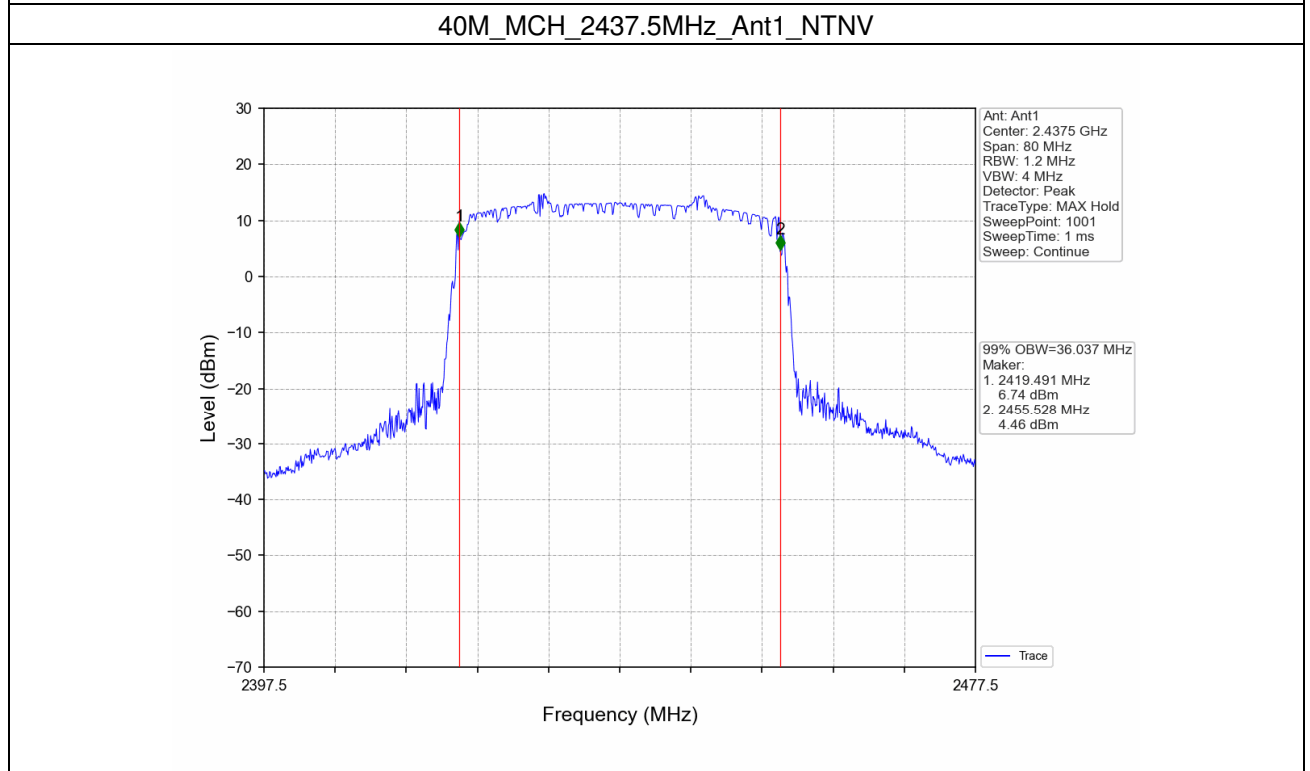
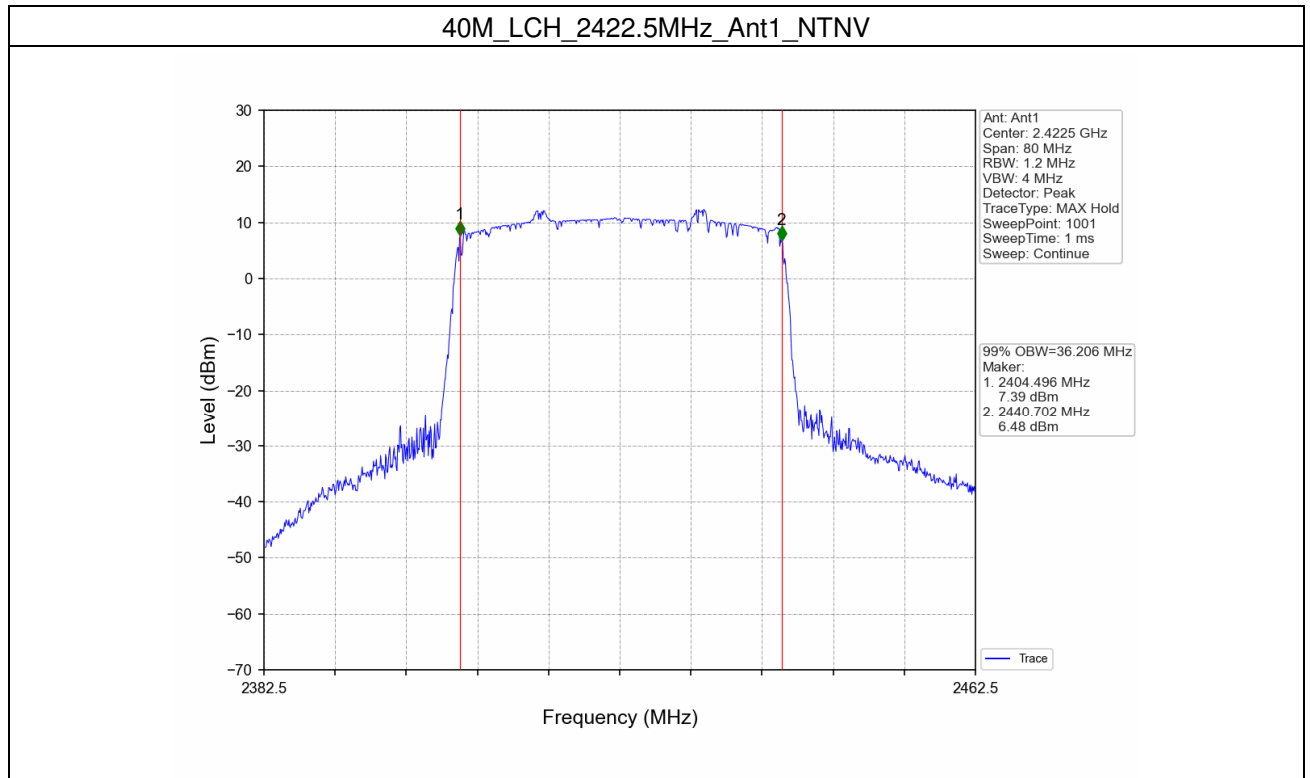


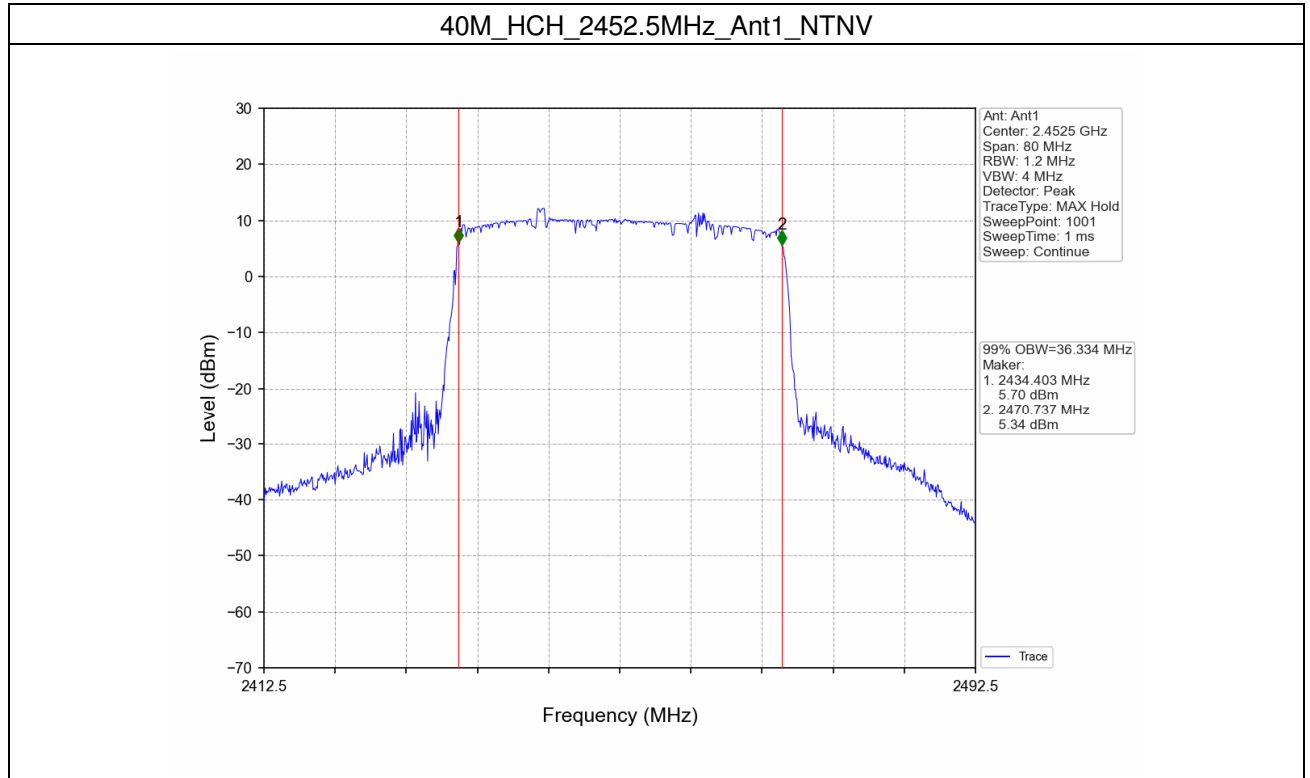
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2.2 6dB BW

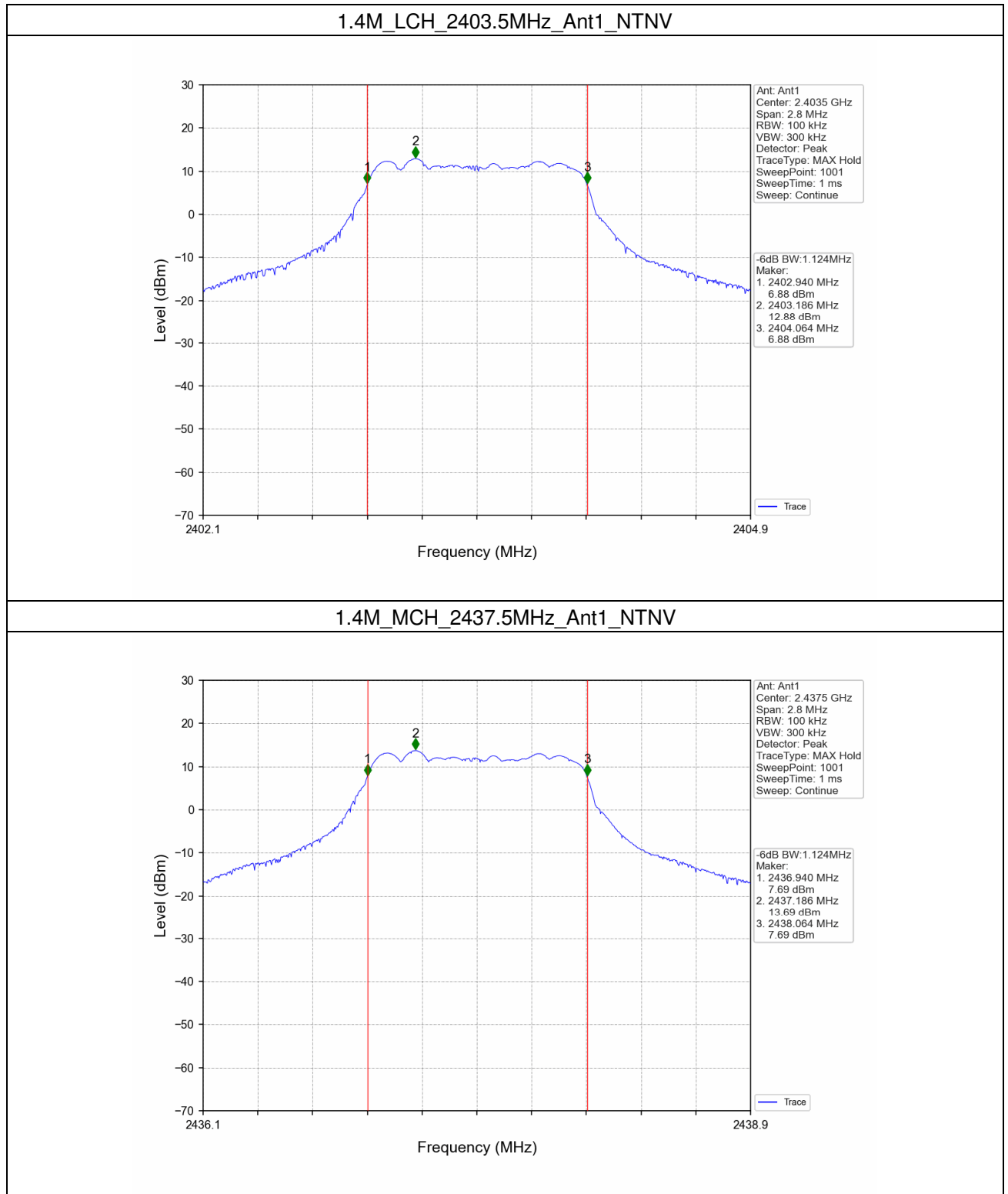
2.2.1 Test Result

Mode	TX Type	Frequency (MHz)	Ant	6dB Bandwidth (MHz)		Verdict
				Result	Limit	
1.4M	SISO	2403.5	1	1.124	>=0.5	Pass
		2437.5	1	1.124	>=0.5	Pass
		2469.5	1	1.123	>=0.5	Pass
3M	SISO	2405.5	1	2.203	>=0.5	Pass
		2438.5	1	2.207	>=0.5	Pass
		2468.5	1	2.205	>=0.5	Pass
10M	SISO	2407.5	1	8.997	>=0.5	Pass
		2437.5	1	9.026	>=0.5	Pass
		2467.5	1	8.996	>=0.5	Pass
20M	SISO	2412.5	1	18.006	>=0.5	Pass
		2437.5	1	18.017	>=0.5	Pass
		2462.5	1	17.950	>=0.5	Pass
40M	SISO	2422.5	1	35.912	>=0.5	Pass
		2437.5	1	35.853	>=0.5	Pass
		2452.5	1	35.909	>=0.5	Pass



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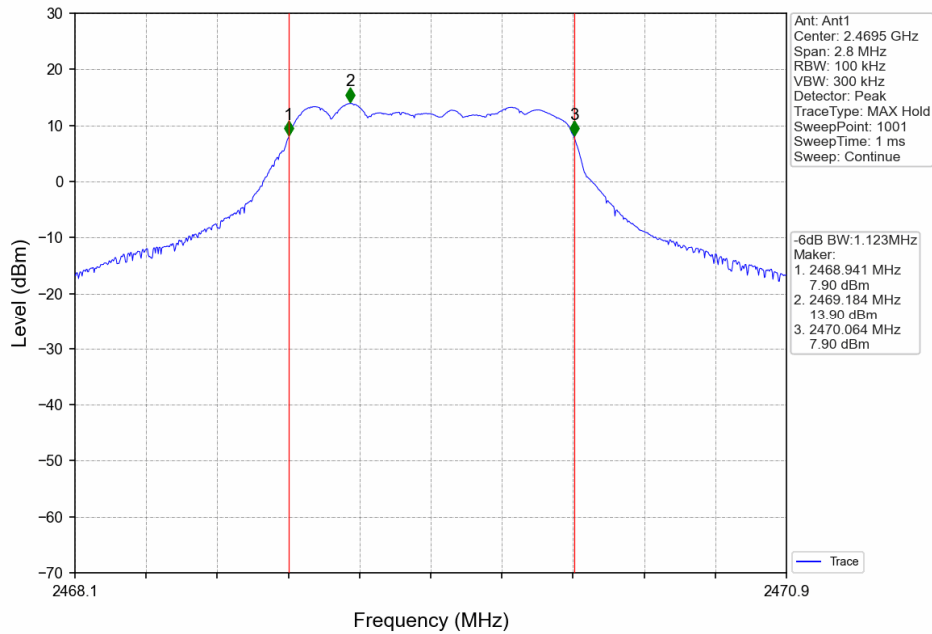
2.2.2 Test Graph



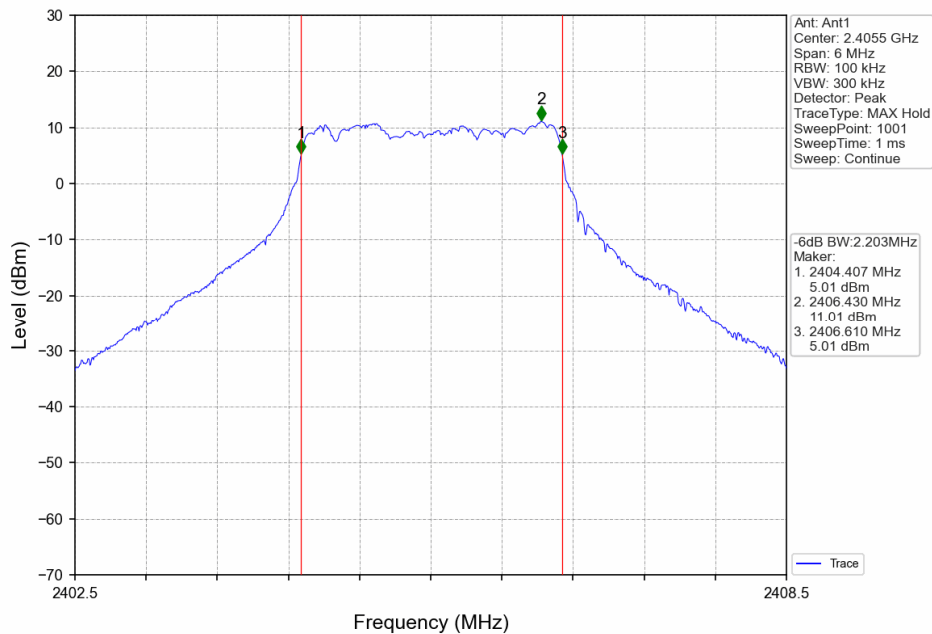
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1.4M_HCH_2469.5MHz_Ant1_NTNV

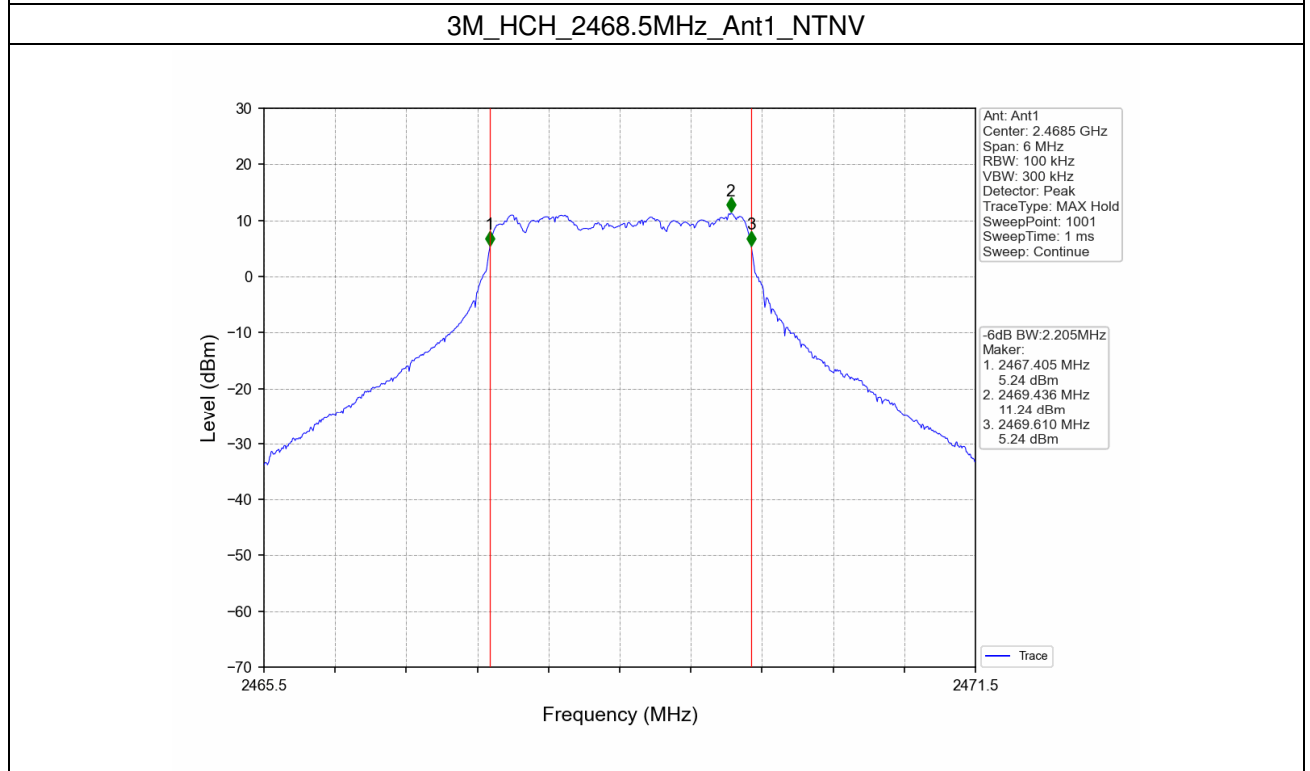
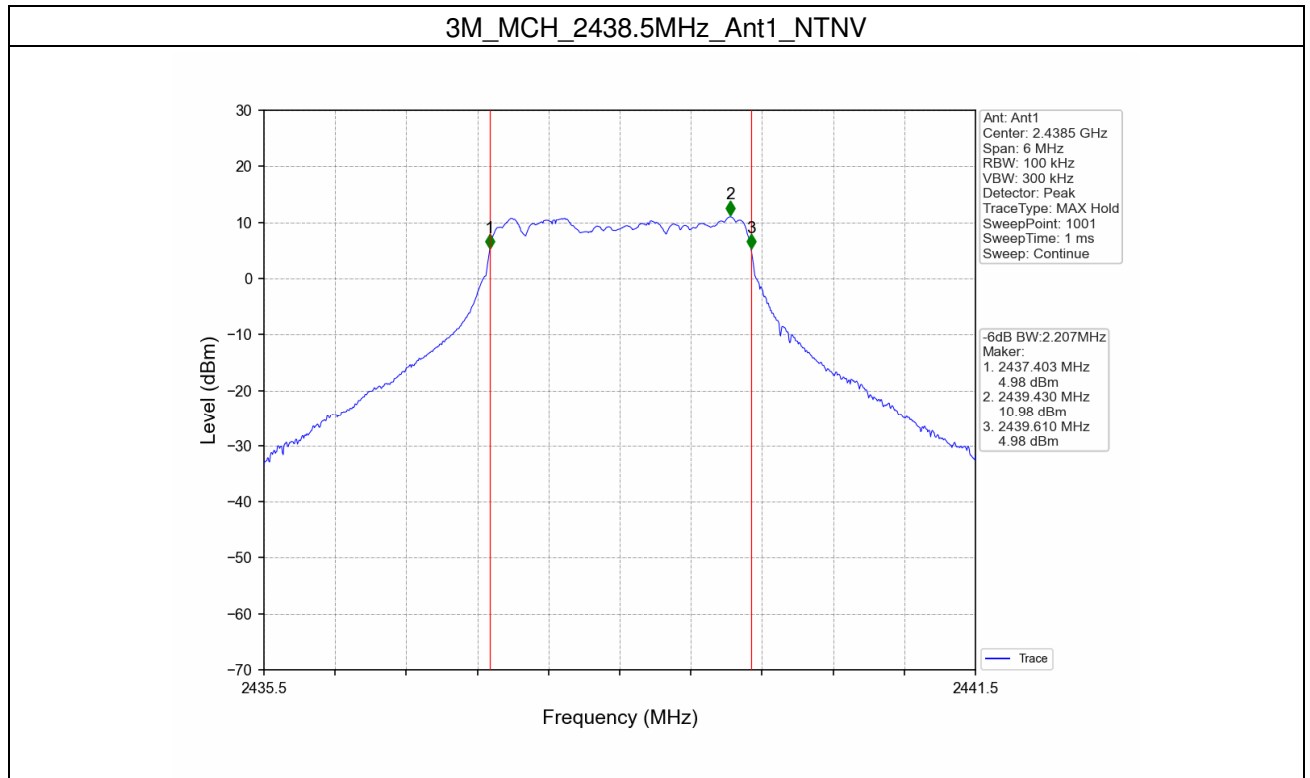


3M_LCH_2405.5MHz_Ant1_NTNV



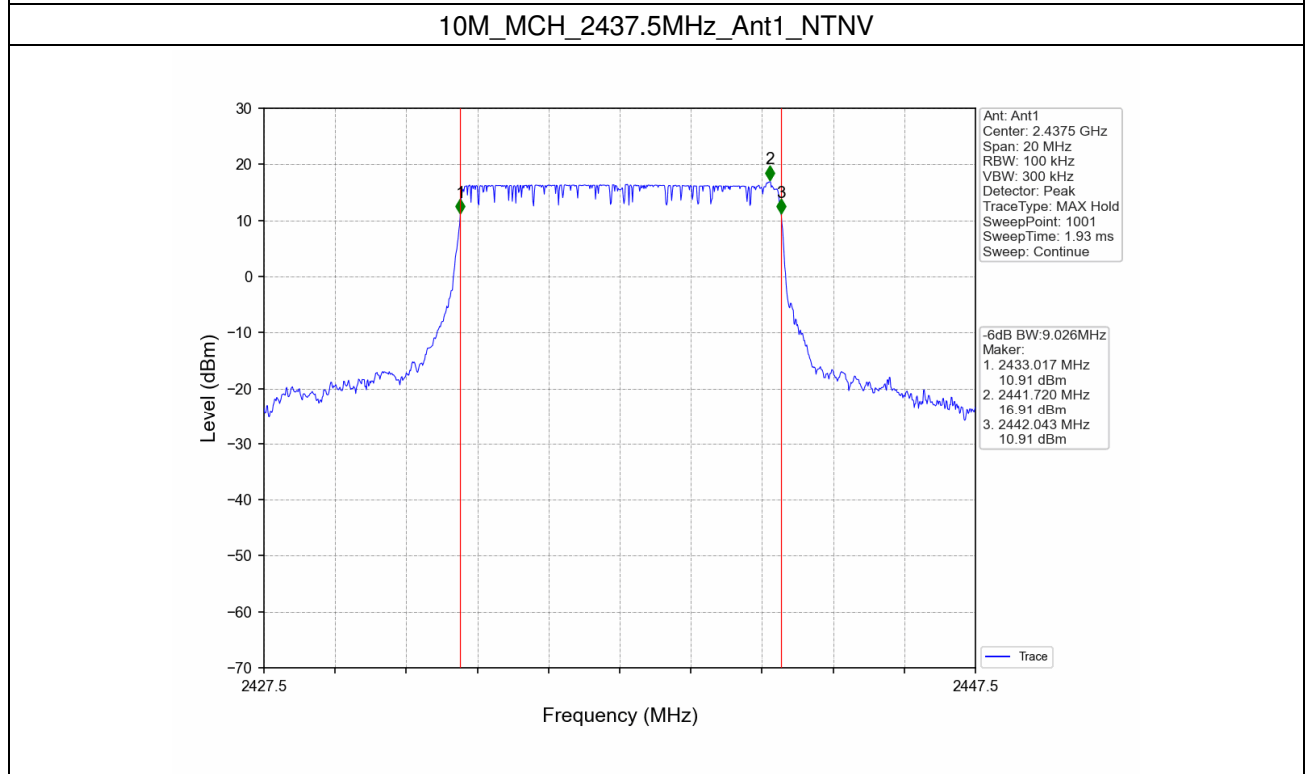
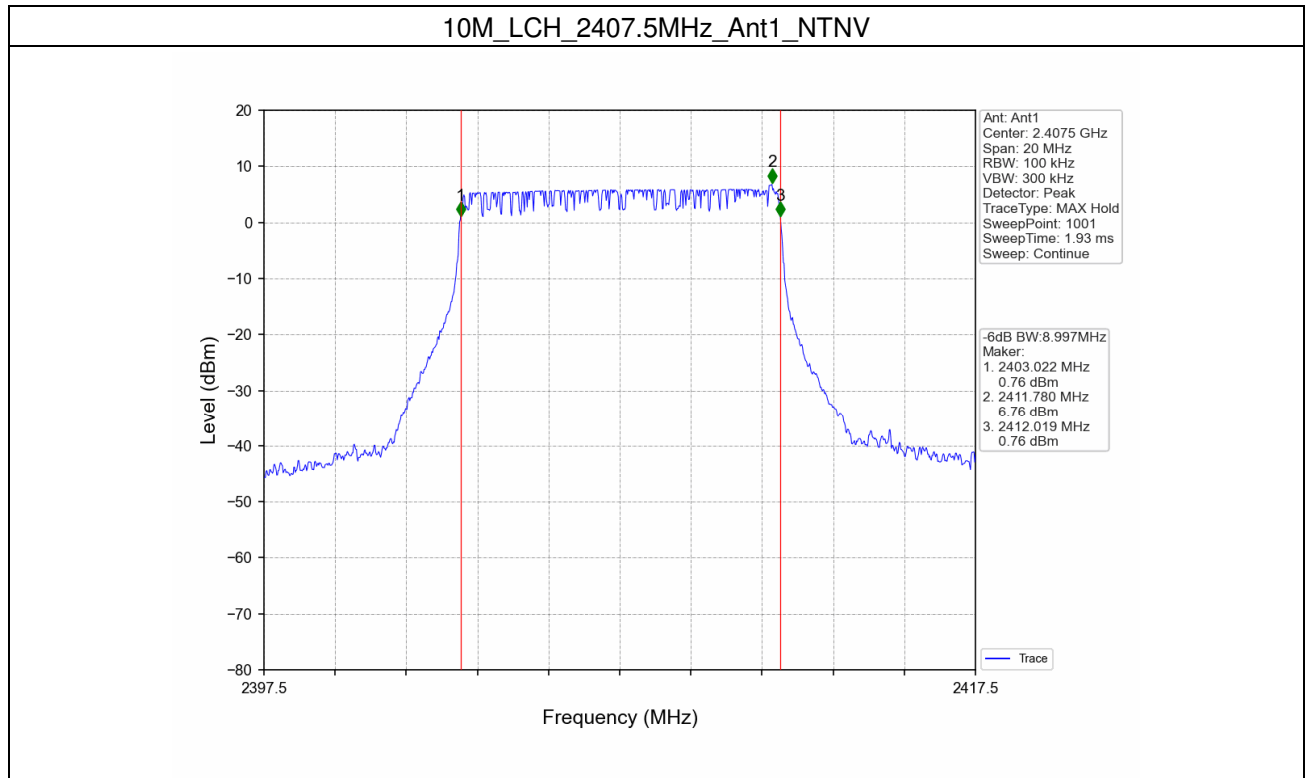
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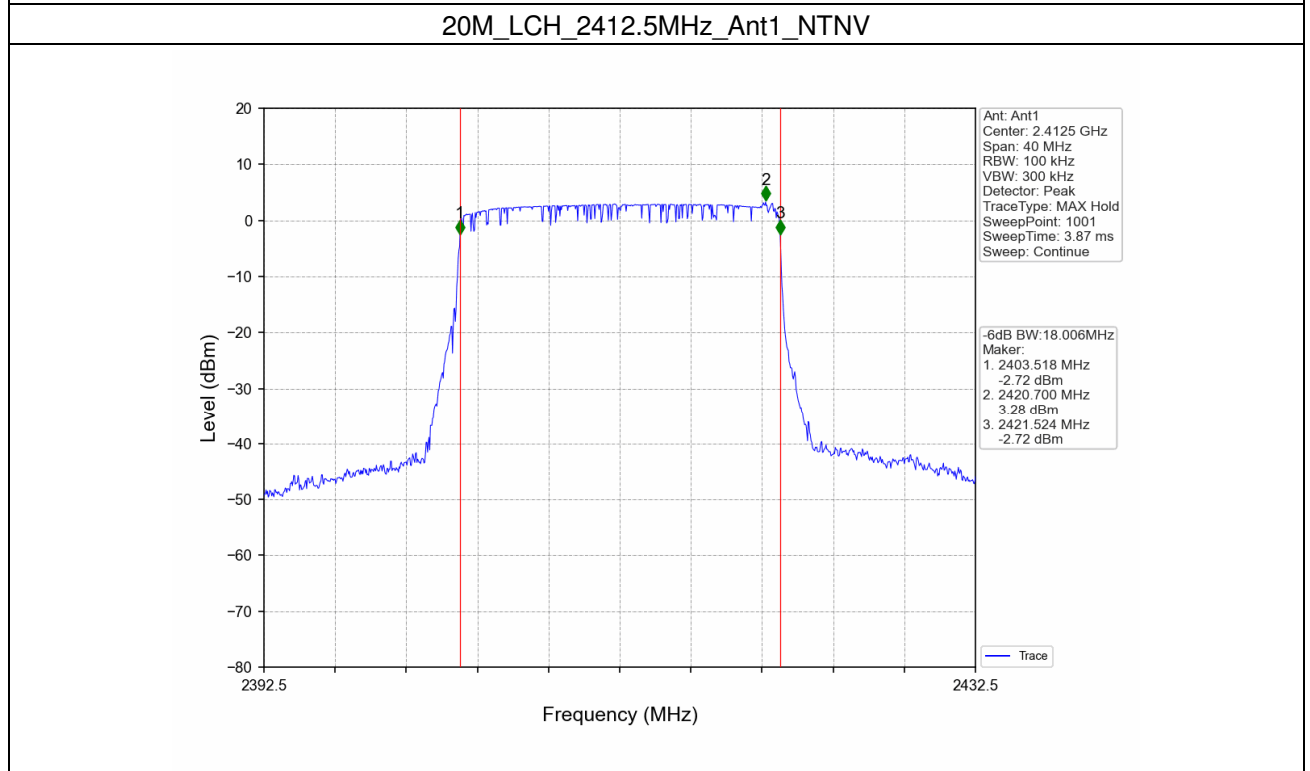
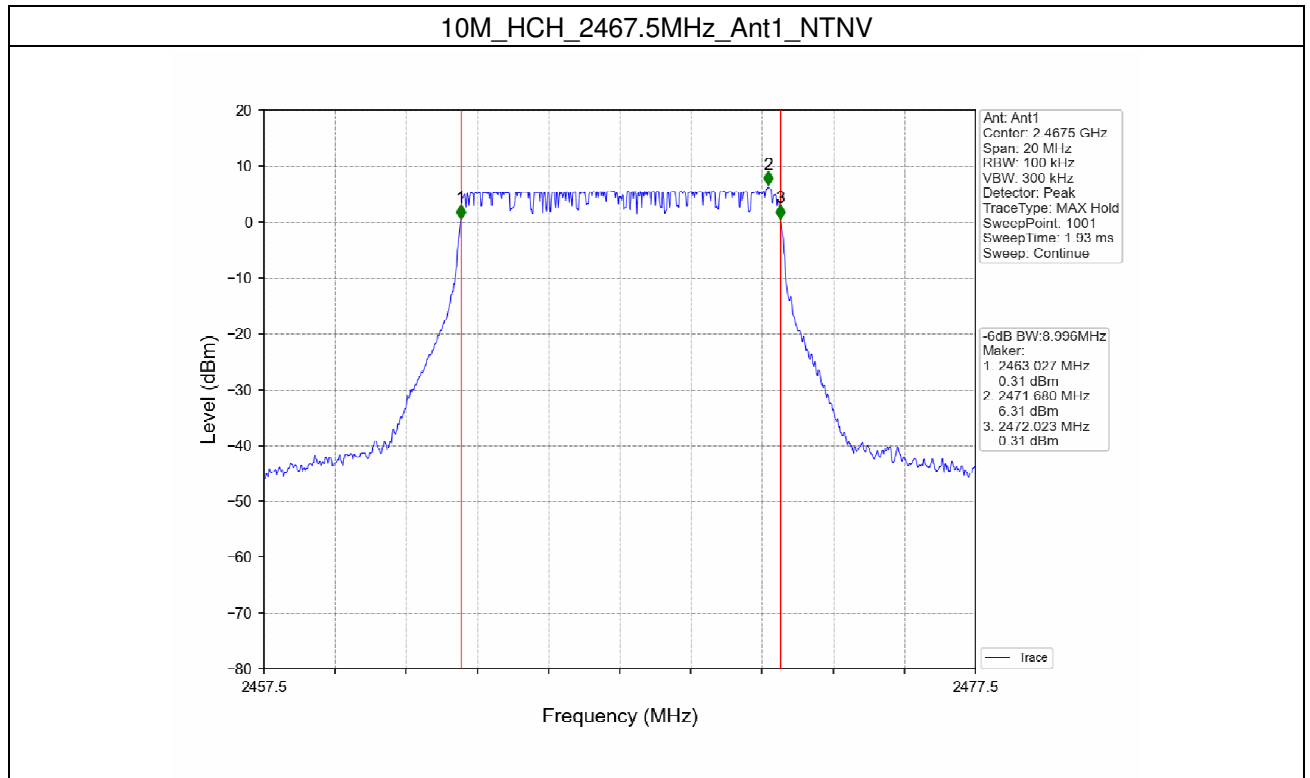
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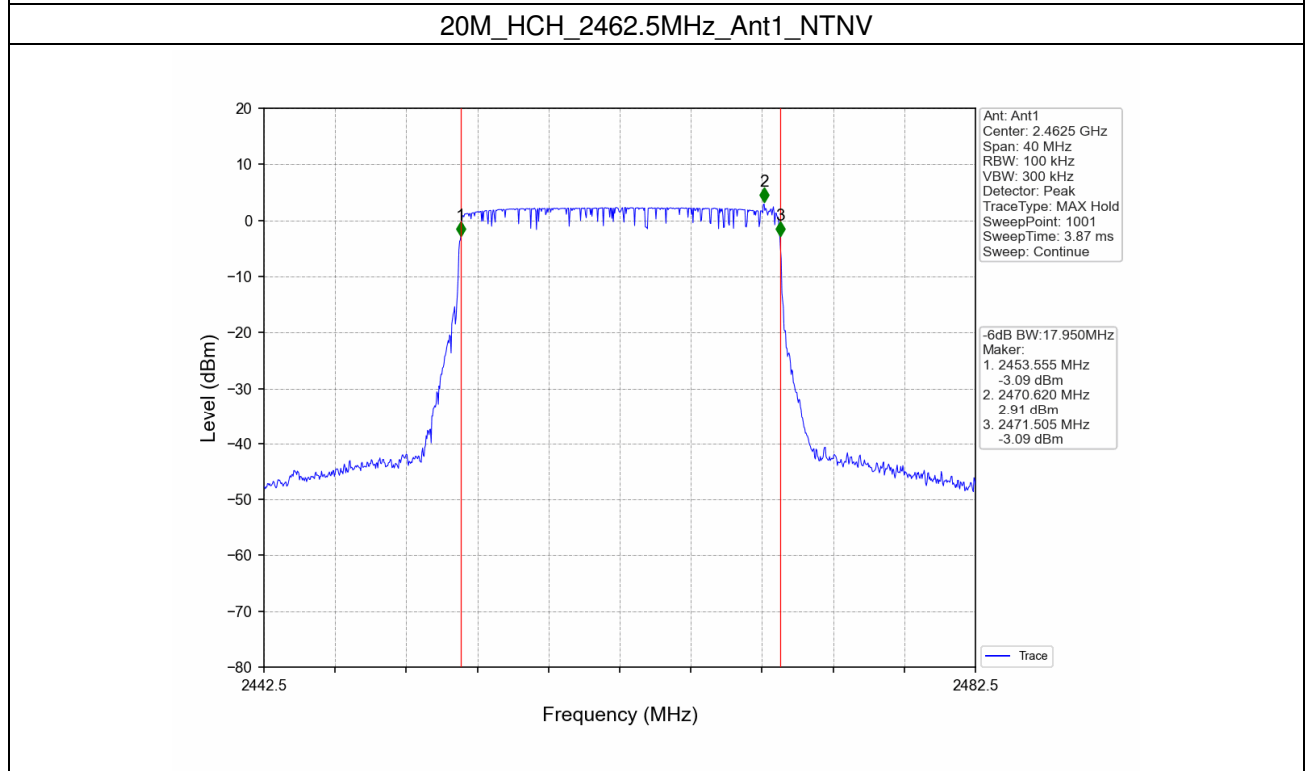
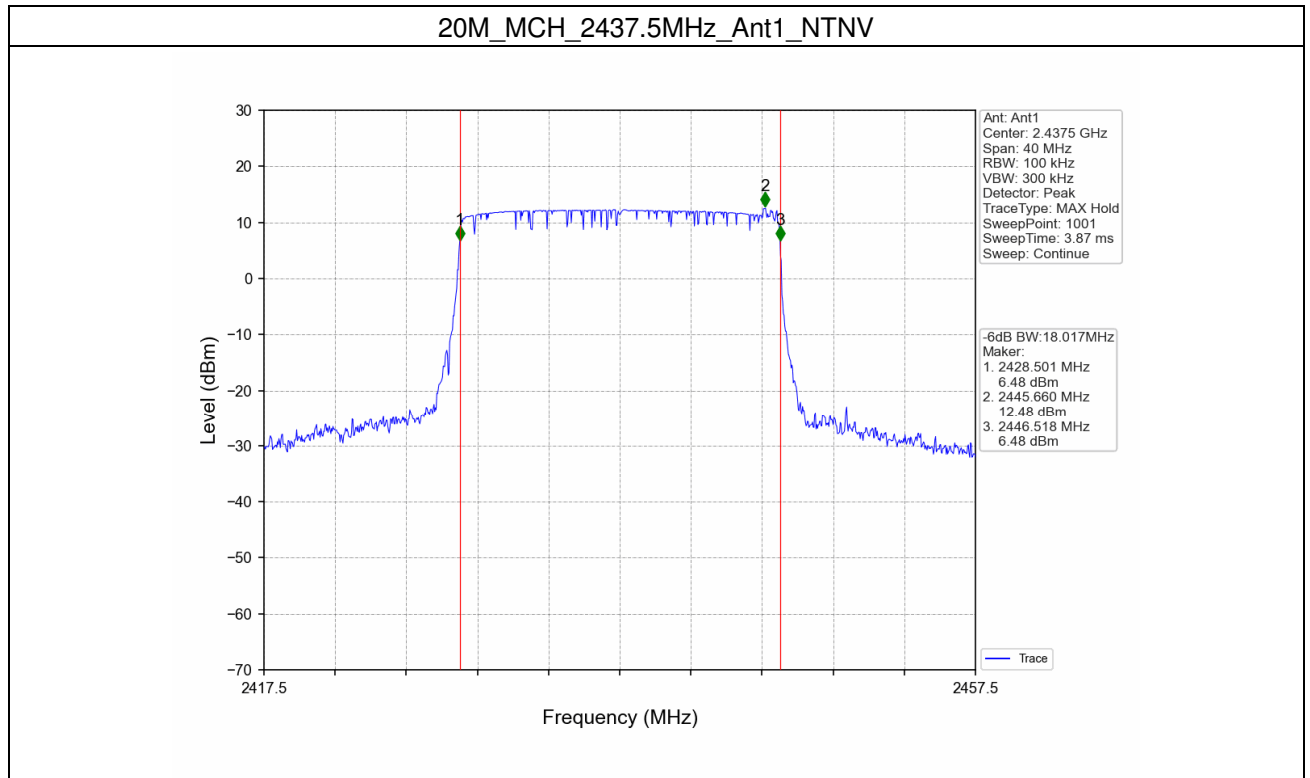
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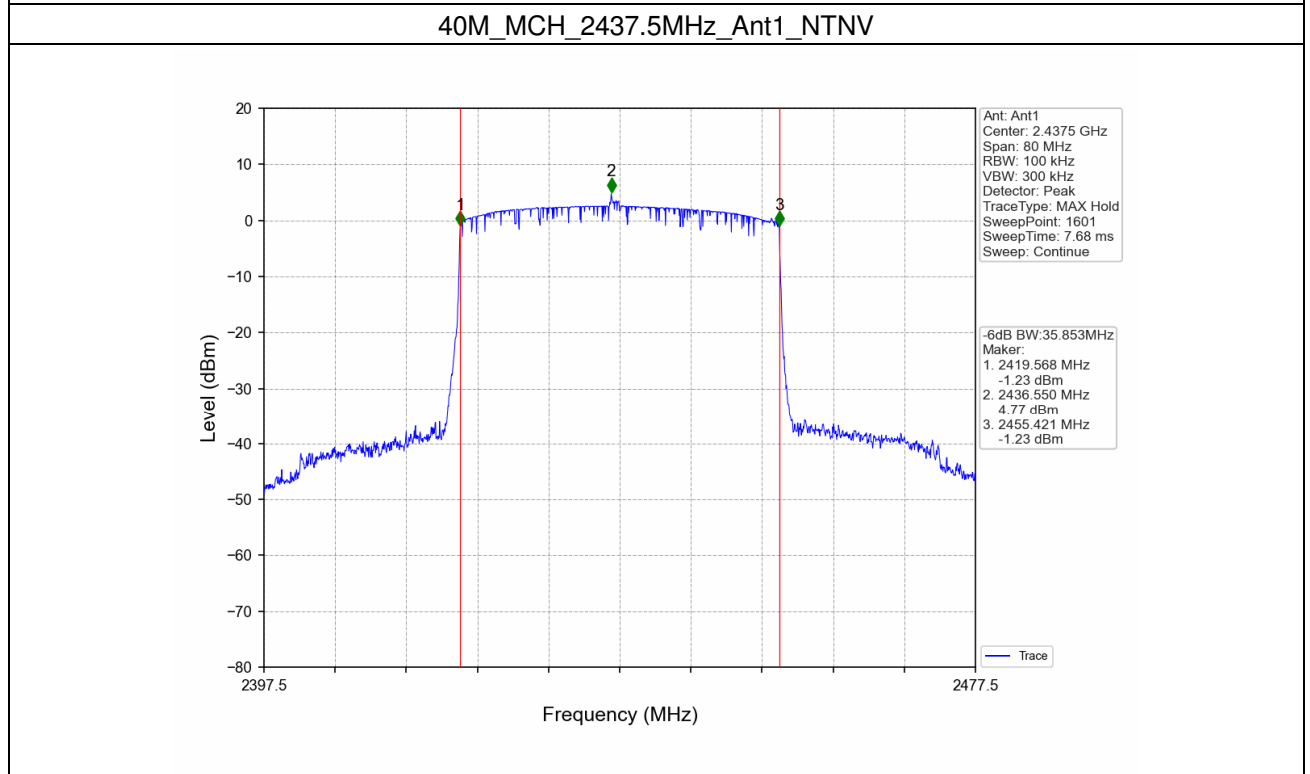
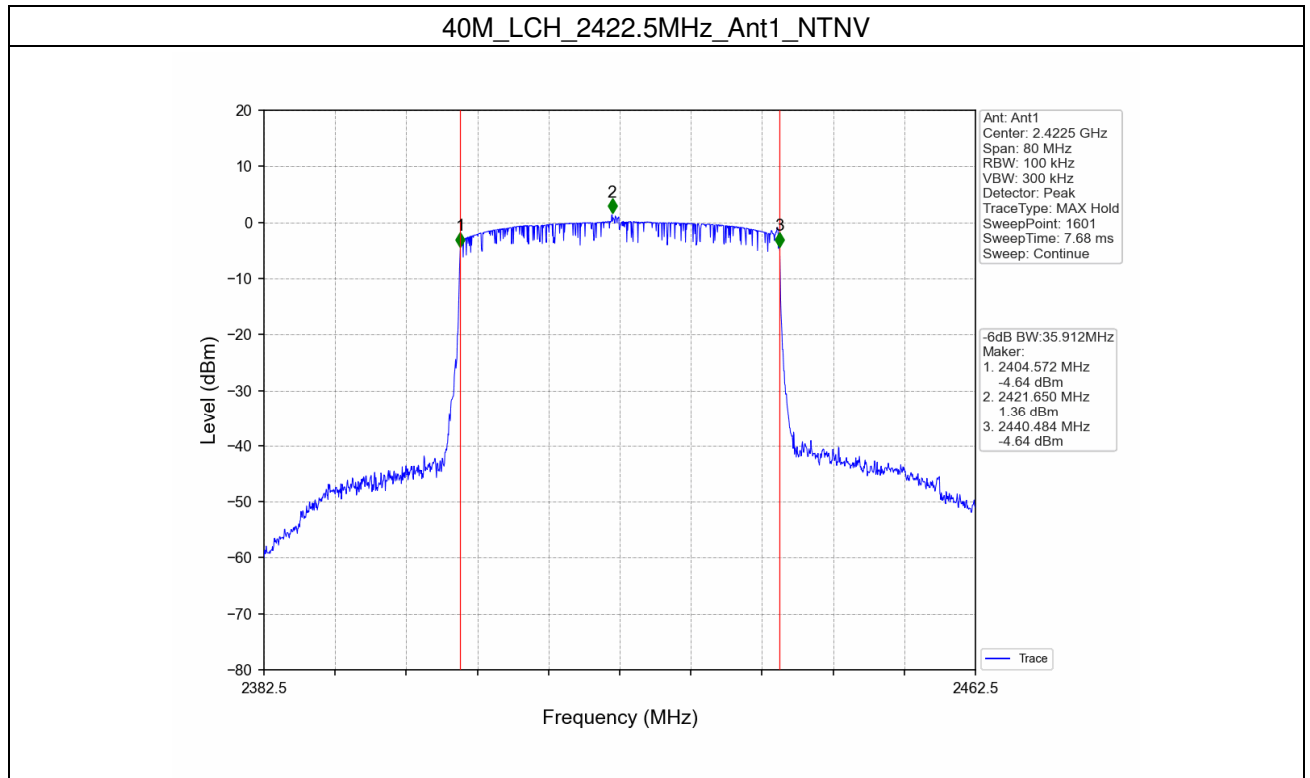
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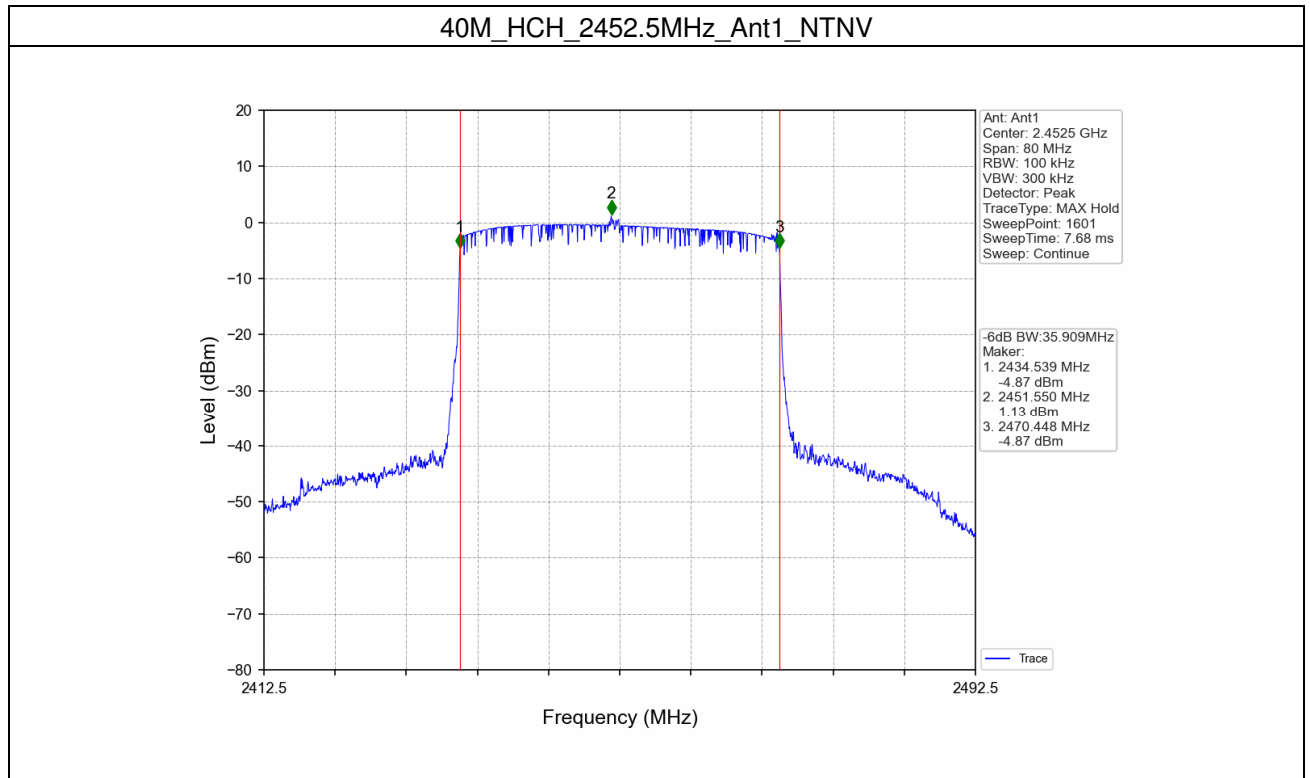
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3. Maximum Conducted Output Power

3.1 Power

3.1.1 Test Result

Mode	TX Type	Frequency (MHz)	Maximum Average Conducted Output Power (dBm)		Verdict
			Ant1	Limit	
1.4M	SISO	2403.5	15.22	<=30	Pass
		2437.5	15.53	<=30	Pass
		2469.5	15.57	<=30	Pass
3M	SISO	2405.5	15.45	<=30	Pass
		2438.5	15.34	<=30	Pass
		2468.5	15.63	<=30	Pass
10M	SISO	2407.5	12.94	<=30	Pass
		2437.5	23.35	<=30	Pass
		2467.5	12.71	<=30	Pass
20M	SISO	2412.5	12.99	<=30	Pass
		2437.5	22.06	<=30	Pass
		2462.5	12.31	<=30	Pass
40M	SISO	2422.5	12.73	<=30	Pass
		2437.5	15.44	<=30	Pass
		2452.5	12.33	<=30	Pass

Note1: Antenna Gain: Ant1: 2.5dBi;



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4. Maximum Power Spectral Density

4.1 PSD

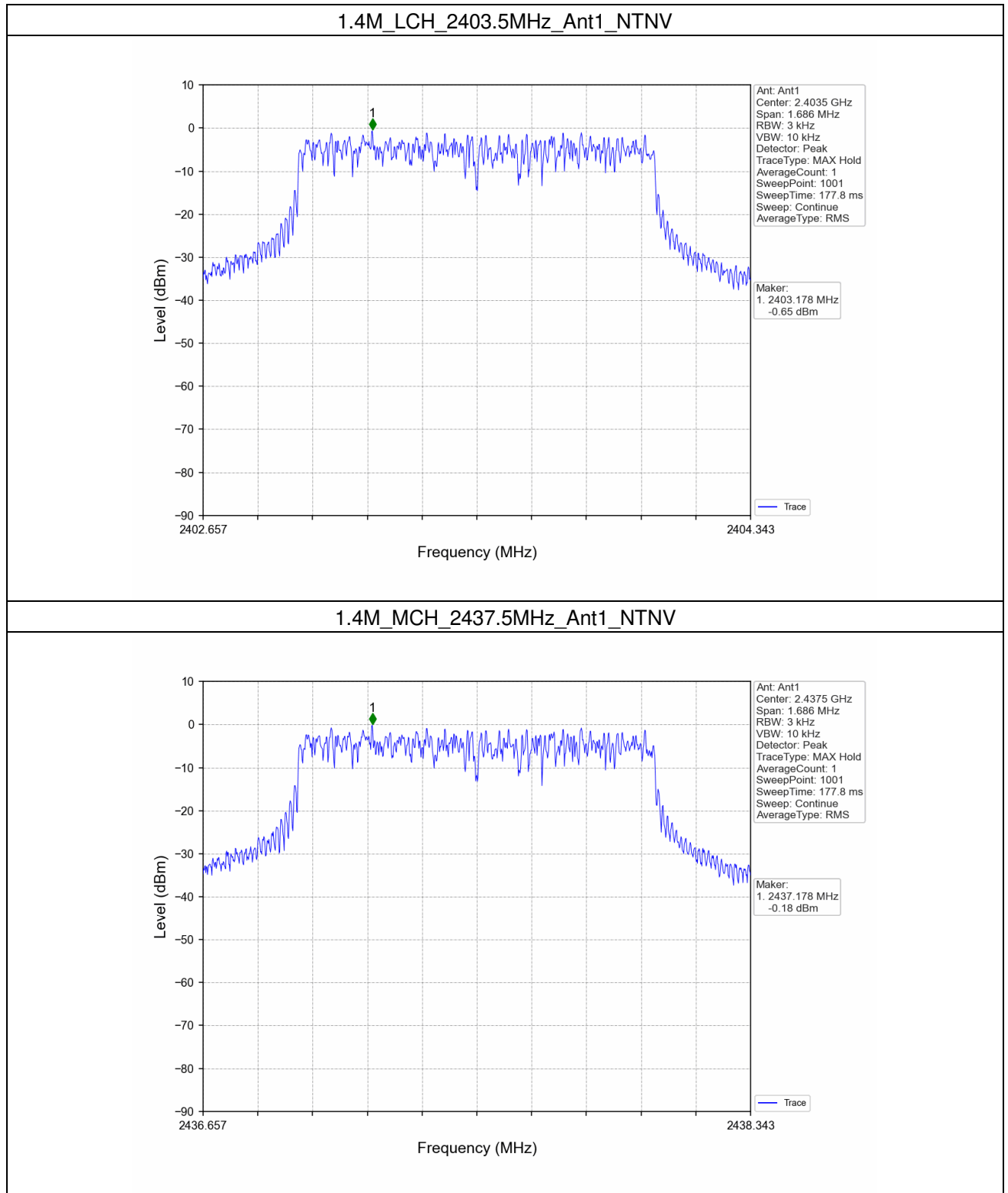
4.1.1 Test Result

Mode	TX Type	Frequency (MHz)	Maximum PSD (dBm/3kHz)		Verdict
			Ant1	Limit	
1.4M	SISO	2403.5	-0.65	<=8	Pass
		2437.5	-0.18	<=8	Pass
		2469.5	0.05	<=8	Pass
3M	SISO	2405.5	-1.35	<=8	Pass
		2438.5	-1.36	<=8	Pass
		2468.5	-1.22	<=8	Pass
10M	SISO	2407.5	-12.96	<=8	Pass
		2437.5	-2.12	<=8	Pass
		2467.5	-12.70	<=8	Pass
20M	SISO	2412.5	-15.37	<=8	Pass
		2437.5	-5.62	<=8	Pass
		2462.5	-15.72	<=8	Pass
40M	SISO	2422.5	-17.79	<=8	Pass
		2437.5	-15.94	<=8	Pass
		2452.5	-18.14	<=8	Pass

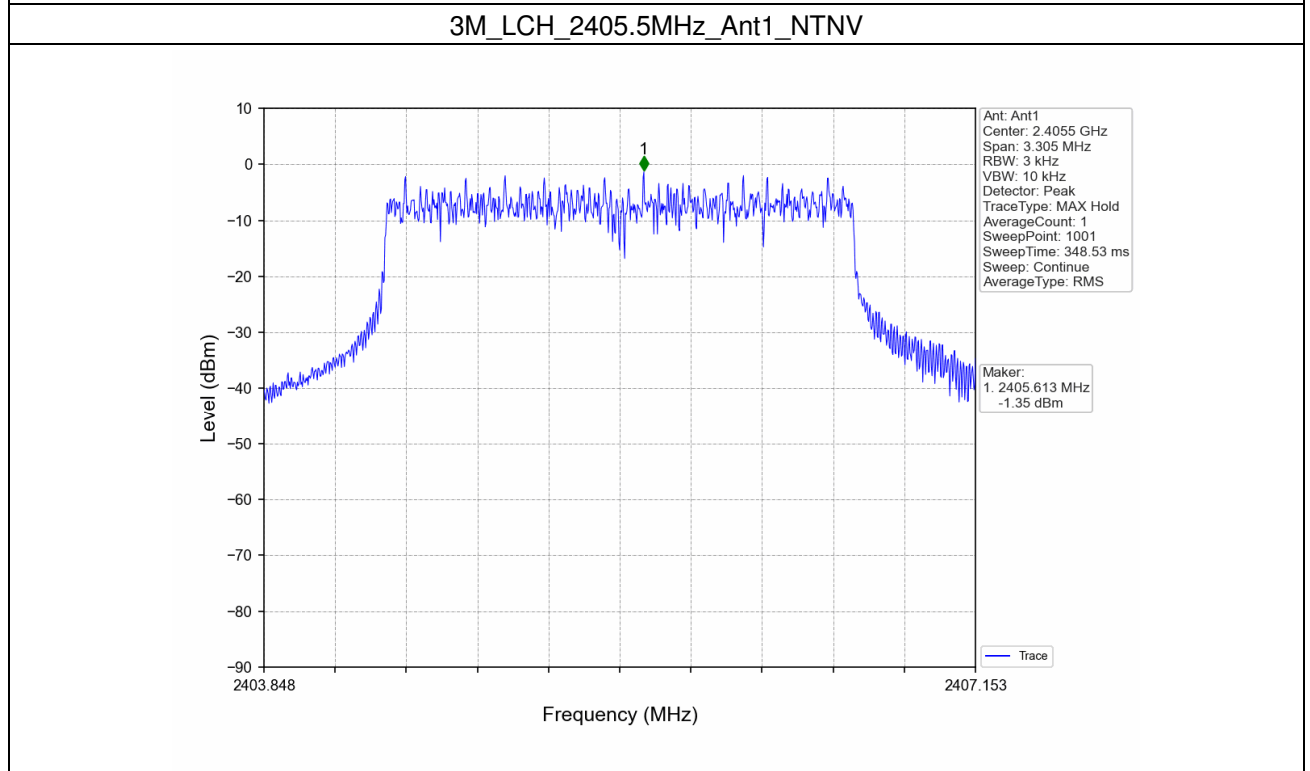
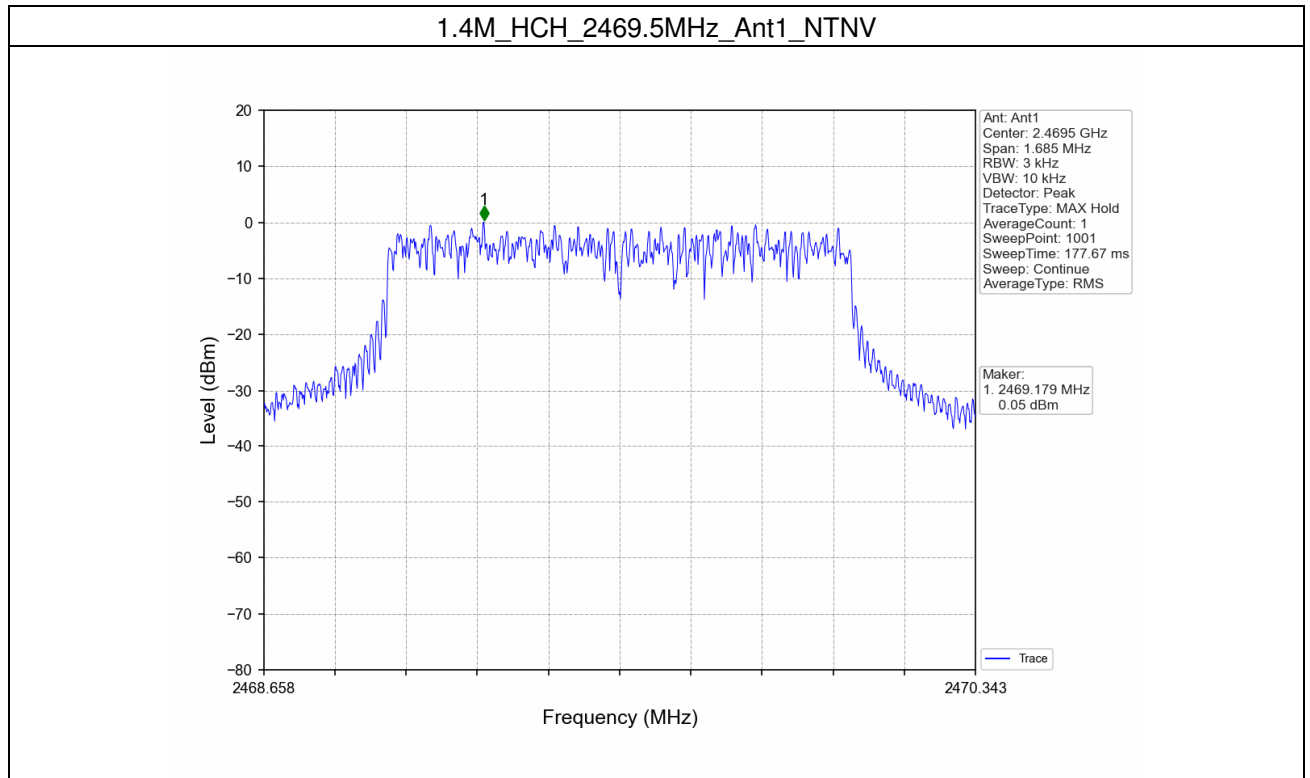
Note1: Antenna Gain: Ant1: 2.5dBi;



4.1.2 Test Graph

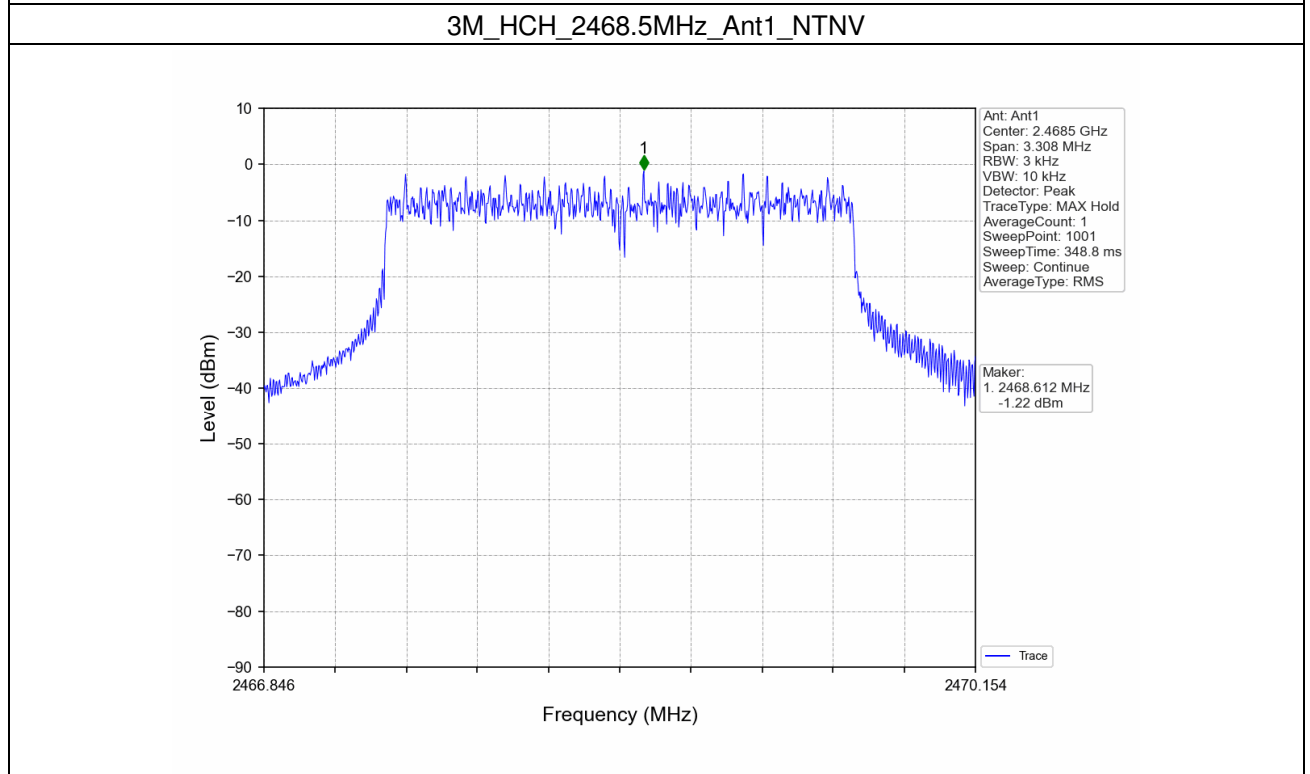
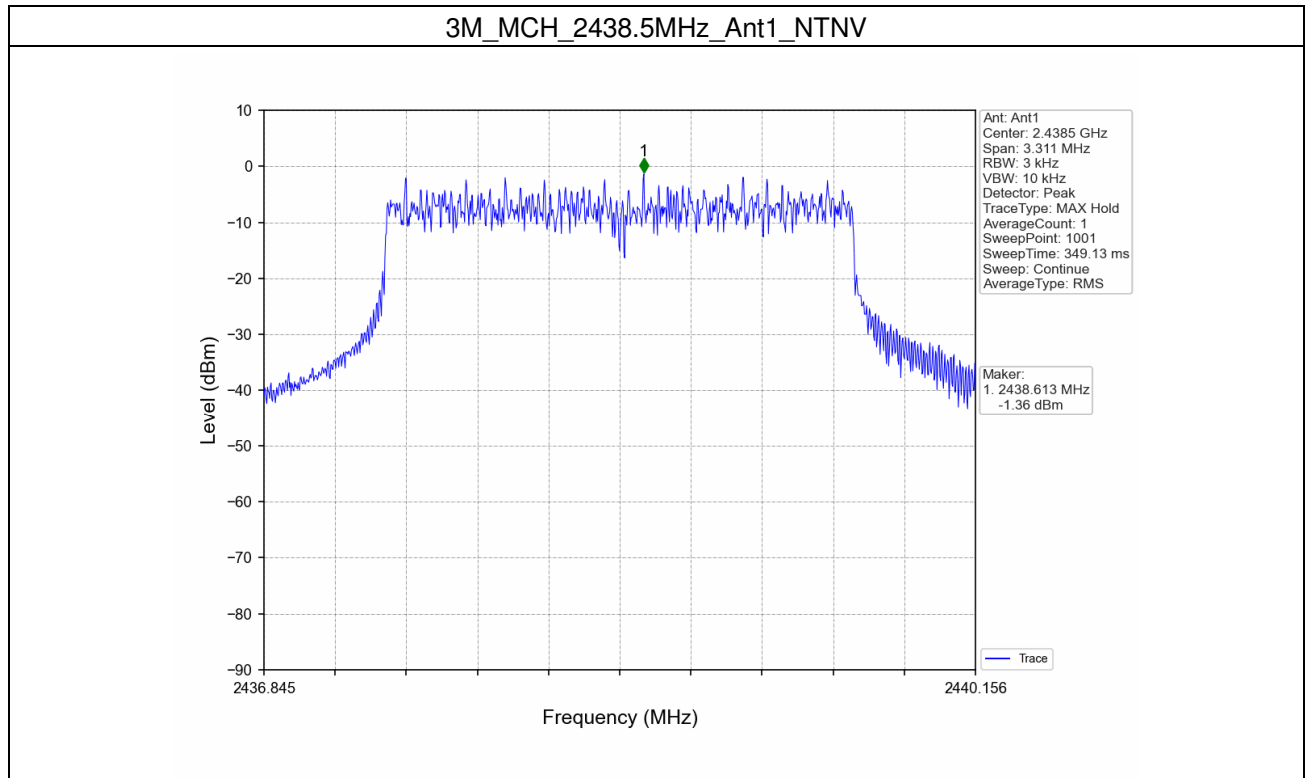


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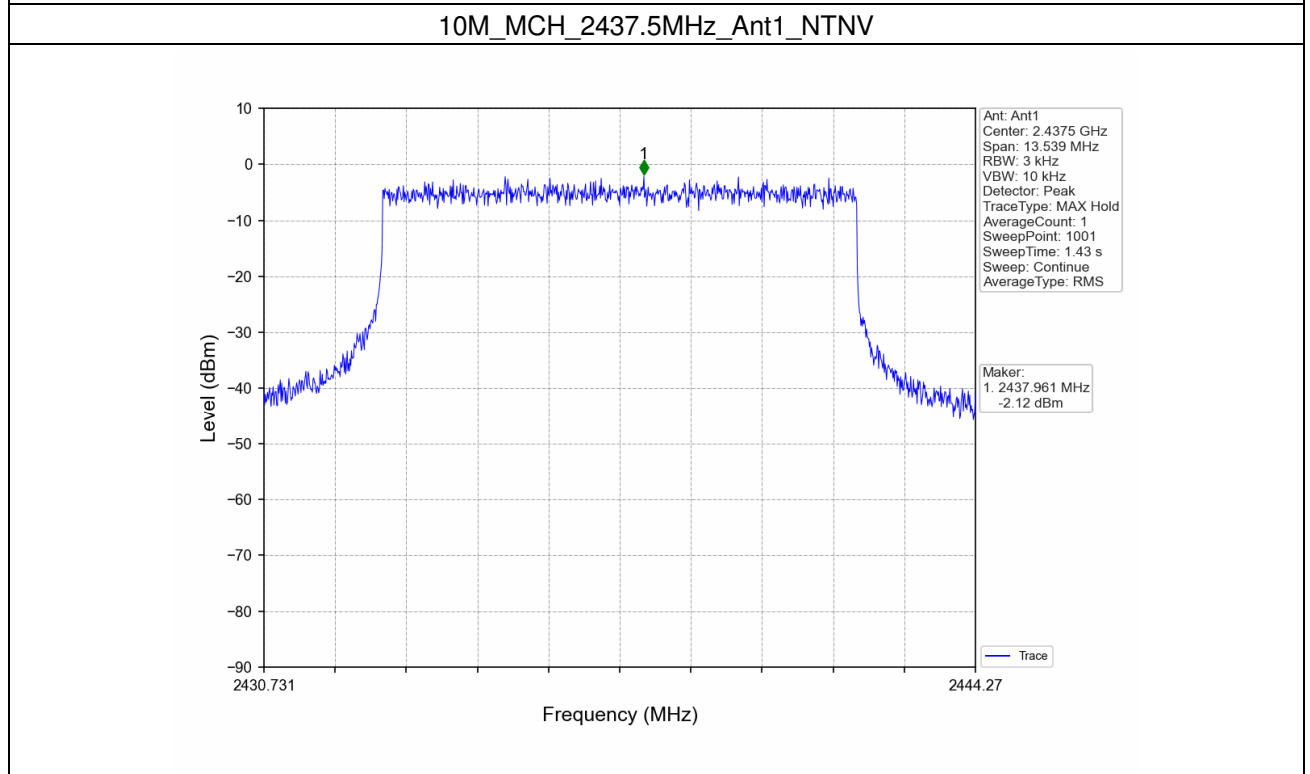
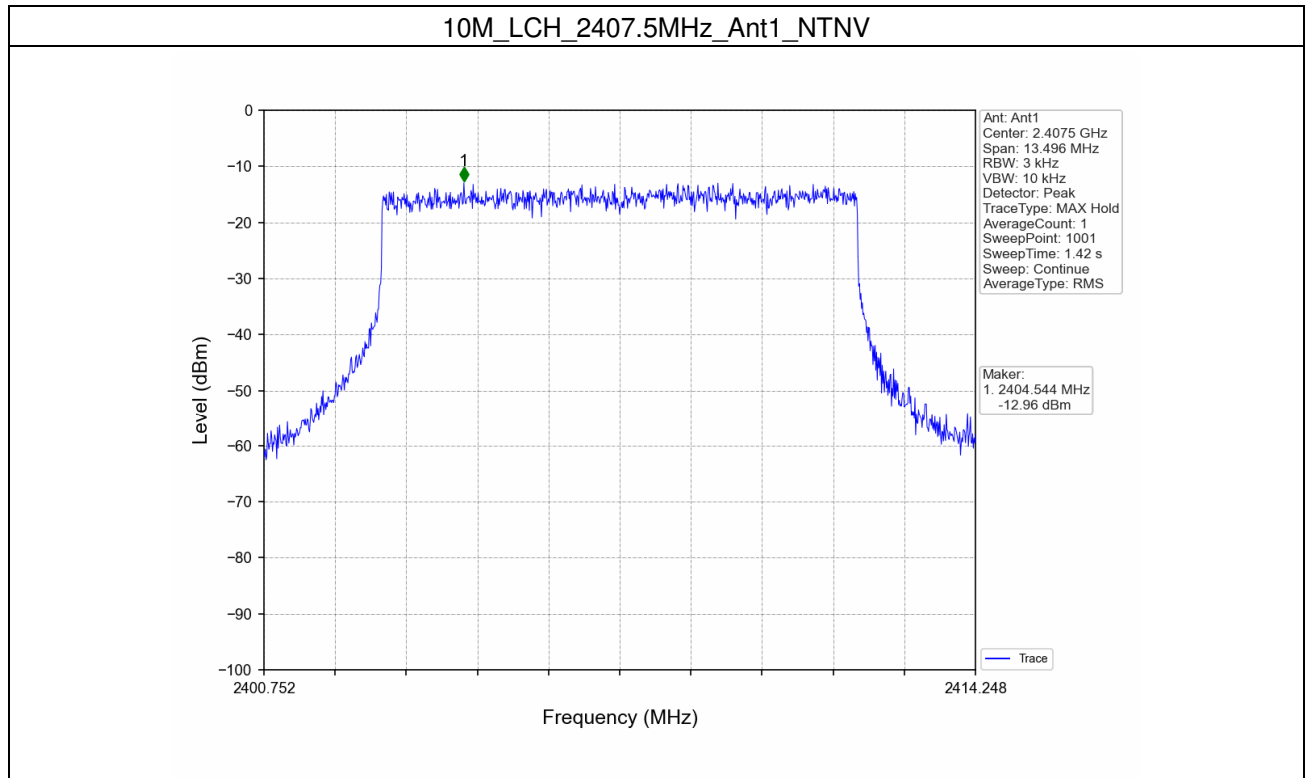
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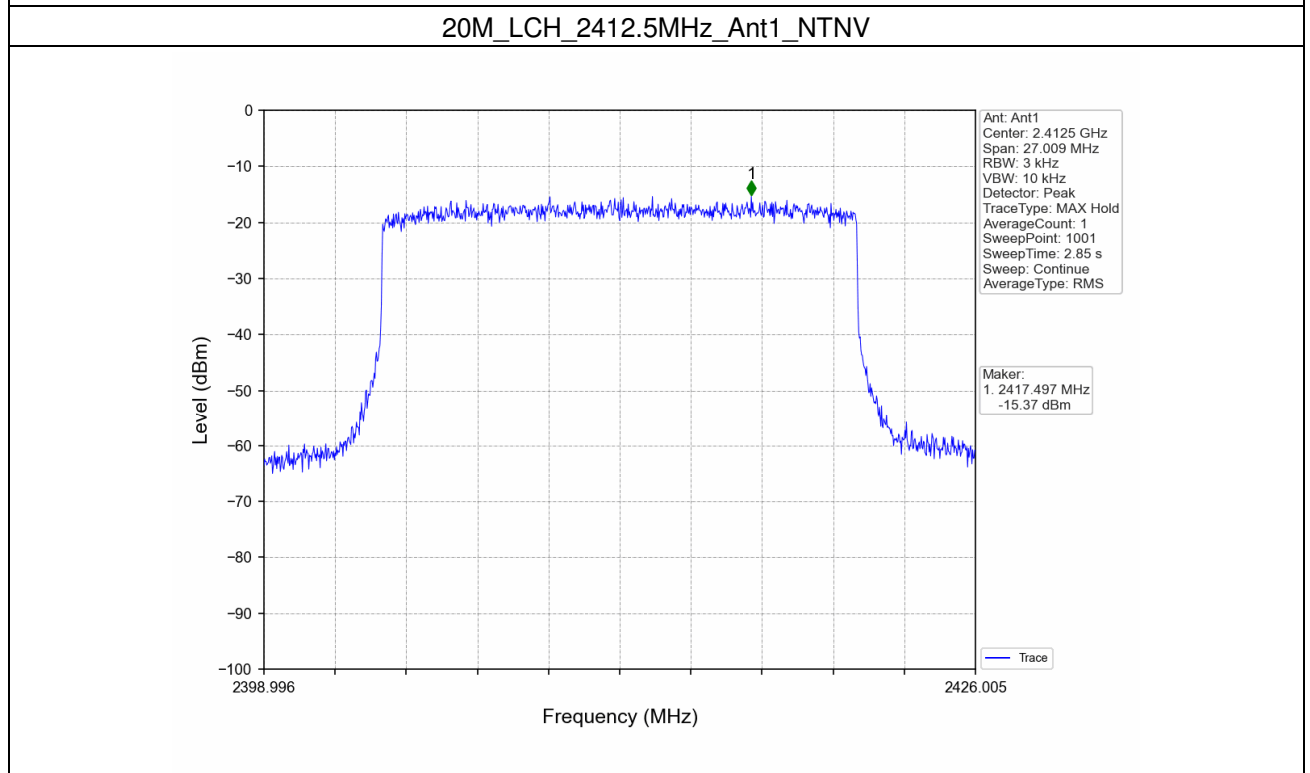
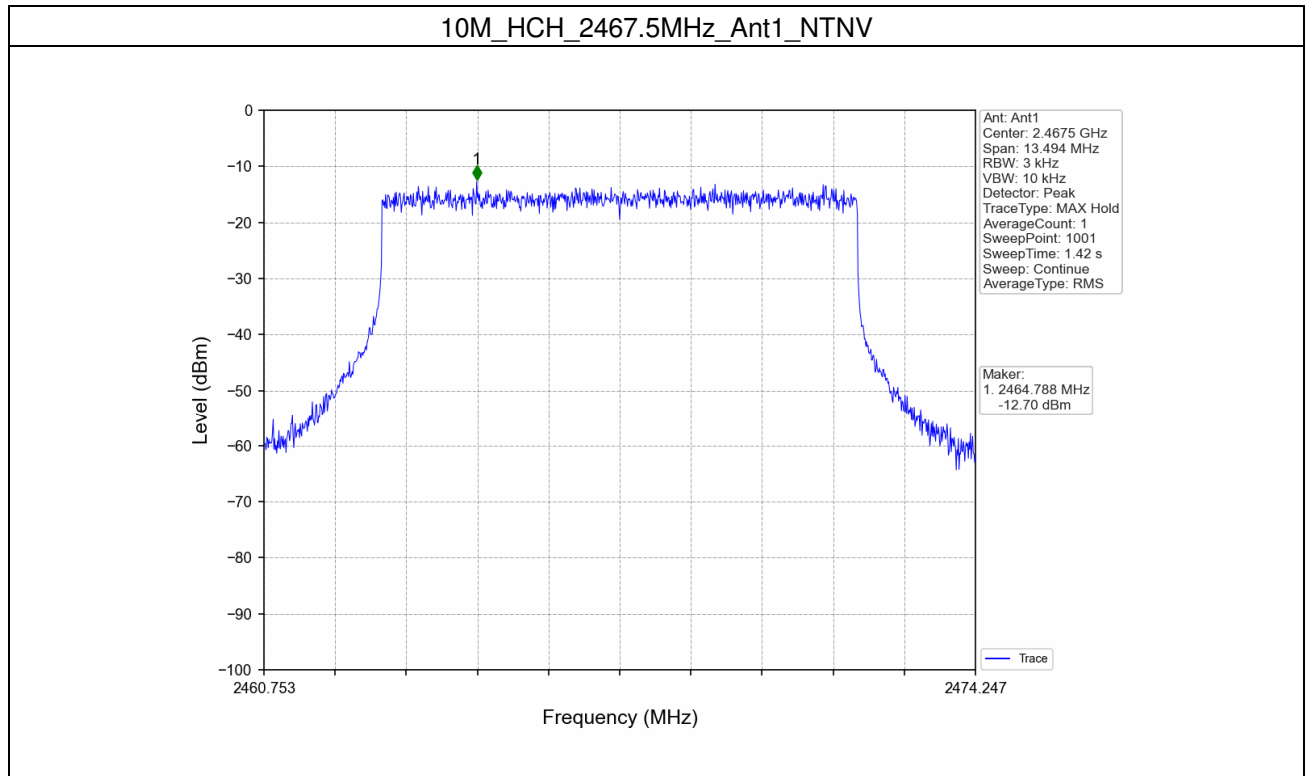


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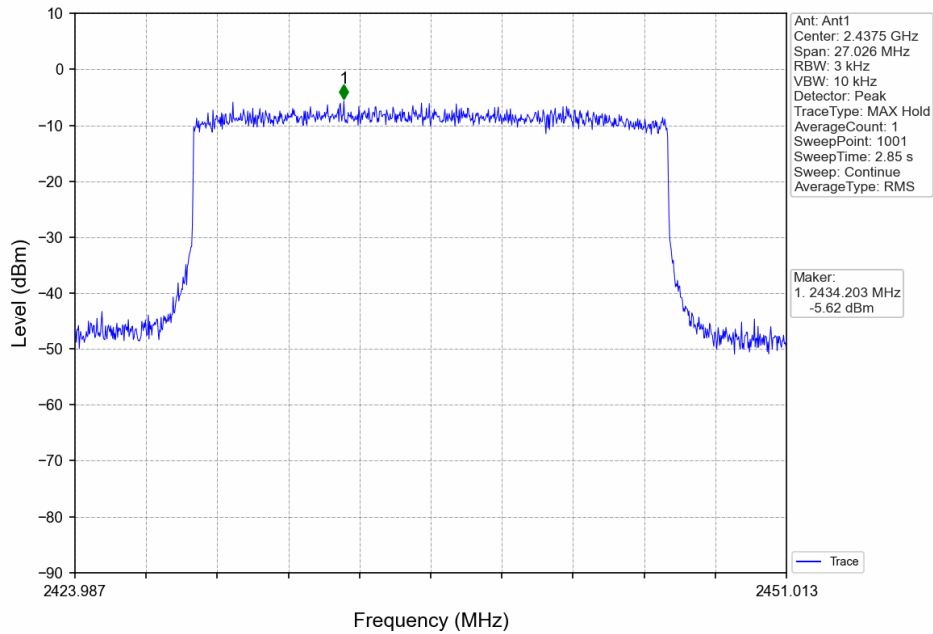


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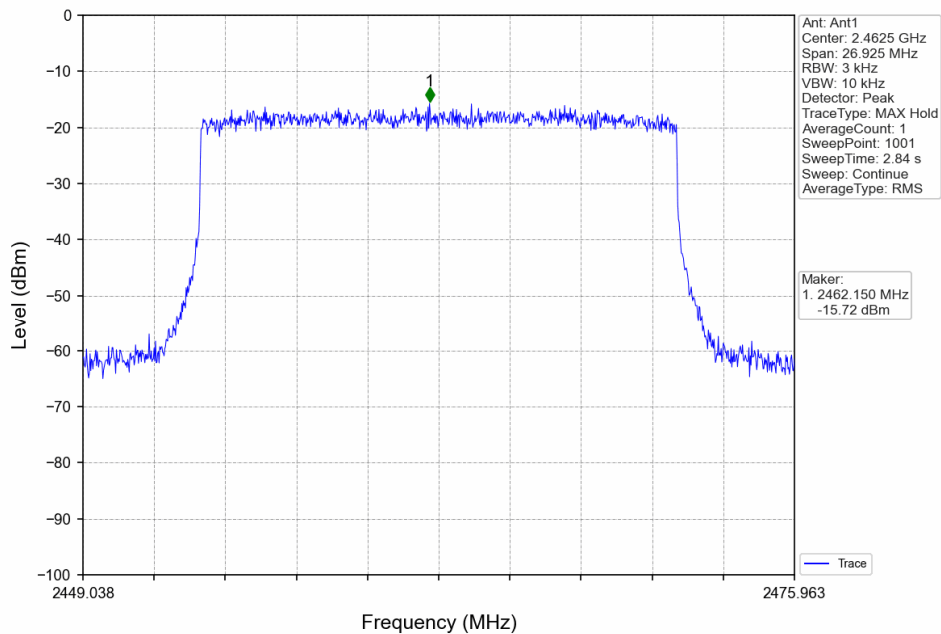


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20M_MCH_2437.5MHz_Ant1_NTNV

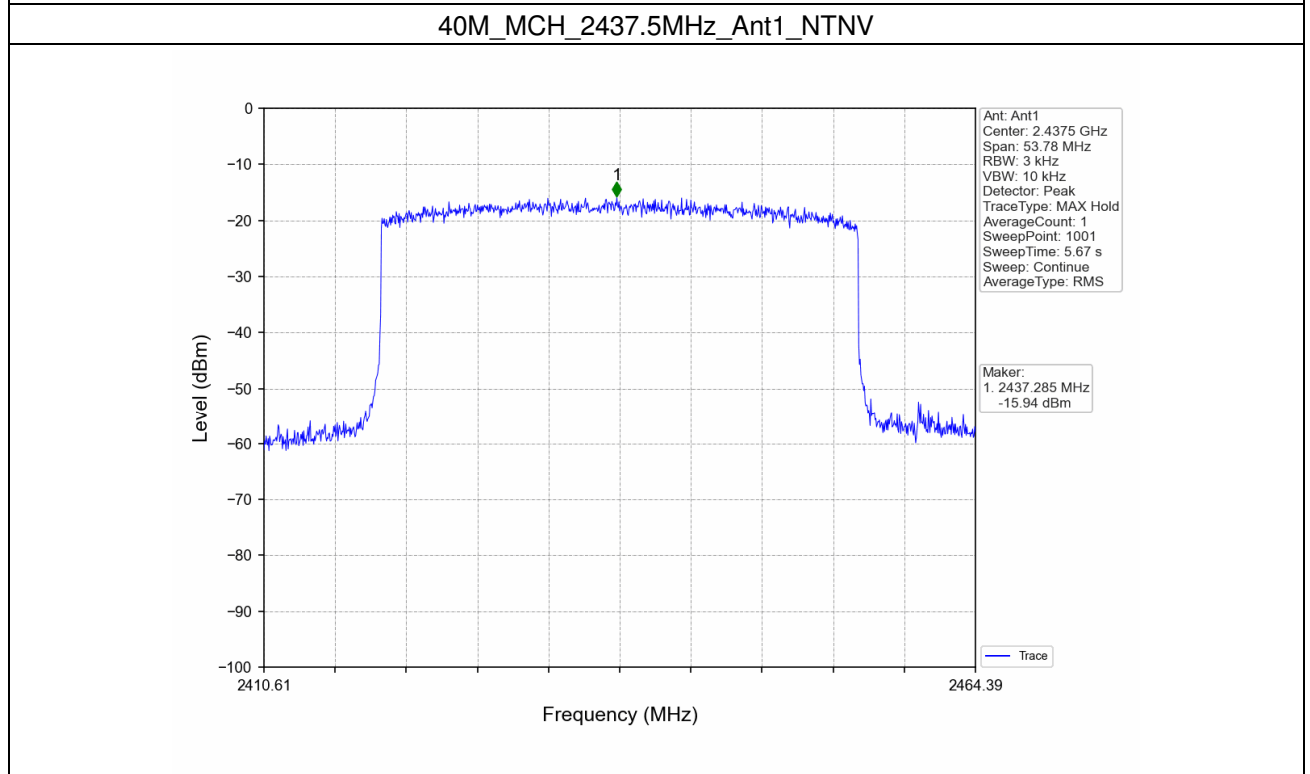
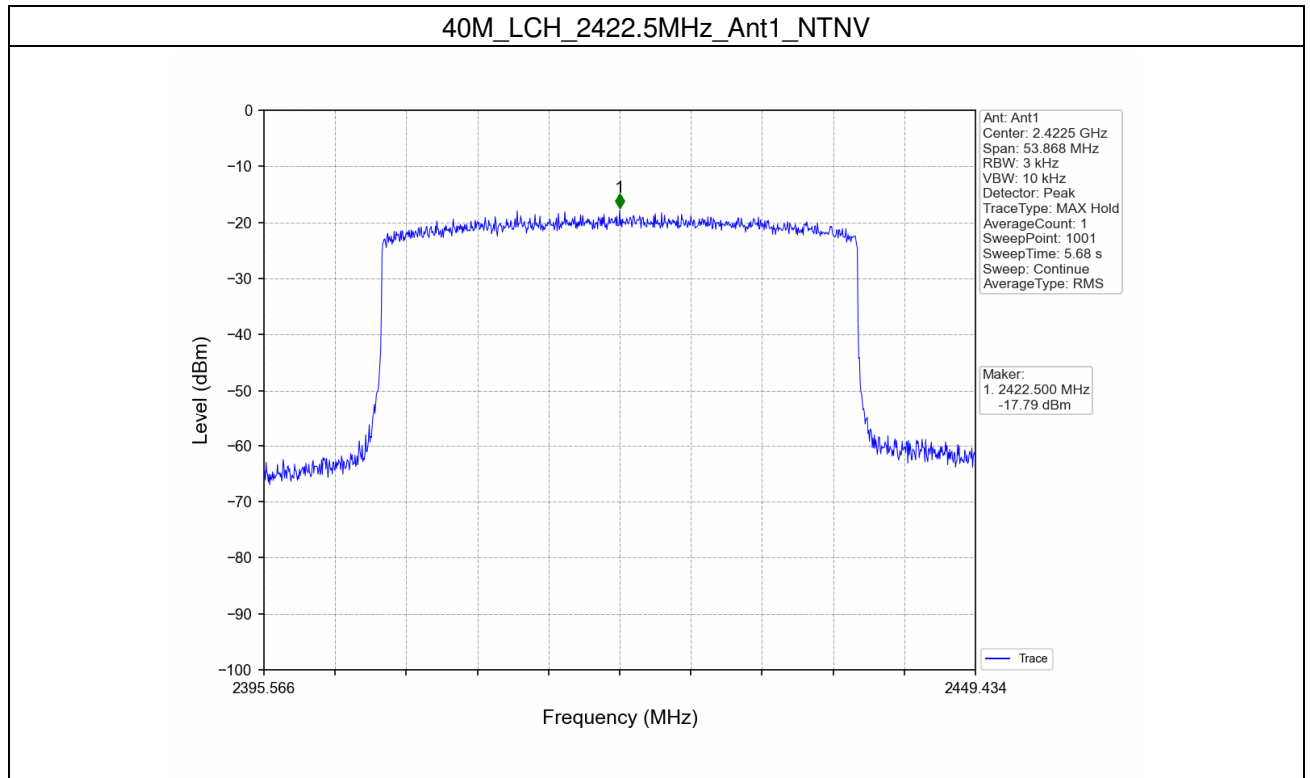


20M_HCH_2462.5MHz_Ant1_NTNV



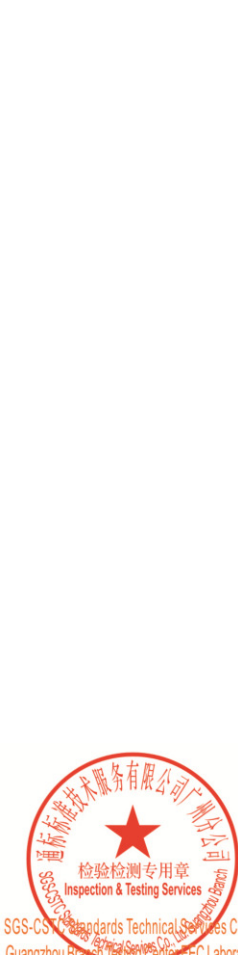
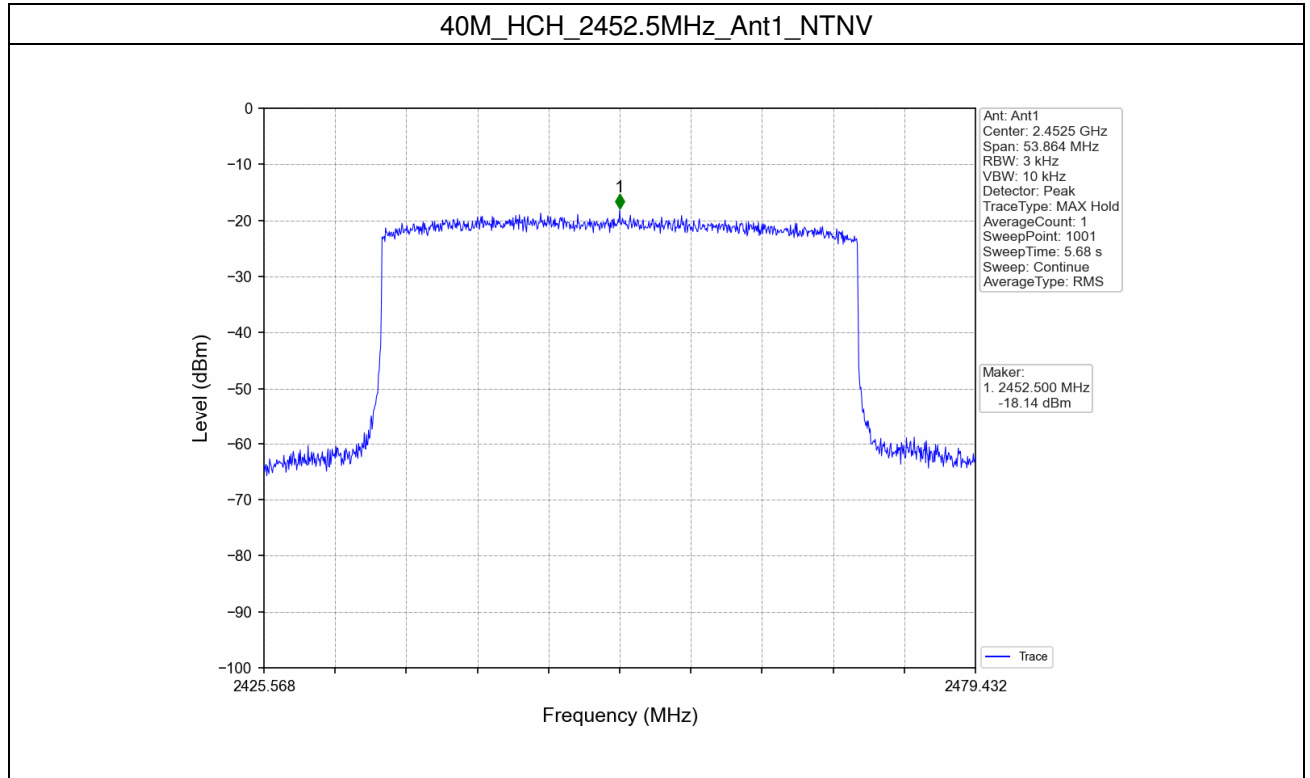
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5. Unwanted Emissions In Non-restricted Frequency Bands

5.1 Ref

5.1.1 Test Result

Mode	TX Type	Frequency (MHz)	Ant	Level of Reference (dBm)
1.4M	SISO	2403.5	1	13.49
		2437.5	1	13.88
		2469.5	1	14.11
3M	SISO	2405.5	1	11.23
		2438.5	1	11.23
		2468.5	1	11.47
10M	SISO	2407.5	1	6.67
		2437.5	1	17.01
		2467.5	1	5.54
20M	SISO	2412.5	1	2.84
		2437.5	1	12.57
		2462.5	1	2.22
40M	SISO	2422.5	1	0.74
		2437.5	1	3.58
		2452.5	1	-0.37

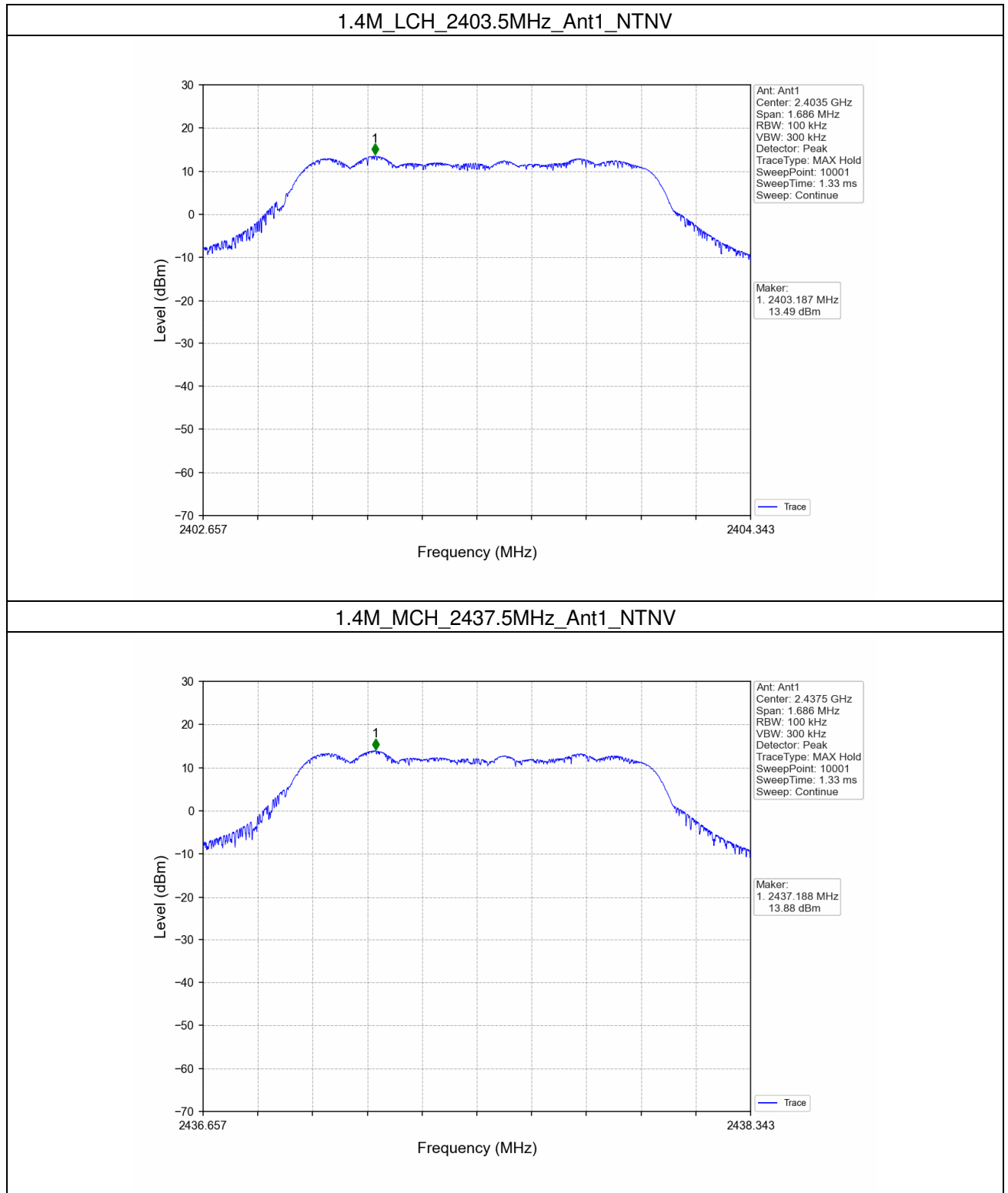
Note1: Refer to FCC Part 15.247 (d) and ANSI C63.10-2013, the channel contains the maximum PSD level was used to establish the reference level.

Note2: RBW = 1MHz was used during the pre-test. The final test will be performed at RBW=100kHz while the margin is less than 3dB.



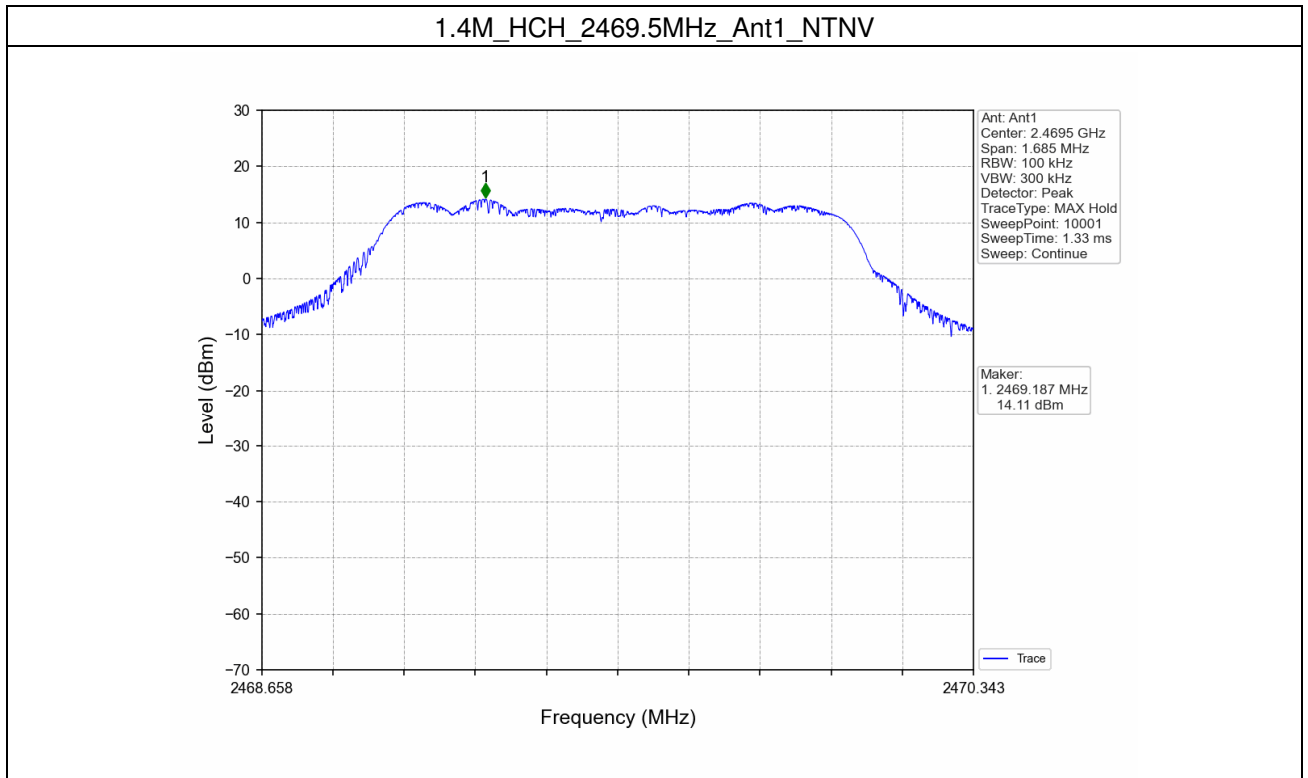
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5.1.2 Test Graph

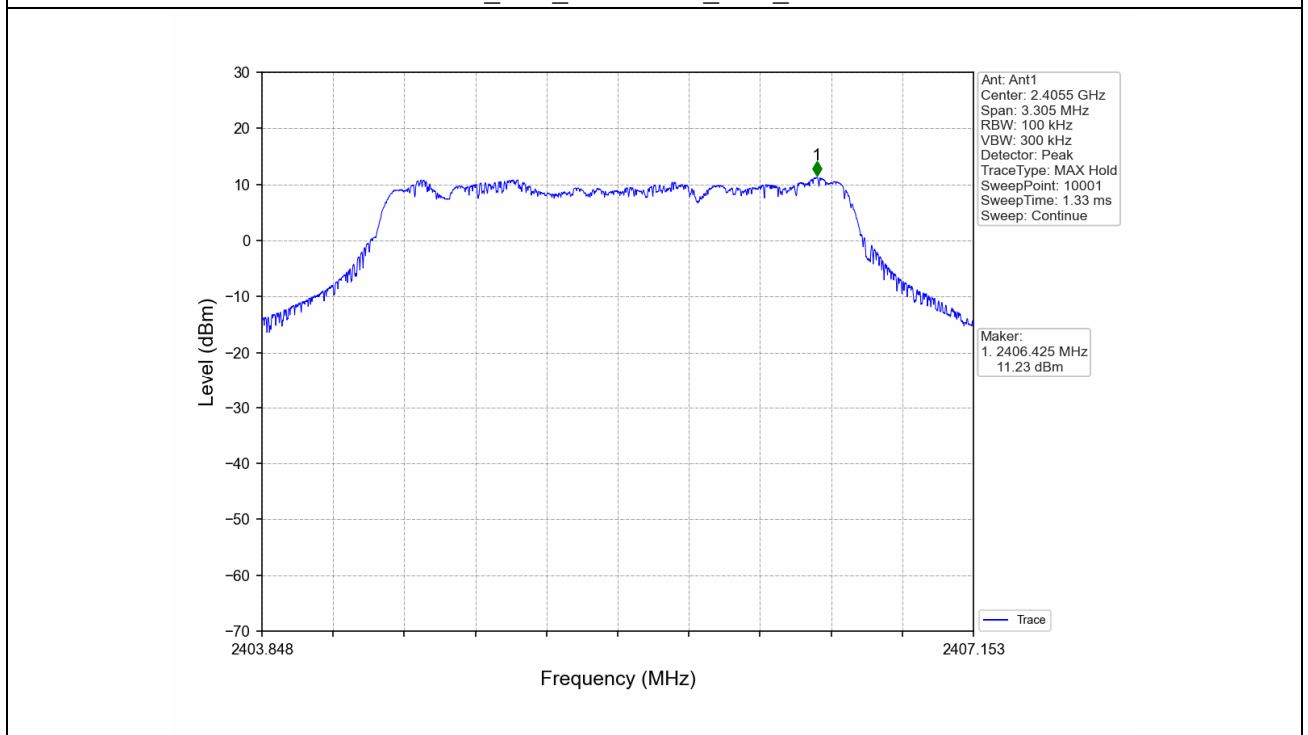


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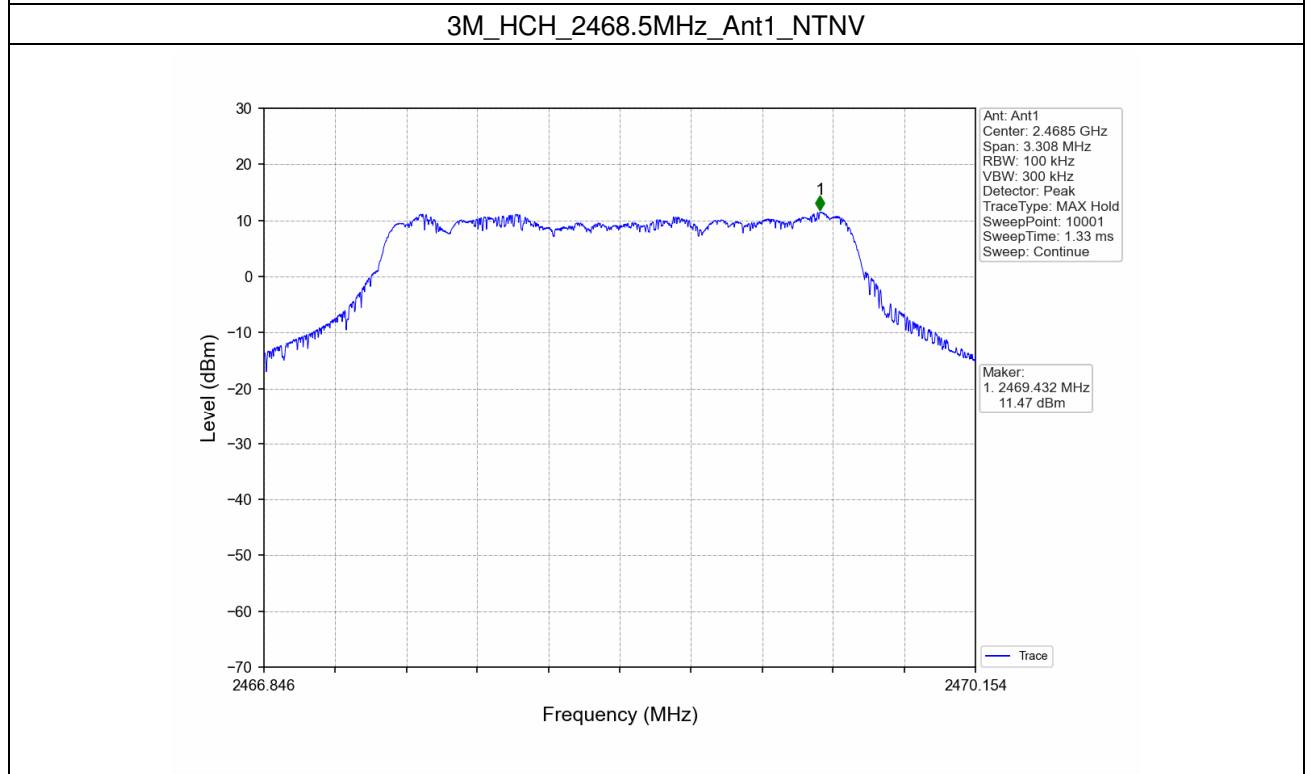
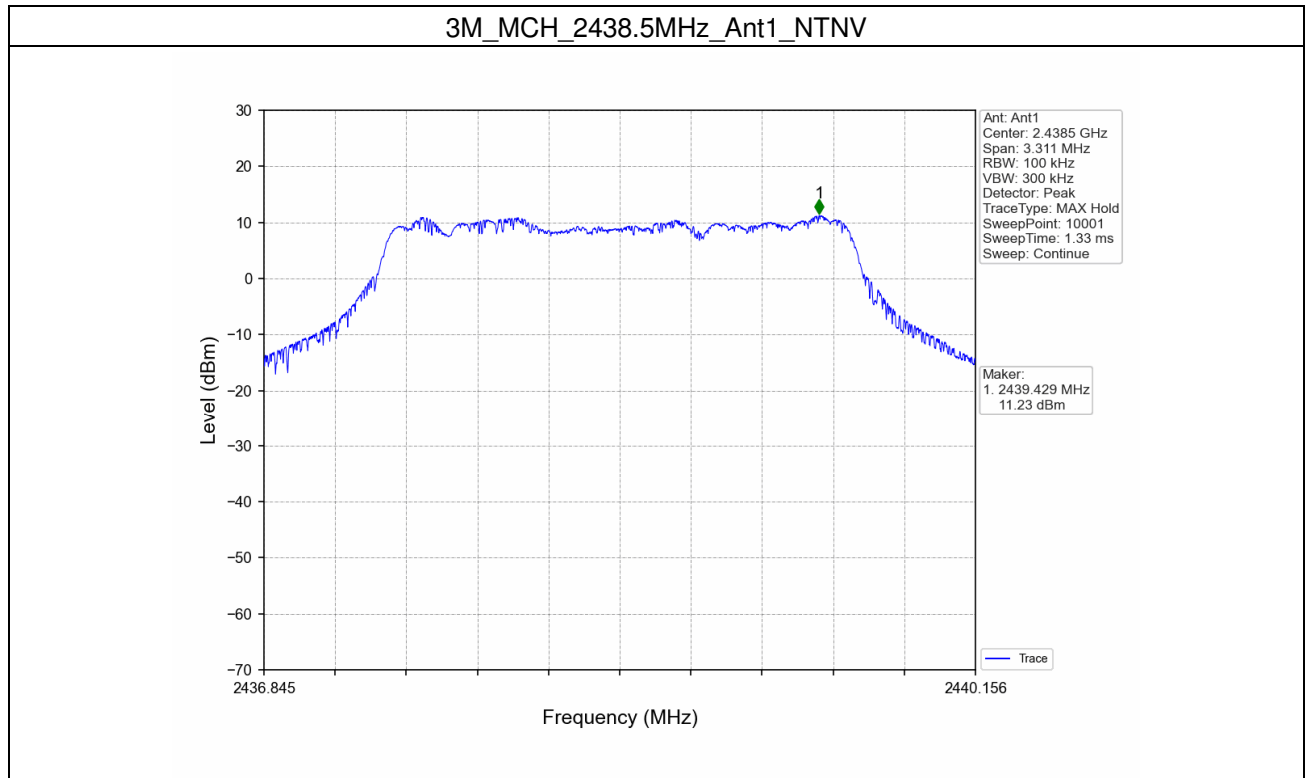
1.4M_HCH_2469.5MHz_Ant1_NTNV



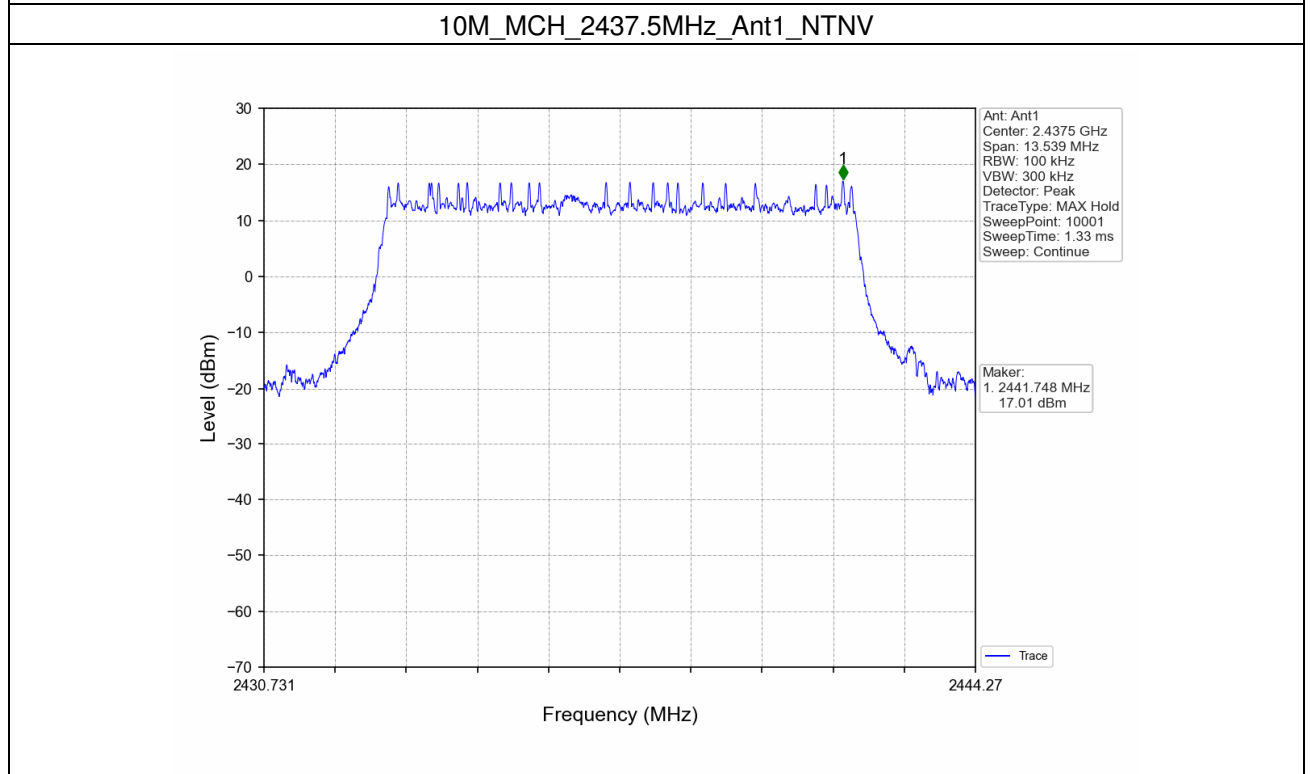
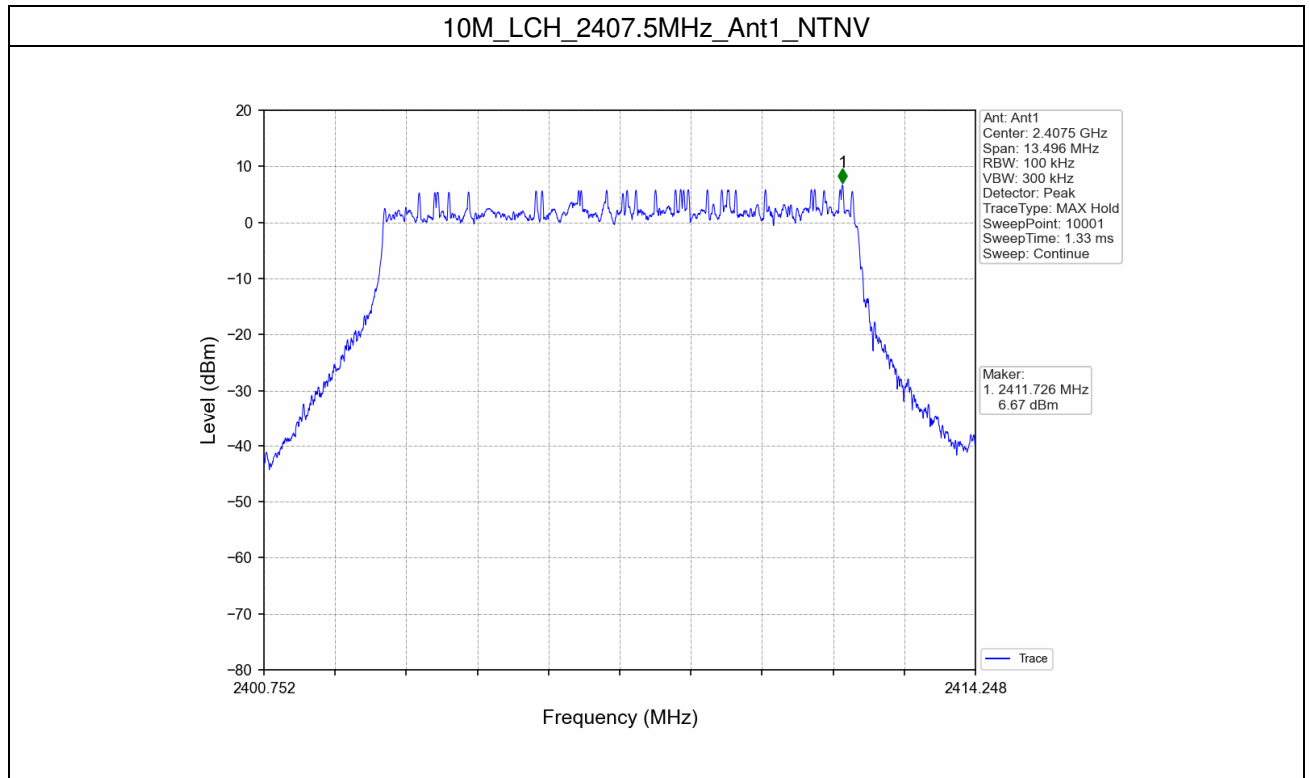
3M_LCH_2405.5MHz_Ant1_NTNV



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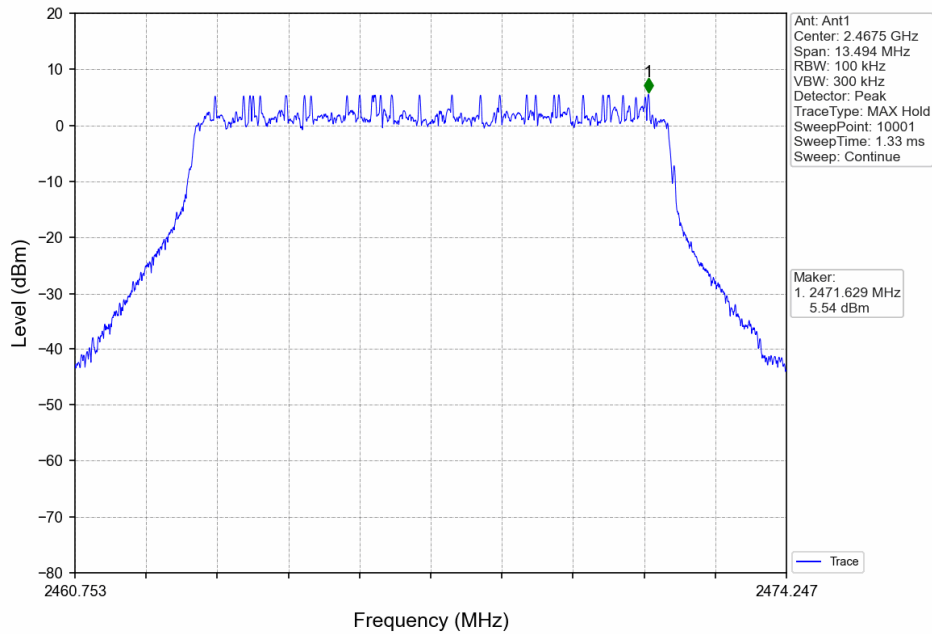
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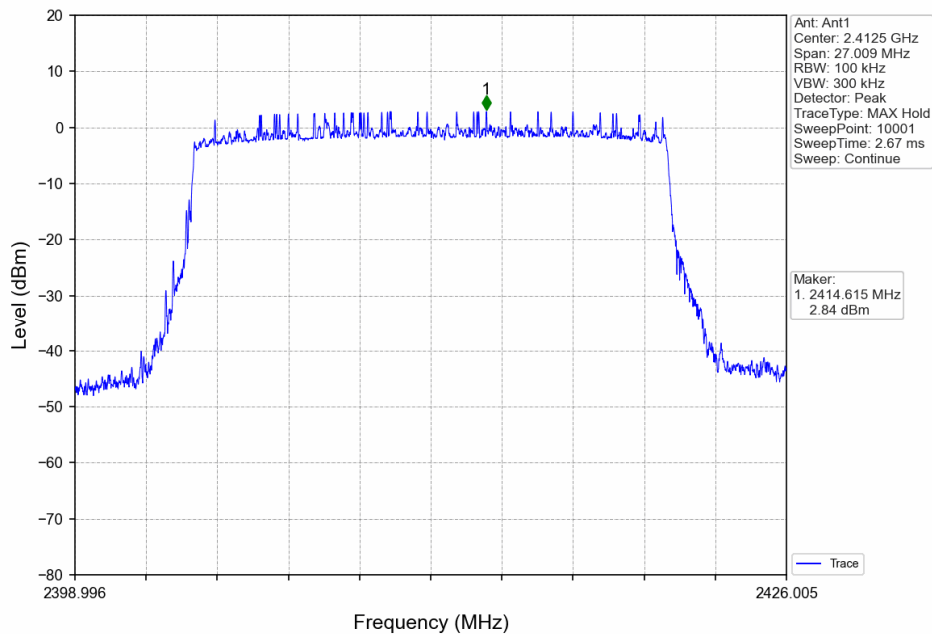
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10M_HCH_2467.5MHz_Ant1_NTNV

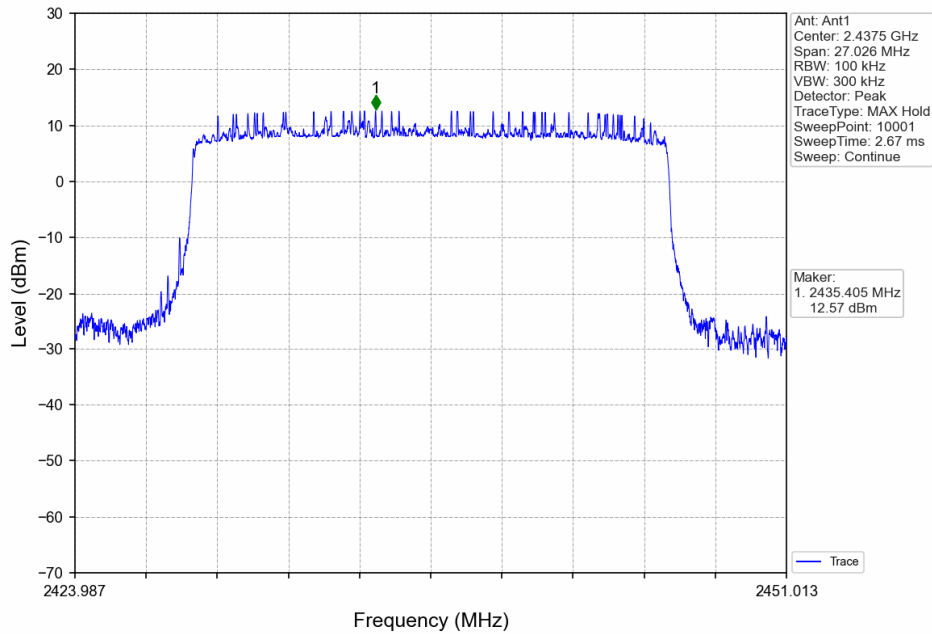


20M_LCH_2412.5MHz_Ant1_NTNV

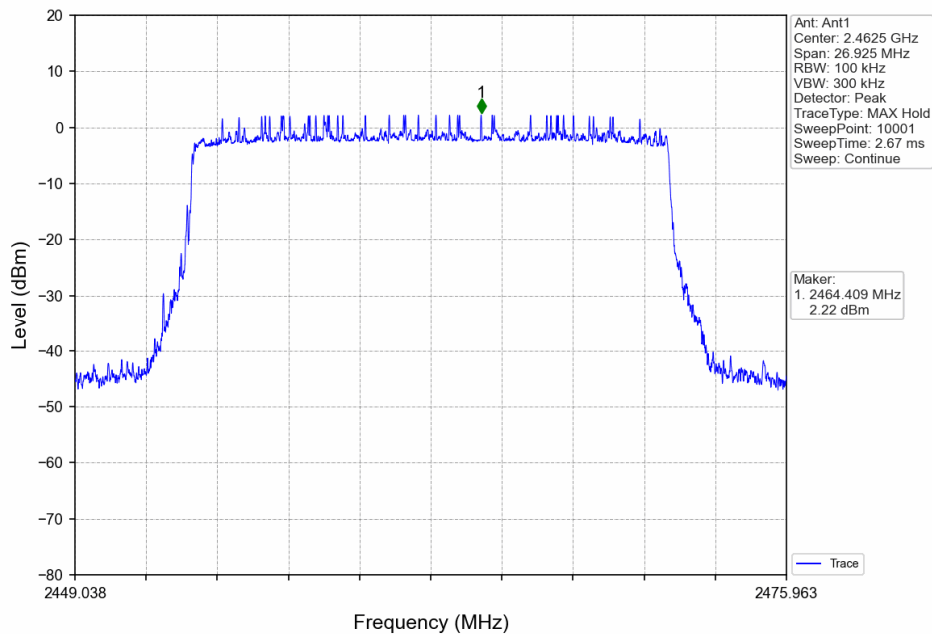


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20M_MCH_2437.5MHz_Ant1_NTNV

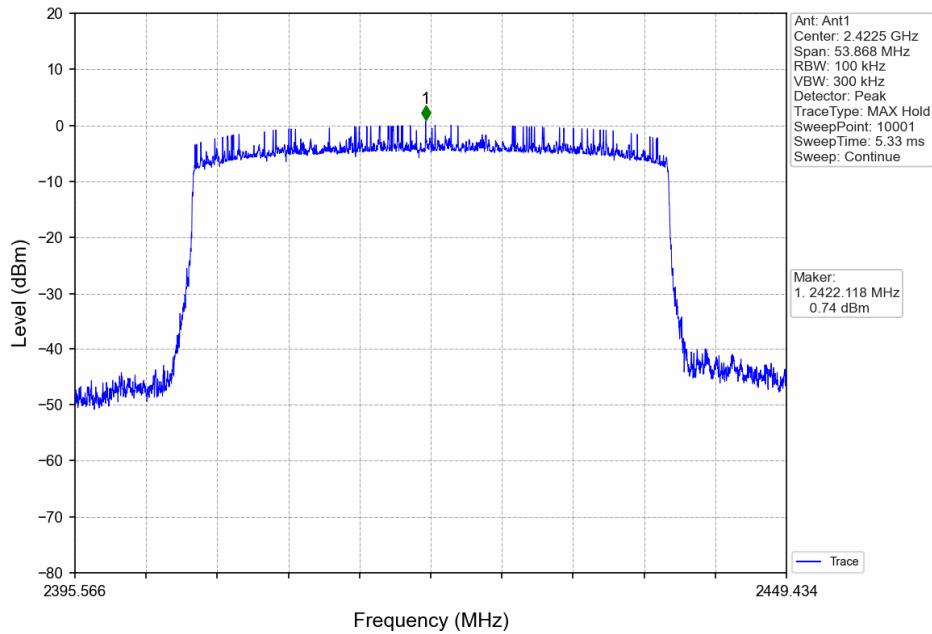


20M_HCH_2462.5MHz_Ant1_NTNV

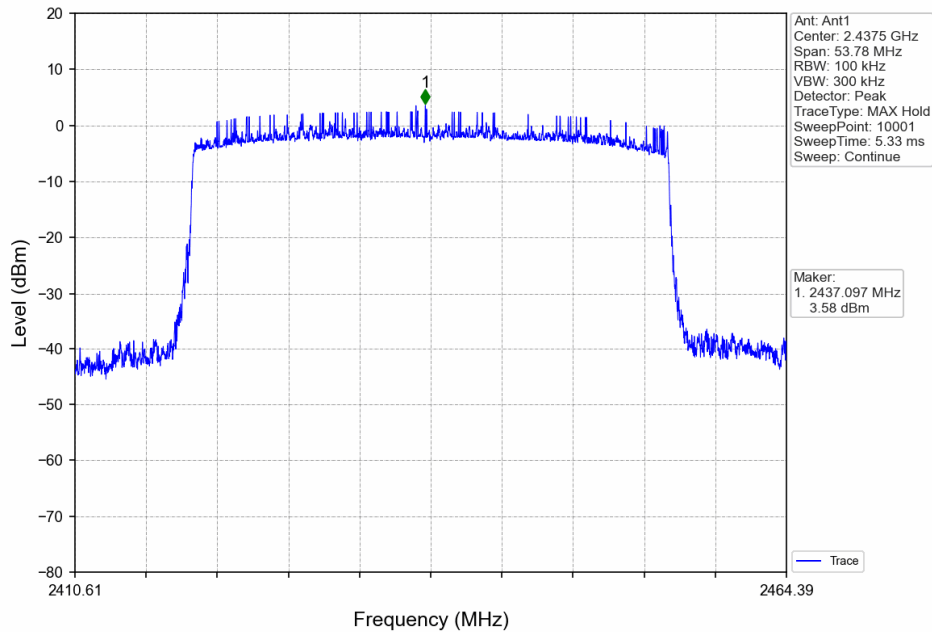


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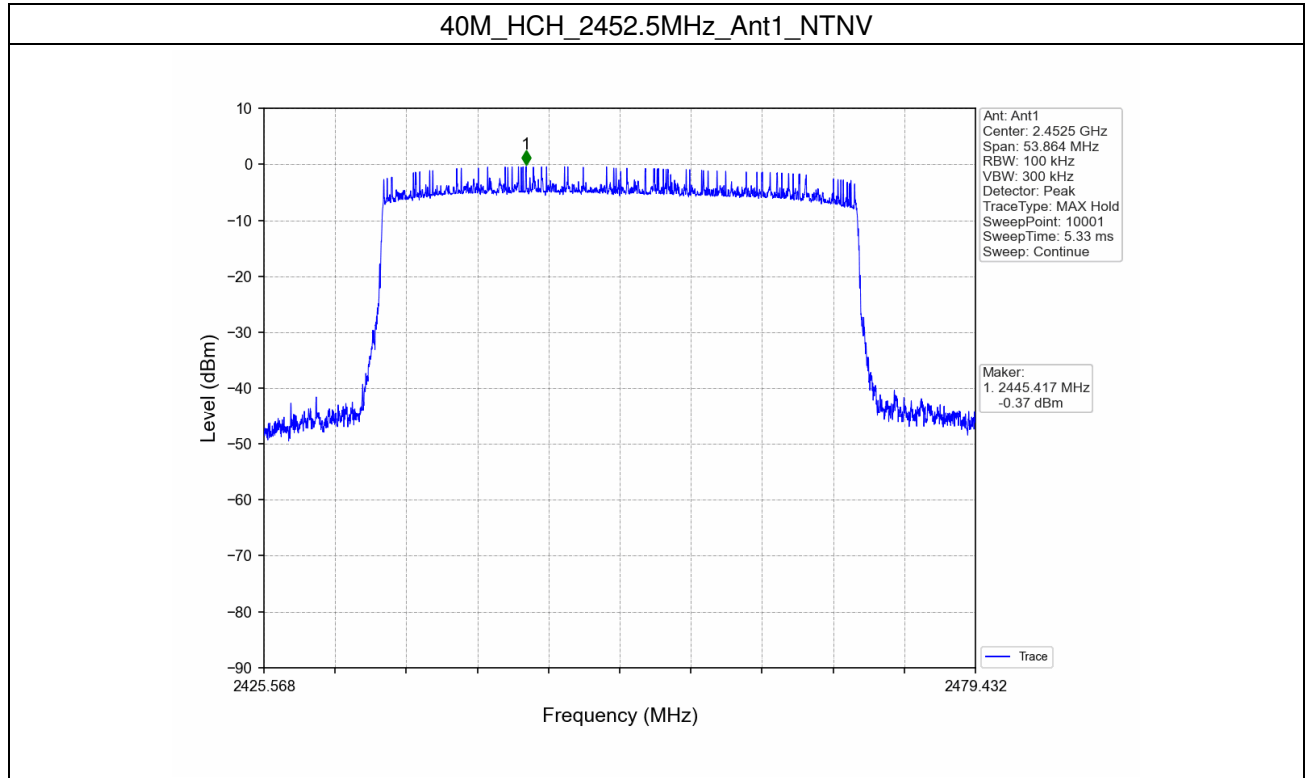
40M_LCH_2422.5MHz_Ant1_NTNV



40M_MCH_2437.5MHz_Ant1_NTNV



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5.2 CSE

5.2.1 Test Result

Mode	TX Type	Frequency (MHz)	Ant	Level of Reference (dBm)	Limit (dBm)	Verdict
1.4M	SISO	2403.5	1	14.11	-15.89	Pass
		2437.5	1	14.11	-15.89	Pass
		2469.5	1	14.11	-15.89	Pass
3M	SISO	2405.5	1	11.47	-18.53	Pass
		2438.5	1	11.47	-18.53	Pass
		2468.5	1	11.47	-18.53	Pass
10M	SISO	2407.5	1	17.01	-12.99	Pass
		2437.5	1	17.01	-12.99	Pass
		2467.5	1	17.01	-12.99	Pass
20M	SISO	2412.5	1	12.57	-17.43	Pass
		2437.5	1	12.57	-17.43	Pass
		2462.5	1	12.57	-17.43	Pass
40M	SISO	2422.5	1	3.58	-26.42	Pass
		2437.5	1	3.58	-26.42	Pass
		2452.5	1	3.58	-26.42	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.

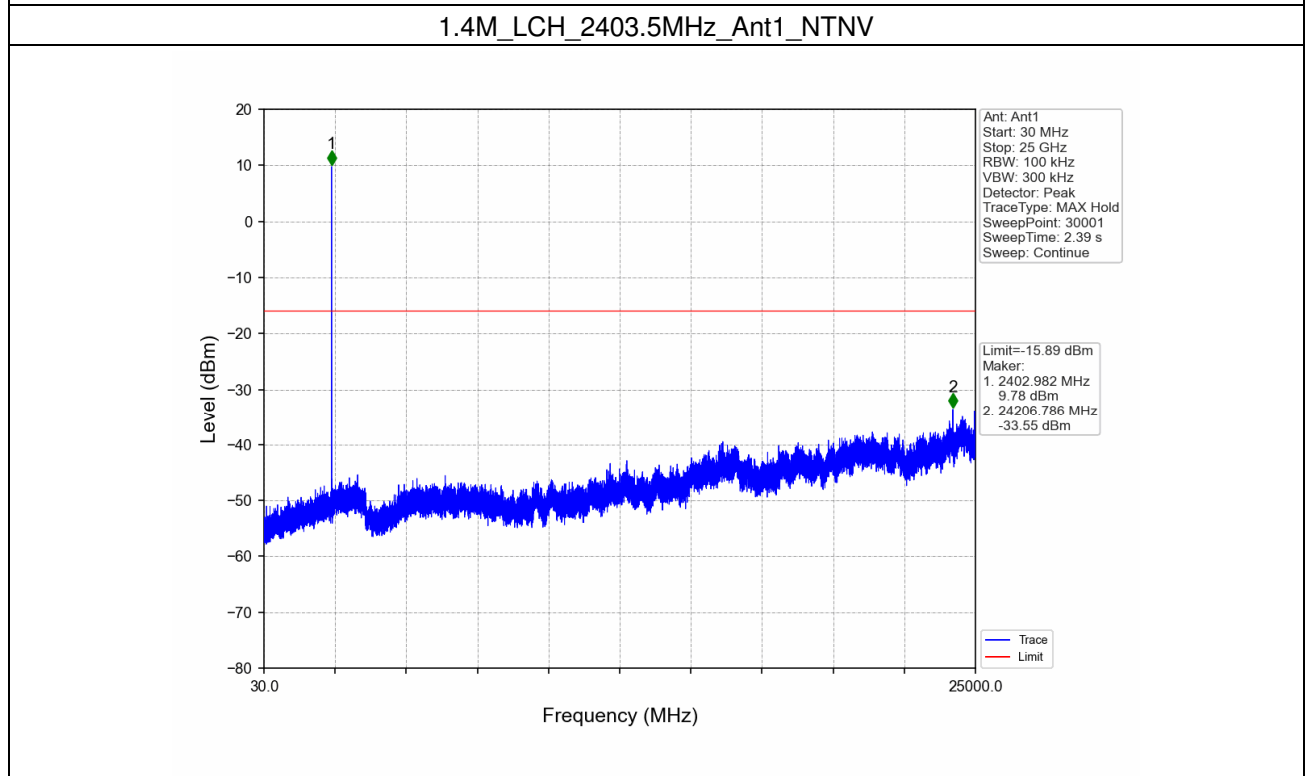
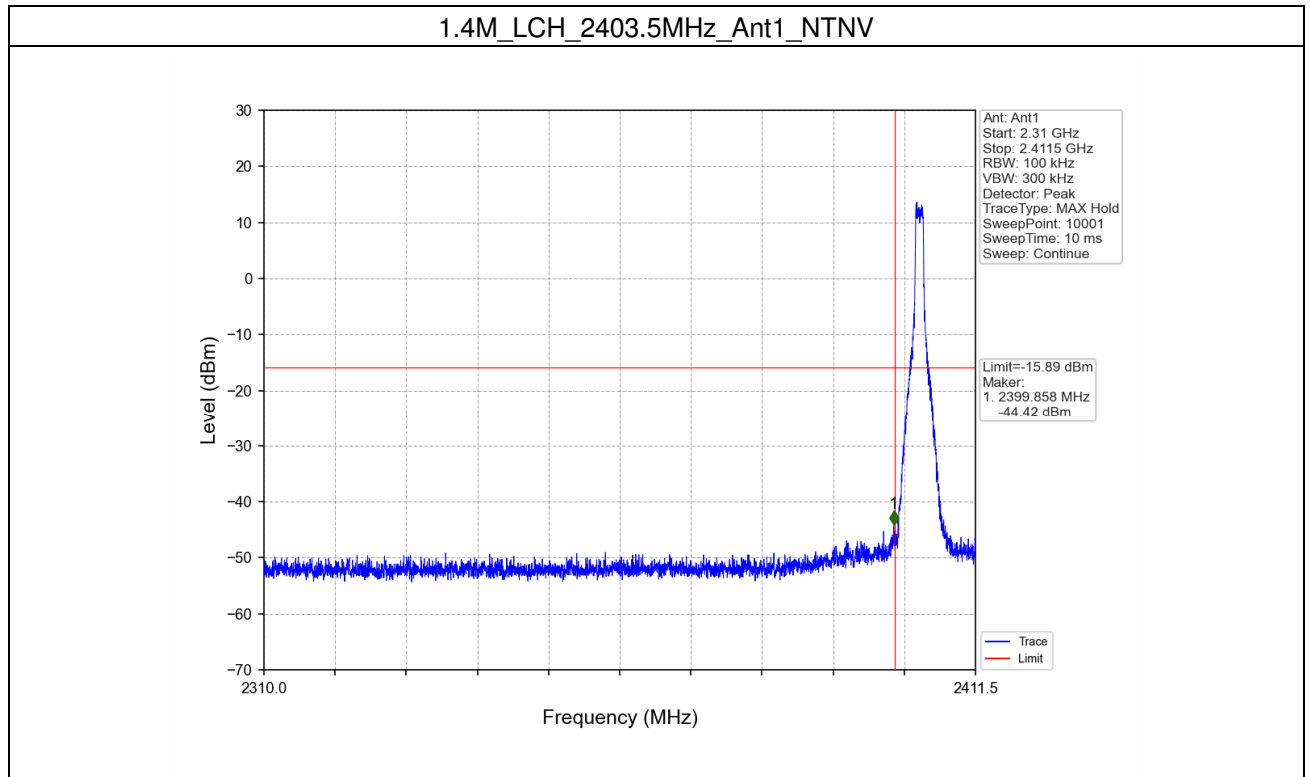
Note2: RBW = 1MHz was used during the pre-test. The final test will be performed at RBW=100kHz while the margin is less than 3dB.



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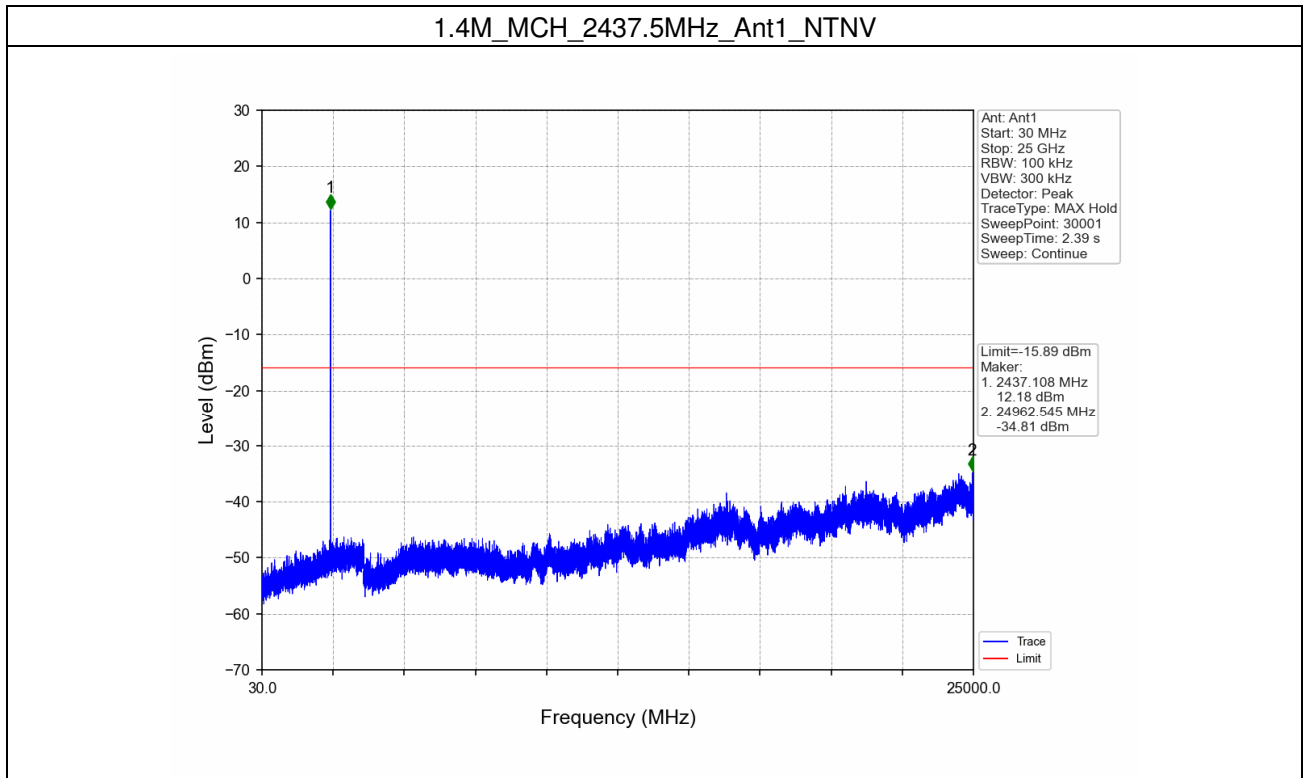
5.2.2 Test Graph



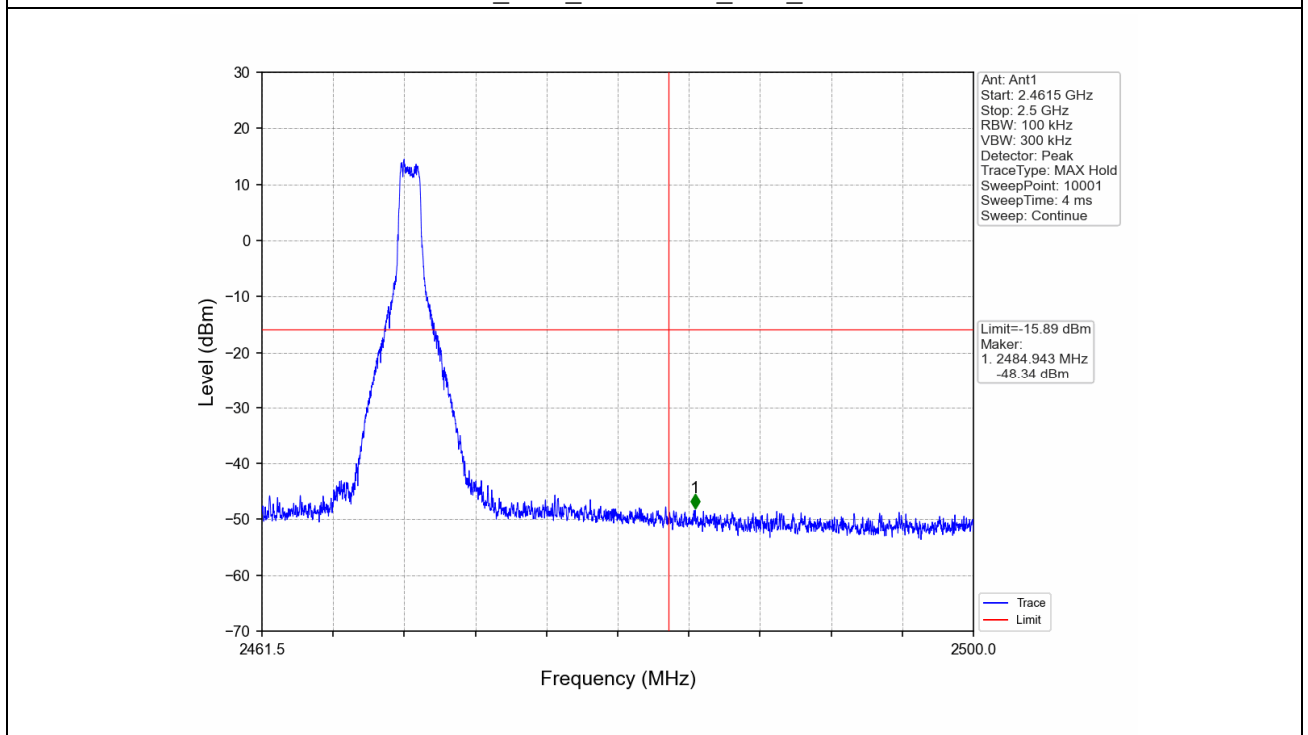
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1.4M_MCH_2437.5MHz_Ant1_NTNV



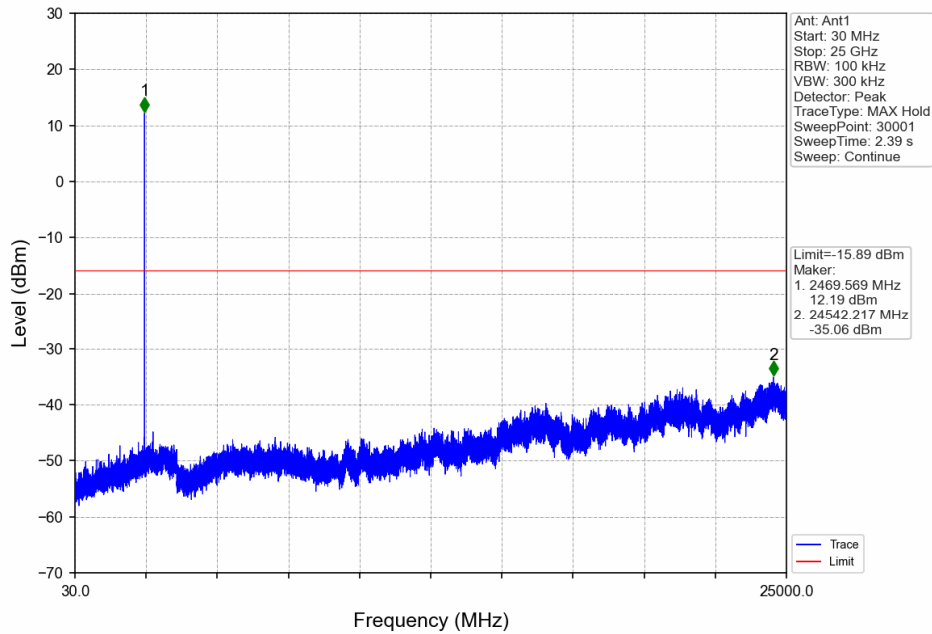
1.4M_HCH_2469.5MHz_Ant1_NTNV



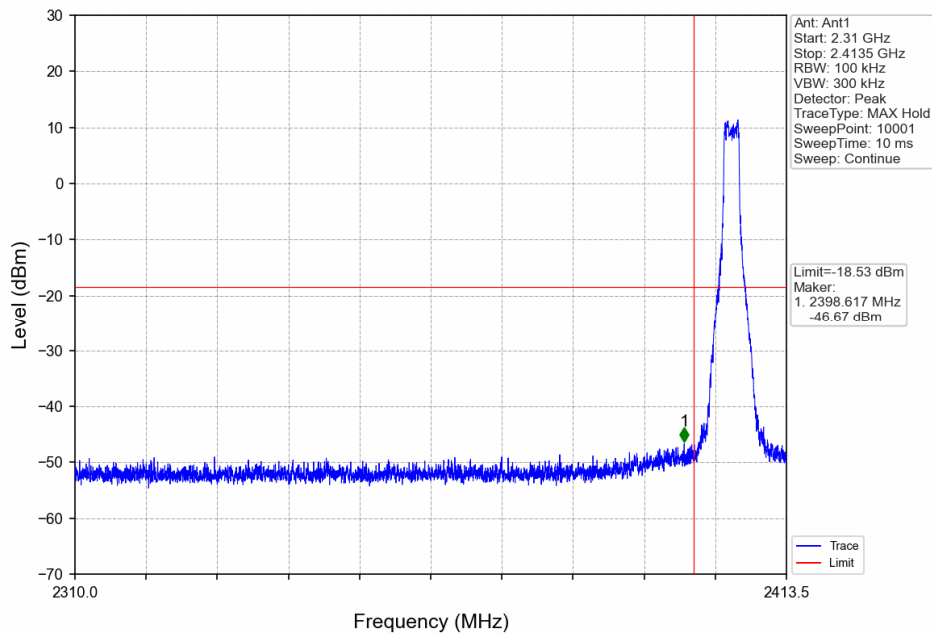
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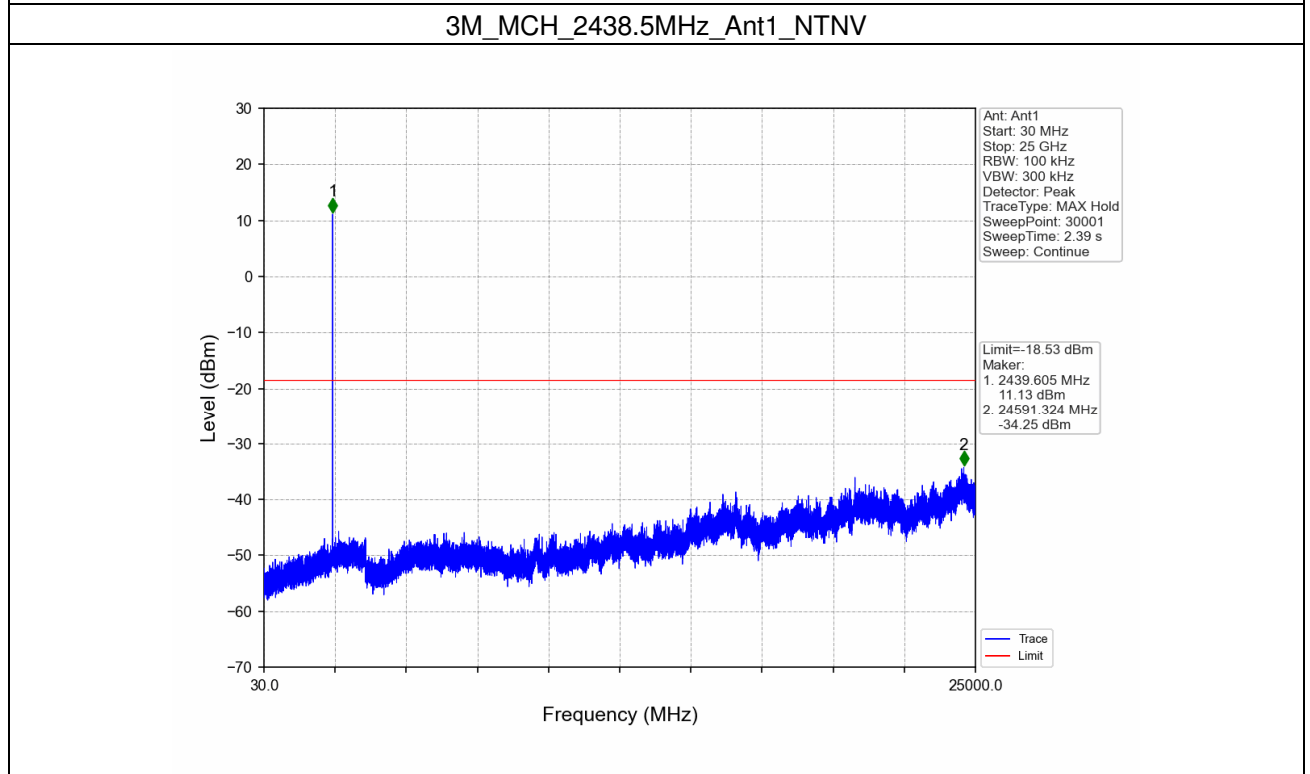
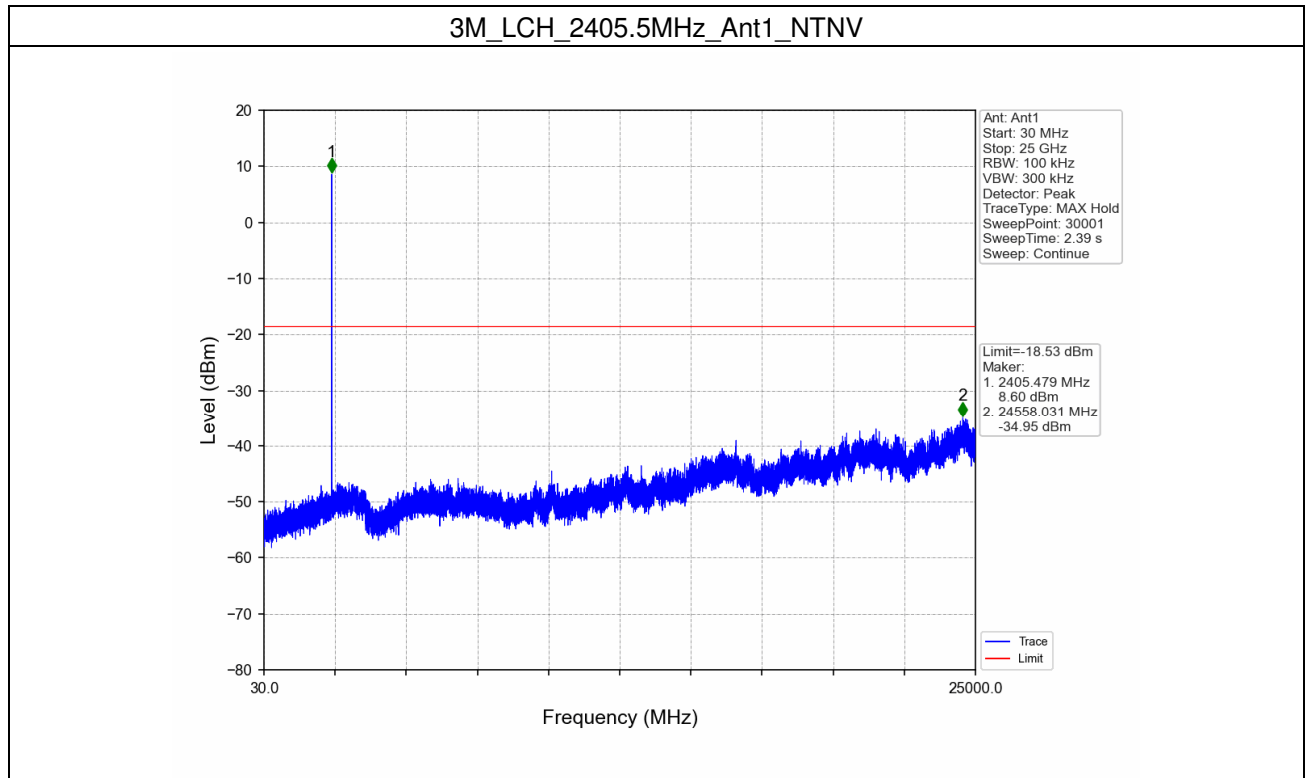
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3M_LCH_2405.5MHz_Ant1_NTNV

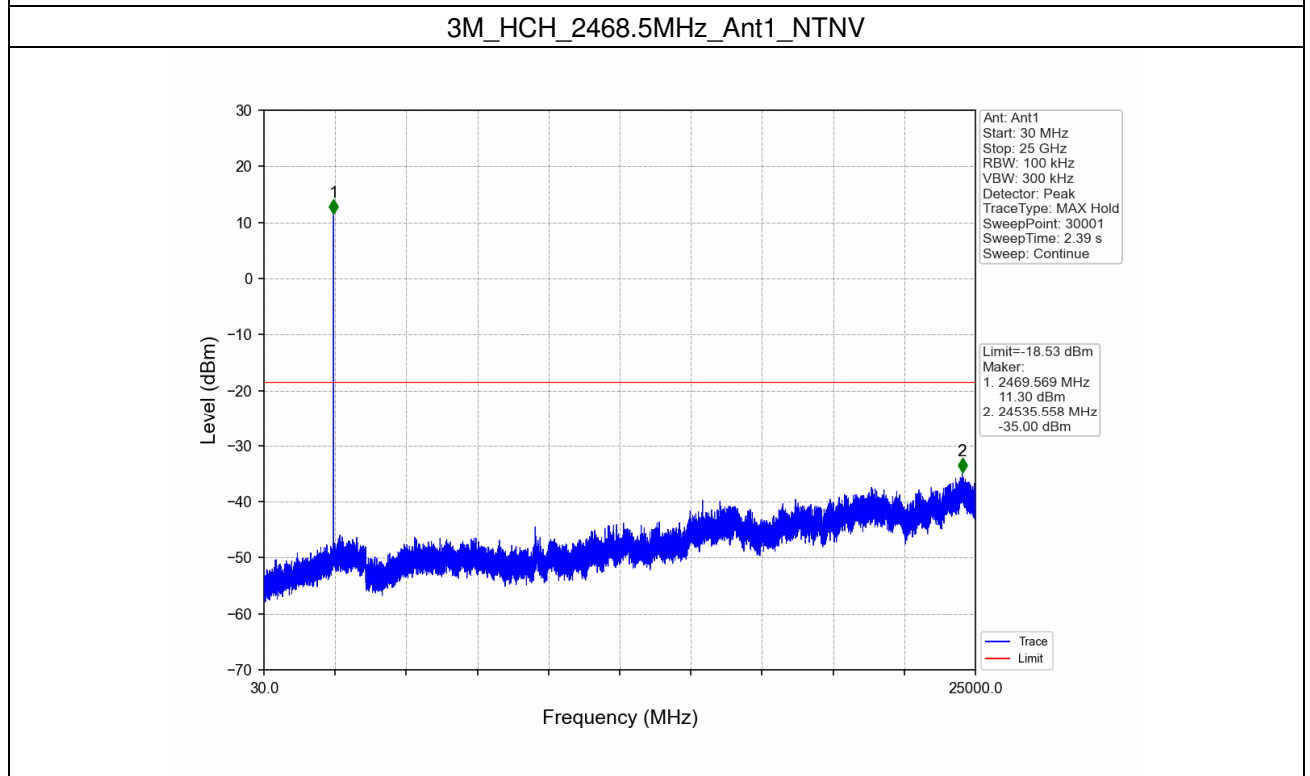
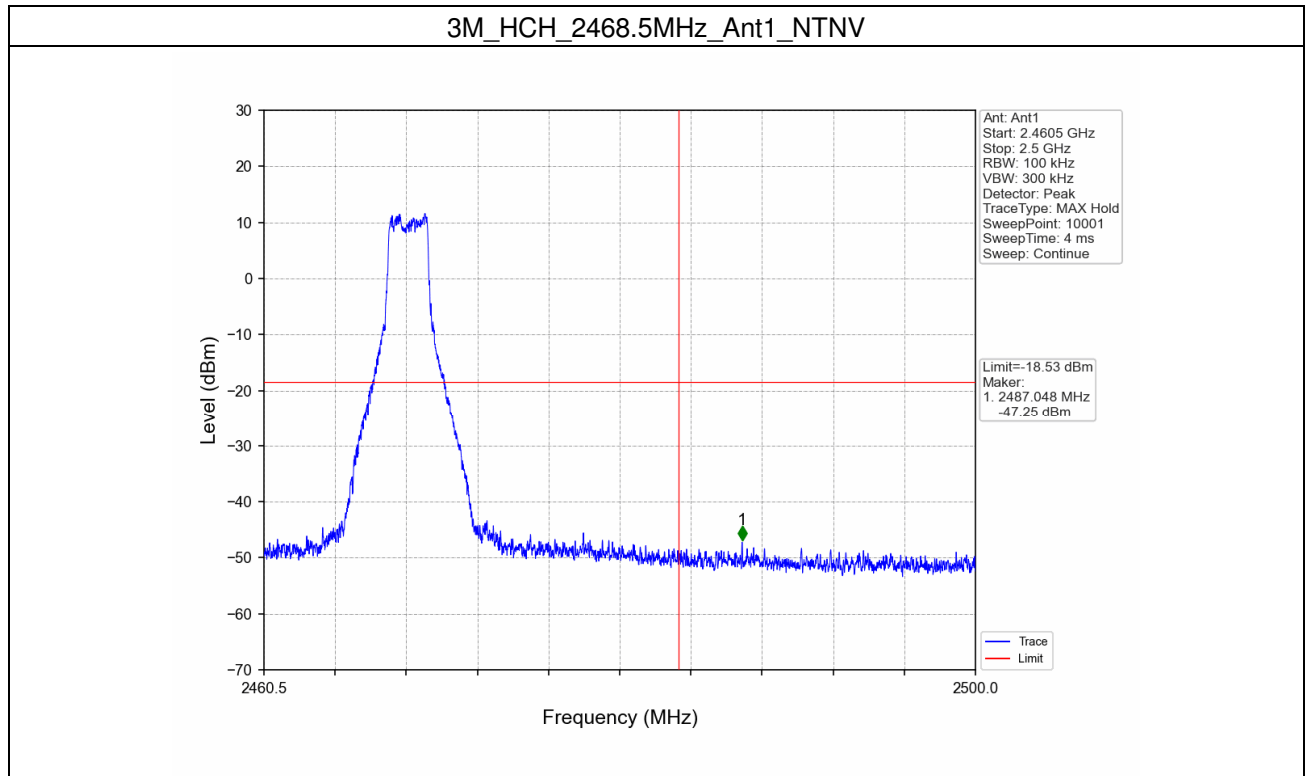


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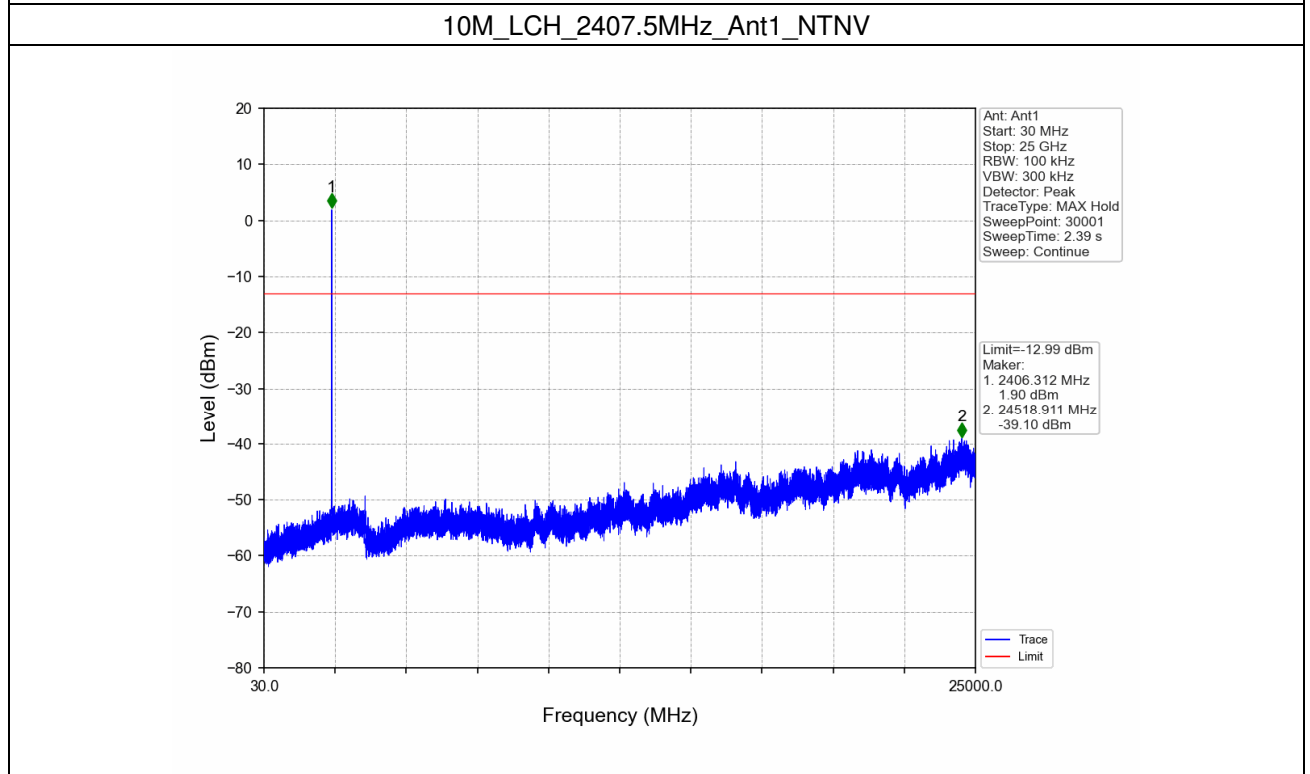
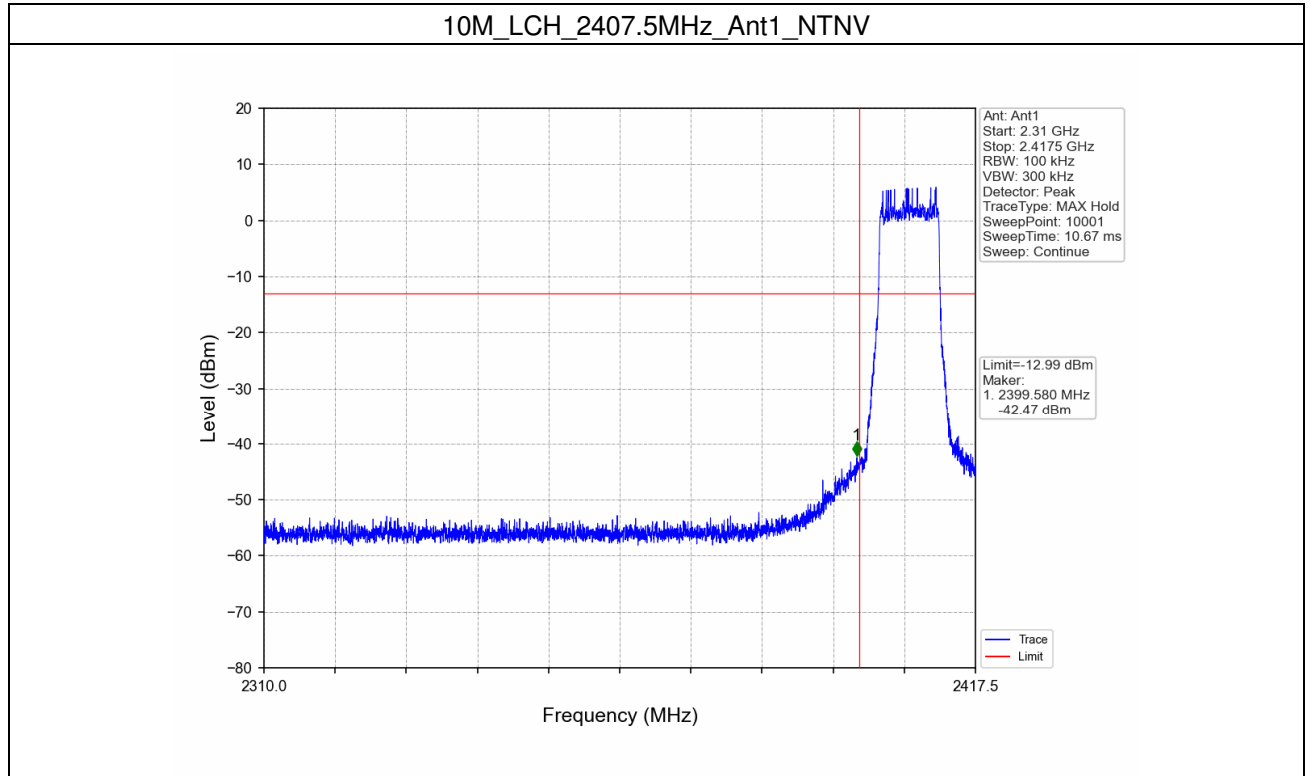


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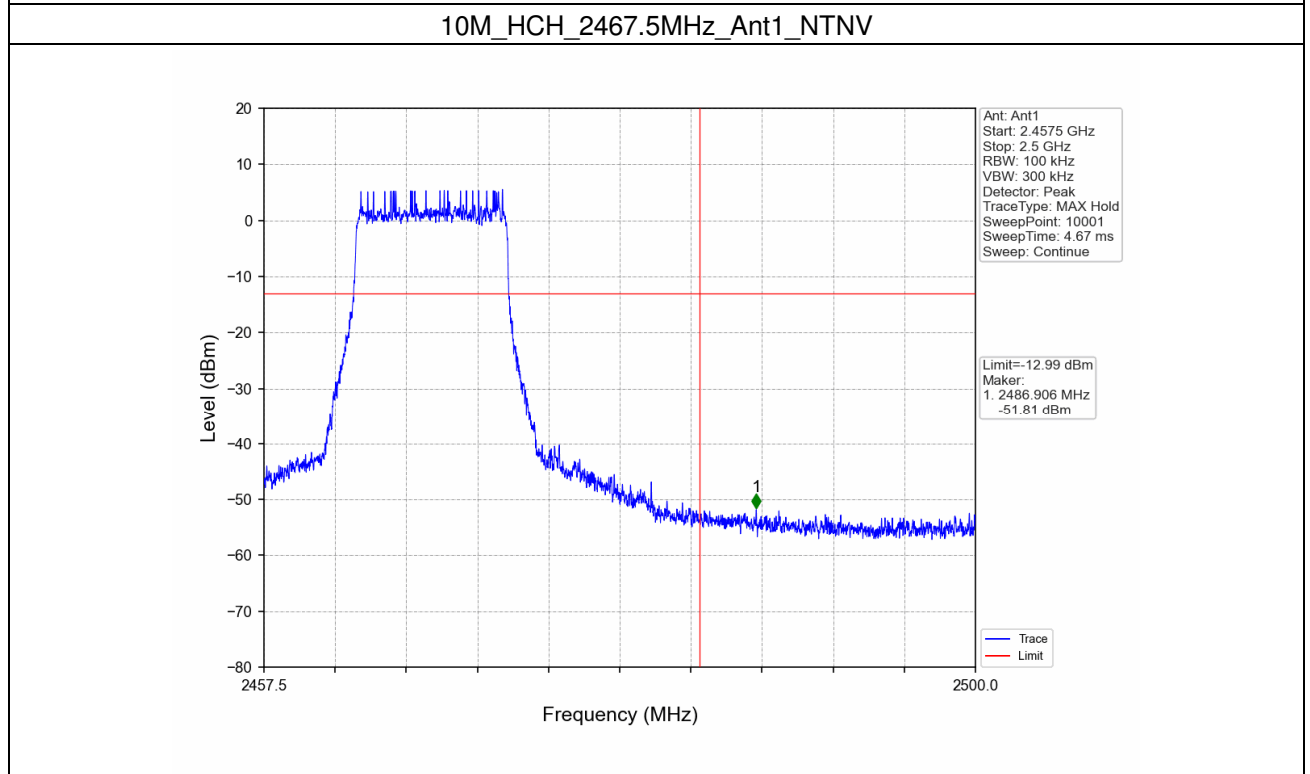
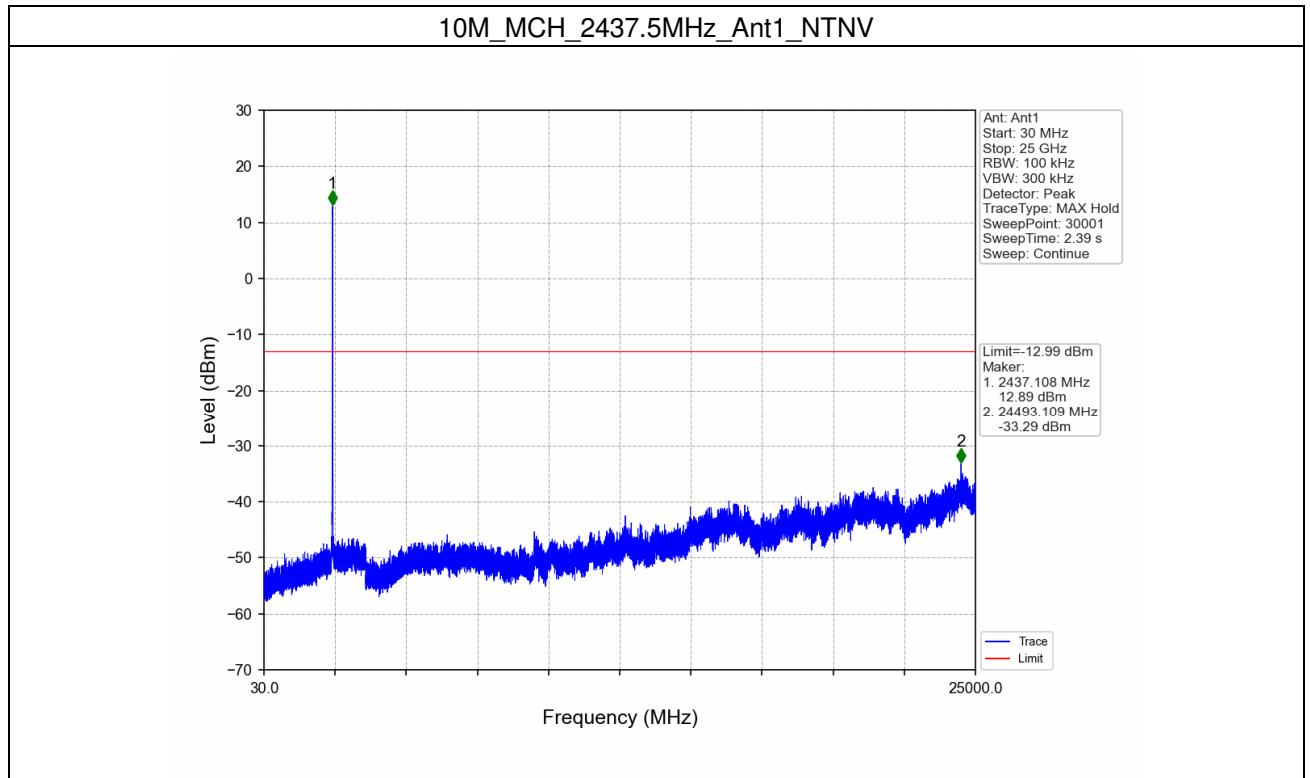


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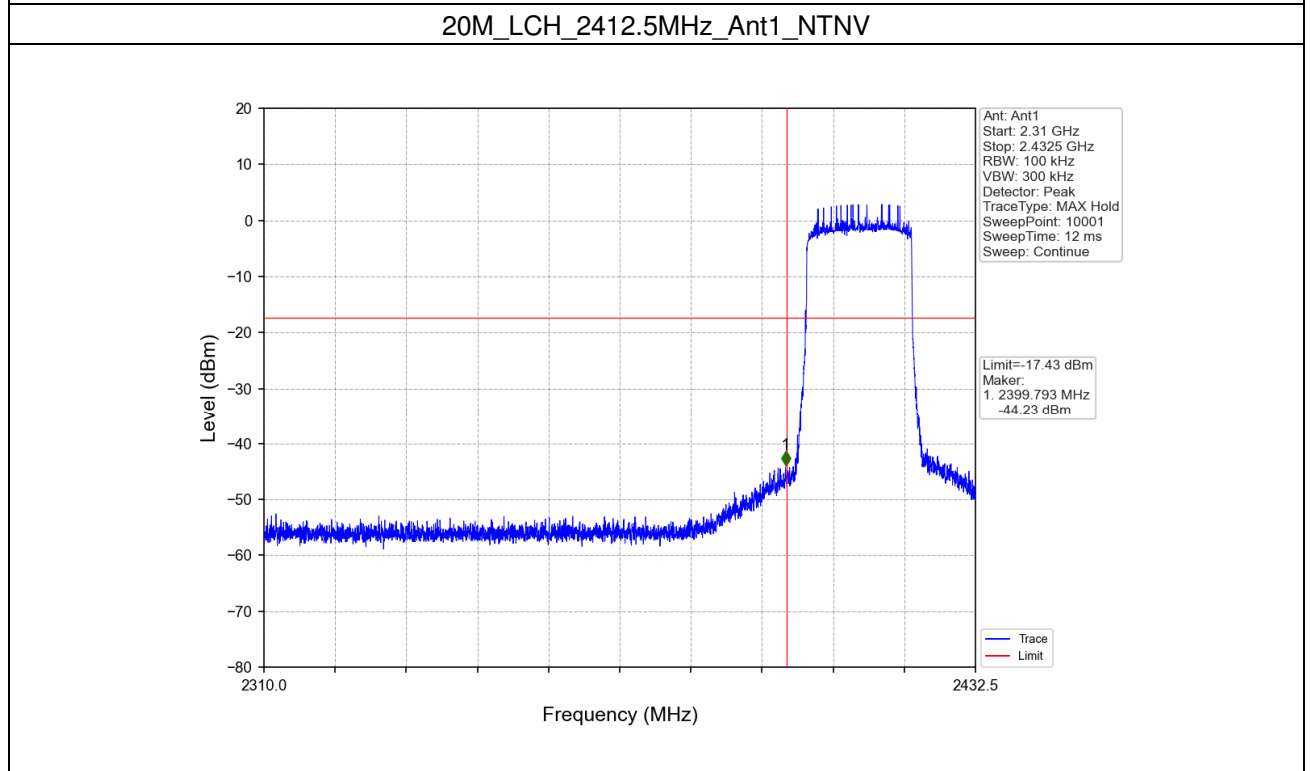
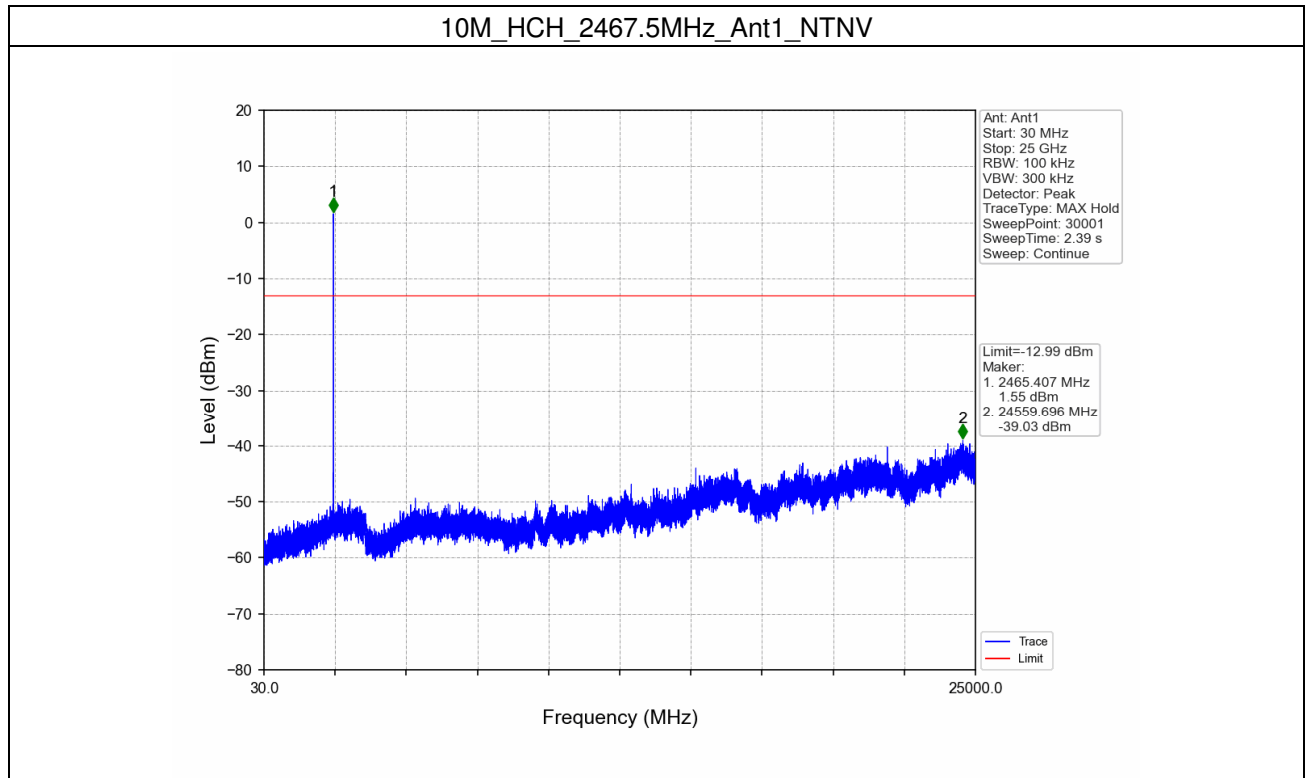


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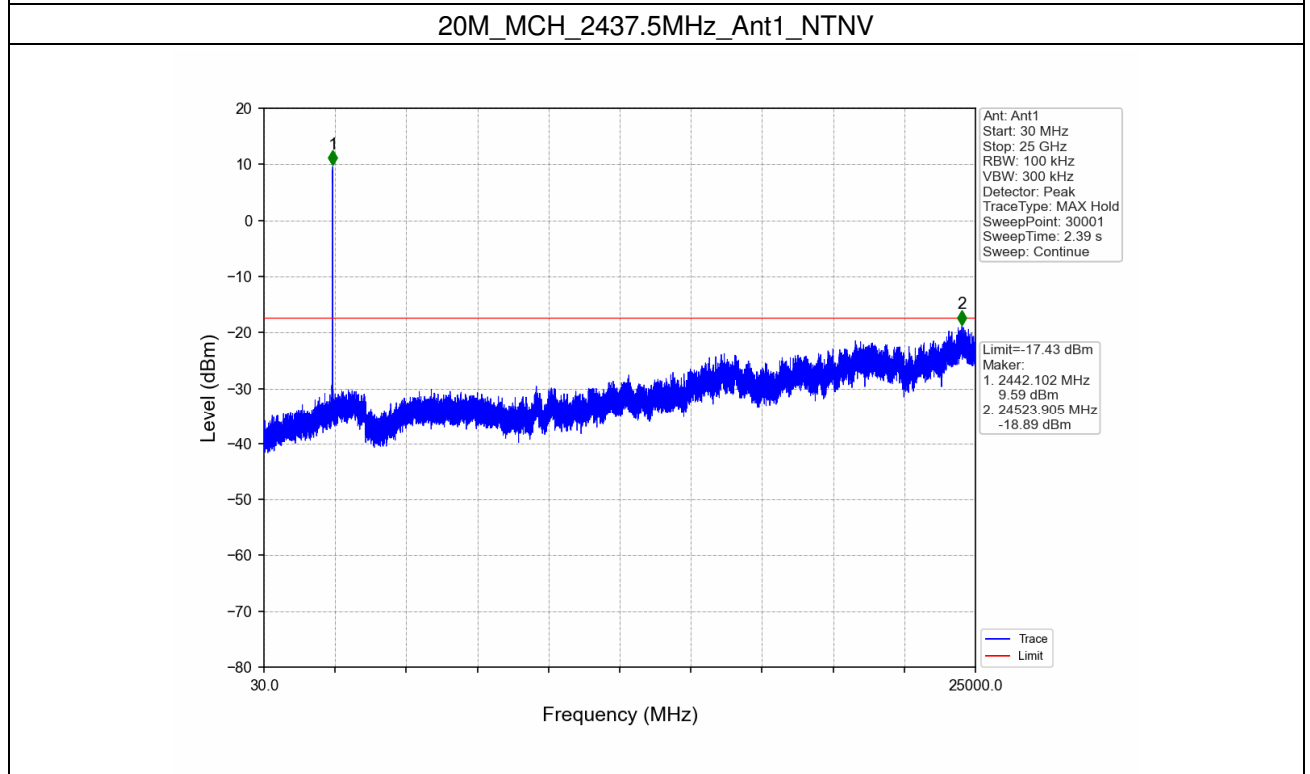
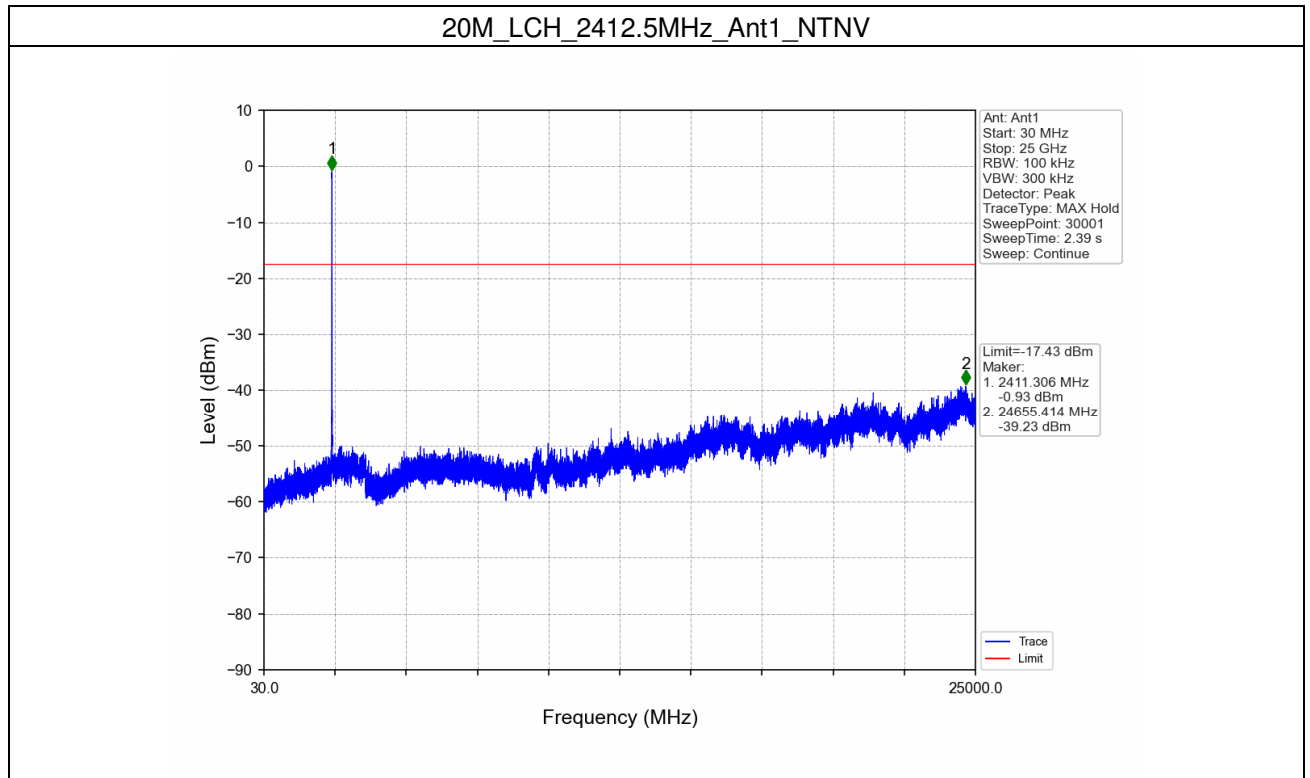


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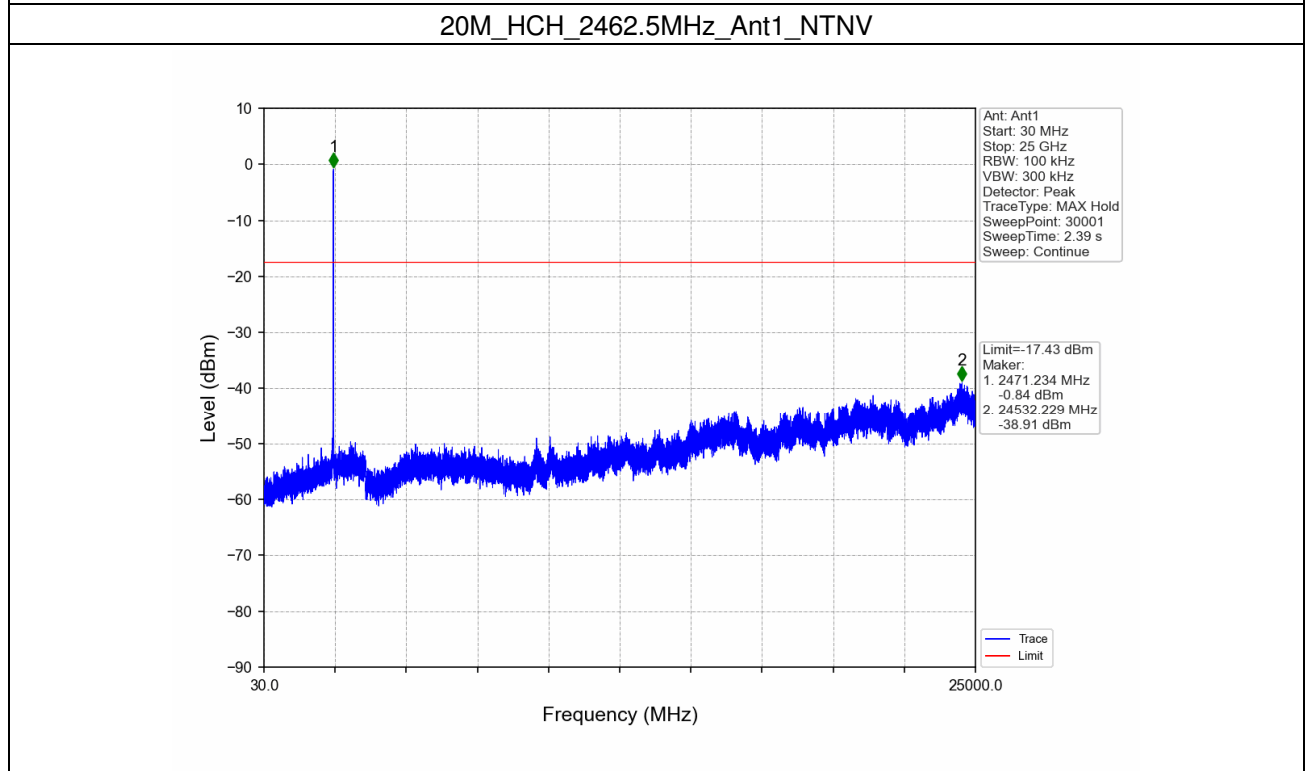
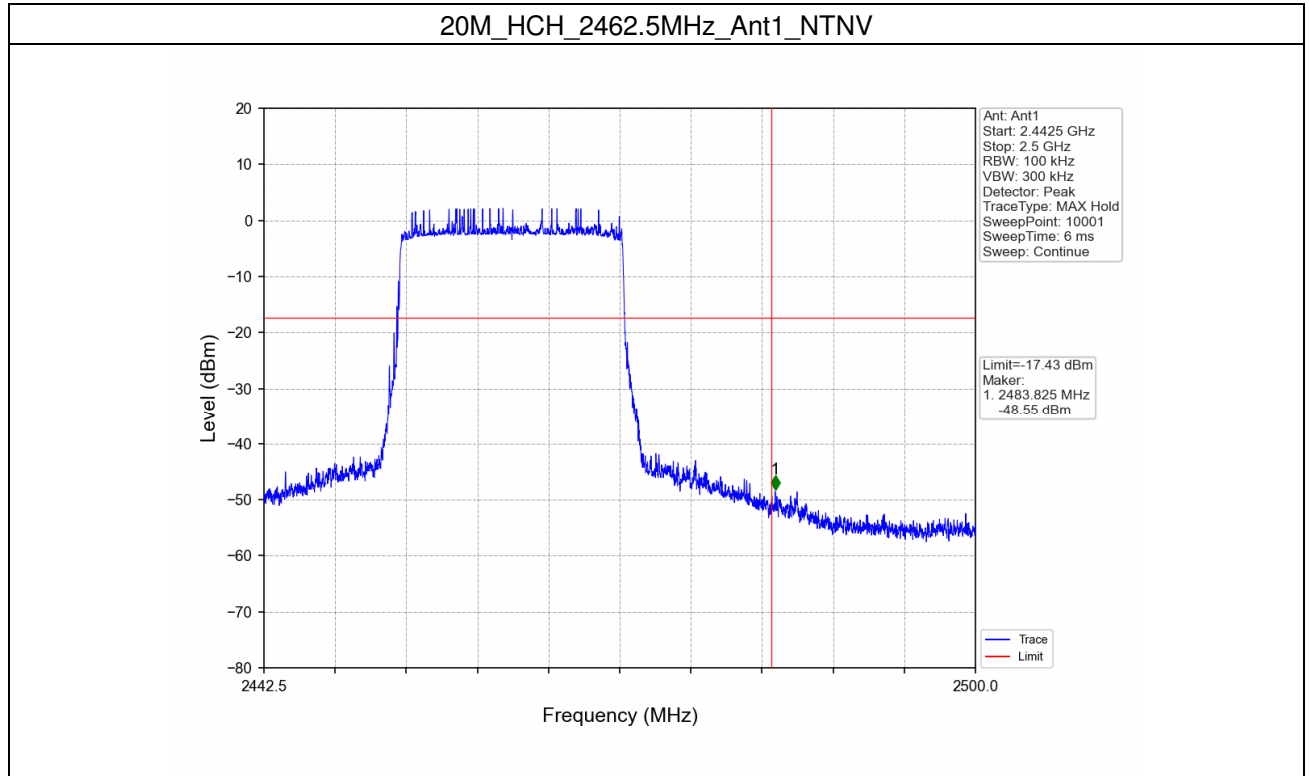
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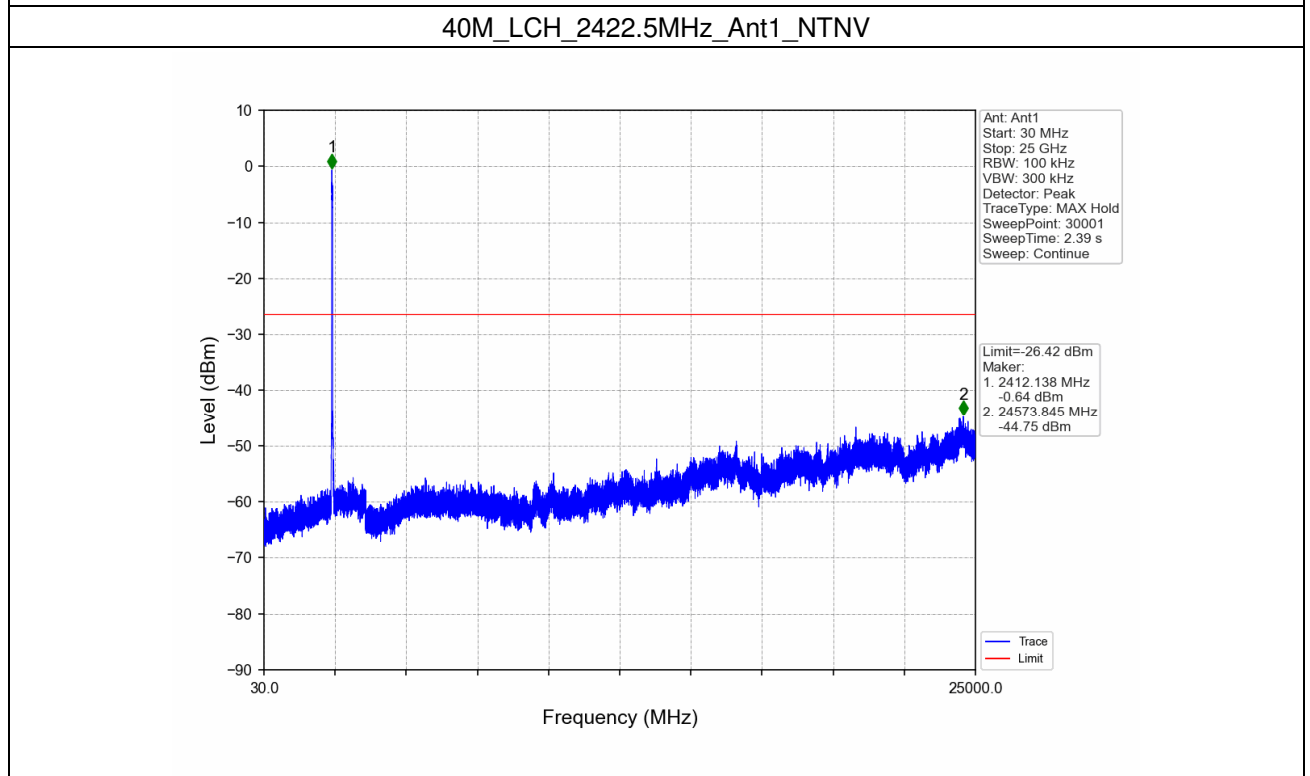
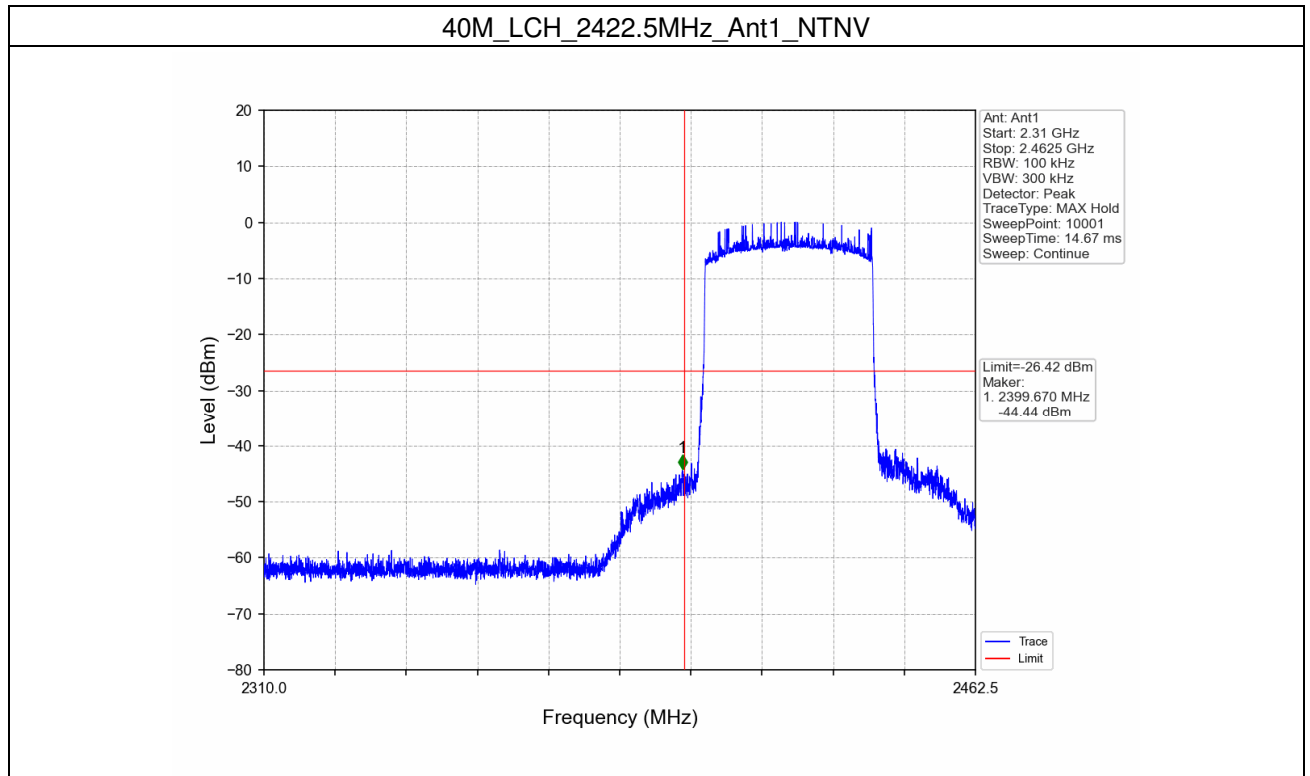
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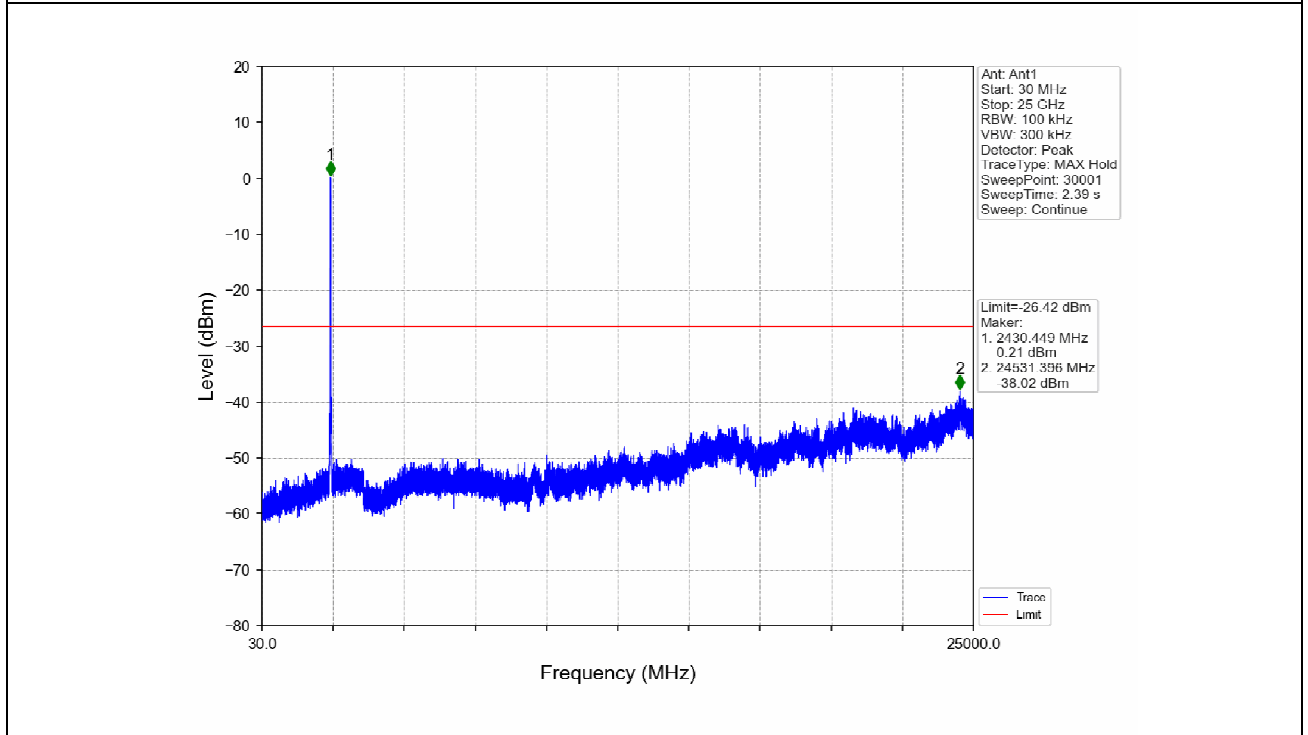


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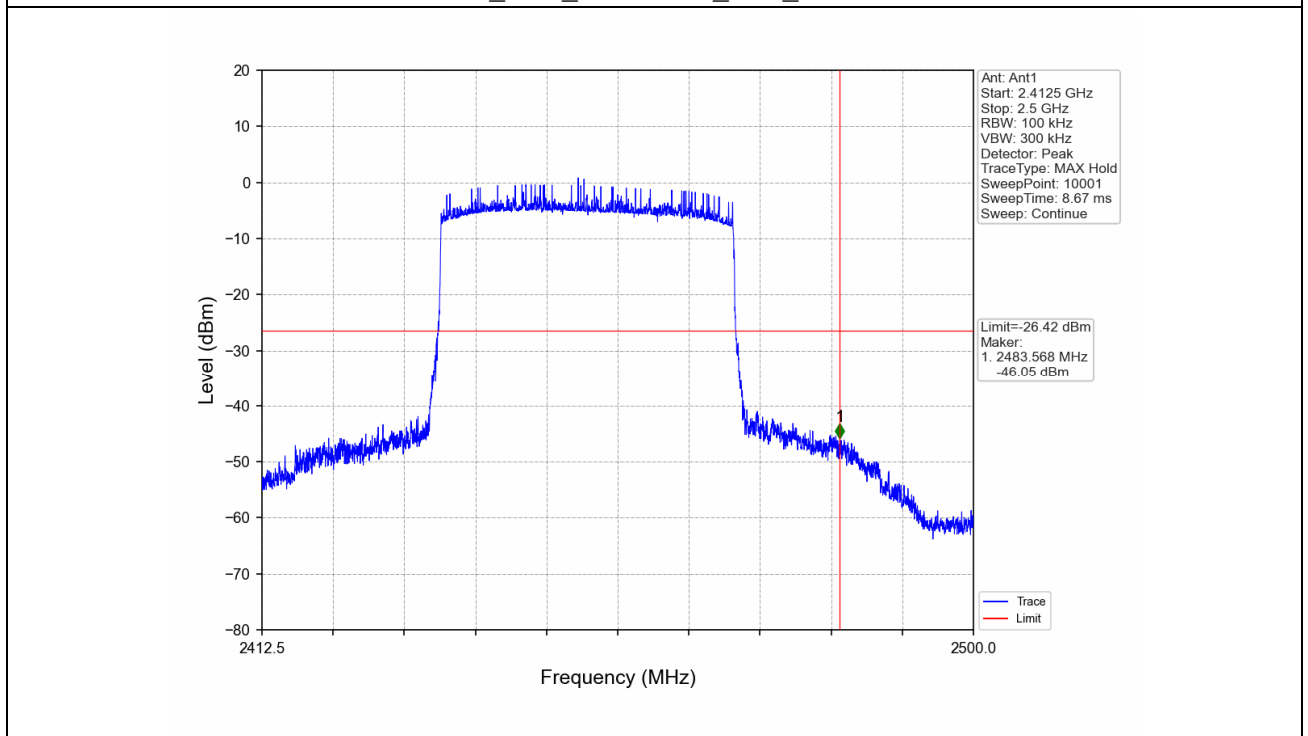


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40M_MCH_2437.5MHz_Ant1_NTNV

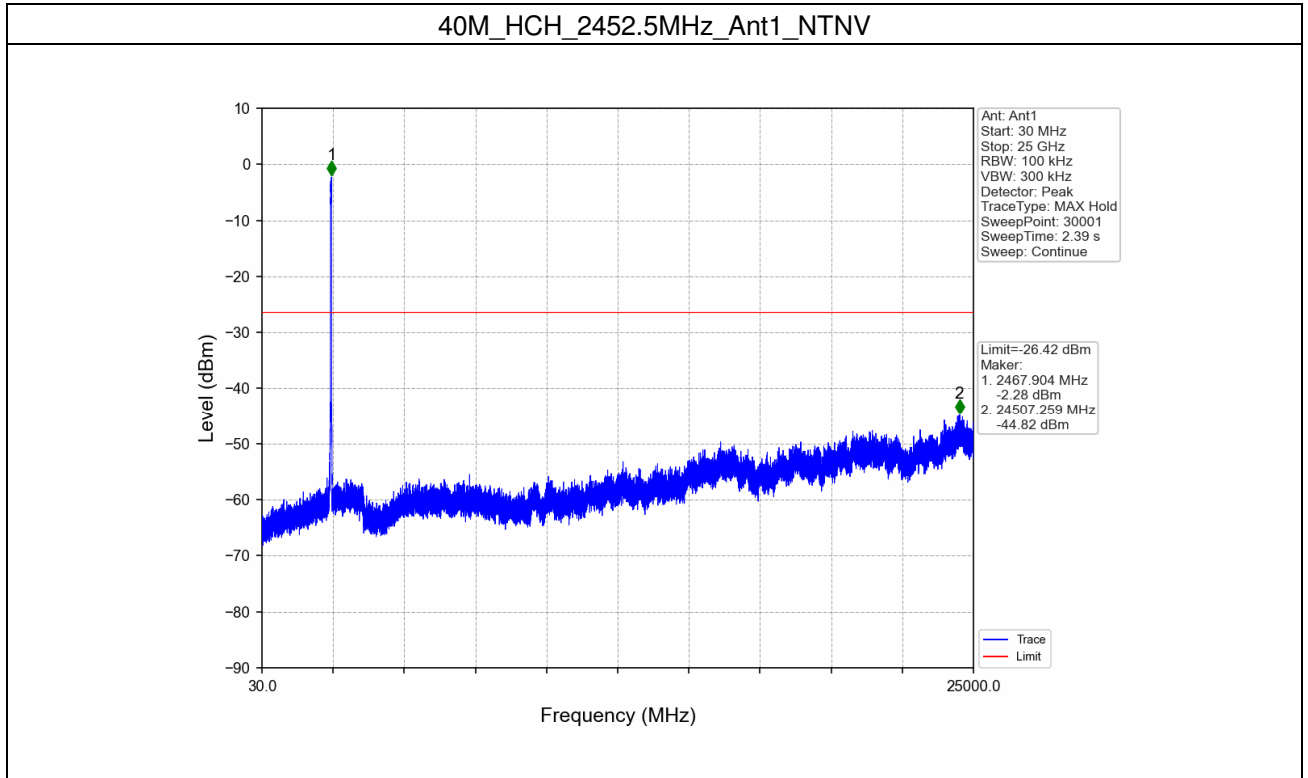


40M_HCH_2452.5MHz_Ant1_NTNV



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6. Form731

6.1 Form731

6.1.1 Test Result

Lower Freq	High Freq	MAX Power (W)	MAX Power (dBm)
2403.5	2469.5	0.0372	15.71
2405.5	2468.5	0.0370	15.68
2407.5	2467.5	0.2138	23.30
2412.5	2462.5	0.1663	22.21
2422.5	2452.5	0.0332	15.21



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1. Duty Cycle

1.1 Ant0

1.1.1 Test Result

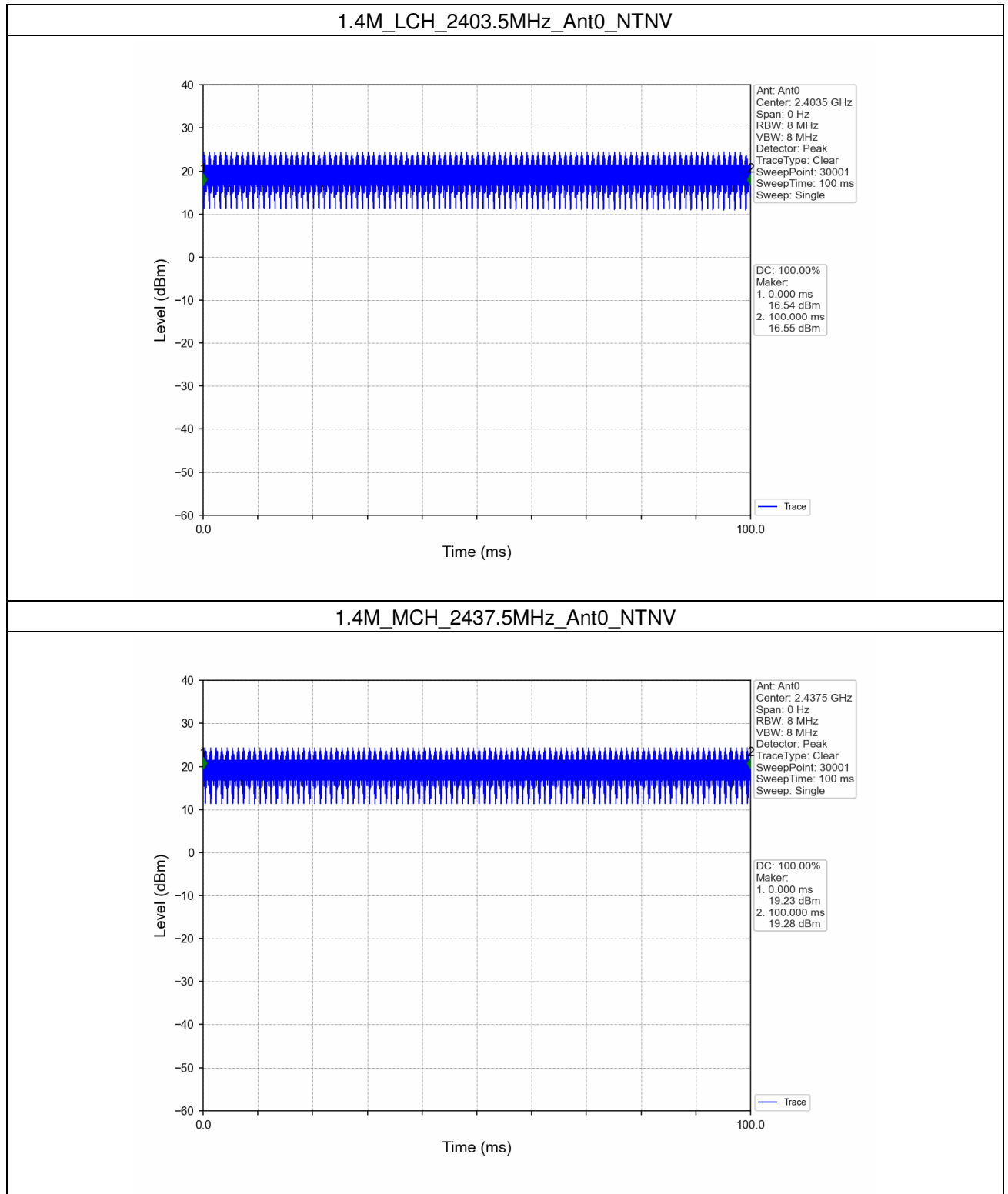
Ant0							
Mode	TX Type	Frequency (MHz)	T_on (ms)	Period (ms)	Duty Cycle (%)	Duty Cycle Correction Factor (dB)	Max. DC Variation (%)
1.4M	SISO	2403.5	100.000	100.000	100.00	0.00	0.00
		2437.5	100.000	100.000	100.00	0.00	0.00
		2469.5	100.000	100.000	100.00	0.00	0.00
3M	SISO	2405.5	100.000	100.000	100.00	0.00	0.00
		2438.5	100.000	100.000	100.00	0.00	0.00
		2468.5	100.000	100.000	100.00	0.00	0.00
10M	SISO	2407.5	100.000	100.000	100.00	0.00	0.00
		2437.5	100.000	100.000	100.00	0.00	0.00
		2467.5	100.000	100.000	100.00	0.00	0.00
20M	SISO	2412.5	19.980	20.000	99.90	0.00	0.00
		2437.5	19.977	20.000	99.88	0.00	0.00
		2462.5	19.970	20.000	99.85	0.01	0.00
40M	SISO	2422.5	19.976	20.000	99.88	0.01	0.00
		2437.5	19.977	20.000	99.88	0.00	0.00
		2452.5	19.976	20.000	99.88	0.01	0.00



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1.1.2 Test Graph

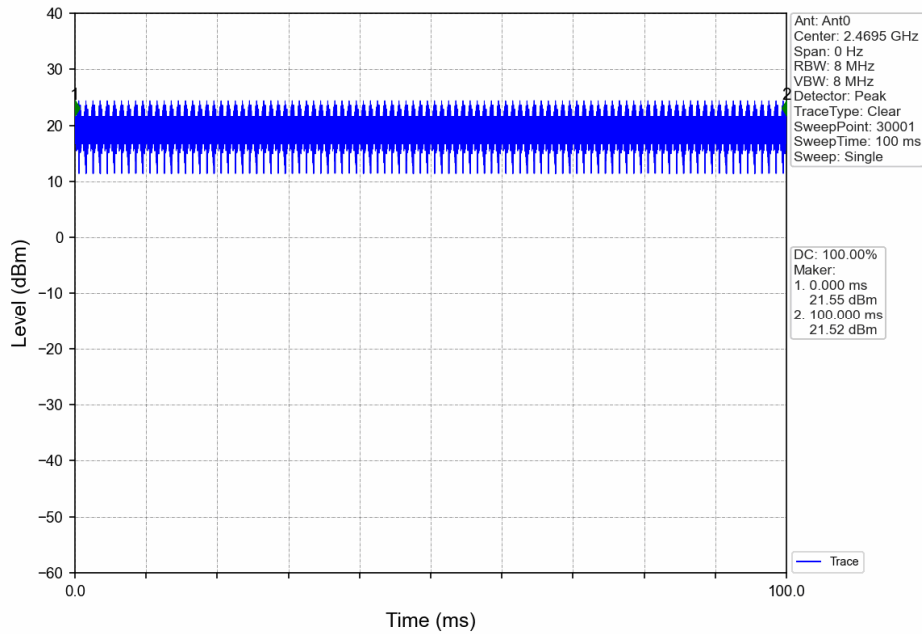


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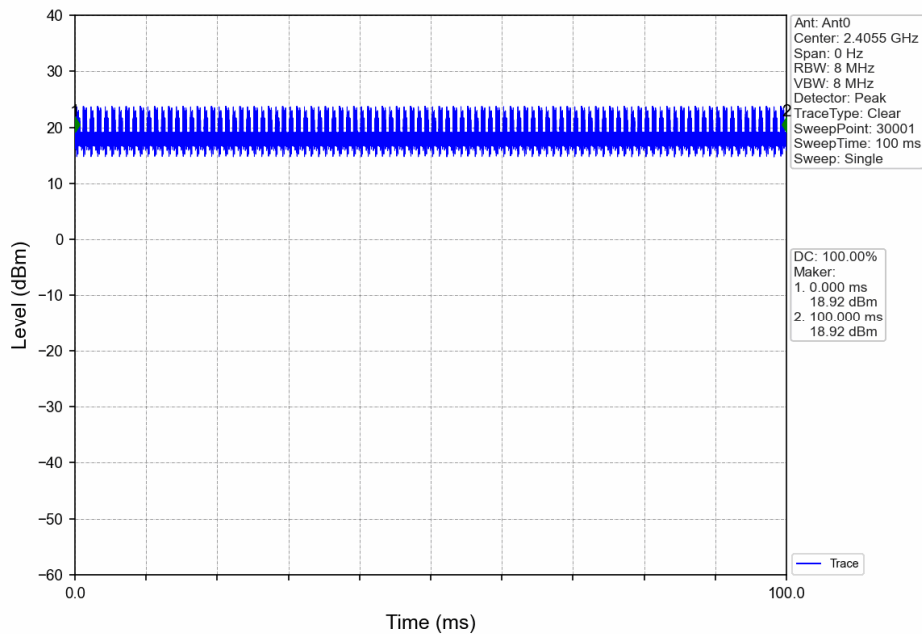
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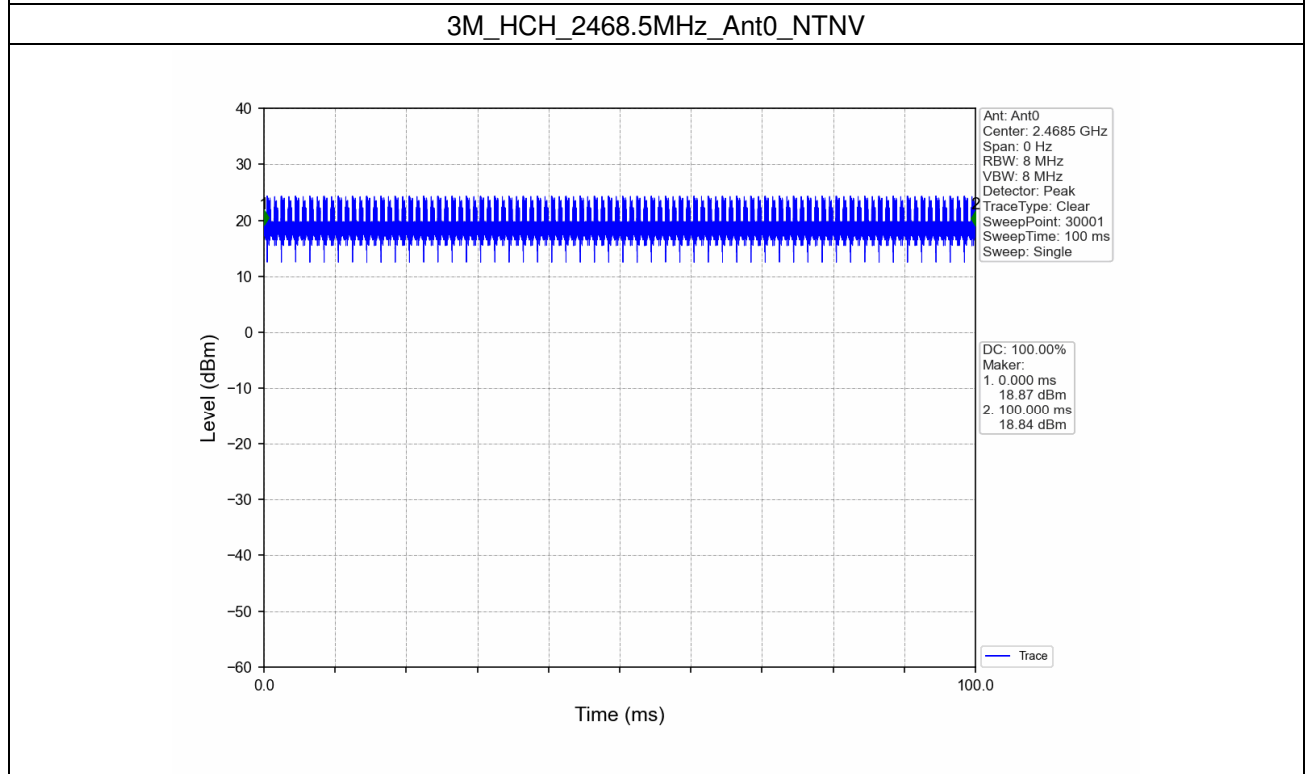
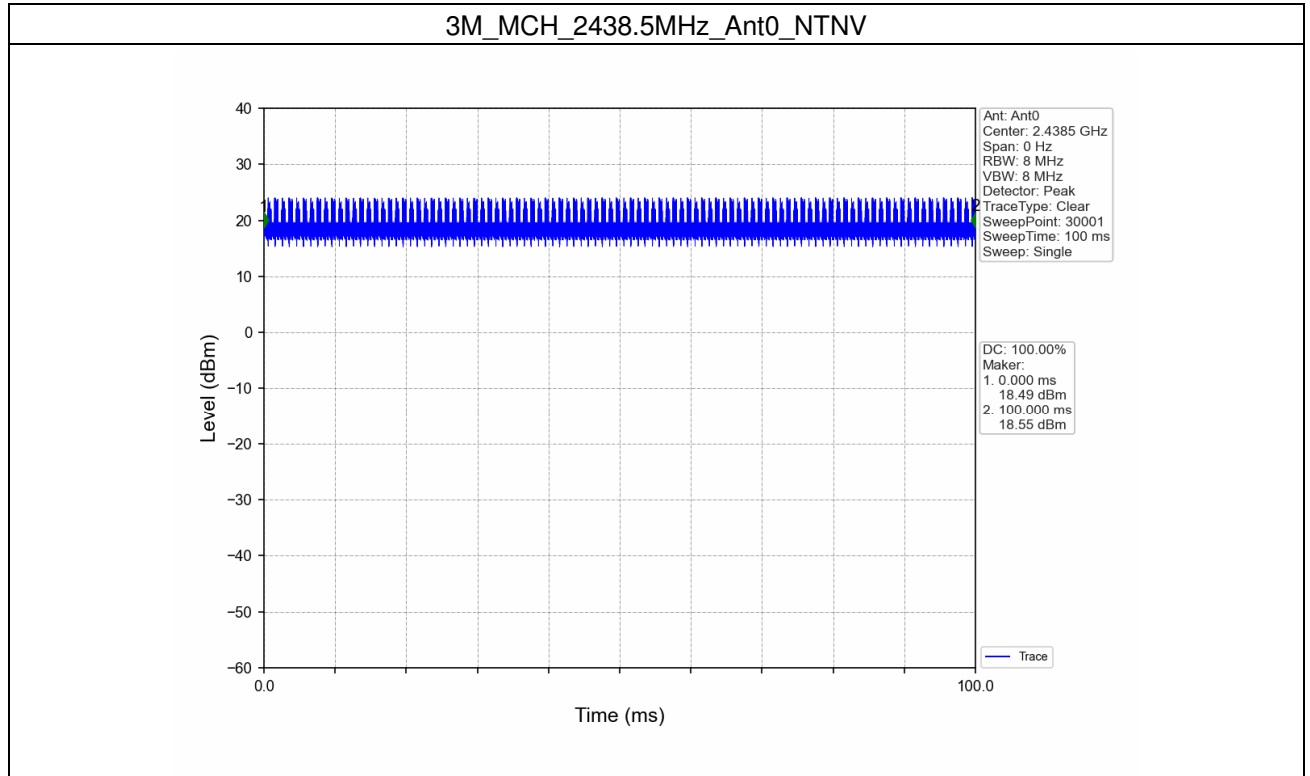
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1.4M_HCH_2469.5MHz_Ant0_NTNV



3M_LCH_2405.5MHz_Ant0_NTNV





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