vertical	Pass
599.733	36.44	--	--	-18.01	--	46.0	--	-9.56	15.00	100	Vertical	Pass

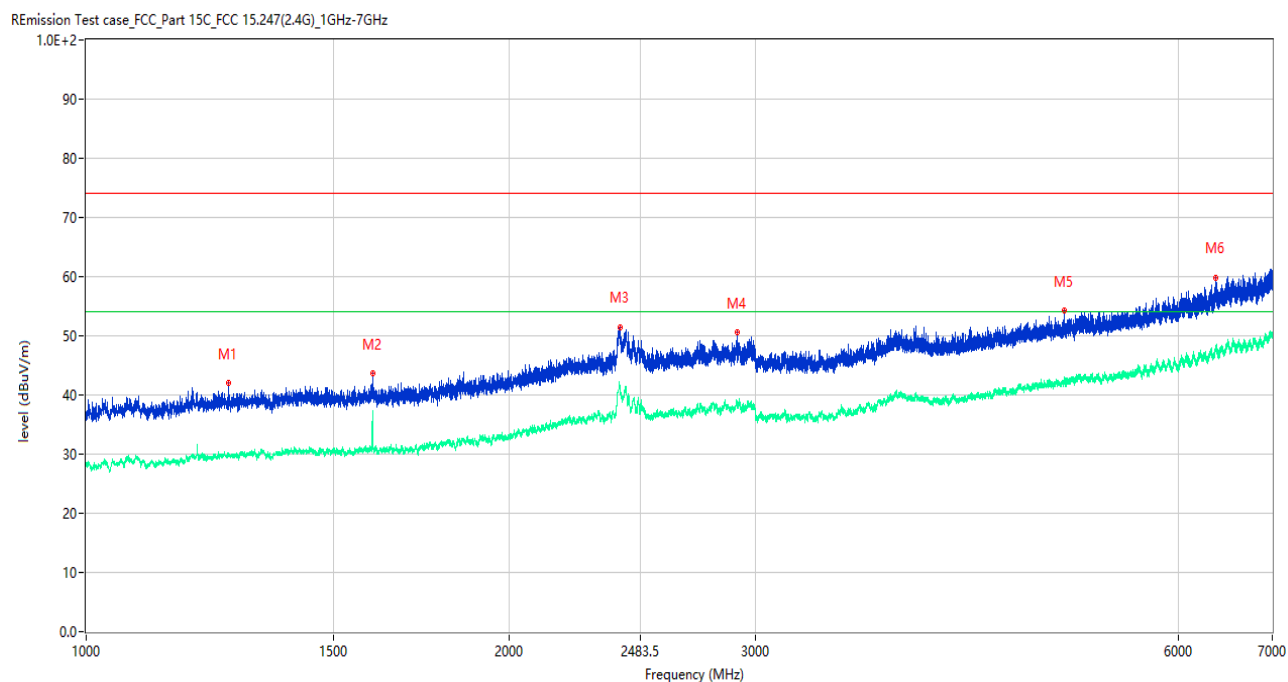
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Figure 38: Spurious Emission, 1GHz – 10th Harmonic, 802.11b, 2412MHz
1GHz-7GHz, Horizontal



Frequency (MHz)	Peak Level (dBUV/m)	Q-peak Level (dBUV/m)	Average Level (dBUV/m)	Factor (dB)	PK Limit (dBUV/m)	QP Limit (dBUV/m)	AV Limit (dBUV/m)	Over Limit (dB)	Table (o)	Height (cm)	ANT	Verdict
1263.467	42.04	--	30.01	-10.00	74.0	--	54.0	-23.99	6.00	100	Horizontal	Pass
1600.425	43.57	--	34.61	-10.35	74.0	--	54.0	-19.39	8.00	100	Horizontal	Pass
2400.325	51.43	--	41.30	2.07	74.0	--	54.0	-12.70	7.00	100	Horizontal	Pass
2907.762	50.60	--	39.00	-0.56	74.0	--	54.0	-15.00	12.00	100	Horizontal	Pass
4972.628	54.21	--	42.24	3.88	74.0	--	54.0	-11.76	15.00	100	Horizontal	Pass
6385.077	59.73	--	47.95	10.46	74.0	--	54.0	-6.05	13.00	100	Horizontal	Pass

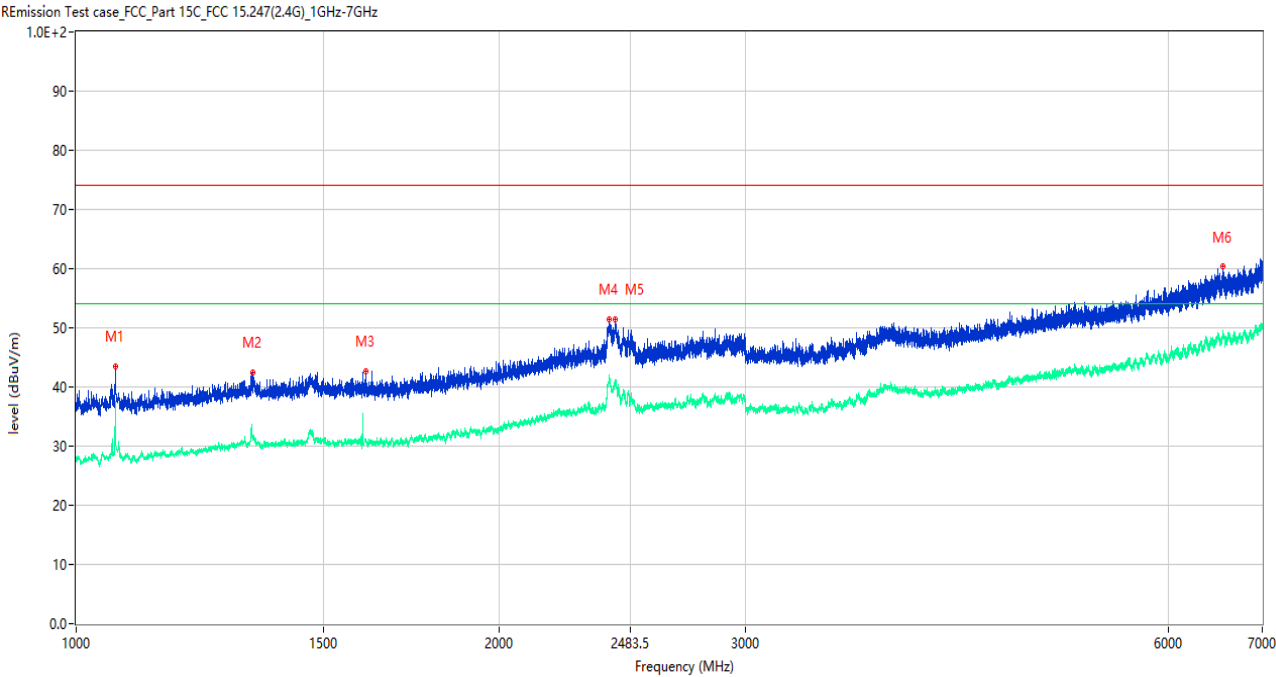
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1GHz-7GHz, Vertical



Frequency (MHz)	Peak Level (dBuV/m)	Q-peak Level (dBuV/m)	Average Level (dBuV/m)	Factor (dB)	PK Limit (dBuV/m)	QP Limit (dBuV/m)	AV Limit (dBuV/m)	Over Limit (dB)	Table (o)	Height (cm)	ANT	Verdict
1066.492	43.49	--	37.60	-10.64	74.0	--	54.0	-16.40	10.00	100	Vertical	Pass
1335.458	42.47	--	31.34	-9.66	74.0	--	54.0	-22.66	8.00	100	Vertical	Pass
1607.174	42.71	--	31.02	-9.70	74.0	--	54.0	-22.98	0.00	100	Vertical	Pass
2397.825	51.53	--	41.43	2.17	74.0	--	54.0	-12.57	14.00	100	Vertical	Pass
2422.322	51.40	--	41.09	1.29	74.0	--	54.0	-12.91	7.00	100	Vertical	Pass
6566.429	60.33	--	48.70	12.19	74.0	--	54.0	-5.30	6.00	100	Vertical	Pass

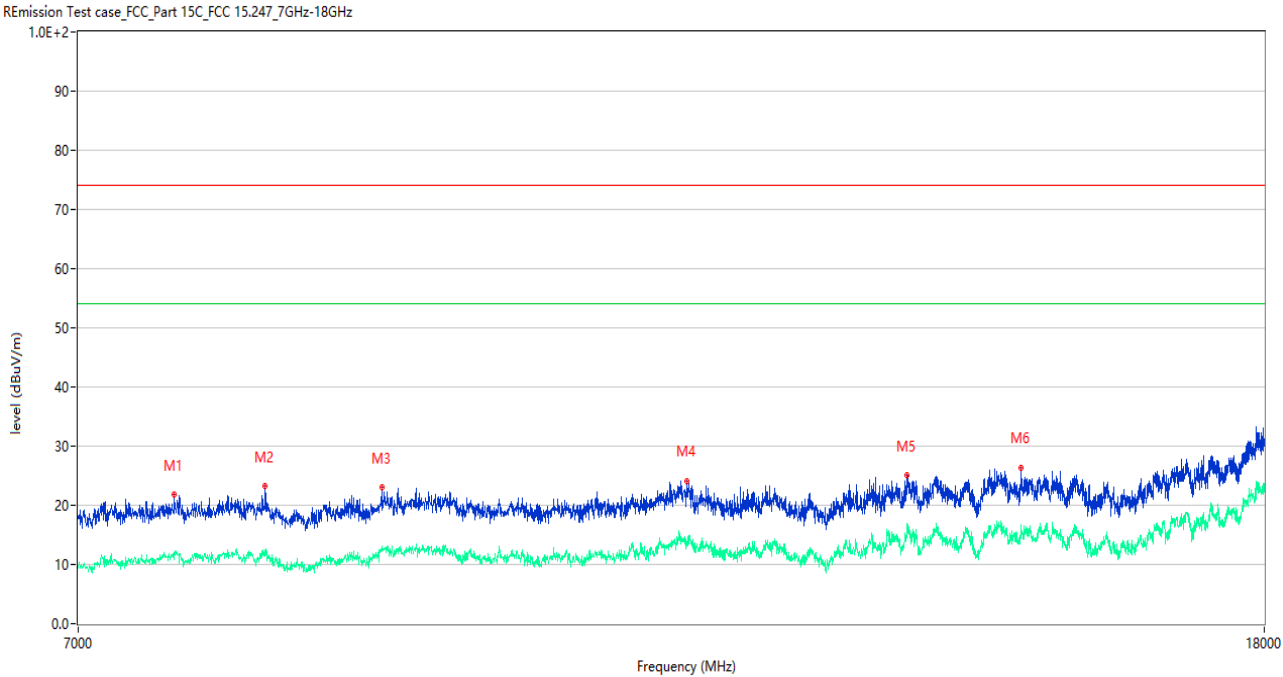
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7GHz-18GHz, Horizontal



Frequency (MHz)	Peak Level (dBuV/m)	Q-peak Level (dBuV/m)	Average Level (dBuV/m)	Factor (dB)	PK Limit (dBuV/m)	QP Limit (dBuV/m)	AV Limit (dBuV/m)	Over Limit (dB)	Table (o)	Height (cm)	ANT	Verdict
7555.361	21.83	--	11.84	-26.02	74.0	--	54.0	-42.16	1.00	100	Horizontal	Pass
8124.469	23.26	--	12.22	-25.25	74.0	--	54.0	-41.78	12.00	100	Horizontal	Pass
8913.522	23.02	--	12.86	-24.86	74.0	--	54.0	-41.14	7.00	100	Horizontal	Pass
11363.159	24.10	--	13.36	-19.56	74.0	--	54.0	-40.64	13.00	100	Horizontal	Pass
13546.113	25.07	--	15.96	-16.25	74.0	--	54.0	-38.04	14.00	100	Horizontal	Pass
14832.792	26.40	--	16.73	-14.82	74.0	--	54.0	-37.27	10.00	100	Horizontal	Pass

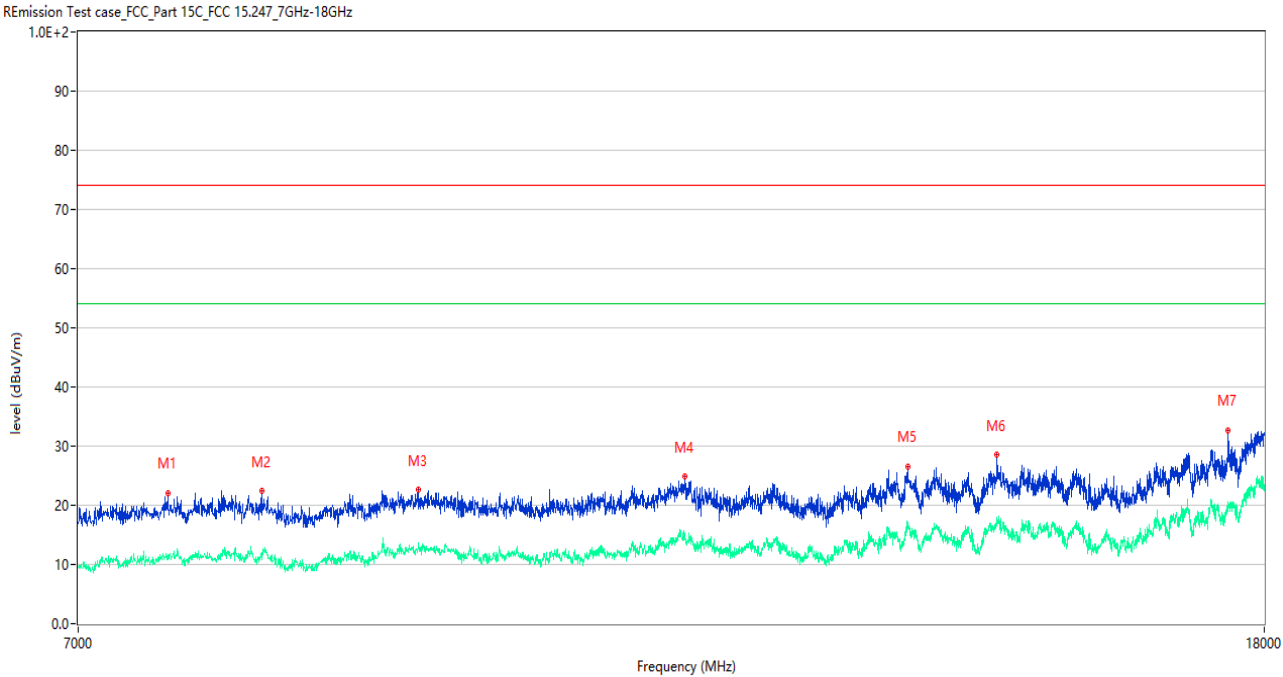
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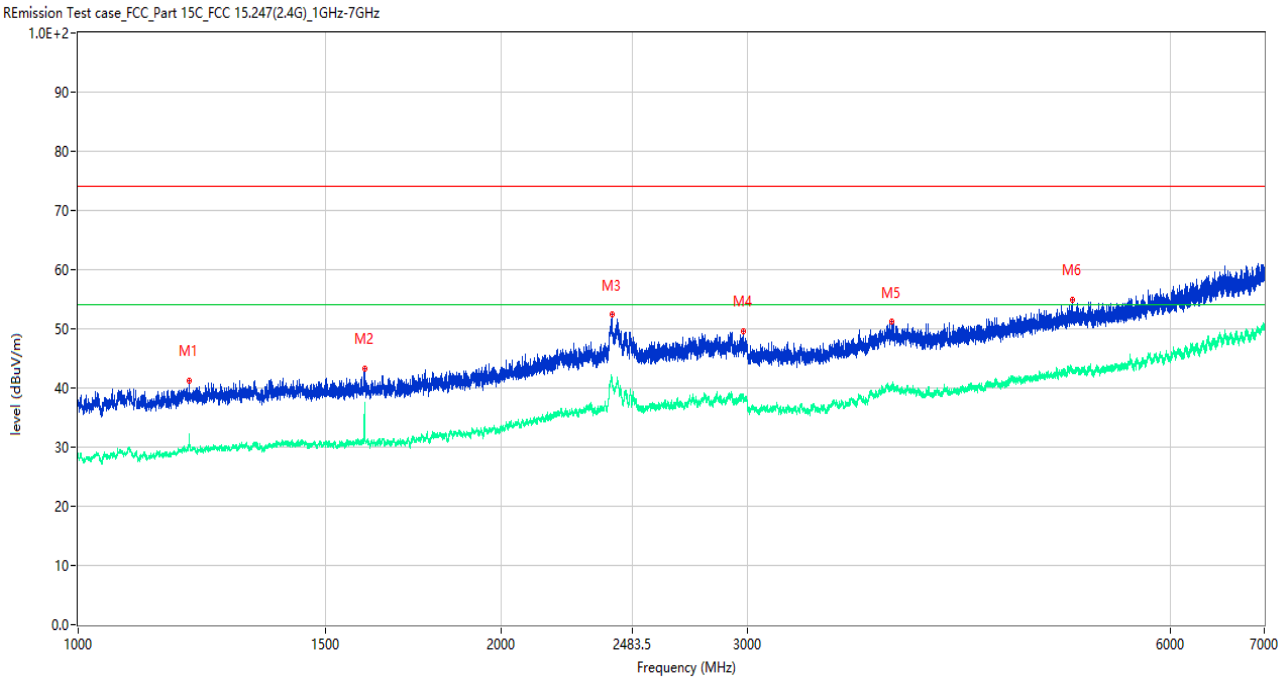
7GHz-18GHz, Vertical



Frequency (MHz)	Peak Level (dBuV/m)	Q-peak Level (dBuV/m)	Average Level (dBuV/m)	Factor (dB)	PK Limit (dBuV/m)	QP Limit (dBuV/m)	AV Limit (dBuV/m)	Over Limit (dB)	Table (o)	Height (cm)	ANT	Verdict
7516.871	21.96	--	11.66	-26.16	74.0	--	54.0	-42.34	11.00	100	Vertical	Pass
8099.725	22.37	--	12.05	-24.99	74.0	--	54.0	-41.95	1.00	100	Vertical	Pass
9180.205	22.60	--	13.61	-24.69	74.0	--	54.0	-40.39	2.00	100	Vertical	Pass
11343.914	24.86	--	15.29	-18.82	74.0	--	54.0	-38.71	13.00	100	Vertical	Pass
13554.361	26.62	--	16.44	-16.04	74.0	--	54.0	-37.56	9.00	100	Vertical	Pass
14549.613	28.51	--	17.98	-13.90	74.0	--	54.0	-36.02	4.00	100	Vertical	Pass
17491.377	32.66	--	20.53	-9.07	74.0	--	54.0	-33.47	5.00	100	Vertical	Pass

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Figure 39: Spurious Emission, 1GHz – 10th Harmonic, 802.11b, 2437MHz
1GHz-7GHz, Horizontal



Frequency (MHz)	Peak Level (dBuV/m)	Q-peak Level (dBuV/m)	Average Level (dBuV/m)	Factor (dB)	PK Limit (dBuV/m)	QP Limit (dBuV/m)	AV Limit (dBuV/m)	Over Limit (dB)	Table (o)	Height (cm)	ANT	Verdict
1199.975	41.30	--	32.10	-10.49	74.0	--	54.0	-21.90	8.00	100	Horizontal	Pass
1599.925	43.32	--	37.61	-10.37	74.0	--	54.0	-16.39	13.00	100	Horizontal	Pass
2400.825	52.35	--	41.18	2.05	74.0	--	54.0	-12.82	0.00	100	Horizontal	Pass
2978.003	49.67	--	38.64	-0.40	74.0	--	54.0	-15.36	15.00	100	Horizontal	Pass
3796.400	51.17	--	40.14	0.83	74.0	--	54.0	-13.86	0.00	100	Horizontal	Pass
5107.612	54.90	--	42.84	4.63	74.0	--	54.0	-11.16	0.00	100	Horizontal	Pass

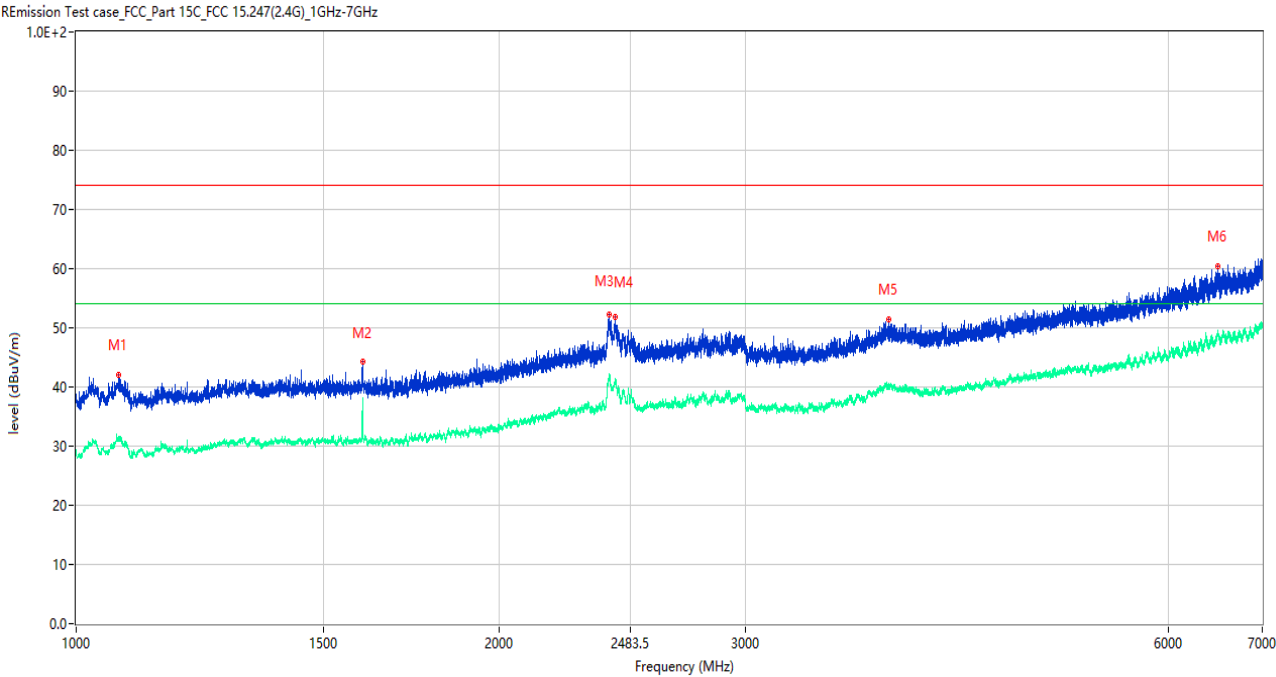
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1GHz-7GHz, Vertical



Frequency (MHz)	Peak Level (dBuV/m)	Q-peak Level (dBuV/m)	Average Level (dBuV/m)	Factor (dB)	PK Limit (dBuV/m)	QP Limit (dBuV/m)	AV Limit (dBuV/m)	Over Limit (dB)	Table (o)	Height (cm)	ANT	Verdict
1071.991	42.10	--	30.82	-10.30	74.0	--	54.0	-23.18	6.00	100	Vertical	Pass
1599.425	44.21	--	36.67	-10.39	74.0	--	54.0	-17.33	9.00	100	Vertical	Pass
2397.075	52.19	--	41.91	2.19	74.0	--	54.0	-12.09	2.00	100	Vertical	Pass
2419.823	51.83	--	40.76	1.38	74.0	--	54.0	-13.24	5.00	100	Vertical	Pass
3791.151	51.47	--	40.28	0.76	74.0	--	54.0	-13.72	3.00	100	Vertical	Pass
6512.311	60.45	--	48.53	12.32	74.0	--	54.0	-5.47	3.00	100	Vertical	Pass

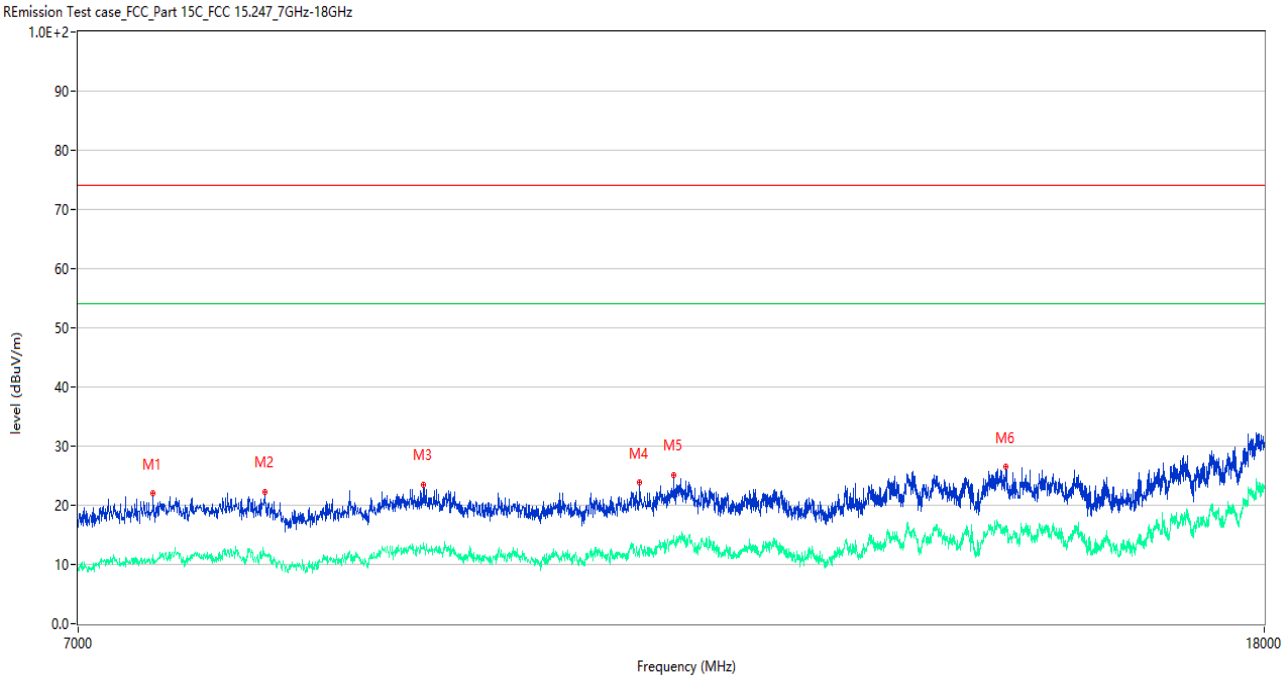
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7GHz-18GHz, Horizontal



Frequency (MHz)	Peak Level (dBuV/m)	Q-peak Level (dBuV/m)	Average Level (dBuV/m)	Factor (dB)	PK Limit (dBuV/m)	QP Limit (dBuV/m)	AV Limit (dBuV/m)	Over Limit (dB)	Table (o)	Height (cm)	ANT	Verdict
7431.642	22.01	--	11.67	-26.33	74.0	--	54.0	-42.33	11.00	100	Horizontal	Pass
8121.720	22.31	--	11.39	-25.48	74.0	--	54.0	-42.61	12.00	100	Horizontal	Pass
9215.946	23.47	--	13.69	-24.68	74.0	--	54.0	-40.31	0.00	100	Horizontal	Pass
10948.013	23.87	--	12.16	-19.95	74.0	--	54.0	-41.84	0.00	100	Horizontal	Pass
11247.688	25.13	--	14.98	-19.46	74.0	--	54.0	-39.02	0.00	100	Horizontal	Pass
14656.836	26.47	--	16.61	-14.45	74.0	--	54.0	-37.39	9.00	100	Horizontal	Pass

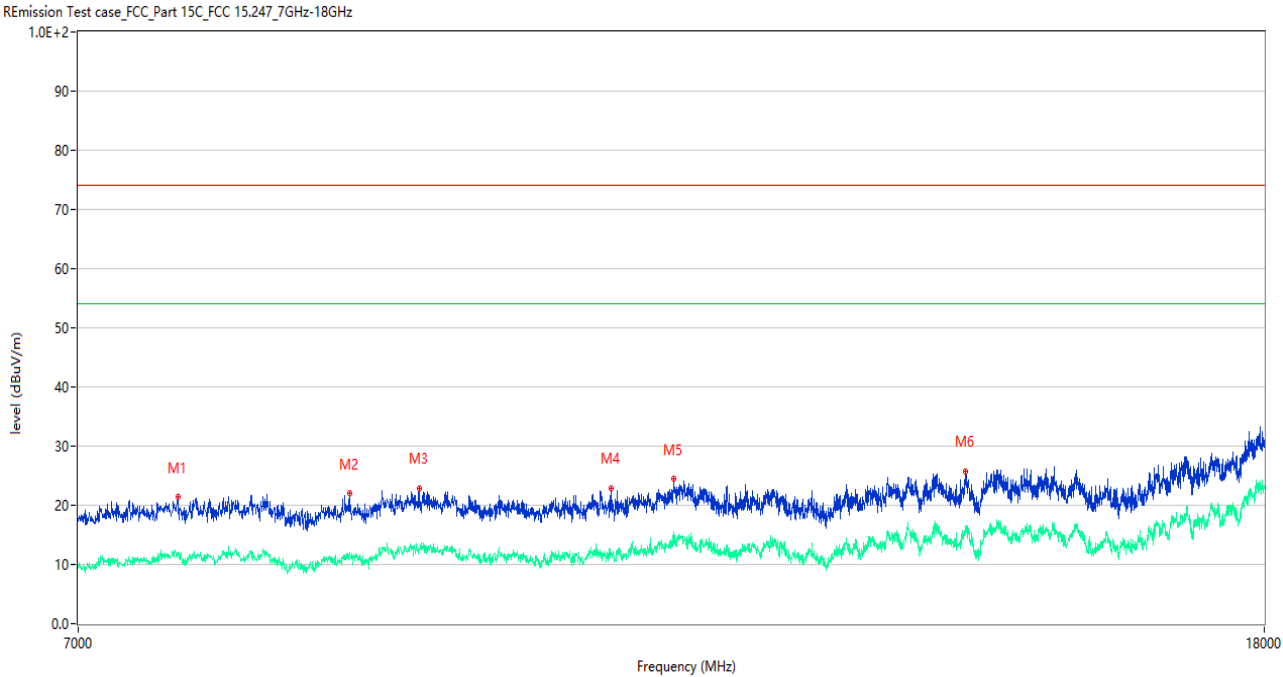
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7GHz-18GHz, Vertical



Frequency (MHz)	Peak Level (dBuV/m)	Q-peak Level (dBuV/m)	Average Level (dBuV/m)	Factor (dB)	PK Limit (dBuV/m)	QP Limit (dBuV/m)	AV Limit (dBuV/m)	Over Limit (dB)	Table (o)	Height (cm)	ANT	Verdict
7577.356	21.42	--	12.00	-26.14	74.0	--	54.0	-42.00	15.00	100	Vertical	Pass
8688.078	21.96	--	12.04	-25.21	74.0	--	54.0	-41.96	0.00	100	Vertical	Pass
9182.954	22.92	--	12.64	-24.79	74.0	--	54.0	-41.36	7.00	100	Vertical	Pass
10703.324	22.87	--	11.74	-21.23	74.0	--	54.0	-42.26	8.00	100	Vertical	Pass
11247.688	24.40	--	13.52	-19.46	74.0	--	54.0	-40.48	0.00	100	Vertical	Pass
14183.954	25.73	--	16.47	-14.62	74.0	--	54.0	-37.53	9.00	100	Vertical	Pass

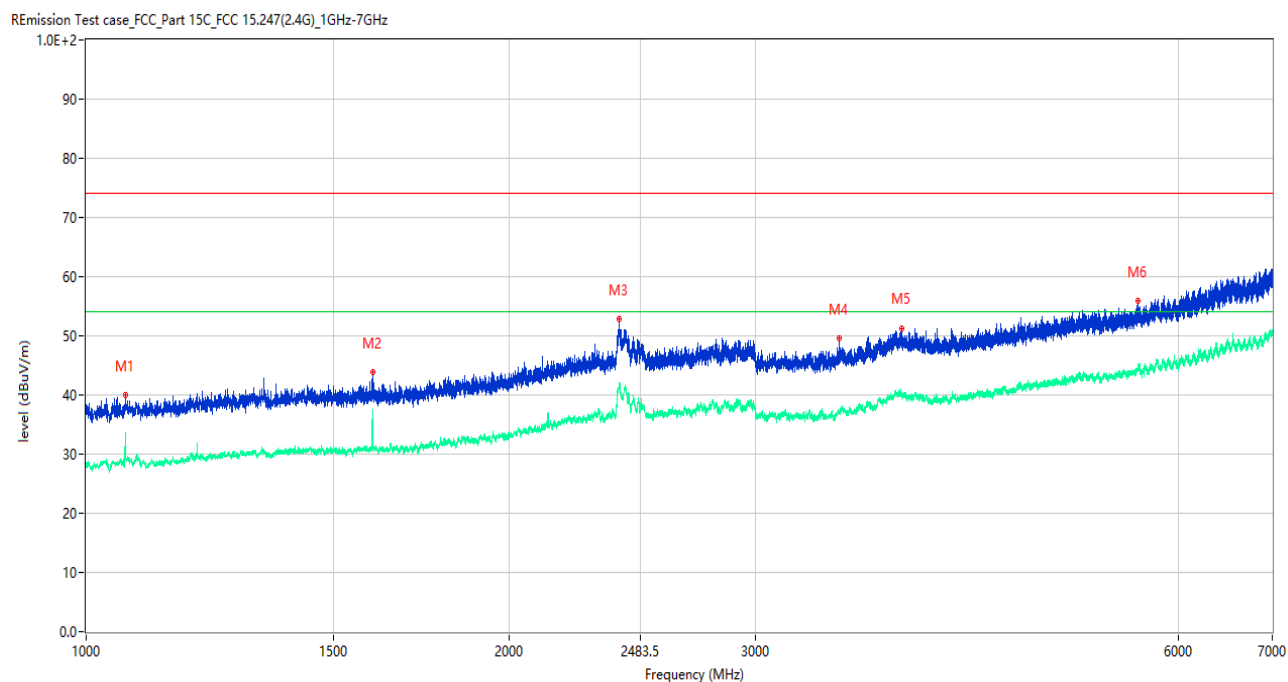
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Figure 40: Spurious Emission, 1GHz – 10th Harmonic, 802.11b, 2462MHz
1GHz-7GHz, Horizontal



Frequency (MHz)	Peak Level (dBuV/m)	Q-peak Level (dBuV/m)	Average Level (dBuV/m)	Factor (dB)	PK Limit (dBuV/m)	QP Limit (dBuV/m)	AV Limit (dBuV/m)	Over Limit (dB)	Table (o)	Height (cm)	ANT	Verdict
1066.742	39.93	--	33.14	-10.59	74.0	--	54.0	-20.86	10.00	100	Horizontal	Pass
1599.925	43.86	--	36.52	-10.37	74.0	--	54.0	-17.48	0.00	100	Horizontal	Pass
2397.825	52.83	--	41.86	2.17	74.0	--	54.0	-12.14	2.00	100	Horizontal	Pass
3438.320	49.68	--	37.42	-2.15	74.0	--	54.0	-16.58	7.00	100	Horizontal	Pass
3810.649	51.31	--	40.39	0.82	74.0	--	54.0	-13.61	5.00	100	Horizontal	Pass
5620.172	55.84	--	45.02	6.73	74.0	--	54.0	-8.98	11.00	100	Horizontal	Pass

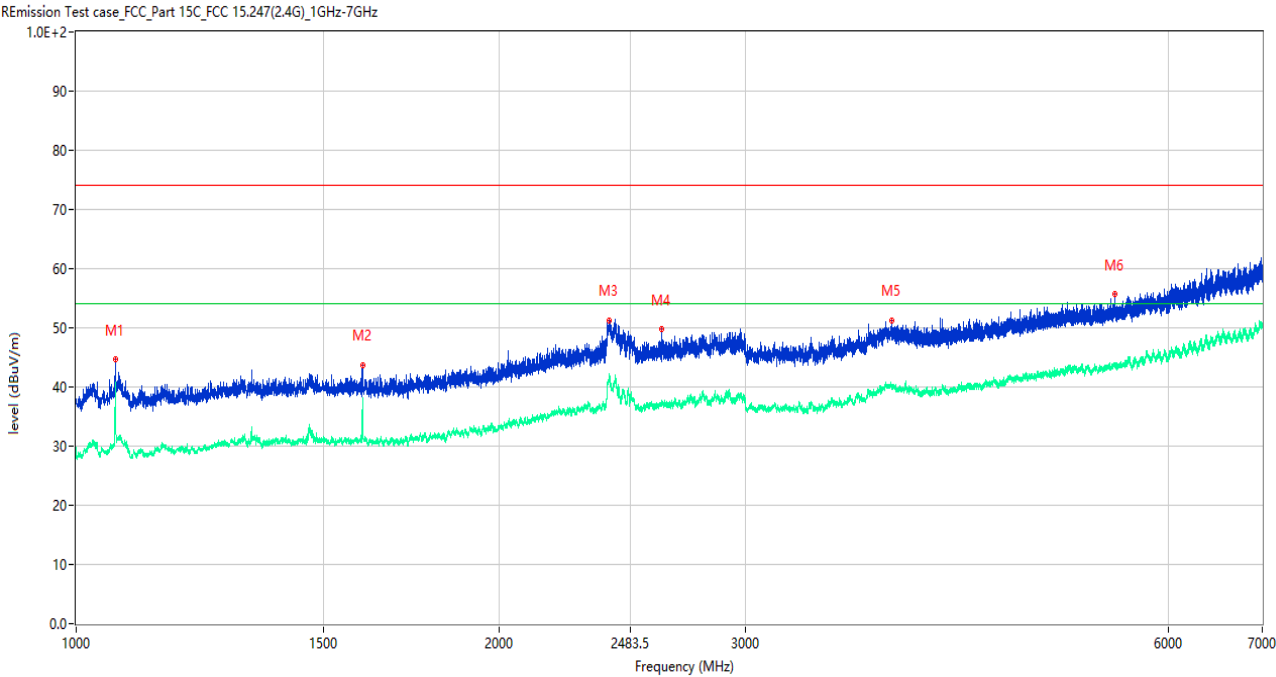
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1GHz-7GHz, Vertical



Frequency (MHz)	Peak Level (dBuV/m)	Q-peak Level (dBuV/m)	Average Level (dBuV/m)	Factor (dB)	PK Limit (dBuV/m)	QP Limit (dBuV/m)	AV Limit (dBuV/m)	Over Limit (dB)	Table (o)	Height (cm)	ANT	Verdict
1066.242	44.60	--	40.43	-10.68	74.0	--	54.0	-13.57	13.00	100	Vertical	Pass
1600.175	43.74	--	37.47	-10.36	74.0	--	54.0	-16.53	9.00	100	Vertical	Pass
2397.325	51.25	--	41.61	2.18	74.0	--	54.0	-12.39	7.00	100	Vertical	Pass
2611.299	49.78	--	36.93	-1.43	74.0	--	54.0	-17.07	2.00	100	Vertical	Pass
3808.774	51.27	--	40.47	1.00	74.0	--	54.0	-13.53	5.00	100	Vertical	Pass
5496.813	55.64	--	43.66	5.70	74.0	--	54.0	-10.34	13.00	100	Vertical	Pass

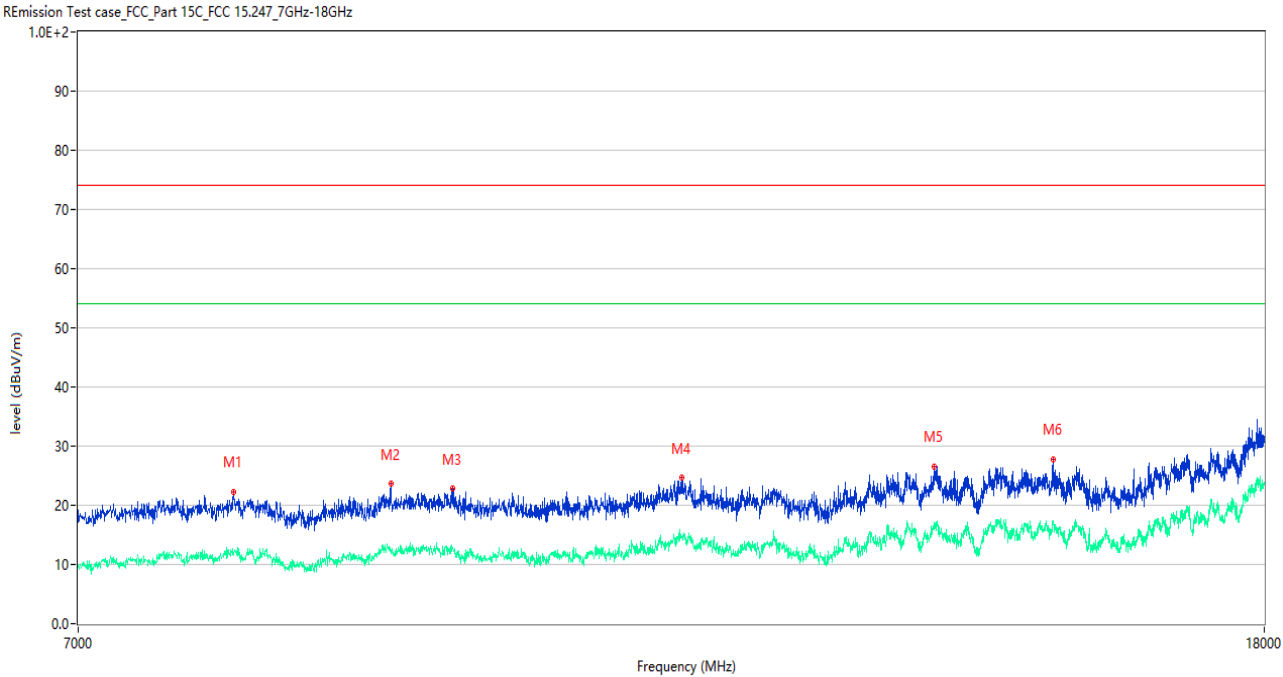
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7GHz-18GHz, Horizontal



Frequency (MHz)	Peak Level (dBuV/m)	Q-peak Level (dBuV/m)	Average Level (dBuV/m)	Factor (dB)	PK Limit (dBuV/m)	QP Limit (dBuV/m)	AV Limit (dBuV/m)	Over Limit (dB)	Table (o)	Height (cm)	ANT	Verdict
7923.769	22.27	--	12.07	-26.30	74.0	--	54.0	-41.93	15.00	100	Horizontal	Pass
8979.505	23.60	--	12.38	-25.49	74.0	--	54.0	-41.62	2.00	100	Horizontal	Pass
9433.142	22.79	--	12.62	-25.33	74.0	--	54.0	-41.38	12.00	100	Horizontal	Pass
11316.421	24.66	--	14.51	-19.17	74.0	--	54.0	-39.49	13.00	100	Horizontal	Pass
13837.541	26.59	--	15.89	-15.36	74.0	--	54.0	-38.11	14.00	100	Horizontal	Pass
15212.197	27.77	--	17.33	-16.00	74.0	--	54.0	-36.67	15.00	100	Horizontal	Pass

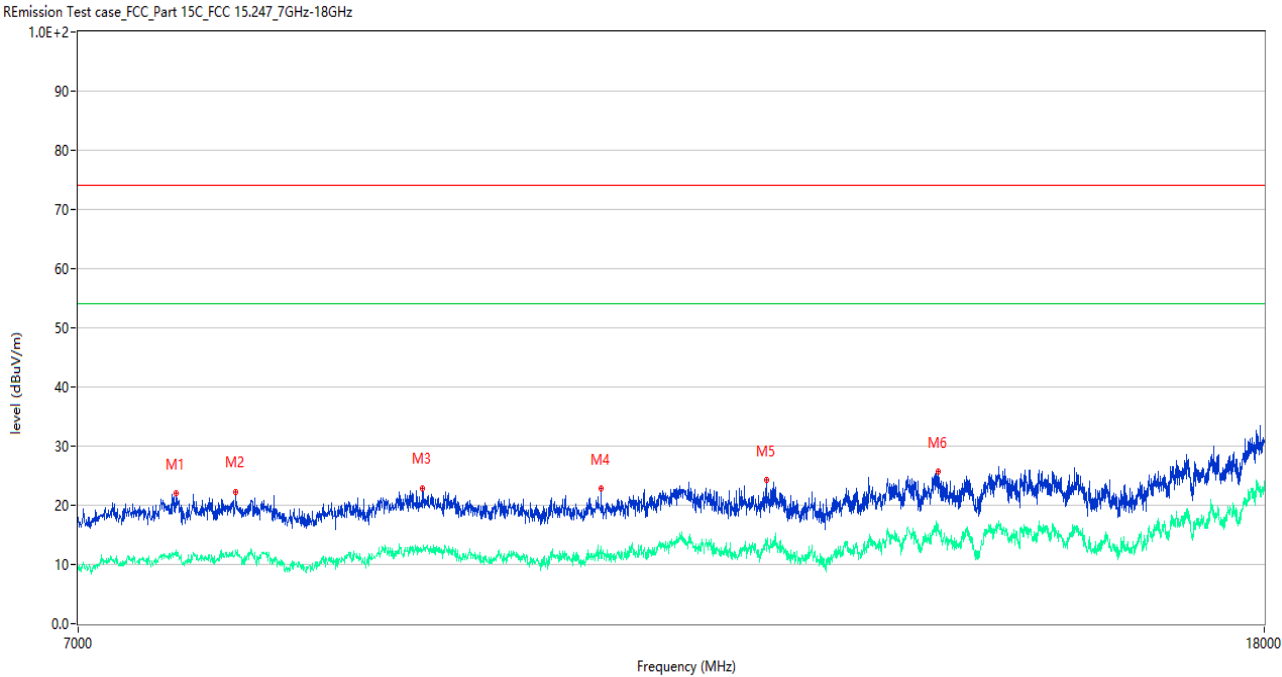
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7GHz-18GHz, Vertical



Frequency (MHz)	Peak Level (dBuV/m)	Q-peak Level (dBuV/m)	Average Level (dBuV/m)	Factor (dB)	PK Limit (dBuV/m)	QP Limit (dBuV/m)	AV Limit (dBuV/m)	Over Limit (dB)	Table (o)	Height (cm)	ANT	Verdict
7566.358	21.99	--	12.41	-26.29	74.0	--	54.0	-41.59	11.00	100	Vertical	Pass
7937.516	22.34	--	12.53	-26.20	74.0	--	54.0	-41.47	12.00	100	Vertical	Pass
9210.447	22.89	--	12.41	-25.41	74.0	--	54.0	-41.59	12.00	100	Vertical	Pass
10615.346	22.77	--	13.01	-21.04	74.0	--	54.0	-40.99	8.00	100	Vertical	Pass
12108.223	24.19	--	14.17	-20.58	74.0	--	54.0	-39.83	14.00	100	Vertical	Pass
13878.780	25.66	--	16.78	-15.20	74.0	--	54.0	-37.22	9.00	100	Vertical	Pass

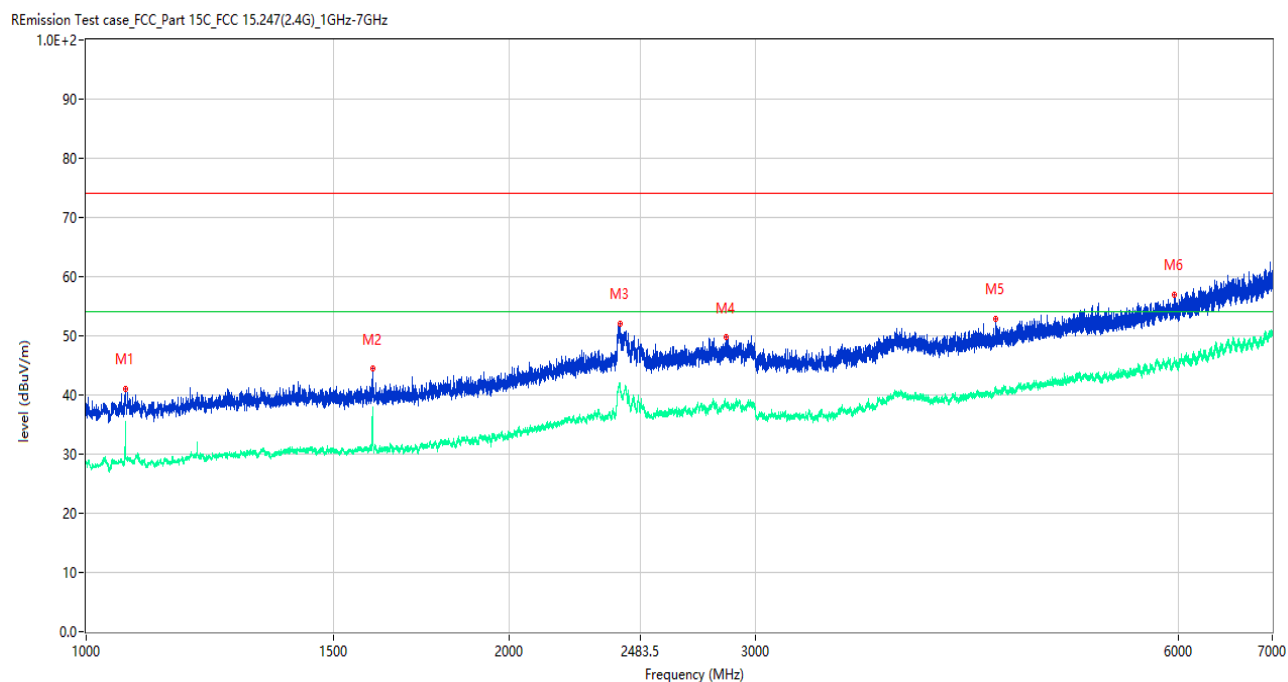
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Figure 41: Spurious Emission, 1GHz – 10th Harmonic, 802.11g, 2412MHz
1GHz-7GHz, Horizontal



Frequency (MHz)	Peak Level (dBuV/m)	Q-peak Level (dBuV/m)	Average Level (dBuV/m)	Factor (dB)	PK Limit (dBuV/m)	QP Limit (dBuV/m)	AV Limit (dBuV/m)	Over Limit (dB)	Table (o)	Height (cm)	ANT	Verdict
1066.492	41.06	--	35.54	-10.64	74.0	--	54.0	-18.46	13.00	100	Horizontal	Pass
1600.175	44.48	--	35.97	-10.36	74.0	--	54.0	-18.03	1.00	100	Horizontal	Pass
2399.575	52.08	--	41.53	2.10	74.0	--	54.0	-12.47	5.00	100	Horizontal	Pass
2856.018	49.76	--	38.42	-0.59	74.0	--	54.0	-15.58	12.00	100	Horizontal	Pass
4445.069	52.92	--	40.70	1.97	74.0	--	54.0	-13.30	6.00	100	Horizontal	Pass
5959.130	57.00	--	46.29	8.10	74.0	--	54.0	-7.71	5.00	100	Horizontal	Pass

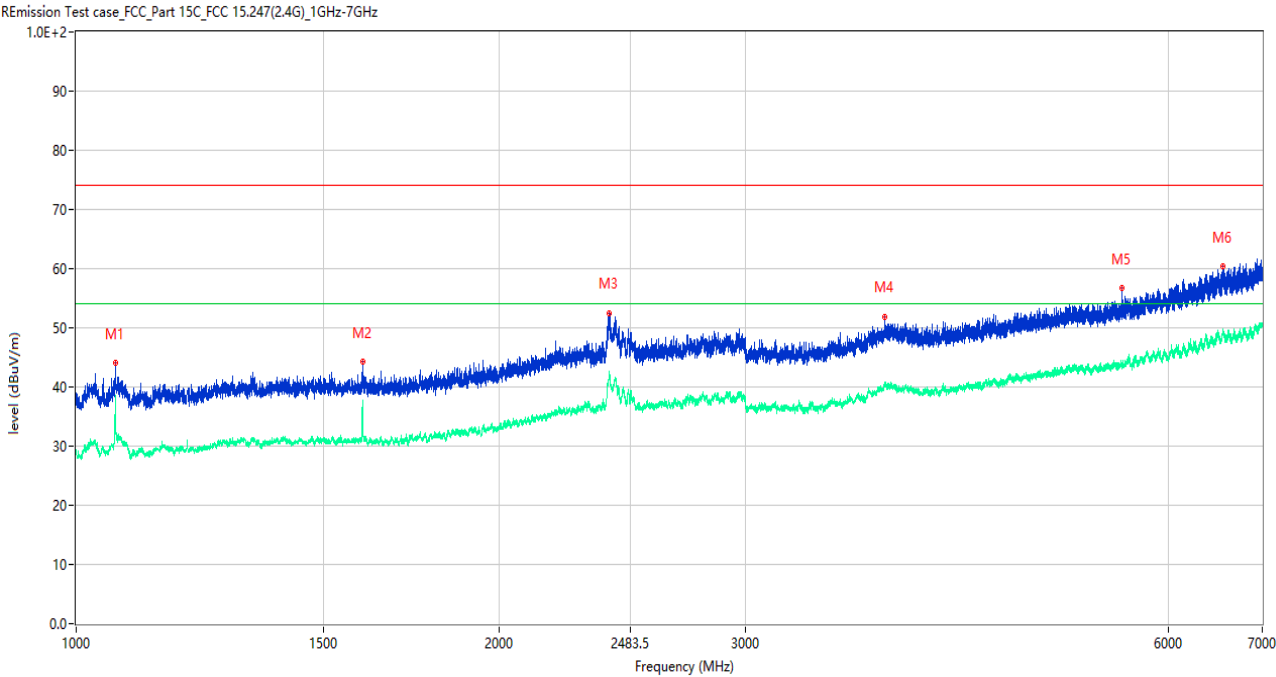
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1GHz-7GHz, Vertical



Frequency (MHz)	Peak Level (dBuV/m)	Q-peak Level (dBuV/m)	Average Level (dBuV/m)	Factor (dB)	PK Limit (dBuV/m)	QP Limit (dBuV/m)	AV Limit (dBuV/m)	Over Limit (dB)	Table (o)	Height (cm)	ANT	Verdict
1066.492	44.02	--	38.54	-10.64	74.0	--	54.0	-15.46	8.00	100	Vertical	Pass
1599.675	44.22	--	37.69	-10.38	74.0	--	54.0	-16.31	4.00	100	Vertical	Pass
2398.825	52.49	--	41.88	2.13	74.0	--	54.0	-12.12	9.00	100	Vertical	Pass
3770.904	51.85	--	40.12	1.24	74.0	--	54.0	-13.88	1.00	100	Vertical	Pass
5565.054	56.65	--	44.00	5.88	74.0	--	54.0	-10.00	4.00	100	Vertical	Pass
6560.555	60.40	--	49.24	12.38	74.0	--	54.0	-4.76	6.00	100	Vertical	Pass

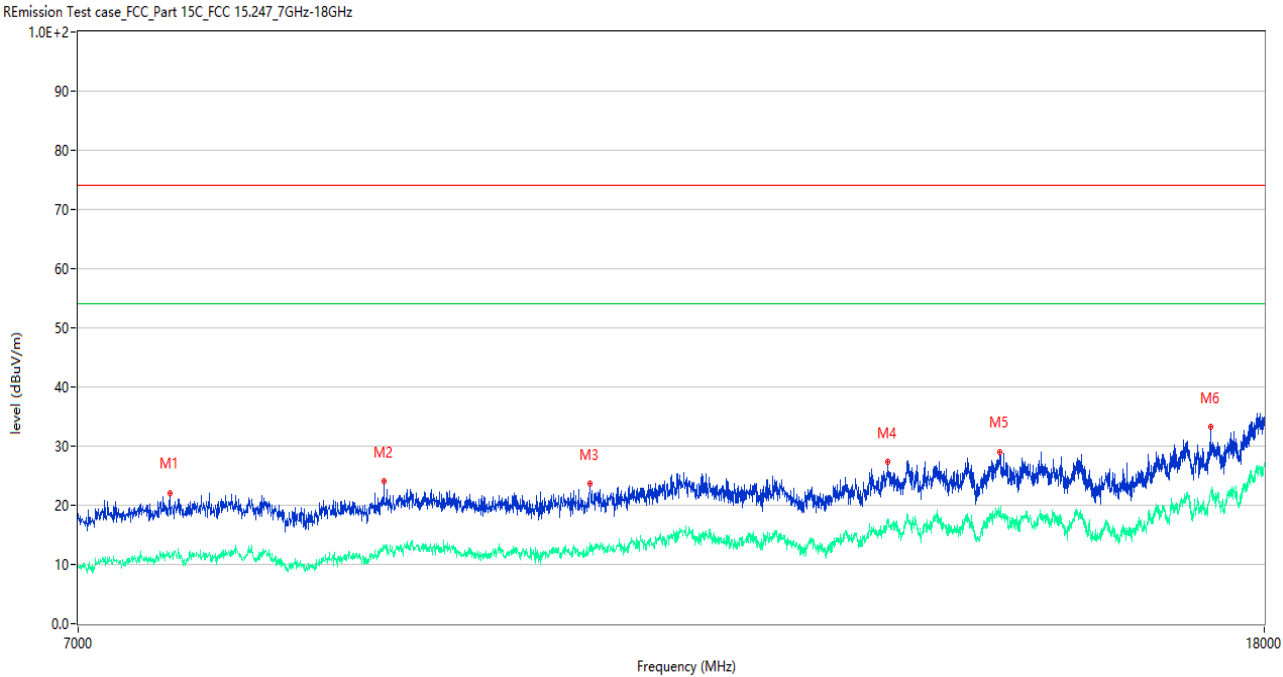
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7GHz-18GHz, Horizontal



Frequency (MHz)	Peak Level (dBuV/m)	Q-peak Level (dBuV/m)	Average Level (dBuV/m)	Factor (dB)	PK Limit (dBuV/m)	QP Limit (dBuV/m)	AV Limit (dBuV/m)	Over Limit (dB)	Table (o)	Height (cm)	ANT	Verdict
7530.617	22.13	--	11.53	-26.17	74.0	--	54.0	-42.47	11.00	100	Horizontal	Pass
8930.017	24.03	--	12.57	-24.75	74.0	--	54.0	-41.43	2.00	100	Horizontal	Pass
10521.870	23.64	--	13.76	-21.75	74.0	--	54.0	-40.24	13.00	100	Horizontal	Pass
13337.166	27.30	--	17.85	-17.00	74.0	--	54.0	-36.15	14.00	100	Horizontal	Pass
14579.855	29.00	--	18.98	-14.35	74.0	--	54.0	-35.02	15.00	100	Horizontal	Pass
17249.438	33.20	--	22.31	-9.64	74.0	--	54.0	-31.69	5.00	100	Horizontal	Pass

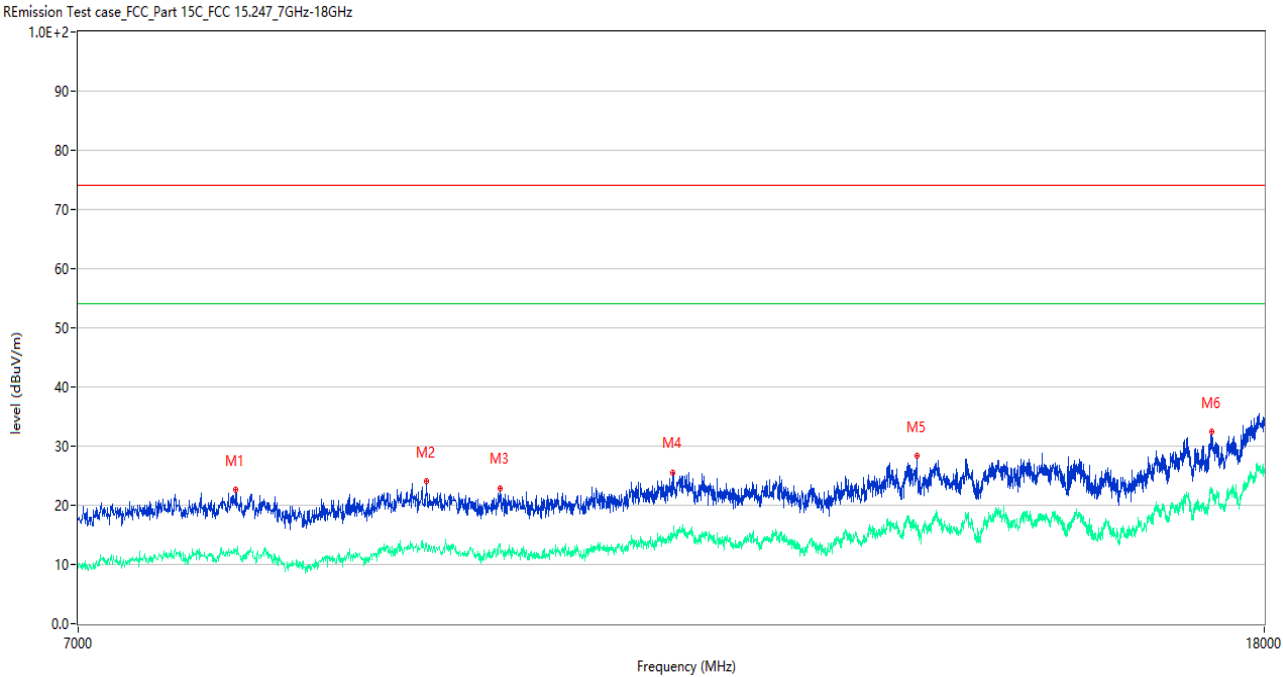
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7GHz-18GHz, Vertical



Frequency (MHz)	Peak Level (dBuV/m)	Q-peak Level (dBuV/m)	Average Level (dBuV/m)	Factor (dB)	PK Limit (dBuV/m)	QP Limit (dBuV/m)	AV Limit (dBuV/m)	Over Limit (dB)	Table (o)	Height (cm)	ANT	Verdict
7934.766	22.60	--	12.43	-26.22	74.0	--	54.0	-41.57	6.00	100	Vertical	Pass
9240.690	24.05	--	13.02	-25.32	74.0	--	54.0	-40.98	7.00	100	Vertical	Pass
9793.302	22.93	--	13.45	-24.08	74.0	--	54.0	-40.55	12.00	100	Vertical	Pass
11239.440	25.48	--	14.71	-20.09	74.0	--	54.0	-39.29	8.00	100	Vertical	Pass
13647.838	28.27	--	16.52	-16.95	74.0	--	54.0	-37.48	14.00	100	Vertical	Pass
17257.686	32.44	--	22.38	-9.25	74.0	--	54.0	-31.62	15.00	100	Vertical	Pass

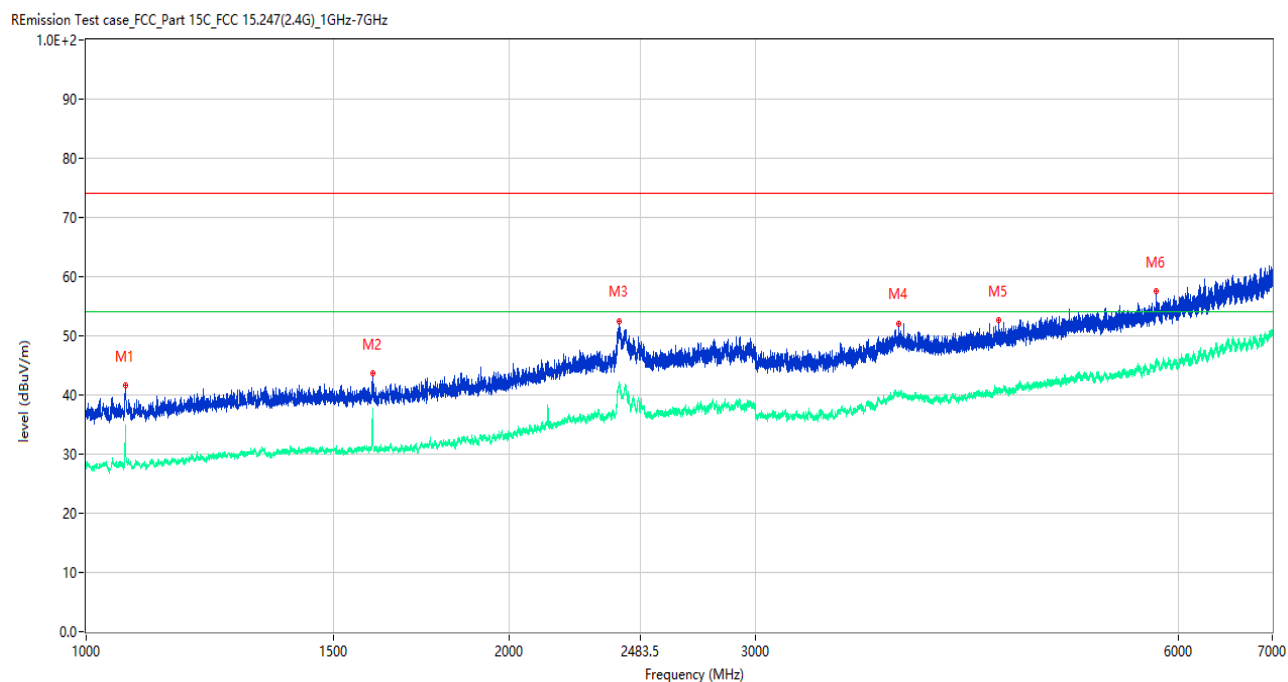
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Figure 42: Spurious Emission, 1GHz – 10th Harmonic, 802.11g, 2437MHz
1GHz-7GHz, Horizontal



Frequency (MHz)	Peak Level (dBuV/m)	Q-peak Level (dBuV/m)	Average Level (dBuV/m)	Factor (dB)	PK Limit (dBuV/m)	QP Limit (dBuV/m)	AV Limit (dBuV/m)	Over Limit (dB)	Table (o)	Height (cm)	ANT	Verdict
1066.242	41.57	--	34.16	-10.68	74.0	--	54.0	-19.84	3.00	100	Horizontal	Pass
1599.675	43.43	--	37.32	-10.38	74.0	--	54.0	-16.68	0.00	100	Horizontal	Pass
2398.325	52.52	--	42.06	2.15	74.0	--	54.0	-11.94	5.00	100	Horizontal	Pass
3791.151	52.11	--	39.80	0.76	74.0	--	54.0	-14.20	14.00	100	Horizontal	Pass
4469.441	52.56	--	40.62	1.76	74.0	--	54.0	-13.38	0.00	100	Horizontal	Pass
5787.027	57.52	--	45.76	6.79	74.0	--	54.0	-8.24	7.00	100	Horizontal	Pass

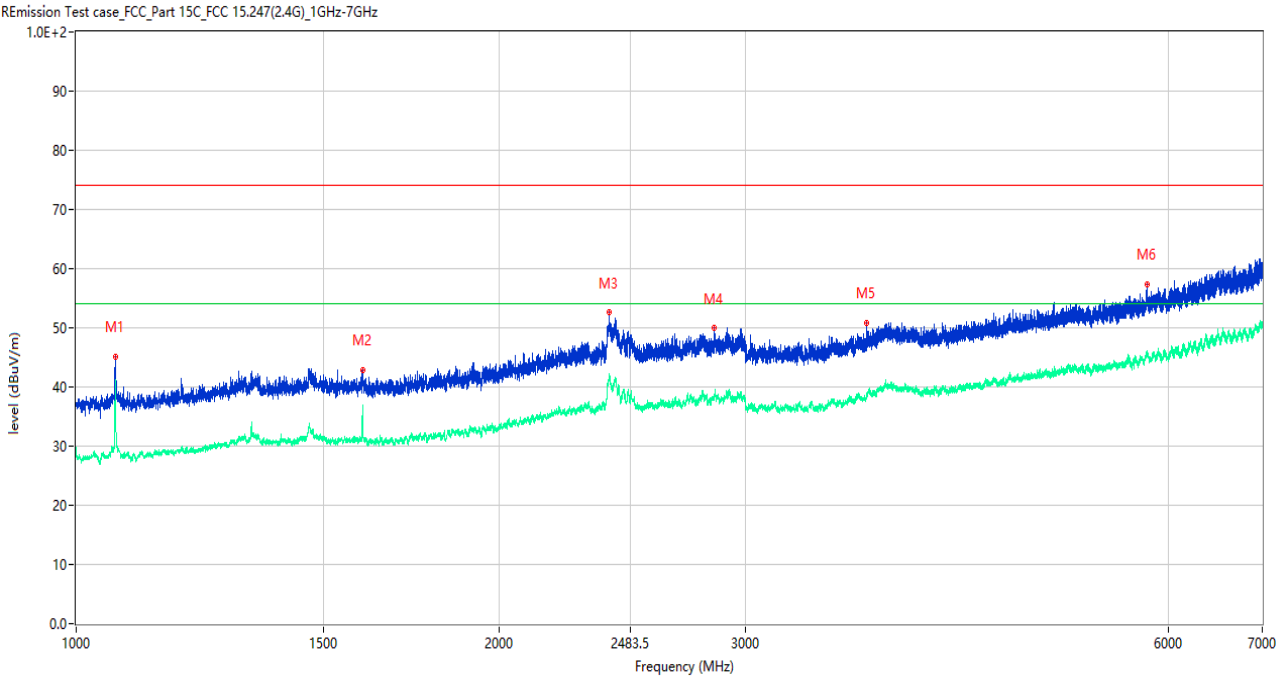
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1GHz-7GHz, Vertical



Frequency (MHz)	Peak Level (dBuV/m)	Q-peak Level (dBuV/m)	Average Level (dBuV/m)	Factor (dB)	PK Limit (dBuV/m)	QP Limit (dBuV/m)	AV Limit (dBuV/m)	Over Limit (dB)	Table (o)	Height (cm)	ANT	Verdict
1066.492	45.15	--	41.17	-10.64	74.0	--	54.0	-12.83	10.00	100	Vertical	Pass
1599.425	42.88	--	36.19	-10.39	74.0	--	54.0	-17.81	4.00	100	Vertical	Pass
2399.075	52.64	--	41.56	2.12	74.0	--	54.0	-12.44	2.00	100	Vertical	Pass
2846.769	49.95	--	38.65	-0.76	74.0	--	54.0	-15.35	10.00	100	Vertical	Pass
3655.793	50.87	--	38.25	-0.76	74.0	--	54.0	-15.75	14.00	100	Vertical	Pass
5792.276	57.35	--	45.90	6.98	74.0	--	54.0	-8.10	7.00	100	Vertical	Pass

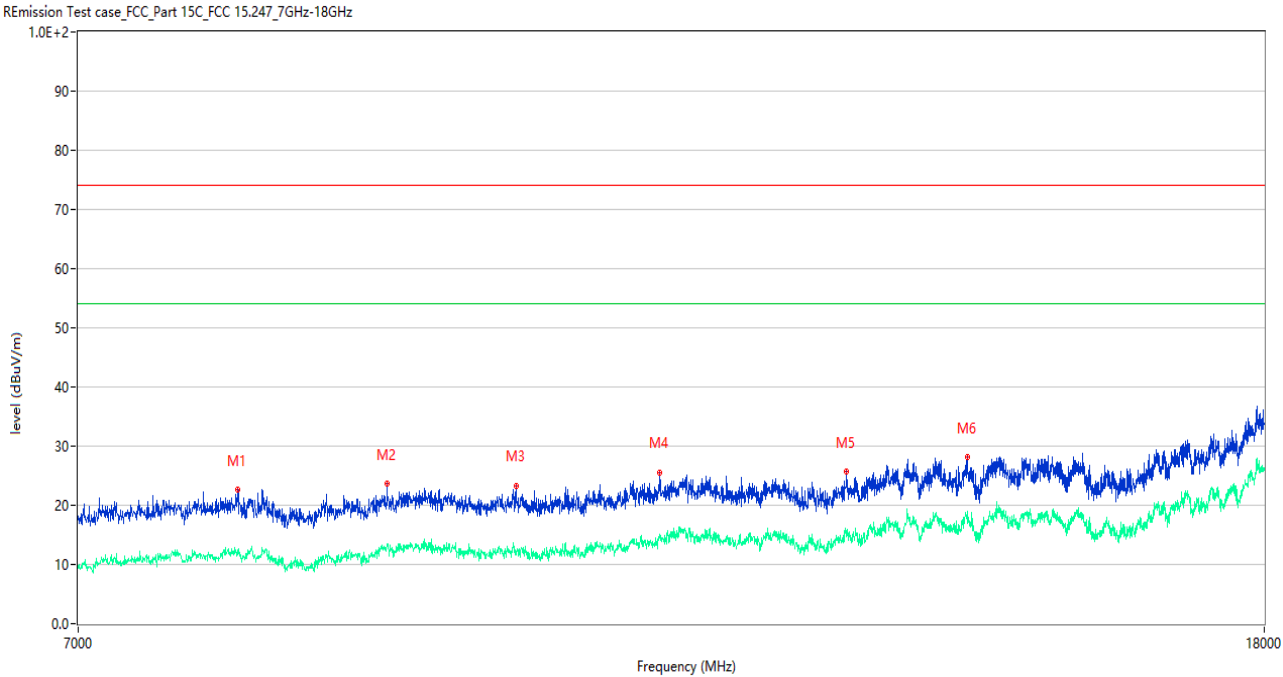
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7GHz-18GHz, Horizontal



Frequency (MHz)	Peak Level (dBuV/m)	Q-peak Level (dBuV/m)	Average Level (dBuV/m)	Factor (dB)	PK Limit (dBuV/m)	QP Limit (dBuV/m)	AV Limit (dBuV/m)	Over Limit (dB)	Table (o)	Height (cm)	ANT	Verdict
7945.764	22.61	--	12.50	-26.39	74.0	--	54.0	-41.50	1.00	100	Horizontal	Pass
8952.012	23.62	--	13.49	-24.86	74.0	--	54.0	-40.51	7.00	100	Horizontal	Pass
9919.770	23.30	--	12.18	-24.28	74.0	--	54.0	-41.82	7.00	100	Horizontal	Pass
11123.969	25.53	--	14.90	-20.39	74.0	--	54.0	-39.10	0.00	100	Horizontal	Pass
12908.273	25.68	--	15.64	-18.42	74.0	--	54.0	-38.36	9.00	100	Horizontal	Pass
14208.698	28.14	--	18.98	-14.80	74.0	--	54.0	-35.02	4.00	100	Horizontal	Pass

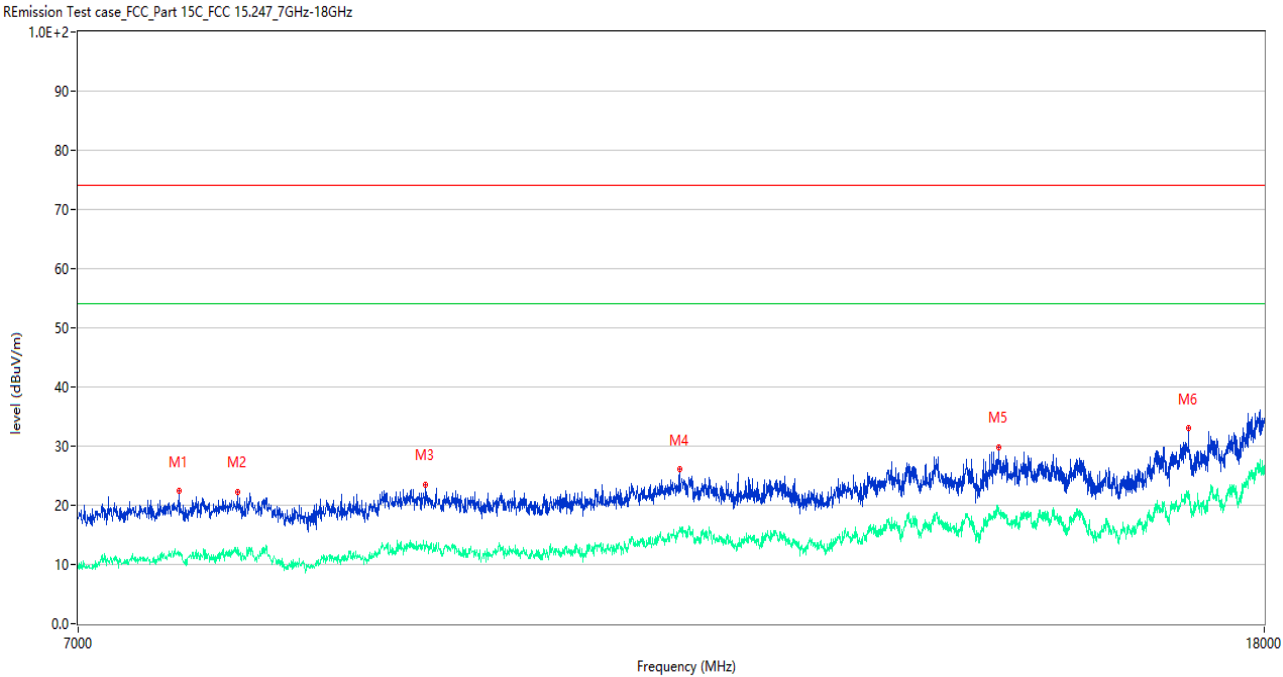
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7GHz-18GHz, Vertical



Frequency (MHz)	Peak Level (dBuV/m)	Q-peak Level (dBuV/m)	Average Level (dBuV/m)	Factor (dB)	PK Limit (dBuV/m)	QP Limit (dBuV/m)	AV Limit (dBuV/m)	Over Limit (dB)	Table (o)	Height (cm)	ANT	Verdict
7588.353	22.45	--	12.05	-26.56	74.0	--	54.0	-41.95	1.00	100	Vertical	Pass
7945.764	22.30	--	12.83	-26.39	74.0	--	54.0	-41.17	1.00	100	Vertical	Pass
9226.943	23.56	--	12.66	-25.11	74.0	--	54.0	-41.34	0.00	100	Vertical	Pass
11302.674	26.03	--	16.38	-19.16	74.0	--	54.0	-37.62	3.00	100	Vertical	Pass
14571.607	29.70	--	19.60	-14.23	74.0	--	54.0	-34.40	15.00	100	Vertical	Pass
16944.264	33.05	--	22.47	-11.77	74.0	--	54.0	-31.53	15.00	100	Vertical	Pass

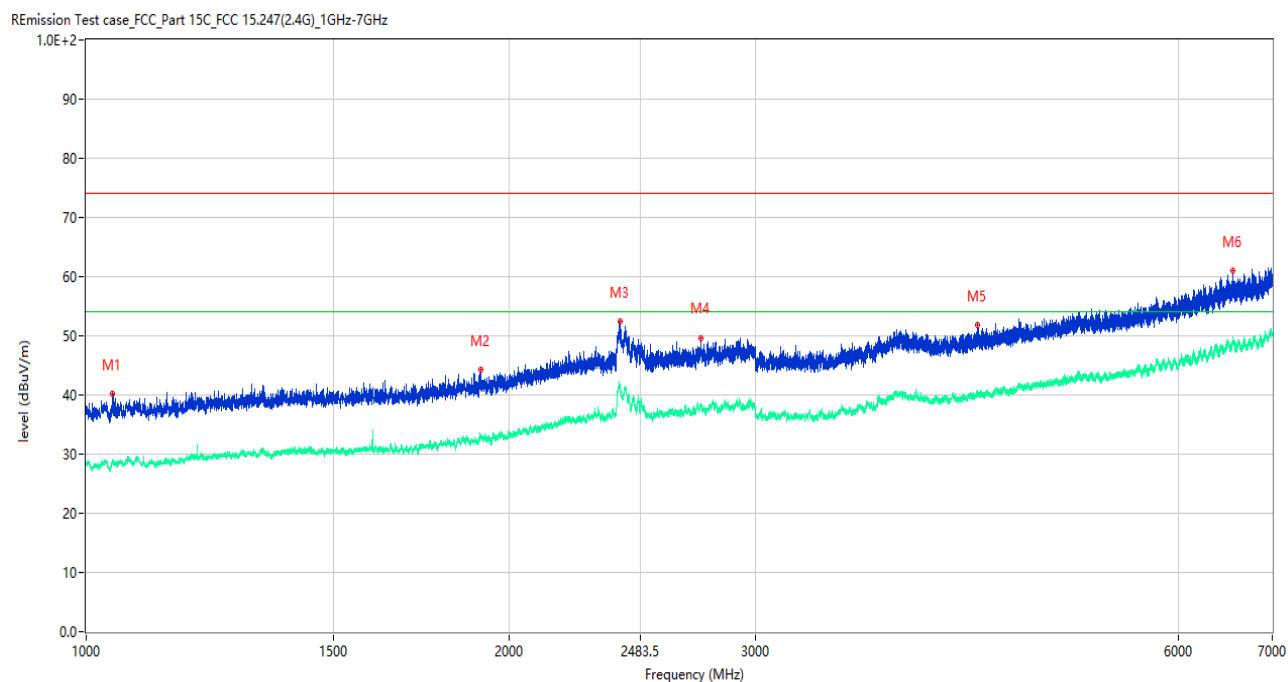
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Figure 43: Spurious Emission, 1GHz – 10th Harmonic, 802.11g, 2462MHz
1GHz-7GHz, Horizontal



Frequency (MHz)	Peak Level (dBUV/m)	Q-peak Level (dBUV/m)	Average Level (dBUV/m)	Factor (dB)	PK Limit (dBUV/m)	QP Limit (dBUV/m)	AV Limit (dBUV/m)	Over Limit (dB)	Table (o)	Height (cm)	ANT	Verdict
1043.995	40.15	--	28.79	-9.54	74.0	--	54.0	-25.21	8.00	100	Horizontal	Pass
1911.886	44.23	--	33.04	-7.14	74.0	--	54.0	-20.96	2.00	100	Horizontal	Pass
2400.325	52.38	--	41.80	2.07	74.0	--	54.0	-12.20	14.00	100	Horizontal	Pass
2741.532	49.66	--	38.24	-0.85	74.0	--	54.0	-15.76	0.00	100	Horizontal	Pass
4313.836	51.83	--	40.74	0.95	74.0	--	54.0	-13.26	15.00	100	Horizontal	Pass
6561.930	61.02	--	49.25	12.50	74.0	--	54.0	-4.75	9.00	100	Horizontal	Pass

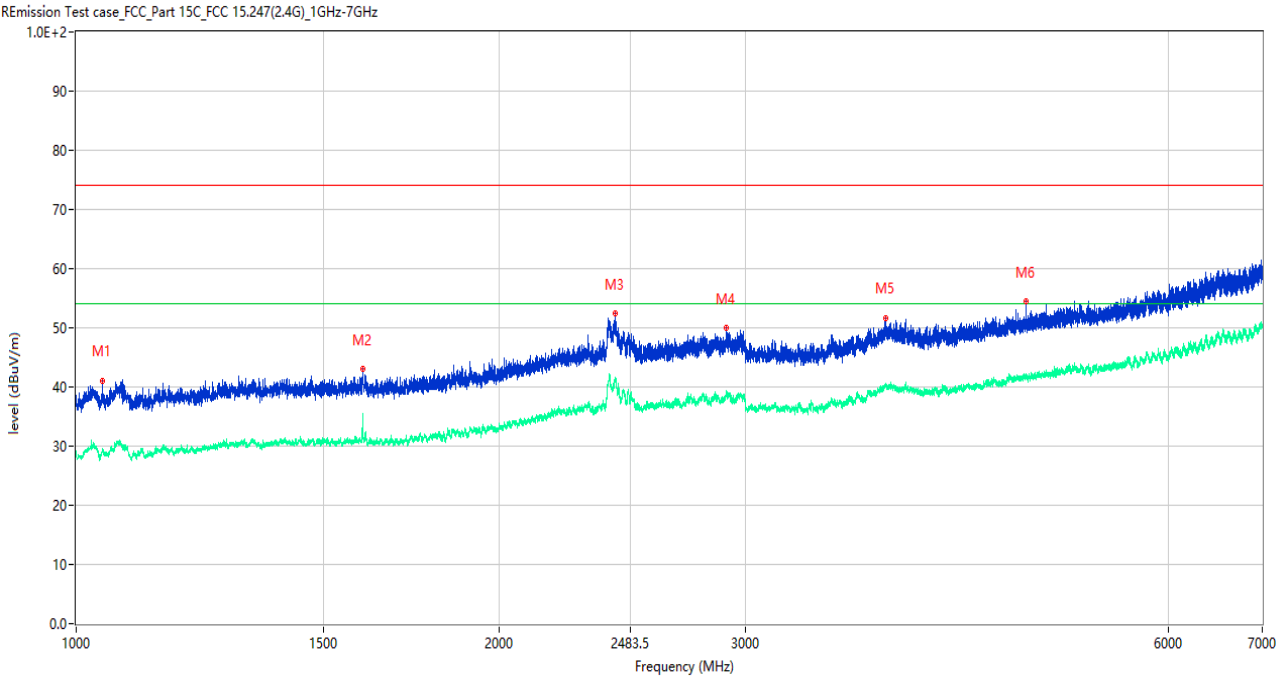
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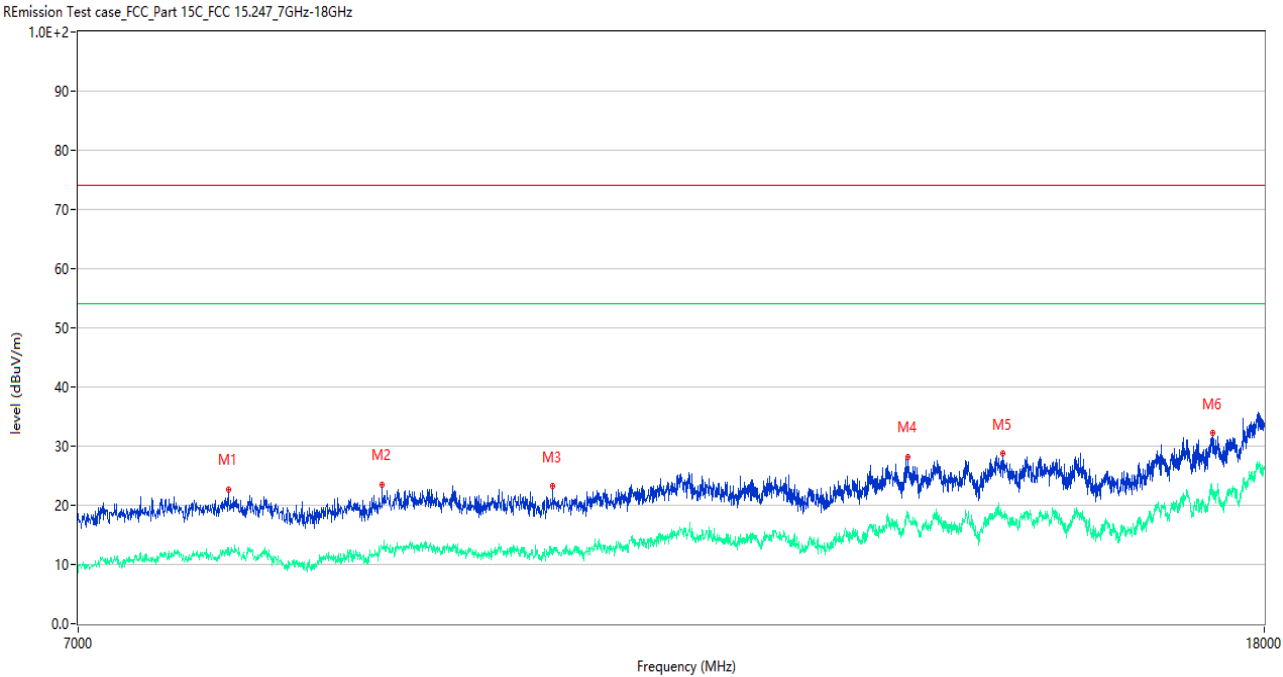
1GHz-7GHz, Vertical



Frequency (MHz)	Peak Level (dBuV/m)	Q-peak Level (dBuV/m)	Average Level (dBuV/m)	Factor (dB)	PK Limit (dBuV/m)	QP Limit (dBuV/m)	AV Limit (dBuV/m)	Over Limit (dB)	Table (o)	Height (cm)	ANT	Verdict
1043.745	41.04	--	29.24	-9.61	74.0	--	54.0	-24.76	5.00	100	Vertical	Pass
1600.175	43.00	--	33.78	-10.36	74.0	--	54.0	-20.22	15.00	100	Vertical	Pass
2422.322	52.41	--	41.16	1.29	74.0	--	54.0	-12.84	2.00	100	Vertical	Pass
2905.762	49.98	--	39.16	-0.62	74.0	--	54.0	-14.84	8.00	100	Vertical	Pass
3773.153	51.70	--	40.27	1.22	74.0	--	54.0	-13.73	9.00	100	Vertical	Pass
4753.656	54.41	--	41.85	2.96	74.0	--	54.0	-12.15	4.00	100	Vertical	Pass

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7GHz-18GHz, Horizontal



Frequency (MHz)	Peak Level (dBuV/m)	Q-peak Level (dBuV/m)	Average Level (dBuV/m)	Factor (dB)	PK Limit (dBuV/m)	QP Limit (dBuV/m)	AV Limit (dBuV/m)	Over Limit (dB)	Table (o)	Height (cm)	ANT	Verdict
7890.777	22.65	--	12.01	-26.33	74.0	--	54.0	-41.99	0.00	100	Horizontal	Pass
8916.271	23.53	--	12.60	-24.72	74.0	--	54.0	-41.40	0.00	100	Horizontal	Pass
10213.947	23.35	--	12.43	-22.66	74.0	--	54.0	-41.57	0.00	100	Horizontal	Pass
13554.361	28.08	--	18.82	-16.04	74.0	--	54.0	-35.18	9.00	100	Horizontal	Pass
14612.847	28.75	--	17.90	-14.53	74.0	--	54.0	-36.10	9.00	100	Horizontal	Pass
17271.432	32.22	--	22.57	-8.85	74.0	--	54.0	-31.43	5.00	100	Horizontal	Pass

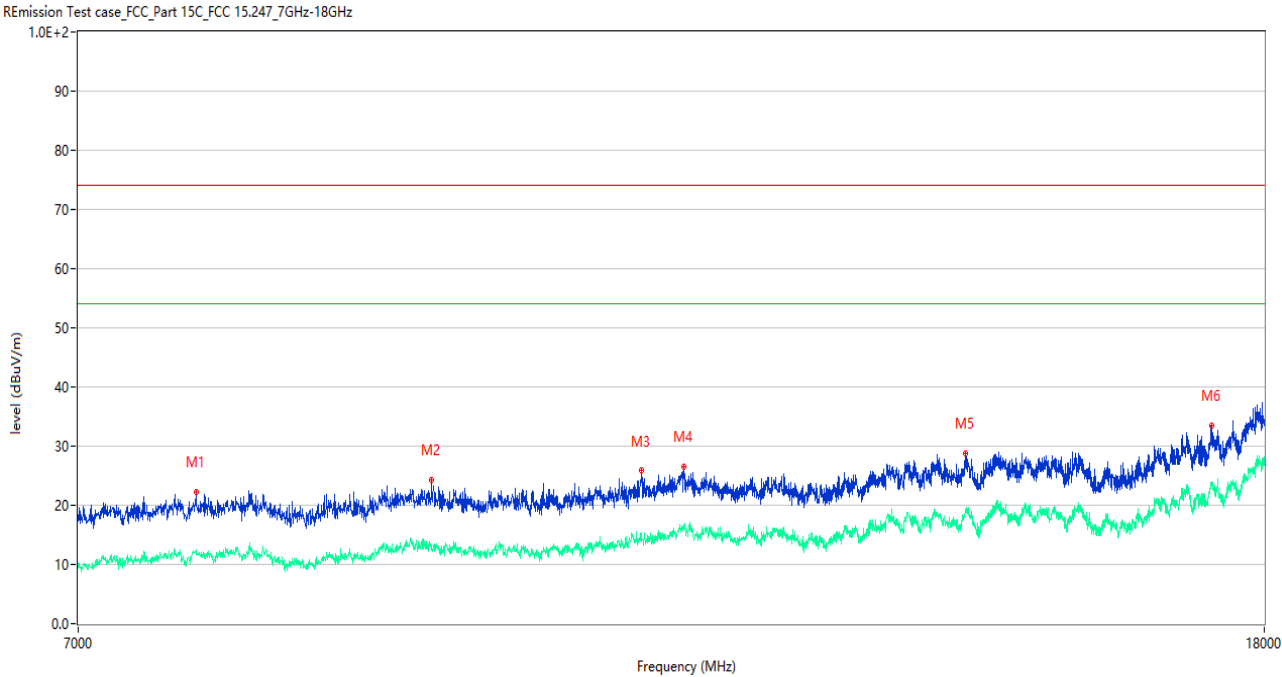
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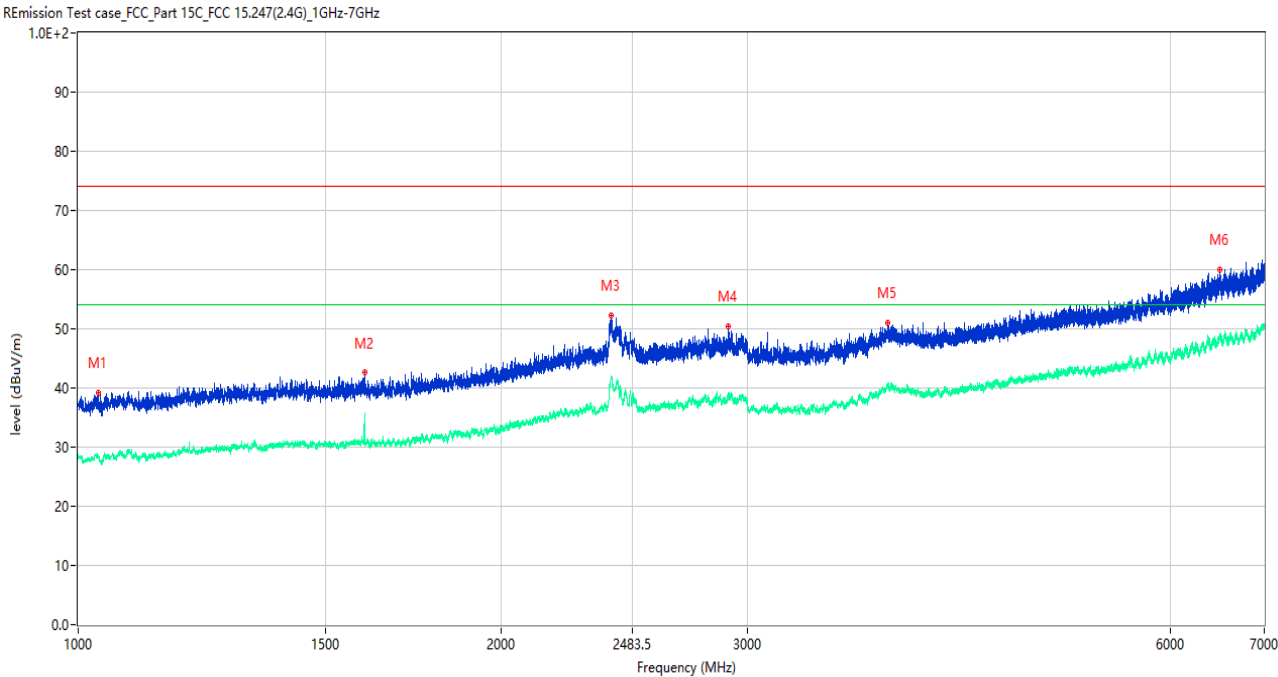
7GHz-18GHz, Vertical



Frequency (MHz)	Peak Level (dBuV/m)	Q-peak Level (dBuV/m)	Average Level (dBuV/m)	Factor (dB)	PK Limit (dBuV/m)	QP Limit (dBuV/m)	AV Limit (dBuV/m)	Over Limit (dB)	Table (o)	Height (cm)	ANT	Verdict
7690.077	22.27	--	12.35	-26.74	74.0	--	54.0	-41.65	1.00	100	Vertical	Pass
9276.431	24.39	--	12.37	-25.09	74.0	--	54.0	-41.63	0.00	100	Vertical	Pass
10964.509	25.91	--	13.81	-19.92	74.0	--	54.0	-40.19	0.00	100	Vertical	Pass
11335.666	26.55	--	16.66	-19.11	74.0	--	54.0	-37.34	0.00	100	Vertical	Pass
14183.954	28.85	--	18.85	-14.62	74.0	--	54.0	-35.15	15.00	100	Vertical	Pass
17257.686	33.49	--	23.96	-9.25	74.0	--	54.0	-30.04	5.00	100	Vertical	Pass

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Figure 44: Spurious Emission, 1GHz – 10th Harmonic, 802.11n(HT20), 2412MHz
1GHz-7GHz, Horizontal



Frequency (MHz)	Peak Level (dBuV/m)	Q-peak Level (dBuV/m)	Average Level (dBuV/m)	Factor (dB)	PK Limit (dBuV/m)	QP Limit (dBuV/m)	AV Limit (dBuV/m)	Over Limit (dB)	Table (o)	Height (cm)	ANT	Verdict
1033.496	39.25	--	28.56	-9.56	74.0	--	54.0	-25.44	3.00	100	Horizontal	Pass
1600.175	42.62	--	33.33	-10.36	74.0	--	54.0	-20.67	4.00	100	Horizontal	Pass
2399.075	52.25	--	42.07	2.12	74.0	--	54.0	-11.93	14.00	100	Horizontal	Pass
2903.262	50.50	--	38.41	-0.91	74.0	--	54.0	-15.59	15.00	100	Horizontal	Pass
3773.528	51.10	--	40.64	1.21	74.0	--	54.0	-13.36	10.00	100	Horizontal	Pass
6512.311	59.95	--	48.91	12.32	74.0	--	54.0	-5.09	2.00	100	Horizontal	Pass

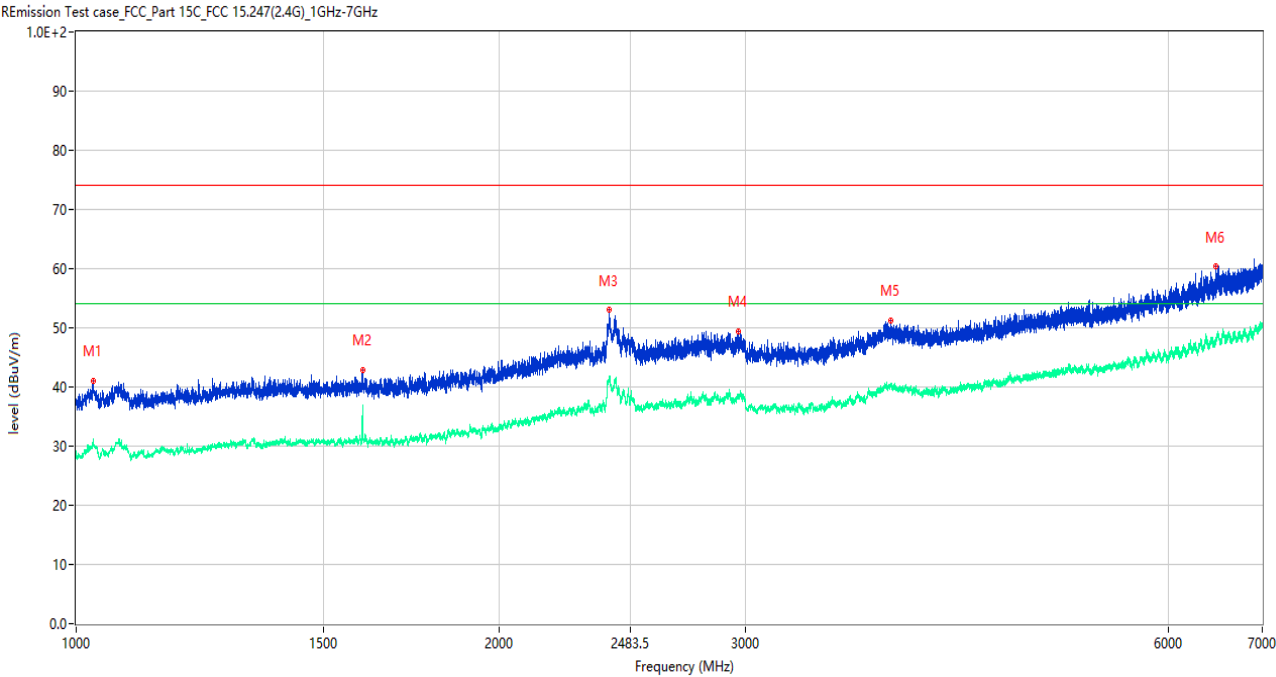
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1GHz-7GHz, Vertical



Frequency (MHz)	Peak Level (dBuV/m)	Q-peak Level (dBuV/m)	Average Level (dBuV/m)	Factor (dB)	PK Limit (dBuV/m)	QP Limit (dBuV/m)	AV Limit (dBuV/m)	Over Limit (dB)	Table (o)	Height (cm)	ANT	Verdict
1027.747	41.04	--	31.24	-9.53	74.0	--	54.0	-22.76	1.00	100	Vertical	Pass
1599.925	42.92	--	36.46	-10.37	74.0	--	54.0	-17.54	4.00	100	Vertical	Pass
2399.325	52.99	--	41.64	2.11	74.0	--	54.0	-12.36	2.00	100	Vertical	Pass
2962.005	49.41	--	38.84	-0.34	74.0	--	54.0	-15.16	15.00	100	Vertical	Pass
3806.524	51.32	--	40.40	1.21	74.0	--	54.0	-13.60	14.00	100	Vertical	Pass
6489.939	60.41	--	48.06	11.27	74.0	--	54.0	-5.94	1.00	100	Vertical	Pass

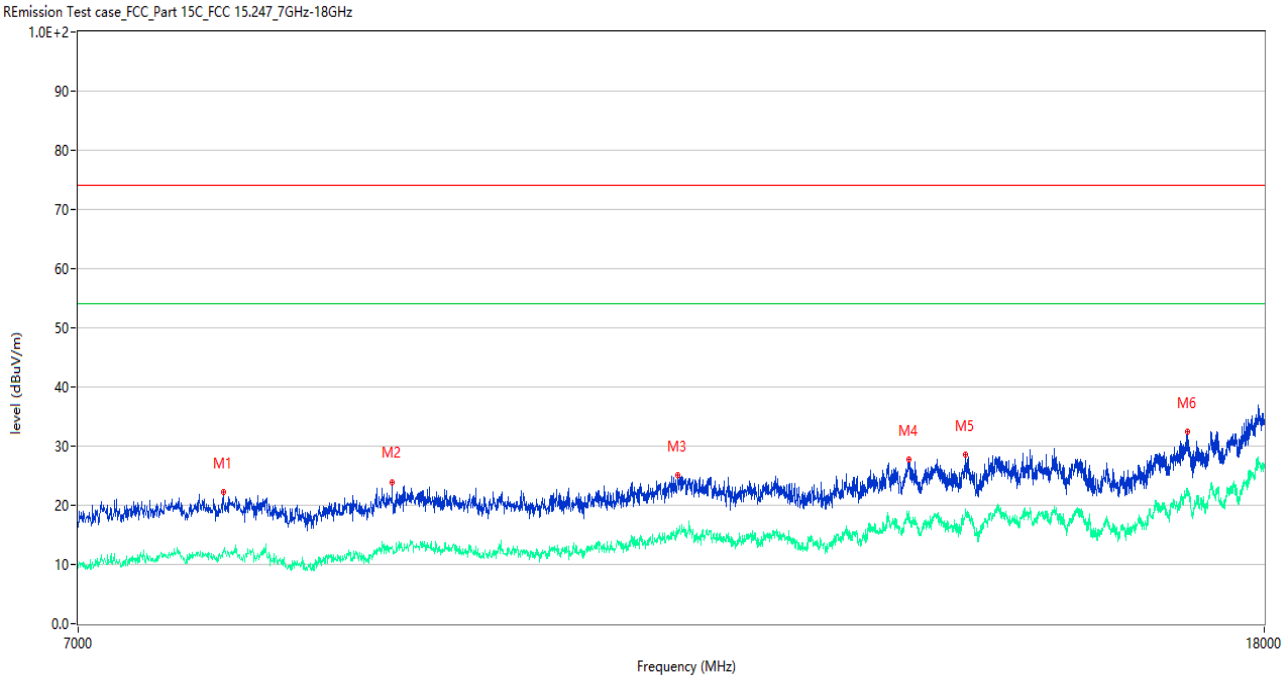
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7GHz-18GHz, Horizontal



Frequency (MHz)	Peak Level (dBuV/m)	Q-peak Level (dBuV/m)	Average Level (dBuV/m)	Factor (dB)	PK Limit (dBuV/m)	QP Limit (dBuV/m)	AV Limit (dBuV/m)	Over Limit (dB)	Table (o)	Height (cm)	ANT	Verdict
7857.786	22.18	--	12.37	-26.64	74.0	--	54.0	-41.63	6.00	100	Horizontal	Pass
8987.753	23.91	--	13.05	-25.20	74.0	--	54.0	-40.95	7.00	100	Horizontal	Pass
11286.178	25.01	--	15.59	-19.58	74.0	--	54.0	-38.41	13.00	100	Horizontal	Pass
13559.860	27.67	--	18.59	-15.94	74.0	--	54.0	-35.41	9.00	100	Horizontal	Pass
14189.453	28.47	--	19.47	-14.55	74.0	--	54.0	-34.53	14.00	100	Horizontal	Pass
16938.765	32.44	--	22.25	-12.02	74.0	--	54.0	-31.75	15.00	100	Horizontal	Pass

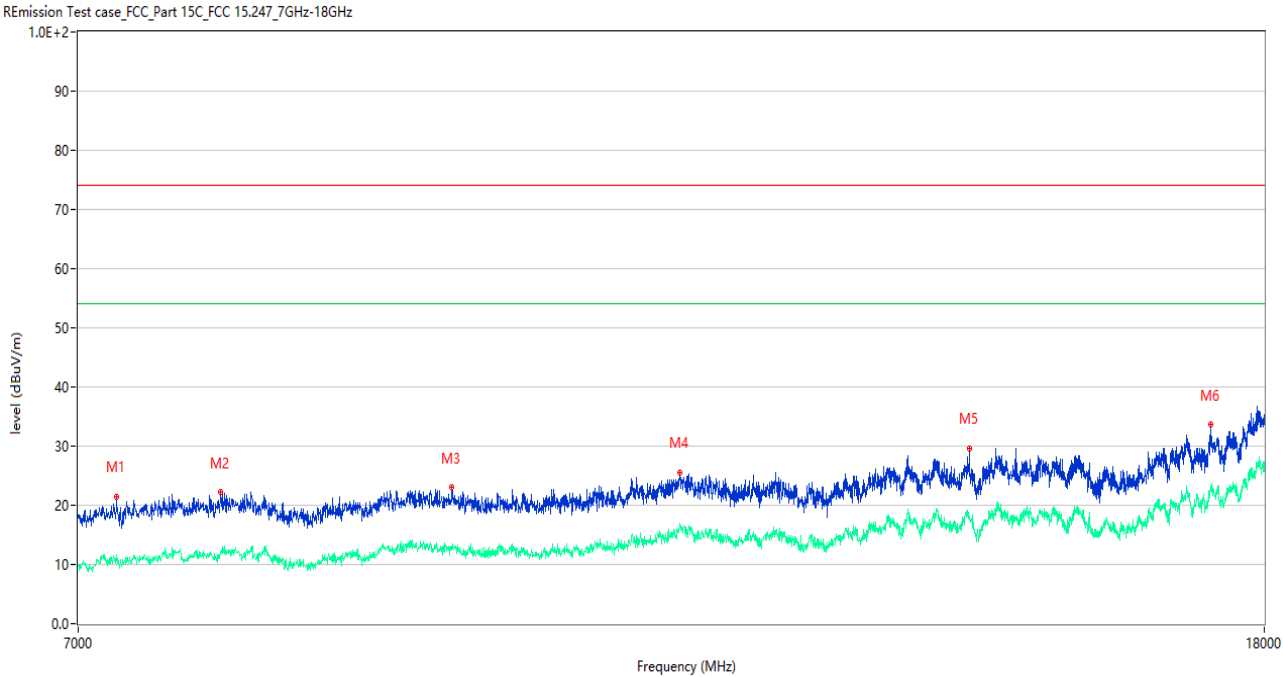
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7GHz-18GHz, Vertical



Frequency (MHz)	Peak Level (dBuV/m)	Q-peak Level (dBuV/m)	Average Level (dBuV/m)	Factor (dB)	PK Limit (dBuV/m)	QP Limit (dBuV/m)	AV Limit (dBuV/m)	Over Limit (dB)	Table (o)	Height (cm)	ANT	Verdict
7217.196	21.39	--	10.63	-26.62	74.0	--	54.0	-43.37	0.00	100	Vertical	Pass
7841.290	22.30	--	12.06	-26.75	74.0	--	54.0	-41.94	11.00	100	Vertical	Pass
9427.643	23.03	--	13.13	-25.30	74.0	--	54.0	-40.87	2.00	100	Vertical	Pass
11305.424	25.57	--	16.47	-19.19	74.0	--	54.0	-37.53	0.00	100	Vertical	Pass
14236.191	29.50	--	18.06	-14.57	74.0	--	54.0	-35.94	14.00	100	Vertical	Pass
17252.187	33.60	--	23.04	-9.59	74.0	--	54.0	-30.96	5.00	100	Vertical	Pass

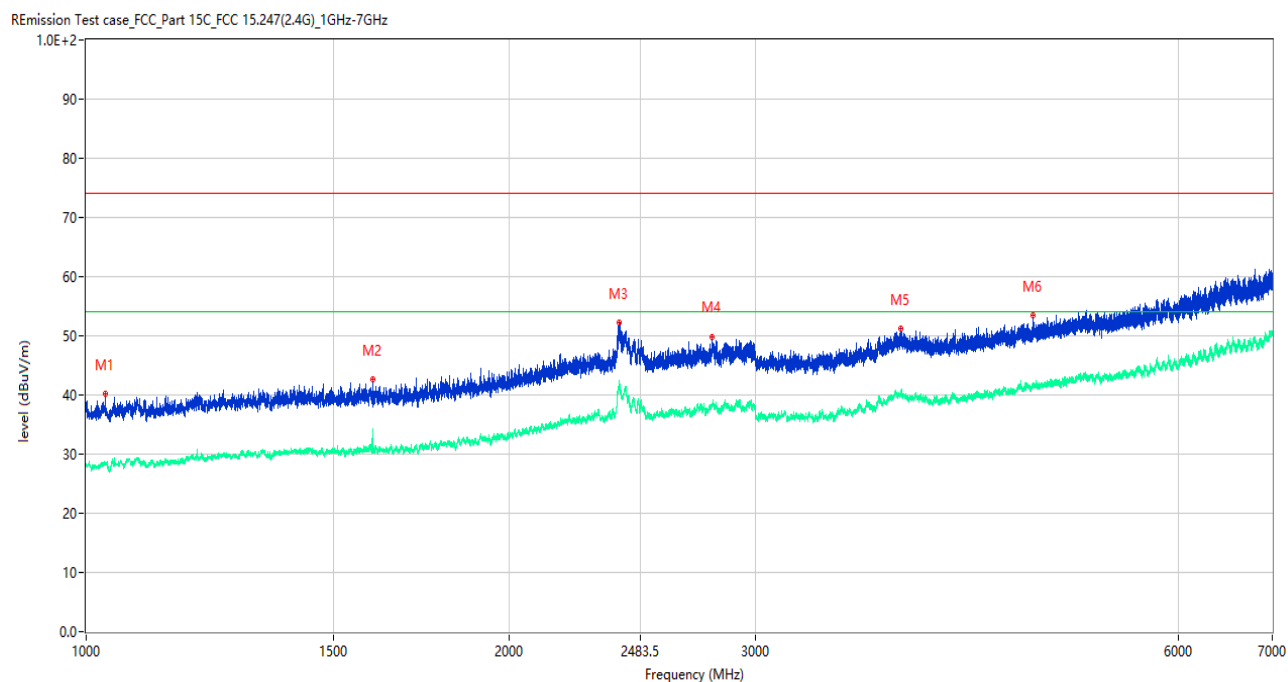
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Figure 45: Spurious Emission, 1GHz – 10th Harmonic, 802.11n(HT20), 2437MHz
1GHz-7GHz, Horizontal



Frequency (MHz)	Peak Level (dBuV/m)	Q-peak Level (dBuV/m)	Average Level (dBuV/m)	Factor (dB)	PK Limit (dBuV/m)	QP Limit (dBuV/m)	AV Limit (dBuV/m)	Over Limit (dB)	Table (o)	Height (cm)	ANT	Verdict
1031.496	40.11	--	28.18	-9.50	74.0	--	54.0	-25.82	0.00	100	Horizontal	Pass
1599.925	42.62	--	34.34	-10.37	74.0	--	54.0	-19.66	11.00	100	Horizontal	Pass
2398.575	52.20	--	42.45	2.14	74.0	--	54.0	-11.55	12.00	100	Horizontal	Pass
2791.776	49.85	--	38.38	-0.49	74.0	--	54.0	-15.62	3.00	100	Horizontal	Pass
3804.649	51.14	--	40.11	1.08	74.0	--	54.0	-13.89	1.00	100	Horizontal	Pass
4726.284	53.45	--	41.49	2.94	74.0	--	54.0	-12.51	2.00	100	Horizontal	Pass

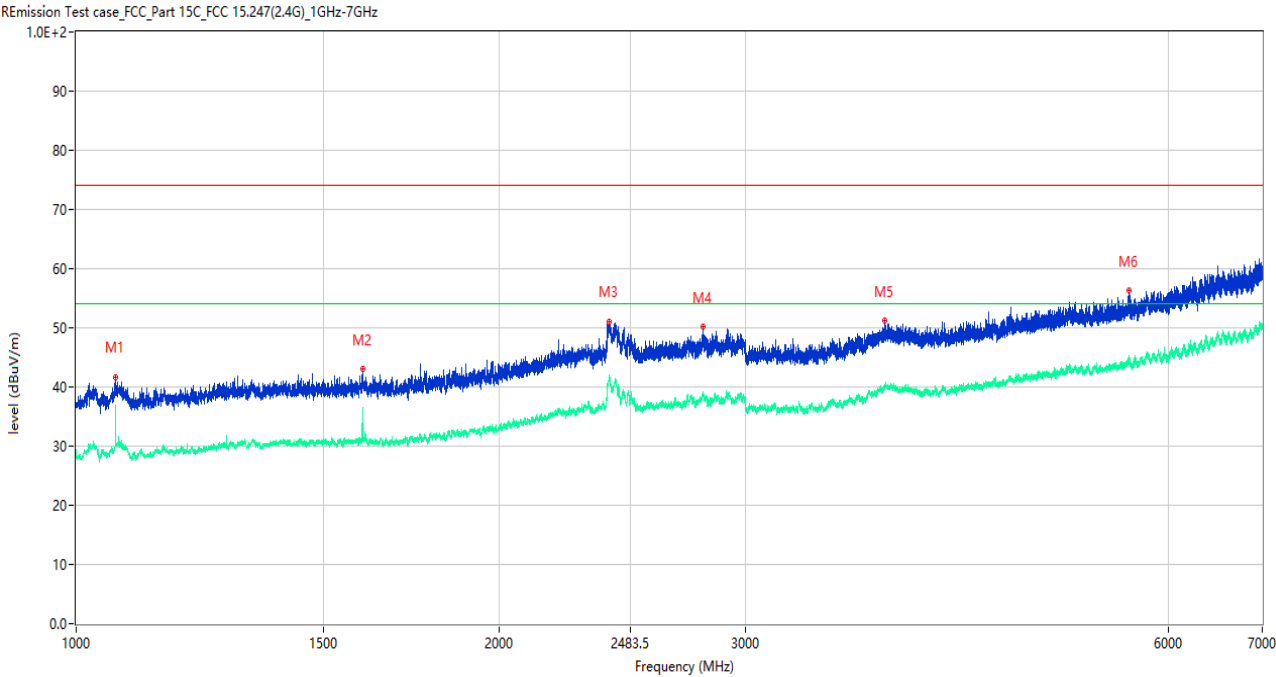
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1GHz-7GHz, Vertical



Frequency (MHz)	Peak Level (dBuV/m)	Q-peak Level (dBuV/m)	Average Level (dBuV/m)	Factor (dB)	PK Limit (dBuV/m)	QP Limit (dBuV/m)	AV Limit (dBuV/m)	Over Limit (dB)	Table (o)	Height (cm)	ANT	Verdict
1066.992	41.68	--	34.61	-10.54	74.0	--	54.0	-19.39	1.00	100	Vertical	Pass
1599.925	42.98	--	36.12	-10.37	74.0	--	54.0	-17.88	15.00	100	Vertical	Pass
2396.075	51.04	--	41.05	2.23	74.0	--	54.0	-12.95	5.00	100	Vertical	Pass
2795.776	50.25	--	38.76	0.07	74.0	--	54.0	-15.24	10.00	100	Vertical	Pass
3770.904	51.12	--	40.09	1.24	74.0	--	54.0	-13.91	0.00	100	Vertical	Pass
5629.171	56.25	--	44.39	5.97	74.0	--	54.0	-9.61	2.00	100	Vertical	Pass

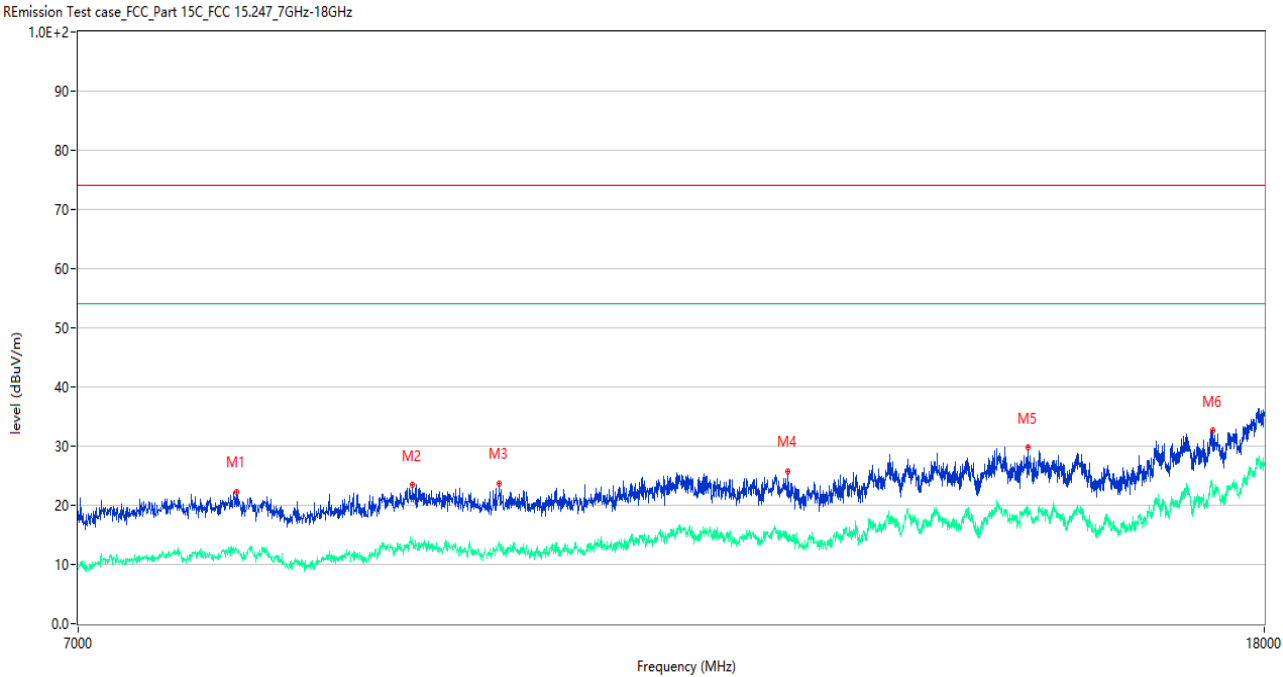
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7GHz-18GHz, Horizontal



Frequency (MHz)	Peak Level (dBuV/m)	Q-peak Level (dBuV/m)	Average Level (dBuV/m)	Factor (dB)	PK Limit (dBuV/m)	QP Limit (dBuV/m)	AV Limit (dBuV/m)	Over Limit (dB)	Table (o)	Height (cm)	ANT	Verdict
7943.014	22.31	--	12.72	-26.40	74.0	--	54.0	-41.28	0.00	100	Horizontal	Pass
9136.216	23.41	--	14.21	-24.76	74.0	--	54.0	-39.79	1.00	100	Horizontal	Pass
9790.552	23.76	--	13.90	-23.68	74.0	--	54.0	-40.10	0.00	100	Horizontal	Pass
12319.920	25.74	--	13.79	-19.82	74.0	--	54.0	-40.21	13.00	100	Horizontal	Pass
14909.773	29.79	--	19.52	-15.24	74.0	--	54.0	-34.48	9.00	100	Horizontal	Pass
17271.432	32.75	--	23.47	-8.85	74.0	--	54.0	-30.53	5.00	100	Horizontal	Pass

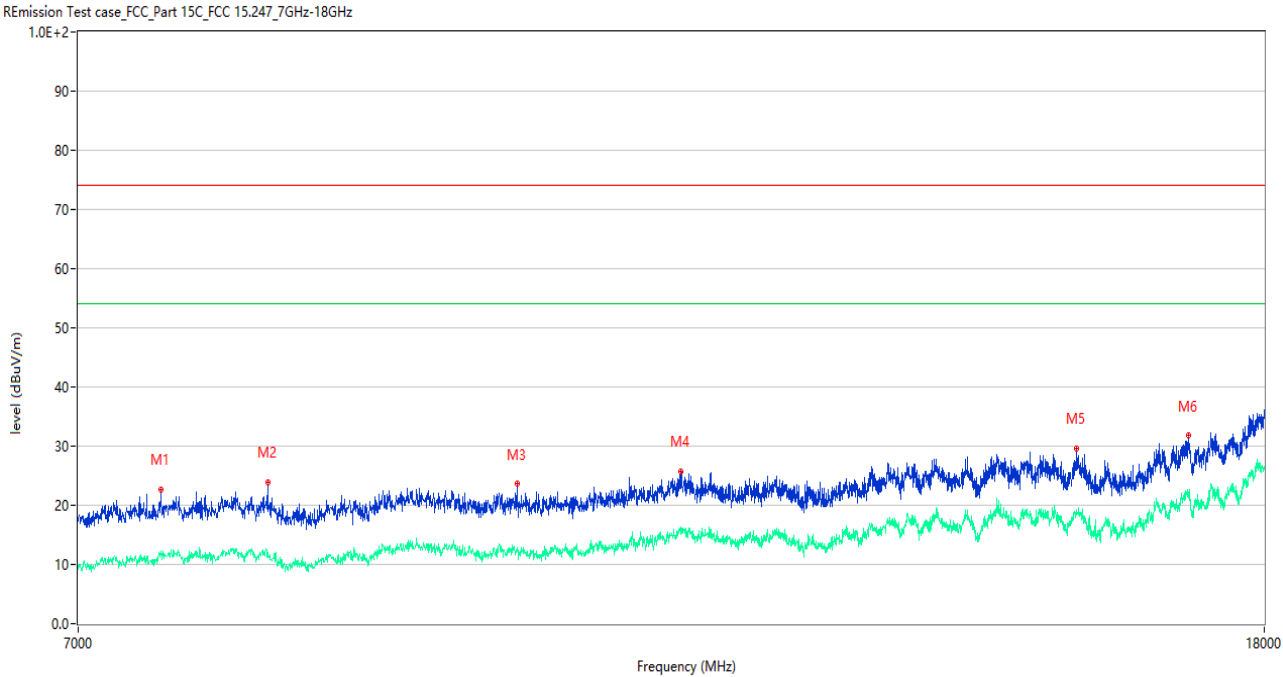
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7GHz-18GHz, Vertical



Frequency (MHz)	Peak Level (dBuV/m)	Q-peak Level (dBuV/m)	Average Level (dBuV/m)	Factor (dB)	PK Limit (dBuV/m)	QP Limit (dBuV/m)	AV Limit (dBuV/m)	Over Limit (dB)	Table (o)	Height (cm)	ANT	Verdict
7475.631	22.70	--	12.26	-26.09	74.0	--	54.0	-41.74	6.00	100	Vertical	Pass
8140.965	23.97	--	12.12	-26.11	74.0	--	54.0	-41.88	6.00	100	Vertical	Pass
9928.018	23.66	--	12.39	-23.65	74.0	--	54.0	-41.61	0.00	100	Vertical	Pass
11308.173	25.76	--	15.81	-19.32	74.0	--	54.0	-38.19	8.00	100	Vertical	Pass
15503.624	29.66	--	19.02	-17.68	74.0	--	54.0	-34.98	15.00	100	Vertical	Pass
16944.264	31.81	--	22.13	-11.77	74.0	--	54.0	-31.87	5.00	100	Vertical	Pass

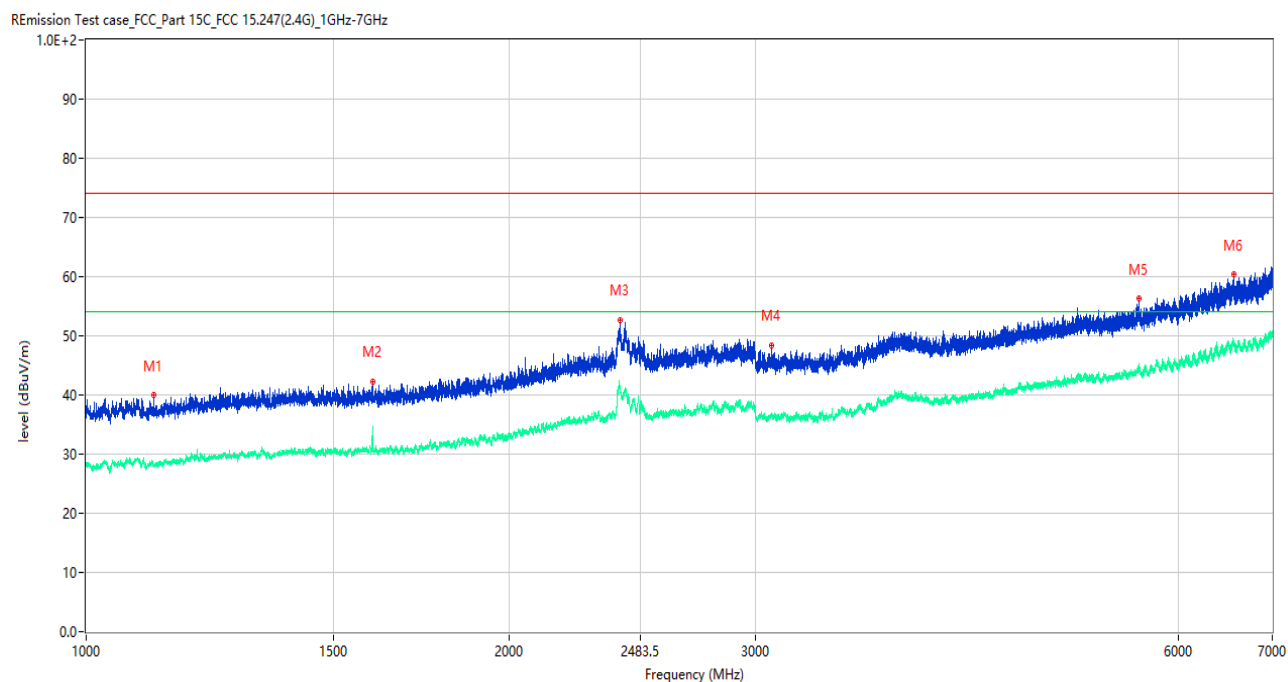
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Figure 46: Spurious Emission, 1GHz – 10th Harmonic, 802.11n(HT20), 2462MHz
1GHz-7GHz, Horizontal



Frequency (MHz)	Peak Level (dBuV/m)	Q-peak Level (dBuV/m)	Average Level (dBuV/m)	Factor (dB)	PK Limit (dBuV/m)	QP Limit (dBuV/m)	AV Limit (dBuV/m)	Over Limit (dB)	Table (o)	Height (cm)	ANT	Verdict
1116.985	39.90	--	28.26	-10.56	74.0	--	54.0	-25.74	1.00	100	Horizontal	Pass
1599.675	42.30	--	34.09	-10.38	74.0	--	54.0	-19.91	6.00	100	Horizontal	Pass
2402.075	52.75	--	40.92	2.01	74.0	--	54.0	-13.08	2.00	100	Horizontal	Pass
3080.990	48.44	--	36.73	-2.37	74.0	--	54.0	-17.27	11.00	100	Horizontal	Pass
5622.422	56.26	--	44.56	6.56	74.0	--	54.0	-9.44	15.00	100	Horizontal	Pass
6574.678	60.33	--	48.47	11.95	74.0	--	54.0	-5.53	2.00	100	Horizontal	Pass

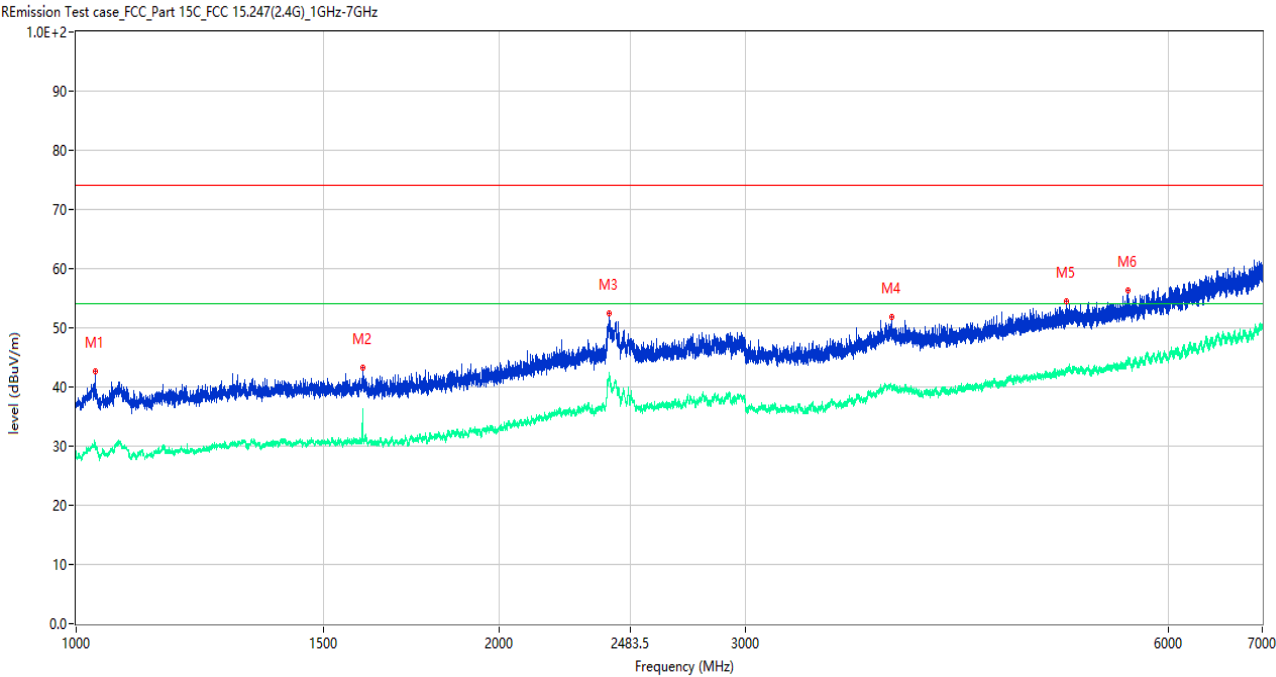
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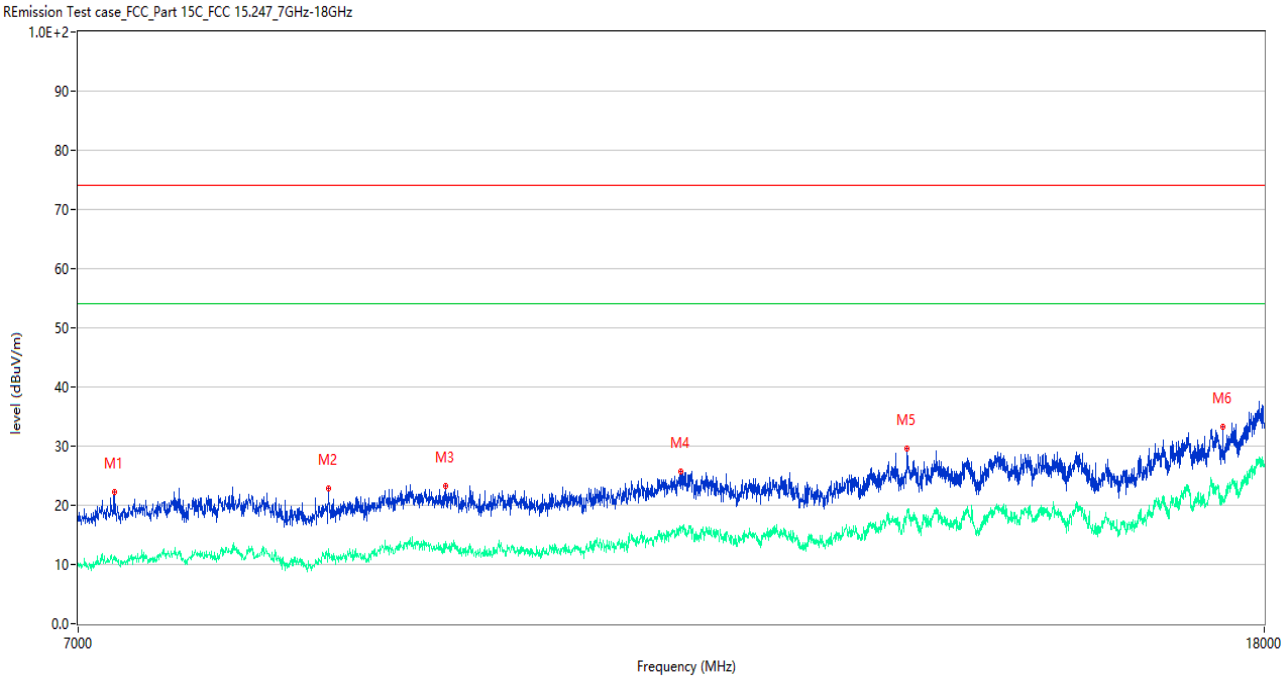
1GHz-7GHz, Vertical



Frequency (MHz)	Peak Level (dBuV/m)	Q-peak Level (dBuV/m)	Average Level (dBuV/m)	Factor (dB)	PK Limit (dBuV/m)	QP Limit (dBuV/m)	AV Limit (dBuV/m)	Over Limit (dB)	Table (o)	Height (cm)	ANT	Verdict
1032.246	42.56	--	29.80	-9.52	74.0	--	54.0	-24.20	6.00	100	Vertical	Pass
1600.175	43.17	--	36.33	-10.36	74.0	--	54.0	-17.67	4.00	100	Vertical	Pass
2397.825	52.37	--	41.62	2.17	74.0	--	54.0	-12.38	12.00	100	Vertical	Pass
3809.899	51.83	--	40.04	0.89	74.0	--	54.0	-13.96	3.00	100	Vertical	Pass
5076.490	54.46	--	43.13	4.81	74.0	--	54.0	-10.87	8.00	100	Vertical	Pass
5619.423	56.31	--	45.12	6.79	74.0	--	54.0	-8.88	15.00	100	Vertical	Pass

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7GHz-18GHz, Horizontal



Frequency (MHz)	Peak Level (dBuV/m)	Q-peak Level (dBuV/m)	Average Level (dBuV/m)	Factor (dB)	PK Limit (dBuV/m)	QP Limit (dBuV/m)	AV Limit (dBuV/m)	Over Limit (dB)	Table (o)	Height (cm)	ANT	Verdict
7206.198	22.19	--	11.44	-26.64	74.0	--	54.0	-42.56	15.00	100	Horizontal	Pass
8542.364	22.89	--	12.68	-25.58	74.0	--	54.0	-41.32	7.00	100	Horizontal	Pass
9378.155	23.19	--	13.84	-24.37	74.0	--	54.0	-40.16	12.00	100	Horizontal	Pass
11313.672	25.80	--	16.26	-19.30	74.0	--	54.0	-37.74	8.00	100	Horizontal	Pass
13546.113	29.51	--	18.75	-16.25	74.0	--	54.0	-35.25	9.00	100	Horizontal	Pass
17414.396	33.20	--	21.44	-10.33	74.0	--	54.0	-32.56	15.00	100	Horizontal	Pass

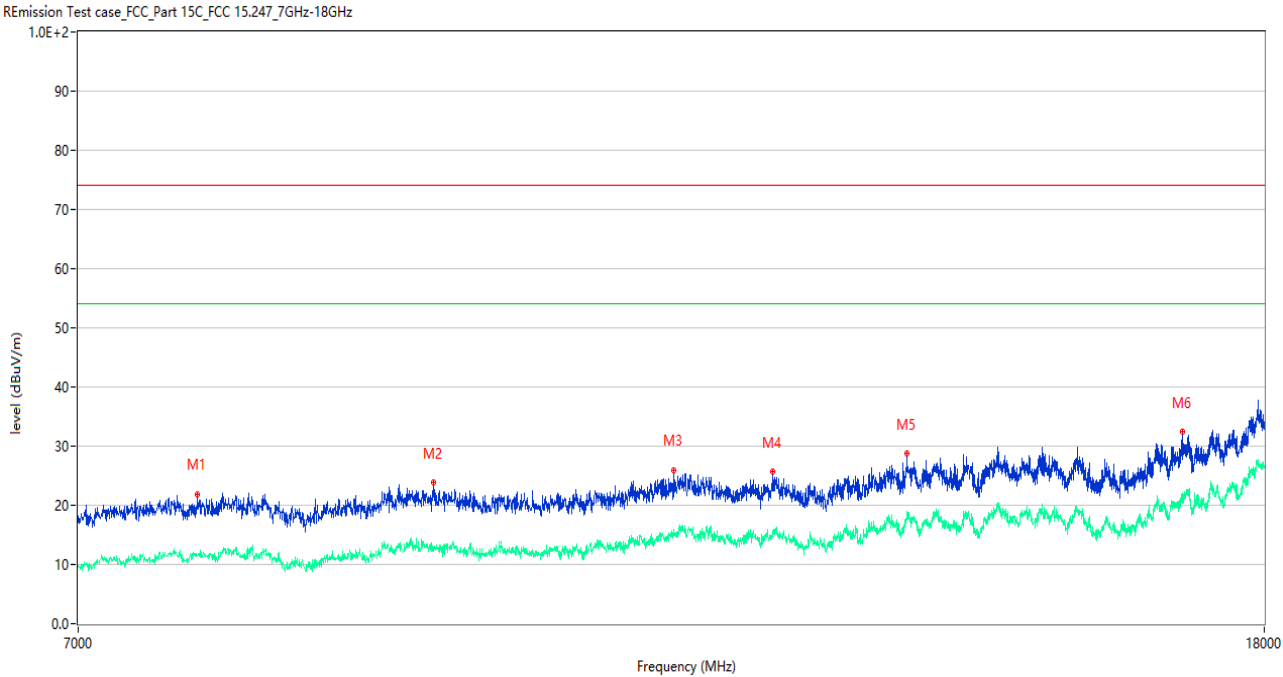
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7GHz-18GHz, Vertical



Frequency (MHz)	Peak Level (dBuV/m)	Q-peak Level (dBuV/m)	Average Level (dBuV/m)	Factor (dB)	PK Limit (dBuV/m)	QP Limit (dBuV/m)	AV Limit (dBuV/m)	Over Limit (dB)	Table (o)	Height (cm)	ANT	Verdict
7698.325	21.87	--	11.62	-26.61	74.0	--	54.0	-42.38	6.00	100	Vertical	Pass
9290.177	23.86	--	12.62	-24.94	74.0	--	54.0	-41.38	0.00	100	Vertical	Pass
11250.437	25.95	--	16.02	-19.53	74.0	--	54.0	-37.98	8.00	100	Vertical	Pass
12174.206	25.62	--	15.49	-19.75	74.0	--	54.0	-38.51	14.00	100	Vertical	Pass
13540.615	28.72	--	18.96	-16.19	74.0	--	54.0	-35.04	4.00	100	Vertical	Pass
16859.035	32.36	--	22.03	-13.07	74.0	--	54.0	-31.97	15.00	100	Vertical	Pass

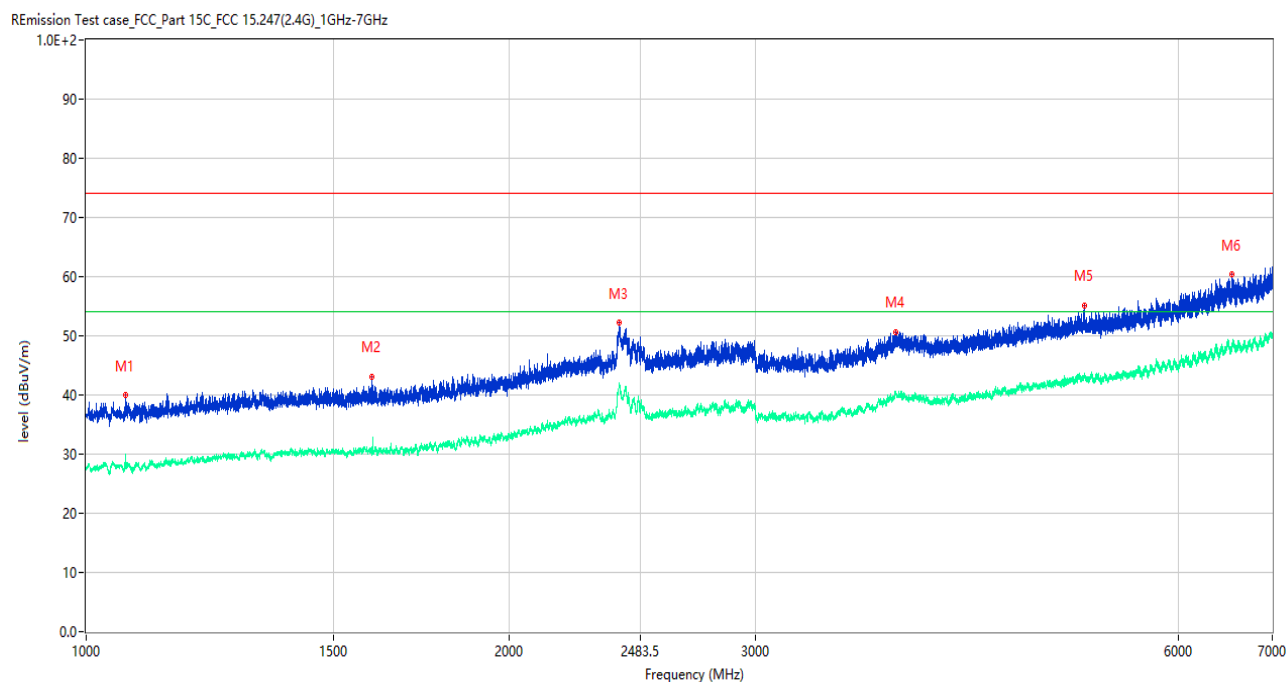
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Figure 47: Spurious Emission, 1GHz – 10th Harmonic, 802.11n(HT40), 2422MHz
1GHz-7GHz, Horizontal



Frequency (MHz)	Peak Level (dBuV/m)	Q-peak Level (dBuV/m)	Average Level (dBuV/m)	Factor (dB)	PK Limit (dBuV/m)	QP Limit (dBuV/m)	AV Limit (dBuV/m)	Over Limit (dB)	Table (o)	Height (cm)	ANT	Verdict
1066.242	39.93	--	28.26	-10.68	74.0	--	54.0	-25.74	1.00	100	Horizontal	Pass
1599.175	43.08	--	31.09	-10.40	74.0	--	54.0	-22.91	4.00	100	Horizontal	Pass
2398.825	52.15	--	41.79	2.13	74.0	--	54.0	-12.21	10.00	100	Horizontal	Pass
3774.278	50.61	--	40.59	1.19	74.0	--	54.0	-13.41	15.00	100	Horizontal	Pass
5143.232	55.19	--	43.11	4.90	74.0	--	54.0	-10.89	10.00	100	Horizontal	Pass
6555.681	60.36	--	48.25	11.72	74.0	--	54.0	-5.75	2.00	100	Horizontal	Pass

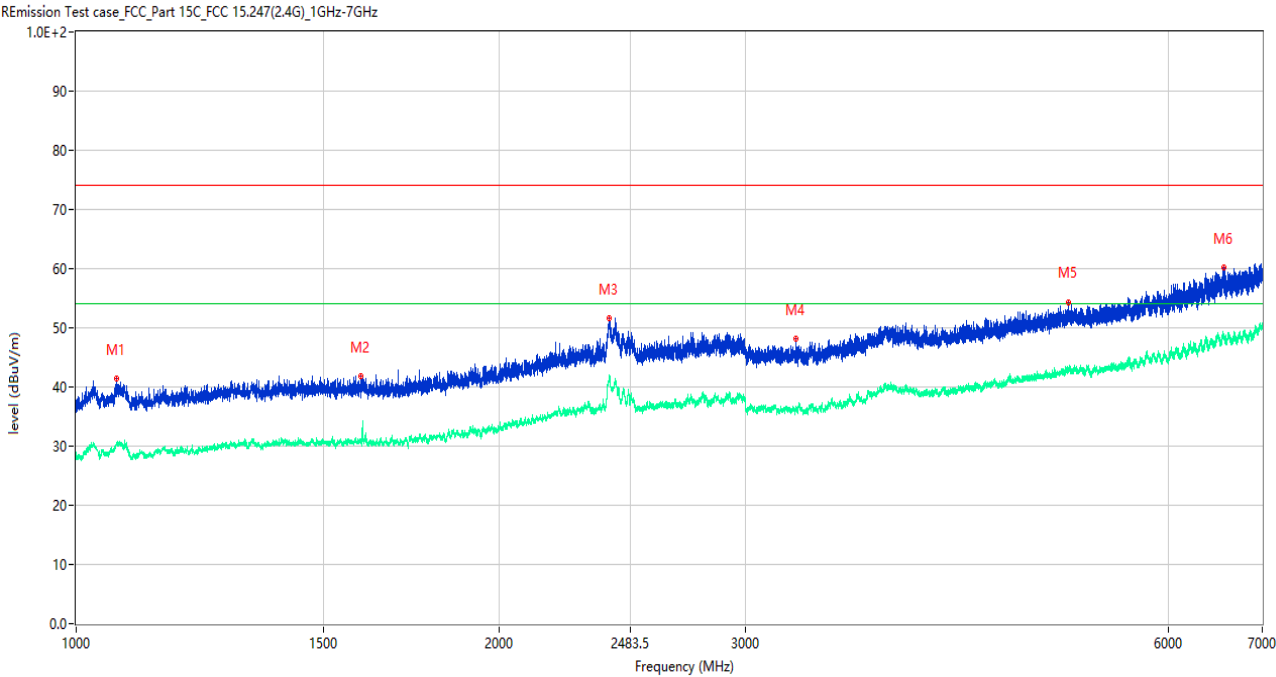
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1GHz-7GHz, Vertical



Frequency (MHz)	Peak Level (dBuV/m)	Q-peak Level (dBuV/m)	Average Level (dBuV/m)	Factor (dB)	PK Limit (dBuV/m)	QP Limit (dBuV/m)	AV Limit (dBuV/m)	Over Limit (dB)	Table (o)	Height (cm)	ANT	Verdict
1068.991	41.33	--	30.52	-10.19	74.0	--	54.0	-23.48	0.00	100	Vertical	Pass
1595.926	41.74	--	30.50	-10.10	74.0	--	54.0	-23.50	0.00	100	Vertical	Pass
2397.075	51.57	--	41.39	2.19	74.0	--	54.0	-12.61	5.00	100	Vertical	Pass
3256.468	48.06	--	36.18	-2.43	74.0	--	54.0	-17.82	13.00	100	Vertical	Pass
5094.113	54.36	--	42.94	4.96	74.0	--	54.0	-11.06	15.00	100	Vertical	Pass
6573.303	60.11	--	48.94	11.99	74.0	--	54.0	-5.06	6.00	100	Vertical	Pass

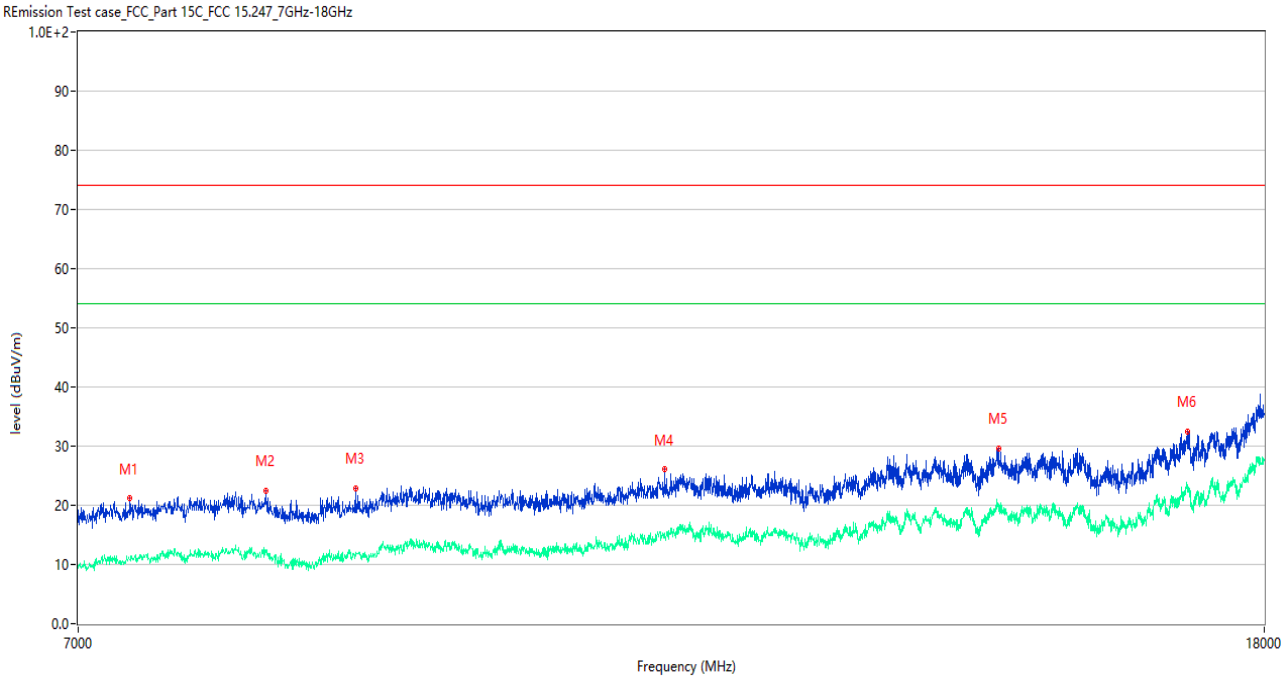
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7GHz-18GHz, Horizontal



Frequency (MHz)	Peak Level (dBuV/m)	Q-peak Level (dBuV/m)	Average Level (dBuV/m)	Factor (dB)	PK Limit (dBuV/m)	QP Limit (dBuV/m)	AV Limit (dBuV/m)	Over Limit (dB)	Table (o)	Height (cm)	ANT	Verdict
7294.176	21.17	--	10.90	-26.99	74.0	--	54.0	-43.10	11.00	100	Horizontal	Pass
8127.218	22.54	--	12.39	-25.06	74.0	--	54.0	-41.61	0.00	100	Horizontal	Pass
8729.318	22.77	--	12.00	-25.35	74.0	--	54.0	-42.00	12.00	100	Horizontal	Pass
11167.958	26.11	--	14.92	-20.93	74.0	--	54.0	-39.08	13.00	100	Horizontal	Pass
14571.607	29.63	--	20.11	-14.23	74.0	--	54.0	-33.89	14.00	100	Horizontal	Pass
16930.517	32.52	--	23.57	-12.00	74.0	--	54.0	-30.43	5.00	100	Horizontal	Pass

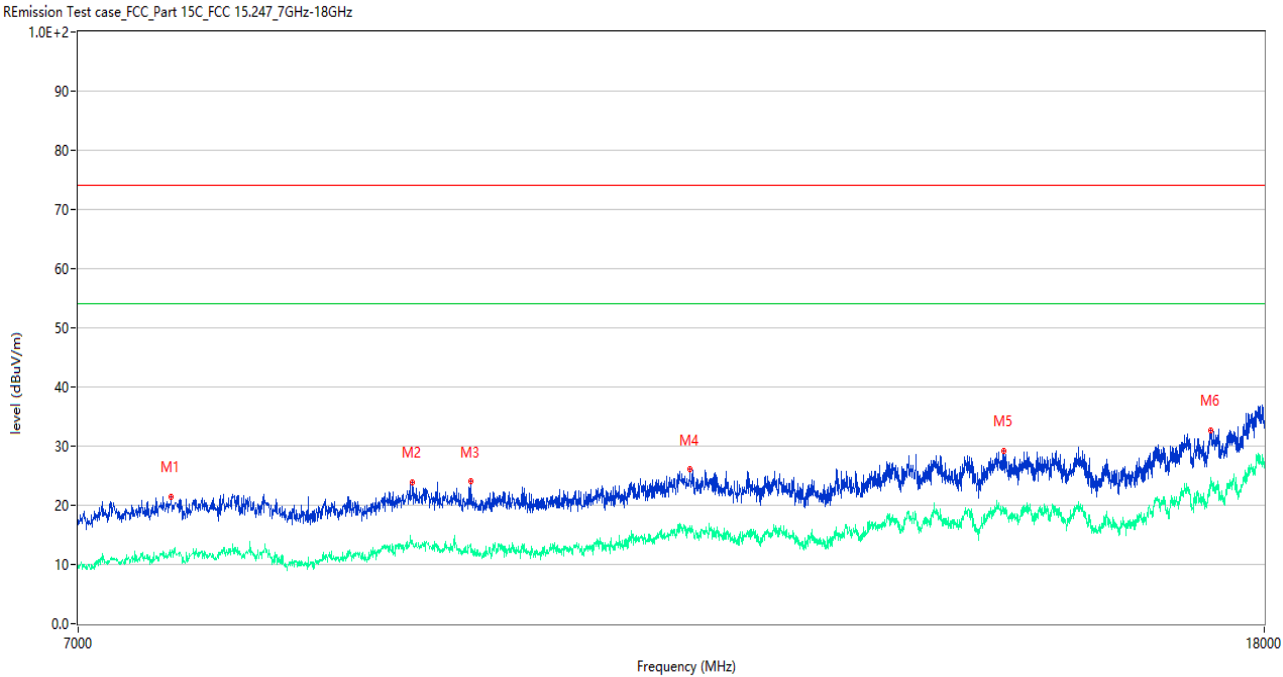
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7GHz-18GHz, Vertical



Frequency (MHz)	Peak Level (dBuV/m)	Q-peak Level (dBuV/m)	Average Level (dBuV/m)	Factor (dB)	PK Limit (dBuV/m)	QP Limit (dBuV/m)	AV Limit (dBuV/m)	Over Limit (dB)	Table (o)	Height (cm)	ANT	Verdict
7538.865	21.49	--	11.96	-26.15	74.0	--	54.0	-42.04	0.00	100	Vertical	Pass
9136.216	23.93	--	14.02	-24.76	74.0	--	54.0	-39.98	12.00	100	Vertical	Pass
9567.858	24.04	--	13.50	-25.09	74.0	--	54.0	-40.50	12.00	100	Vertical	Pass
11393.402	26.12	--	16.23	-19.06	74.0	--	54.0	-37.77	0.00	100	Vertical	Pass
14626.593	29.20	--	19.50	-14.38	74.0	--	54.0	-34.50	9.00	100	Vertical	Pass
17243.939	32.70	--	22.92	-10.05	74.0	--	54.0	-31.08	15.00	100	Vertical	Pass

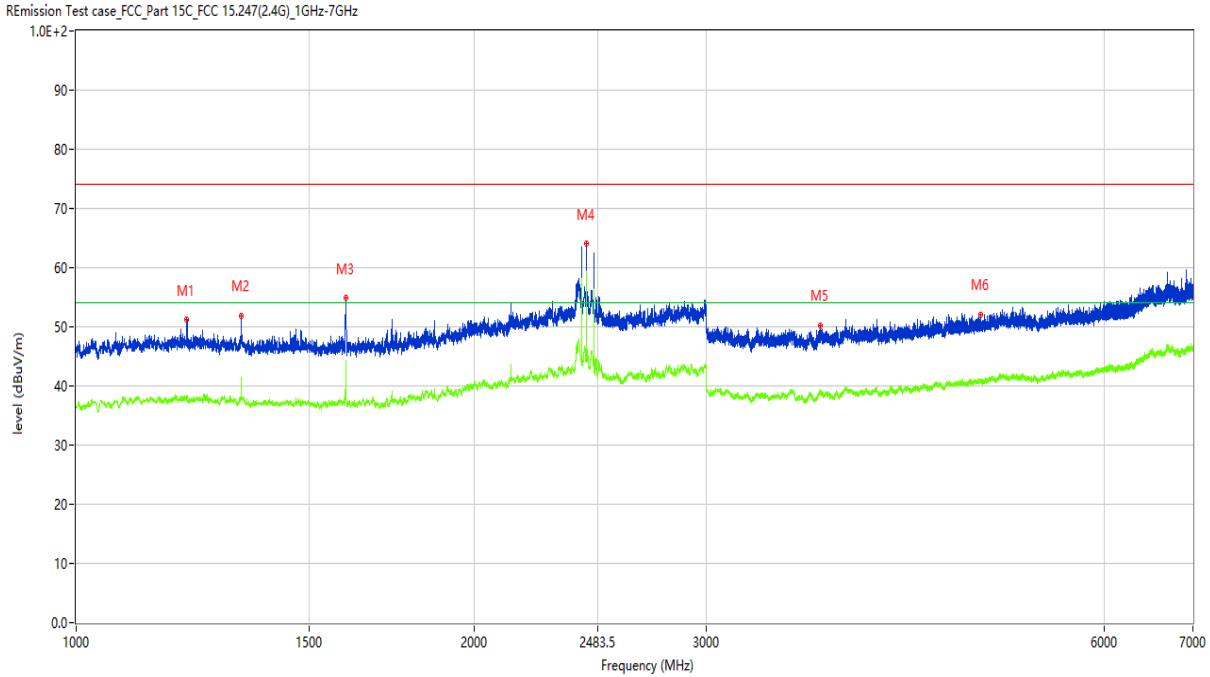
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Figure 48: Spurious Emission, 1GHz – 10th Harmonic, 802.11n(HT40), 2437MHz
1GHz-7GHz, Horizontal



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1212.973	51.14	-4.52	74.0	-22.86	Peak	241.70	150	Horizontal	Pass
1**	1212.973	38.30	-4.52	54.0	-15.70	AV	241.70	150	Horizontal	Pass
2	1333.208	51.92	-4.40	74.0	-22.08	Peak	149.20	150	Horizontal	Pass
2**	1333.208	41.40	-4.40	54.0	-12.60	AV	149.20	150	Horizontal	Pass
3	1600.425	54.86	-5.86	74.0	-19.14	Peak	214.10	150	Horizontal	Pass
3**	1600.425	41.96	-5.86	54.0	-12.04	AV	214.10	150	Horizontal	Pass
4	2432.071	64.06	4.12	74.0	-9.94	Peak	80.00	150	Horizontal	Pass
4**	2432.071	59.39	4.12	54.0	5.39	AV	80.00	150	Horizontal	N/A
5	3654.668	50.29	-0.83	74.0	-23.71	Peak	287.10	150	Horizontal	Pass
5**	3654.668	38.81	-0.83	54.0	-15.19	AV	287.10	150	Horizontal	Pass
6	4835.771	52.13	1.13	74.0	-21.87	Peak	51.90	150	Horizontal	Pass
6**	4835.771	40.80	1.13	54.0	-13.20	AV	51.90	150	Horizontal	Pass

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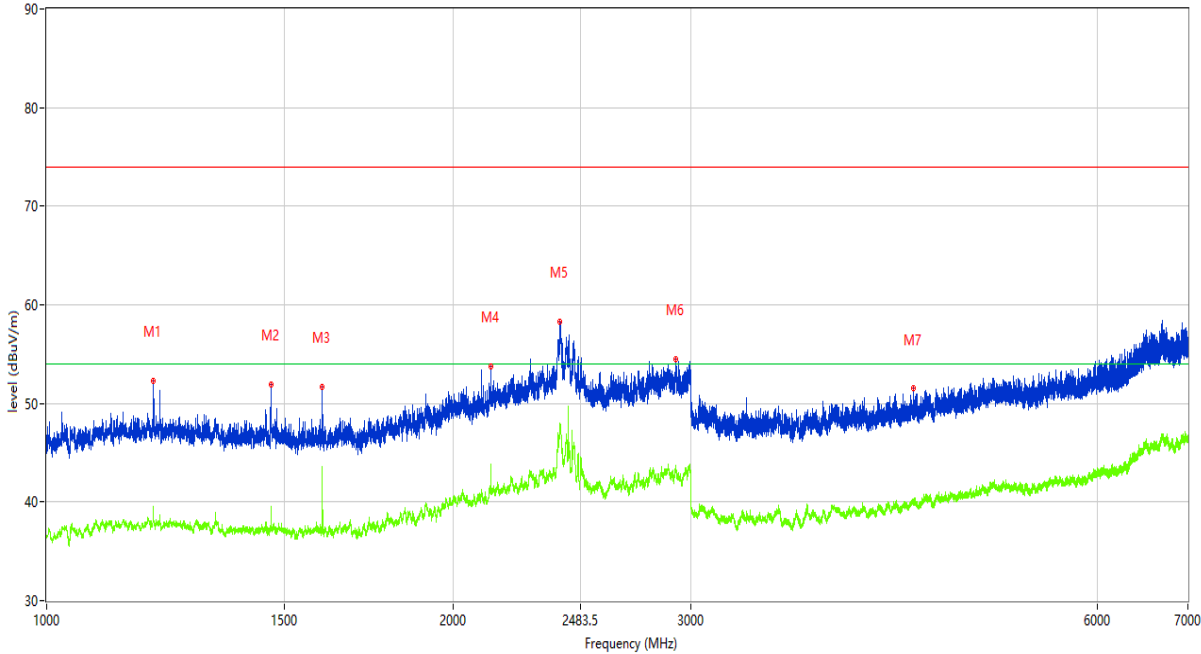
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1GHz-7GHz, Vertical

REmission Test case_FCC_Part 15C_FCC 15.247(2.4G)_1GHz-7GHz



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No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1199.975	52.32	-4.35	74.0	-21.68	Peak	2.50	150	Vertical	Pass
1**	1199.975	39.57	-4.35	54.0	-14.43	AV	2.50	150	Vertical	Pass
2	1466.942	51.91	-5.20	74.0	-22.09	Peak	157.80	150	Vertical	Pass
2**	1466.942	39.49	-5.20	54.0	-14.51	AV	157.80	150	Vertical	Pass
3	1600.175	51.69	-5.87	74.0	-22.31	Peak	359.50	150	Vertical	Pass
3**	1600.175	42.33	-5.87	54.0	-11.67	AV	359.50	150	Vertical	Pass
4	2133.358	53.76	-1.24	74.0	-20.24	Peak	153.40	150	Vertical	Pass
4**	2133.358	43.84	-1.24	54.0	-10.16	AV	153.40	150	Vertical	Pass
5	2399.075	58.32	5.41	74.0	-15.68	Peak	334.30	150	Vertical	Pass
5**	2399.075	47.91	5.41	54.0	-6.09	AV	334.30	150	Vertical	Pass
6	2924.009	54.51	2.52	74.0	-19.49	Peak	2.50	150	Vertical	Pass
6**	2924.009	43.27	2.52	54.0	-10.73	AV	2.50	150	Vertical	Pass
7	4382.452	51.49	0.29	74.0	-22.51	Peak	178.50	150	Vertical	Pass
7**	4382.452	39.97	0.29	54.0	-14.03	AV	178.50	150	Vertical	Pass

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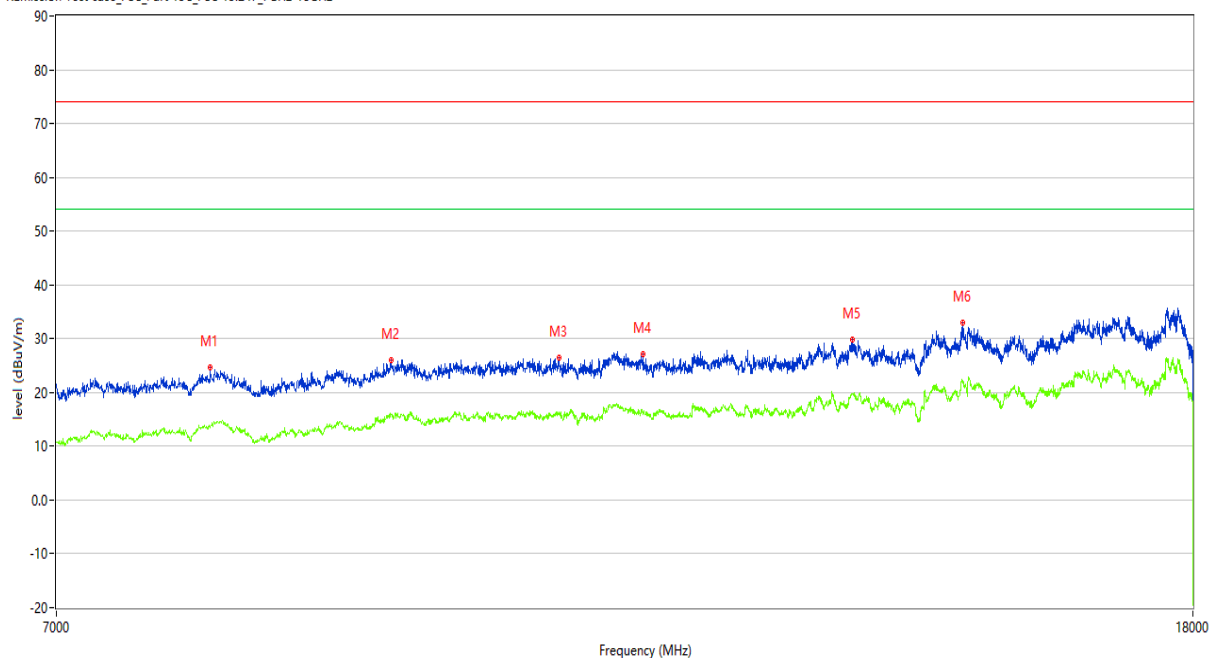
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7GHz-18GHz, Horizontal

REmission Test case_FCC_Part 15C_FCC 15.247_7GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	7954.011	24.67	-28.24	74.0	-49.33	Peak	133.30	150	Horizontal	Pass
1**	7954.011	13.67	-28.24	54.0	-40.33	AV	133.30	150	Horizontal	Pass
2	9243.439	25.92	-24.41	74.0	-48.08	Peak	34.00	150	Horizontal	Pass
2**	9243.439	15.88	-24.41	54.0	-38.12	AV	34.00	150	Horizontal	Pass
3	10626.343	26.43	-22.95	74.0	-47.57	Peak	183.50	150	Horizontal	Pass
3**	10626.343	16.30	-22.95	54.0	-37.70	AV	183.50	150	Horizontal	Pass
4	11398.900	27.16	-22.56	74.0	-46.84	Peak	110.60	150	Horizontal	Pass
4**	11398.900	16.31	-22.56	54.0	-37.69	AV	110.60	150	Horizontal	Pass
5	13568.108	29.84	-18.68	74.0	-44.16	Peak	61.10	150	Horizontal	Pass
5**	13568.108	19.66	-18.68	54.0	-34.34	AV	61.10	150	Horizontal	Pass
6	14863.034	33.00	-15.04	74.0	-41.00	Peak	119.90	150	Horizontal	Pass
6**	14863.034	21.74	-15.04	54.0	-32.26	AV	119.90	150	Horizontal	Pass

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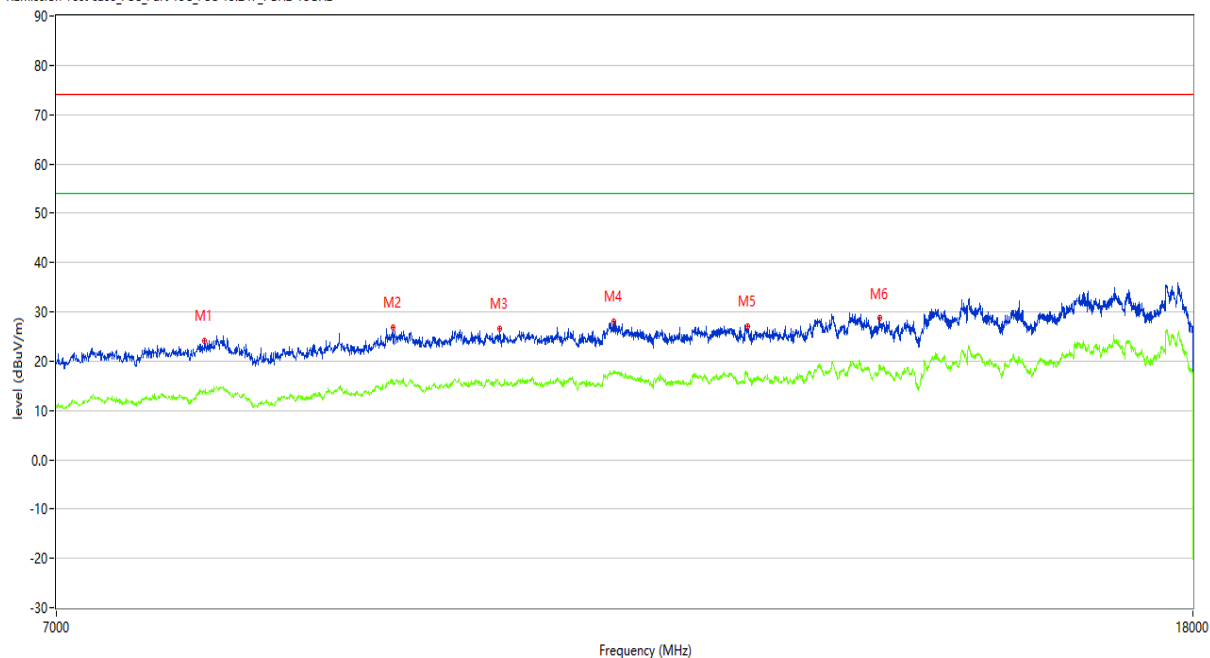
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7GHz-18GHz, Vertical

REmission Test case_FCC_Part 15C_FCC 15.247_7GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	7918.270	24.17	-28.12	74.0	-49.83	Peak	222.30	150	Vertical	Pass
1**	7918.270	13.80	-28.12	54.0	-40.20	AV	222.30	150	Vertical	Pass
2	9257.186	26.87	-24.32	74.0	-47.13	Peak	67.50	150	Vertical	Pass
2**	9257.186	16.14	-24.32	54.0	-37.86	AV	67.50	150	Vertical	Pass
3	10120.470	26.62	-23.21	74.0	-47.38	Peak	344.70	150	Vertical	Pass
3**	10120.470	15.70	-23.21	54.0	-38.30	AV	344.70	150	Vertical	Pass
4	11123.969	28.14	-22.29	74.0	-45.86	Peak	76.80	150	Vertical	Pass
4**	11123.969	17.55	-22.29	54.0	-36.45	AV	76.80	150	Vertical	Pass
5	12432.642	27.13	-22.70	74.0	-46.87	Peak	17.60	150	Vertical	Pass
5**	12432.642	17.49	-22.70	54.0	-36.51	AV	17.60	150	Vertical	Pass
6	13870.532	28.79	-20.06	74.0	-45.21	Peak	208.90	150	Vertical	Pass
6**	13870.532	19.17	-20.06	54.0	-34.83	AV	208.90	150	Vertical	Pass

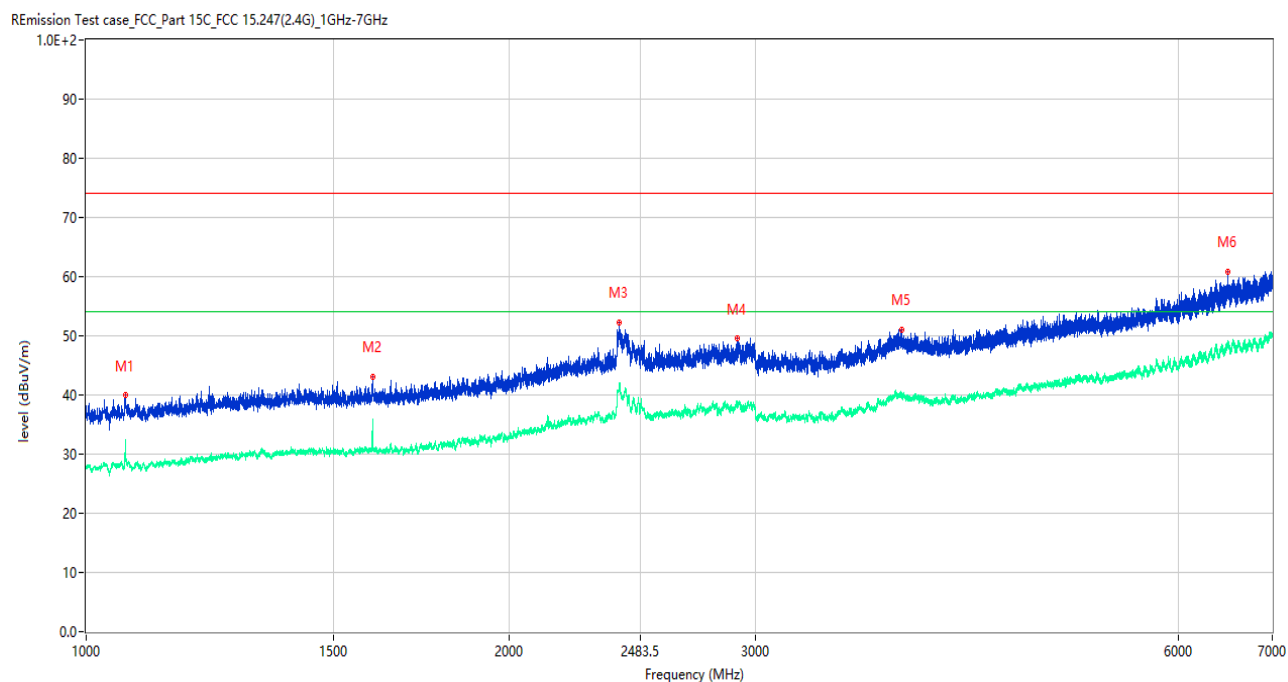
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Figure 49: Spurious Emission, 1GHz – 10th Harmonic, 802.11n(HT40), 2452MHz
1GHz-7GHz, Horizontal



Frequency (MHz)	Peak Level (dBuV/m)	Q-peak Level (dBuV/m)	Average Level (dBuV/m)	Factor (dB)	PK Limit (dBuV/m)	QP Limit (dBuV/m)	AV Limit (dBuV/m)	Over Limit (dB)	Table (o)	Height (cm)	ANT	Verdict
1066.492	39.94	--	32.25	-10.64	74.0	--	54.0	-21.75	5.00	100	Horizontal	Pass
1599.425	43.10	--	34.55	-10.39	74.0	--	54.0	-19.45	6.00	100	Horizontal	Pass
2398.825	52.29	--	41.53	2.13	74.0	--	54.0	-12.47	7.00	100	Horizontal	Pass
2909.261	49.58	--	39.01	-0.80	74.0	--	54.0	-14.99	5.00	100	Horizontal	Pass
3809.149	51.10	--	40.19	0.96	74.0	--	54.0	-13.81	3.00	100	Horizontal	Pass
6509.686	60.76	--	48.91	12.38	74.0	--	54.0	-5.09	11.00	100	Horizontal	Pass

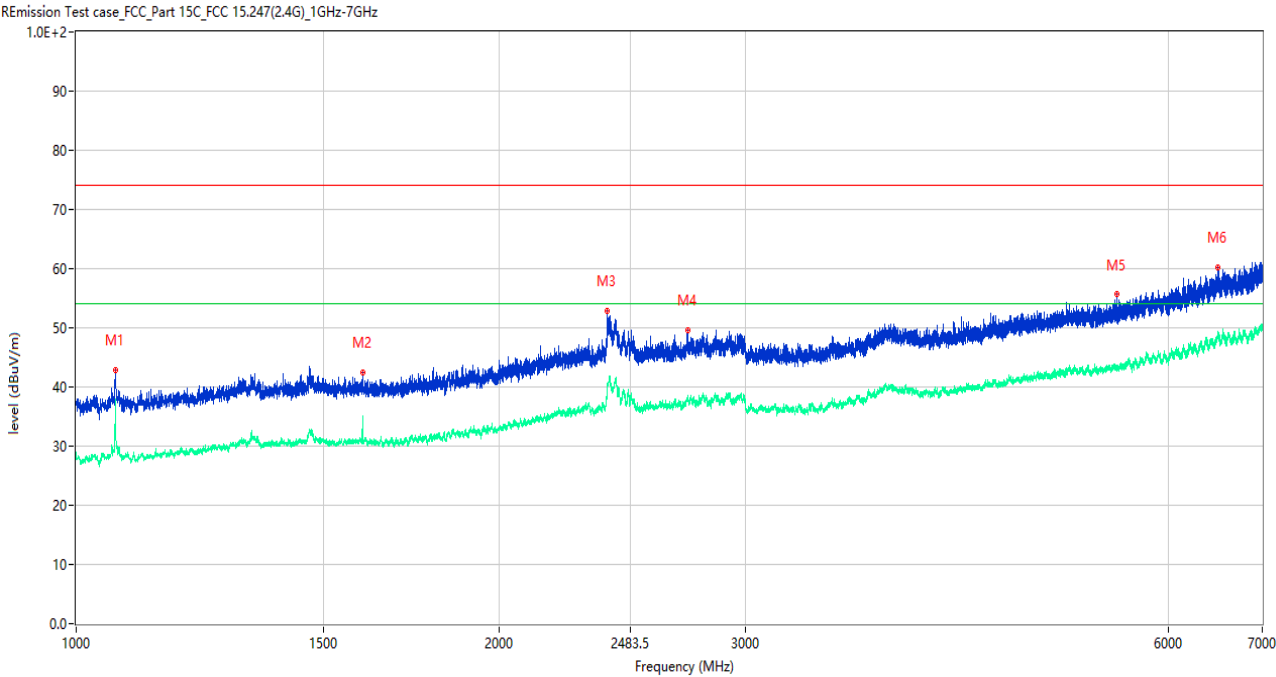
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1GHz-7GHz, Vertical



Frequency (MHz)	Peak Level (dBuV/m)	Q-peak Level (dBuV/m)	Average Level (dBuV/m)	Factor (dB)	PK Limit (dBuV/m)	QP Limit (dBuV/m)	AV Limit (dBuV/m)	Over Limit (dB)	Table (o)	Height (cm)	ANT	Verdict
1066.492	42.29	--	36.98	-10.64	74.0	--	54.0	-17.02	5.00	100	Vertical	Pass
1599.675	41.65	--	33.50	-10.38	74.0	--	54.0	-20.50	1.00	100	Vertical	Pass
2390.826	52.86	--	40.13	1.24	74.0	--	54.0	-13.87	4.00	100	Vertical	Pass
2729.534	49.68	--	37.94	-1.32	74.0	--	54.0	-16.06	10.00	100	Vertical	Pass
5511.811	55.68	--	43.57	5.44	74.0	--	54.0	-10.43	2.00	100	Vertical	Pass
6509.186	60.11	--	49.08	12.39	74.0	--	54.0	-4.92	15.00	100	Vertical	Pass

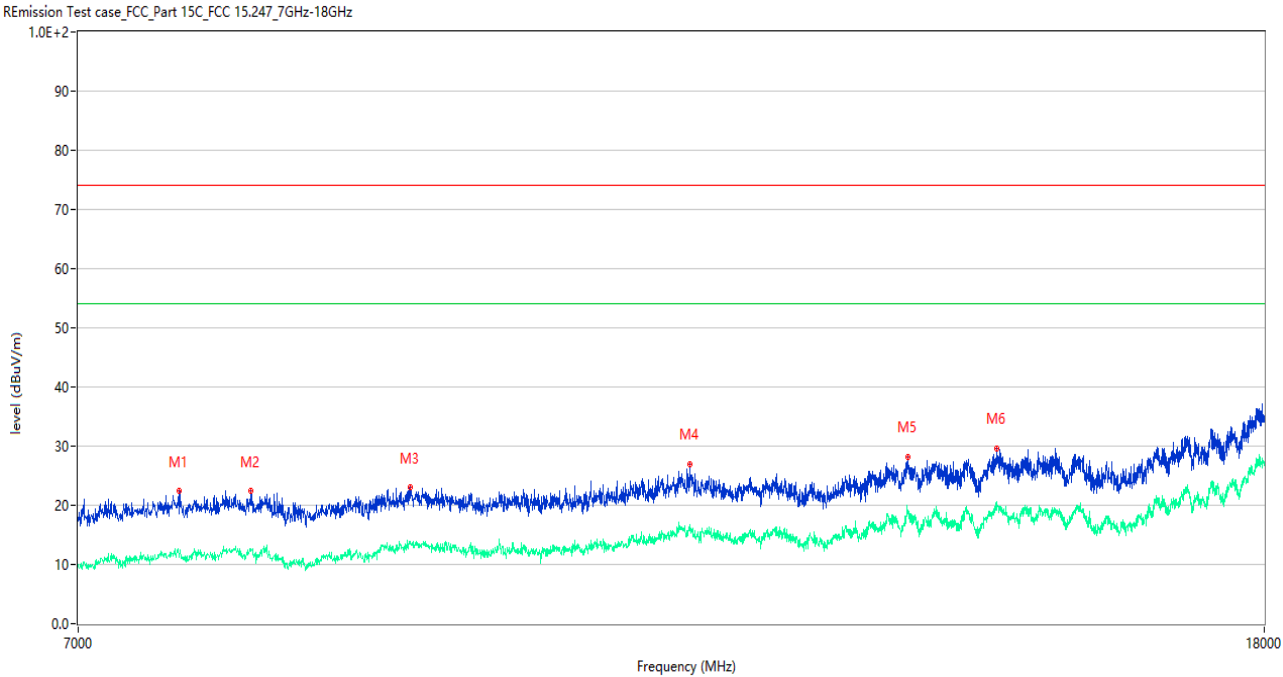
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7GHz-18GHz, Horizontal



Frequency (MHz)	Peak Level (dBuV/m)	Q-peak Level (dBuV/m)	Average Level (dBuV/m)	Factor (dB)	PK Limit (dBuV/m)	QP Limit (dBuV/m)	AV Limit (dBuV/m)	Over Limit (dB)	Table (o)	Height (cm)	ANT	Verdict
7582.854	22.42	--	11.81	-26.32	74.0	--	54.0	-42.19	6.00	100	Horizontal	Pass
8030.992	22.41	--	12.58	-26.32	74.0	--	54.0	-41.42	15.00	100	Horizontal	Pass
9116.971	22.98	--	13.94	-25.29	74.0	--	54.0	-40.06	12.00	100	Horizontal	Pass
11393.402	26.92	--	15.67	-19.06	74.0	--	54.0	-38.33	0.00	100	Horizontal	Pass
13554.361	28.20	--	19.08	-16.04	74.0	--	54.0	-34.92	14.00	100	Horizontal	Pass
14552.362	29.69	--	20.66	-13.95	74.0	--	54.0	-33.34	4.00	100	Horizontal	Pass

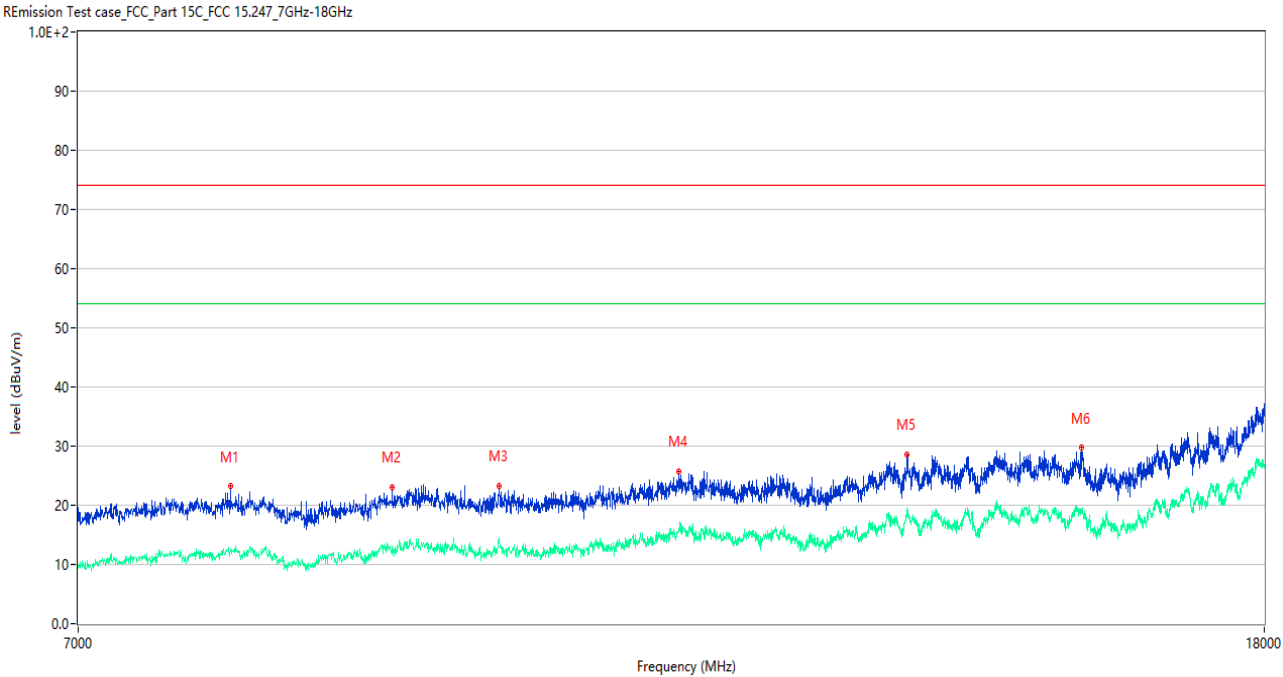
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7GHz-18GHz, Vertical



Frequency (MHz)	Peak Level (dBuV/m)	Q-peak Level (dBuV/m)	Average Level (dBuV/m)	Factor (dB)	PK Limit (dBuV/m)	QP Limit (dBuV/m)	AV Limit (dBuV/m)	Over Limit (dB)	Table (o)	Height (cm)	ANT	Verdict
7901.775	23.23	--	12.71	-26.23	74.0	--	54.0	-41.29	11.00	100	Vertical	Pass
8987.753	22.98	--	12.64	-25.20	74.0	--	54.0	-41.36	0.00	100	Vertical	Pass
9787.803	23.33	--	13.63	-23.70	74.0	--	54.0	-40.37	2.00	100	Vertical	Pass
11294.426	25.80	--	16.09	-19.37	74.0	--	54.0	-37.91	13.00	100	Vertical	Pass
13543.364	28.60	--	19.64	-16.19	74.0	--	54.0	-34.36	14.00	100	Vertical	Pass
15561.360	29.79	--	19.34	-17.27	74.0	--	54.0	-34.66	15.00	100	Vertical	Pass

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4.1.7 Band Edge (Restricted-band band-edge)

RESULT:

PASS

Test standard	: FCC Part 15.247(d), 15.205, 15.209 RSS-247 5.5
Requirement	: ANSI C63.10-2013, KDB 558074
Kind of test site	: 3m Semi-Anechoic Chamber

Test setup

Test Channel	: Low/Middle/High
Operation Mode	: A.1
Ambient temperature	: 25°C
Relative humidity	: 52%

For details refer to following test plot.

TEST REPORT

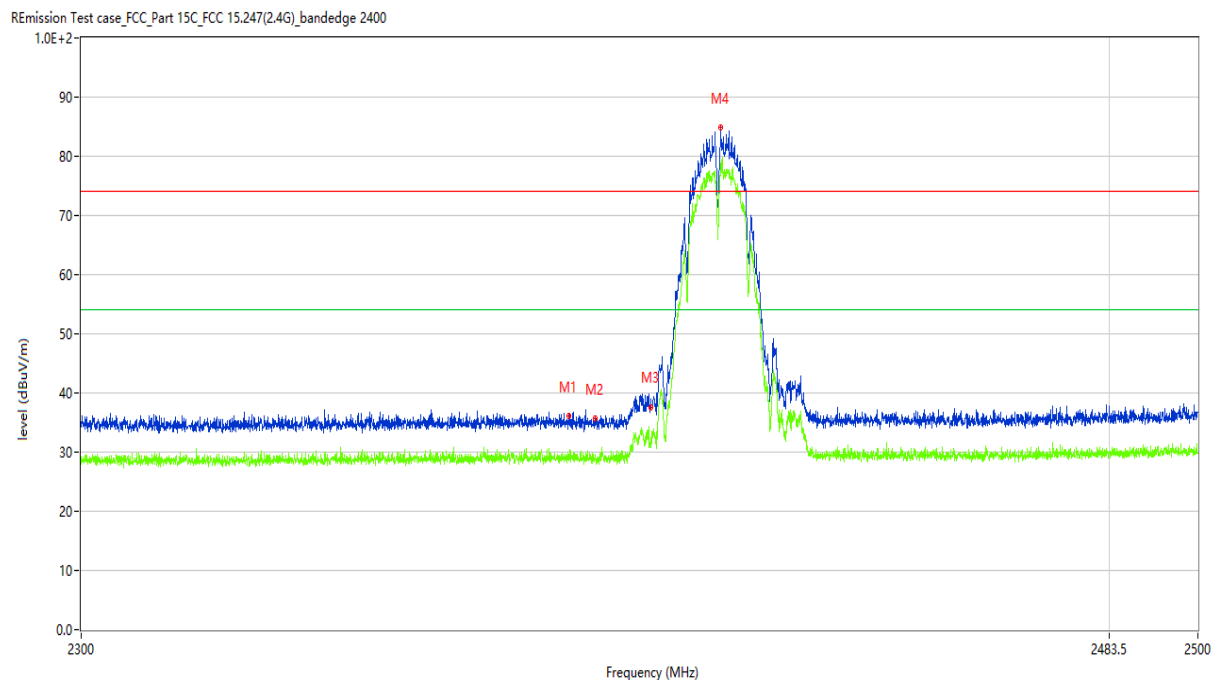
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Figure 50: Band Edge (Restricted-band band-edge), 802.11b, 2412MHz

Horizontal



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2385.329	36.04	4.62	74.0	-37.96	Peak	178.60	100	Horizontal	Pass
1**	2385.329	29.54	4.62	54.0	-24.46	AV	178.60	100	Horizontal	Pass
2	2390.000	35.48	4.58	74.0	-38.52	Peak	157.31	100	Horizontal	Pass
2**	2390.000	28.97	4.58	54.0	-25.03	AV	157.31	100	Horizontal	Pass
3	2400.000	37.60	4.49	74.0	-36.40	Peak	205.85	100	Horizontal	Pass
3**	2400.000	31.39	4.49	54.0	-22.61	AV	205.85	100	Horizontal	Pass
4	2412.472	84.80	4.68	74.0	10.80	Peak	207.20	100	Horizontal	N/A
4**	2412.472	78.79	4.68	54.0	24.79	AV	207.20	100	Horizontal	N/A

TEST REPORT

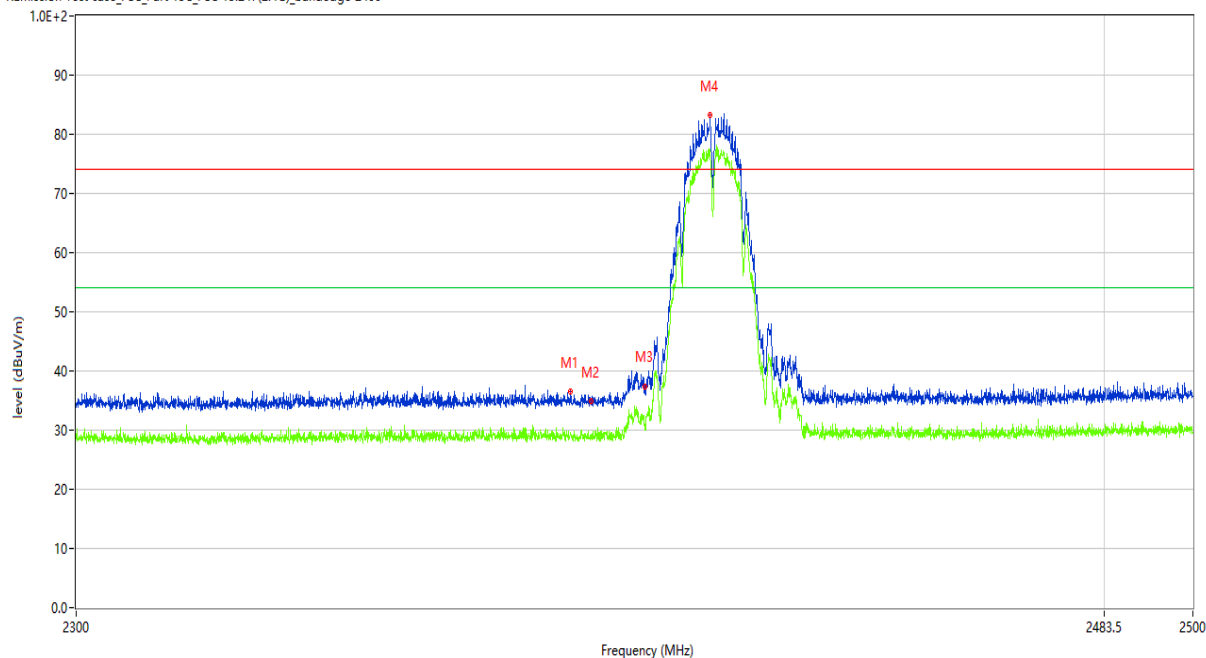
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Vertical

REmission Test case_FCC_Part 15C_FCC 15.247(2.4G)_bandedge 2400



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2386.428	36.59	4.61	74.0	-37.41	Peak	124.30	100	Vertical	Pass
1**	2386.428	29.40	4.61	54.0	-24.60	AV	124.30	100	Vertical	Pass
2	2390.000	34.82	4.58	74.0	-39.18	Peak	250.54	100	Vertical	Pass
2**	2390.000	28.48	4.58	54.0	-25.52	AV	250.54	100	Vertical	Pass
3	2400.000	37.40	4.49	74.0	-36.60	Peak	178.65	100	Vertical	Pass
3**	2400.000	31.76	4.49	54.0	-22.24	AV	178.65	100	Vertical	Pass
4	2411.522	83.19	4.67	74.0	9.19	Peak	204.40	100	Vertical	N/A
4**	2411.522	76.98	4.67	54.0	22.98	AV	204.40	100	Vertical	N/A

TEST REPORT

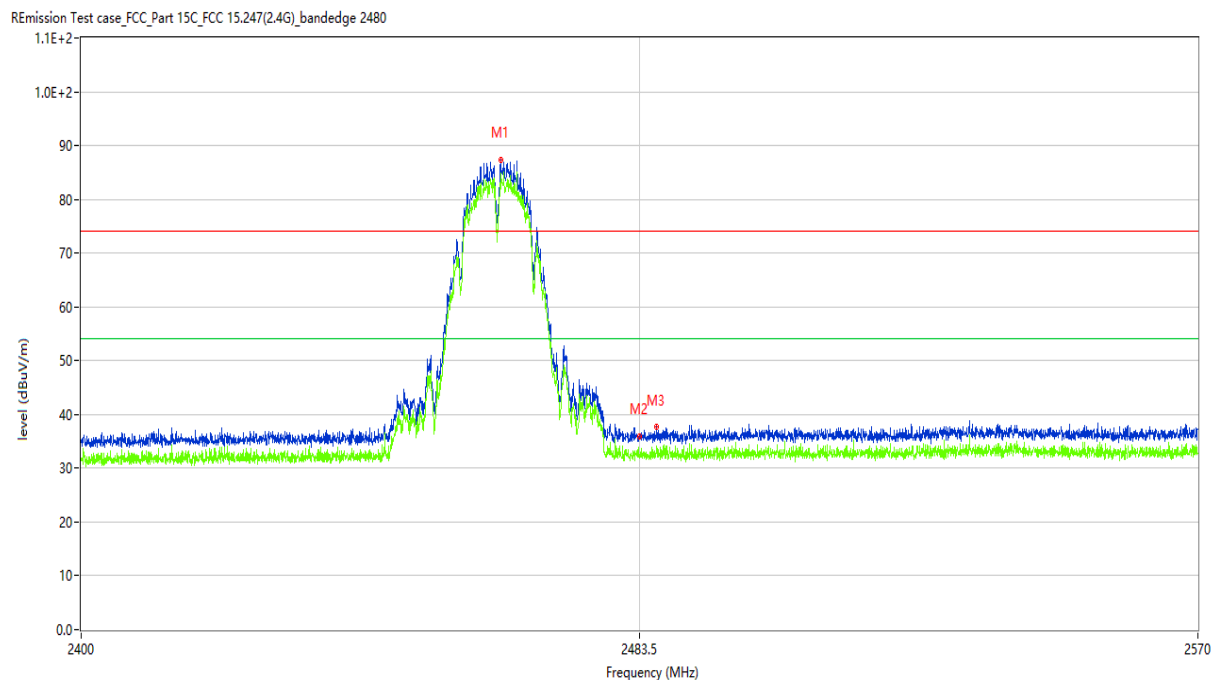
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Figure 51: Band Edge (Restricted-band band-edge), 802.11b, 2462MHz

Horizontal



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2462.502	87.43	5.09	74.0	13.43	Peak	175.20	100	Horizontal	N/A
1**	2462.502	84.93	5.09	54.0	30.93	AV	175.20	100	Horizontal	N/A
2	2483.500	35.76	5.57	74.0	-38.24	Peak	247.91	100	Horizontal	Pass
2**	2483.500	32.36	5.57	54.0	-21.64	AV	247.91	100	Horizontal	Pass
3	2486.126	37.74	5.60	74.0	-36.26	Peak	85.00	100	Horizontal	Pass
3**	2486.126	34.23	5.60	54.0	-19.77	AV	85.00	100	Horizontal	Pass

TEST REPORT

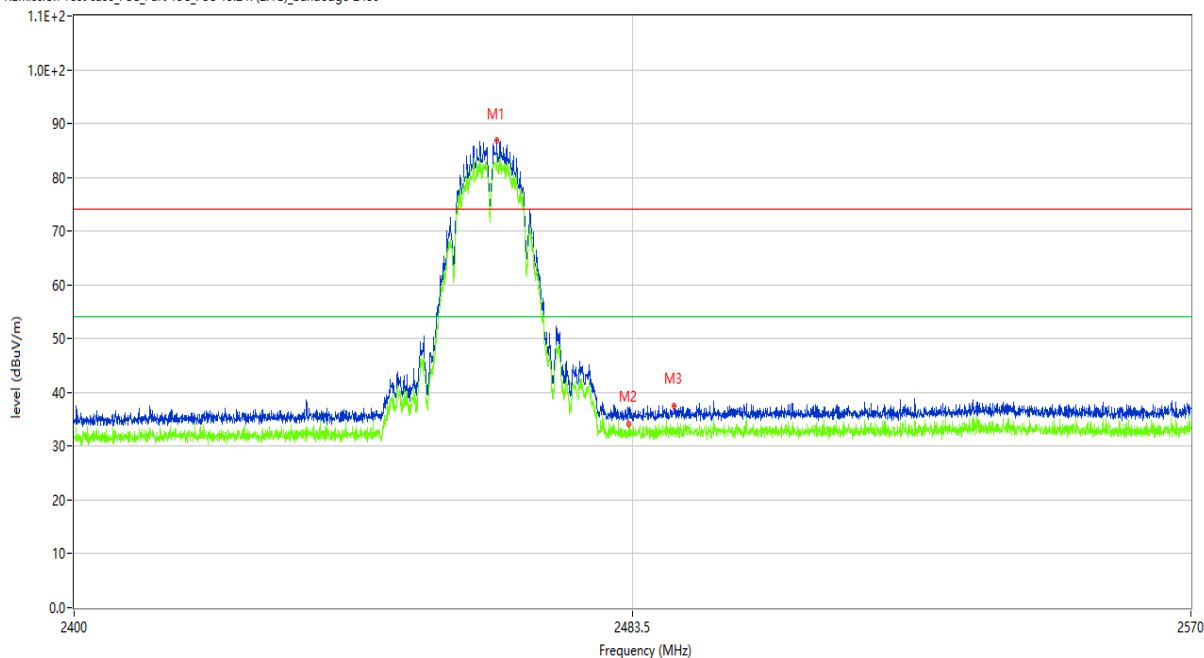
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Vertical

REmission Test case_FCC_Part 15C_FCC 15.247(2.4G)_bandedge 2480



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2462.969	86.80	5.10	74.0	12.80	Peak	172.10	100	Vertical	N/A
1**	2462.969	84.09	5.10	54.0	30.09	AV	172.10	100	Vertical	N/A
2	2483.500	34.90	5.57	74.0	-39.10	Peak	128.08	100	Vertical	Pass
2**	2483.500	31.88	5.57	54.0	-22.12	AV	128.08	100	Vertical	Pass
3	2489.865	37.39	5.64	74.0	-36.61	Peak	169.40	100	Vertical	Pass
3**	2489.865	33.41	5.64	54.0	-20.59	AV	169.40	100	Vertical	Pass

TEST REPORT

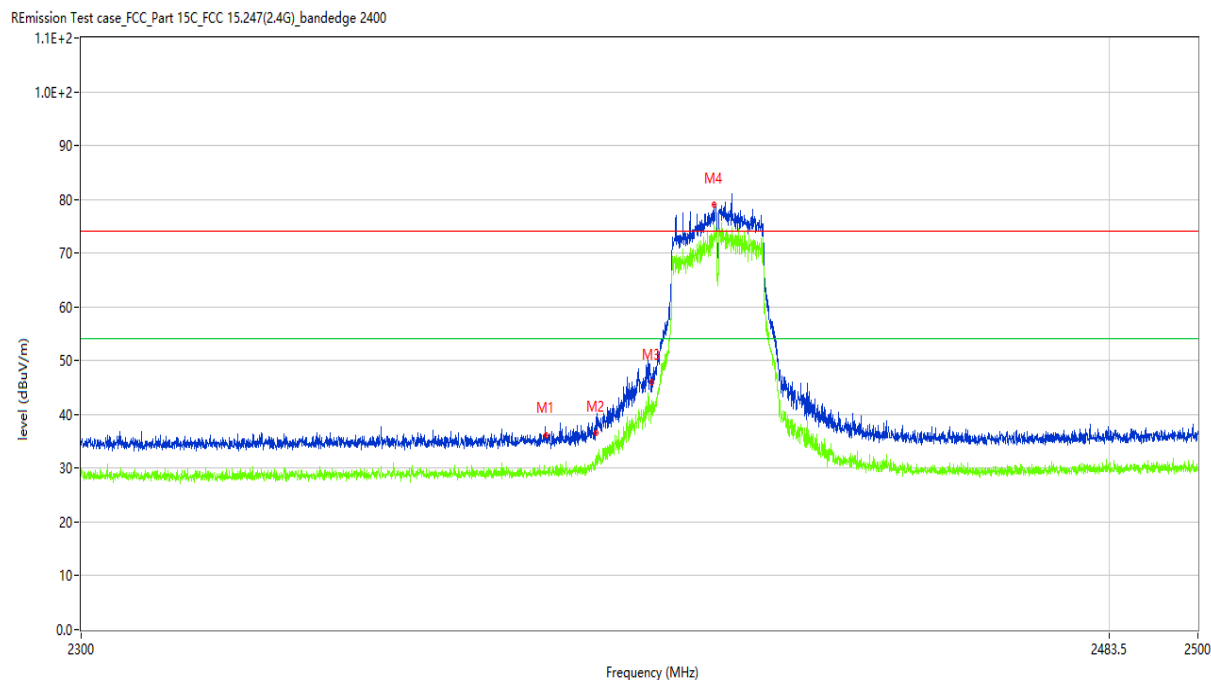
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Figure 52: Band Edge (Restricted-band band-edge), 802.11g, 2412MHz

Horizontal



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2381.230	36.03	4.66	74.0	-37.97	Peak	334.10	100	Horizontal	Pass
1**	2381.230	28.48	4.66	54.0	-25.52	AV	334.10	100	Horizontal	Pass
2	2390.000	36.80	4.58	74.0	-37.20	Peak	188.39	100	Horizontal	Pass
2**	2390.000	30.73	4.58	54.0	-23.27	AV	188.39	100	Horizontal	Pass
3	2400.000	45.88	4.49	74.0	-28.12	Peak	225.90	100	Horizontal	Pass
3**	2400.000	40.08	4.49	54.0	-13.92	AV	225.90	100	Horizontal	Pass
4	2411.372	79.01	4.67	74.0	5.01	Peak	221.70	100	Horizontal	N/A
4**	2411.372	74.08	4.67	54.0	20.08	AV	221.70	100	Horizontal	N/A

TEST REPORT

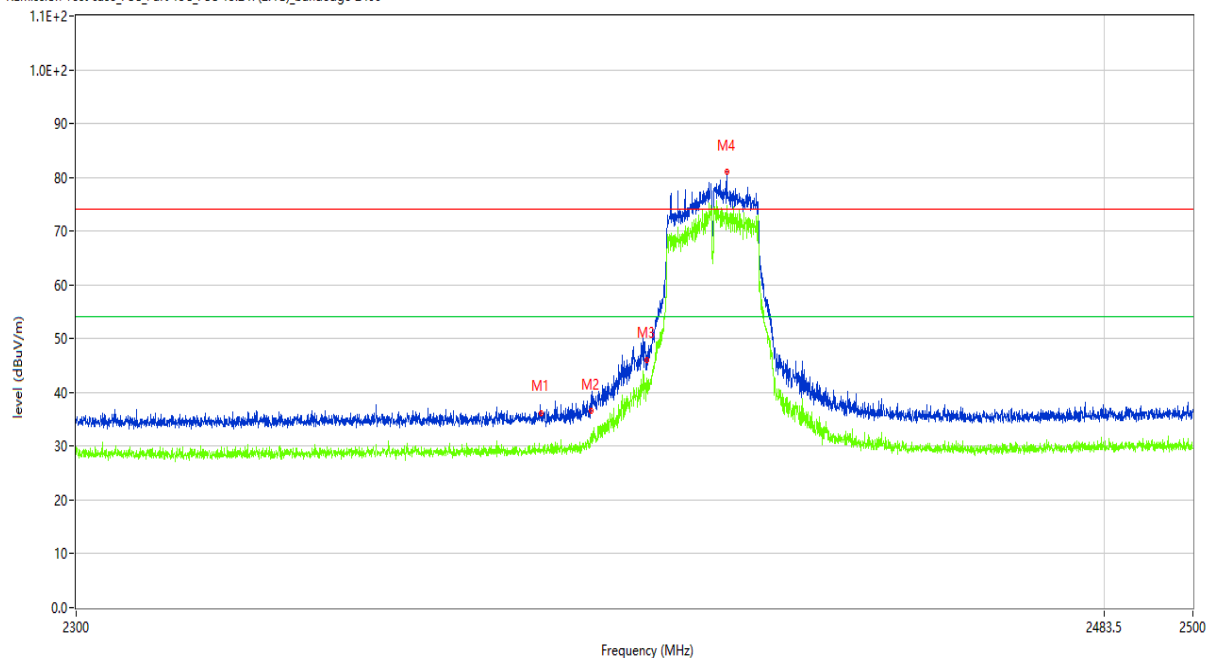
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Vertical

REmission Test case_FCC_Part 15C_FCC 15.247(2.4G)_bandedge 2400



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2381.230	36.03	4.66	74.0	-37.97	Peak	334.10	100	Horizontal	Pass
1**	2381.230	28.48	4.66	54.0	-25.52	AV	334.10	100	Horizontal	Pass
2	2390.000	36.80	4.58	74.0	-37.20	Peak	188.39	100	Horizontal	Pass
2**	2390.000	30.73	4.58	54.0	-23.27	AV	188.39	100	Horizontal	Pass
3	2400.000	45.88	4.49	74.0	-28.12	Peak	225.90	100	Horizontal	Pass
3**	2400.000	40.08	4.49	54.0	-13.92	AV	225.90	100	Horizontal	Pass
4	2414.471	81.01	4.71	74.0	7.01	Peak	213.00	100	Horizontal	N/A
4**	2414.471	74.65	4.71	54.0	20.65	AV	213.00	100	Horizontal	N/A

TEST REPORT

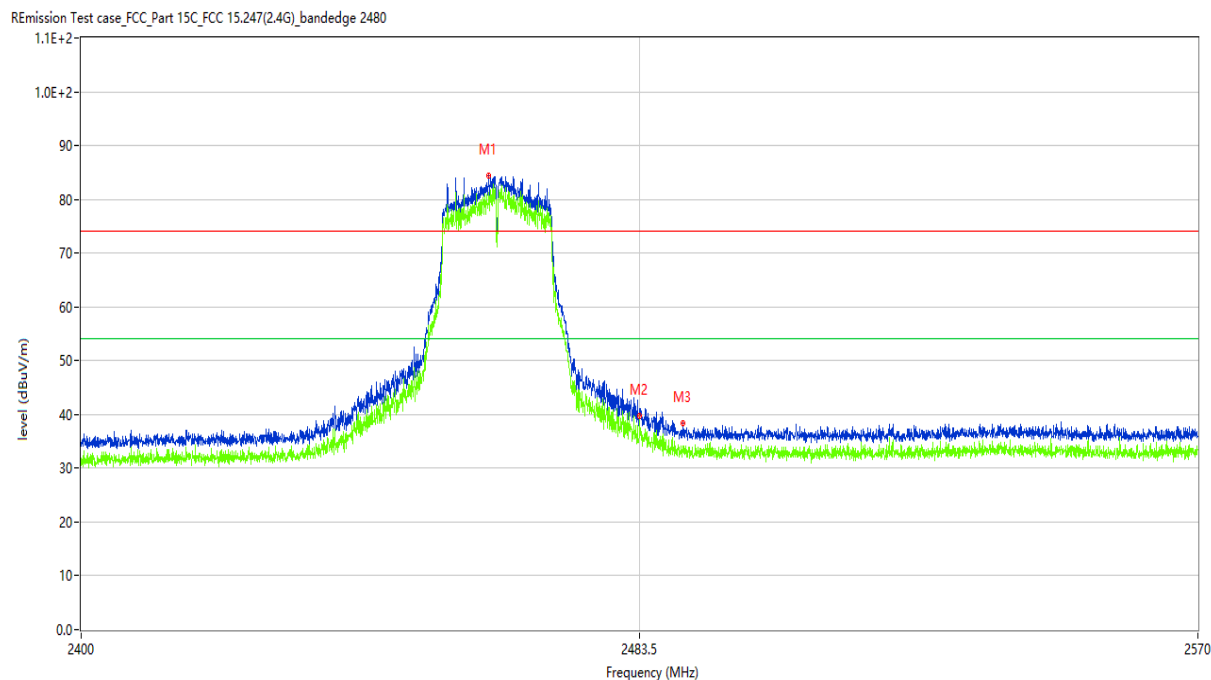
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Figure 53: Band Edge (Restricted-band band-edge), 802.11g, 2462MHz

Horizontal



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2460.675	84.40	5.04	74.0	10.40	Peak	177.00	100	Horizontal	N/A
1**	2460.675	80.94	5.04	54.0	26.94	AV	177.00	100	Horizontal	N/A
2	2483.500	39.33	5.57	74.0	-34.67	Peak	187.76	100	Horizontal	Pass
2**	2483.500	36.60	5.57	54.0	-17.40	AV	187.76	100	Horizontal	Pass
3	2490.205	38.35	5.64	74.0	-35.65	Peak	174.00	100	Horizontal	Pass
3**	2490.205	34.20	5.64	54.0	-19.80	AV	174.00	100	Horizontal	Pass

TEST REPORT

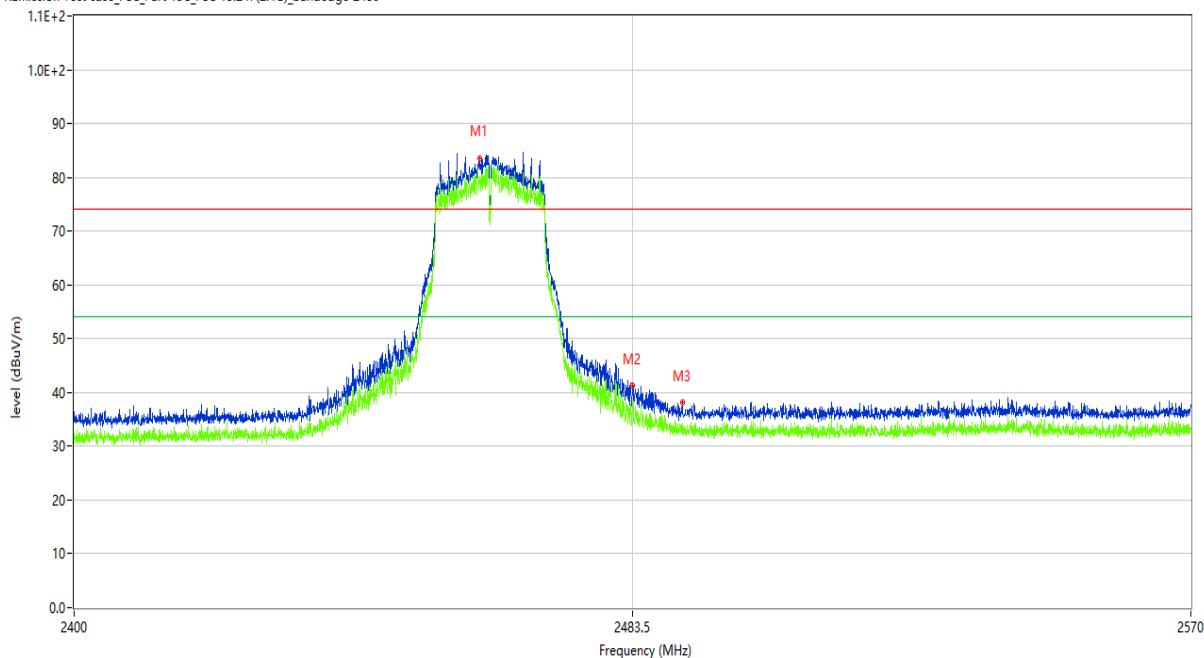
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Vertical

REmission Test case_FCC_Part 15C_FCC 15.247(2.4G)_bandedge 2480



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2460.377	83.44	5.03	74.0	9.44	Peak	166.80	100	Vertical	N/A
1**	2460.377	80.10	5.03	54.0	26.10	AV	166.80	100	Vertical	N/A
2	2483.500	40.99	5.57	74.0	-33.01	Peak	169.48	100	Vertical	Pass
2**	2483.500	37.15	5.57	54.0	-16.85	AV	169.48	100	Vertical	Pass
3	2491.097	38.14	5.66	74.0	-35.86	Peak	276.50	100	Vertical	Pass
3**	2491.097	34.16	5.66	54.0	-19.84	AV	276.50	100	Vertical	Pass

TEST REPORT

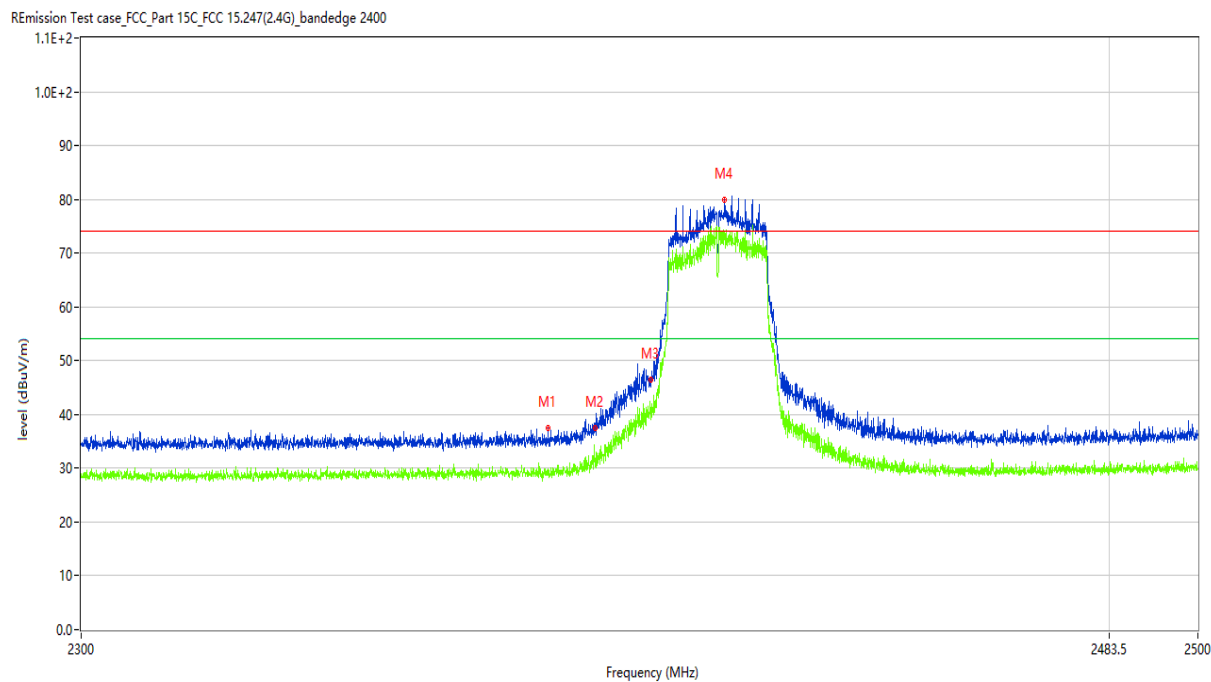
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Figure 54: Band Edge (Restricted-band band-edge), 802.11n(HT20), 2412MHz

Horizontal



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2381.580	37.40	4.65	74.0	-36.60	Peak	203.10	100	Horizontal	Pass
1**	2381.580	29.78	4.65	54.0	-24.22	AV	203.10	100	Horizontal	Pass
2	2390.000	37.50	4.58	74.0	-36.50	Peak	28.50	100	Horizontal	Pass
2**	2390.000	31.17	4.58	54.0	-22.83	AV	28.50	100	Horizontal	Pass
3	2400.000	46.41	4.49	74.0	-27.59	Peak	85.30	100	Horizontal	Pass
3**	2400.000	40.18	4.49	54.0	-13.82	AV	85.30	100	Horizontal	Pass
4	2413.222	79.85	4.69	74.0	5.85	Peak	206.10	100	Horizontal	N/A
4**	2413.222	74.10	4.69	54.0	20.10	AV	206.10	100	Horizontal	N/A

TEST REPORT

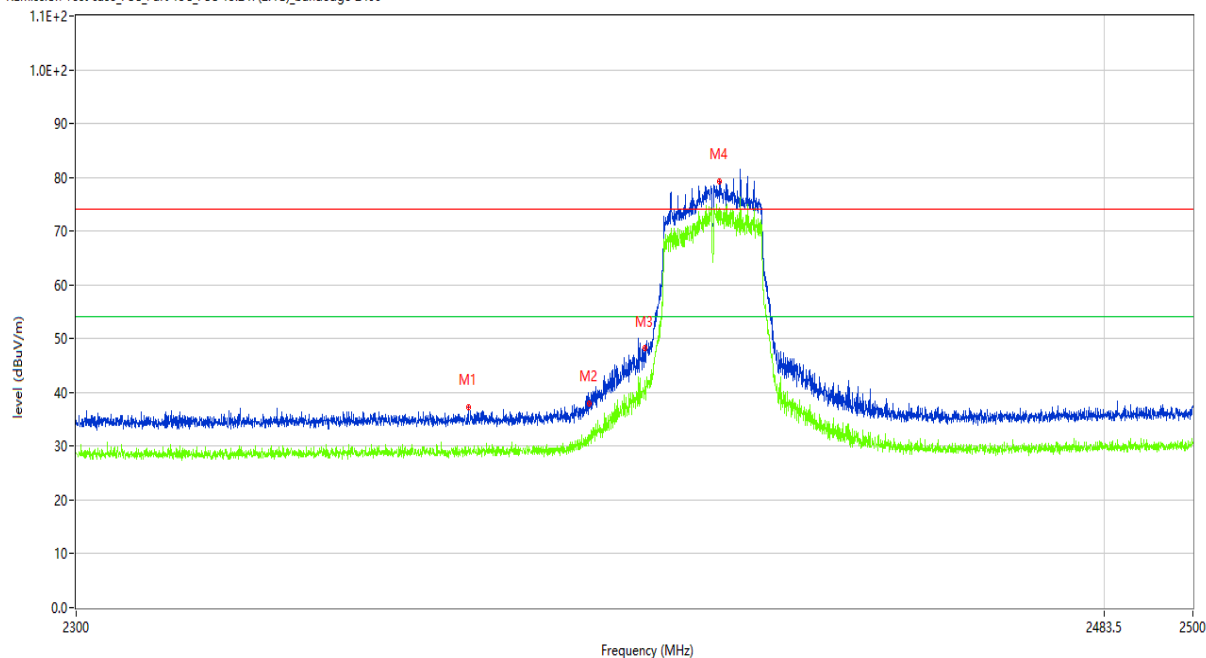
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Vertical

REmission Test case_FCC_Part 15C_FCC 15.247(2.4G)_bandedge 2400



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2368.333	37.36	4.67	74.0	-36.64	Peak	61.50	100	Vertical	Pass
1**	2368.333	29.93	4.67	54.0	-24.07	AV	61.50	100	Vertical	Pass
2	2390.000	38.01	4.58	74.0	-35.99	Peak	110.76	100	Vertical	Pass
2**	2390.000	31.32	4.58	54.0	-22.68	AV	110.76	100	Vertical	Pass
3	2400.000	48.24	4.49	74.0	-25.76	Peak	224.35	100	Vertical	Pass
3**	2400.000	40.35	4.49	54.0	-13.65	AV	224.35	100	Vertical	Pass
4	2413.222	79.32	4.69	74.0	5.32	Peak	200.30	100	Vertical	N/A
4**	2413.222	74.31	4.69	54.0	20.31	AV	200.30	100	Vertical	N/A

TEST REPORT

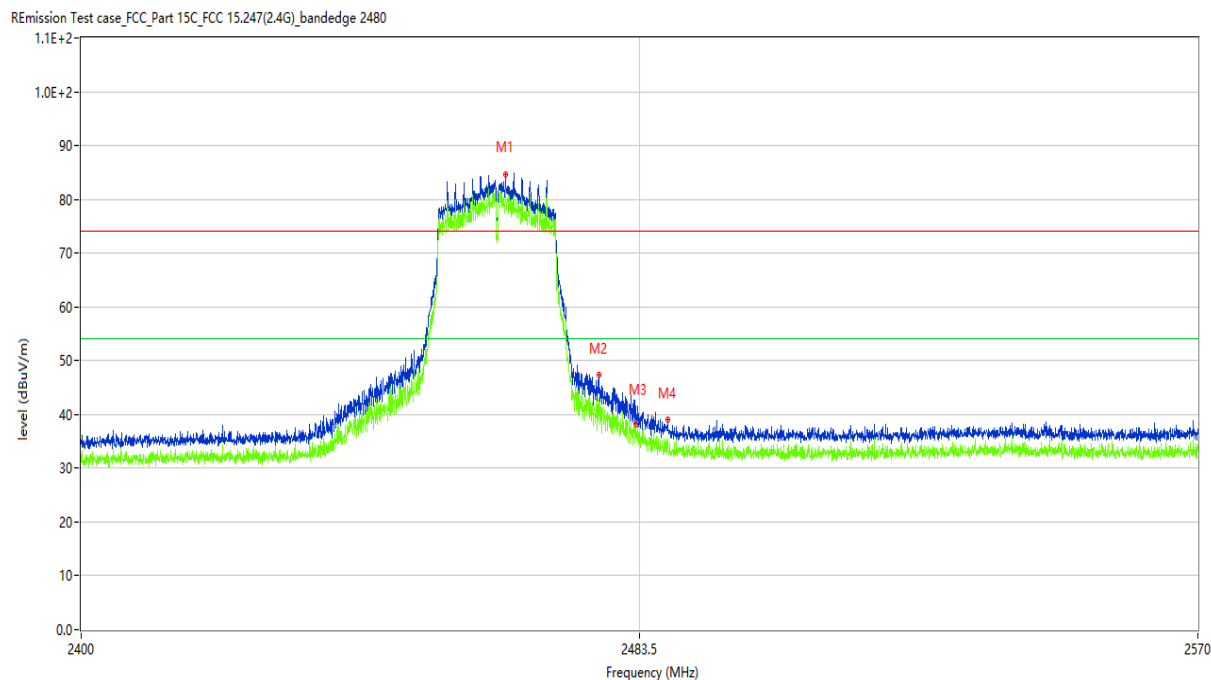
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Figure 55: Band Edge (Restricted-band band-edge), 802.11n(HT20), 2462MHz

Horizontal



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2463.267	84.62	5.11	74.0	10.62	Peak	177.40	100	Horizontal	N/A
1**	2463.267	81.74	5.11	54.0	27.74	AV	177.40	100	Horizontal	N/A
2	2477.331	47.33	5.46	74.0	-26.67	Peak	139.90	100	Horizontal	Pass
2**	2477.331	43.12	5.46	54.0	-10.88	AV	139.90	100	Horizontal	Pass
3	2483.500	38.79	5.57	74.0	-35.21	Peak	169.49	100	Horizontal	Pass
3**	2483.500	36.36	5.57	54.0	-17.64	AV	169.49	100	Horizontal	Pass
4	2487.868	39.08	5.62	74.0	-34.92	Peak	160.10	100	Horizontal	Pass
4**	2487.868	35.42	5.62	54.0	-18.58	AV	160.10	100	Horizontal	Pass

TEST REPORT

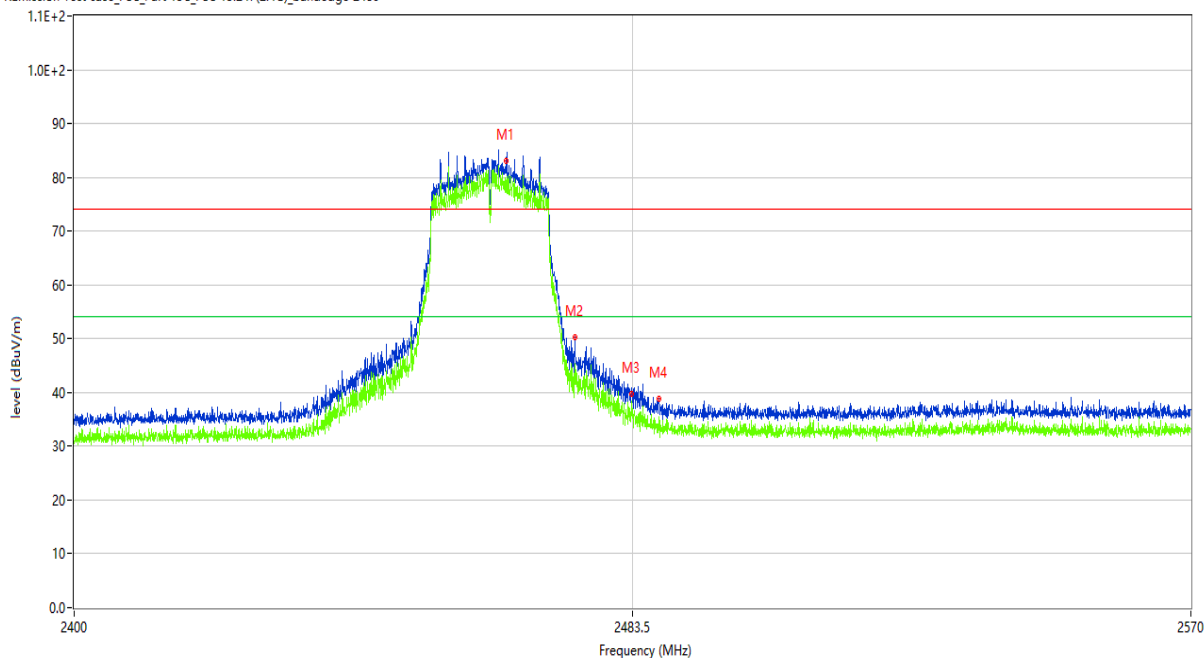
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Vertical

REmission Test case_FCC_Part 15C_FCC 15.247(2.4G)_bandedge 2480



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2464.414	79.66	5.14	74.0	5.66	Peak	211.80	100	Vertical	N/A
1**	2464.414	75.33	5.14	54.0	21.33	AV	211.80	100	Vertical	N/A
2	2474.824	50.36	5.40	74.0	-23.64	Peak	157.10	100	Vertical	Pass
2**	2474.824	45.18	5.40	54.0	-8.82	AV	157.10	100	Vertical	Pass
3	2483.500	39.62	5.57	74.0	-34.38	Peak	157.67	100	Vertical	Pass
3**	2483.500	36.07	5.57	54.0	-17.93	AV	157.67	100	Vertical	Pass
4	2487.528	38.81	5.61	74.0	-35.19	Peak	165.80	100	Vertical	Pass
4**	2487.528	34.54	5.61	54.0	-19.46	AV	165.80	100	Vertical	Pass

TEST REPORT

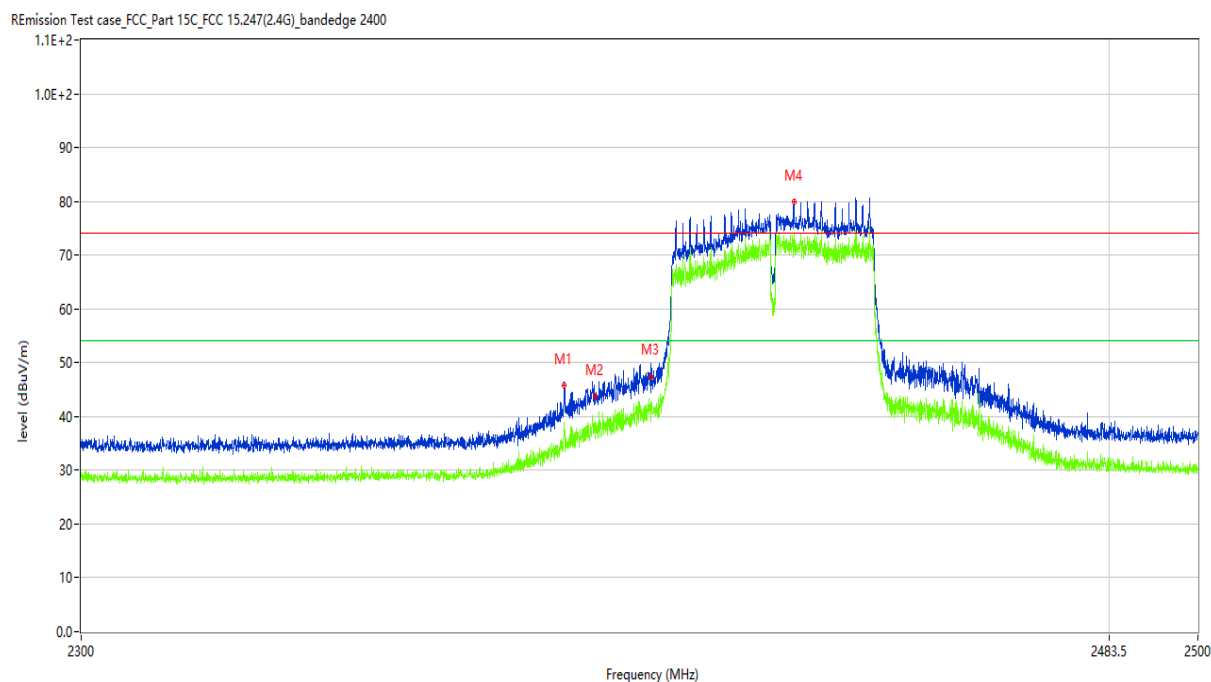
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Figure 56: Band Edge (Restricted-band band-edge), 802.11n(HT40), 2422MHz

Horizontal



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2384.429	44.69	4.63	74.0	-29.31	Peak	139.30	100	Horizontal	Pass
1**	2384.429	37.75	4.63	54.0	-16.25	AV	139.30	100	Horizontal	Pass
2	2390.000	38.54	4.58	74.0	-35.46	Peak	339.80	100	Horizontal	Pass
2**	2390.000	30.30	4.58	54.0	-23.70	AV	339.80	100	Horizontal	Pass
3	2400.000	42.48	4.49	74.0	-31.52	Peak	304.90	100	Horizontal	Pass
3**	2400.000	35.98	4.49	54.0	-18.02	AV	304.90	100	Horizontal	Pass
4	2425.719	79.86	4.88	74.0	5.86	Peak	168.50	100	Horizontal	N/A
4**	2425.719	74.05	4.88	54.0	20.05	AV	168.50	100	Horizontal	N/A

TEST REPORT

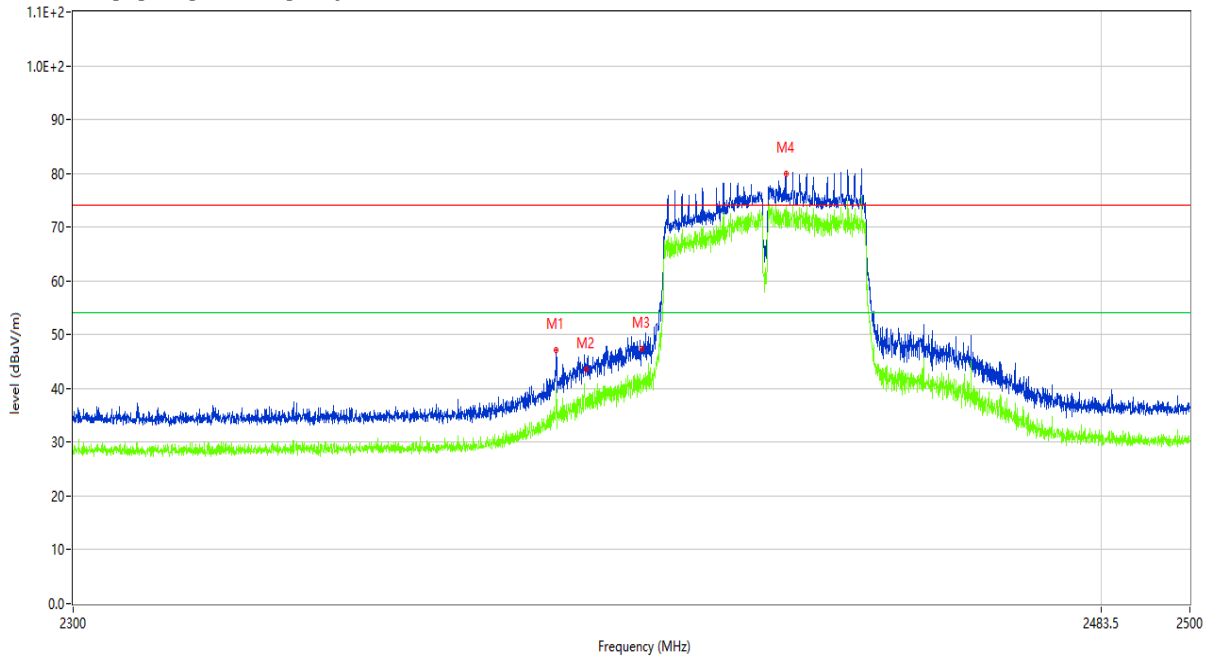
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Vertical

REmission Test case_FCC_Part 15C_FCC 15.247(2.4G)_bandedge 2400



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2384.479	45.04	4.63	74.0	-28.96	Peak	37.70	100	Vertical	Pass
1**	2384.479	37.15	4.63	54.0	-16.85	AV	37.70	100	Vertical	Pass
2	2390.000	43.71	4.58	74.0	-30.29	Peak	46.40	100	Vertical	Pass
2**	2390.000	36.99	4.58	54.0	-17.01	AV	46.40	100	Vertical	Pass
3	2400.000	46.63	4.49	74.0	-27.37	Peak	40.55	100	Vertical	Pass
3**	2400.000	40.88	4.49	54.0	-13.12	AV	40.55	100	Vertical	Pass
4	2425.719	79.83	4.88	74.0	5.83	Peak	202.80	100	Vertical	N/A
4**	2425.719	74.16	4.88	54.0	20.16	AV	202.80	100	Vertical	N/A

TEST REPORT

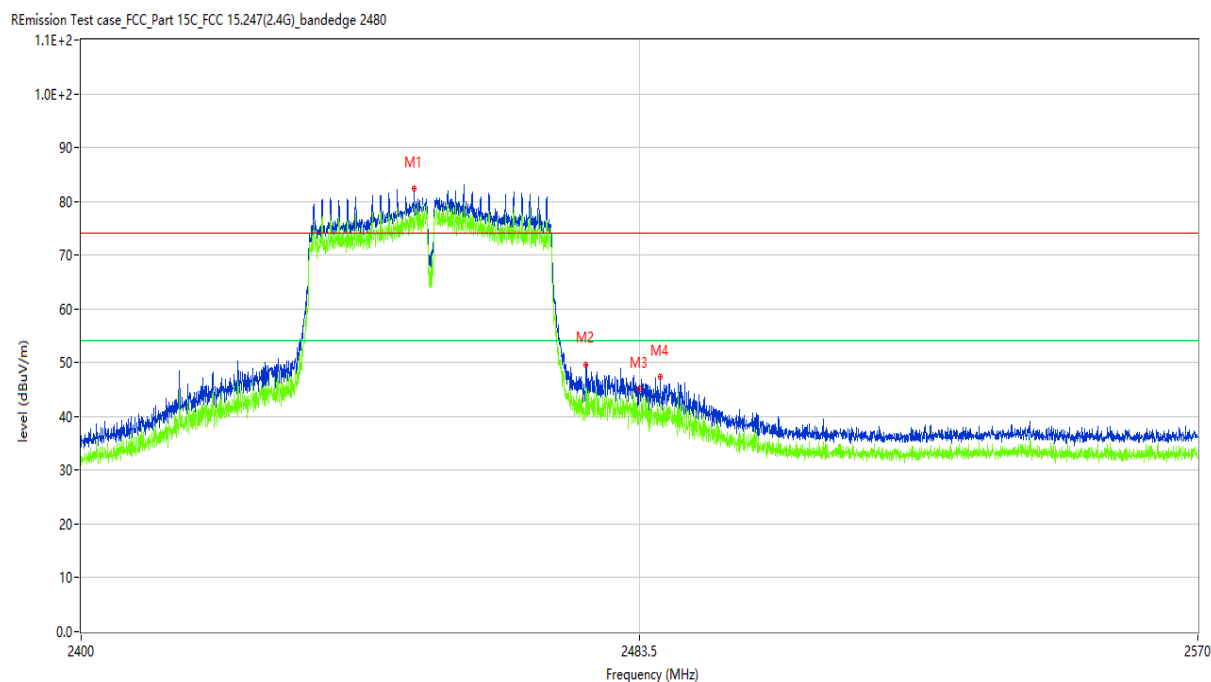
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Figure 57: Band Edge (Restricted-band band-edge), 802.11n(HT40), 2452MHz

Horizontal



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2449.458	82.44	5.06	74.0	8.44	Peak	174.40	100	Horizontal	N/A
1**	2449.458	77.84	5.06	54.0	23.84	AV	174.40	100	Horizontal	N/A
2	2475.419	49.52	5.41	74.0	-24.48	Peak	180.30	100	Horizontal	Pass
2**	2475.419	45.11	5.41	54.0	-8.89	AV	180.30	100	Horizontal	Pass
3	2483.500	36.79	5.57	74.0	-37.21	Peak	96.80	100	Horizontal	Pass
3**	2483.500	33.16	5.57	54.0	-20.84	AV	96.80	100	Horizontal	Pass
4	2486.721	47.34	5.60	74.0	-26.66	Peak	168.70	100	Horizontal	Pass
4**	2486.721	42.64	5.60	54.0	-11.36	AV	168.70	100	Horizontal	Pass

TEST REPORT

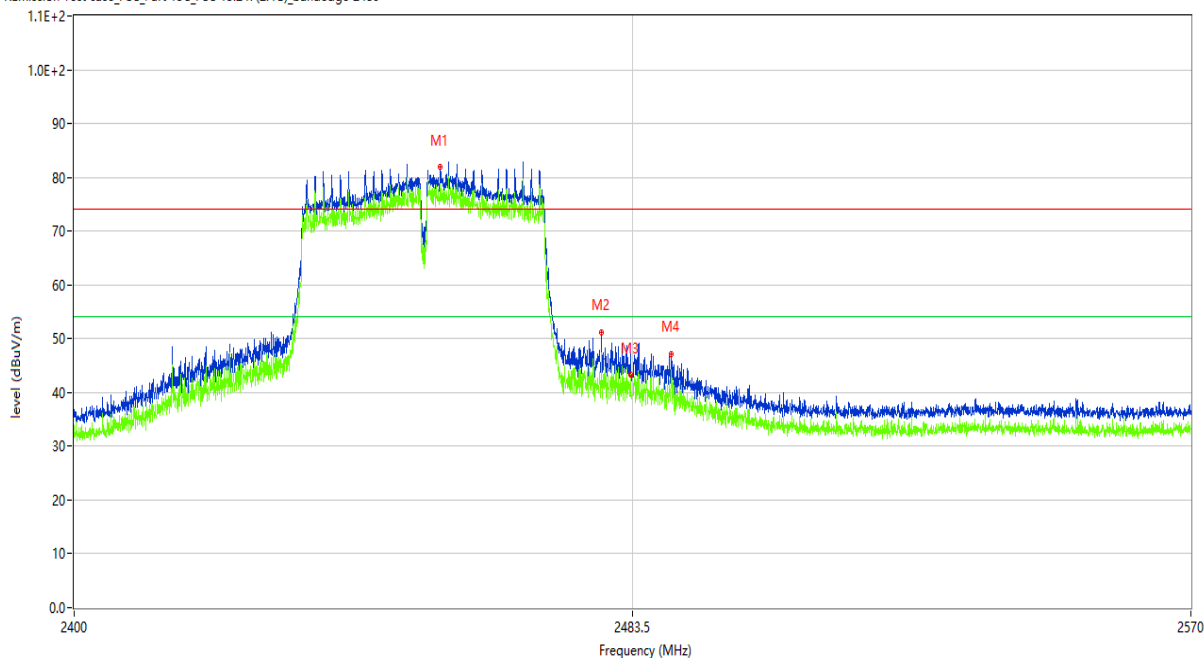
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Vertical

REmission Test case_FCC_Part 15C_FCC 15.247(2.4G)_bandedge 2480



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2454.471	82.00	5.04	74.0	8.00	Peak	176.70	100	Vertical	N/A
1**	2454.471	78.81	5.04	54.0	24.81	AV	176.70	100	Vertical	N/A
2	2478.818	51.27	5.50	74.0	-22.73	Peak	179.40	100	Vertical	Pass
2**	2478.818	47.31	5.50	54.0	-6.69	AV	179.40	100	Vertical	Pass
3	2483.500	43.53	5.57	74.0	-30.47	Peak	154.96	100	Vertical	Pass
3**	2483.500	39.75	5.57	54.0	-14.25	AV	154.96	100	Vertical	Pass
4	2489.483	47.05	5.64	74.0	-26.95	Peak	170.70	100	Vertical	Pass
4**	2489.483	44.23	5.64	54.0	-9.77	AV	170.70	100	Vertical	Pass

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4.2 Mains Emissions

4.2.1 Conducted Emission on AC Mains

RESULT:

PASS

Test standard	:	FCC Part 15.207(a) RSS-Gen 8.8
Requirement	:	ANSI C63.10-2013
Kind of test site	:	Shielded room

Test setup

Input Voltage	:	AC 120V, 60Hz; AC 240V, 50Hz
Operation Mode	:	A
Earthing	:	Not Connected
Ambient temperature	:	25°C
Relative humidity	:	52%

For details refer to following test plot.

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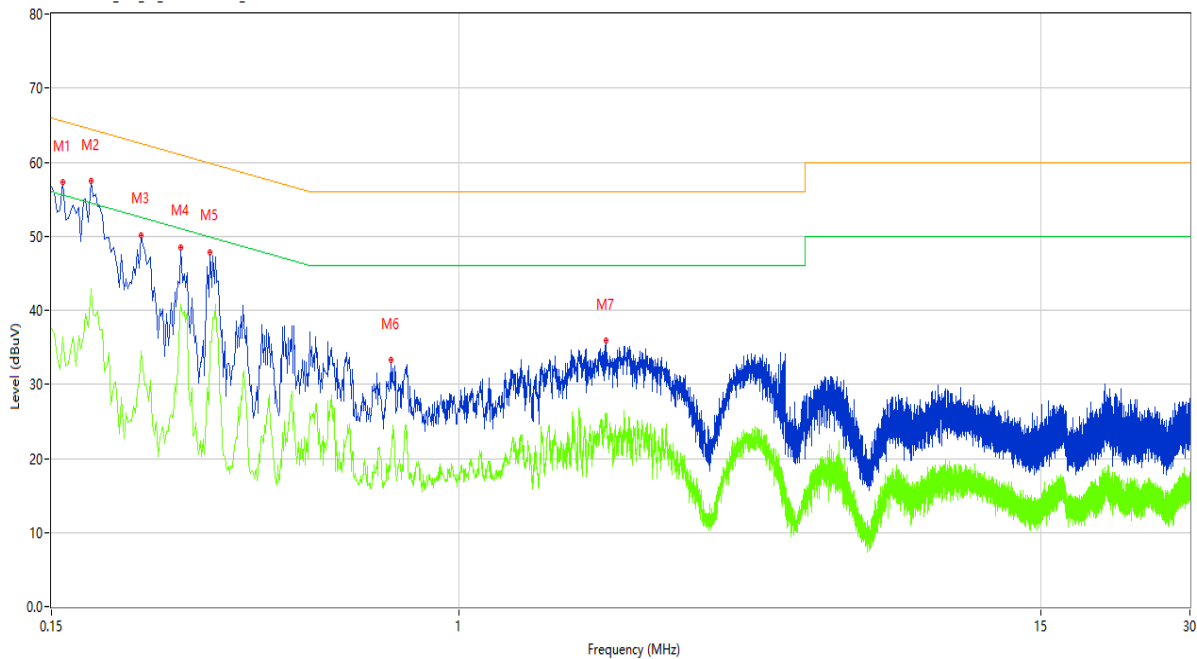
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Note:

The all configurations were tested respectively, but only the worst configuration shown here.

Figure 58: Conducted Emission on AC Mains, L Phase

CEmission Test case_FCC_CE_FCC PART 15B_Class B



No.	Frequency(MHz)	Results (dBUV)	Factor(dB)	Limit (dBUV)	Over Limit (dB)	Detector	Line	Verdict
1	0.166	57.61	10.15	65.16	-7.55	Peak	L	Pass
1*	0.166	50.59	10.15	65.16	-14.57	QP	L	Pass
1**	0.166	36.34	10.15	55.16	-18.82	AV	L	Pass
2	0.180	57.42	10.15	64.49	-7.07	Peak	L	Pass
2*	0.180	52.90	10.15	64.49	-11.59	QP	L	Pass
2**	0.180	42.91	10.15	54.49	-11.58	AV	L	Pass
3	0.228	50.39	10.14	62.52	-12.13	Peak	L	Pass
3*	0.228	46.62	10.14	62.52	-15.90	QP	L	Pass
3**	0.228	34.38	10.14	52.52	-18.14	AV	L	Pass
4	0.274	49.66	10.14	61.00	-11.34	Peak	L	Pass
4*	0.274	46.29	10.14	61.00	-14.71	QP	L	Pass
4**	0.274	40.77	10.14	51.00	-10.23	AV	L	Pass
5	0.314	48.01	10.14	59.86	-11.85	Peak	L	Pass
5*	0.314	43.42	10.14	59.86	-16.44	QP	L	Pass
5**	0.314	35.82	10.14	49.86	-14.04	AV	L	Pass
6	0.728	33.27	10.15	56.00	-22.73	Peak	L	Pass
6**	0.728	21.45	10.15	46.00	-24.55	AV	L	Pass
7	1.978	35.84	10.17	56.00	-20.16	Peak	L	Pass
7**	1.978	25.92	10.17	46.00	-20.08	AV	L	Pass

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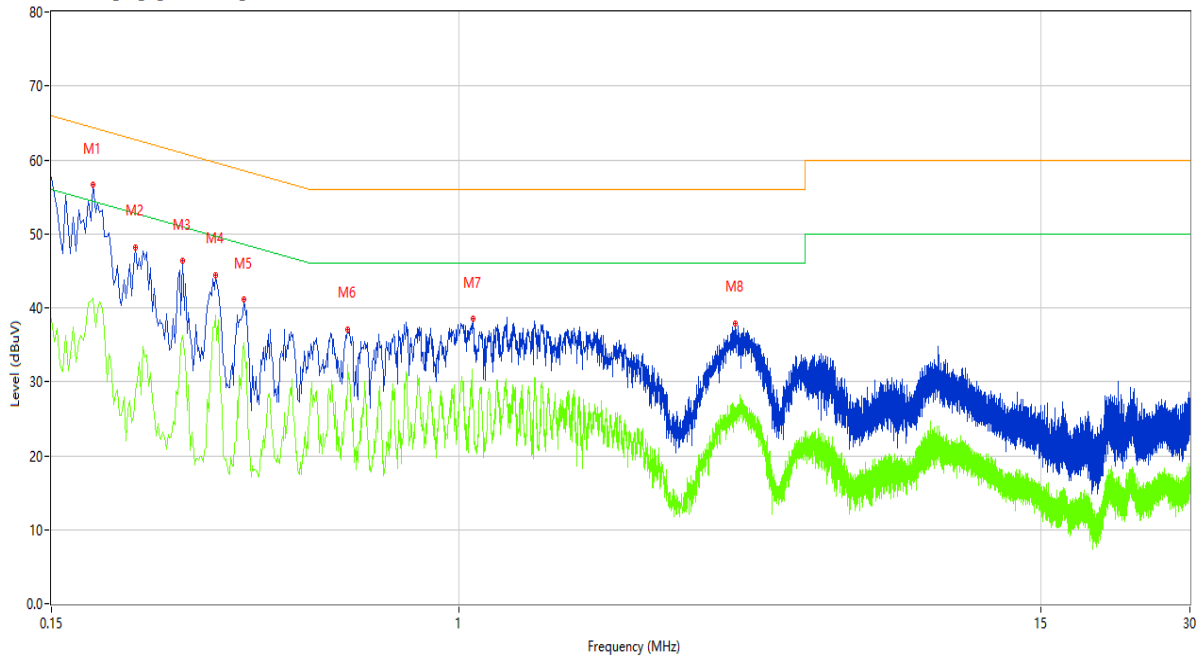
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Figure 59: Conducted Emission on AC Mains, N Phase

C:Emission Test case_FCC_CE_FCC PART 15B_Class B



No.	Frequency(MHz)	Results (dBUV)	Factor(dB)	Limit (dBUV)	Over Limit (dB)	Detector	Line	Verdict
1	0.182	57.58	10.15	64.39	-6.81	Peak	N	Pass
1*	0.182	54.05	10.15	64.39	-10.34	QP	N	Pass
1**	0.182	41.34	10.15	54.39	-13.05	AV	N	Pass
2	0.222	49.07	10.14	62.74	-13.67	Peak	N	Pass
2*	0.222	41.79	10.14	62.74	-20.95	QP	N	Pass
2**	0.222	28.68	10.14	52.74	-24.06	AV	N	Pass
3	0.276	46.99	10.14	60.94	-13.95	Peak	N	Pass
3*	0.276	43.26	10.14	60.94	-17.68	QP	N	Pass
3**	0.276	36.23	10.14	50.94	-14.71	AV	N	Pass
4	0.322	45.44	10.14	59.66	-14.22	Peak	N	Pass
4*	0.322	42.30	10.14	59.66	-17.36	QP	N	Pass
4**	0.322	38.94	10.14	49.66	-10.72	AV	N	Pass
5	0.368	42.82	10.14	58.55	-15.73	Peak	N	Pass
5*	0.368	39.25	10.14	58.55	-19.30	QP	N	Pass
5**	0.368	35.25	10.14	48.55	-13.30	AV	N	Pass
6	0.594	37.13	10.15	56.00	-18.87	Peak	N	Pass
6**	0.594	30.24	10.15	46.00	-15.76	AV	N	Pass
7	1.066	38.46	10.15	56.00	-17.54	Peak	N	Pass
7**	1.066	27.61	10.15	46.00	-18.39	AV	N	Pass
8	3.616	37.91	10.23	56.00	-18.09	Peak	N	Pass
8**	3.616	25.76	10.23	46.00	-20.24	AV	N	Pass

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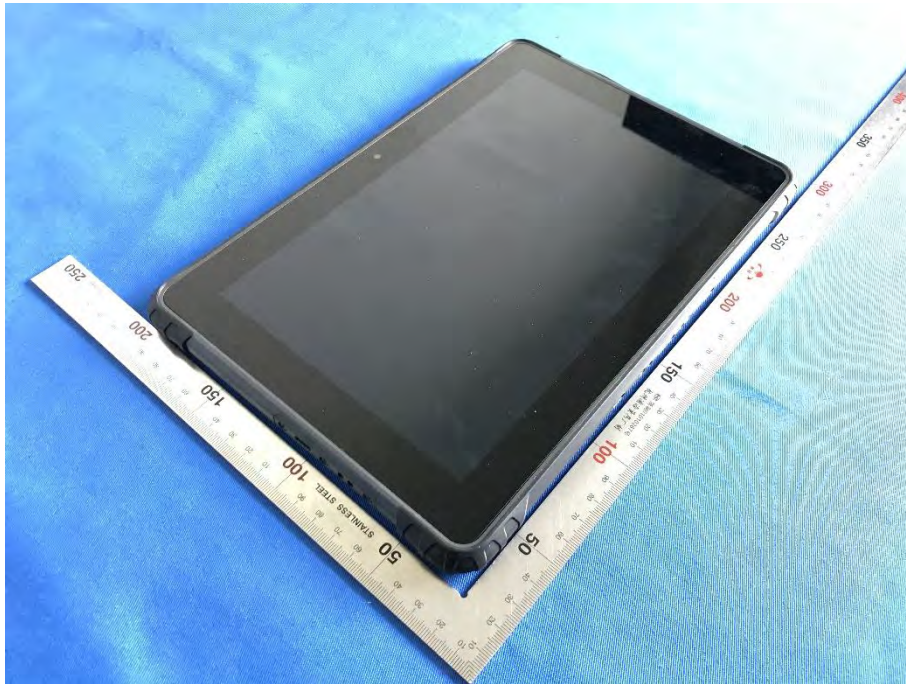
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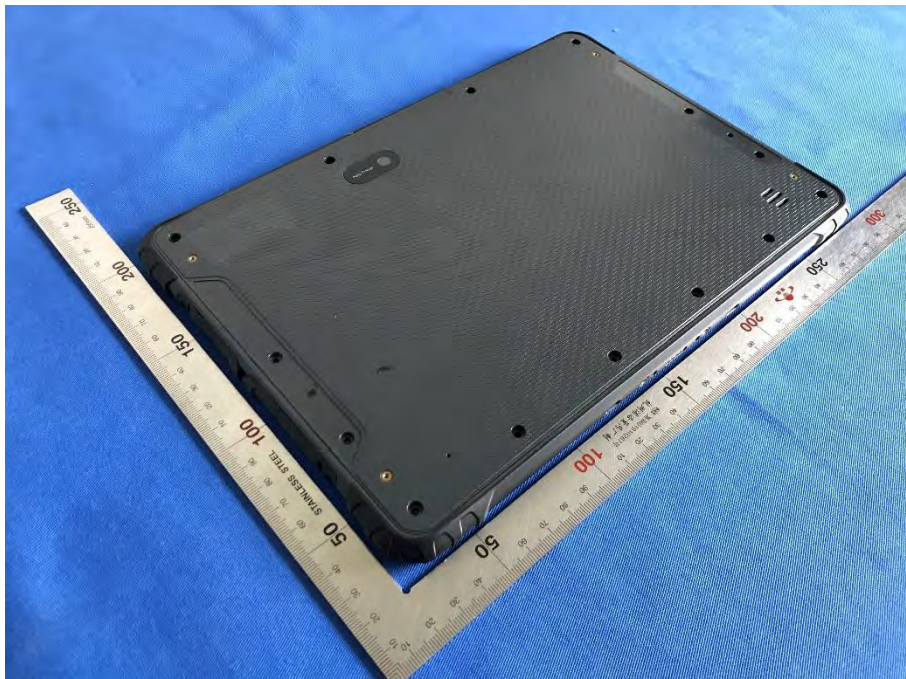
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5 Appendixes

5.1 Photographs of the Sample



Front of the sample



Rear of the sample

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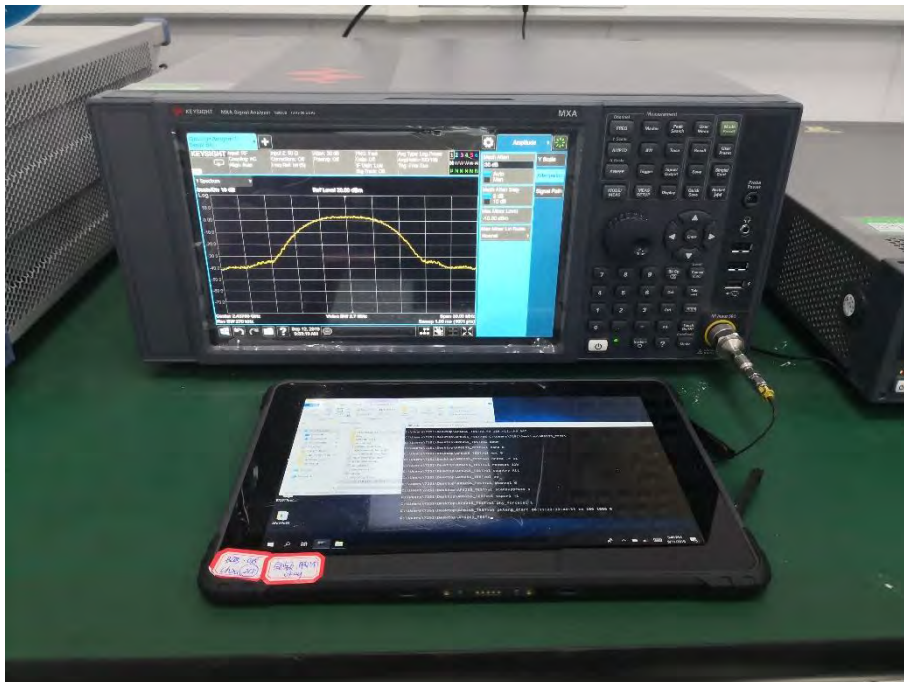
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5.2 Set-up for Conducted Emissions



5.3 Set-up for Conducted RF test at Antenna Port



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5.4 Set-up for Spurious Emissions below 1GHz



Below 1 GHz

5.5 Set-up for Spurious Emissions above 1GHz



Above 1GHz

End of the report