



RF Test Report

For

Applicant Name: Shenzhen annengxin technology co.,ltd
Address: Floor 3, Building 13, Futing Industrial Park, Fucheng Street, Longhua District, Shenzhen, Guangdong, China
EUT Name: Smart Switch
Brand Name: N/A
Model Number: AN-WDS01
Series Model Number: Refer to section 2

Issued By

Company name: BTF Testing Lab (Shenzhen) Co., Ltd.
Address: F101, 201 and 301, Building 1, Block 2, Tantou Industrial Park, Tantou Community, Songgang Street, Bao'an District, Shenzhen, China

Report number: BTF230228R00103
Test standards: FCC CFR Title 47 Part 15 Subpart C (§15.247)
FCC ID: 2BAF7-ANWDS01
Test conclusion: Pass
Date of sample receipt: 2025-04-16
Test date: 2025-04-16 to 2025-05-06
Date of issue: 2025-05-08

Test by:

Sean He
Sean He / Tester

Prepared by:

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Chris Liu/ Project engineer



Olic Huang

Olic Huang/EMC manager

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Test Report Number: BTF230228R00103

Revision History		
Version	Issue Date	Revisions Content
R_V0	2025-05-08	Original
<i>Note: Once the revision has been made, then previous versions reports are invalid.</i>		

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1 Introduction

1.1 Identification of Testing Laboratory

Company Name:	BTF Testing Lab (Shenzhen) Co., Ltd.
Address:	F101, 201 and 301, Building 1, Block 2, Tantou Industrial Park, Tantou Community, Songgang Street, Bao'an District, Shenzhen, China
Phone Number:	+86-0755-23146130
Fax Number:	+86-0755-23146130

1.2 Identification of the Responsible Testing Location

Company Name:	BTF Testing Lab (Shenzhen) Co., Ltd.
Address:	F101, 201 and 301, Building 1, Block 2, Tantou Industrial Park, Tantou Community, Songgang Street, Bao'an District, Shenzhen, China
Phone Number:	+86-0755-23146130
Fax Number:	+86-0755-23146130
FCC Registration Number:	518915
Designation Number:	CN1409

1.3 Announcement

- (1) The test report reference to the report template version v0.
- (2) The test report is invalid if not marked with the signatures of the persons responsible for preparing, reviewing and approving the test report.
- (3) The test report is invalid if there is any evidence and/or falsification.
- (4) This document may not be altered or revised in any way unless done so by BTF and all revisions are duly noted in the revisions section.
- (5) Content of the test report, in part or in full, cannot be used for publicity and/or promotional purposes without prior written approval from the laboratory.
- (6) The laboratory is only responsible for the data released by the laboratory, except for the part provided by the applicant.

2 Product Information

2.1 Application Information

Company Name:	Shenzhen annengxin technology co.,ltd
Address:	Floor 3, Building 13, Futing Industrial Park, Fucheng Street, Longhua District, Shenzhen, Guangdong, China

2.2 Manufacturer Information

Company Name:	Shenzhen annengxin technology co.,ltd
Address:	Floor 3, Building 13, Futing Industrial Park, Fucheng Street, Longhua District, Shenzhen, Guangdong, China

2.3 Factory Information

Company Name:	Shenzhen annengxin technology co.,ltd
Address:	Floor 3, Building 13, Futing Industrial Park, Fucheng Street, Longhua District, Shenzhen, Guangdong, China

2.4 General Description of Equipment under Test (EUT)

EUT Name:	Smart Switch
Test Model Number:	AN-WDS01
Series Model Number:	AN-WS01, AN-WS01L, AN-WCS01, AN-WFS01, AN-WFLS01, AN-WHS01, AN-WHS02, AN-WS02, AN-WS02L, AN-WS03, AN-WS03L, AN-WS04, AN-WS04L
Description of Model name differentiation:	Only the model name is different, everything else is the same.
Rating:	Voltage:AC 100-240v 50~60hz Output:400W

2.5 Technical Information

Power Supply:	AC100-240V 10A
Operation Frequency:	802.11b/g/n(HT20): 2412MHz to 2462MHz; 802.11n(HT40): 2422MHz to 2452MHz
Number of Channels:	802.11b/g/n(HT20): 11 Channels; 802.11n(HT40): 7 Channels
Modulation Type:	802.11b: DSSS(CCK, DQPSK, DBPSK); 802.11g: OFDM(BPSK, QPSK, 16QAM, 64QAM); 802.11n(HT20 and HT40): OFDM (BPSK, QPSK, 16QAM, 64QAM)
Antenna Type:	PCB ANT
Antenna Gain#:	1.3 dBi

Note:

#: The antenna gain provided by the applicant, and the laboratory will not be responsible for the accumulated calculation results which covers the information provided by the applicant.

Channel List:**For 802.11b/g/n(HT20)/ax(HE20)**

Channel	Frequency	Channel	Frequency	Channel	Frequency	Channel	Frequency
1	2412MHz	4	2427MHz	7	2442MHz	10	2457MHz
2	2417MHz	5	2432MHz	8	2447MHz	11	2462MHz
3	2422MHz	6	2437MHz	9	2452MHz	--	--

For 802.11n(HT40)/ax(HE40)

Channel	Frequency	Channel	Frequency	Channel	Frequency	Channel	Frequency
--	--	4	2427MHz	7	2442MHz	--	--
--	--	5	2432MHz	8	2447MHz	--	--
3	2422MHz	6	2437MHz	9	2452MHz		

3 Summary of Test Results

3.1 Test Standards

Identity	Document Title
FCC CFR Title 47 Part 15 Subpart C (§15.247)	Intentional Radiators - Operation within the bands 902–928 MHz, 2400–2483.5 MHz, and 5725–5850 MHz.
ANSI C63.10-2020	American National Standard of Procedures for Compliance Testing of Unlicensed Wireless Devices
KDB 558074 D01 15.247 Meas Guidance v05r02	Guidance for Compliance Measurements on Digital Transmission System, Frequency Hopping Spread Spectrum System, and Hybrid System Devices Operating Under Section 15.247 of The FCC Rules

3.2 Uncertainty of Test

Measurement	Value
Occupied Channel Bandwidth	±5 %
RF output power, conducted	±1.5 dB
Power Spectral Density, conducted	±3.0 dB
Unwanted Emissions, conducted	±3.0 dB
Supply voltages	±3 %
Time	±5 %
Radiated Emission (30MHz ~ 1000MHz)	±4.80 dB
Radiated Emission (1GHz ~ 18GHz)	±4.82 dB

The following measurement uncertainty levels have been estimated for tests performed on the EUT as specified in CISPR 16-4-2. This uncertainty represents an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor of k=2.

3.3 Summary of Test Result

Item	Standard	Requirement	Result
Antenna requirement	47 CFR Part 15.247	Part 15.203	Pass
Conducted Emission at AC power line	47 CFR Part 15.247	47 CFR 15.207(a)	Pass
Occupied Bandwidth	47 CFR Part 15.247	47 CFR 15.247(a)(2)	Pass
Maximum Conducted Output Power	47 CFR Part 15.247	47 CFR 15.247(b)(3)	Pass
Power Spectral Density	47 CFR Part 15.247	47 CFR 15.247(e)	Pass
Emissions in non-restricted frequency bands	47 CFR Part 15.247	47 CFR 15.247(d)	Pass
Band edge emissions (Radiated)	47 CFR Part 15.247	47 CFR 15.247(d)	Pass
Emissions in restricted frequency bands (below 1GHz)	47 CFR Part 15.247	47 CFR 15.247(d)	Pass
Emissions in restricted frequency bands (above 1GHz)	47 CFR Part 15.247	47 CFR 15.247(d)	Pass

4 Test Configuration

4.1 Test Equipment List

Radiated test method					
Test Equipment	Manufacturer	Model	Serial No.	Cal. Date	Cal. Due
EMI Receiver	Rohde & Schwarz	ESCI7	101032	2024/10/25	2025/10/24
Signal Analyzer	Rohde & Schwarz	FSQ40	100010	2024/10/25	2025/10/24
Log periodic antenna	Schwarzbeck	VULB 9168	01328	2024/10/28	2025/10/27
Preamplifier (30MHz ~ 1GHz)	Schwarzbeck	BBV9744	00246	2024/09/24	2025/09/23
Horn Antenna (1GHz ~18GHz)	Schwarzbeck	BBHA9120D	2597	2024/10/30	2025/10/29
Horn Antenna (15GHz ~ 40GHz)	SCHWARZBECK	BBHA9170	1157	2024/10/24	2025/10/23
Preamplifier (1GHz ~ 40GHz)	TST Pass	LNA10180G45	246	2024/09/24	2025/09/23
Test Software	Frad	EZ EMC	Version: FA-03A2 RE+		

Conducted Emission Test					
Description	Manufacturer	Model	Serial No.	Cal. Date	Cal. Due
EMI Receiver	Rohde & Schwarz	ESCI3	101422	2024/10/25	2025/10/24
V-LISN	Schwarzbeck	NSLK 8127	01073	2024/10/25	2025/10/24
Coaxial Switcher	Schwarzbeck	CX210	CX210	/	/
Pulse Limiter	Schwarzbeck	VTSD 9561-F	00953	/	/
Test Software	Frad	EZ EMC	Version: EMC-CON 3A1.1+		

Conducted test method					
Description	Manufacturer	Model	Serial No.	Cal. Date	Cal. Due
Spectrum Analyzer	Keysight	N9020A	MY50410020	2024/10/25	2025/10/24
ESG Vector Signal Generator	Agilent	E4438C	MY45094854	2024/10/25	2025/10/24
MXG Vector Signal Generator	Agilent	N5182A	MY46240163	2024/10/25	2025/10/24
Wideband Radio Communication Tester	Rohde&Schwarz	CMW500	161997	2024/10/25	2025/10/24
Temperature Humidity Chamber	ZZCKONG	ZZ-K02A	20210928007	2024/10/25	2025/10/24
DC Power Supply	Tongmen	etm-6050c	20211026123	2024/10/25	2025/10/24
RF Control Unit	Techy	TR1029-1	/	2024/10/25	2025/10/24
RF Sensor Unit	Techy	TR1029-2	/	2024/10/25	2025/10/24
Test Software	TST Pass	/	Version: 2.0		

4.2 Test Auxiliary Equipment

The EUT was tested as an independent device.

4.3 Test Modes

No.	Test Modes	Description
TM1	802.11b mode	Keep the EUT in 802.11b transmitting mode.
TM2	802.11g mode	Keep the EUT in 802.11g transmitting mode.

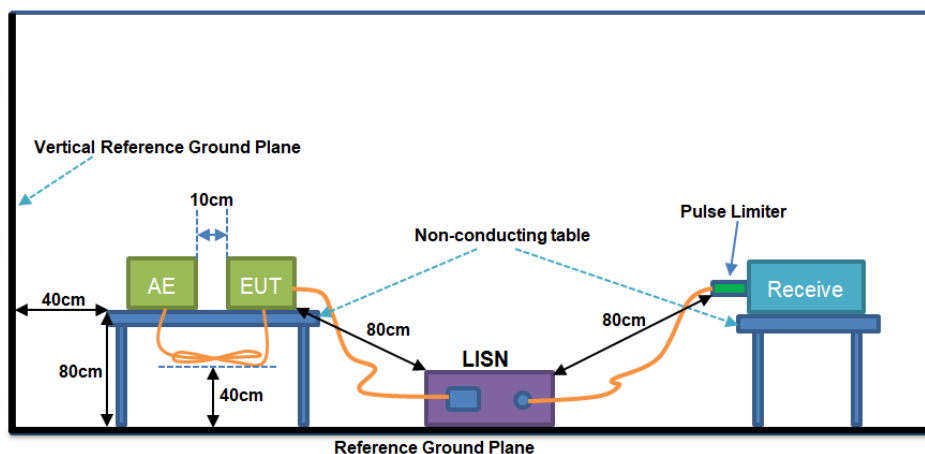
TM3	802.11n(HT20) mode	Keep the EUT in 802.11n(HT20) transmitting mode.
TM4	802.11n(HT40) mode	Keep the EUT in 802.11n(HT40) transmitting mode.

4.4 Test software

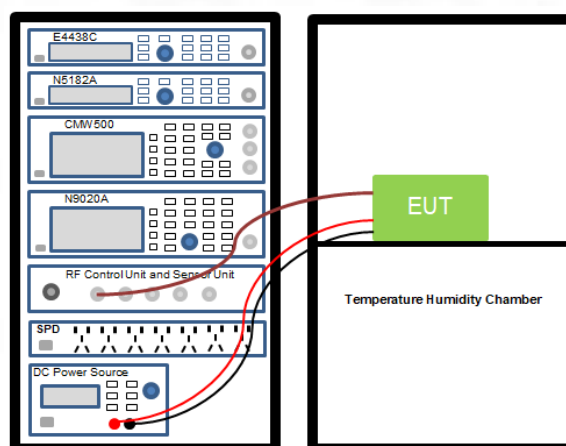
Test software:	FCC assist	Version:	1.0.0.2
Power Class:	15		

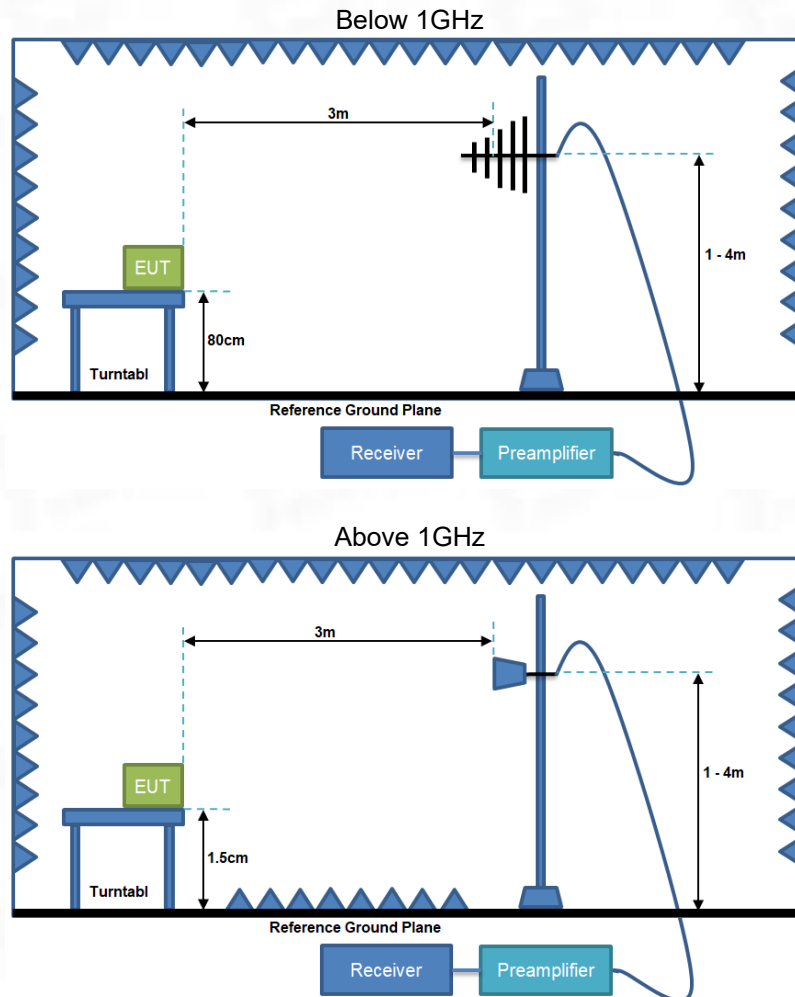
4.5 Test Setup Block

1) Conducted emission measurement:



2) Conducted test method:



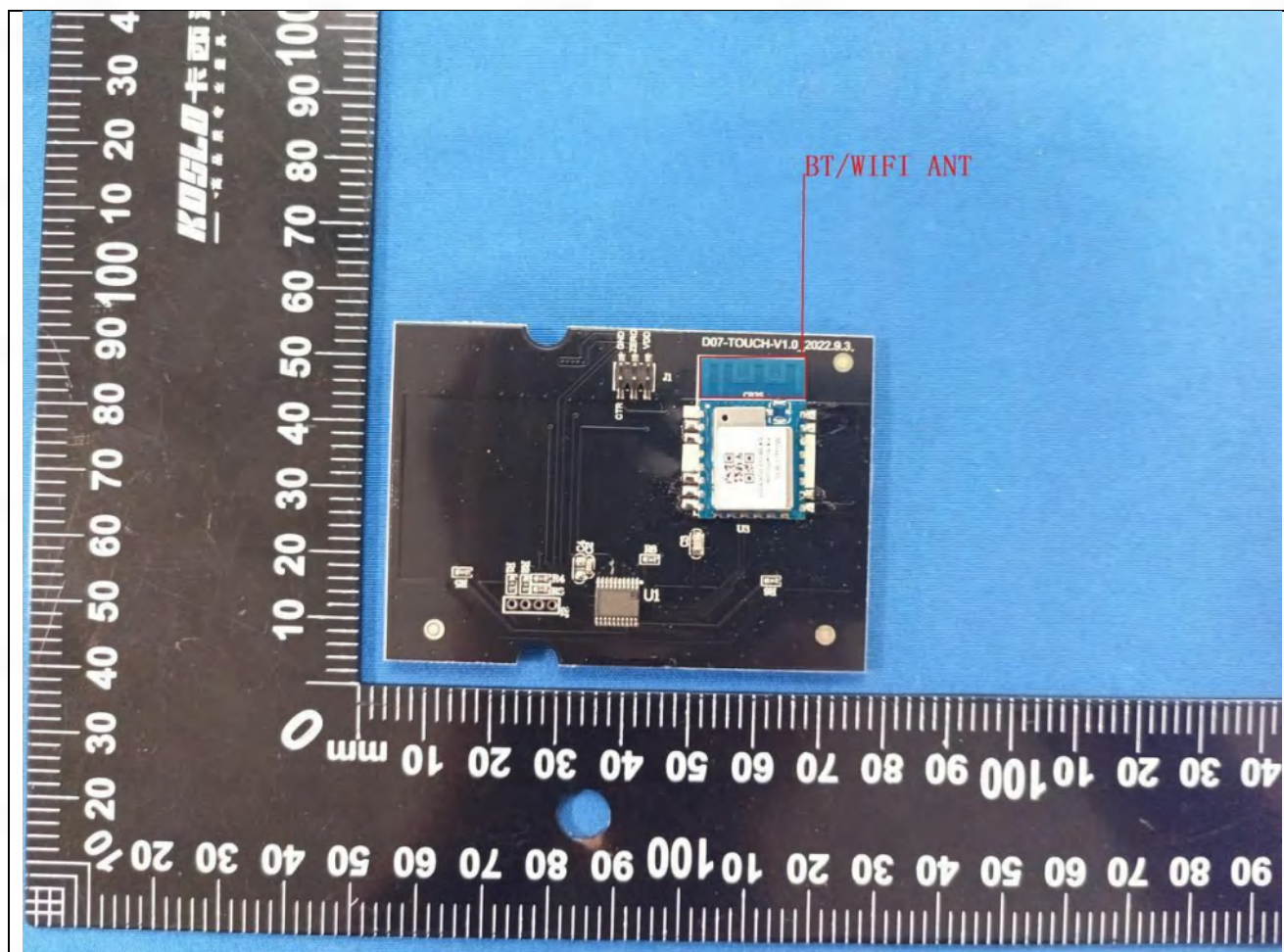
3) Radiated test method:

5 Evaluation Results (Evaluation)

5.1 Antenna requirement

Test Requirement:	An intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device. The use of a permanently attached antenna or of an antenna that uses a unique coupling to the intentional radiator shall be considered sufficient to comply with the provisions of this section.
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5.1.1 Conclusion:



6 Radio Spectrum Matter Test Results (RF)

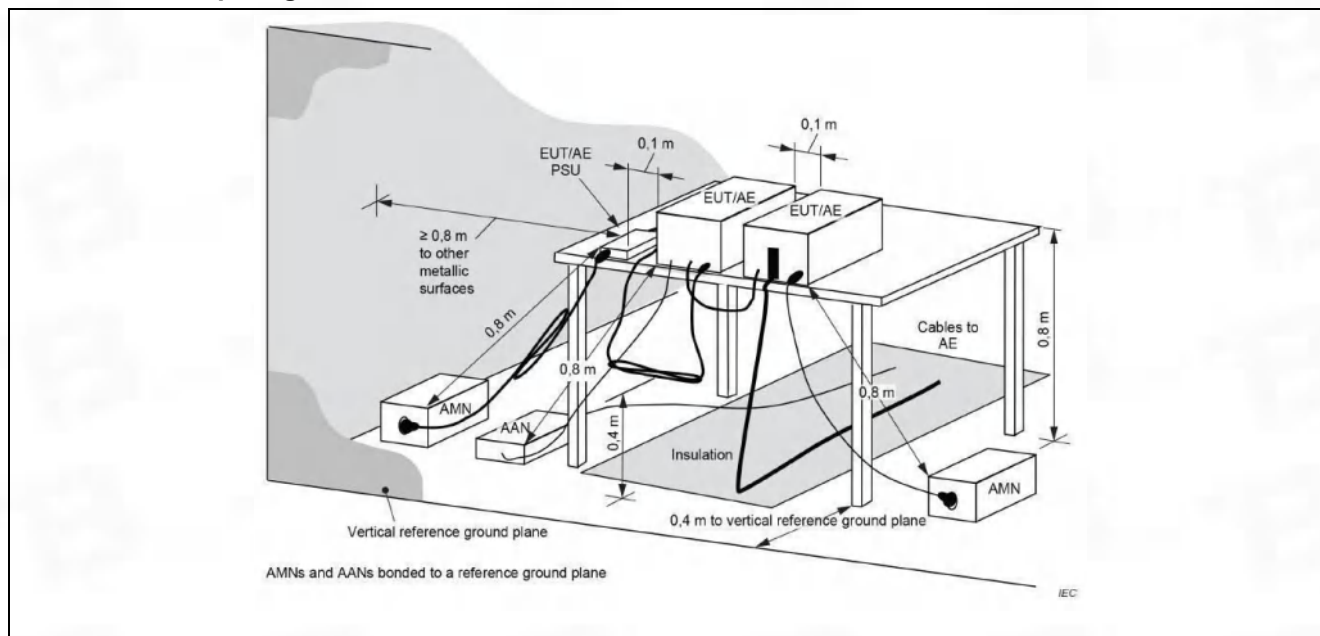
6.1 Conducted Emission at AC power line

Test Requirement:	Except as shown in paragraphs (b) and (c) of this section, for an intentional radiator that is designed to be connected to the public utility (AC) power line, the radio frequency voltage that is conducted back onto the AC power line on any frequency or frequencies, within the band 150 kHz to 30 MHz, shall not exceed the limits in the following table, as measured using a 50 μ H/50 ohms line impedance stabilization network (LISN).		
Test Method:	Refer to ANSI C63.10-2020 section 6.2, standard test method for ac power-line conducted emissions from unlicensed wireless devices		
Test Limit:	Frequency of emission (MHz)	Conducted limit (dB μ V)	
		Quasi-peak	Average
	0.15-0.5	66 to 56*	56 to 46*
	0.5-5	56	46
	5-30	60	50
*Decreases with the logarithm of the frequency.			

6.1.1 E.U.T. Operation:

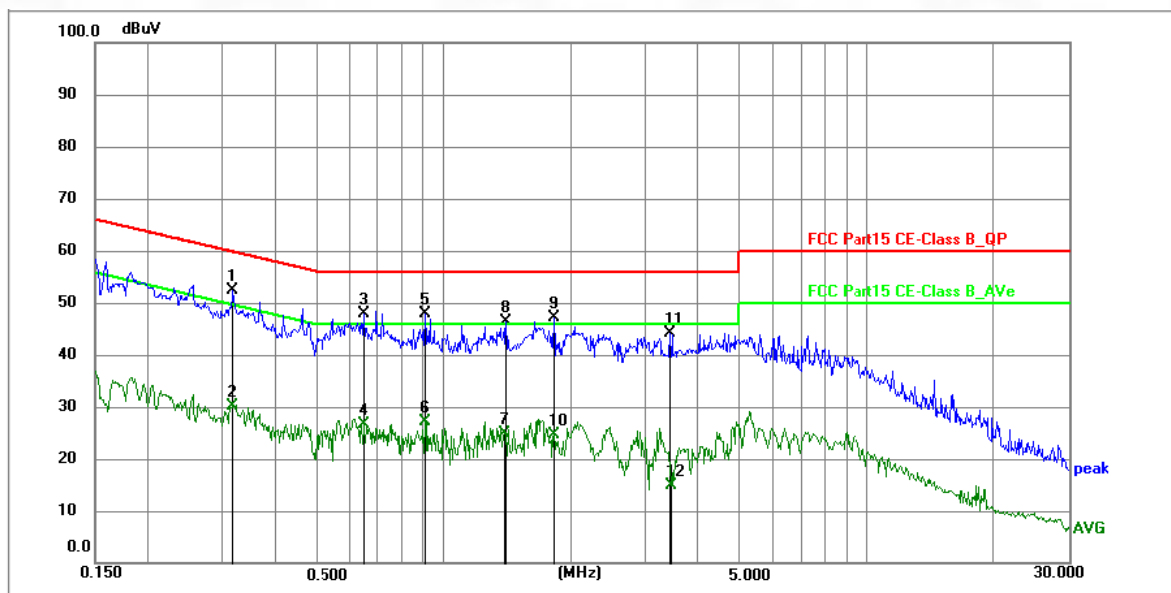
Operating Environment:	
Temperature:	22.6 °C
Humidity:	54.8 %
Atmospheric Pressure:	1010 hpa
Test Voltage	AC 120V 60Hz

6.1.2 Test Setup Diagram:



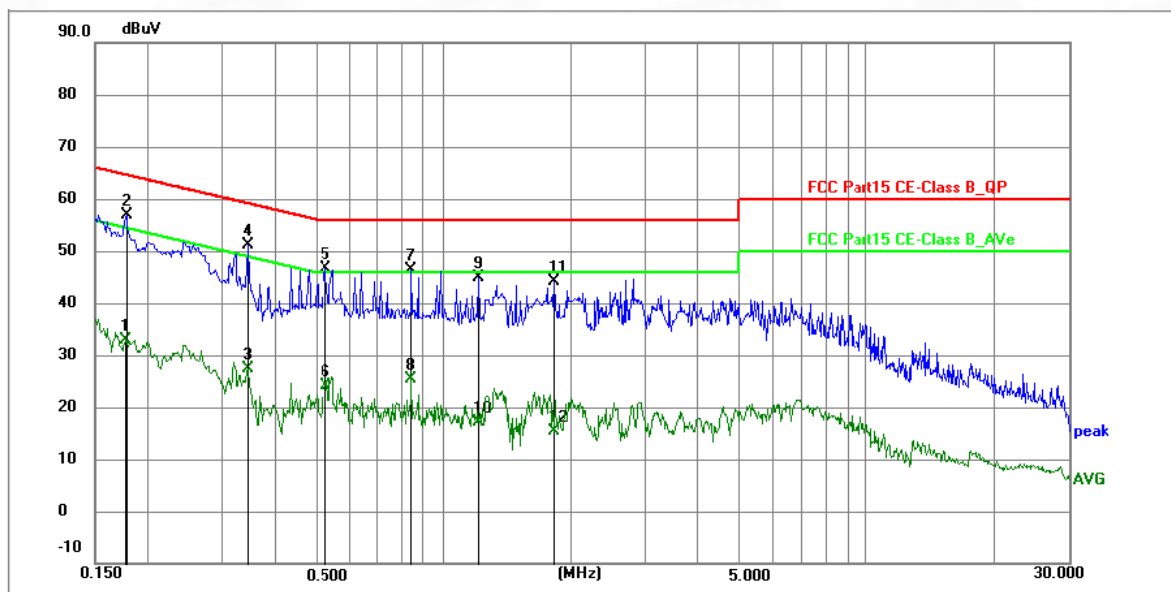
6.1.3 Test Data:

TM1 / Line: Line / Band: 2.4G / BW: 20 / CH: M



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector	P/F	Remark
1 *	0.3165	41.71	10.62	52.33	59.80	-7.47	peak	P	
2	0.3165	19.56	10.62	30.18	49.80	-19.62	AVG	P	
3	0.6491	37.29	10.69	47.98	56.00	-8.02	peak	P	
4	0.6508	16.04	10.71	26.75	46.00	-19.25	AVG	P	
5	0.9060	37.15	10.76	47.91	56.00	-8.09	peak	P	
6	0.9060	16.30	10.76	27.06	46.00	-18.94	AVG	P	
7	1.4010	14.13	10.74	24.87	46.00	-21.13	AVG	P	
8	1.4100	35.71	10.74	46.45	56.00	-9.55	peak	P	
9	1.8240	36.30	10.71	47.01	56.00	-8.99	peak	P	
10	1.8240	14.01	10.71	24.72	46.00	-21.28	AVG	P	
11	3.4214	40.45	3.61	44.06	56.00	-11.94	peak	P	
12	3.4485	11.44	3.48	14.92	46.00	-31.08	AVG	P	

TM1 / Line: Neutral / Band: 2.4G / BW: 20 / CH: M



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector	P/F	Remark
1	0.1766	22.28	10.57	32.85	54.64	-21.79	AVG	P	
2 *	0.1770	46.23	10.57	56.80	64.63	-7.83	peak	P	
3	0.3427	16.65	10.62	27.27	49.14	-21.87	AVG	P	
4	0.3435	40.56	10.62	51.18	59.12	-7.94	peak	P	
5	0.5231	36.12	10.62	46.74	56.00	-9.26	peak	P	
6	0.5231	13.56	10.62	24.18	46.00	-21.82	AVG	P	
7	0.8430	35.71	10.75	46.46	56.00	-9.54	peak	P	
8	0.8430	14.60	10.75	25.35	46.00	-20.65	AVG	P	
9	1.2120	34.04	10.76	44.80	56.00	-11.20	peak	P	
10	1.2120	6.35	10.76	17.11	46.00	-28.89	AVG	P	
11	1.8191	33.50	10.71	44.21	56.00	-11.79	peak	P	
12	1.8191	4.70	10.71	15.41	46.00	-30.59	AVG	P	

Note:Margin=Level-Limit=Reading+factor-Limit

6.2 Occupied Bandwidth

Test Requirement:	Systems using digital modulation techniques may operate in the 902-928 MHz, and 2400-2483.5 MHz bands. The minimum 6 dB bandwidth shall be at least 500 kHz.
Test Method:	DTS bandwidth
Test Limit:	Section (a)(2), Systems using digital modulation techniques may operate in the 902-928 MHz, and 2400-2483.5 MHz bands. The minimum 6 dB bandwidth shall be at least 500 kHz.
Procedure:	a) Set RBW = 100 kHz. b) Set the VBW $\geq [3 \times \text{RBW}]$. c) Detector = peak. d) Trace mode = max hold. e) Sweep = auto couple. f) Allow the trace to stabilize. g) Measure the maximum width of the emission that is constrained by the frequencies associated with the two outermost amplitude points (upper and lower frequencies) that are attenuated by 6 dB relative to the maximum level measured in the fundamental emission.

6.2.1 E.U.T. Operation:

Operating Environment:	
Temperature:	24.1 °C
Humidity:	53.5 %
Atmospheric Pressure:	1010 hpa
Test Voltage	DC 5V

6.2.2 Test Data:

Please Refer to Appendix for Details.

6.3 Maximum Conducted Output Power

Test Requirement:	For systems using digital modulation in the 902-928 MHz, 2400-2483.5 MHz, and 5725-5850 MHz bands: 1 Watt. As an alternative to a peak power measurement, compliance with the one Watt limit can be based on a measurement of the maximum conducted output power. Maximum Conducted Output Power is defined as the total transmit power delivered to all antennas and antenna elements averaged across all symbols in the signaling alphabet when the transmitter is operating at its maximum power control level. Power must be summed across all antennas and antenna elements. The average must not include any time intervals during which the transmitter is off or is transmitting at a reduced power level. If multiple modes of operation are possible (e.g., alternative modulation methods), the maximum conducted output power is the highest total transmit power occurring in any mode.
Test Method:	Maximum peak conducted output power
Test Limit:	For systems using digital modulation in the 902-928 MHz, 2400-2483.5 MHz, and 5725-5850 MHz bands: 1 Watt. As an alternative to a peak power measurement, compliance with the one Watt limit can be based on a measurement of the maximum conducted output power. Maximum Conducted Output Power is defined as the total transmit power delivered to all antennas and antenna elements averaged across all symbols in the signaling alphabet when the transmitter is operating at its maximum power control level. Power must be summed across all antennas and antenna elements. The average must not include any time intervals during which the transmitter is off or is transmitting at a reduced power level. If multiple modes of operation are possible (e.g., alternative modulation methods), the maximum conducted output power is the highest total transmit power occurring in any mode.
Procedure:	ANSI C63.10-2020, section 11.9.1 Maximum peak conducted output power

6.3.1 E.U.T. Operation:

Operating Environment:	
Temperature:	24.1 °C
Humidity:	53.5 %
Atmospheric Pressure:	1010 hpa
Test Voltage	DC 5V

6.3.2 Test Data:

Please Refer to Appendix for Details.

6.4 Power Spectral Density

Test Requirement:	For digitally modulated systems, the power spectral density conducted from the intentional radiator to the antenna shall not be greater than 8 dBm in any 3 kHz band during any time interval of continuous transmission. This power spectral density shall be determined in accordance with the provisions of paragraph (b) of this section. The same method of determining the conducted output power shall be used to determine the power spectral density.
Test Method:	Maximum power spectral density level in the fundamental emission
Test Limit:	For digitally modulated systems, the power spectral density conducted from the intentional radiator to the antenna shall not be greater than 8 dBm in any 3 kHz band during any time interval of continuous transmission. This power spectral density shall be determined in accordance with the provisions of paragraph (b) of this section. The same method of determining the conducted output power shall be used to determine the power spectral density.

6.4.1 E.U.T. Operation:

Operating Environment:	
Temperature:	24.1 °C
Humidity:	53.5 %
Atmospheric Pressure:	1010 hpa
Test Voltage	DC 5V

6.4.2 Test Data:

Please Refer to Appendix for Details.

6.5 Emissions in non-restricted frequency bands

Test Requirement:	In any 100 kHz bandwidth outside the frequency band in which the spread spectrum or digitally modulated intentional radiator is operating, the radio frequency power that is produced by the intentional radiator shall be at least 20 dB below that in the 100 kHz bandwidth within the band that contains the highest level of the desired power, based on either an RF conducted or a radiated measurement, provided the transmitter demonstrates compliance with the peak conducted power limits. If the transmitter complies with the conducted power limits based on the use of RMS averaging over a time interval, as permitted under paragraph (b)(3) of this section, the attenuation required under this paragraph shall be 30 dB instead of 20 dB. Attenuation below the general limits specified in § 15.209(a) is not required.
Test Method:	Emissions in nonrestricted frequency bands
Test Limit:	In any 100 kHz bandwidth outside the frequency band in which the spread spectrum or digitally modulated intentional radiator is operating, the radio frequency power that is produced by the intentional radiator shall be at least 20 dB below that in the 100 kHz bandwidth within the band that contains the highest level of the desired power, based on either an RF conducted or a radiated measurement, provided the transmitter demonstrates compliance with the peak conducted power limits. If the transmitter complies with the conducted power limits based on the use of RMS averaging over a time interval, as permitted under paragraph (b)(3) of this section, the attenuation required under this paragraph shall be 30 dB instead of 20 dB. Attenuation below the general limits specified in § 15.209(a) is not required.
Procedure:	ANSI C63.10-2020 Section 11.11.1, Section 11.11.2, Section 11.11.3

6.5.1 E.U.T. Operation:

Operating Environment:	
Temperature:	24.1 °C
Humidity:	53.5 %
Atmospheric Pressure:	1010 hpa
Test Voltage	DC 5V

6.5.2 Test Data:

Please Refer to Appendix for Details.

6.6 Band edge emissions (Radiated)

Test Requirement:	In addition, radiated emissions which fall in the restricted bands, as defined in § 15.205(a), must also comply with the radiated emission limits specified in § 15.209(a)(see § 15.205(c)).`		
Test Method:	Radiated emissions tests		
Test Limit:	Frequency (MHz)	Field strength (microvolts/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
** Except as provided in paragraph (g), fundamental emissions from intentional radiators operating under this section shall not be located in the frequency bands 54-72 MHz, 76-88 MHz, 174-216 MHz or 470-806 MHz. However, operation within these frequency bands is permitted under other sections of this part, e.g., §§ 15.231 and 15.241.			
Procedure:	ANSI C63.10-2020 section 6.10.5.2		

6.6.1 E.U.T. Operation:

Operating Environment:	
Temperature:	23.6 °C
Humidity:	45.3 %
Atmospheric Pressure:	1010 hpa
Test Voltage	AC 120V 60Hz

6.6.2 Test Data:

Remark: During the test, pre-scan 802.11b,802.11g, 802.11n20, 802.11n40 mode, found 802.11n40 was worse case mode. The report only reflects the test data of worst mode.

Test Mode: 802.11n-HT40							
Test Channel: Lowest channel, Test Polarization: Vertical							
Frequency (MHz)	Reading (dBμV)	Factor (dB)	Level (dBμV/m)	Limit (dBμV/m)	Marging (dB)	Detector	Result
2310.00	90.31	-43.68	46.63	74.00	-27.37	peak	Pass
2310.00	78.62	-43.68	34.94	54.00	-19.06	AV	Pass
2390.00	91.74	-43.64	48.10	74.00	-25.90	peak	Pass
2390.00	76.39	-43.64	32.75	54.00	-21.25	AV	Pass
Test Channel: Lowest channel, Test Polarization: Horizontal							
Frequency (MHz)	Reading (dBμV)	Factor (dB)	Level (dBμV/m)	Limit (dBμV/m)	Marging (dB)	Detector	Result
2310.00	90.63	-43.68	46.95	74.00	-27.05	peak	Pass
2310.00	75.69	-43.68	32.01	54.00	-21.99	AV	Pass
2390.00	93.06	-43.64	49.42	74.00	-24.58	peak	Pass
2390.00	88.95	-43.64	45.31	54.00	-8.69	AV	Pass
Test Channel: Highest channel, Test Polarization: Vertical							
Frequency (MHz)	Reading (dBμV)	Factor (dB)	Level (dBμV/m)	Limit (dBμV/m)	Marging (dB)	Detector	Result
2483.50	91.44	-43.58	47.86	74.00	-26.14	peak	Pass
2483.50	78.62	-43.58	35.04	54.00	-18.96	AV	Pass
2500.00	89.87	-43.54	46.33	74.00	-27.67	peak	Pass
2500.00	74.62	-43.54	31.08	54.00	-22.92	AV	Pass
Test Channel: Highest channel, Test Polarization: Horizontal							
Frequency (MHz)	Reading (dBμV)	Factor (dB)	Level (dBμV/m)	Limit (dBμV/m)	Marging (dB)	Detector	Result
2483.50	91.26	-43.58	47.68	74.00	-26.32	peak	Pass
2483.50	85.69	-43.58	42.11	54.00	-11.89	AV	Pass
2500.00	89.48	-43.54	45.94	74.00	-28.06	peak	Pass
2500.00	82.69	-43.54	39.15	54.00	-14.85	AV	Pass

Note:Margin=Level-Limit=Reading+factor-Limit

6.7 Emissions in restricted frequency bands (below 1GHz)

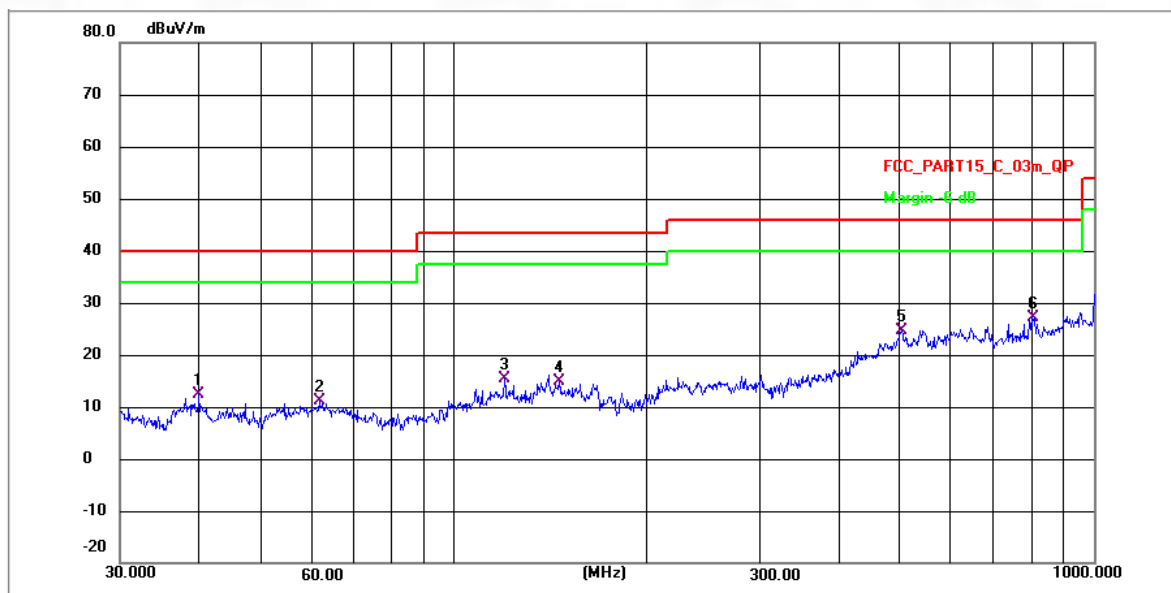
Test Requirement:	In addition, radiated emissions which fall in the restricted bands, as defined in § 15.205(a), must also comply with the radiated emission limits specified in § 15.209(a)(see § 15.205(c)).`		
Test Method:	Radiated emissions tests		
Test Limit:	Frequency (MHz)	Field strength (microvolts/meter)	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
** Except as provided in paragraph (g), fundamental emissions from intentional radiators operating under this section shall not be located in the frequency bands 54-72 MHz, 76-88 MHz, 174-216 MHz or 470-806 MHz. However, operation within these frequency bands is permitted under other sections of this part, e.g., §§ 15.231 and 15.241.			
Procedure:	ANSI C63.10-2020 section 6.6.4		

6.7.1 E.U.T. Operation:

Operating Environment:	
Temperature:	23.6 °C
Humidity:	45.3 %
Atmospheric Pressure:	1010 hpa
Test Voltage	AC 120V 60Hz

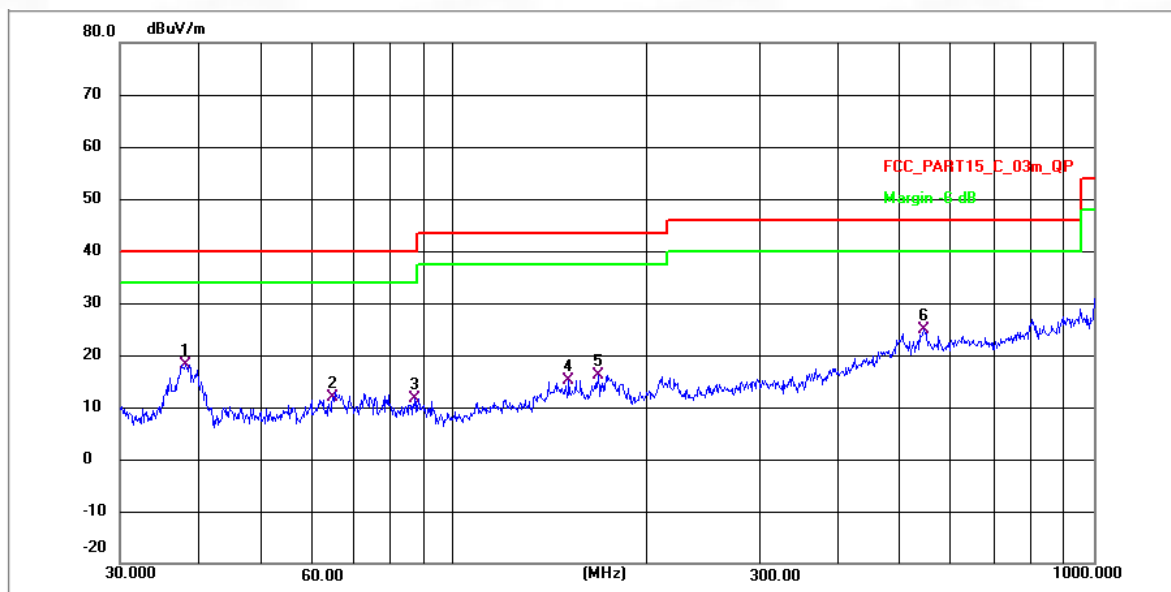
6.7.2 Test Data:

TM1 / Polarization: Horizontal / Band: 2.4G / BW: 20 / CH: M



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F
1	39.9941	30.89	-18.40	12.49	40.00	-27.51	QP	P
2	61.5617	29.40	-18.17	11.23	40.00	-28.77	QP	P
3	120.0660	43.54	-28.05	15.49	43.50	-28.01	QP	P
4	145.8610	42.58	-27.82	14.76	43.50	-28.74	QP	P
5	502.9395	45.71	-21.17	24.54	46.00	-21.46	QP	P
6 *	808.8459	50.82	-23.57	27.25	46.00	-18.75	QP	P

TM1 / Polarization: Vertical / Band: 2.4G / BW: 20 / CH: M



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F
1	38.0782	38.65	-20.57	18.08	40.00	-21.92	QP	P
2	64.6594	31.87	-20.08	11.79	40.00	-28.21	QP	P
3	87.1115	41.86	-30.35	11.51	40.00	-28.49	QP	P
4	151.3316	42.82	-27.77	15.05	43.50	-28.45	QP	P
5	167.8240	43.73	-27.62	16.11	43.50	-27.39	QP	P
6 *	545.1825	46.39	-21.61	24.78	46.00	-21.22	QP	P

Note:Margin=Level-Limit=Reading+factor-Limit

6.8 Emissions in restricted frequency bands (above 1GHz)

Test Requirement:	In addition, radiated emissions which fall in the restricted bands, as defined in § 15.205(a), must also comply with the radiated emission limits specified in § 15.209(a)(see § 15.205(c)).`		
Test Method:	Radiated emissions tests		
Test Limit:	Frequency (MHz)	Field strength (microvolts/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
** Except as provided in paragraph (g), fundamental emissions from intentional radiators operating under this section shall not be located in the frequency bands 54-72 MHz, 76-88 MHz, 174-216 MHz or 470-806 MHz. However, operation within these frequency bands is permitted under other sections of this part, e.g., §§ 15.231 and 15.241.			
Procedure:	ANSI C63.10-2020 section 6.6.4		

6.8.1 E.U.T. Operation:

Operating Environment:	
Temperature:	23.6 °C
Humidity:	45.3 %
Atmospheric Pressure:	1010 hpa
Test Voltage	AC 120V 60Hz

6.8.2 Test Data:

Remark: During the test, pre-scan 802.11b, 802.11g, 802.11n20, 802.11n40 mode, found 802.11n40 was worse case mode. The report only reflects the test data of worst mode.

TM1 / Polarization: Horizontal / Band: 2.4G / BW: 40 / CH: L

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F
1	4824.000	93.34	-48.83	44.51	74.00	-29.49	peak	P
2	4824.000	91.91	-48.83	43.08	54.00	-10.92	AV	P
3	7236.000	91.91	-46.88	45.03	74.00	-28.97	peak	P
4	7236.000	91.91	-46.88	45.03	54.00	-8.97	AV	P

TM1 / Polarization: Vertical / Band: 2.4G / BW: 40 / CH: L

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F
1	4824.000	94.26	-48.83	45.43	74.00	-28.57	peak	P
2	4824.000	92.73	-48.83	43.90	54.00	-10.10	AV	P
3	7236.000	92.73	-46.88	45.85	74.00	-28.15	peak	P
4	7236.000	90.04	-46.88	43.16	54.00	-10.84	AV	P

TM1 / Polarization: Horizontal / Band: 2.4G / BW: 40 / CH: M

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	74.00	Margin (dB)	Detector	P/F
1	4874.000	93.90	-48.82	45.08	54.00	-8.92	peak	P
2	4874.000	93.90	-48.82	45.08	74.00	-28.92	AV	P
3	7311.000	92.47	-46.87	45.60	54.00	-8.40	peak	P
4	7311.000	92.47	-46.87	45.60	74.00	-28.40	AV	P

TM1 / Polarization: Vertical / Band: 2.4G / BW: 40 / CH: M

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F
1	4874.000	94.64	-48.83	45.81	74.00	-28.19	peak	P
2	9748.000	94.64	-48.83	45.81	54.00	-8.19	AV	P
3	7311.000	93.11	-46.88	46.23	74.00	-27.77	peak	P
4	14622.000	93.11	-46.88	46.23	54.00	-7.77	AV	P

TM1 / Polarization: Horizontal / Band: 2.4G / BW: 40 / CH: H

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F
1	4904.000	94.48	-48.71	45.77	74.00	-28.23	peak	P
2	4904.000	93.05	-48.71	44.34	54.00	-9.66	AV	P
3	7356.000	93.05	-46.76	46.29	74.00	-27.71	peak	P
4	7356.000	93.05	-46.76	46.29	54.00	-7.71	AV	P

TM1 / Polarization: Vertical / Band: 2.4G / BW: 40 / CH: H

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F
1	4904.000	95.18	-48.71	46.47	74.00	-27.53	peak	P
2	4904.000	93.65	-48.71	44.94	54.00	-9.06	AV	P
3	7356.000	93.65	-46.76	46.89	74.00	-27.11	peak	P
4	7356.000	93.40	-46.76	46.64	54.00	-7.36	AV	P

Note:Margin=Level-Limit=Reading+factor-Limit

Appendix

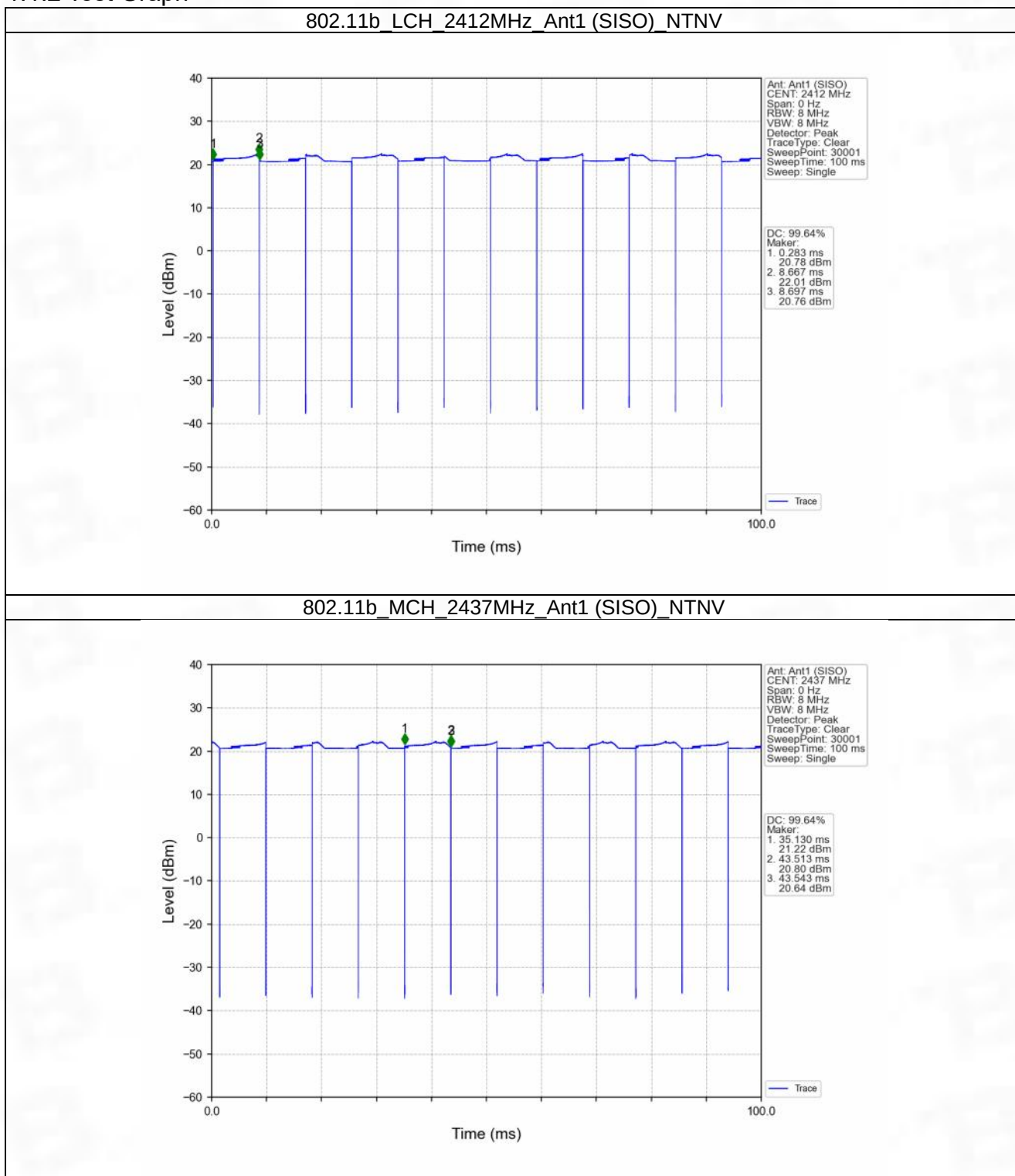
1. Duty Cycle

1.1 Ant1

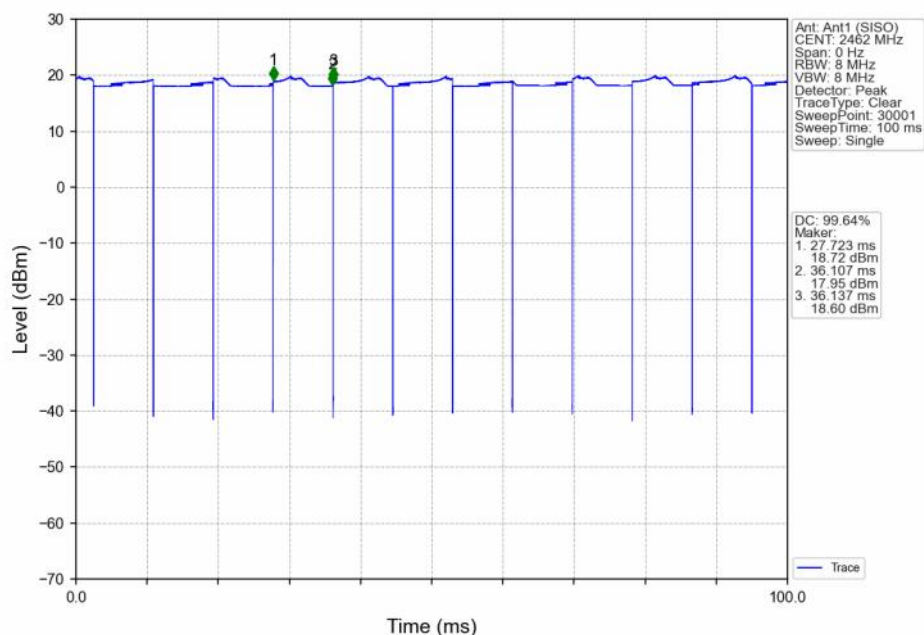
1.1.1 Test Result

Ant1							
Mode	Tx Type	Frequency (MHz)	T_on (ms)	Period (ms)	Duty Cycle (%)	Duty Cycle Correction Factor (dB)	Max. DC Variation (%)
802.11b	SISO	2412	8.384	8.414	99.64	0.02	0.04
		2437	8.383	8.413	99.64	0.02	0.04
		2462	8.384	8.414	99.64	0.02	0.04
802.11g	SISO	2412	1.392	1.428	97.48	0.11	0.03
		2437	1.392	1.428	97.48	0.11	0.03
		2462	1.394	1.428	97.62	0.10	0.03
802.11n (HT20)	SISO	2412	1.300	1.336	97.31	0.12	0.07
		2437	1.301	1.336	97.38	0.12	0.04
		2462	1.302	1.336	97.46	0.11	0.03
802.11n (HT40)	SISO	2422	0.648	0.682	95.01	0.22	0.03
		2437	0.649	0.683	95.02	0.22	0.03
		2452	0.649	0.683	95.02	0.22	0.07

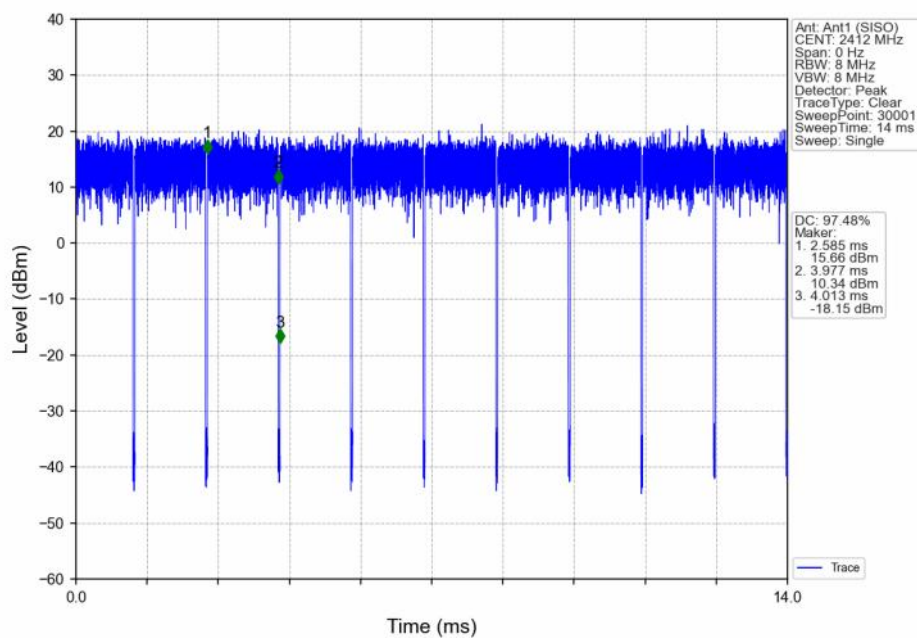
1.1.2 Test Graph



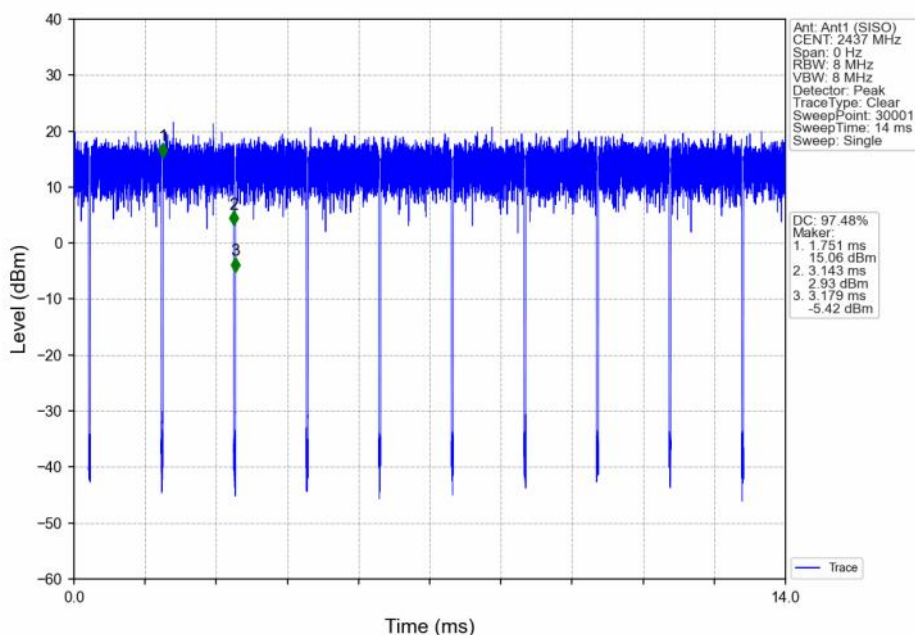
802.11b_HCH_2462MHz_Ant1 (SISO)_NTNV



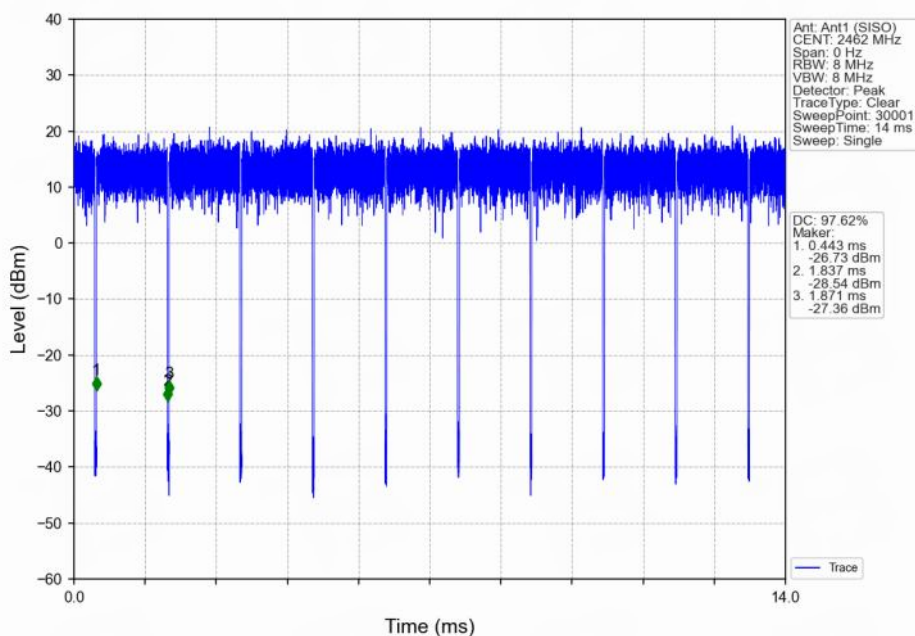
802.11g_LCH_2412MHz_Ant1 (SISO)_NTNV



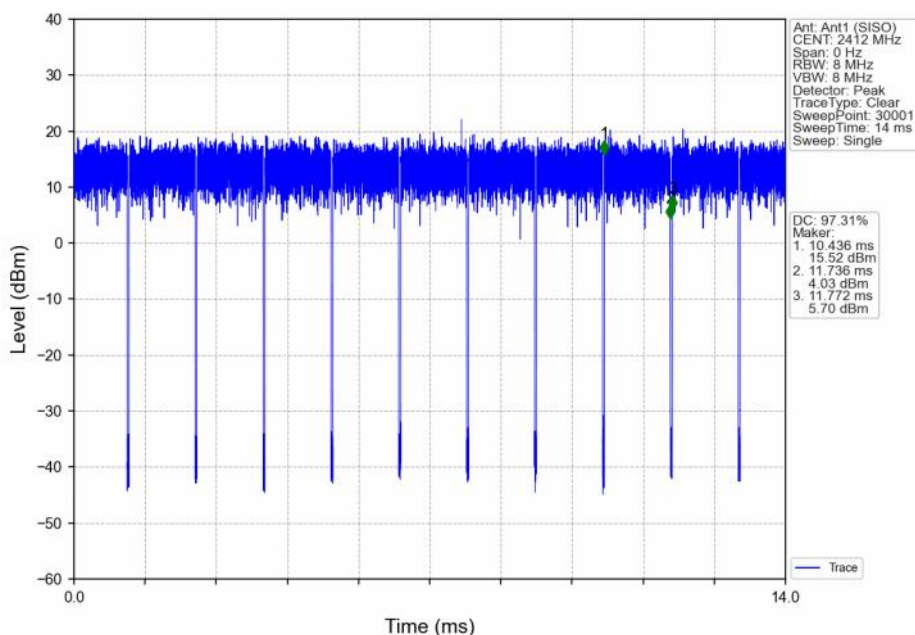
802.11g_MCH_2437MHz_Ant1 (SISO)_NTNV



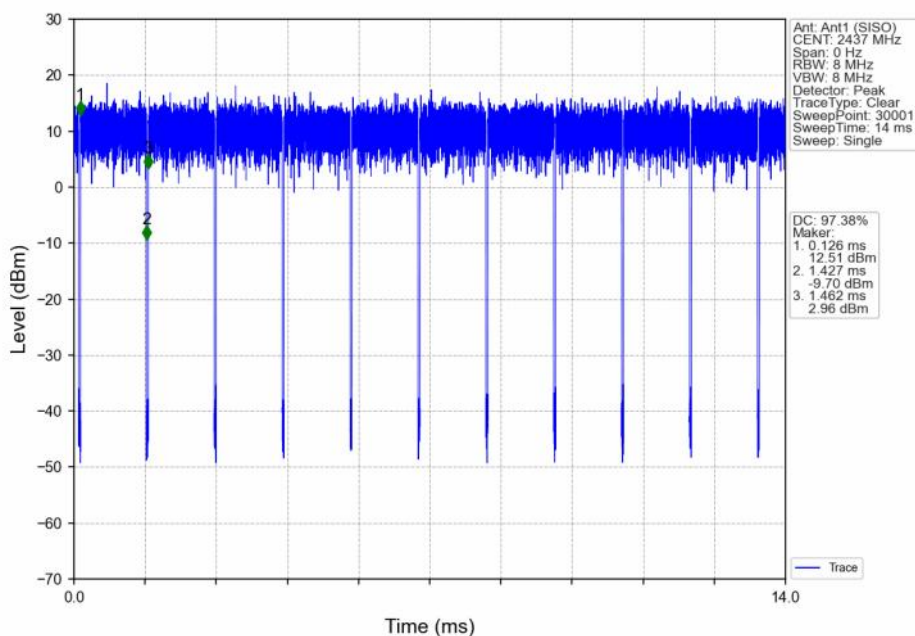
802.11g_HCH_2462MHz_Ant1 (SISO)_NTNV



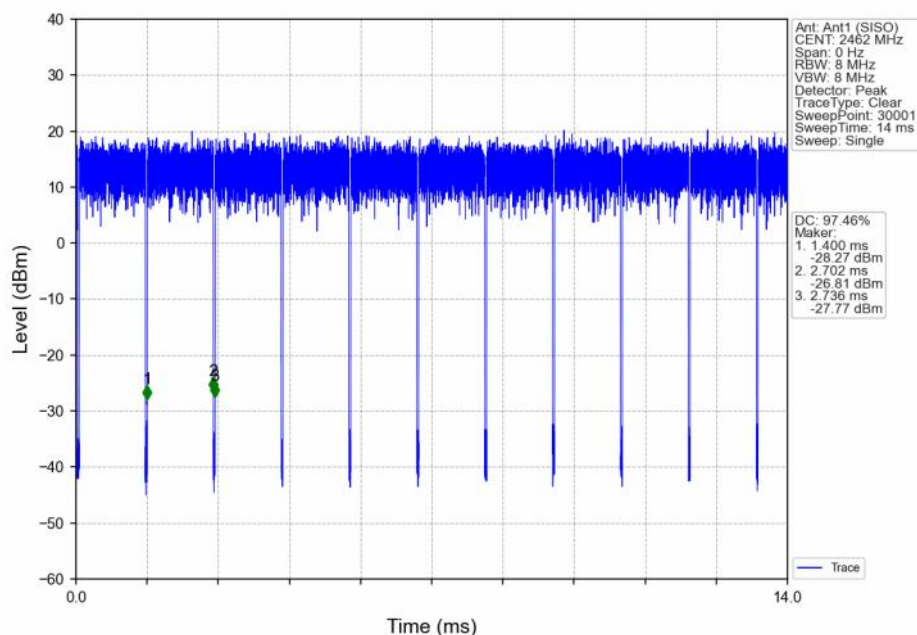
802.11n(HT20)_LCH_2412MHz_Ant1 (SISO)_NTNV



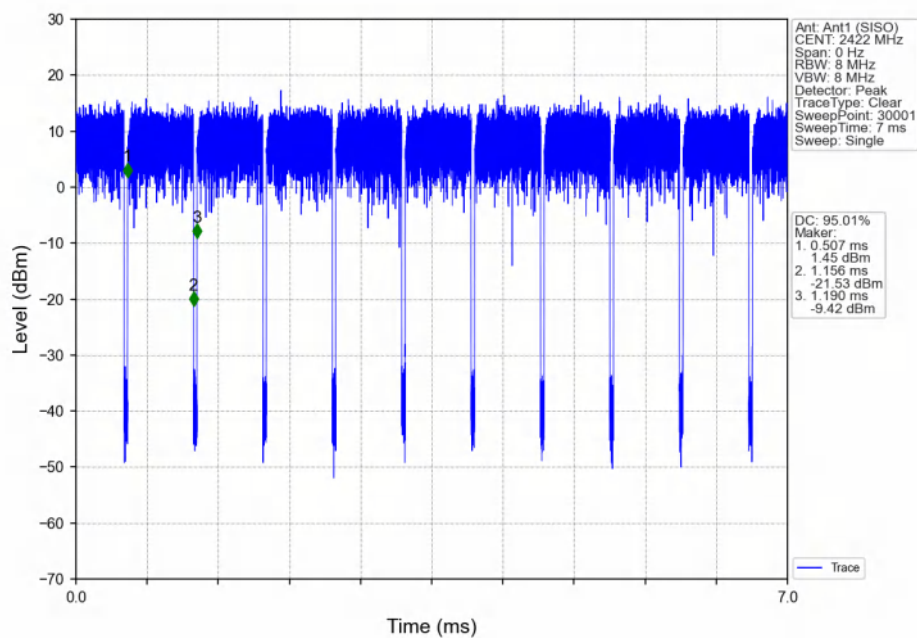
802.11n(HT20)_MCH_2437MHz_Ant1 (SISO)_NTNV



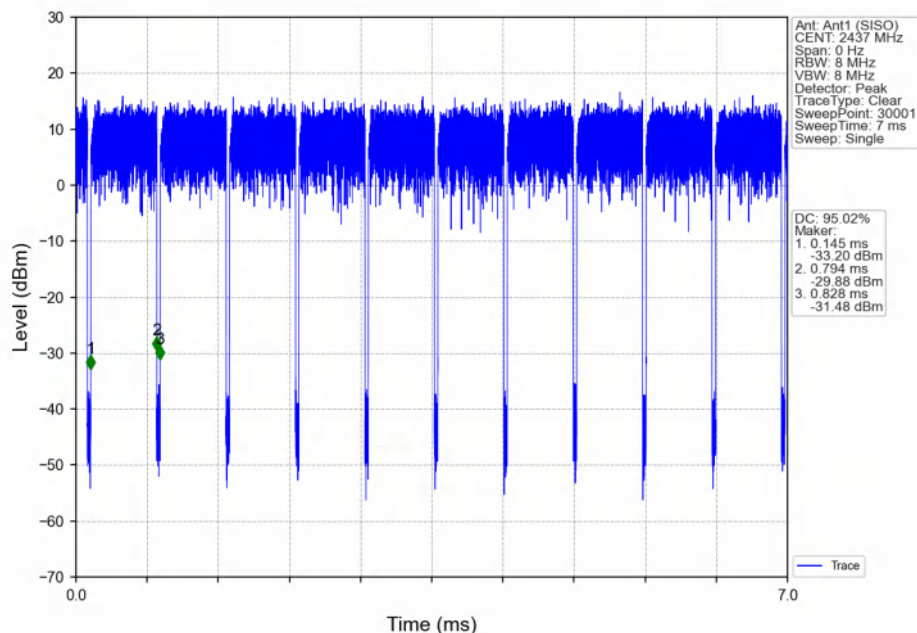
802.11n(HT20)_HCH_2462MHz_Ant1 (SISO)_NTNV



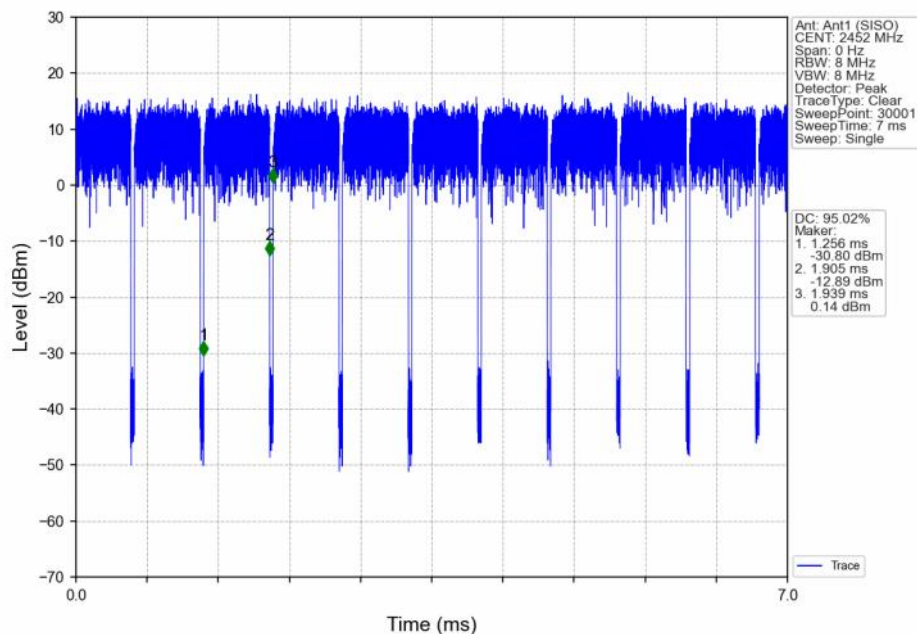
802.11n(HT40)_LCH_2422MHz_Ant1 (SISO)_NTNV



802.11n(HT40)_MCH_2437MHz_Ant1 (SISO)_NTNV



802.11n(HT40)_HCH_2452MHz_Ant1 (SISO)_NTNV



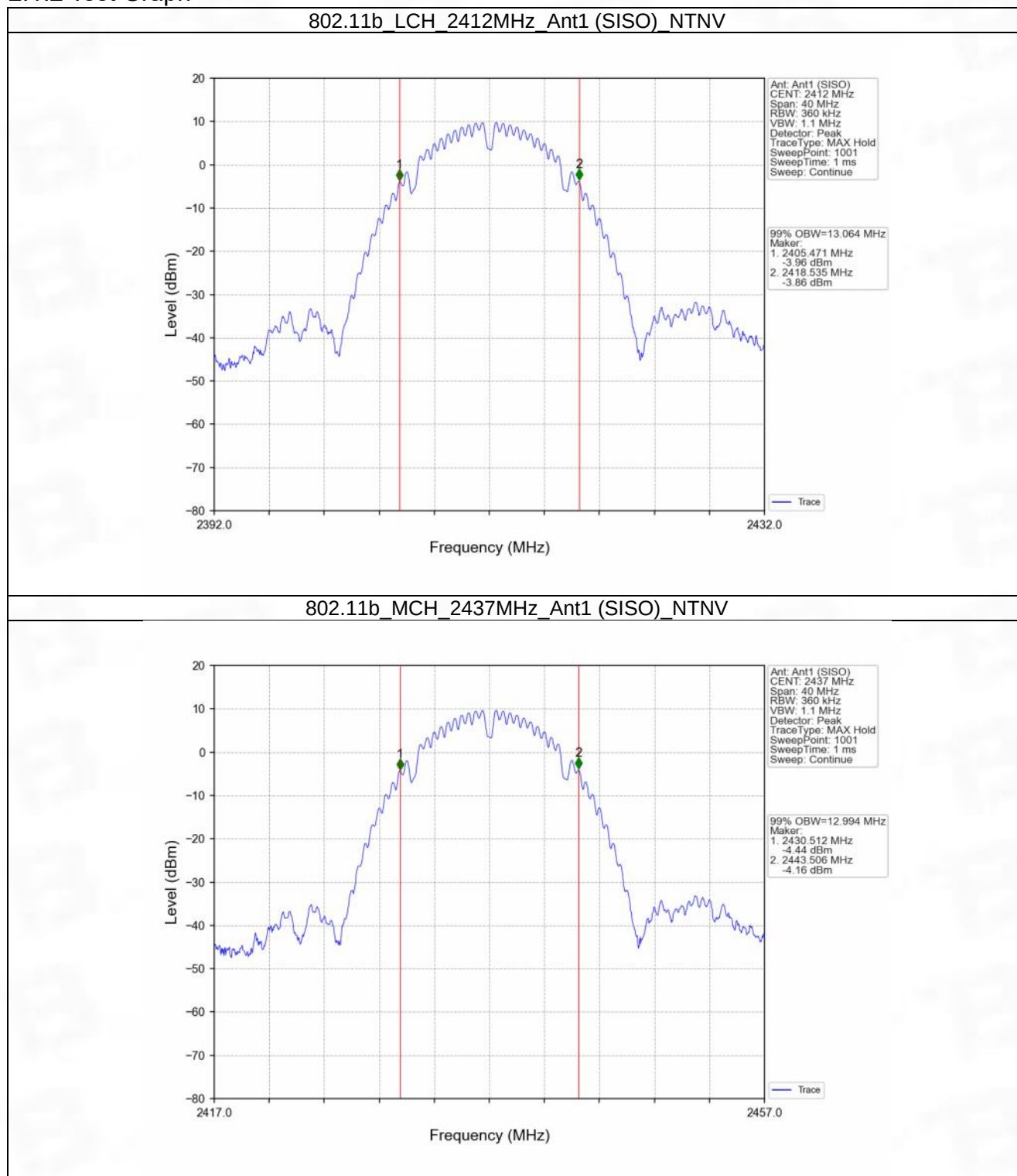
2. Bandwidth

2.1 OBW

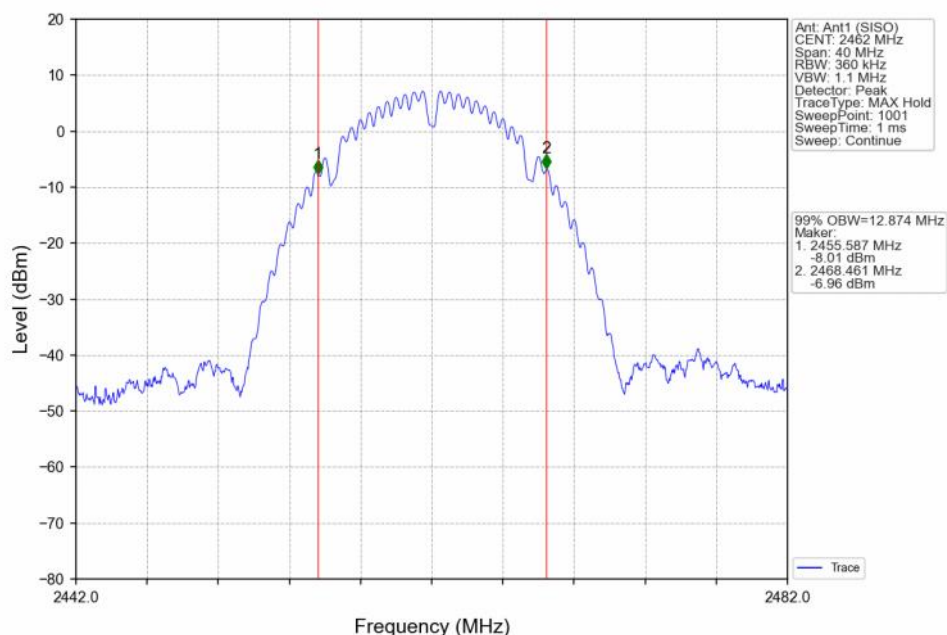
2.1.1 Test Result

Mode	TX Type	Frequency (MHz)	ANT	99% Occupied Bandwidth (MHz)	Verdict
				Result	
802.11b	SISO	2412	1	13.064	Pass
		2437	1	12.994	Pass
		2462	1	12.874	Pass
802.11g	SISO	2412	1	17.420	Pass
		2437	1	17.469	Pass
		2462	1	17.484	Pass
802.11n (HT20)	SISO	2412	1	18.277	Pass
		2437	1	18.221	Pass
		2462	1	18.326	Pass
802.11n (HT40)	SISO	2422	1	36.632	Pass
		2437	1	36.675	Pass
		2452	1	36.749	Pass

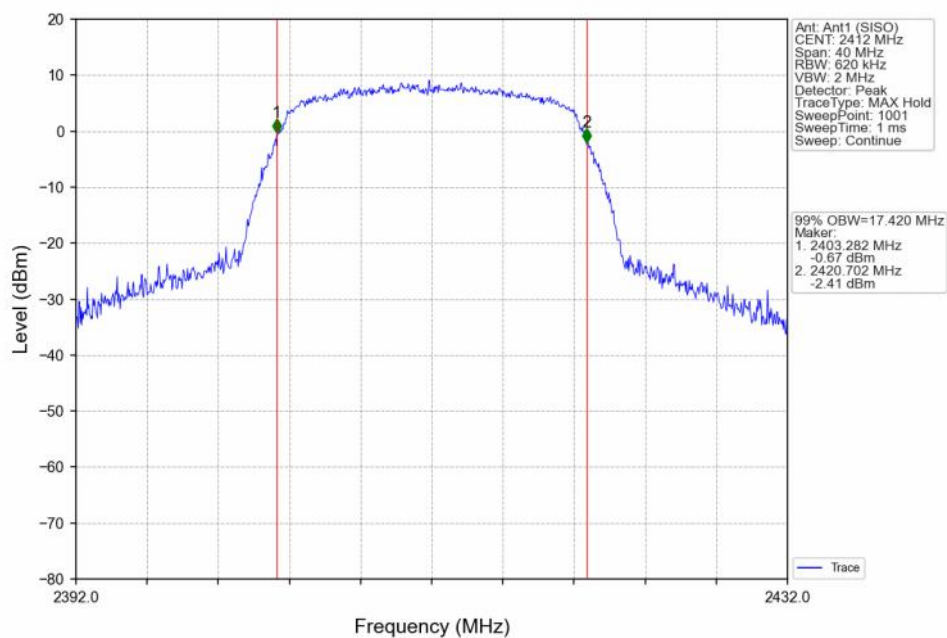
2.1.2 Test Graph



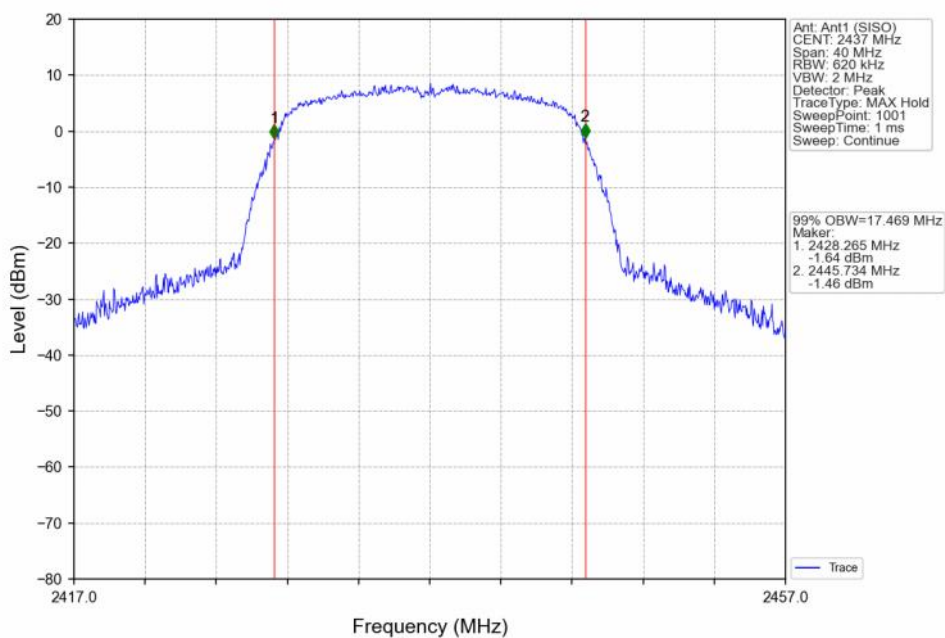
802.11b_HCH_2462MHz_Ant1 (SISO)_NTNV



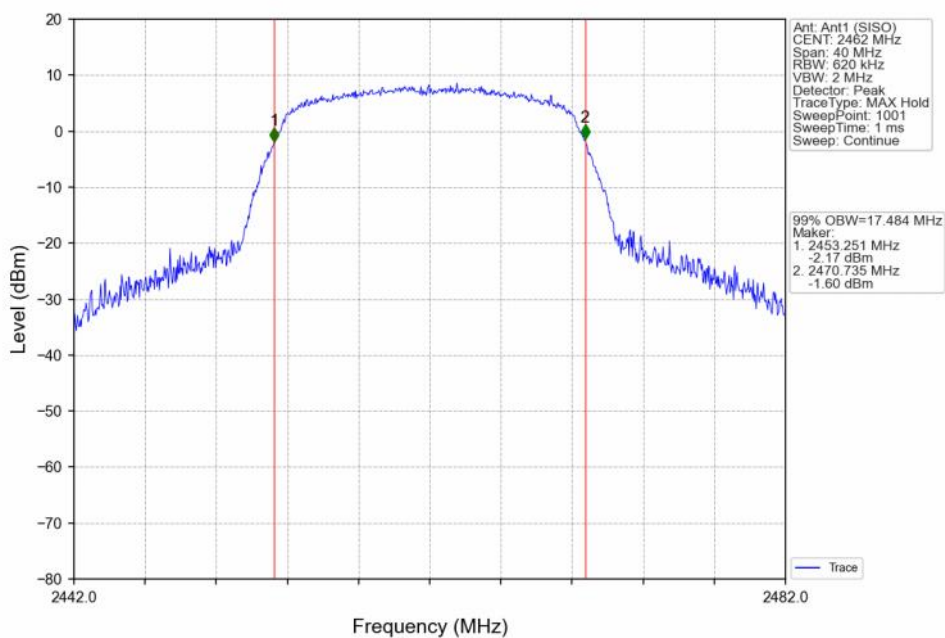
802.11g_LCH_2412MHz_Ant1 (SISO)_NTNV



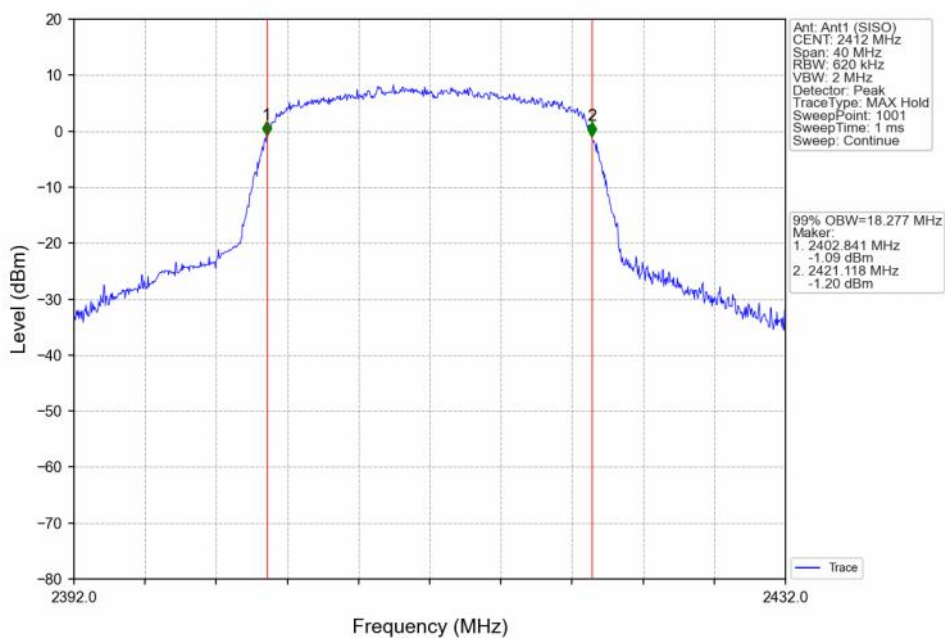
802.11g_MCH_2437MHz_Ant1 (SISO)_NTNV



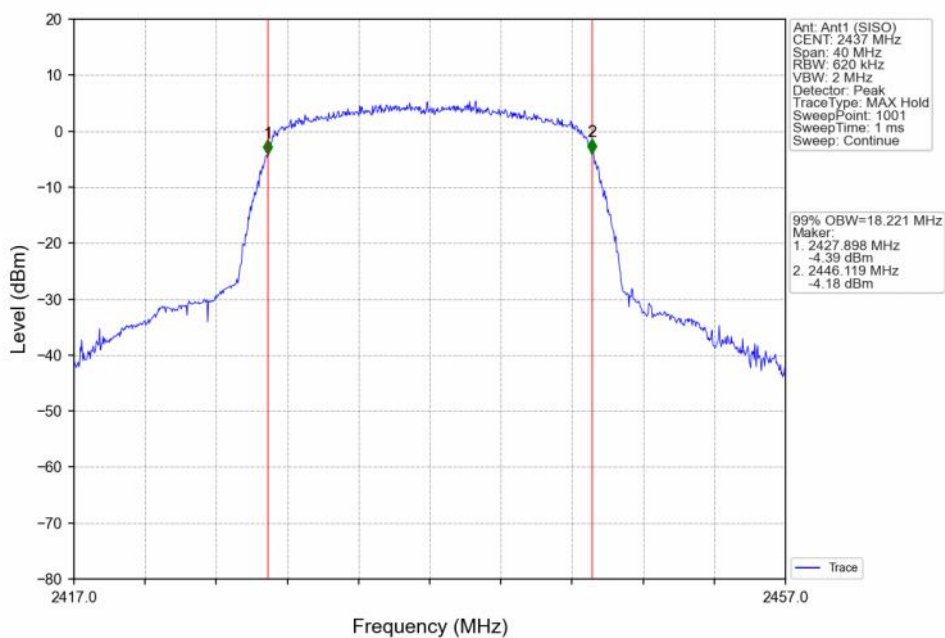
802.11g_HCH_2462MHz_Ant1 (SISO)_NTNV



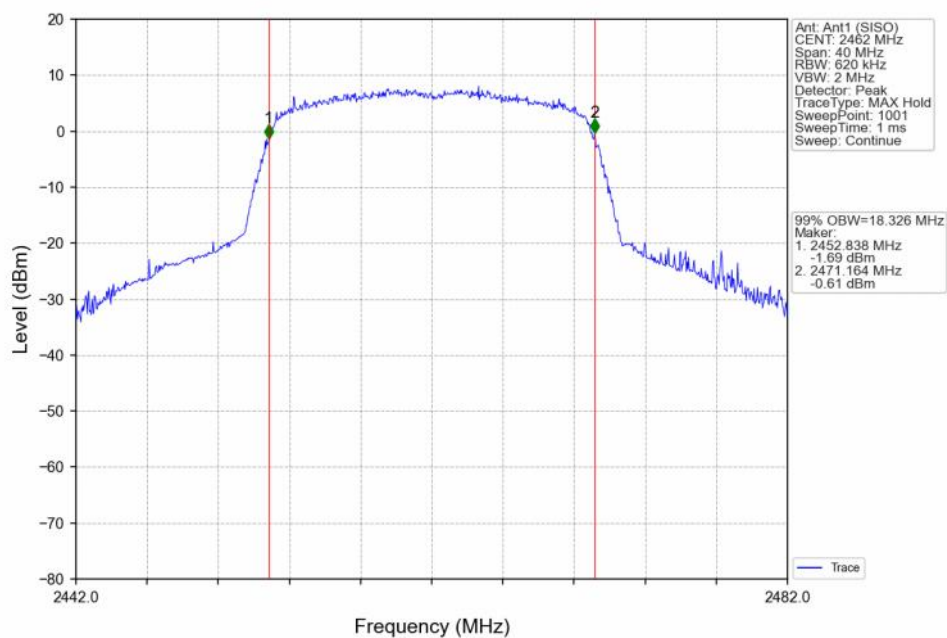
802.11n(HT20)_LCH_2412MHz_Ant1 (SISO)_NTNV



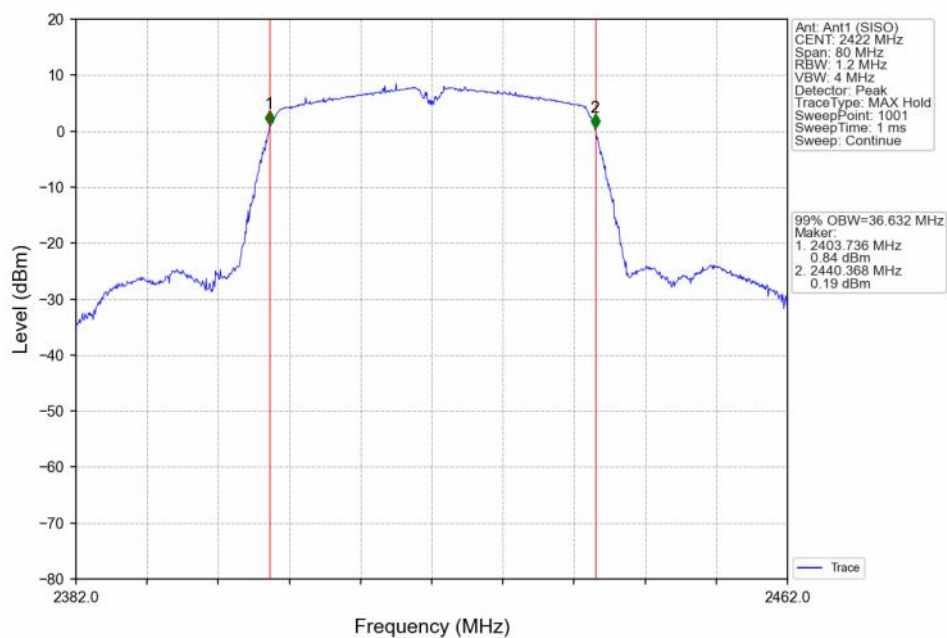
802.11n(HT20)_MCH_2437MHz_Ant1 (SISO)_NTNV



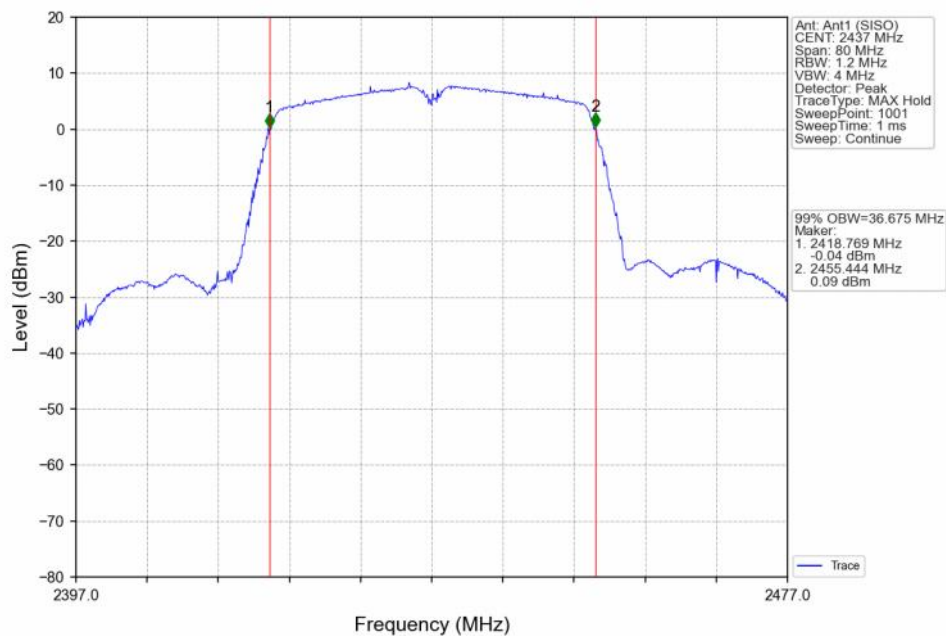
802.11n(HT20)_HCH_2462MHz_Ant1 (SISO)_NTNV



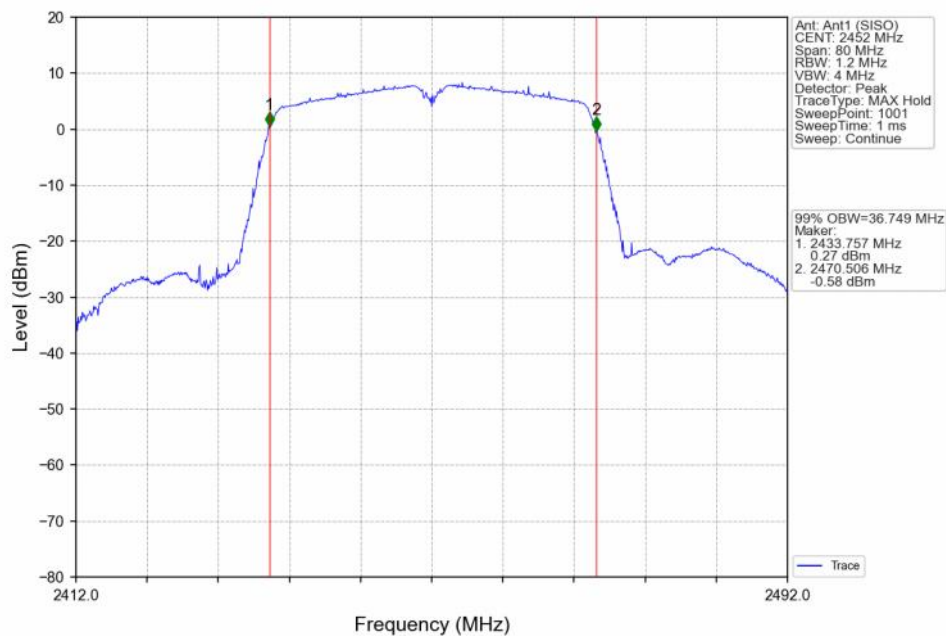
802.11n(HT40)_LCH_2422MHz_Ant1 (SISO)_NTNV



802.11n(HT40)_MCH_2437MHz_Ant1 (SISO)_NTNV



802.11n(HT40)_HCH_2452MHz_Ant1 (SISO)_NTNV

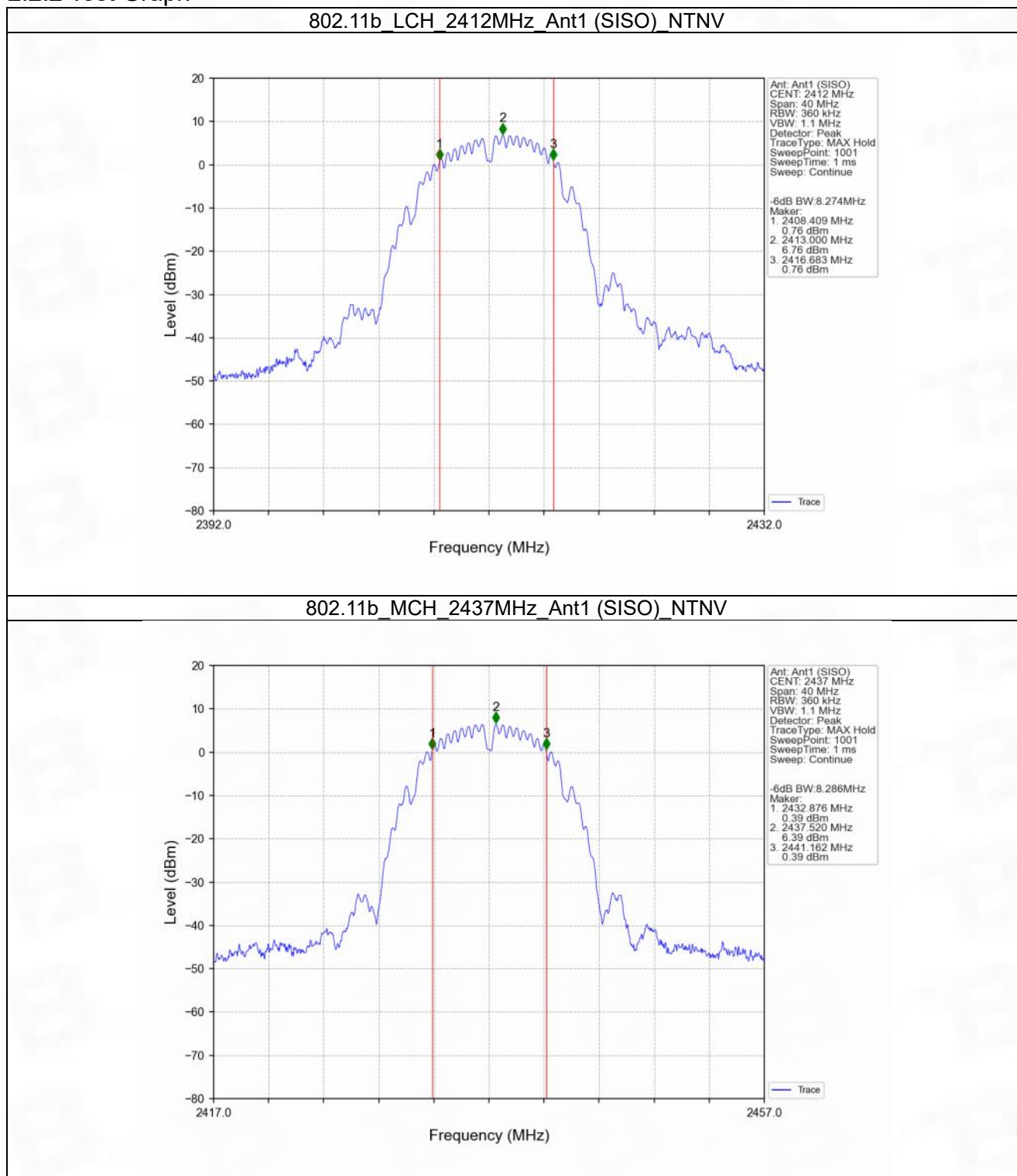


2.2 6dB BW

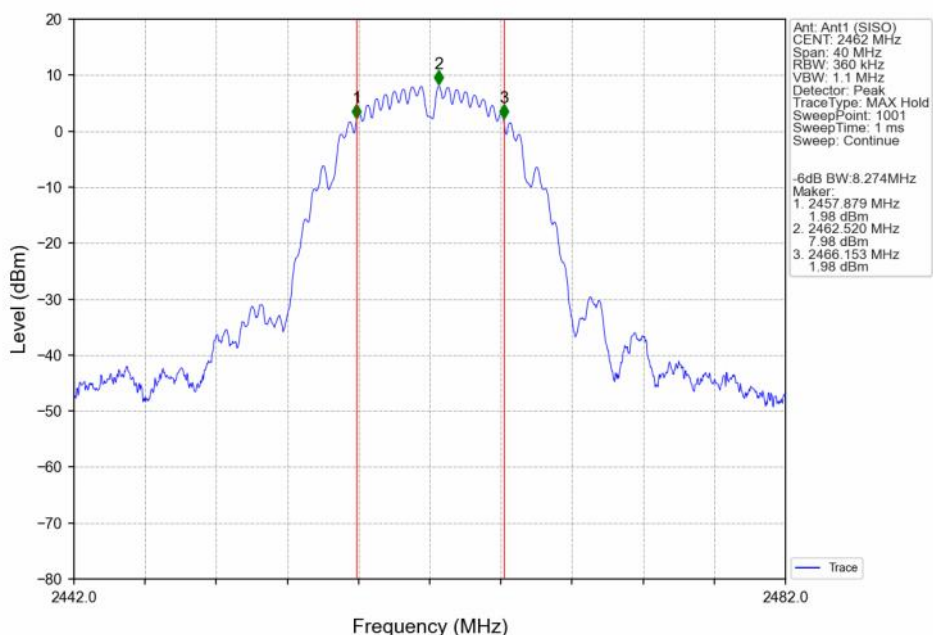
2.2.1 Test Result

Mode	TX Type	Frequency (MHz)	ANT	6dB Bandwidth (MHz)		Verdict
				Result	Limit	
802.11b	SISO	2412	1	8.274	≥ 0.5	Pass
		2437	1	8.286	≥ 0.5	Pass
		2462	1	8.274	≥ 0.5	Pass
802.11g	SISO	2412	1	16.558	≥ 0.5	Pass
		2437	1	16.437	≥ 0.5	Pass
		2462	1	16.427	≥ 0.5	Pass
802.11n (HT20)	SISO	2412	1	17.437	≥ 0.5	Pass
		2437	1	17.376	≥ 0.5	Pass
		2462	1	17.380	≥ 0.5	Pass
802.11n (HT40)	SISO	2422	1	35.451	≥ 0.5	Pass
		2437	1	35.072	≥ 0.5	Pass
		2452	1	35.170	≥ 0.5	Pass

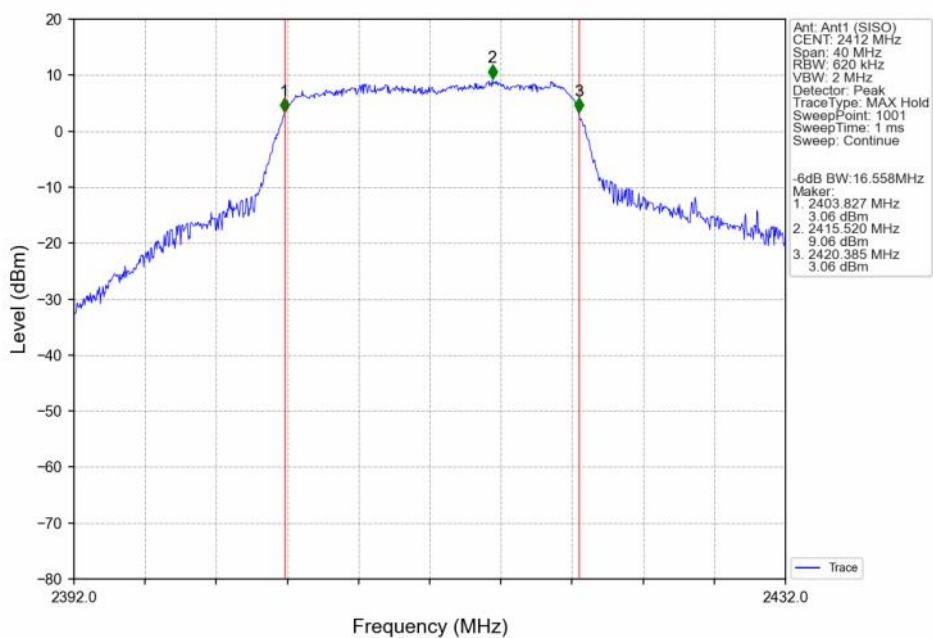
2.2.2 Test Graph



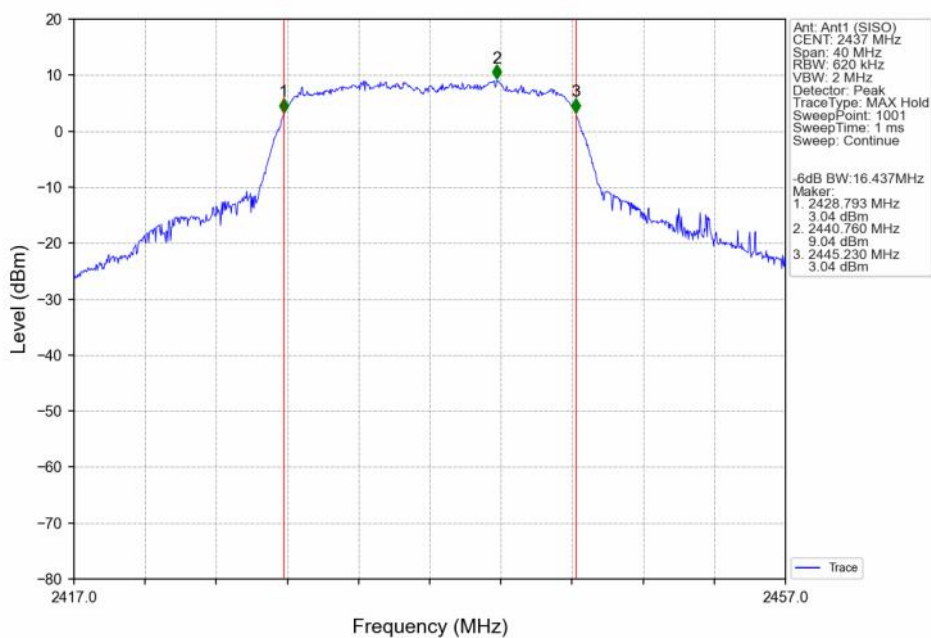
802.11b_HCH_2462MHz_Ant1 (SISO)_NTNV



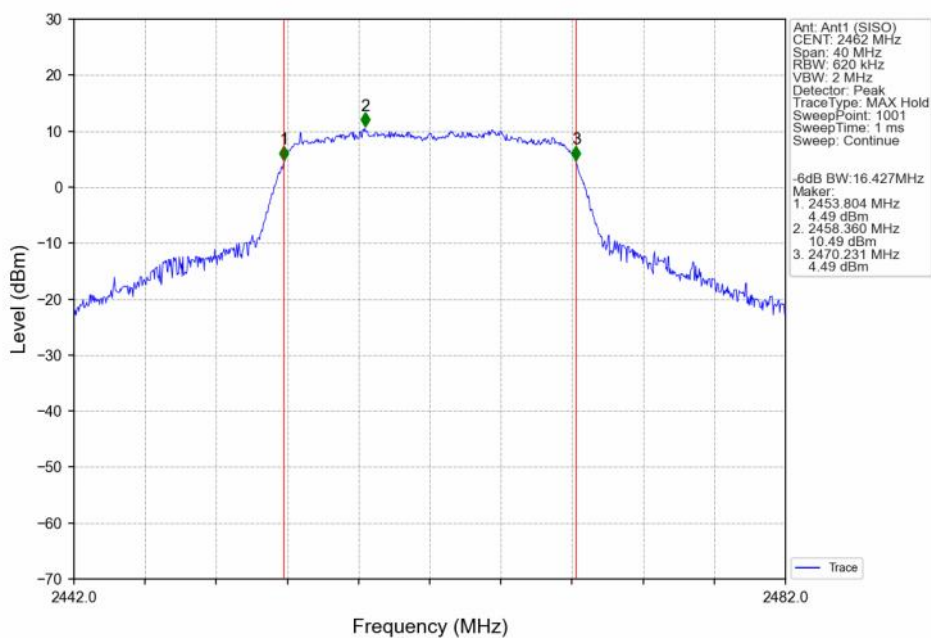
802.11g_LCH_2412MHz_Ant1 (SISO)_NTNV



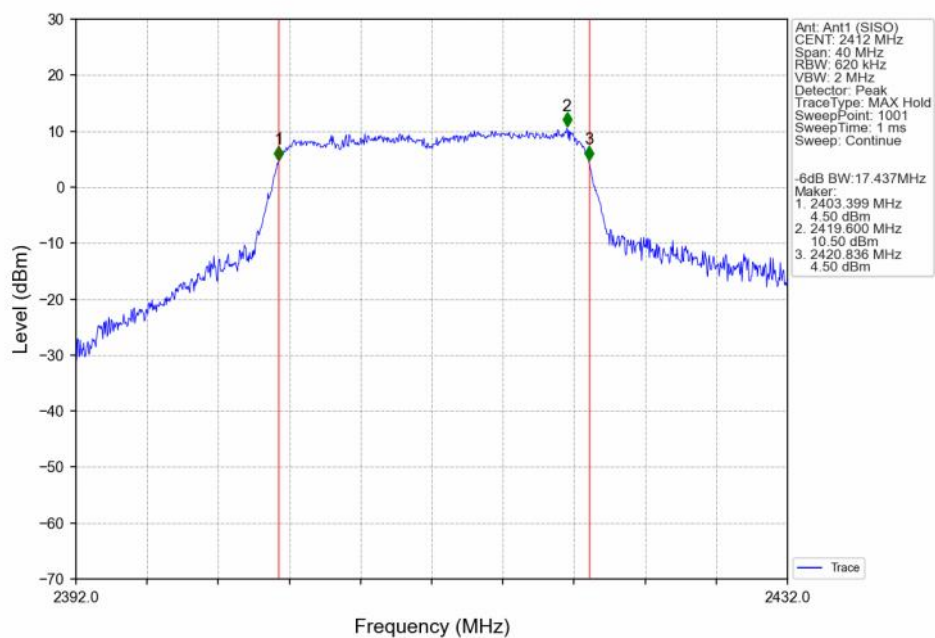
802.11g_MCH_2437MHz_Ant1 (SISO)_NTNV



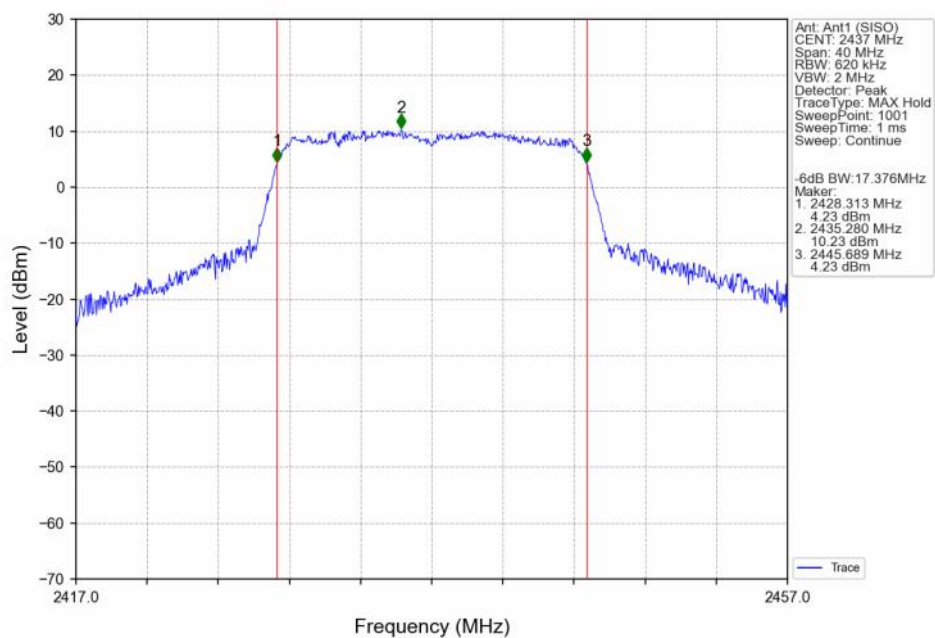
802.11g_HCH_2462MHz_Ant1 (SISO)_NTNV



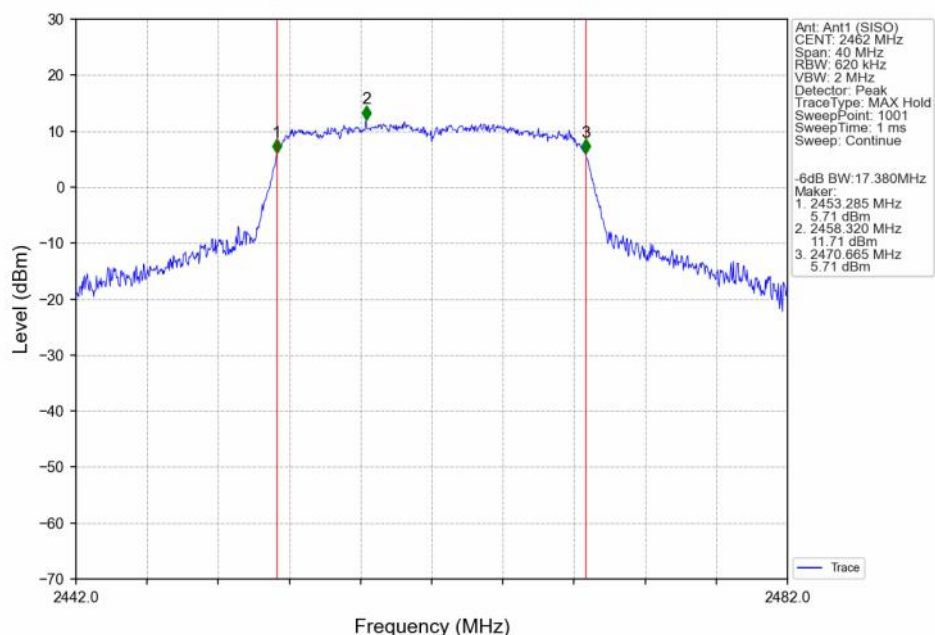
802.11n(HT20)_LCH_2412MHz_Ant1 (SISO)_NTNV



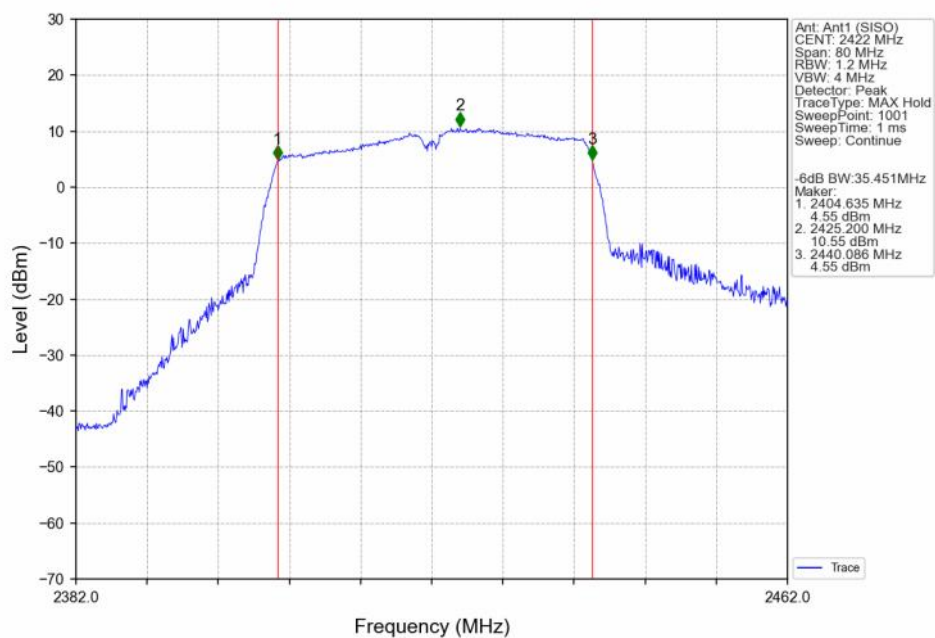
802.11n(HT20)_MCH_2437MHz_Ant1 (SISO)_NTNV



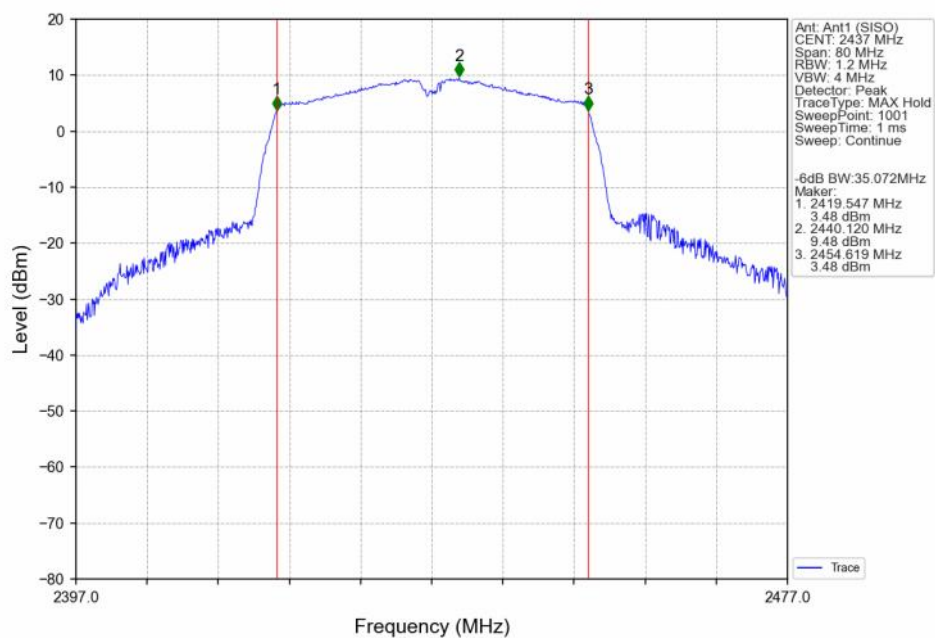
802.11n(HT20)_HCH_2462MHz_Ant1 (SISO)_NTNV



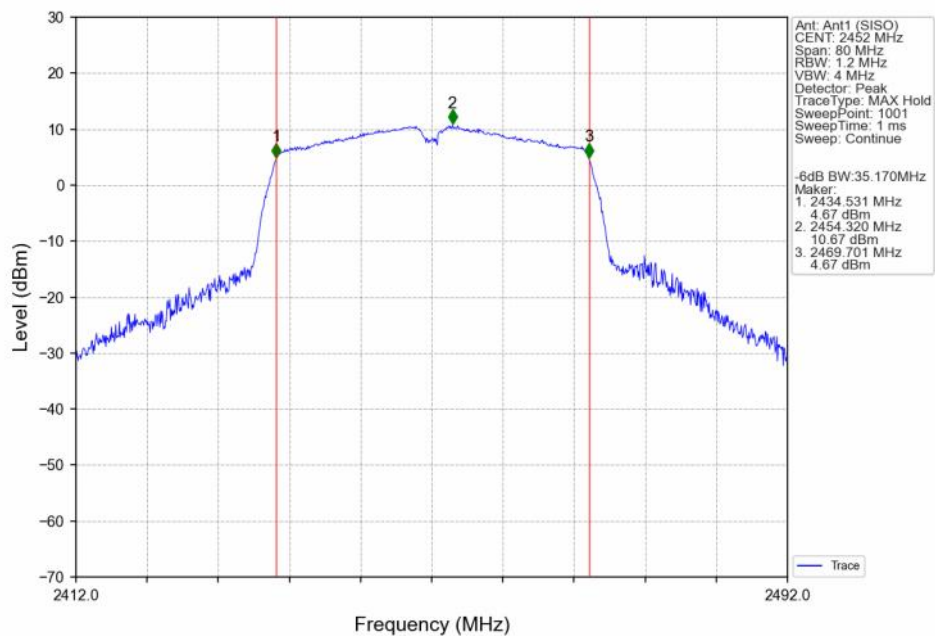
802.11n(HT40)_LCH_2422MHz_Ant1 (SISO)_NTNV



802.11n(HT40)_MCH_2437MHz_Ant1 (SISO)_NTNV



802.11n(HT40)_HCH_2452MHz_Ant1 (SISO)_NTNV



3. Maximum Conducted Output Power

3.1 Power

3.1.1 Test Result

Mode	TX Type	Frequency (MHz)	Maximum Peak Conducted Output Power (dBm)		Verdict
			ANT1	Limit	
802.11b	SISO	2412	17.19	<=30	Pass
		2437	17.38	<=30	Pass
		2462	17.20	<=30	Pass
802.11g	SISO	2412	20.50	<=30	Pass
		2437	20.29	<=30	Pass
		2462	20.30	<=30	Pass
802.11n (HT20)	SISO	2412	20.19	<=30	Pass
		2437	20.29	<=30	Pass
		2462	20.09	<=30	Pass
802.11n (HT40)	SISO	2422	19.95	<=30	Pass
		2437	19.80	<=30	Pass
		2452	20.02	<=30	Pass

Note1: Antenna Gain: Ant1: 1.30dBi;

4. Maximum Power Spectral Density

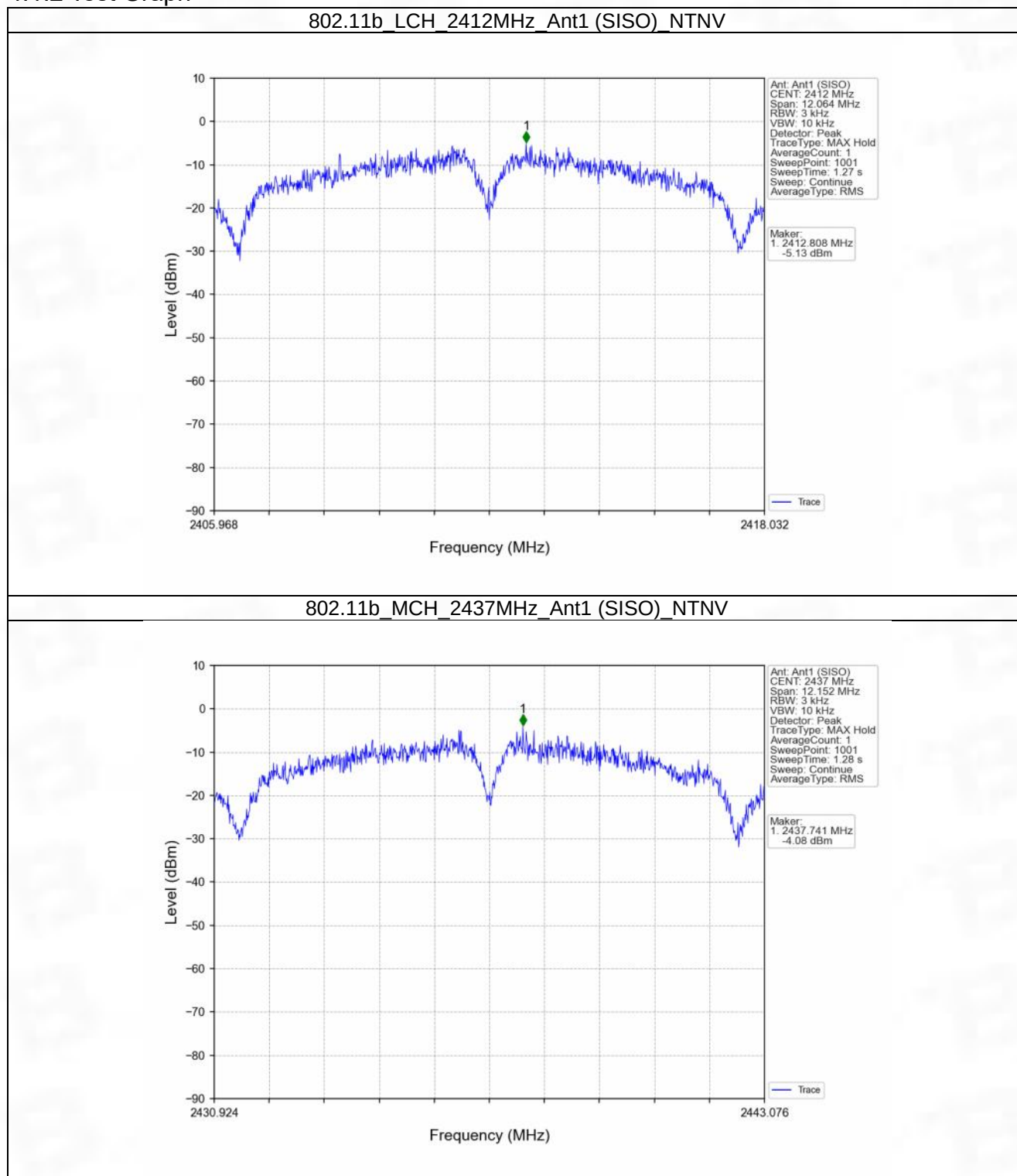
4.1 PSD

4.1.1 Test Result

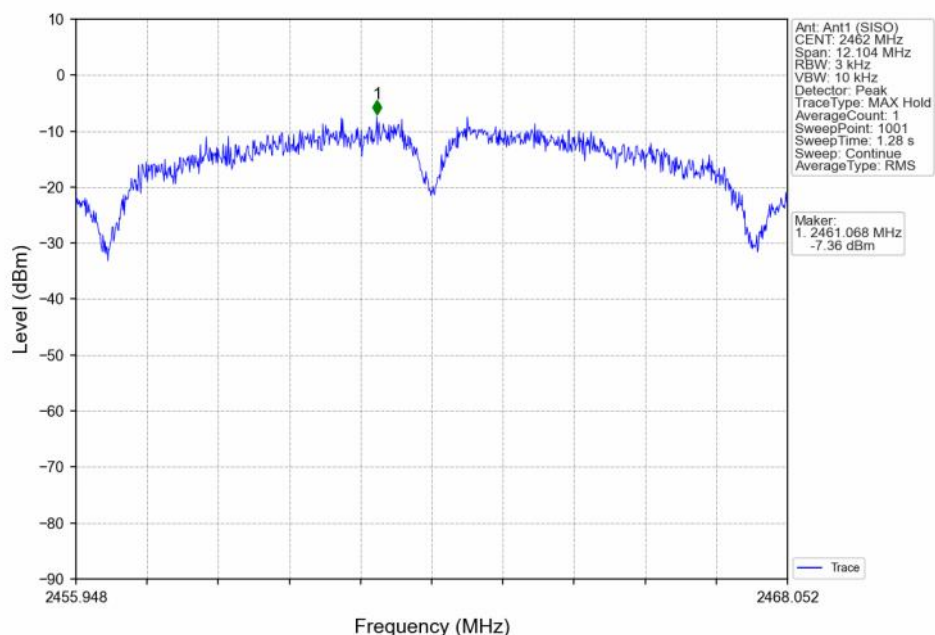
Mode	TX Type	Frequency (MHz)	Maximum PSD (dBm/3kHz)		Verdict
			ANT1	Limit	
802.11b	SISO	2412	-5.13	<=8	Pass
		2437	-4.08	<=8	Pass
		2462	-7.36	<=8	Pass
802.11g	SISO	2412	-12.54	<=8	Pass
		2437	-12.57	<=8	Pass
		2462	-11.78	<=8	Pass
802.11n (HT20)	SISO	2412	-12.38	<=8	Pass
		2437	-14.94	<=8	Pass
		2462	-12.71	<=8	Pass
802.11n (HT40)	SISO	2422	-15.10	<=8	Pass
		2437	-15.31	<=8	Pass
		2452	-15.82	<=8	Pass

Note1: Antenna Gain: Ant1: 1.30dBi;

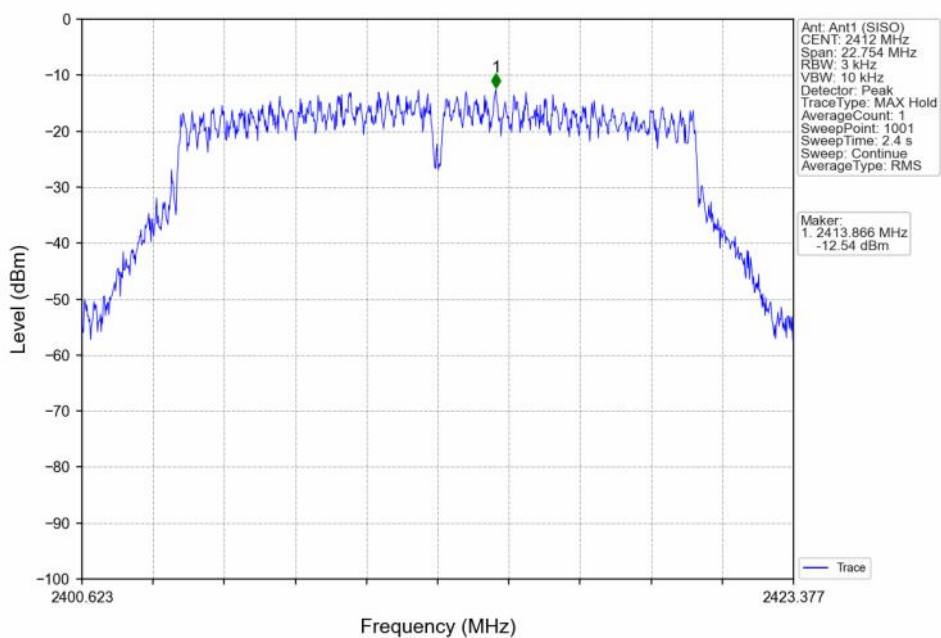
4.1.2 Test Graph



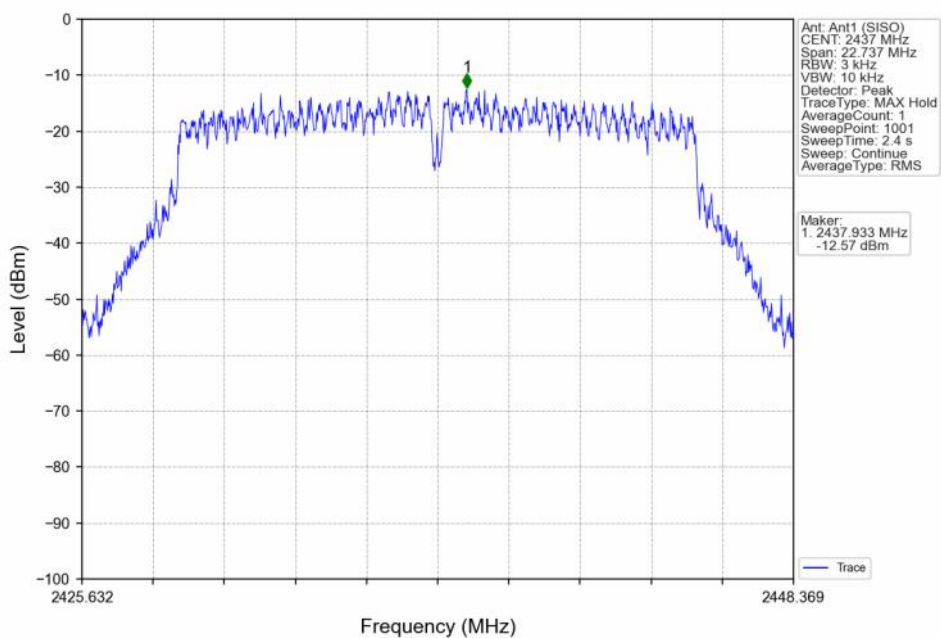
802.11b_HCH_2462MHz_Ant1 (SISO)_NTNV



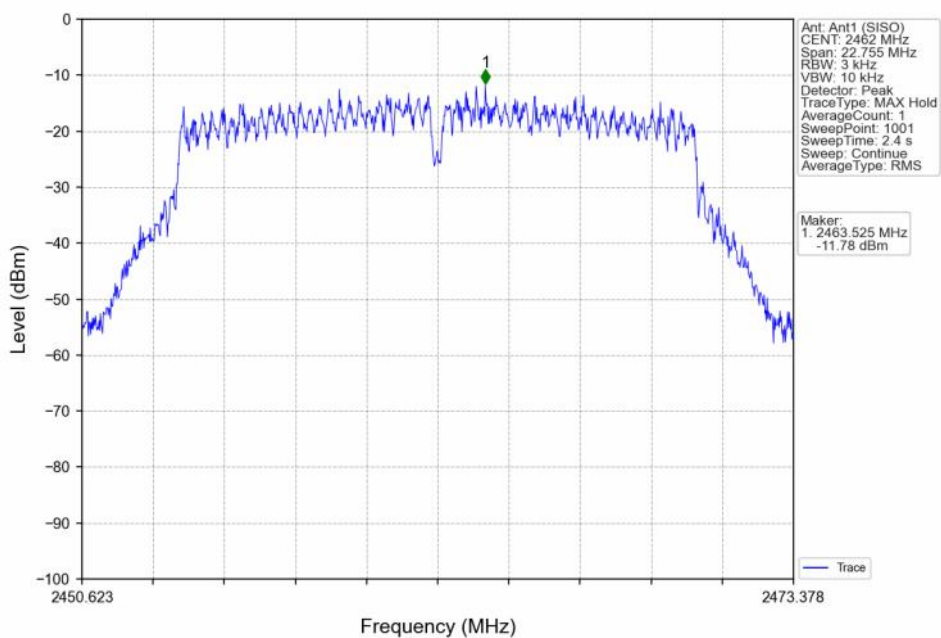
802.11g_LCH_2412MHz_Ant1 (SISO)_NTNV



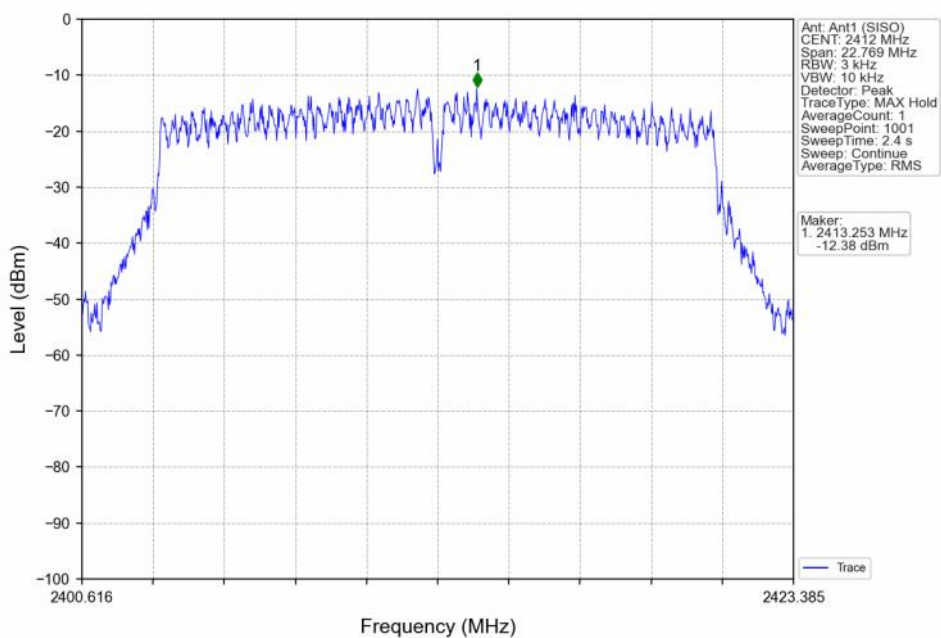
802.11g_MCH_2437MHz_Ant1 (SISO)_NTNV



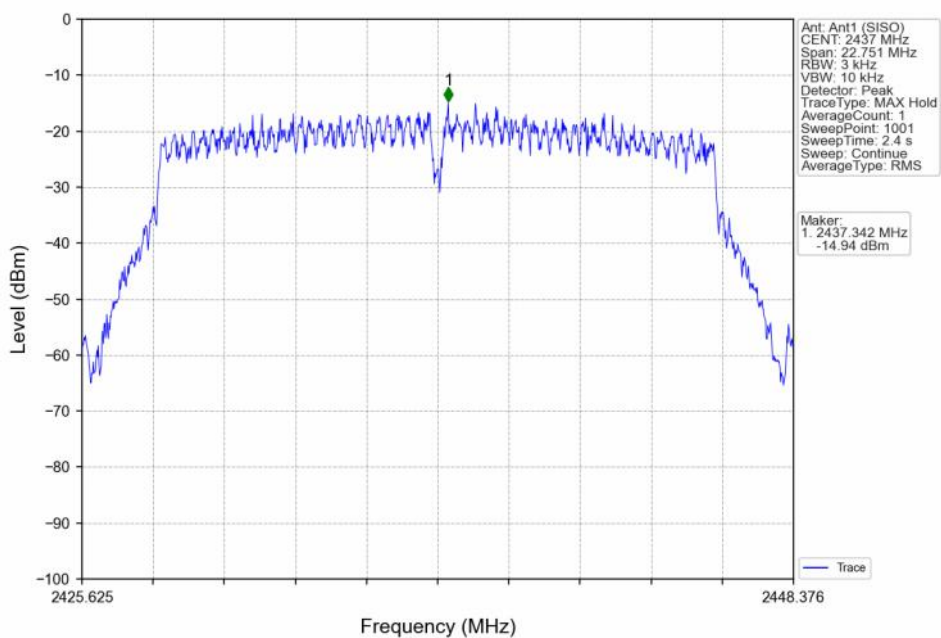
802.11g_HCH_2462MHz_Ant1 (SISO)_NTNV



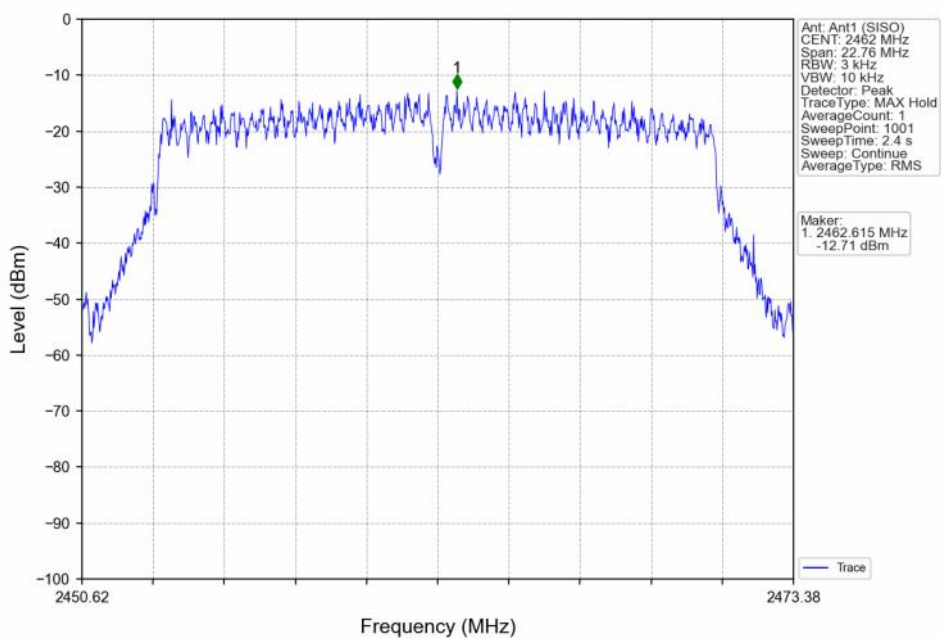
802.11n(HT20)_LCH_2412MHz_Ant1 (SISO)_NTNV



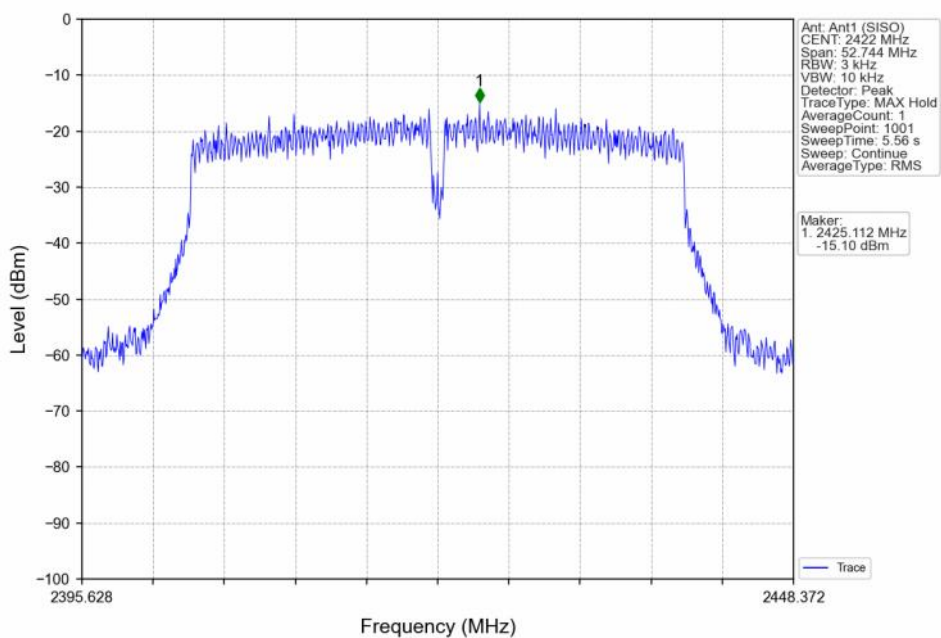
802.11n(HT20)_MCH_2437MHz_Ant1 (SISO)_NTNV



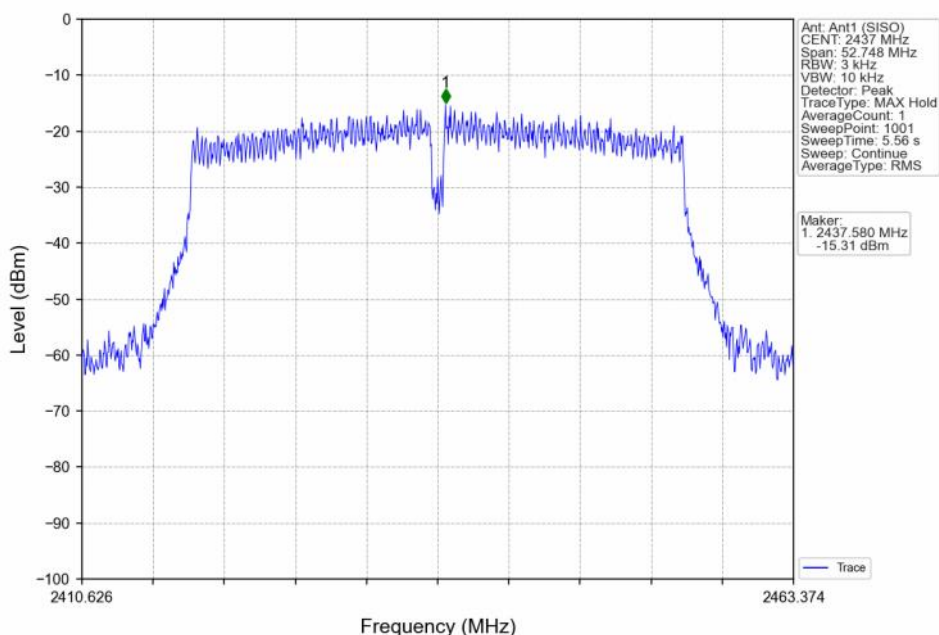
802.11n(HT20)_HCH_2462MHz_Ant1 (SISO)_NTNV



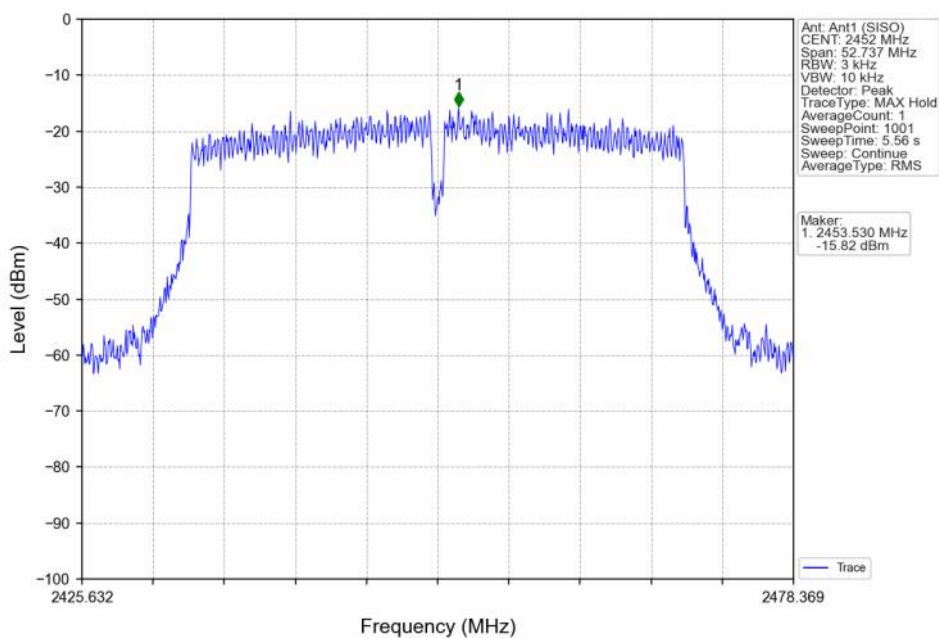
802.11n(HT40)_LCH_2422MHz_Ant1 (SISO)_NTNV



802.11n(HT40)_MCH_2437MHz_Ant1 (SISO)_NTNV



802.11n(HT40)_HCH_2452MHz_Ant1 (SISO)_NTNV



5. Unwanted Emissions In Non-restricted Frequency Bands

5.1 Test Result

5.1.1 Ref

Mode	TX Type	Frequency (MHz)	ANT	Level of Reference (dBm)
802.11b	SISO	2412	1	6.59
		2437	1	6.12
		2462	1	7.69
802.11g	SISO	2412	1	3.20
		2437	1	2.98
		2462	1	4.74
802.11n (HT20)	SISO	2412	1	3.21
		2437	1	2.86
		2462	1	4.62
802.11n (HT40)	SISO	2422	1	0.60
		2437	1	-0.52
		2452	1	0.93

Note1: Refer to FCC Part 15.247 (d) and ANSI C63.10-2020, the channel contains the maximum PSD level was used to establish the reference level.

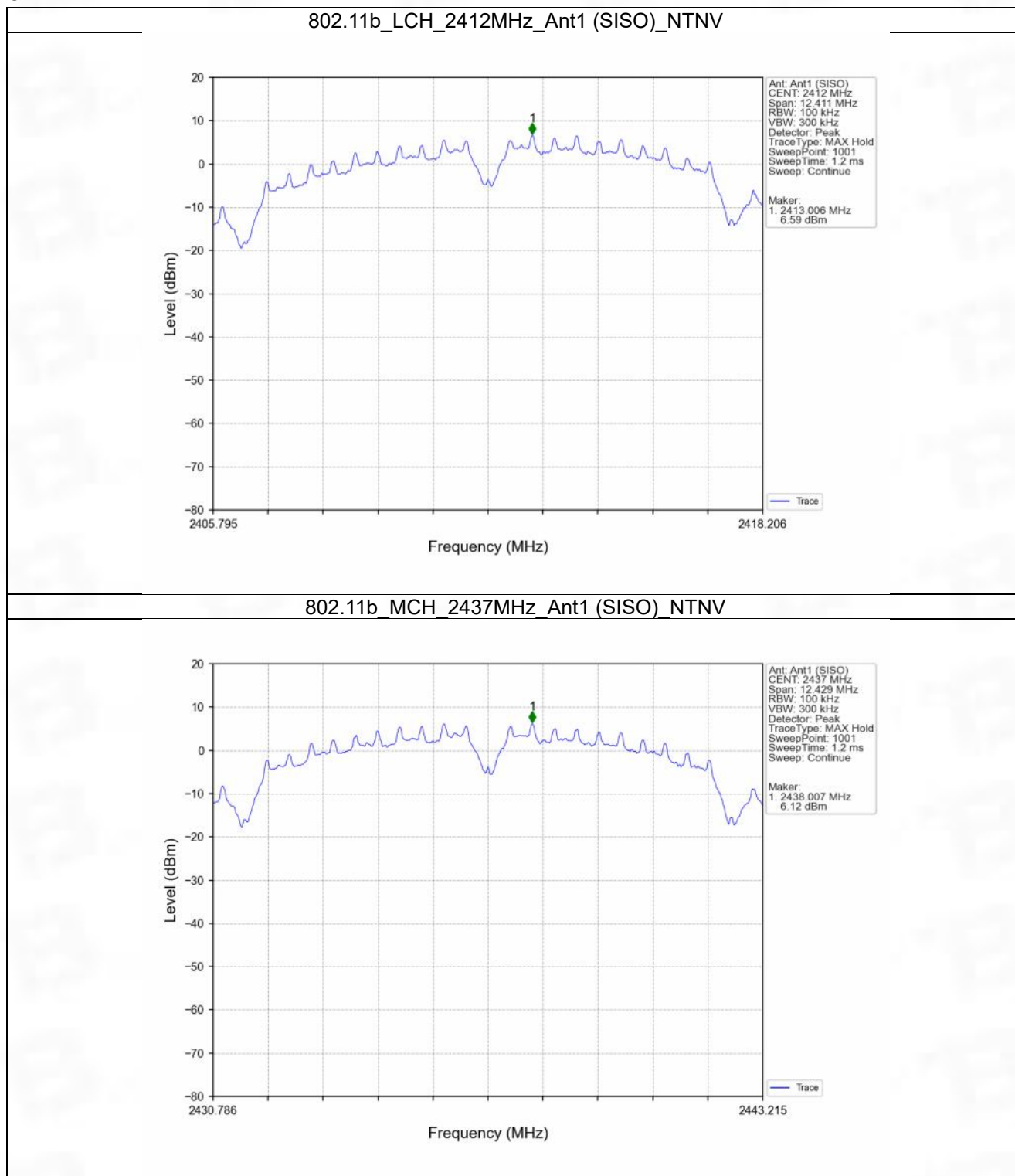
5.1.2 CSE

Mode	TX Type	Frequency (MHz)	ANT	Measure(dBm)	Level of Reference (dBm)	Limit (dBm)	Verdict
802.11b	SISO	2412	1	-39.77	7.69	-22.31	Pass
		2437	1	-40.04	7.69	-22.31	Pass
		2462	1	-39.71	7.69	-22.31	Pass
802.11g	SISO	2412	1	-30.97	4.74	-25.26	Pass
		2437	1	-39.02	4.74	-25.26	Pass
		2462	1	-39.36	4.74	-25.26	Pass
802.11n (HT20)	SISO	2412	1	-29.17	4.62	-25.38	Pass
		2437	1	-40.83	4.62	-25.38	Pass
		2462	1	-34.89	4.62	-25.38	Pass
802.11n (HT40)	SISO	2422	1	-37.01	0.93	-29.07	Pass
		2437	1	-39.28	0.93	-29.07	Pass
		2452	1	-40.43	0.93	-29.07	Pass

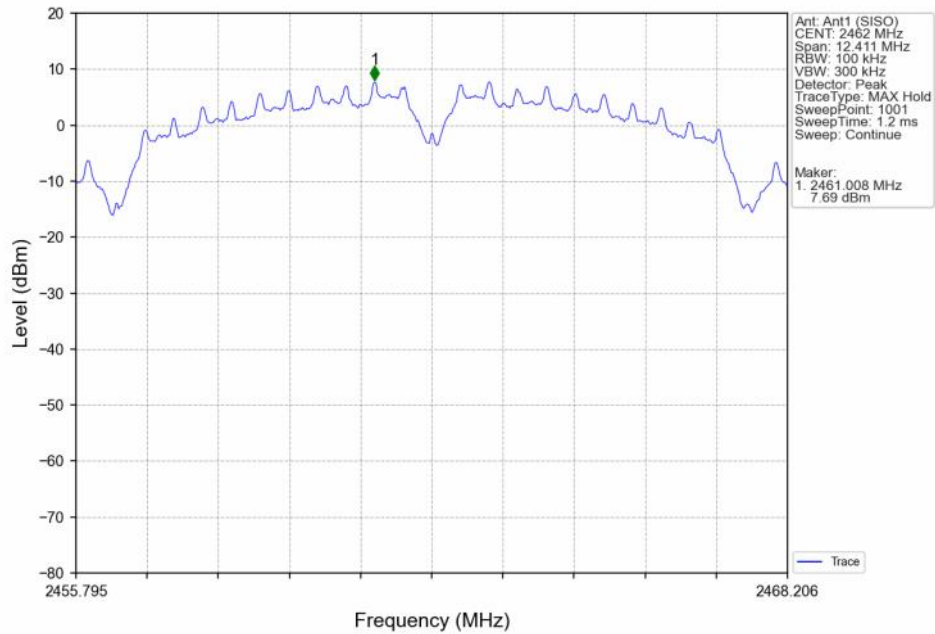
Note1: Refer to FCC Part 15.247 (d) and ANSI C63.10-2020, the channel contains the maximum PSD level was used to establish the reference level.

5.2 Test Graph

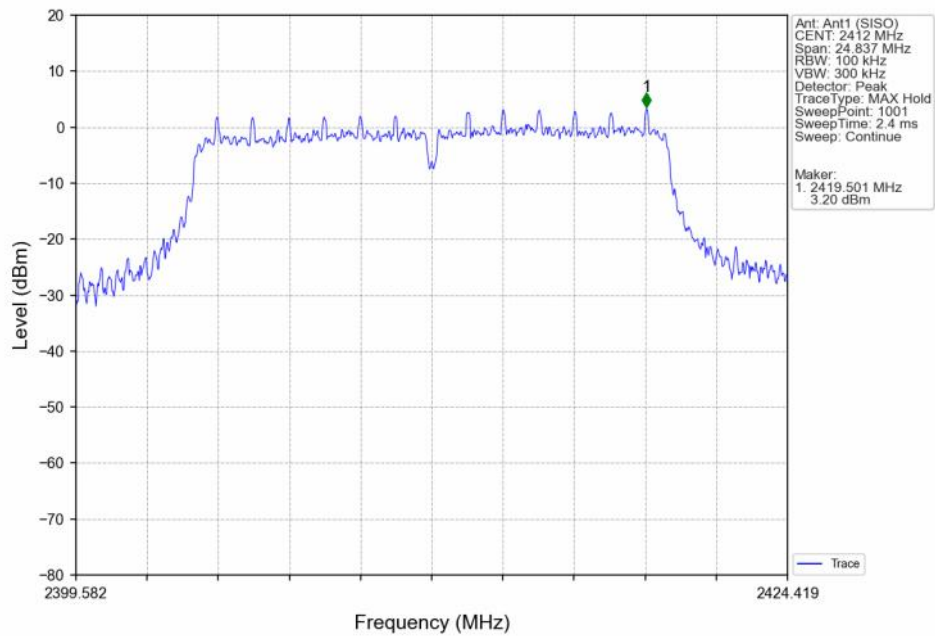
5.2.1 Ref



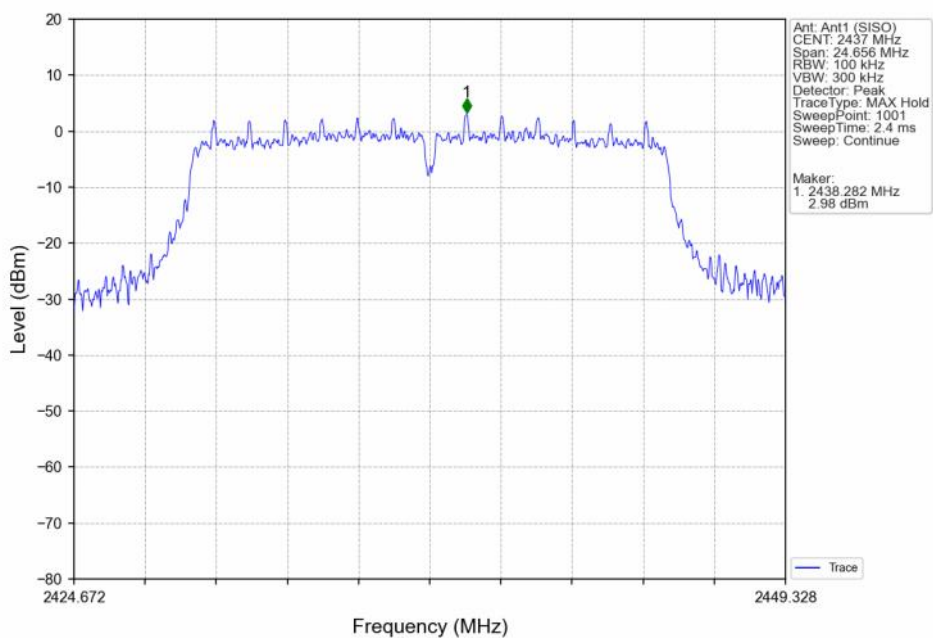
802.11b_HCH_2462MHz_Ant1 (SISO)_NTNV



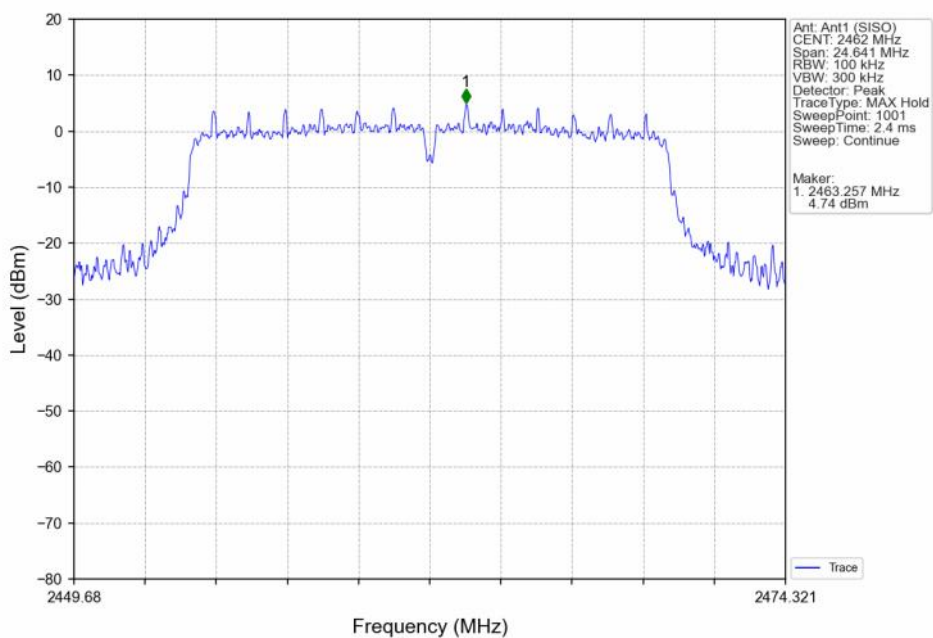
802.11g_LCH_2412MHz_Ant1 (SISO)_NTNV



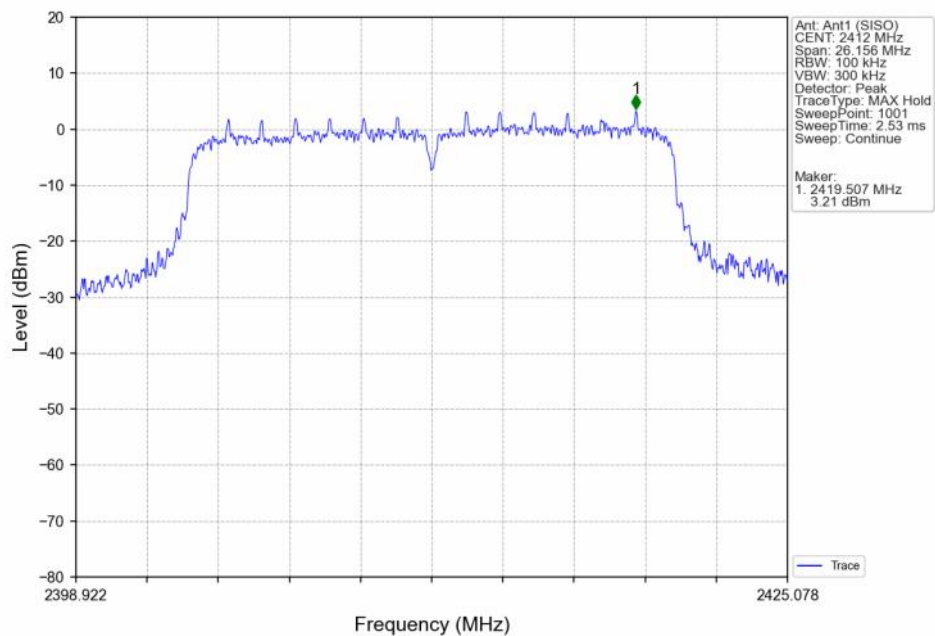
802.11g_MCH_2437MHz_Ant1 (SISO)_NTNV



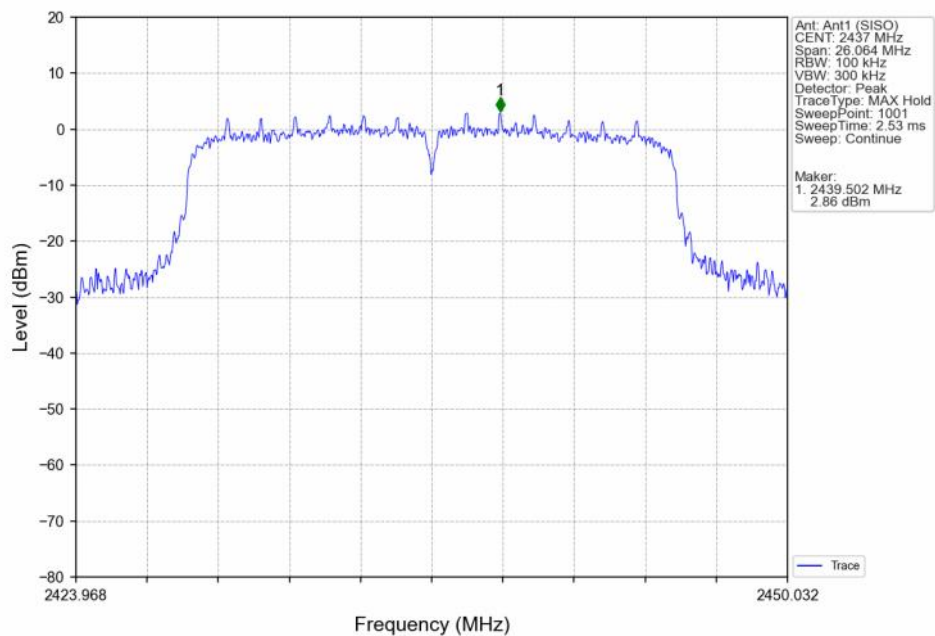
802.11g_HCH_2462MHz_Ant1 (SISO)_NTNV



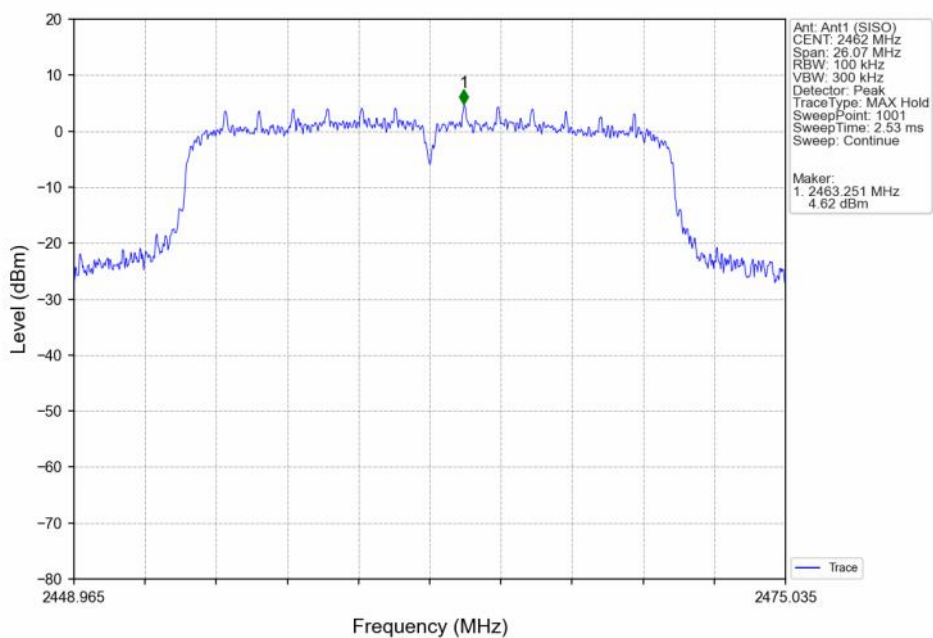
802.11n(HT20)_LCH_2412MHz_Ant1 (SISO)_NTNV



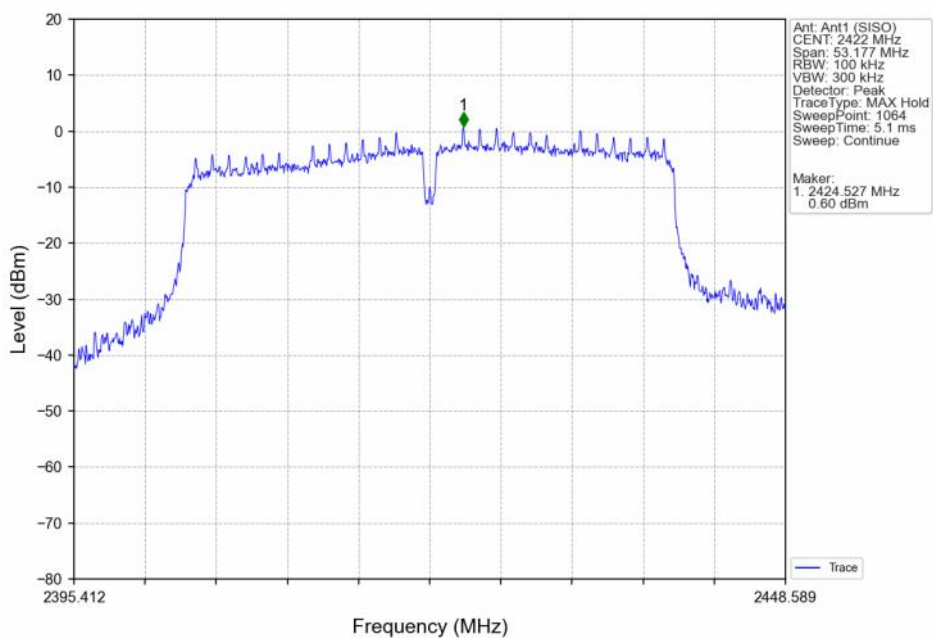
802.11n(HT20)_MCH_2437MHz_Ant1 (SISO)_NTNV



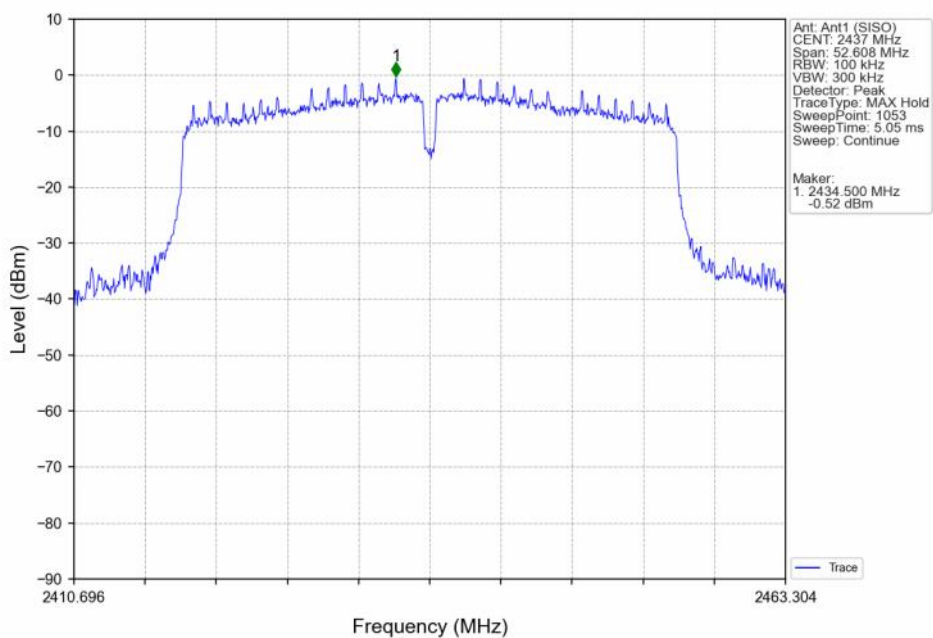
802.11n(HT20)_HCH_2462MHz_Ant1 (SISO)_NTNV



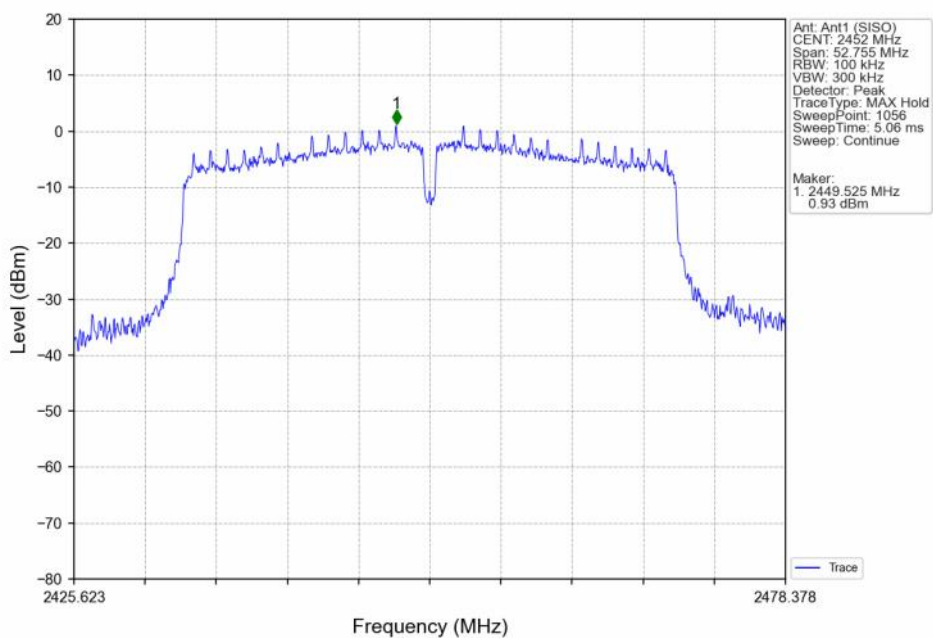
802.11n(HT40)_LCH_2422MHz_Ant1 (SISO)_NTNV



802.11n(HT40)_MCH_2437MHz_Ant1 (SISO)_NTNV

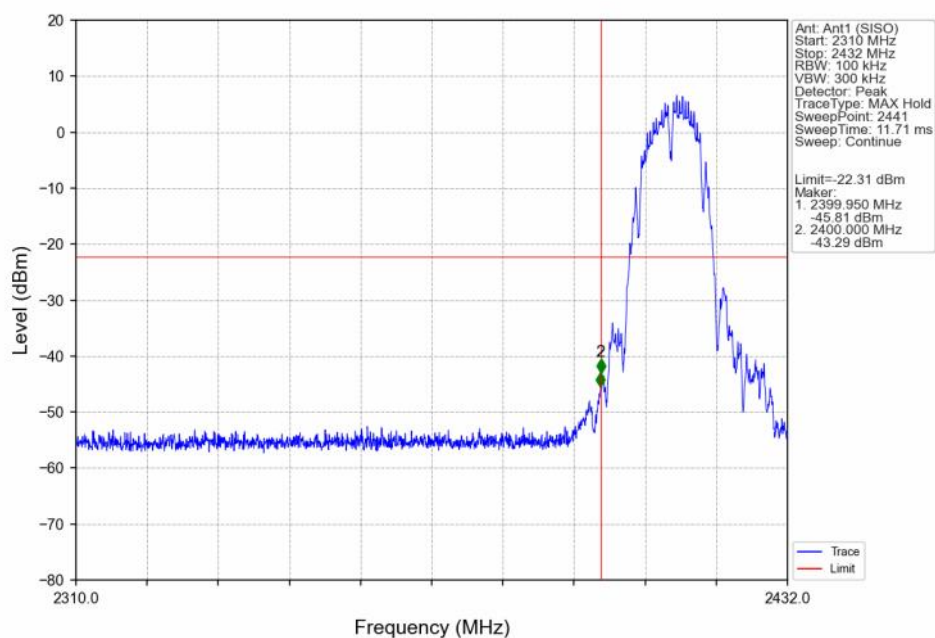


802.11n(HT40)_HCH_2452MHz_Ant1 (SISO)_NTNV

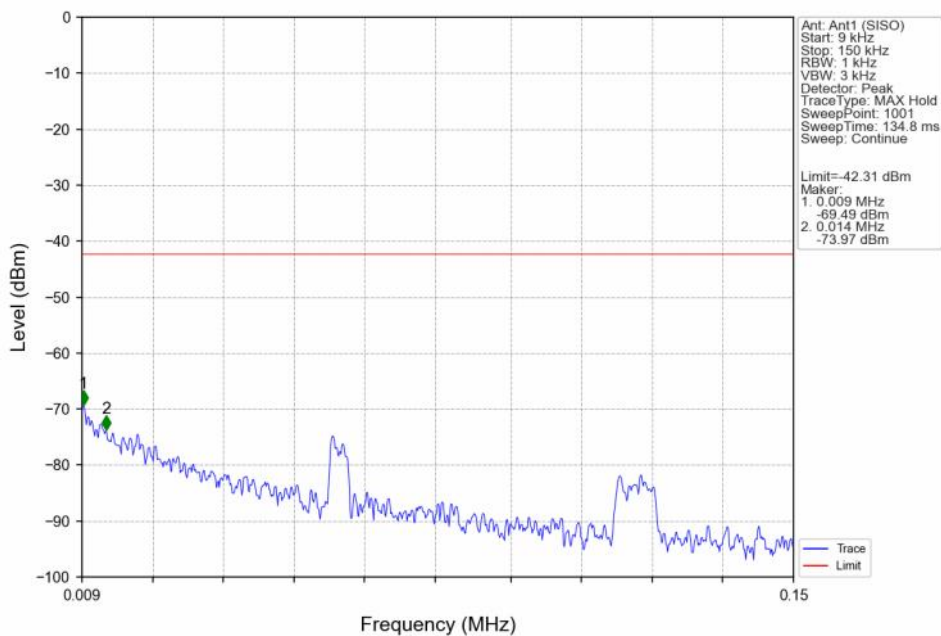


5.2.2 CSE

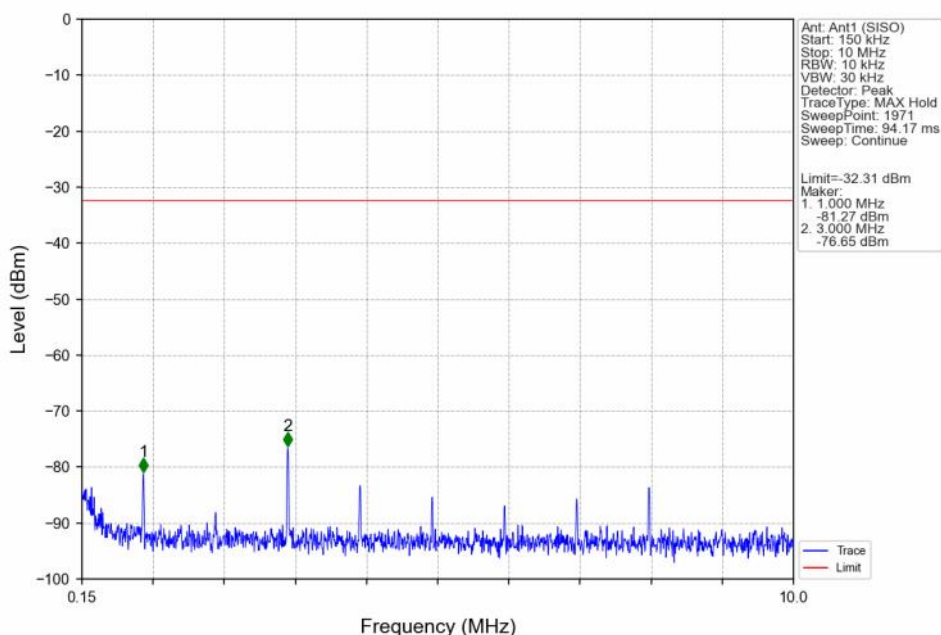
802.11b LCH 2412MHz_Ant1 (SISO)_NTNV



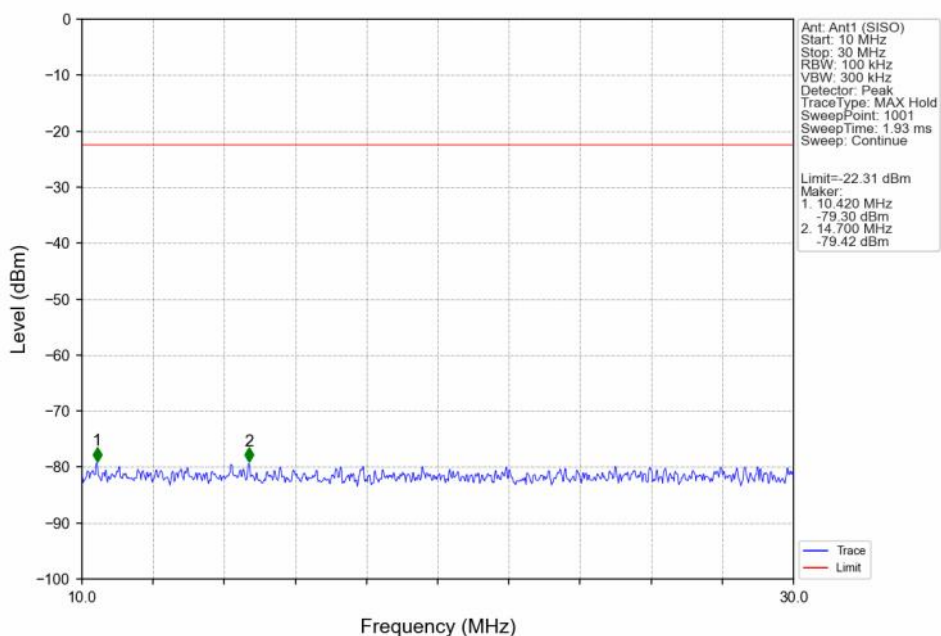
802.11b LCH 2412MHz_Ant1 (SISO)_NTNV



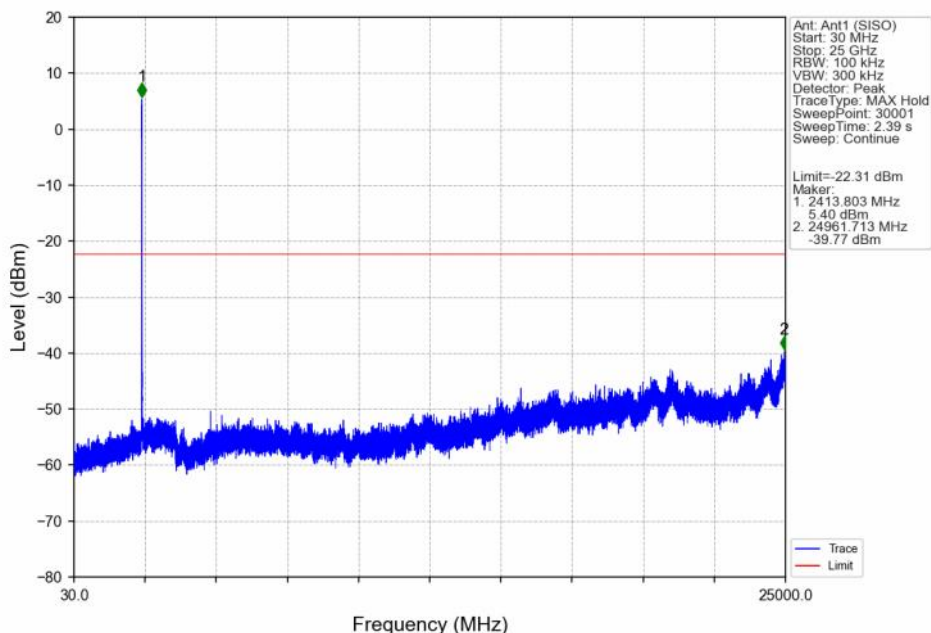
802.11b_LCH_2412MHz_Ant1 (SISO)_NTNV



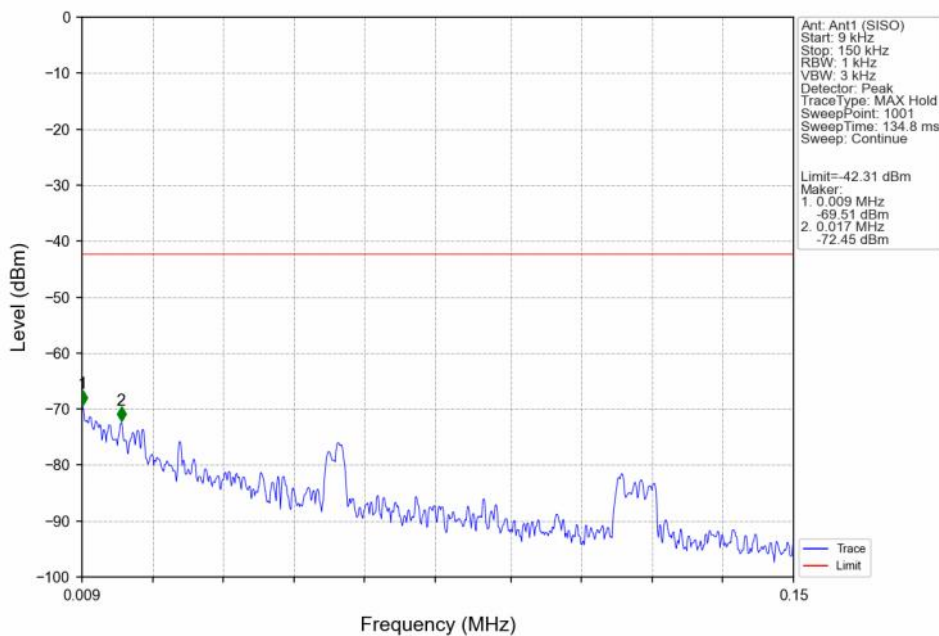
802.11b_LCH_2412MHz_Ant1 (SISO)_NTNV



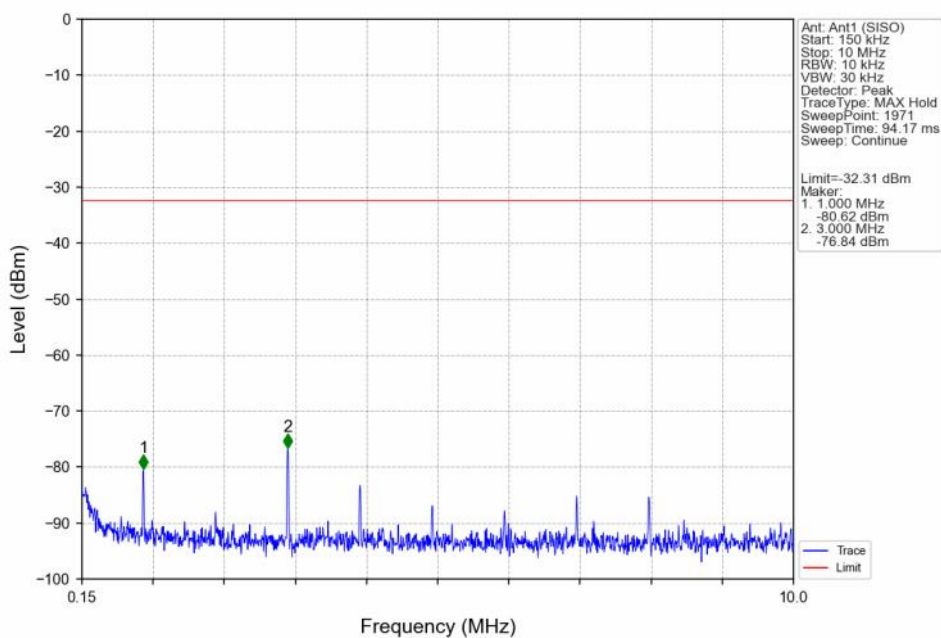
802.11b_LCH_2412MHz_Ant1 (SISO)_NTNV



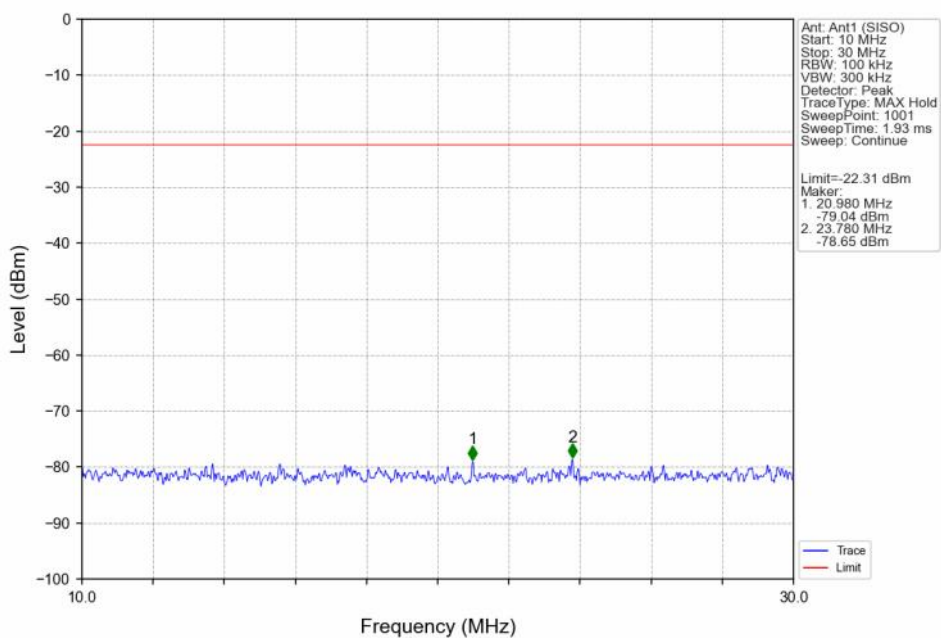
802.11b_MCH_2437MHz_Ant1 (SISO)_NTNV



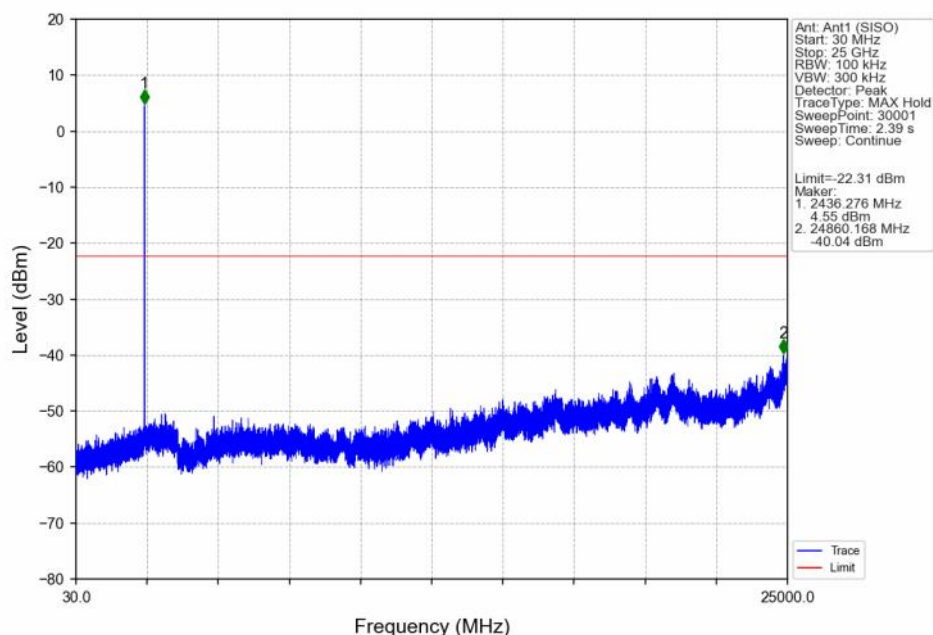
802.11b_MCH_2437MHz_Ant1 (SISO)_NTNV



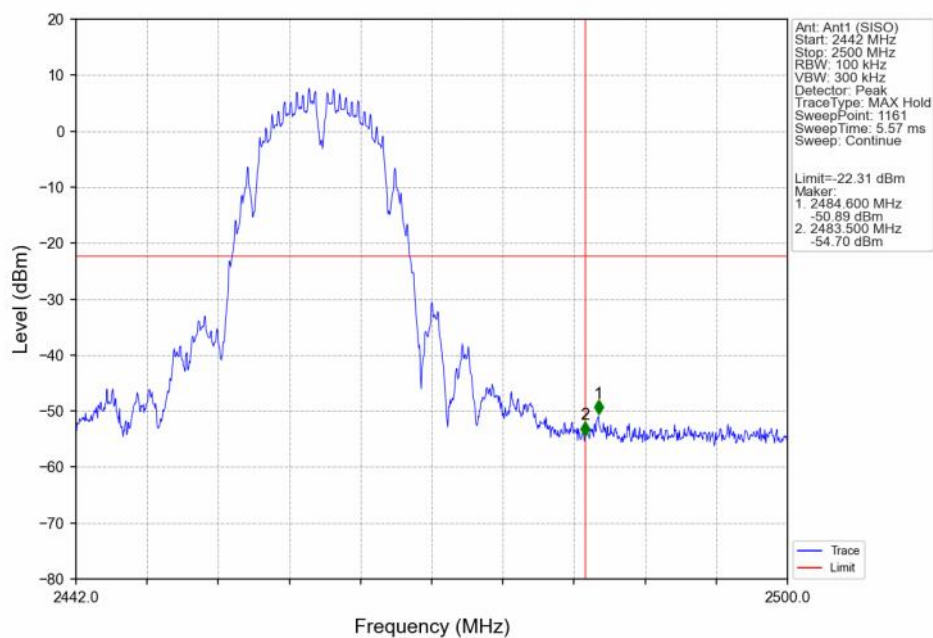
802.11b_MCH_2437MHz_Ant1 (SISO)_NTNV



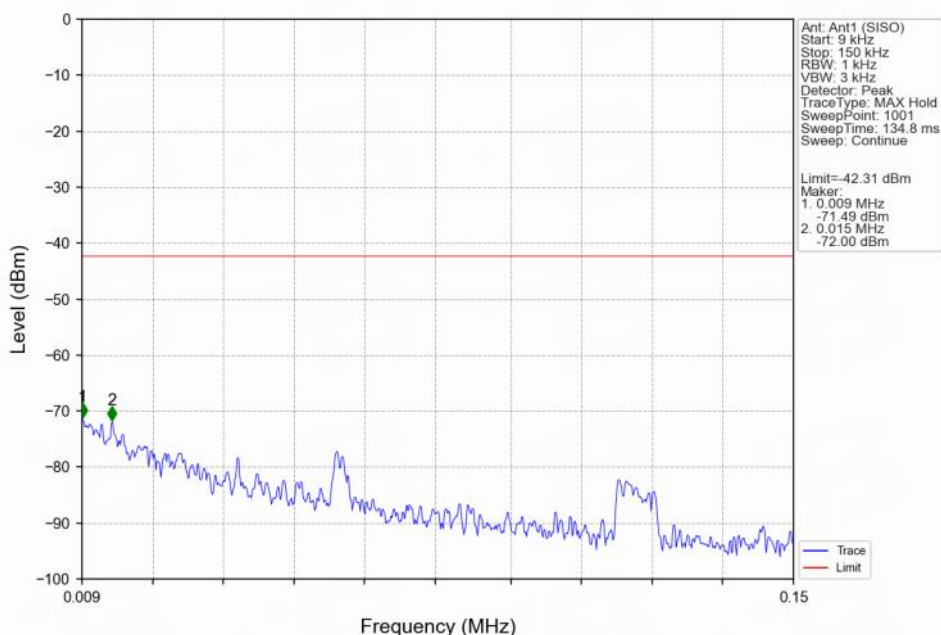
802.11b_MCH_2437MHz_Ant1 (SISO)_NTNV



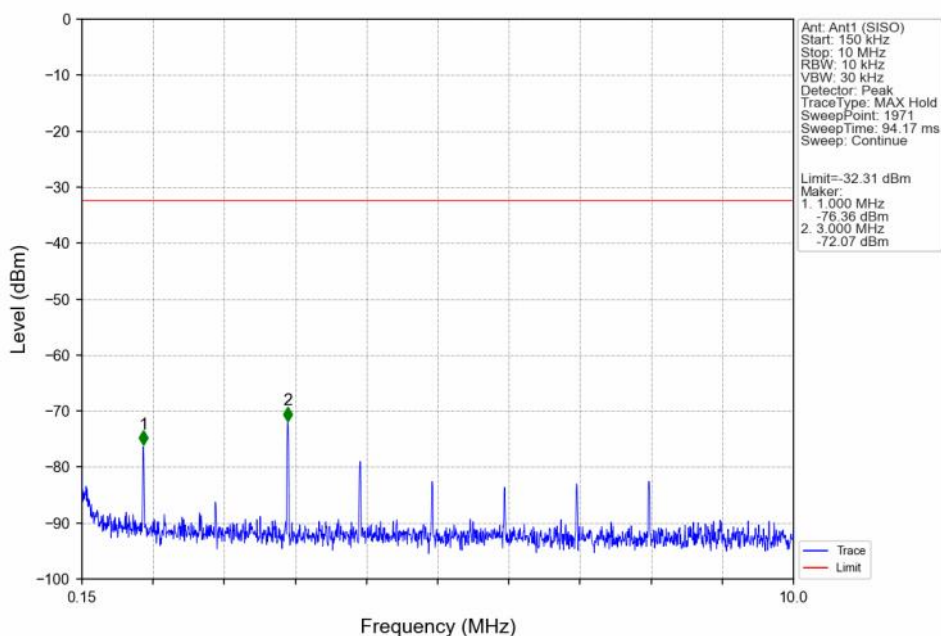
802.11b_HCH_2462MHz_Ant1 (SISO)_NTNV



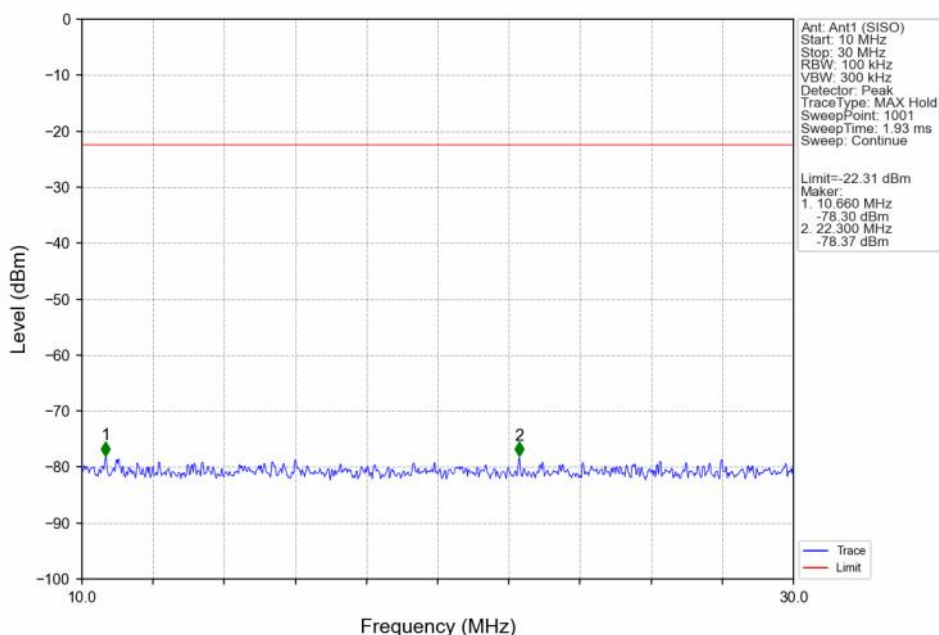
802.11b_HCH_2462MHz_Ant1 (SISO)_NTNV



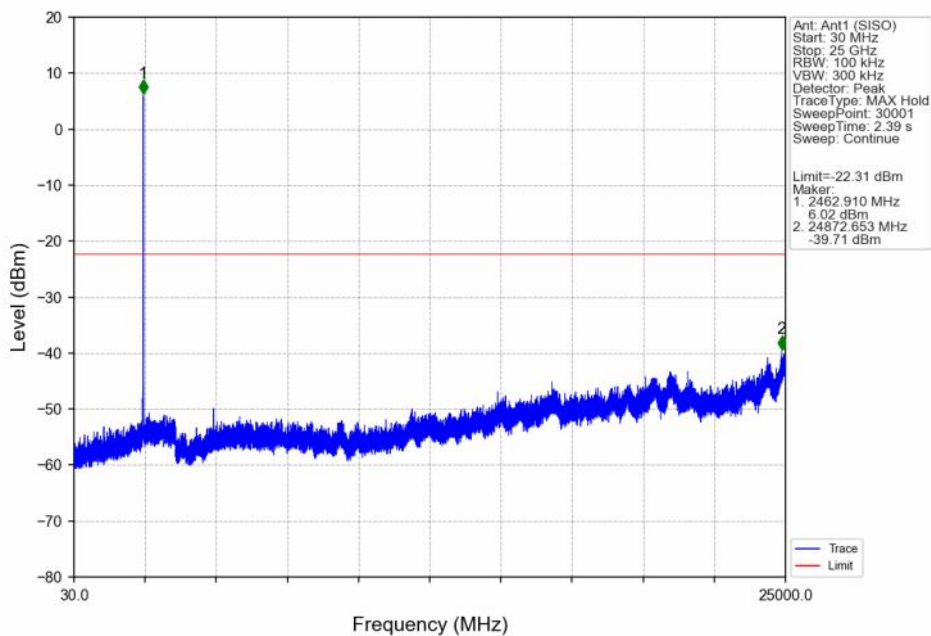
802.11b_HCH_2462MHz_Ant1 (SISO)_NTNV



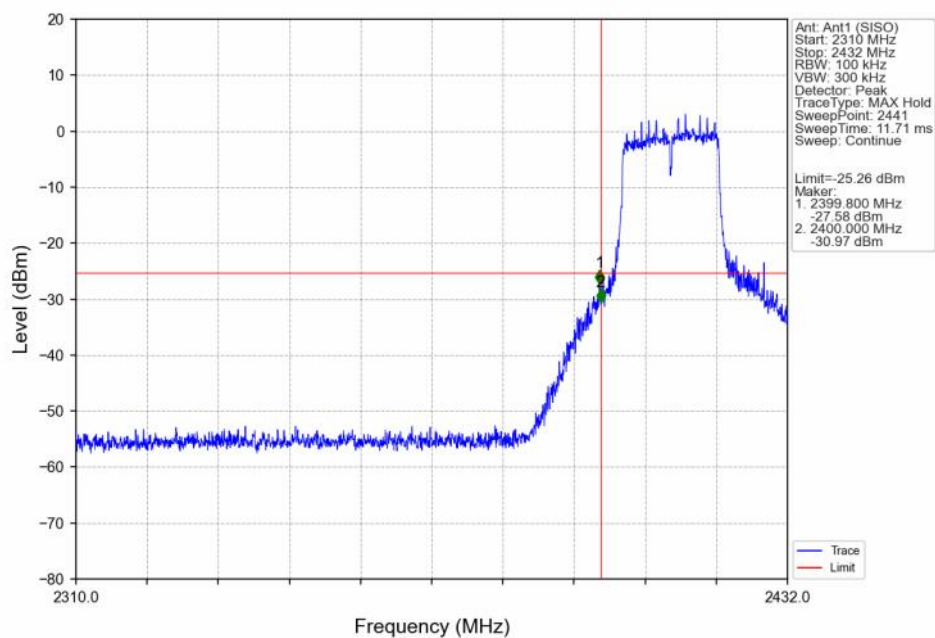
802.11b_HCH_2462MHz_Ant1 (SISO)_NTNV



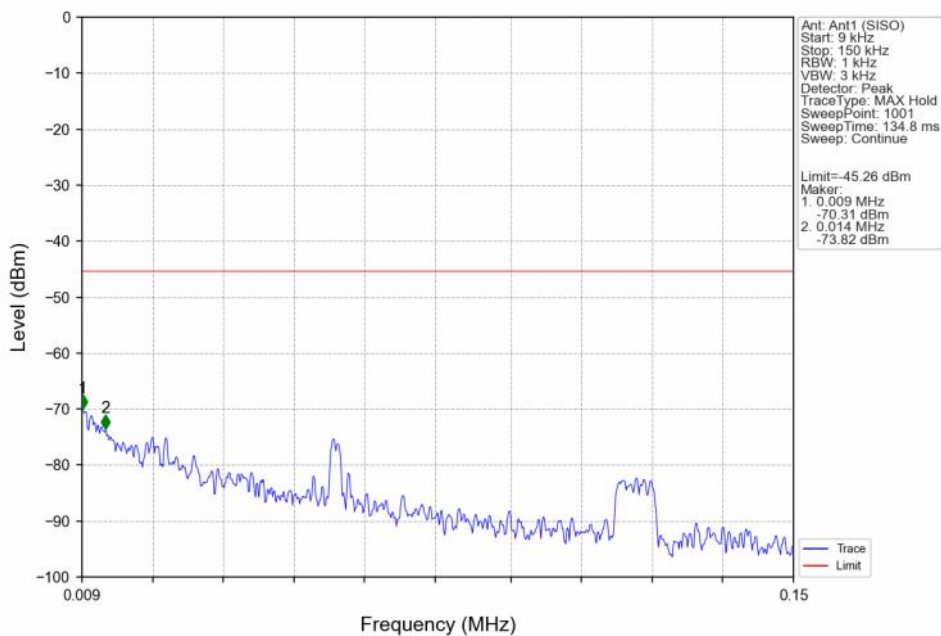
802.11b_HCH_2462MHz_Ant1 (SISO)_NTNV



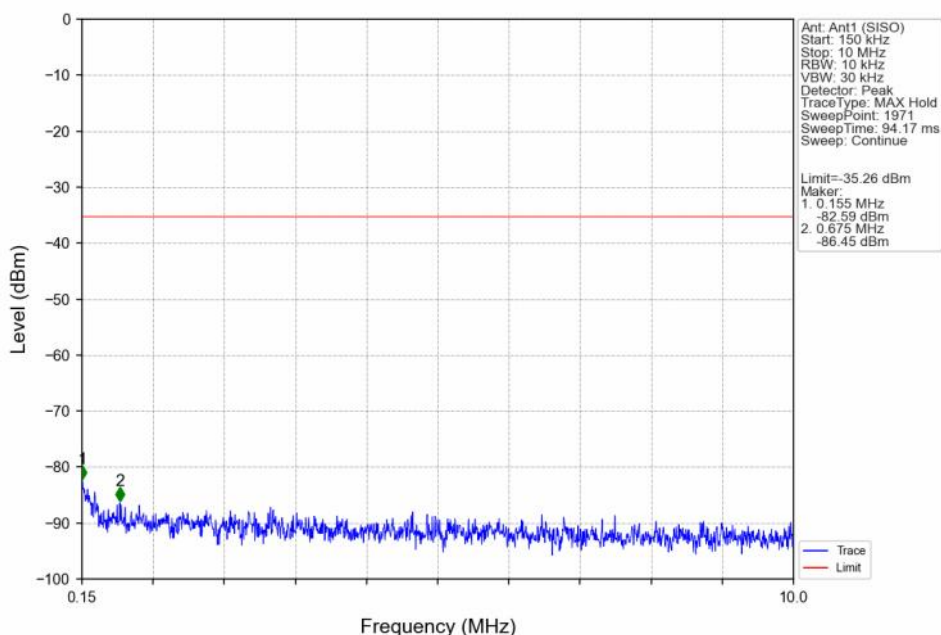
802.11g_LCH_2412MHz_Ant1 (SISO)_NTNV



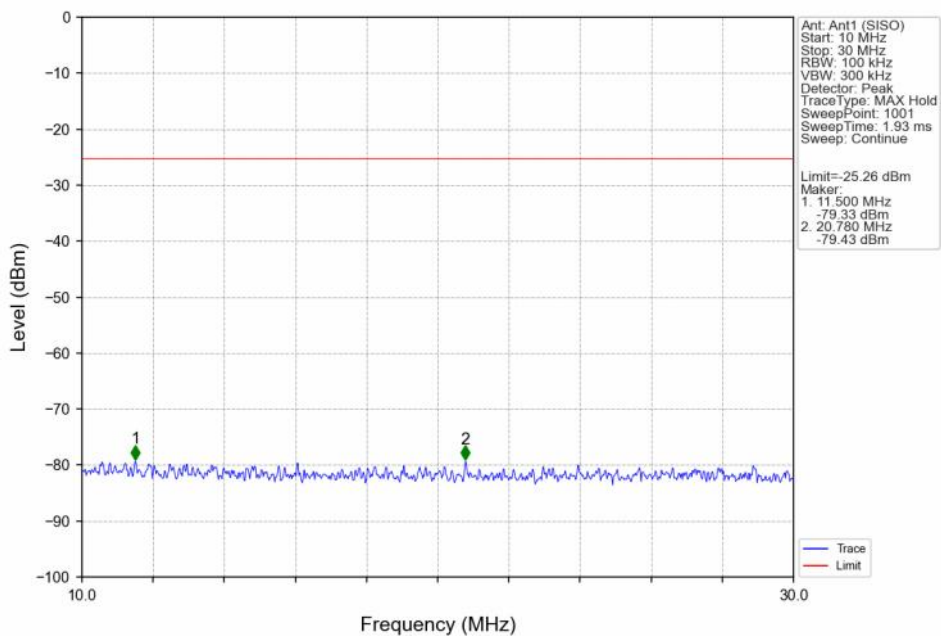
802.11g_LCH_2412MHz_Ant1 (SISO)_NTNV



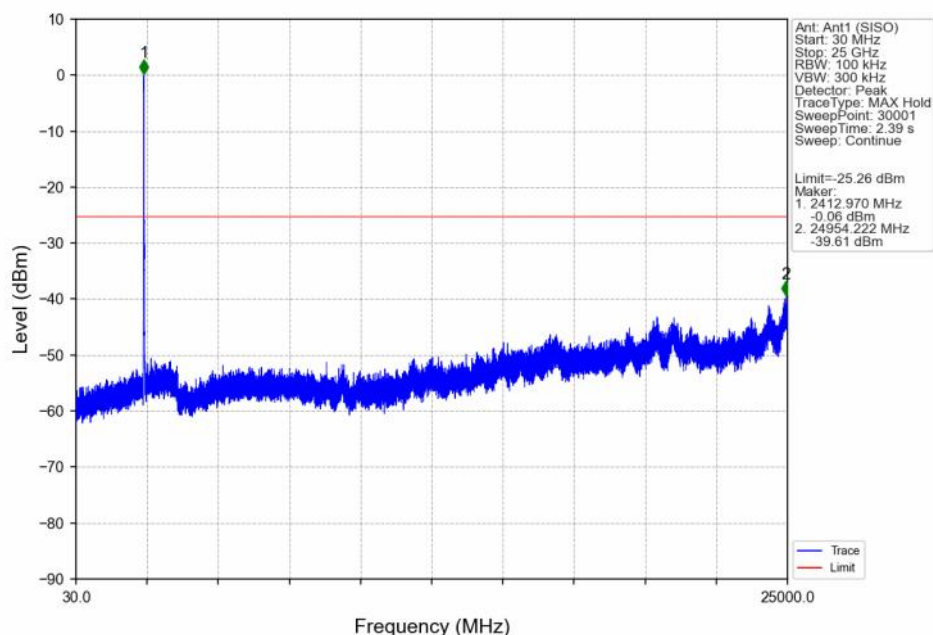
802.11g_LCH_2412MHz_Ant1 (SISO)_NTNV



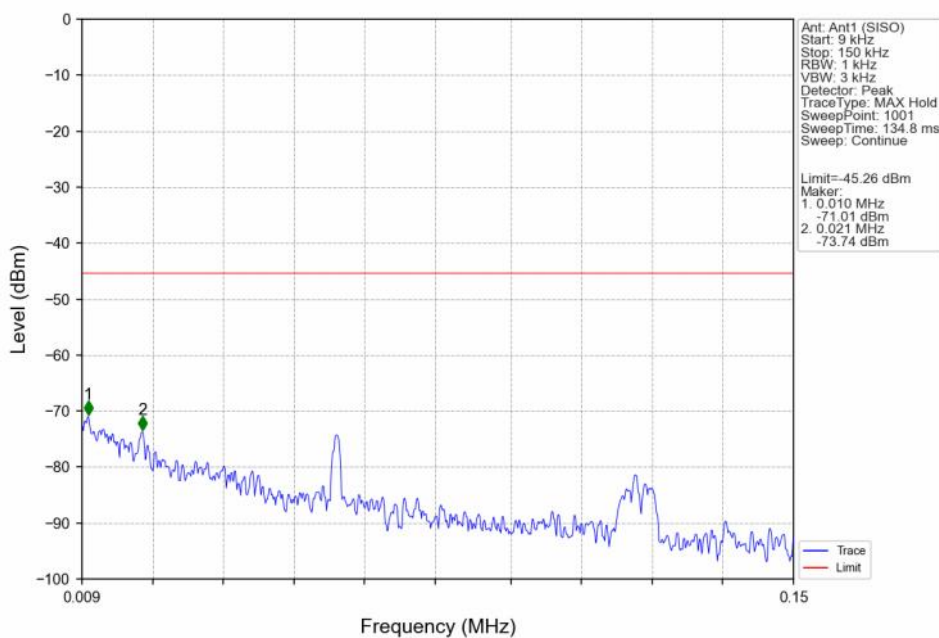
802.11g_LCH_2412MHz_Ant1 (SISO)_NTNV



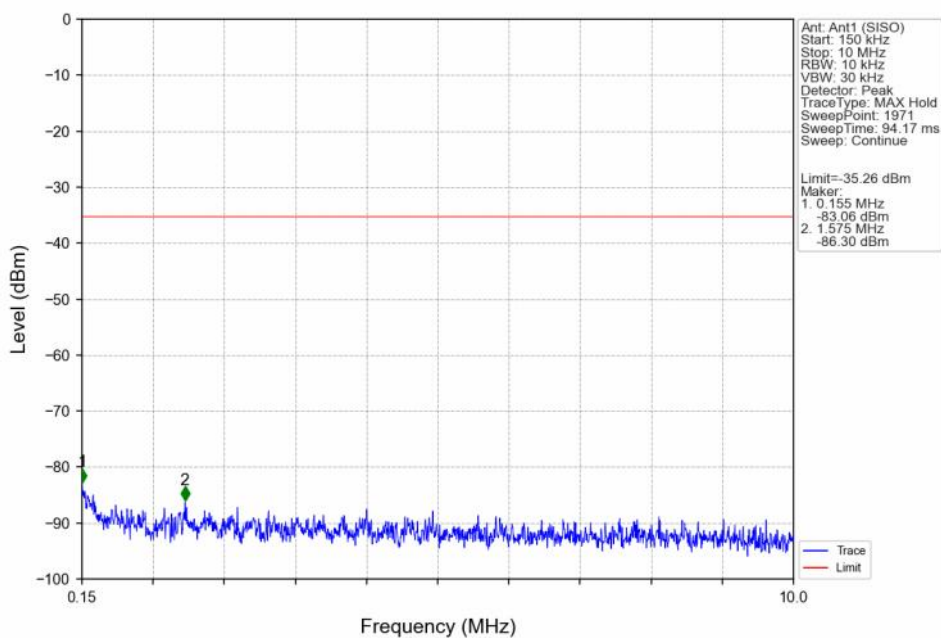
802.11g_LCH_2412MHz_Ant1 (SISO)_NTNV



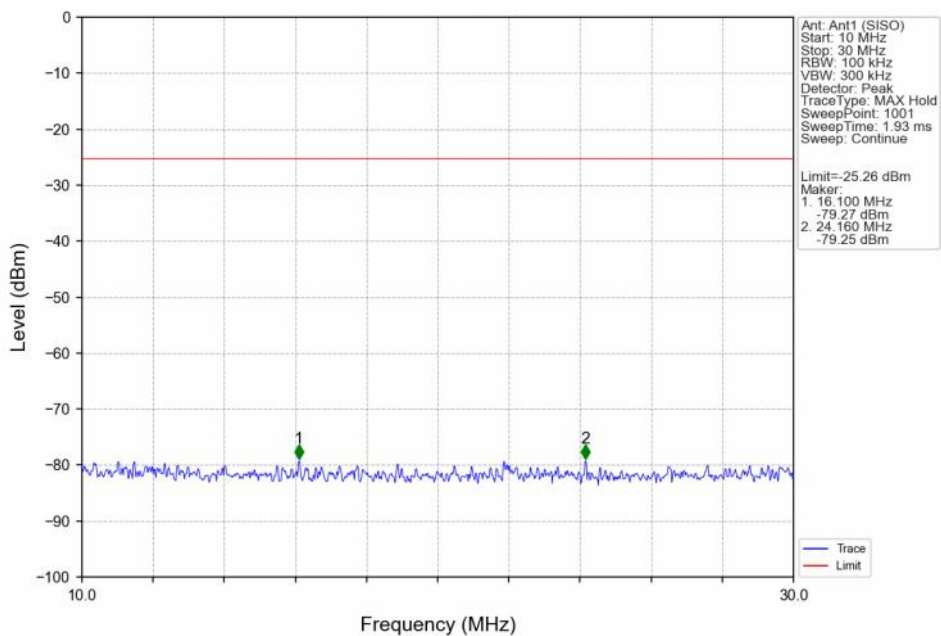
802.11g_MCH_2437MHz_Ant1 (SISO)_NTNV



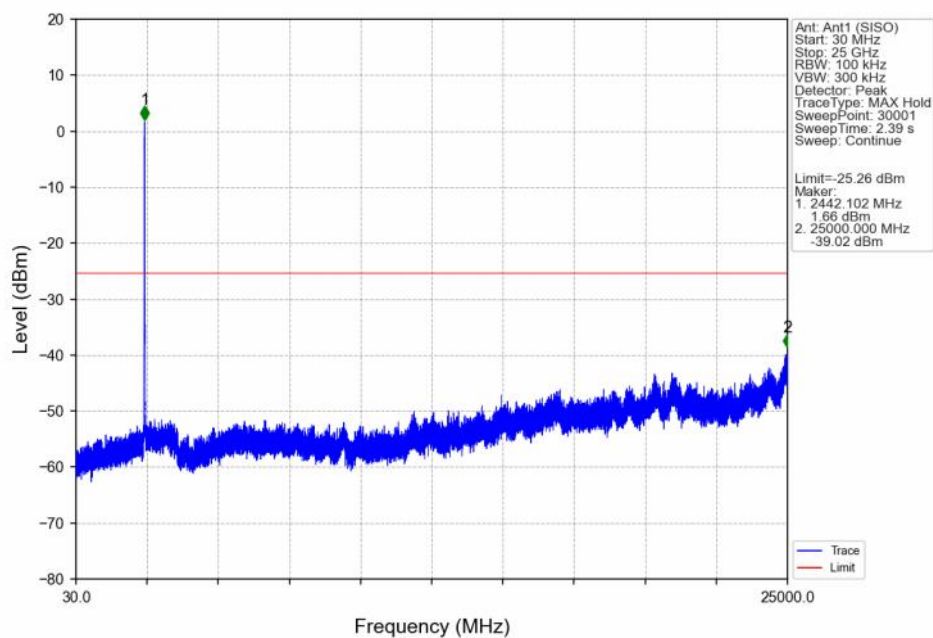
802.11g_MCH_2437MHz_Ant1 (SISO)_NTNV



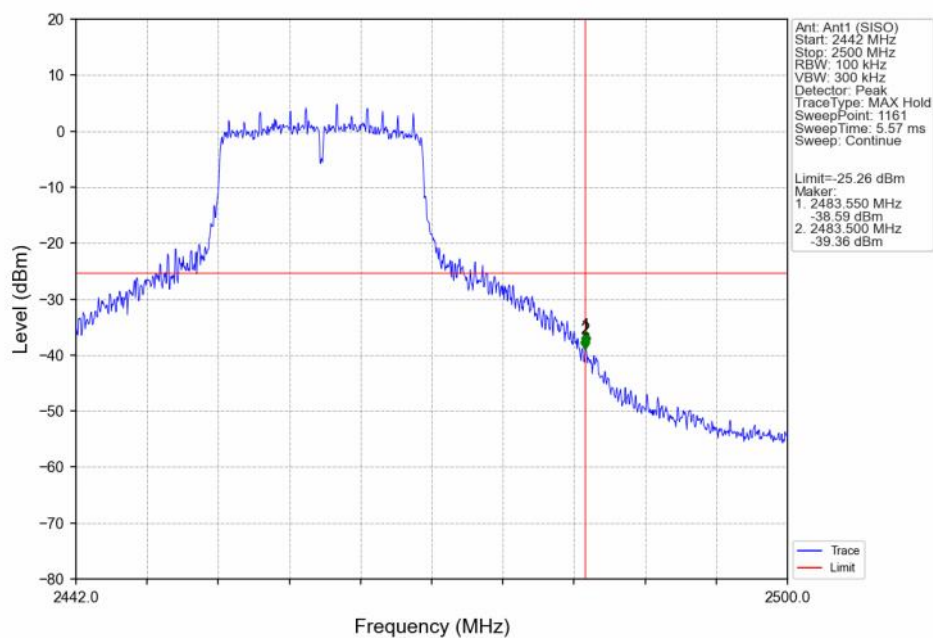
802.11g_MCH_2437MHz_Ant1 (SISO)_NTNV



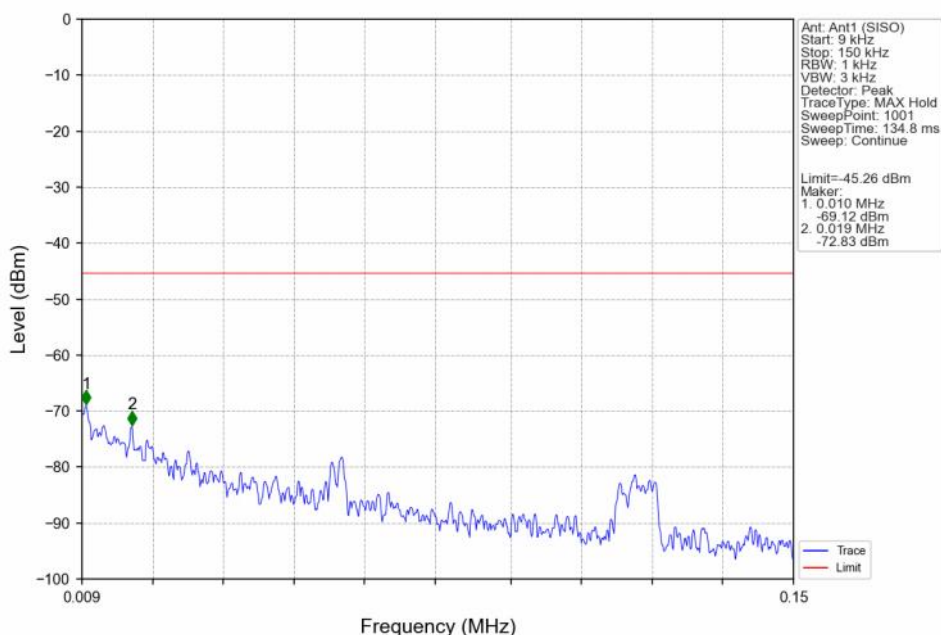
802.11g_MCH_2437MHz_Ant1 (SISO)_NTNV



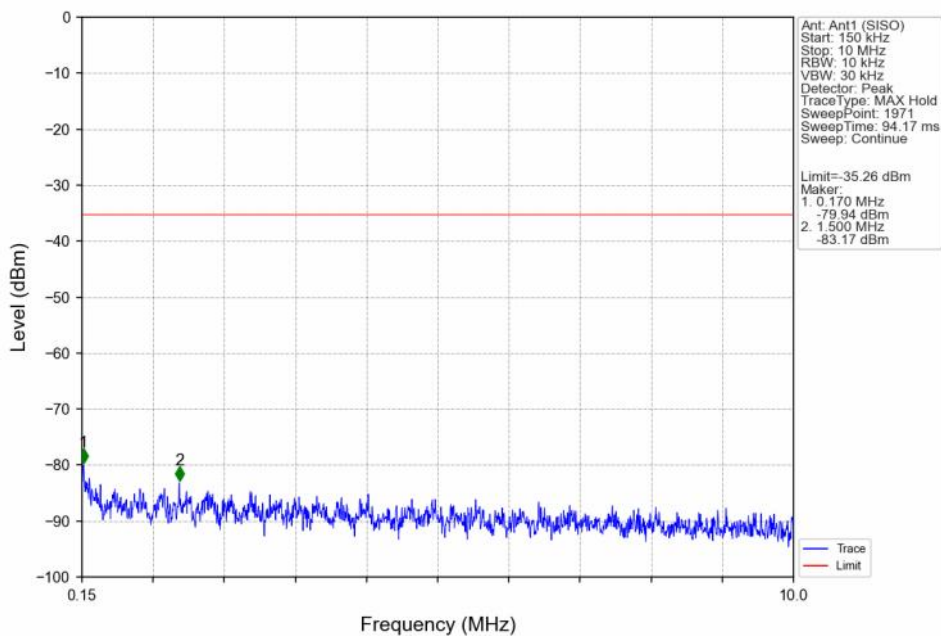
802.11g_HCH_2462MHz_Ant1 (SISO)_NTNV



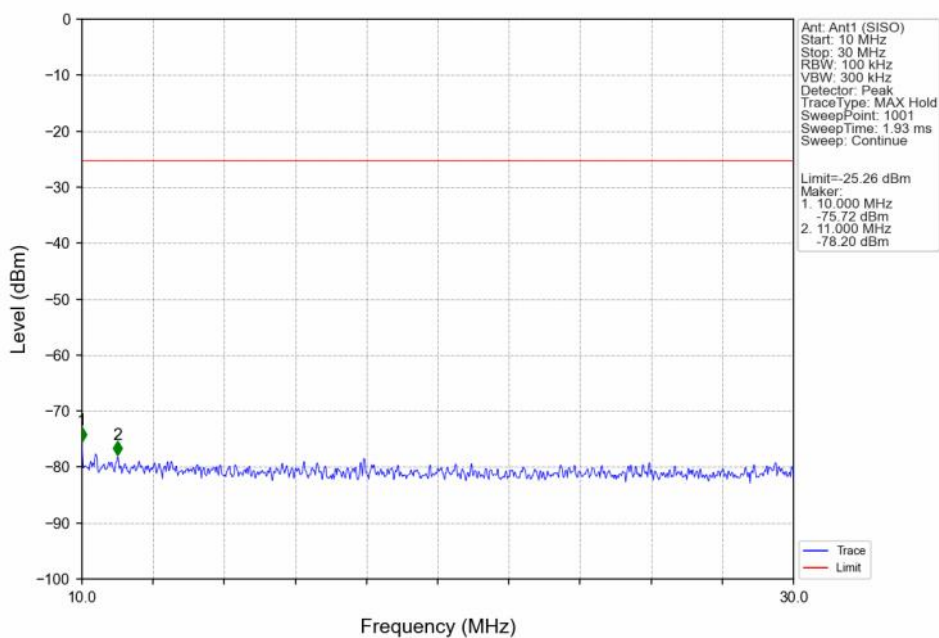
802.11g_HCH_2462MHz_Ant1 (SISO)_NTNV



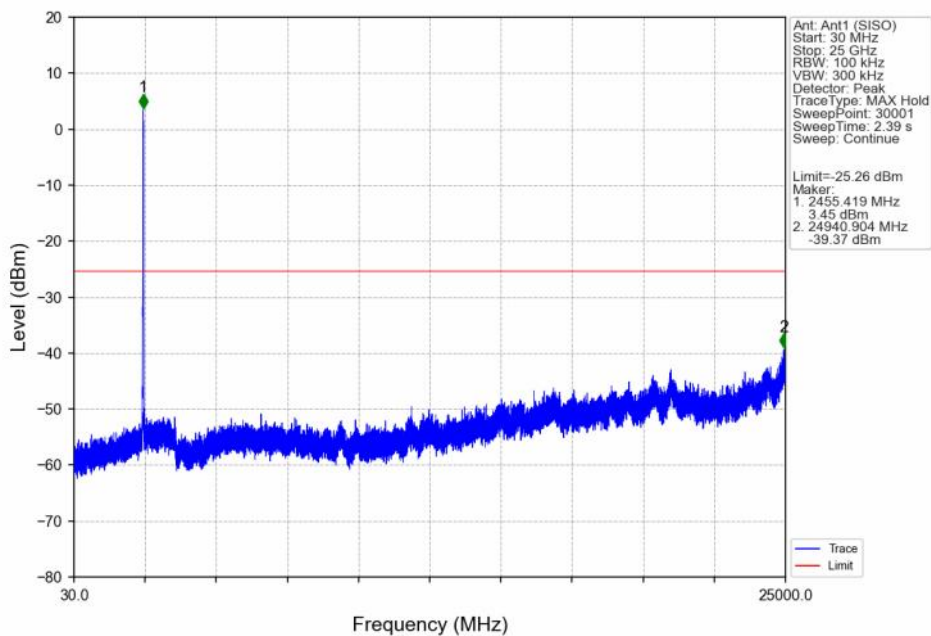
802.11g_HCH_2462MHz_Ant1 (SISO)_NTNV



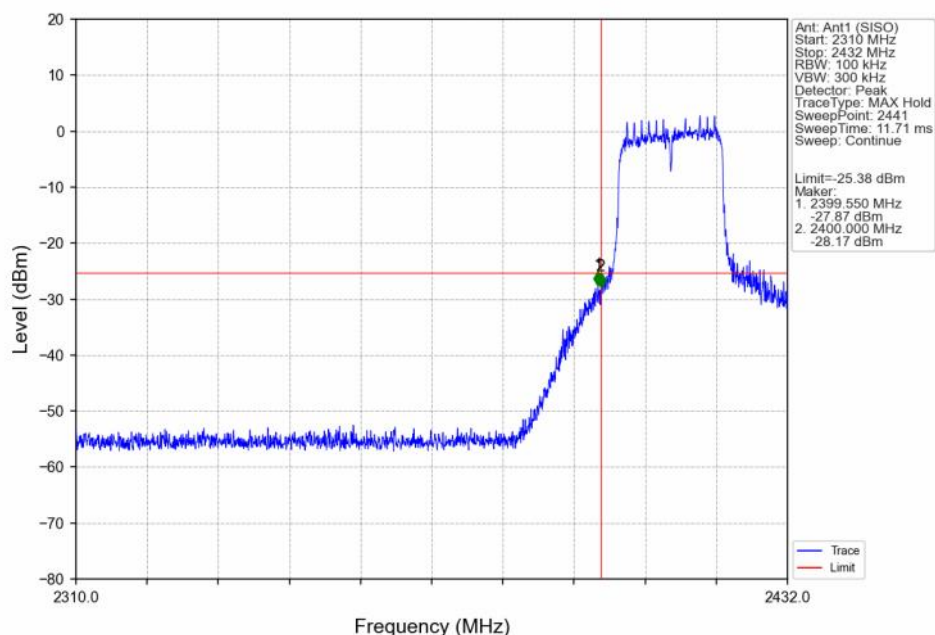
802.11g_HCH_2462MHz_Ant1 (SISO)_NTNV



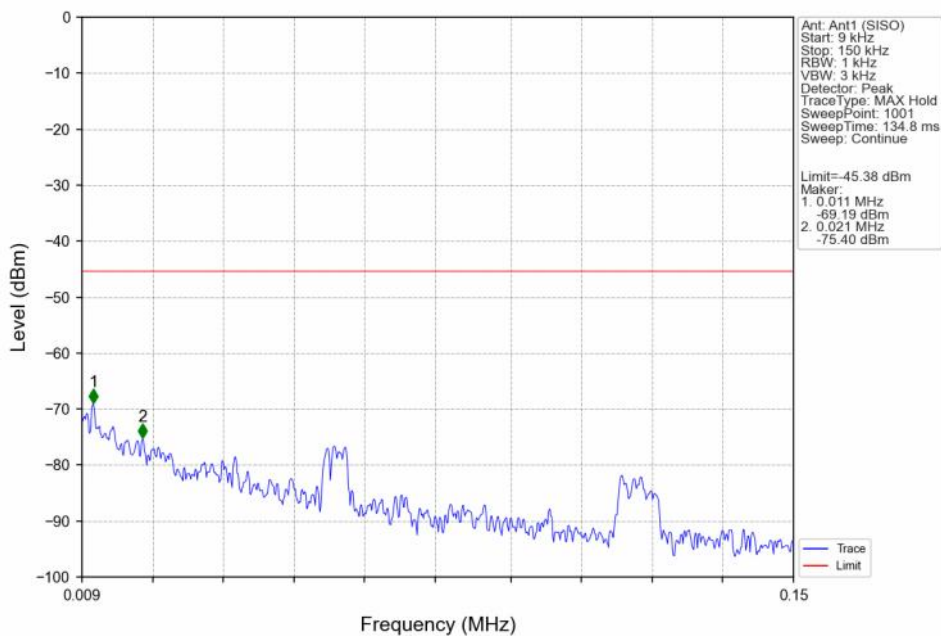
802.11g_HCH_2462MHz_Ant1 (SISO)_NTNV



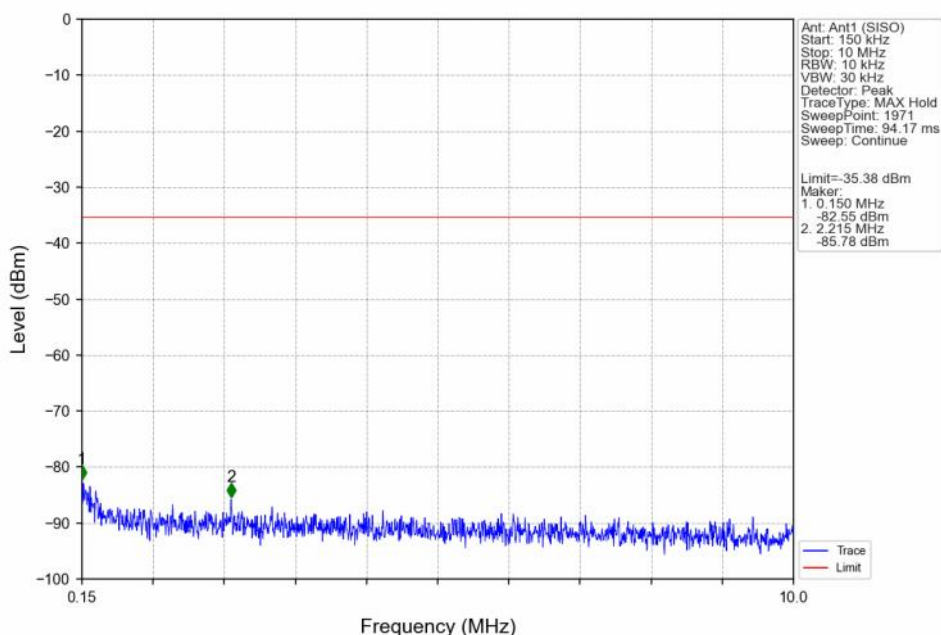
802.11n(HT20)_LCH_2412MHz_Ant1 (SISO)_NTNV



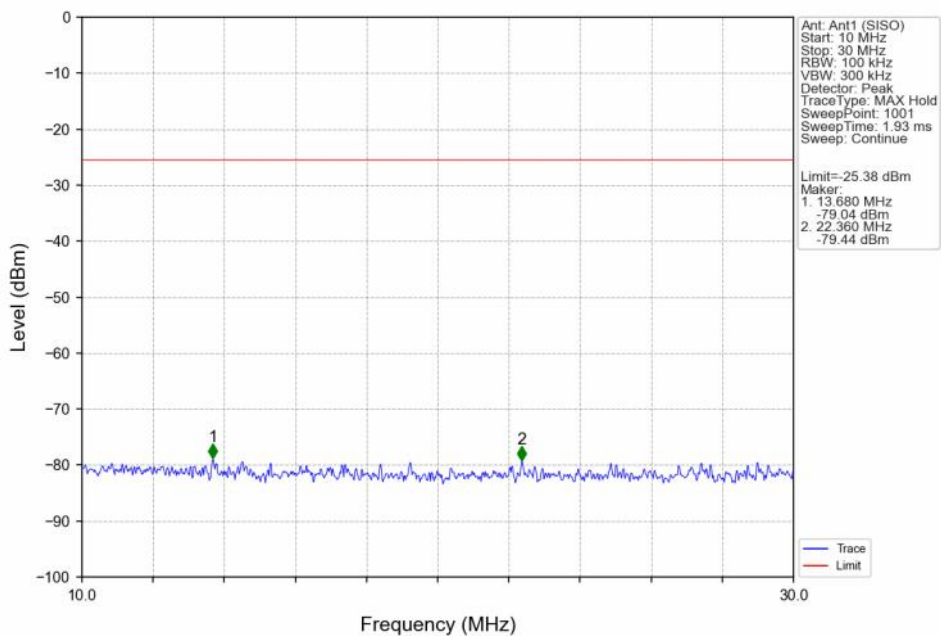
802.11n(HT20)_LCH_2412MHz_Ant1 (SISO)_NTNV



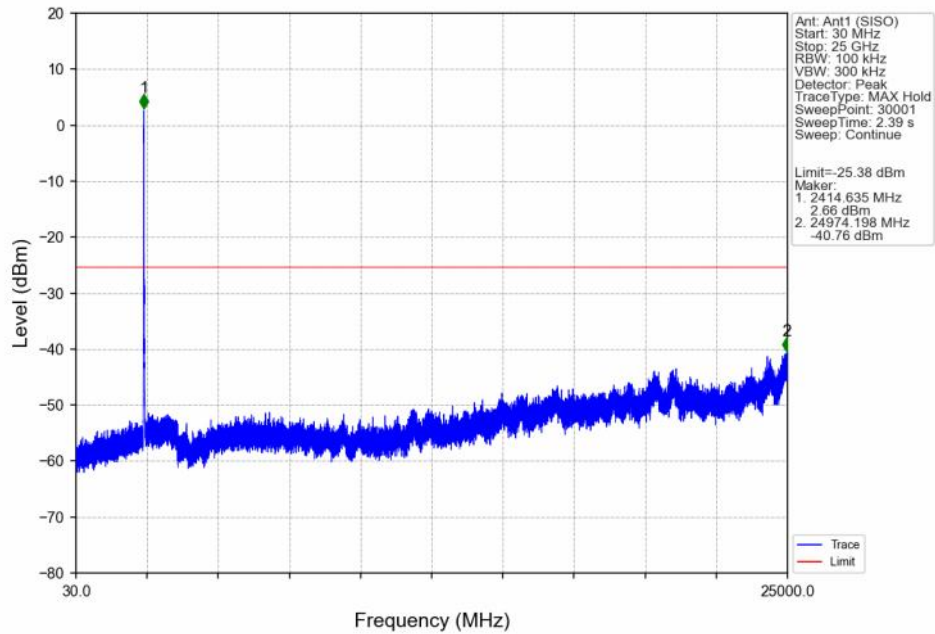
802.11n(HT20)_LCH_2412MHz_Ant1 (SISO)_NTNV



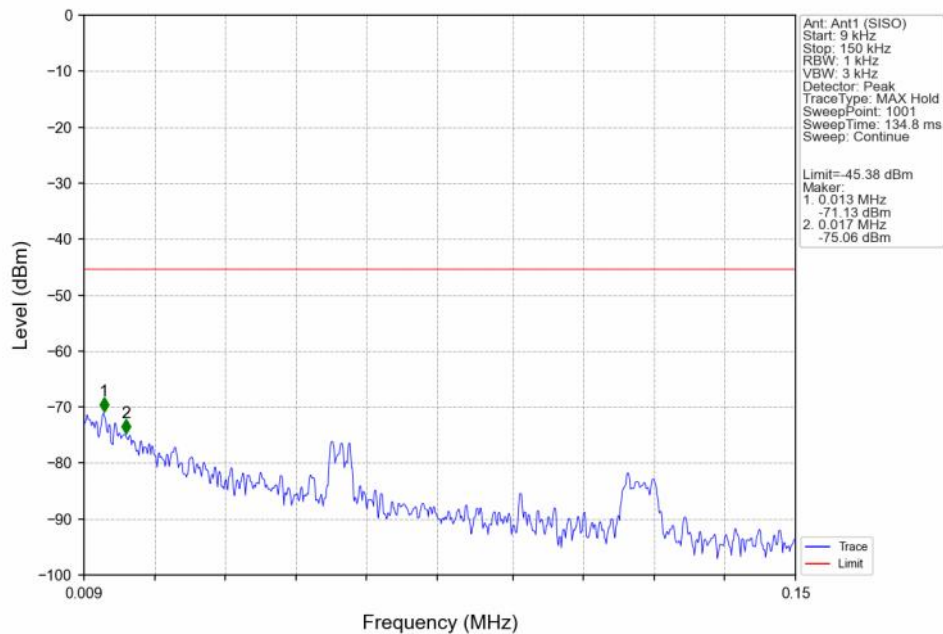
802.11n(HT20)_LCH_2412MHz_Ant1 (SISO)_NTNV



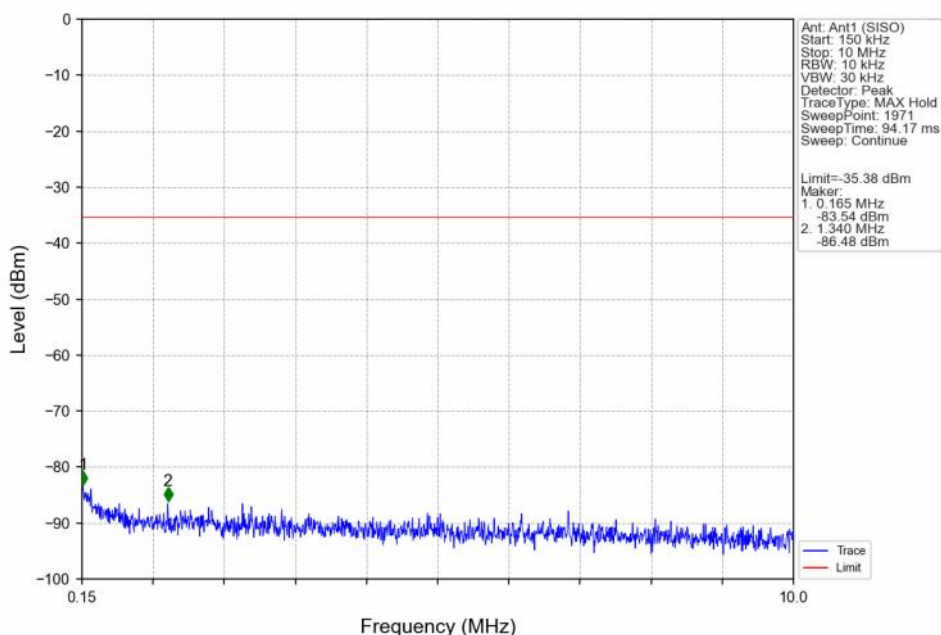
802.11n(HT20)_LCH_2412MHz_Ant1 (SISO)_NTNV



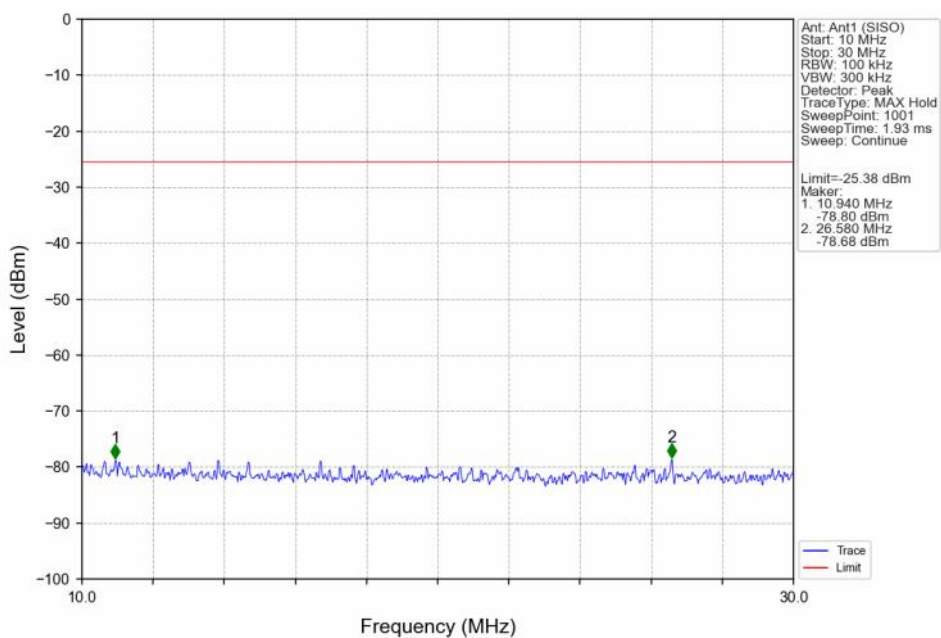
802.11n(HT20)_MCH_2437MHz_Ant1 (SISO)_NTNV



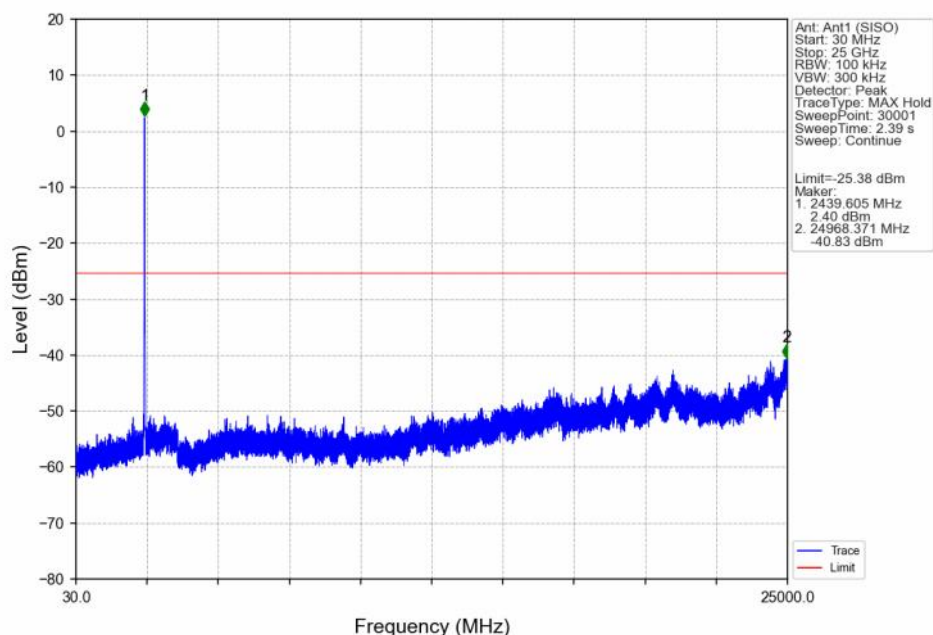
802.11n(HT20)_MCH_2437MHz_Ant1 (SISO)_NTNV



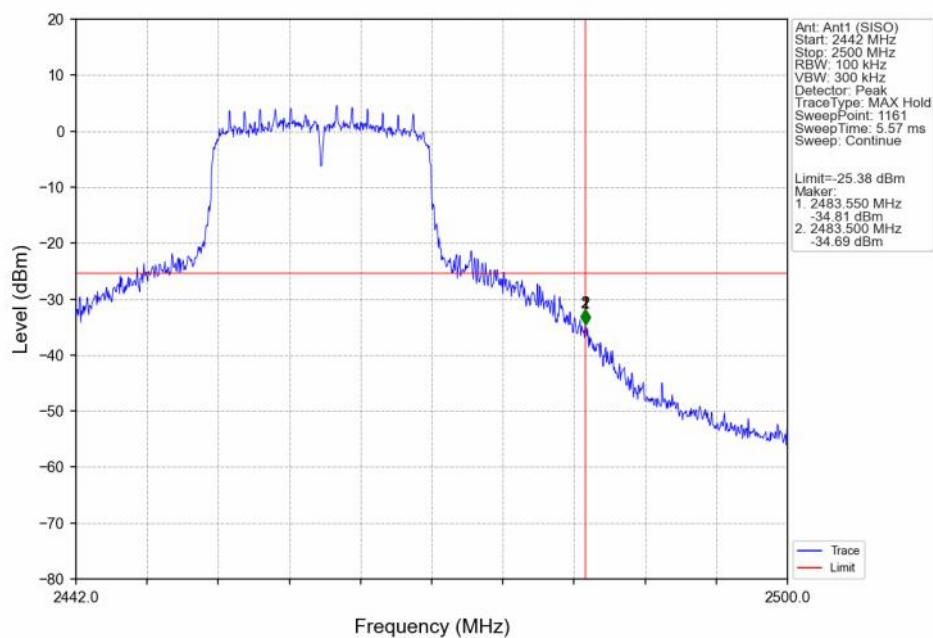
802.11n(HT20)_MCH_2437MHz_Ant1 (SISO)_NTNV



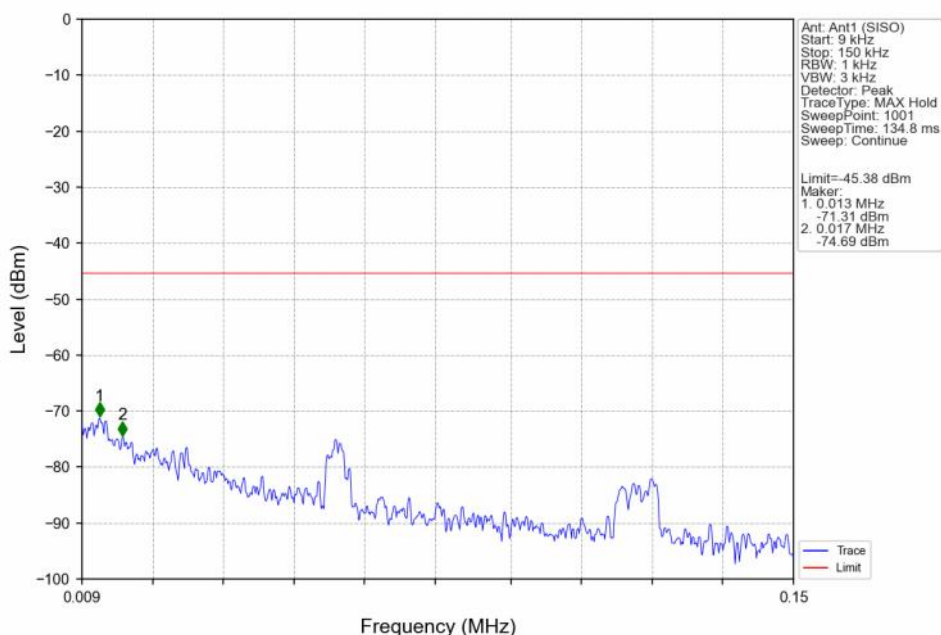
802.11n(HT20)_MCH_2437MHz_Ant1 (SISO)_NTNV



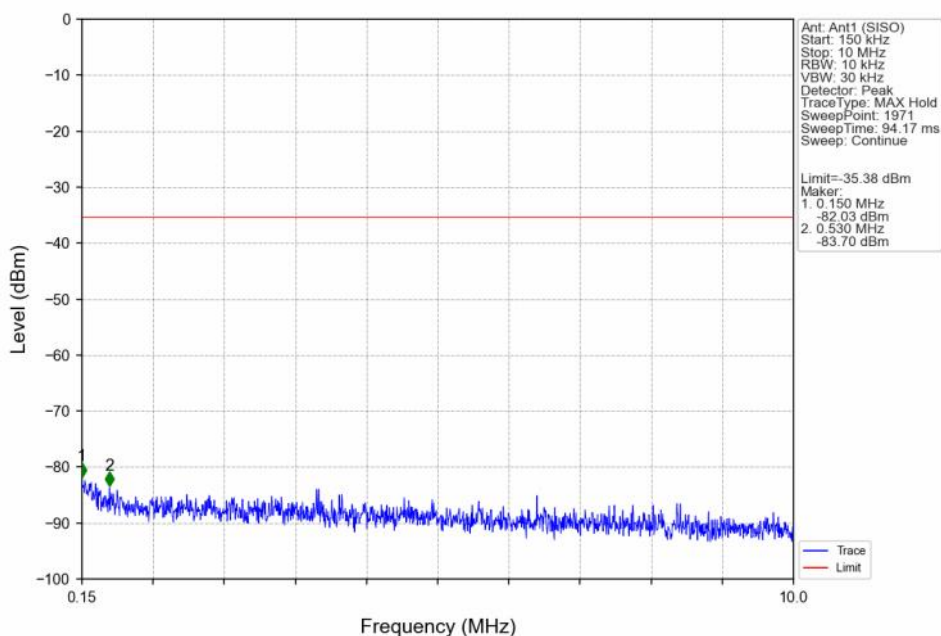
802.11n(HT20)_HCH_2462MHz_Ant1 (SISO)_NTNV



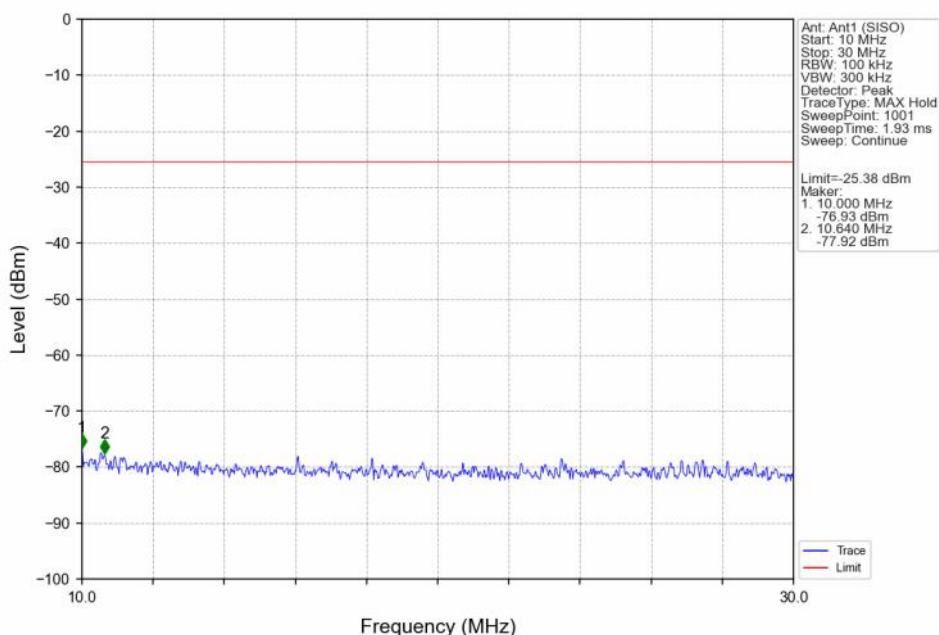
802.11n(HT20)_HCH_2462MHz_Ant1 (SISO)_NTNV



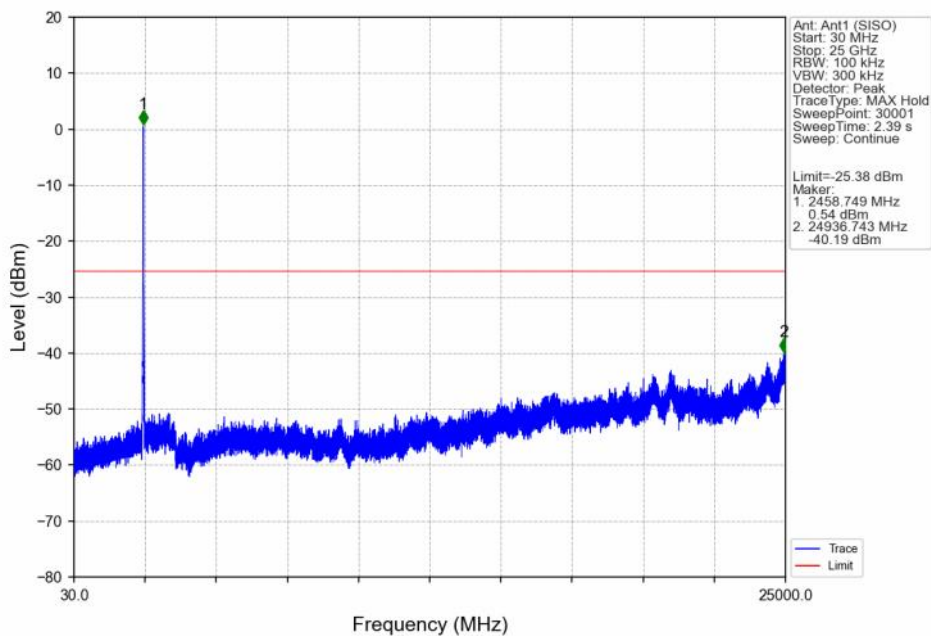
802.11n(HT20)_HCH_2462MHz_Ant1 (SISO)_NTNV



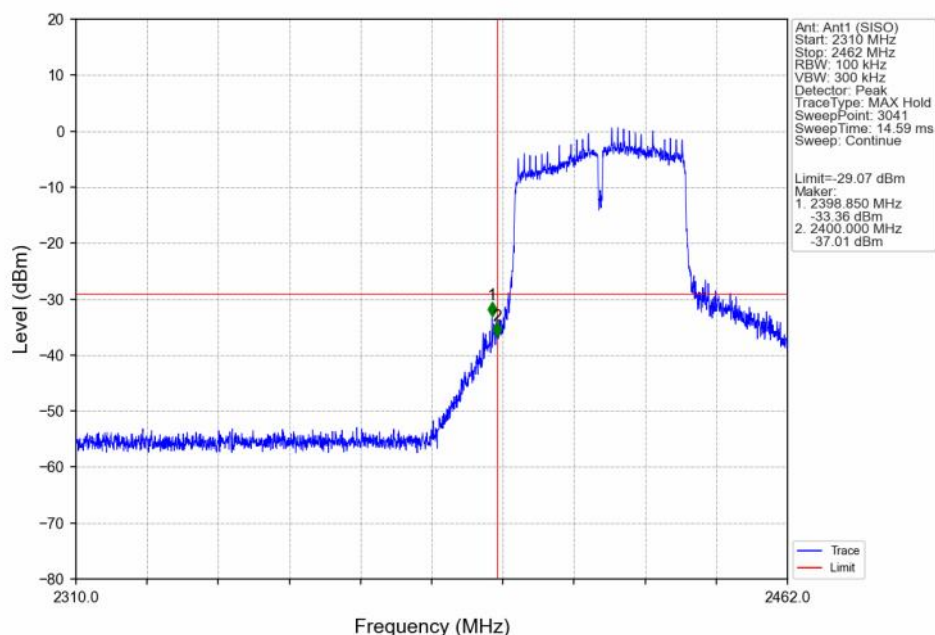
802.11n(HT20)_HCH_2462MHz_Ant1 (SISO)_NTNV



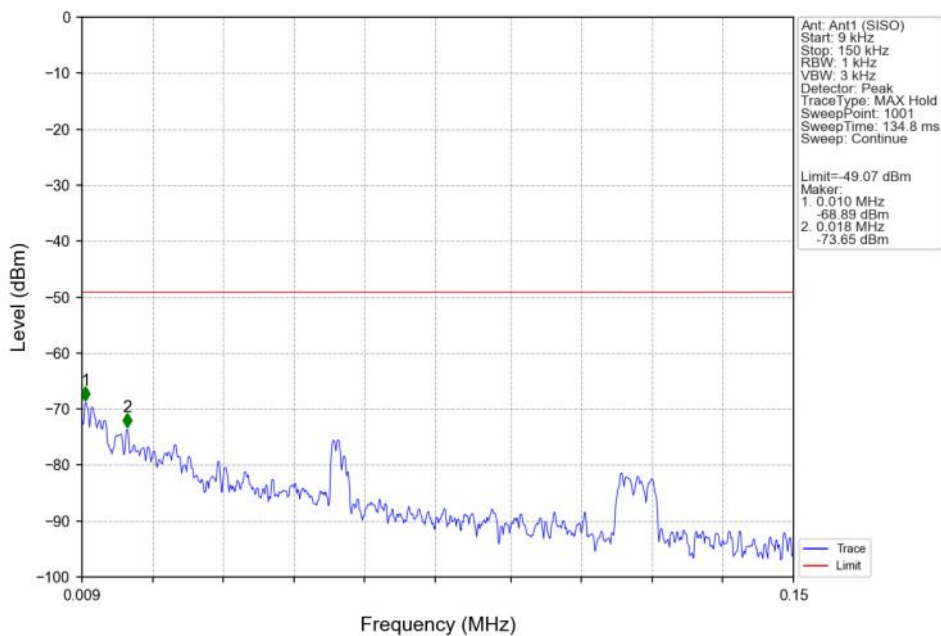
802.11n(HT20)_HCH_2462MHz_Ant1 (SISO)_NTNV



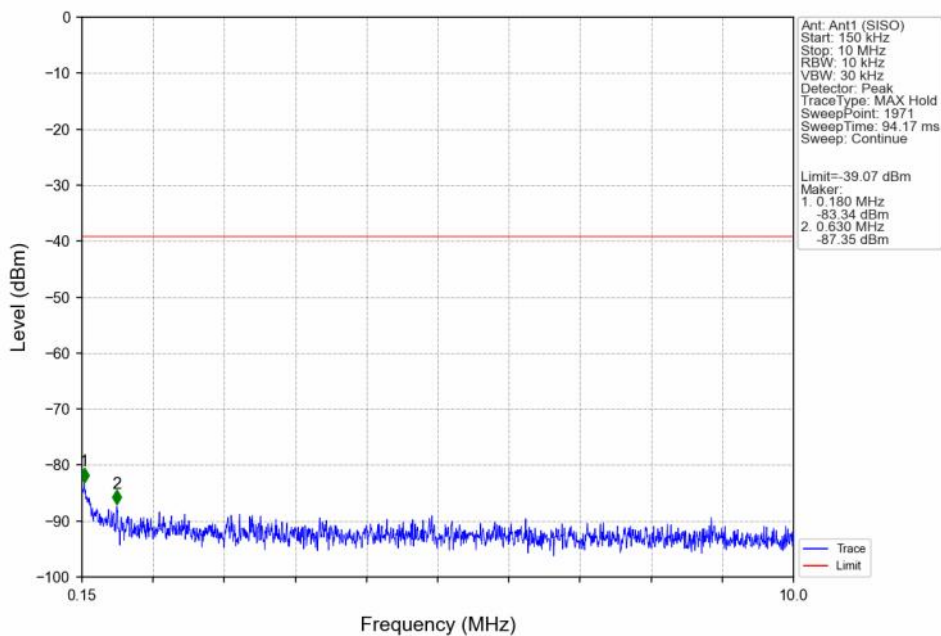
802.11n(HT40)_LCH_2422MHz_Ant1 (SISO)_NTNV



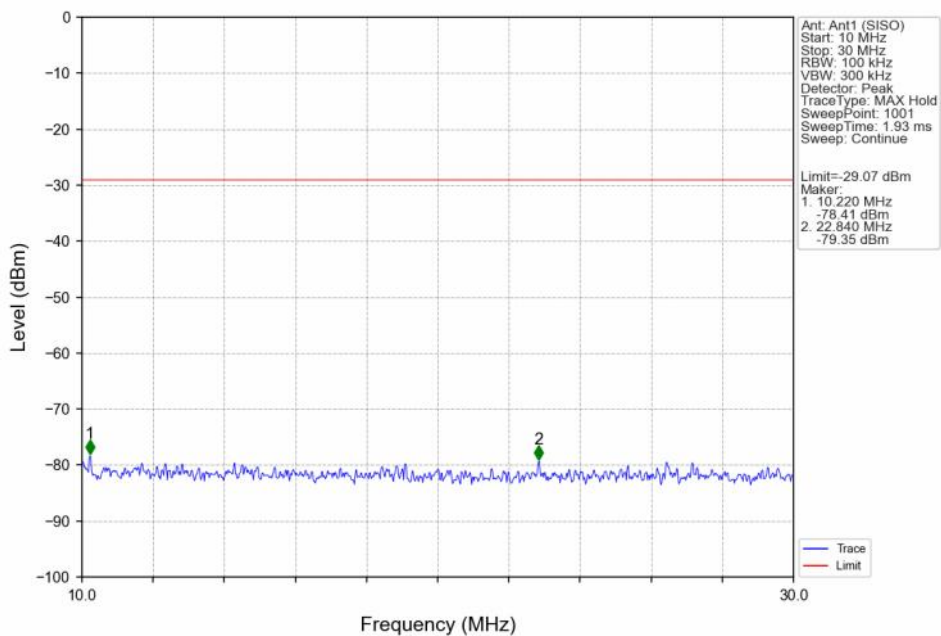
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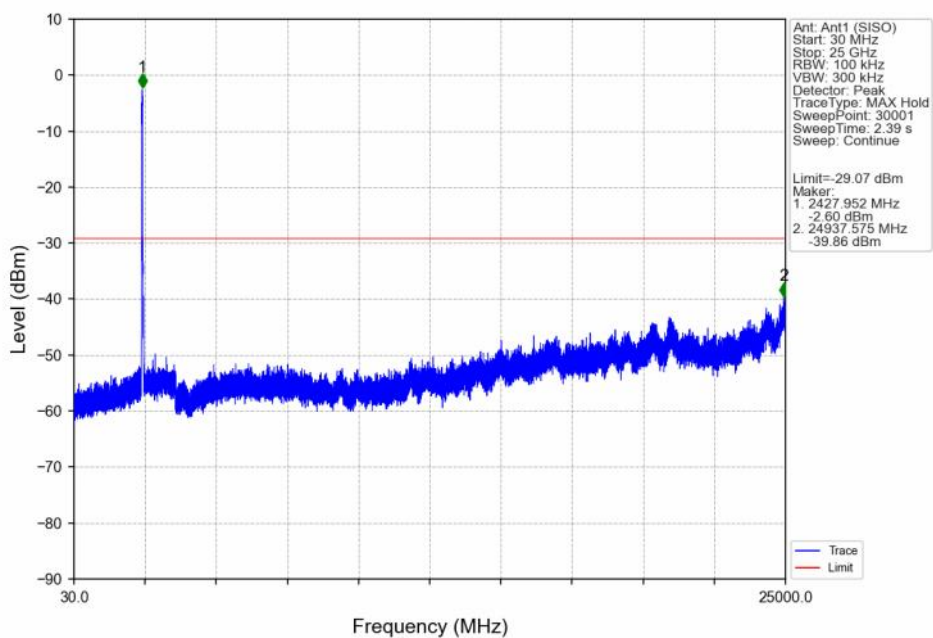
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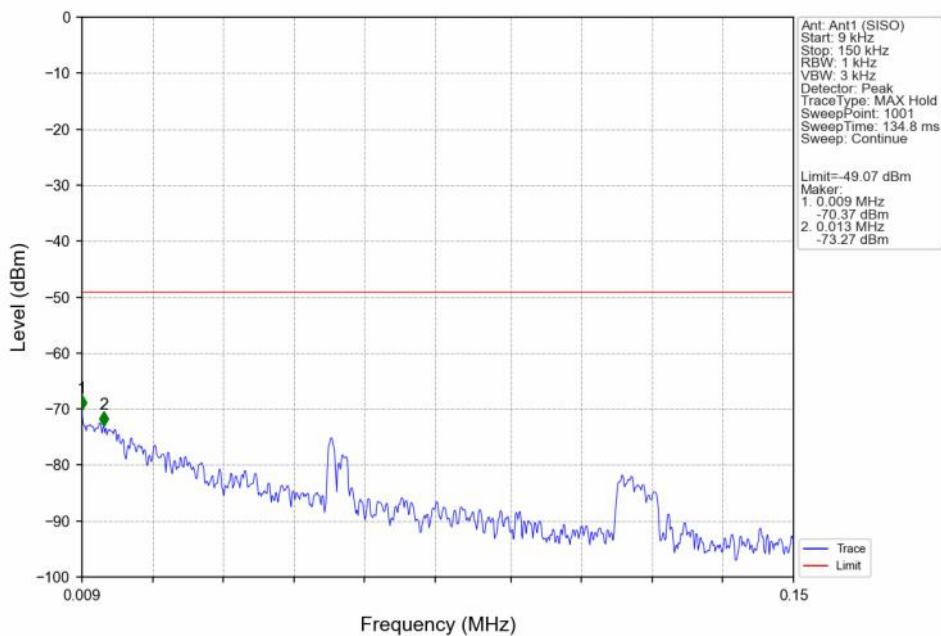
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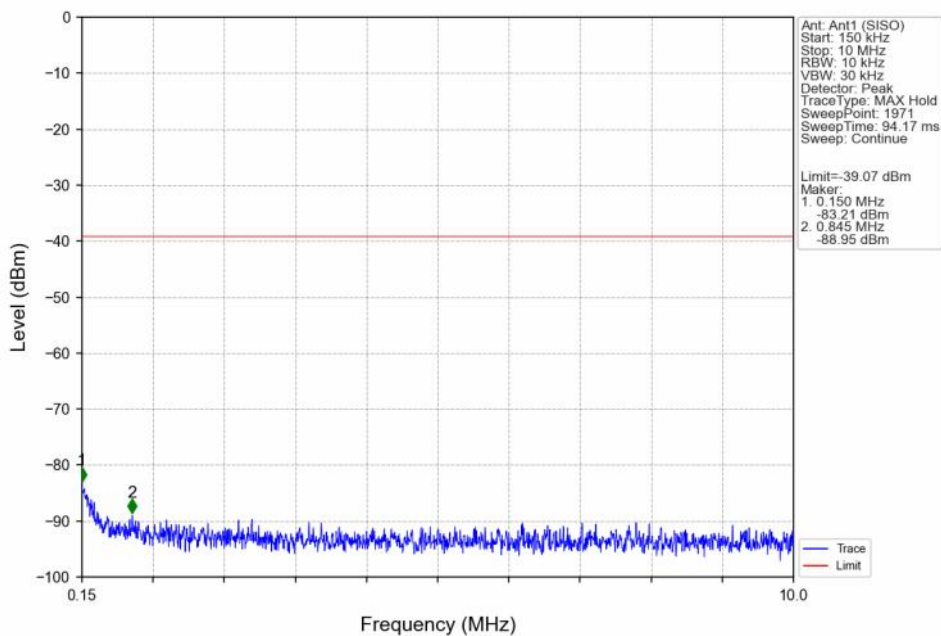
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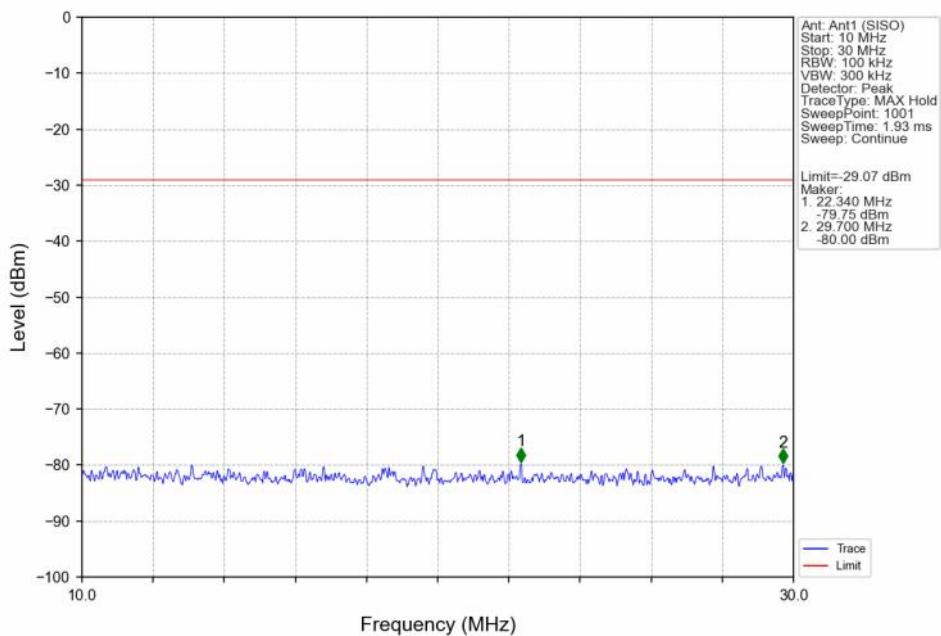
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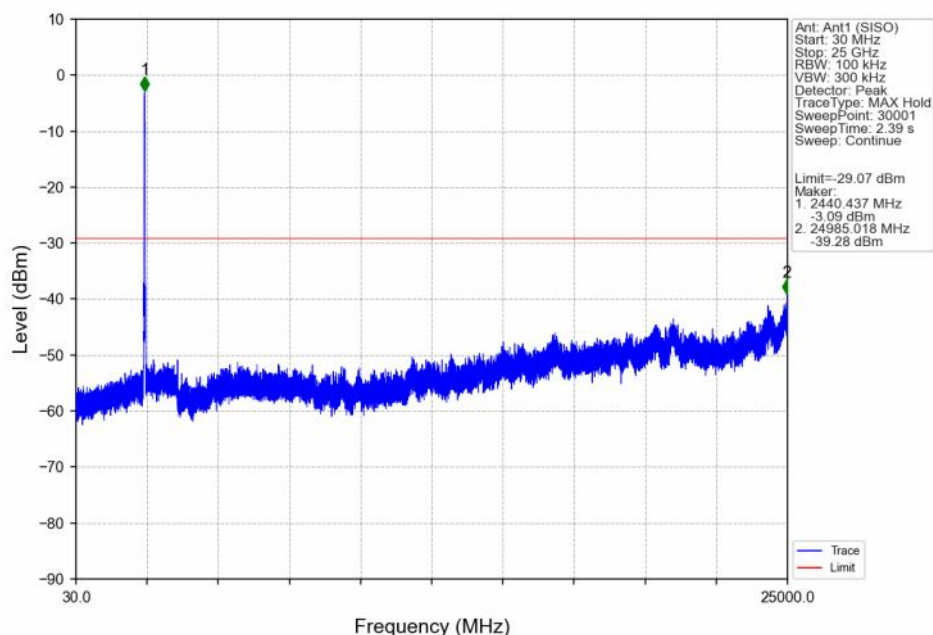
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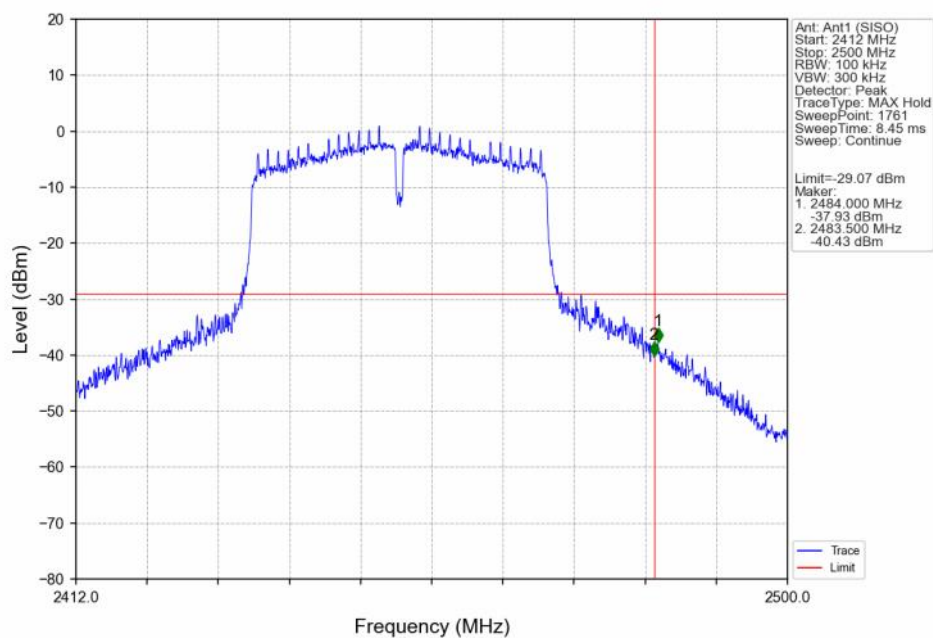
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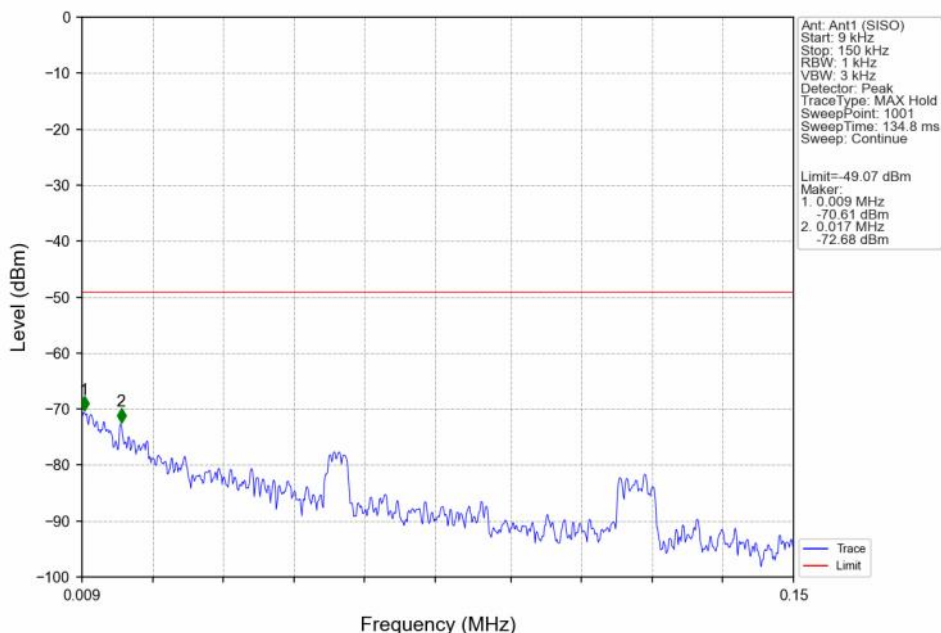
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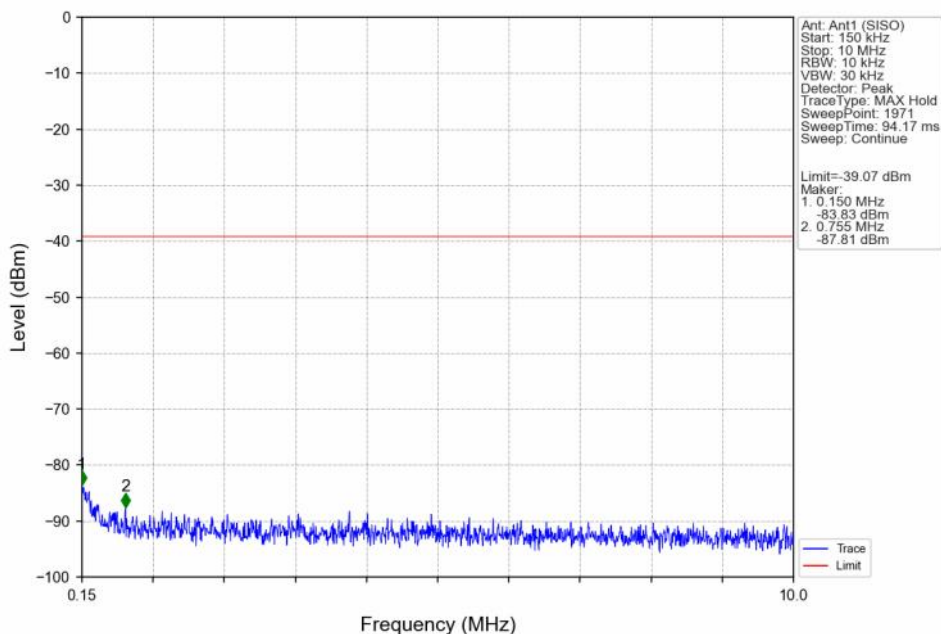
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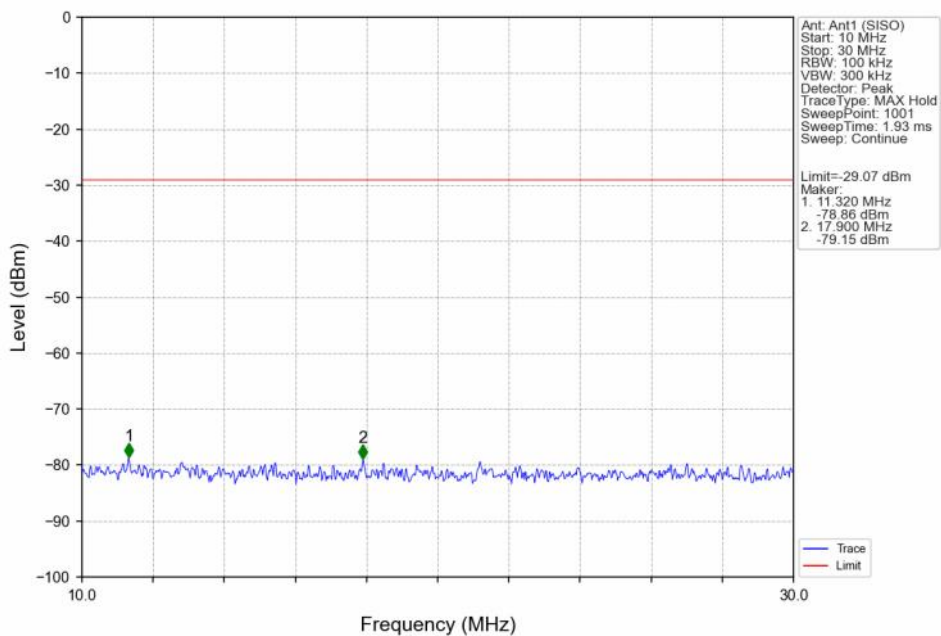
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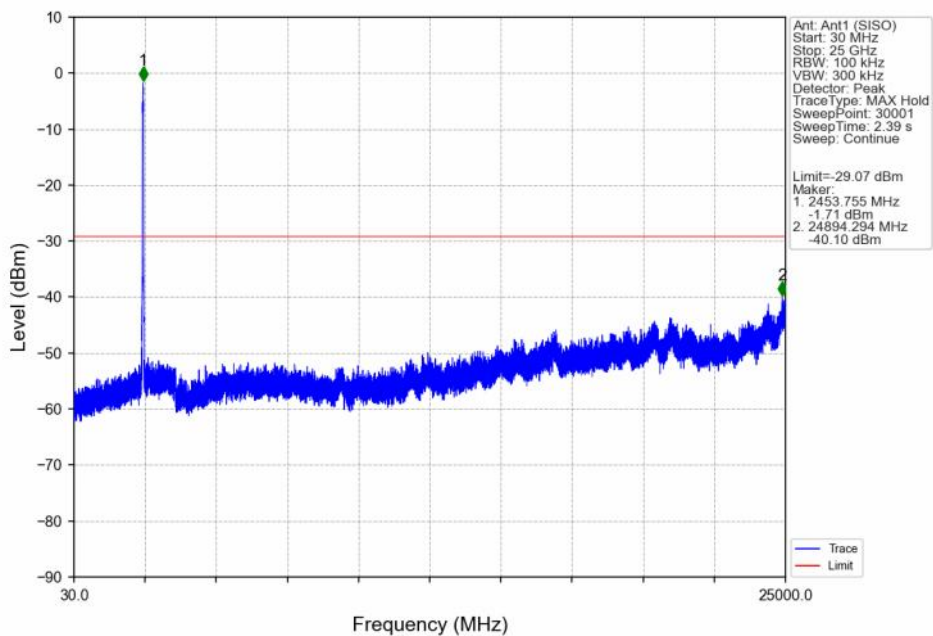
802.11n(HT40)_HCH_2452MHz_Ant1 (SISO)_NTNV



802.11n(HT40)_HCH_2452MHz_Ant1 (SISO)_NTNV



802.11n(HT40)_HCH_2452MHz_Ant1 (SISO)_NTNV



6. Form731

6.1 Form731

6.1.1 Test Result

Lower Freq (MHz)	High Freq (MHz)	MAX Power (W)	MAX Power (dBm)
2412	2462	0.1122	20.50
2422	2452	0.1005	20.02



Test Report Number: BTF230228R00103



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-- END OF REPORT --