

Appendix Test Data

Report No.:	18220WC10104501	Test Date:	2021.6.3
Test Engineer:	<i>Jony He</i>	Auditor:	<i>Edward Pan</i>
Temperature:	24.3°C	Relative Humidity:	56 %
Pressure:	1012 hPa		

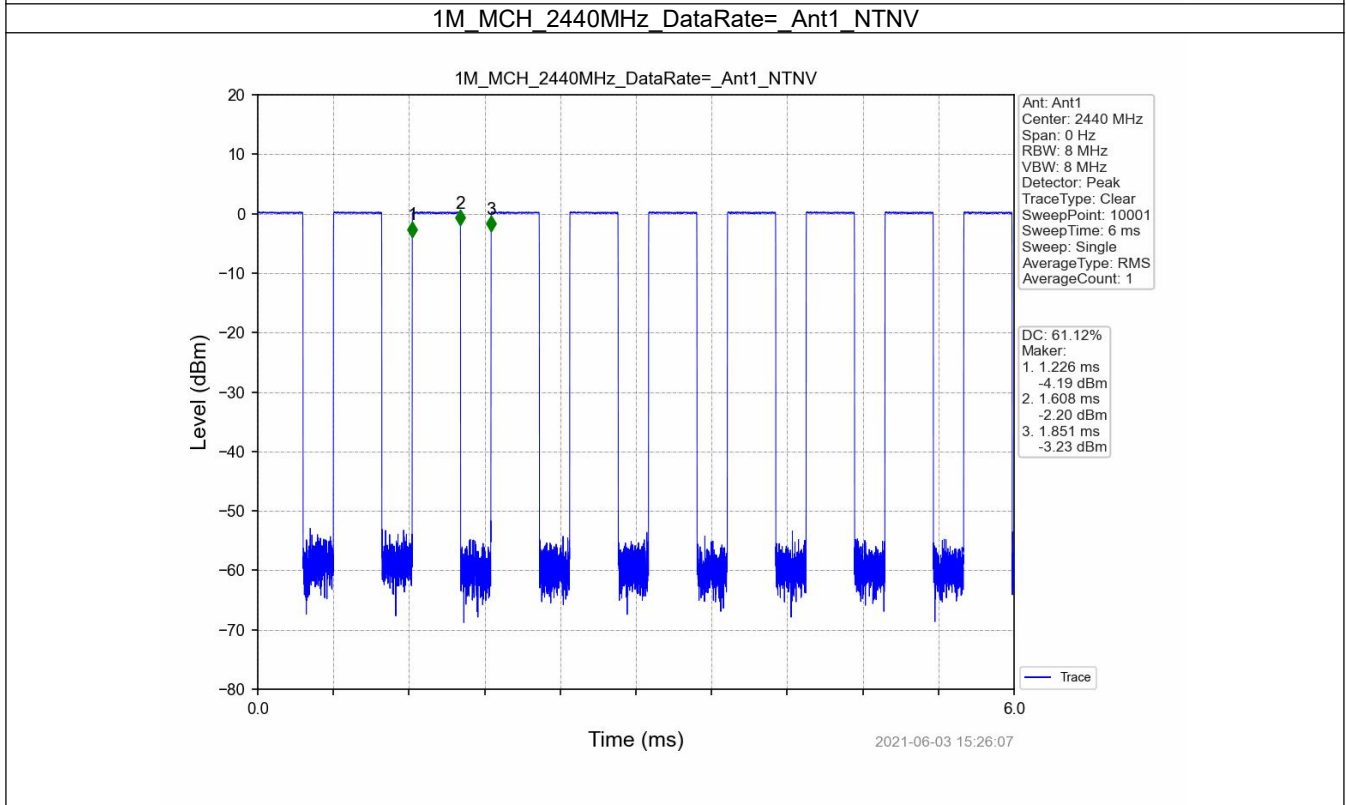
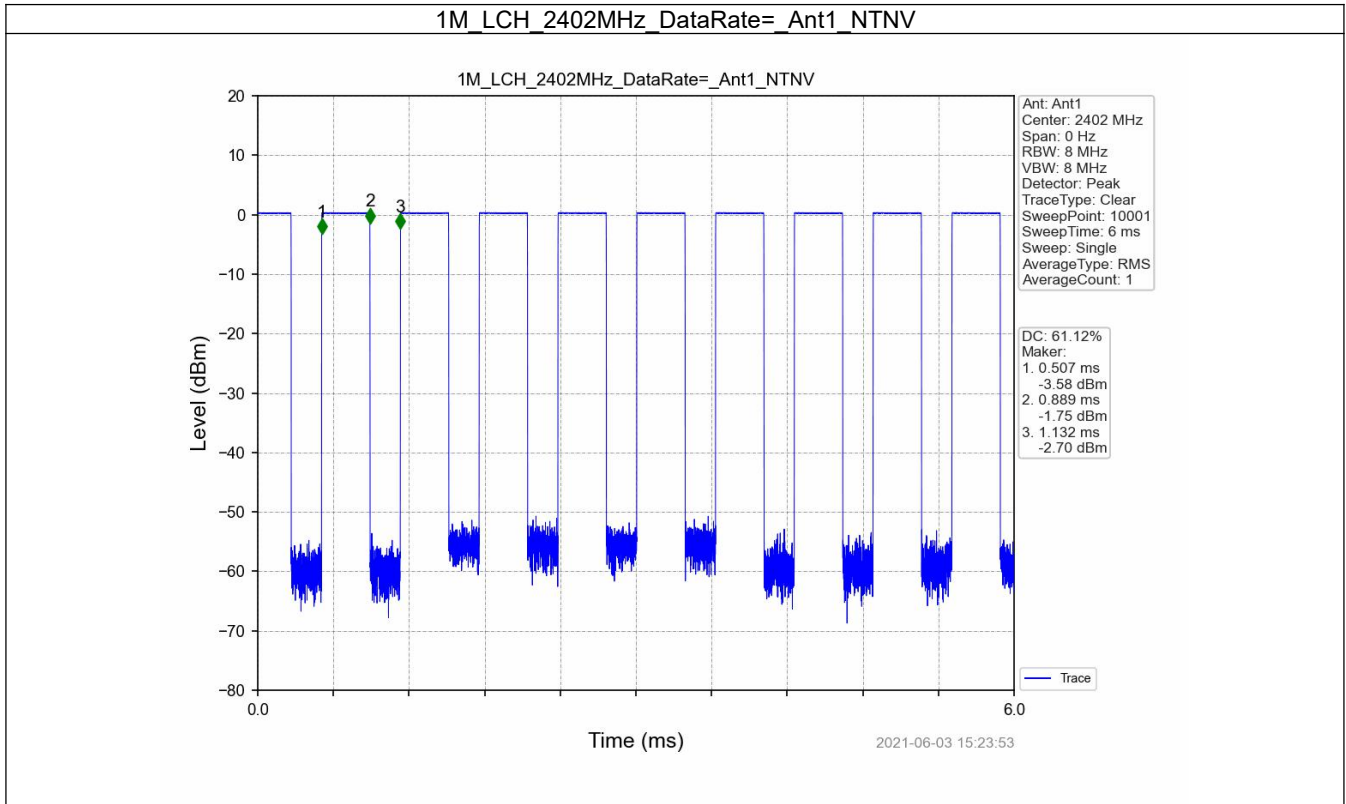
1. Duty Cycle

1.1 Ant1

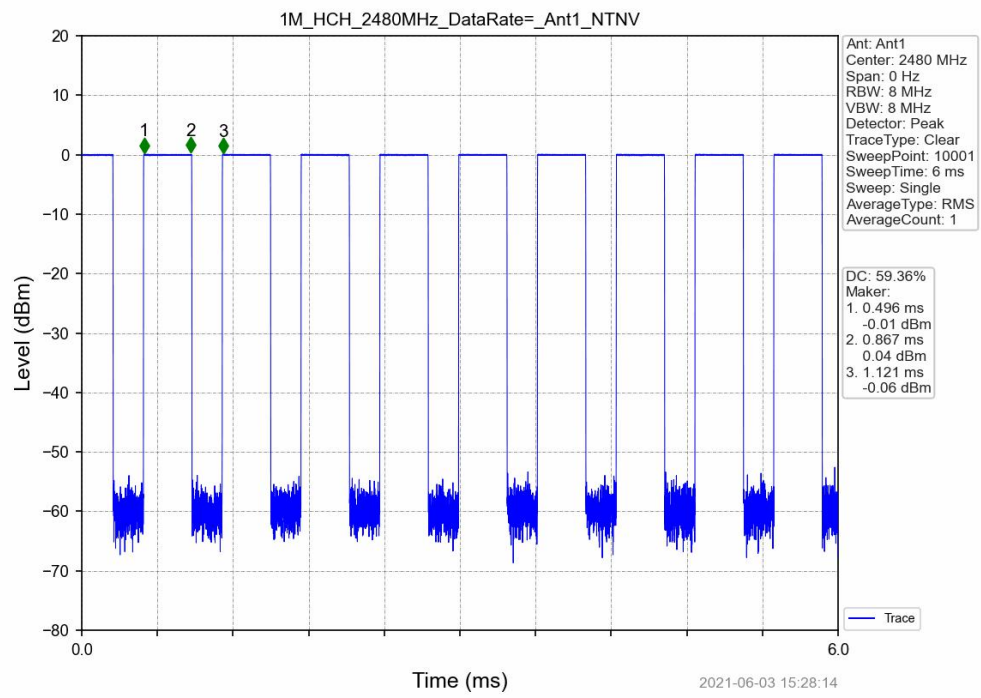
1.1.1 Test Result

Ant1							
Mode	TX Type	Frequency (MHz)	T_on (ms)	Period (ms)	Duty Cycle (%)	Duty Cycle Correction Factor (dB)	Max. DC Variation (%)
1M	SISO	2402	0.38	0.62	61.12	2.14	0.10
		2440	0.38	0.62	61.12	2.14	0.10
		2480	0.37	0.62	59.36	2.27	0.06

1.1.2 Test Graph



1M_HCH_2480MHz_DataRate=_Ant1_NTNV



2. Bandwidth

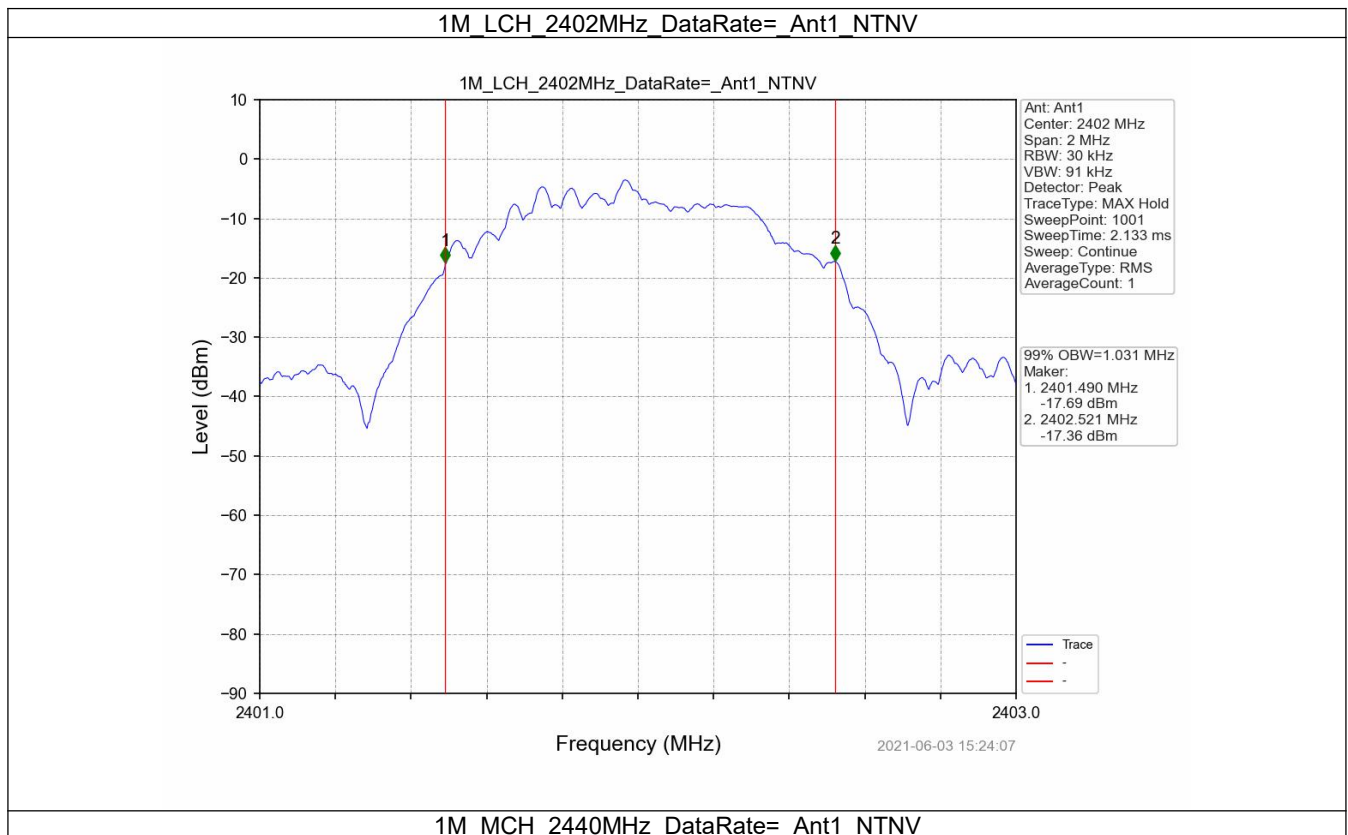
2.1 OBW

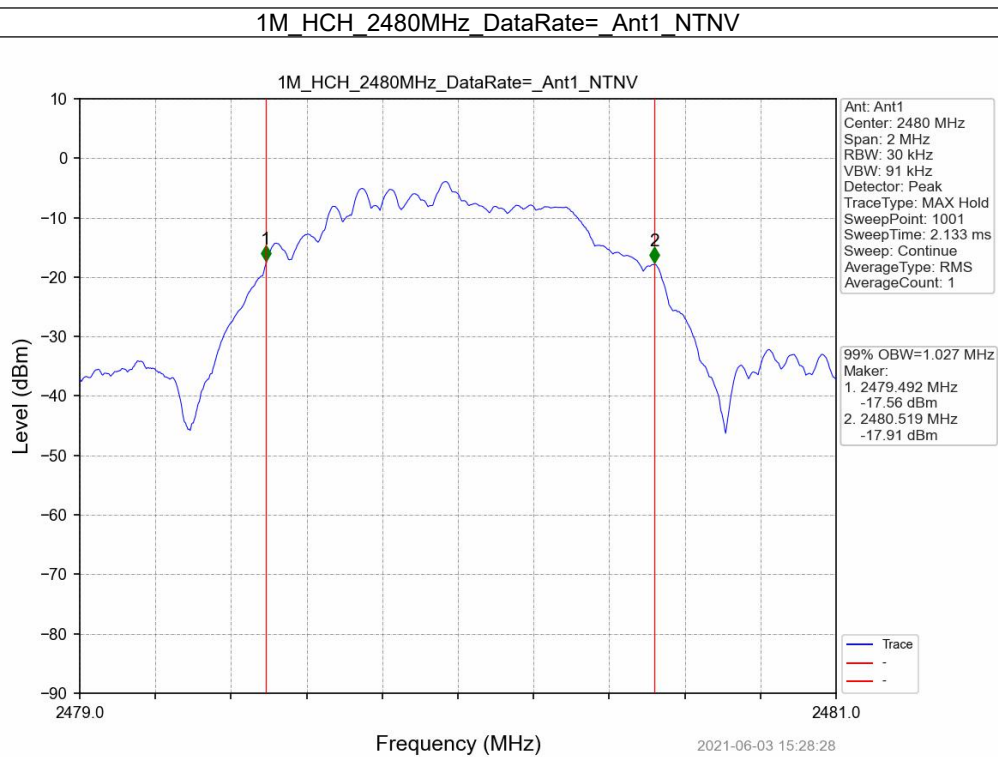
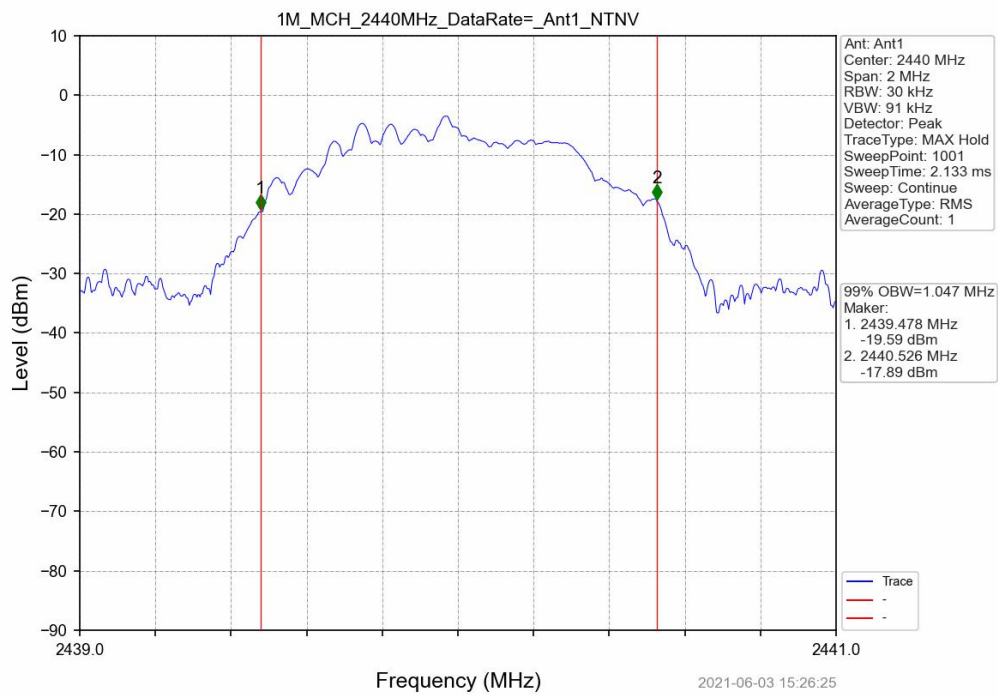
2.1.1 Test Result

Mode	TX Type	Frequency (MHz)	99% Occupied Bandwidth (MHz)		Limit (MHz)	Verdict
			Ant1			
1M	SISO	2402	1.031		/	Note1
		2440	1.047		/	Note1
		2480	1.027		/	Note1

Note1: Only for Report Use

2.1.2 Test Graph



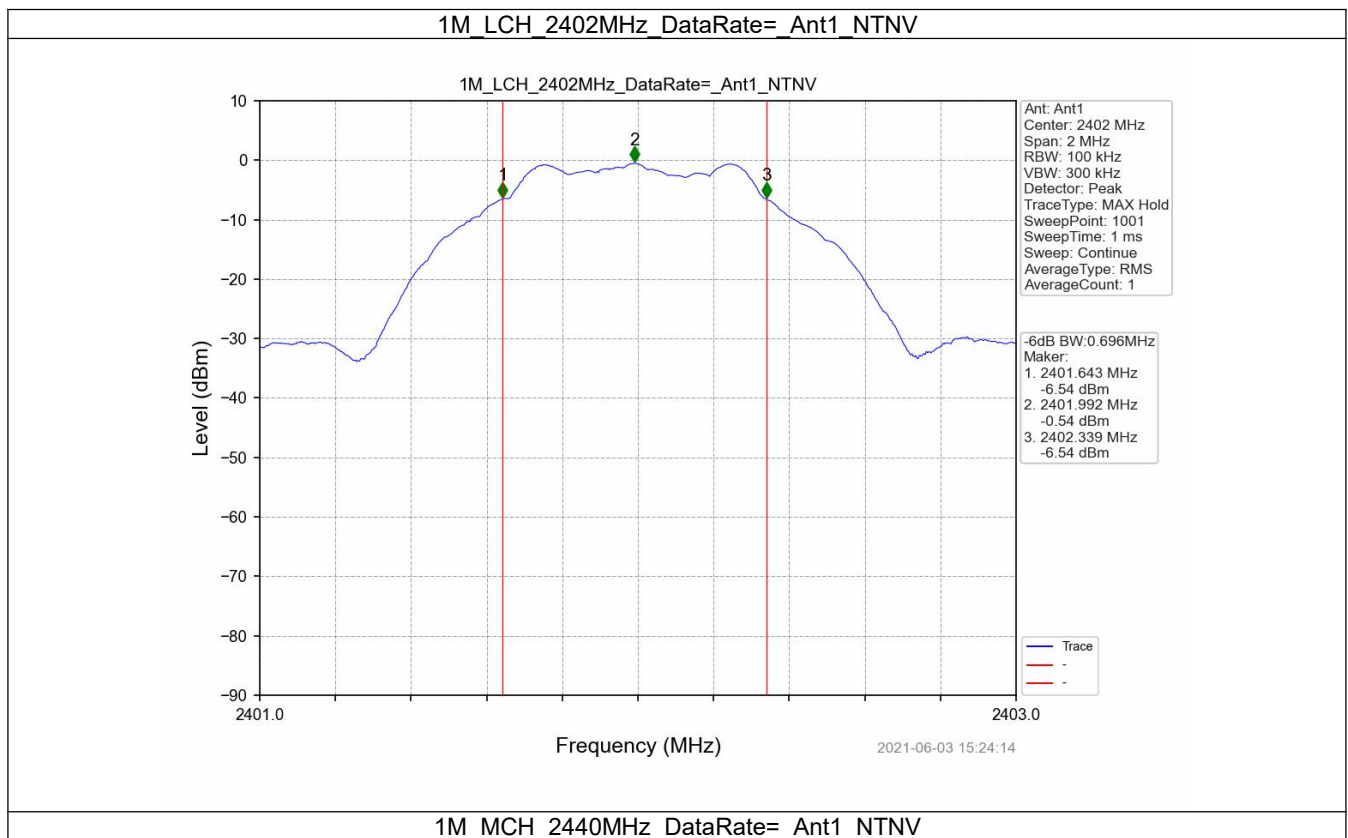


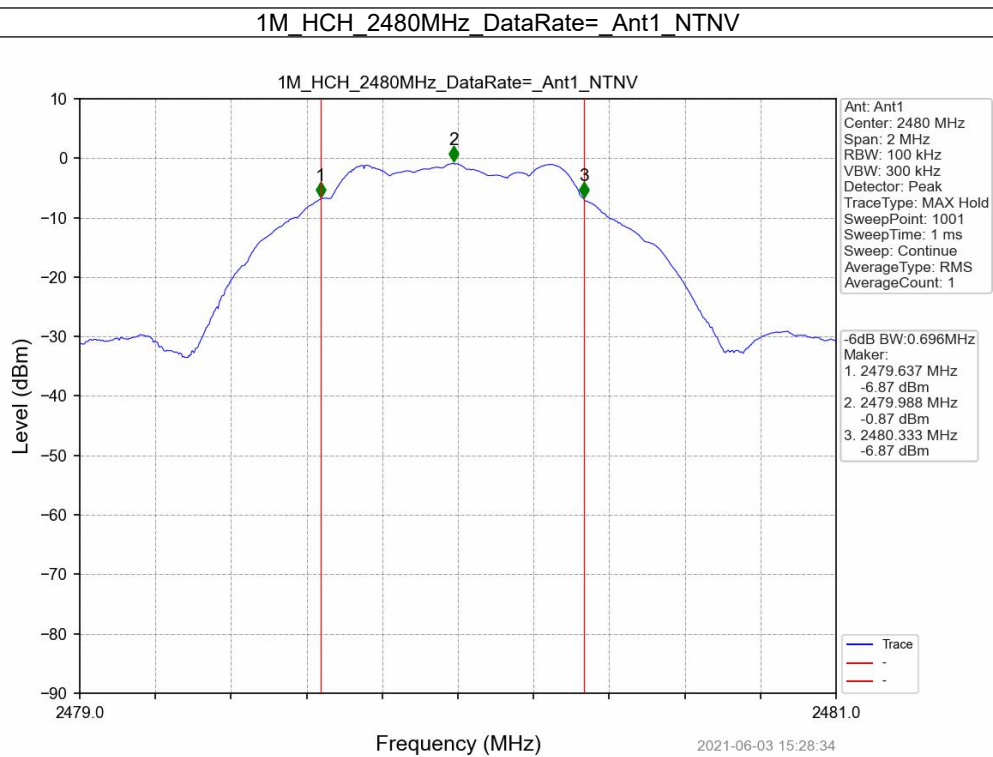
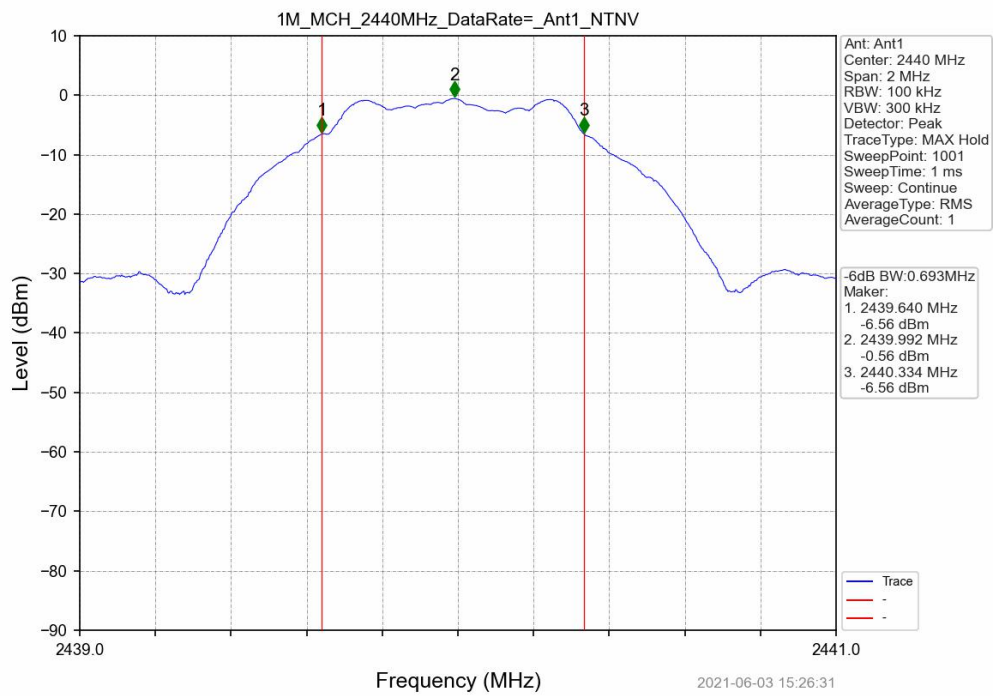
2.2 XDB

2.2.1 Test Result

Mode	TX Type	Frequency (MHz)	6dB Bandwidth (MHz)	Limit (MHz)	Verdict
			Ant1		
1M	SISO	2402	0.696	>=0.5	Pass
		2440	0.693	>=0.5	Pass
		2480	0.696	>=0.5	Pass

2.2.2 Test Graph





3. Maximum Conducted Output Power

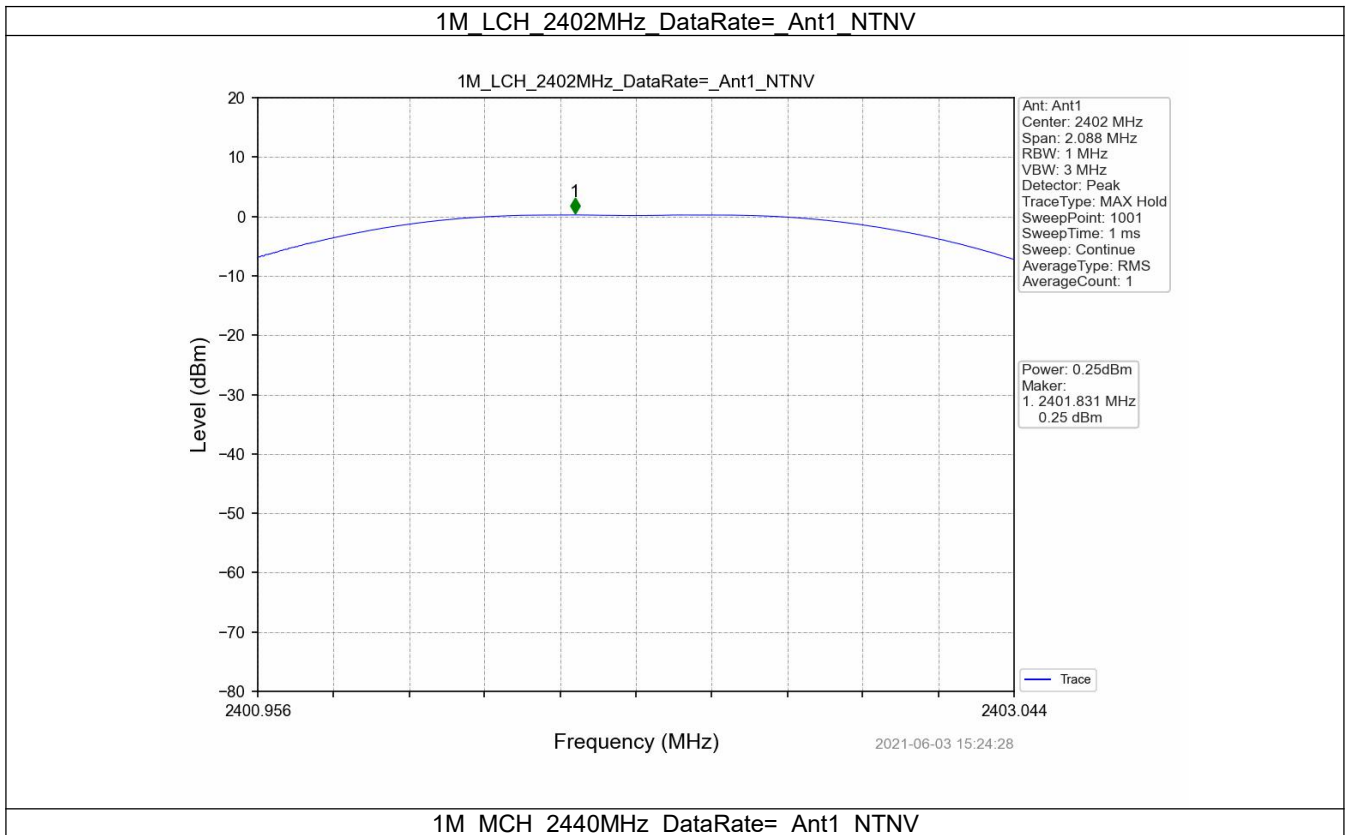
3.1 Power

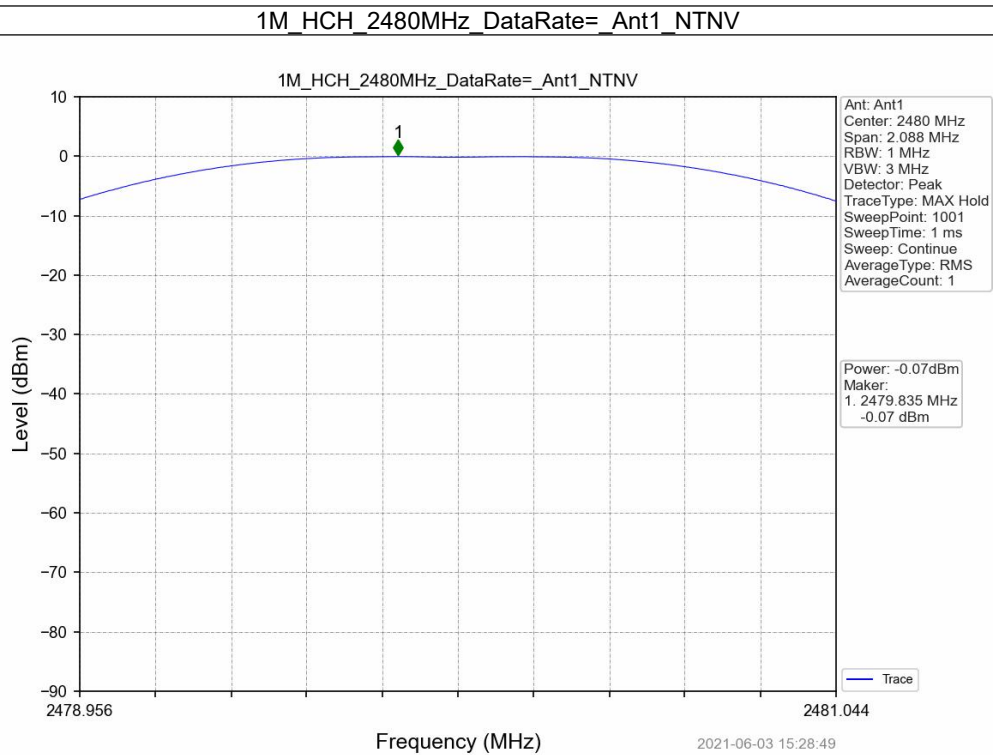
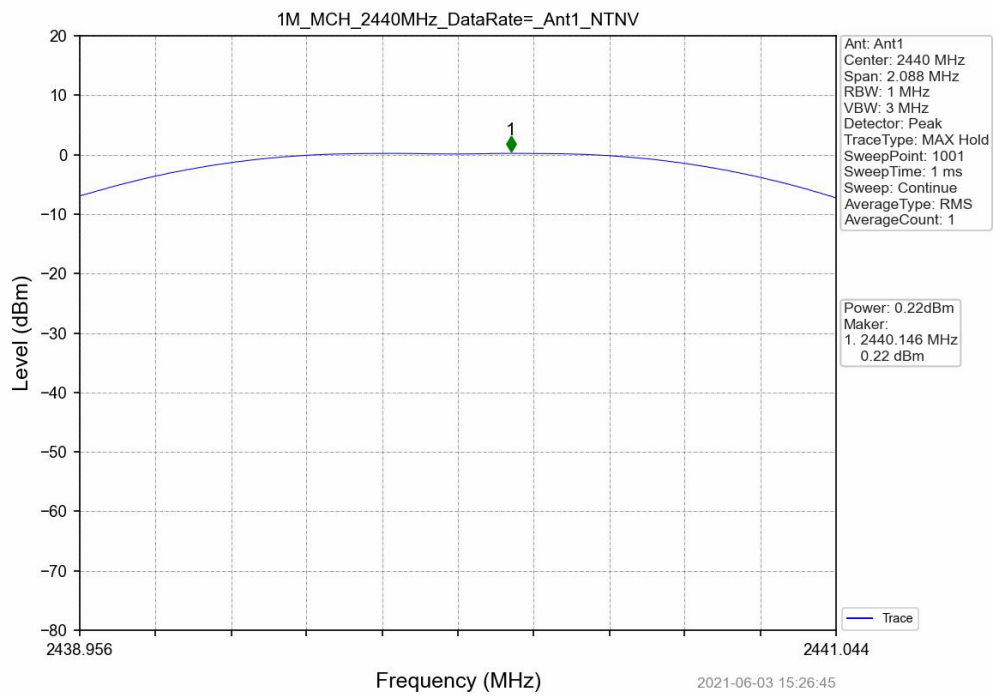
3.1.1 Test Result

Mode	TX Type	Frequency (MHz)	Measured Peak Output Power (dBm)	Limit (dBm)	Verdict
			Ant1		
1M	SISO	2402	0.25	<=30	Pass
		2440	0.22	<=30	Pass
		2480	-0.07	<=30	Pass

Note1: Antenna Gain: 1.5dBi;

3.1.2 Test Graph





4. Maximum Power Spectral Density

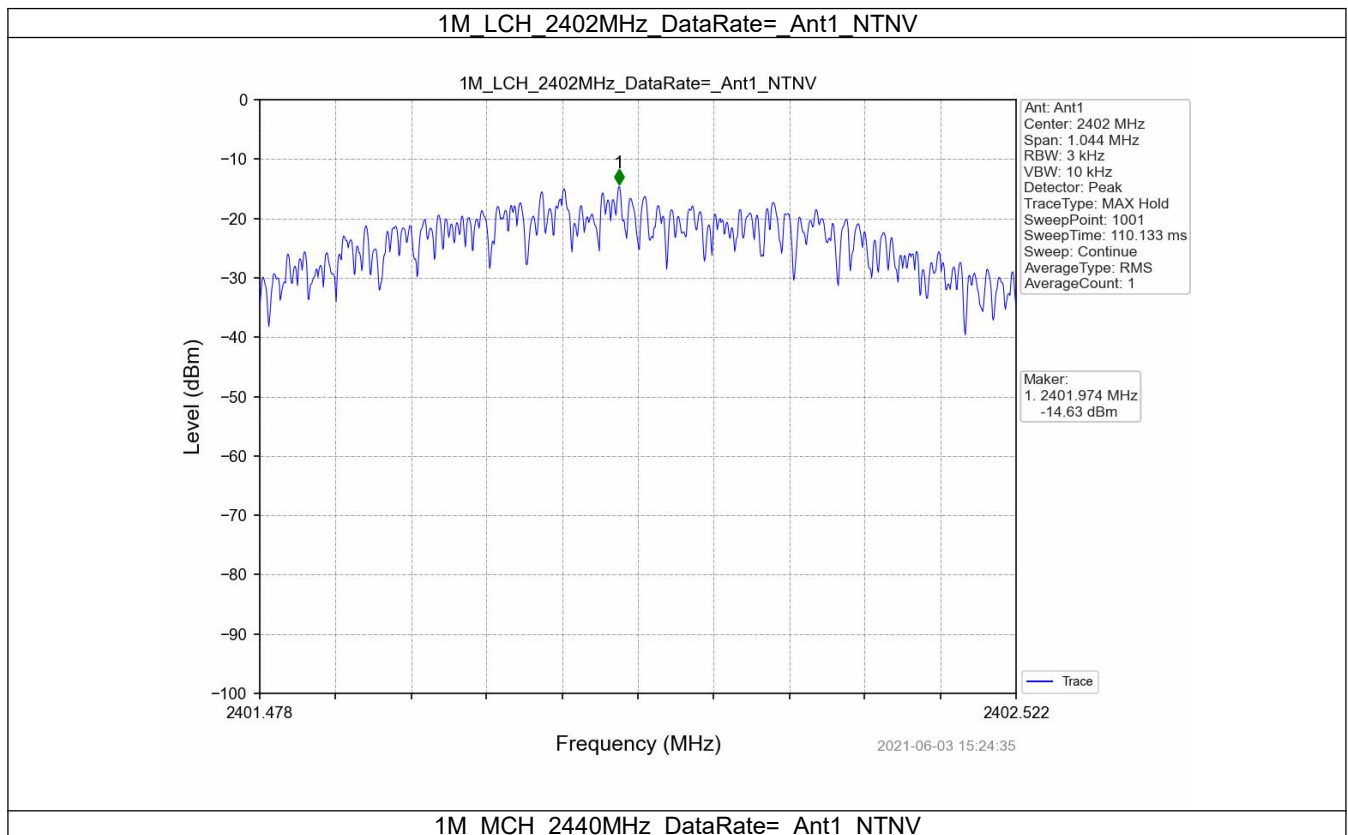
4.1 PSD

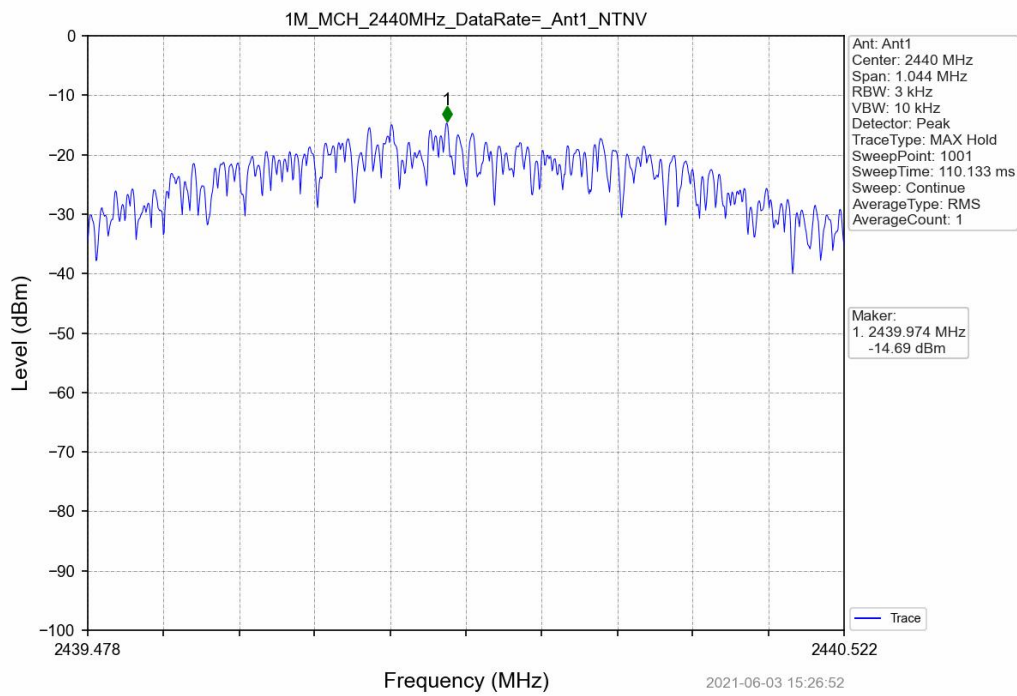
4.1.1 Test Result

Mode	TX Type	Frequency (MHz)	Maximum PSD (dBm/3kHz)	Limit (dBm/3kHz)	Verdict
			Ant1		
1M	SISO	2402	-14.63	<=8	Pass
		2440	-14.69	<=8	Pass
		2480	-15.01	<=8	Pass

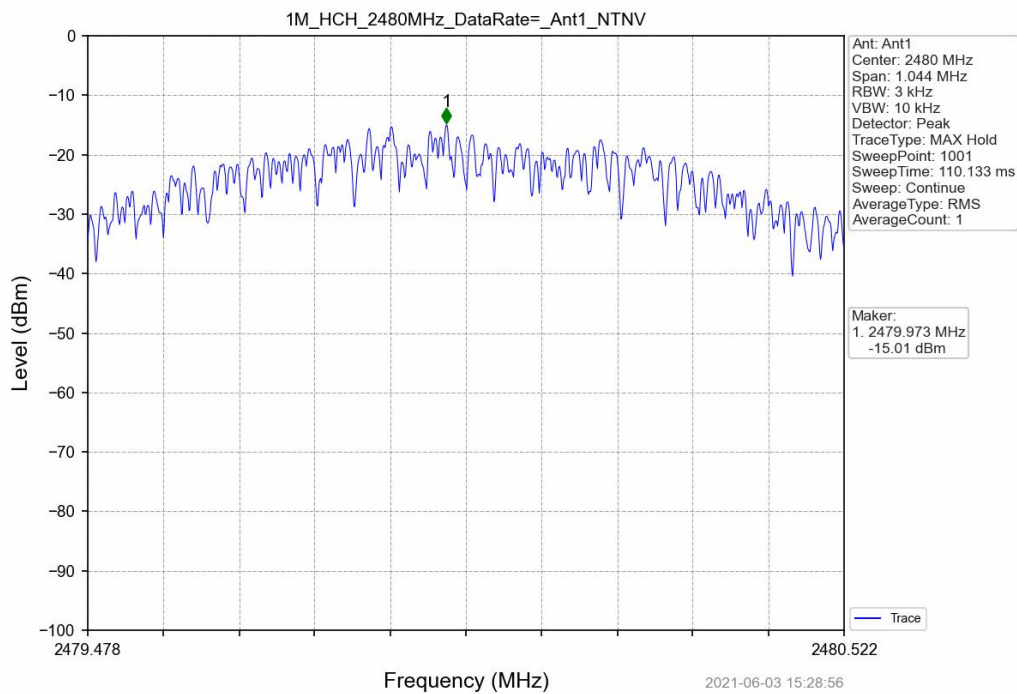
Note1: Antenna Gain: 1.5dBi;

4.1.2 Test Graph





1M_HCH_2480MHz_DataRate=_Ant1_NTNV



5. Unwanted Emissions In Non-restricted Frequency Bands

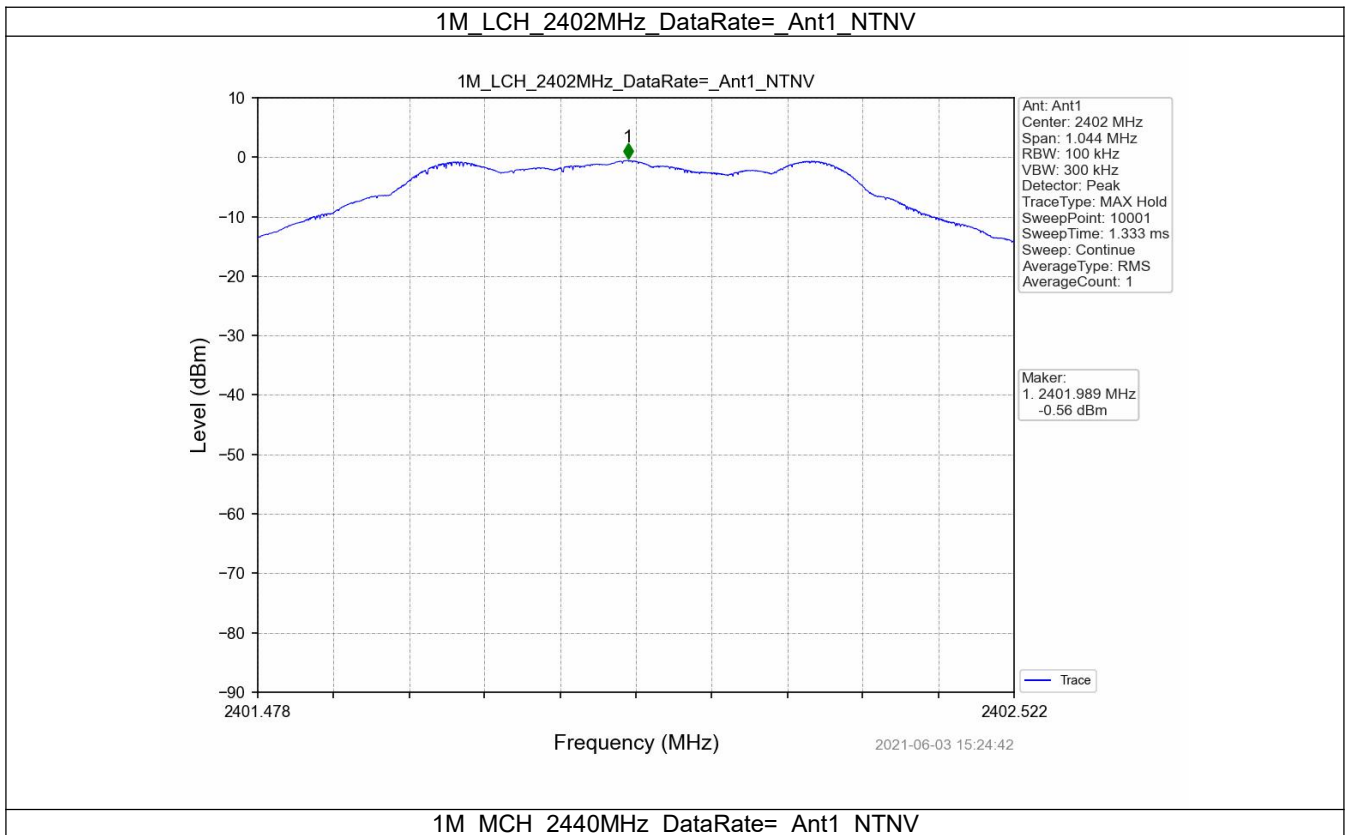
5.1 Ref

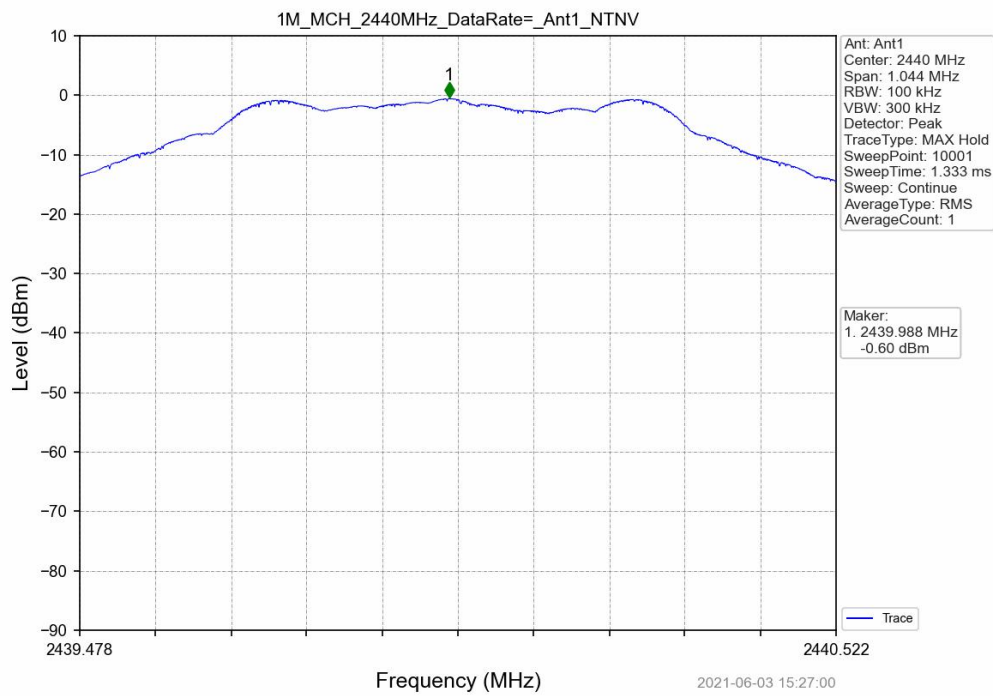
5.1.1 Test Result

Mode	TX Type	Frequency (MHz)	Ant	Level of Reference (dBm)	Limit (dBm)	Verdict
1M	SISO	2402	1	-0.56	/	/
		2440	1	-0.60	/	/
		2480	1	-0.86	/	/

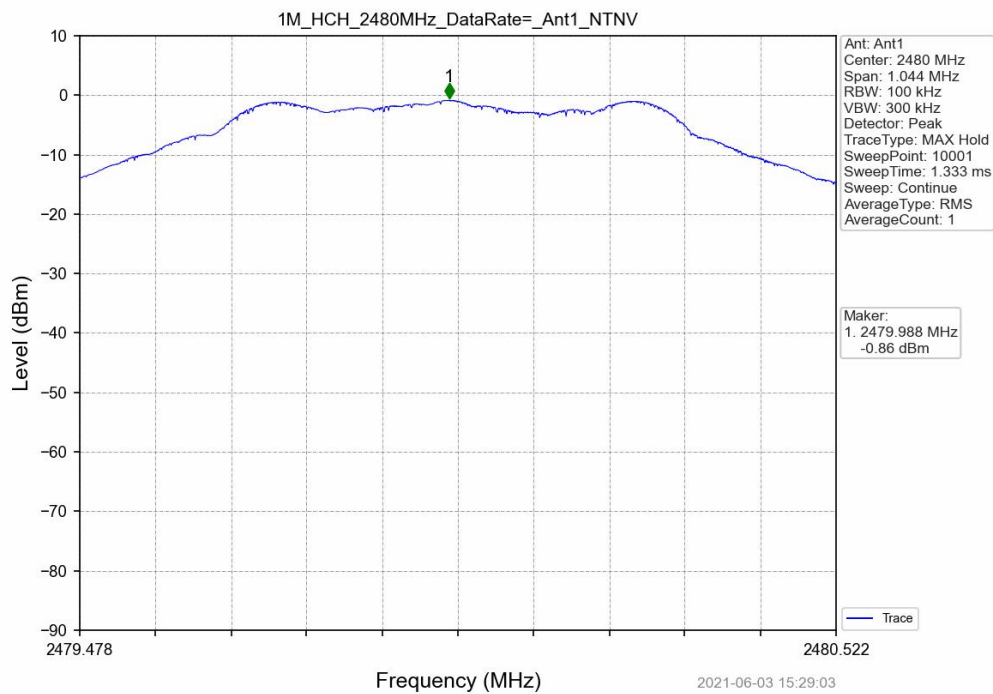
Note1: Refer to FCC Part 15.247 (d) and ANSI C63.10-2013, the channel contains the maximum PSD level was used to establish the reference level.

5.1.2 Test Graph





1M_HCH_2480MHz_DataRate=_Ant1_NTNV



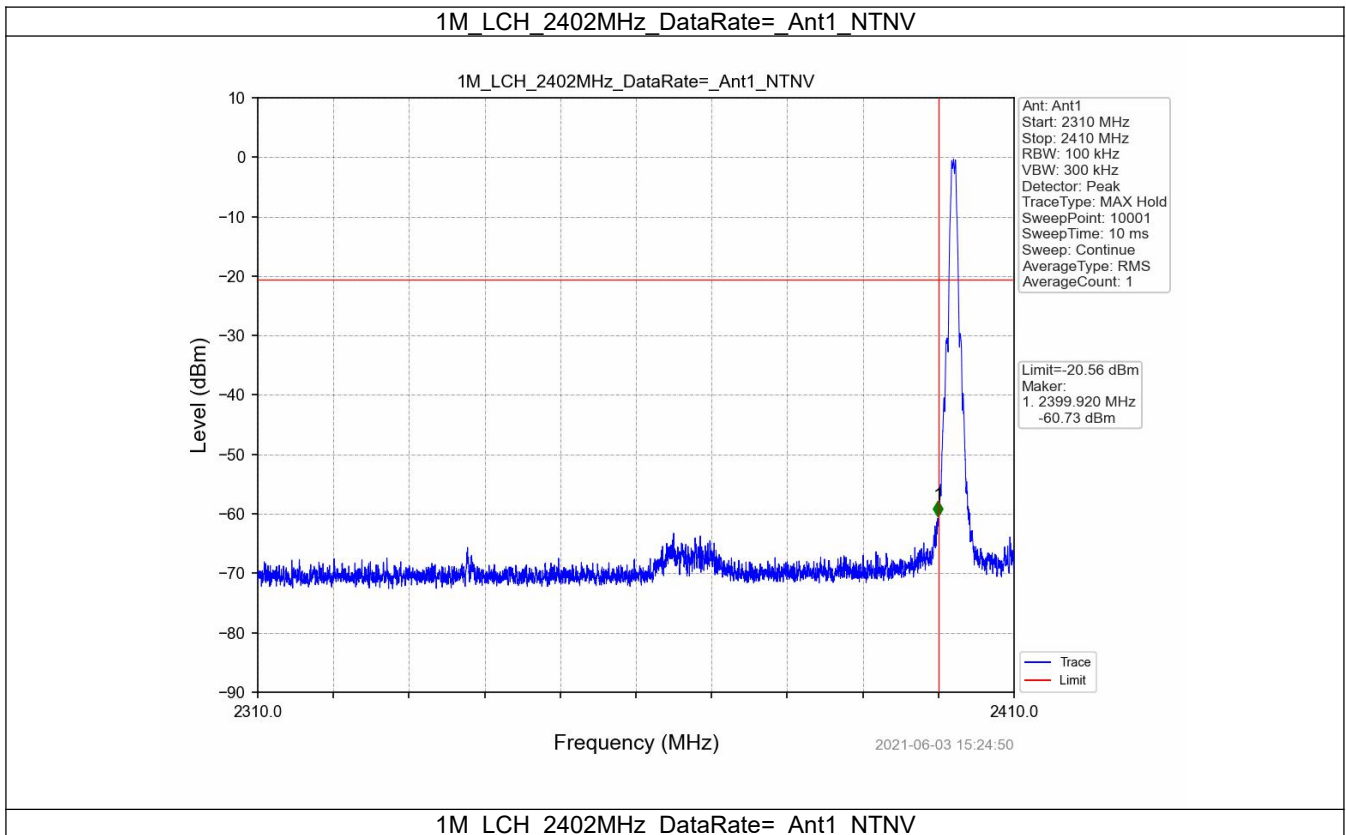
5.2 CSE

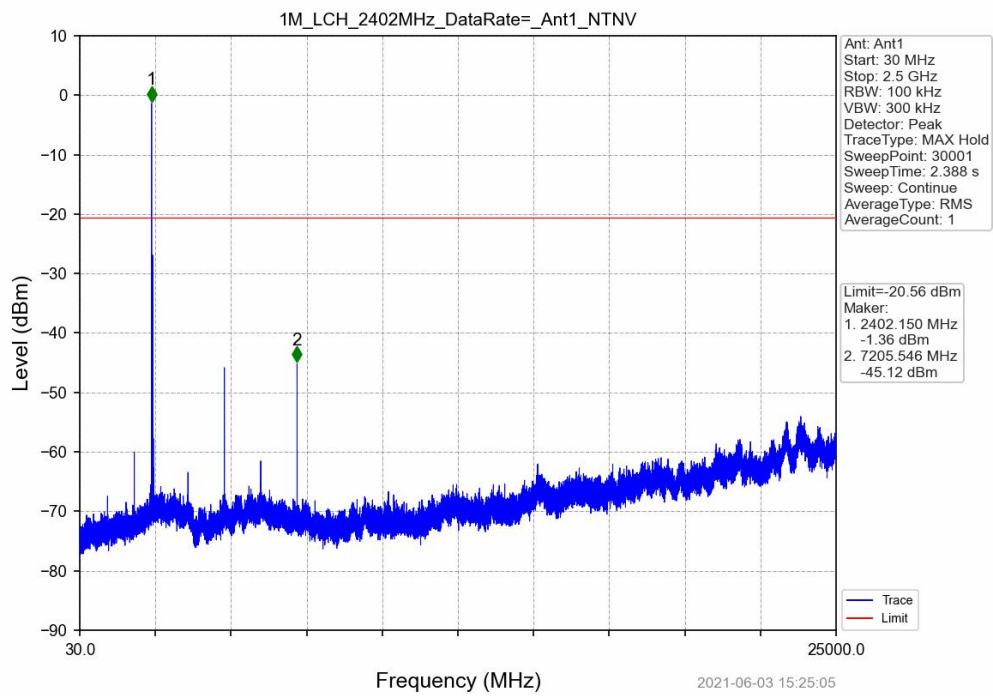
5.2.1 Test Result

Mode	TX Type	Frequency (MHz)	Ant	Level of Reference (dBm)	Limit (dBm)	Verdict
1M	SISO	2402	1	Refer To Test Graph	<=-20.56	Pass
		2440	1	Refer To Test Graph	<=-20.56	Pass
		2480	1	Refer To Test Graph	<=-20.56	Pass

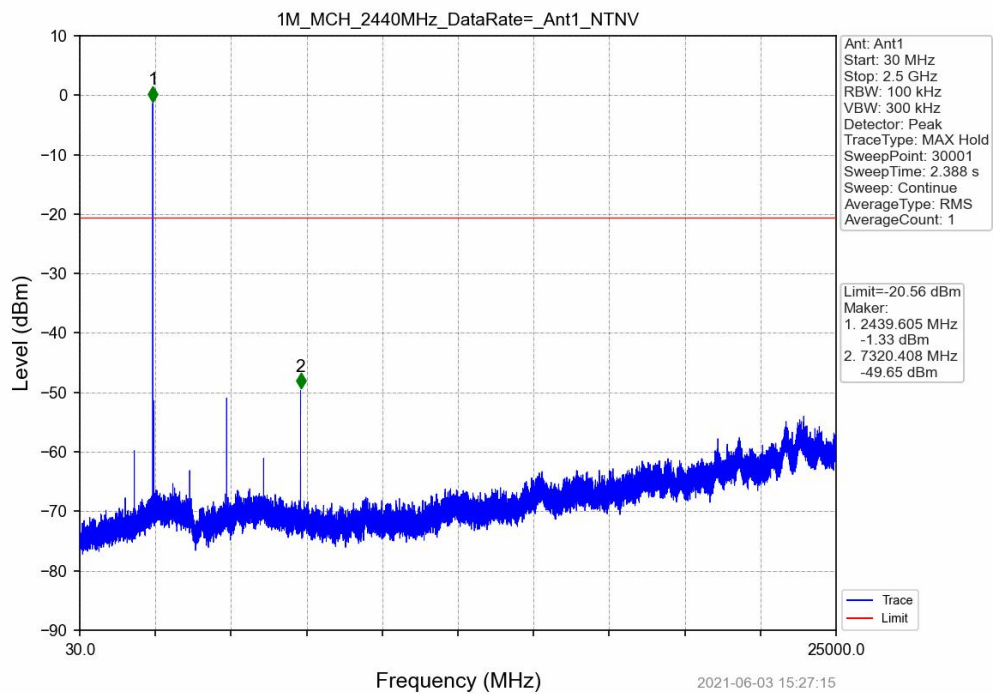
Note1: Refer to FCC Part 15.247 (d) and ANSI C63.10-2013, the channel contains the maximum PSD level was used to establish the reference level.

5.2.2 Test Graph

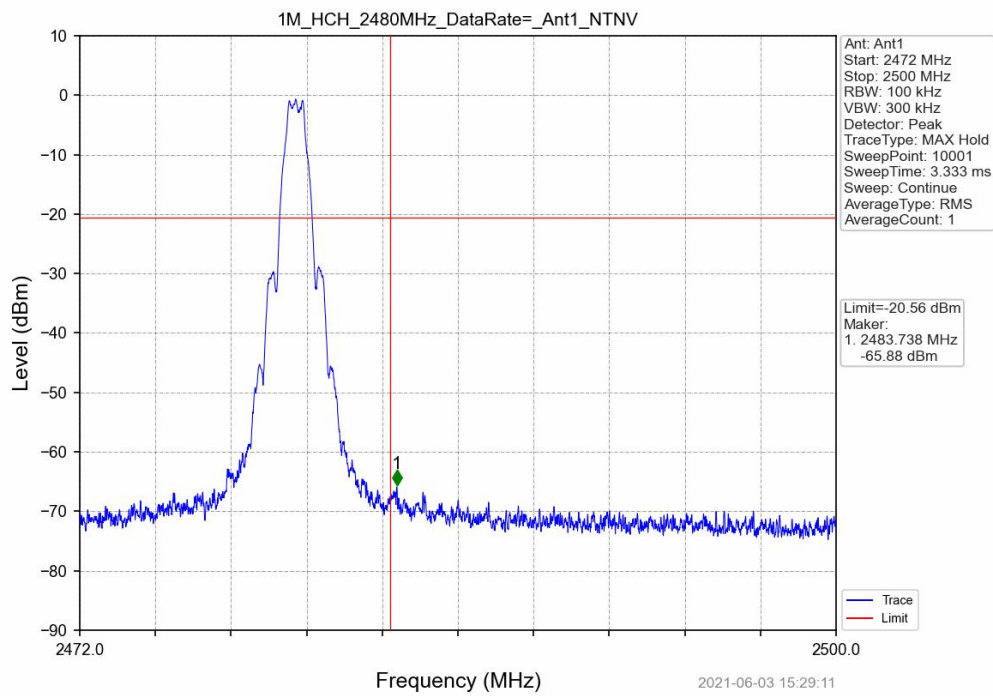




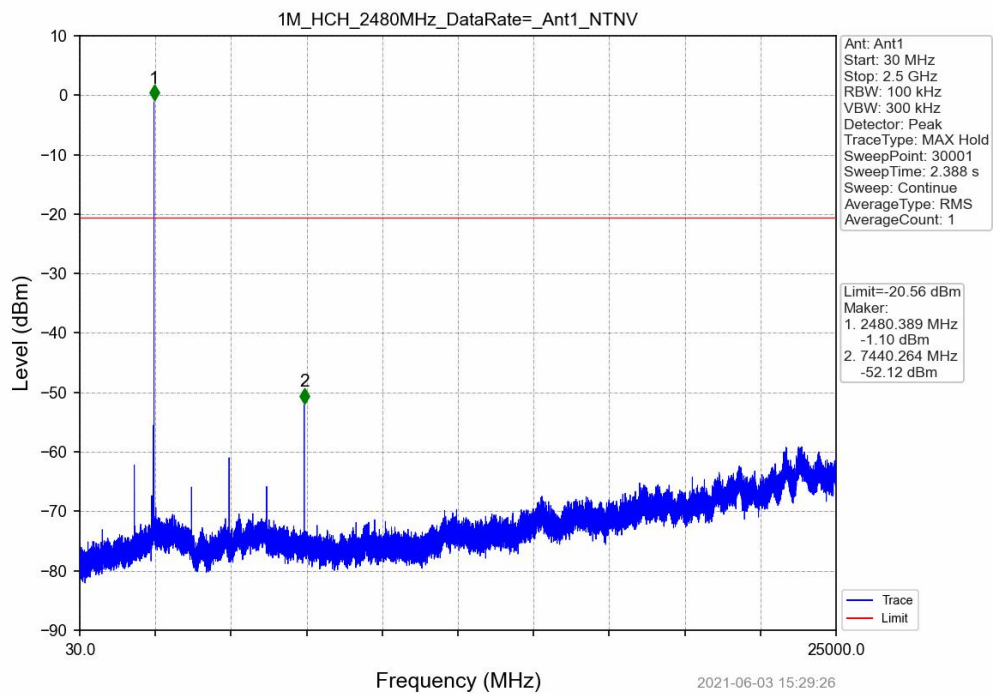
1M_MCH_2440MHz_DataRate=_Ant1_NTNV



1M_HCH_2480MHz_DataRate=_Ant1_NTNV



1M_HCH_2480MHz_DataRate=_Ant1_NTNV



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