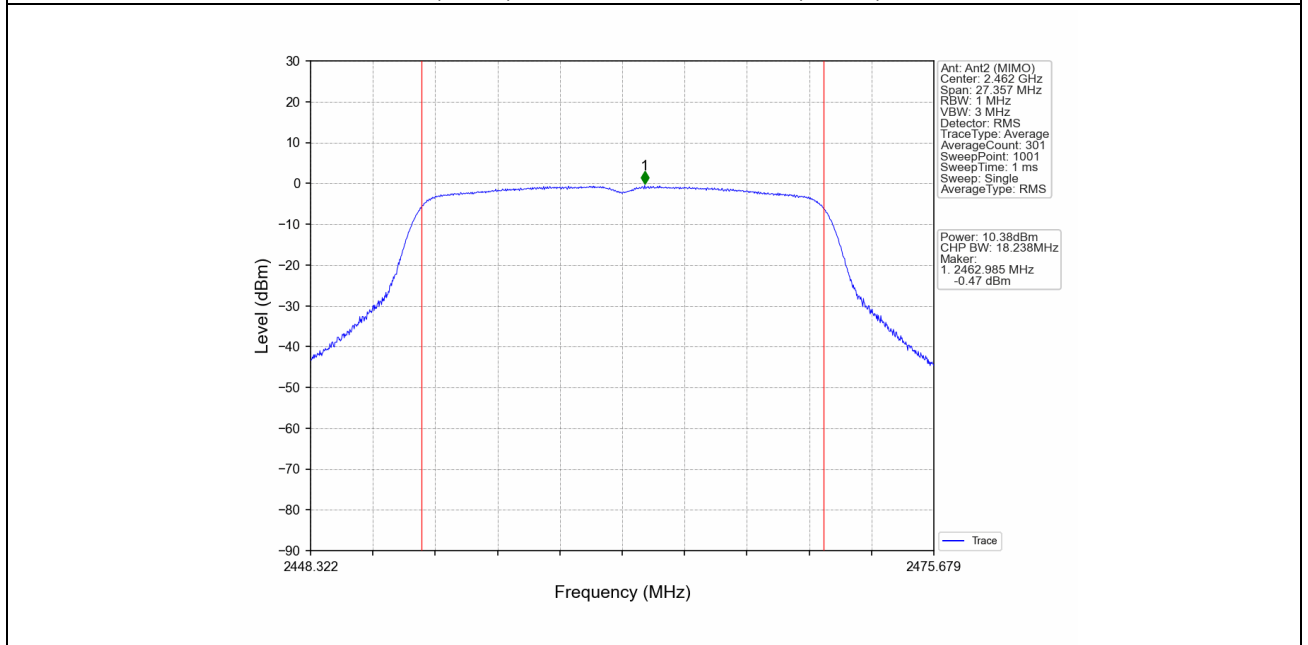


802.11n(HT20)_HCH_2462MHz_Ant2 (MIMO)_NTNV

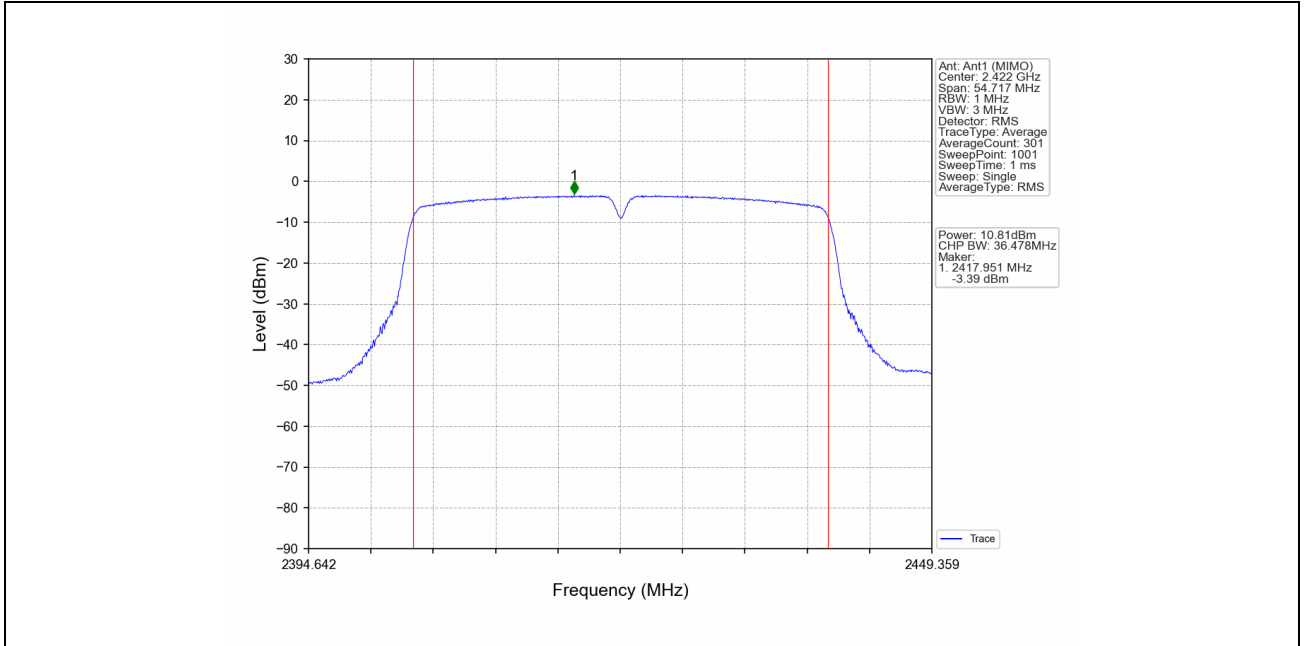


802.11n(HT40)_LCH_2422MHz_Ant1 (MIMO)_NTNV

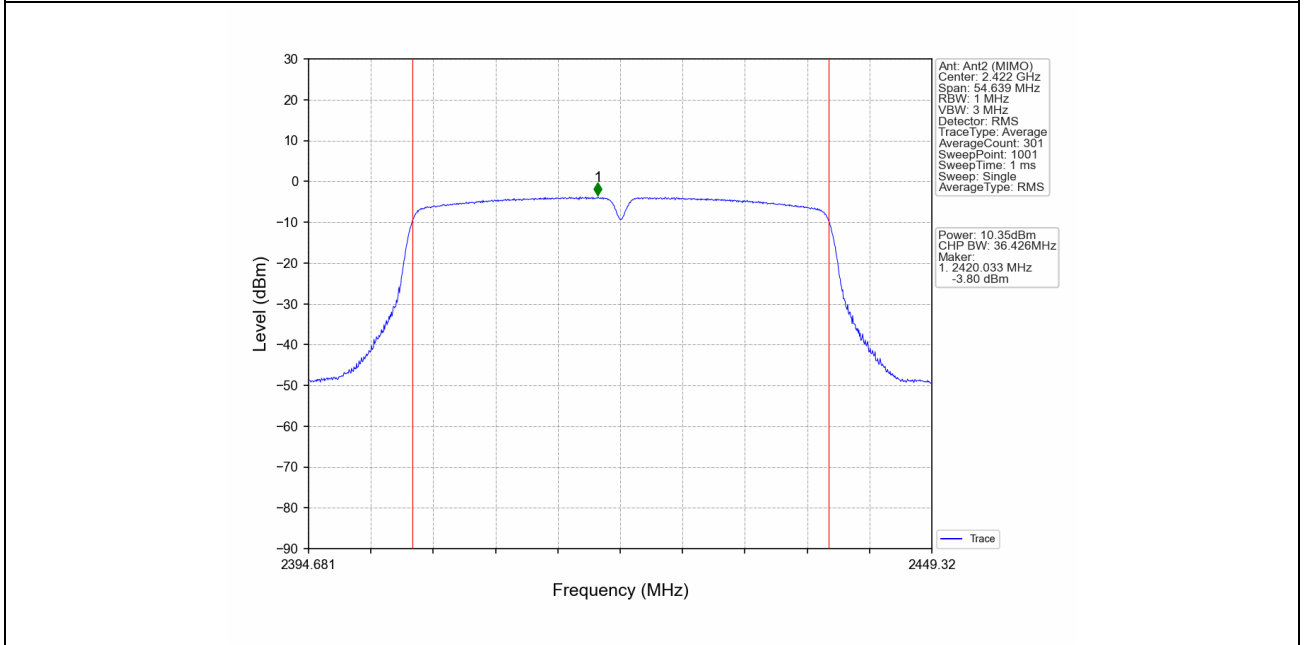


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802.11n(HT40)_LCH_2422MHz_Ant2 (MIMO)_NTNV



802.11n(HT40)_MCH_2437MHz_Ant1 (MIMO)_NTNV

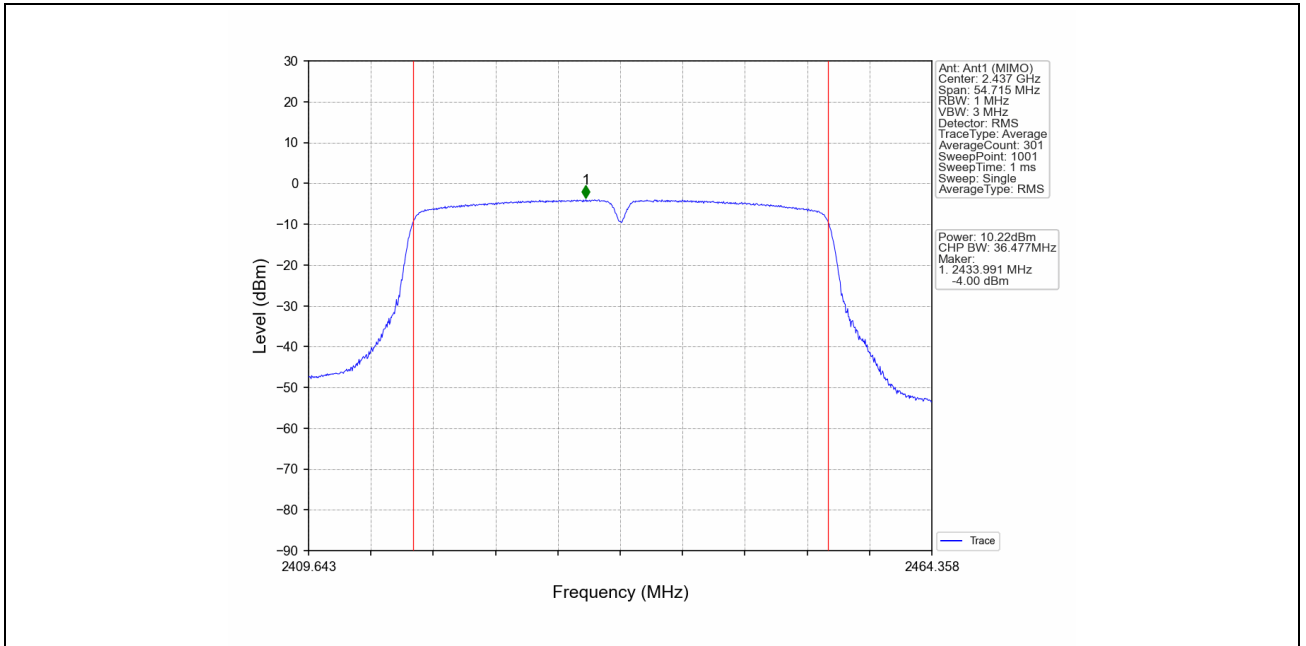


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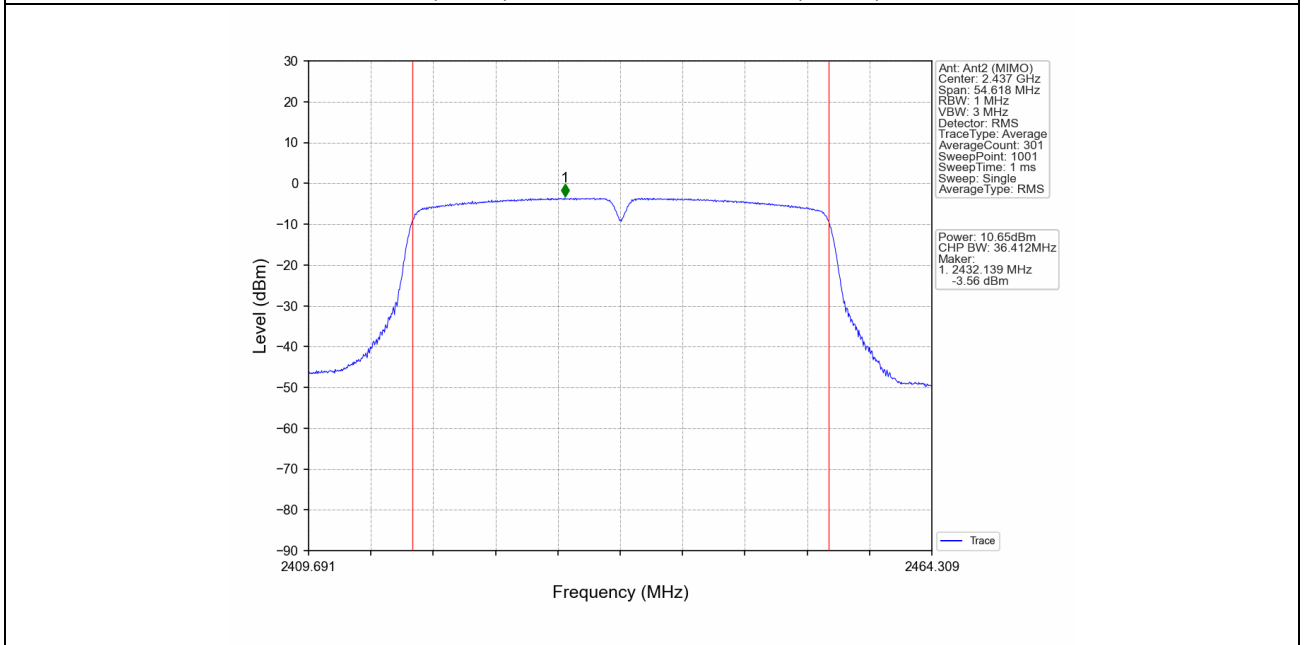
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802.11n(HT40)_MCH_2437MHz_Ant2 (MIMO)_NTNV



802.11n(HT40)_HCH_2452MHz_Ant1 (MIMO)_NTNV

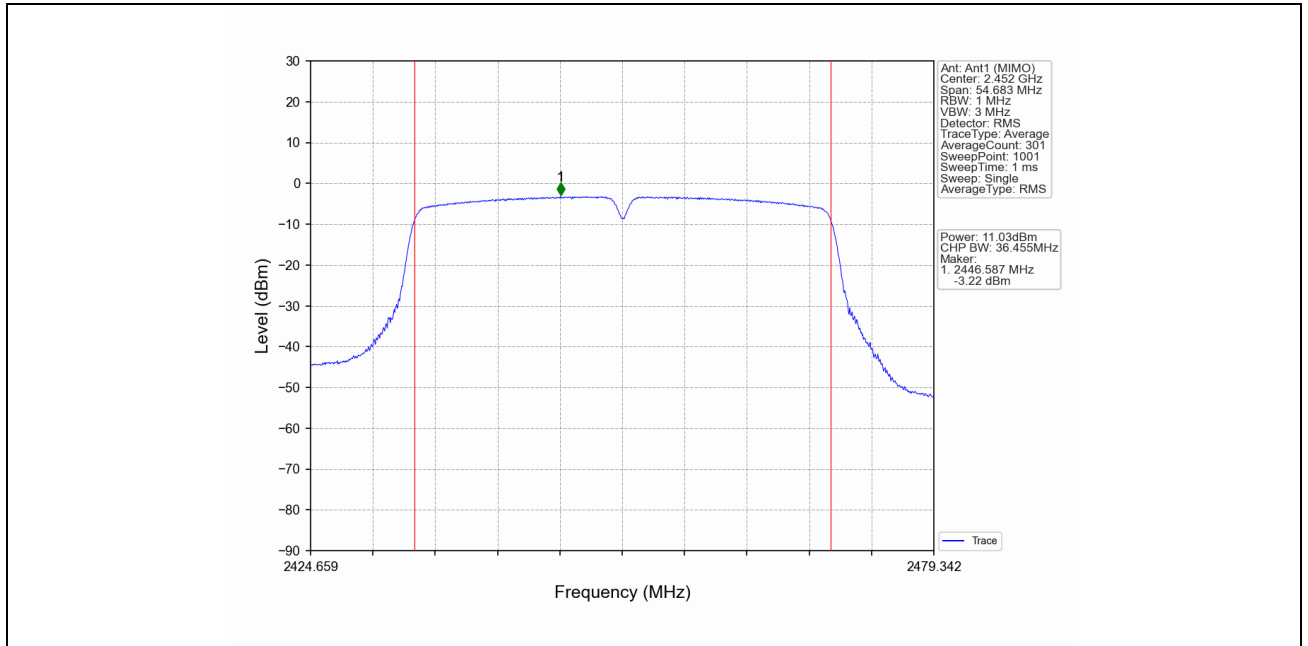


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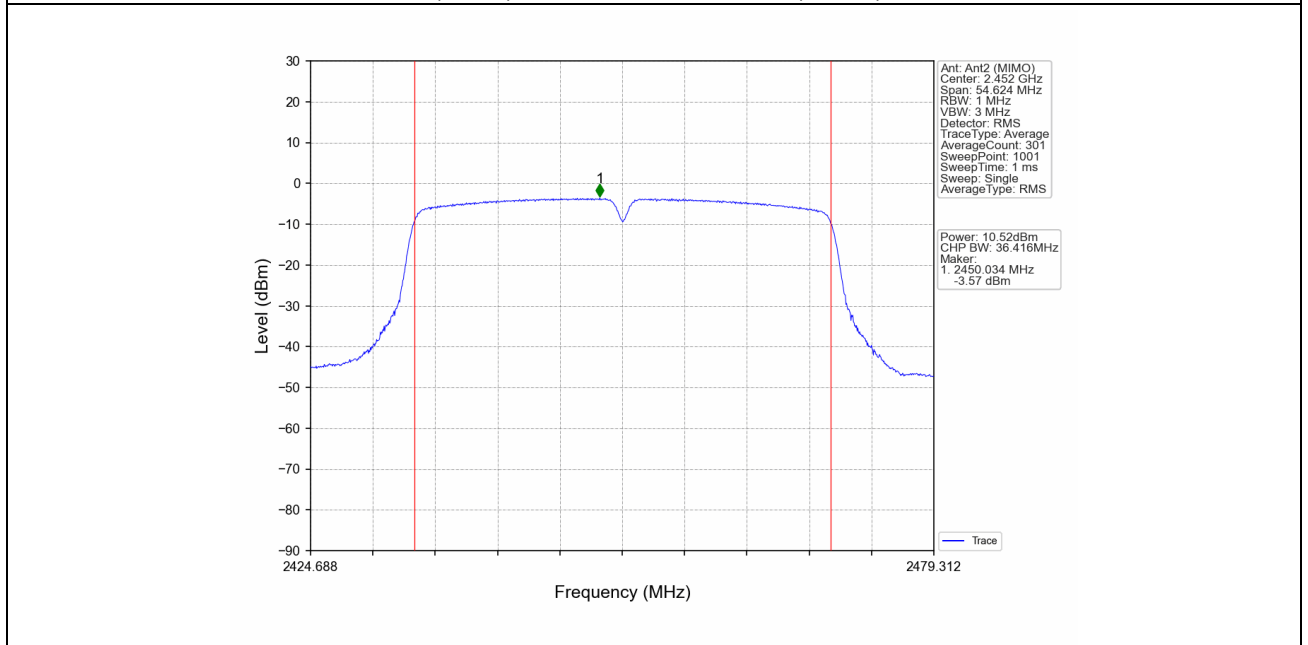
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802.11n(HT40)_HCH_2452MHz_Ant2 (MIMO)_NTNV



4. Maximum Power Spectral Density

4.1 PSD

4.1.1 Test Result



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Compliance Certification Services (Kunshan) Inc.

Report No.: KSCR220800138303

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Mode	TX Type	Frequency (MHz)	Maximum PSD (dBm/3kHz)				Verdict
			ANT1	ANT2	MIMO	Limit	
802.11b	SISO	2412	-16.94	-16.93	/	<=8	Pass
		2437	-17.14	-16.66	/	<=8	Pass
		2462	-16.79	-16.76	/	<=8	Pass
802.11g	SISO	2412	-14.84	-14.81	/	<=8	Pass
		2437	-14.32	-14.93	/	<=8	Pass
		2462	-14.43	-15.11	/	<=8	Pass
802.11n (HT20)	MIMO	2412	-16.73	-17.21	-13.95	<=6.56	Pass
		2437	-17.20	-15.98	-13.79	<=6.56	Pass
		2462	-17.42	-17.02	-14.20	<=6.56	Pass
802.11n (HT40)	MIMO	2422	-18.17	-17.60	-15.49	<=6.56	Pass
		2437	-17.56	-18.51	-15.00	<=6.56	Pass
		2452	-18.46	-19.08	-15.75	<=6.56	Pass

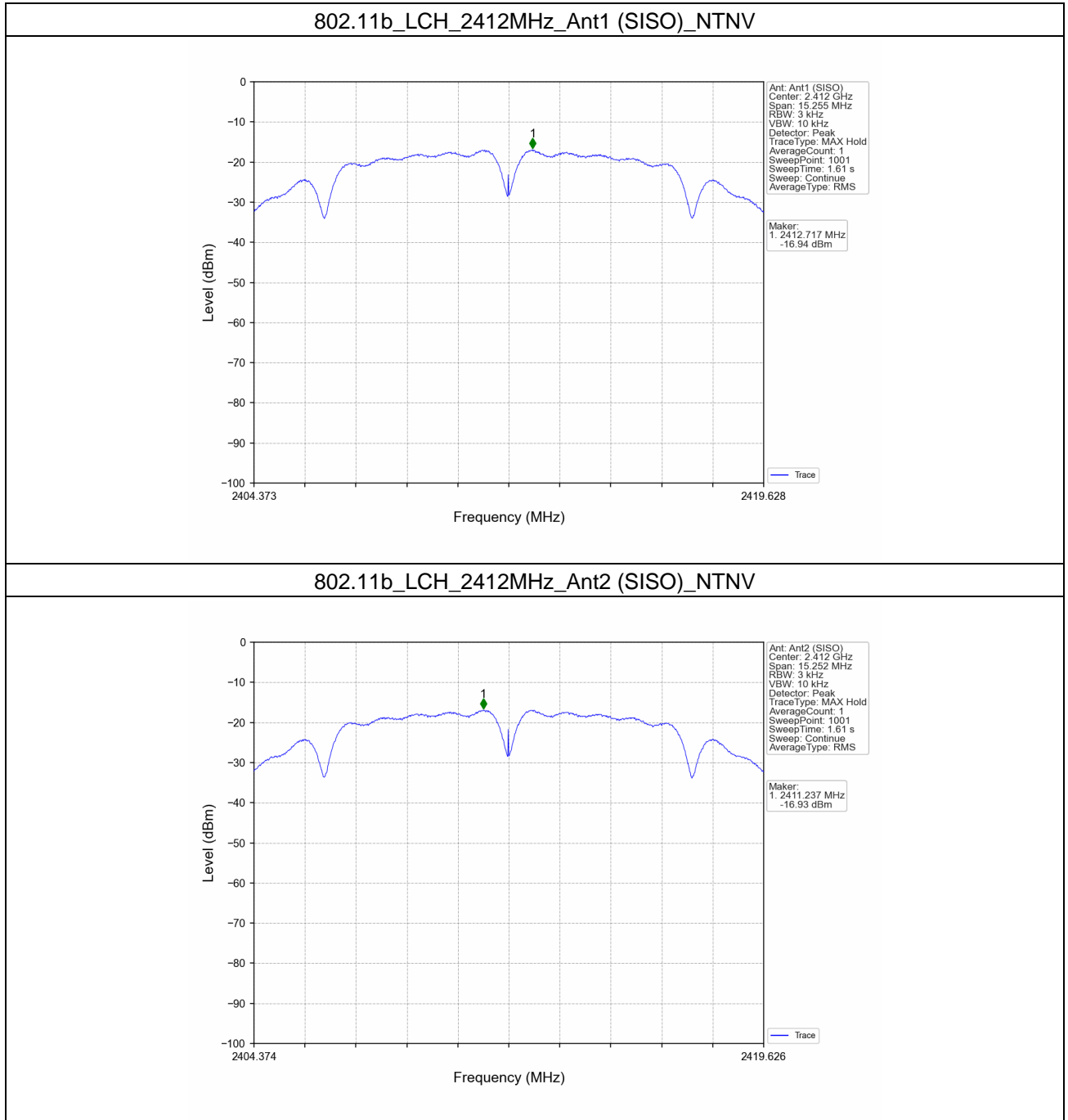
Note1: Antenna Gain: Ant1: 4.43dBi; Ant2: 4.43dBi;
 Note2: Directional Gain: 7.44dBi



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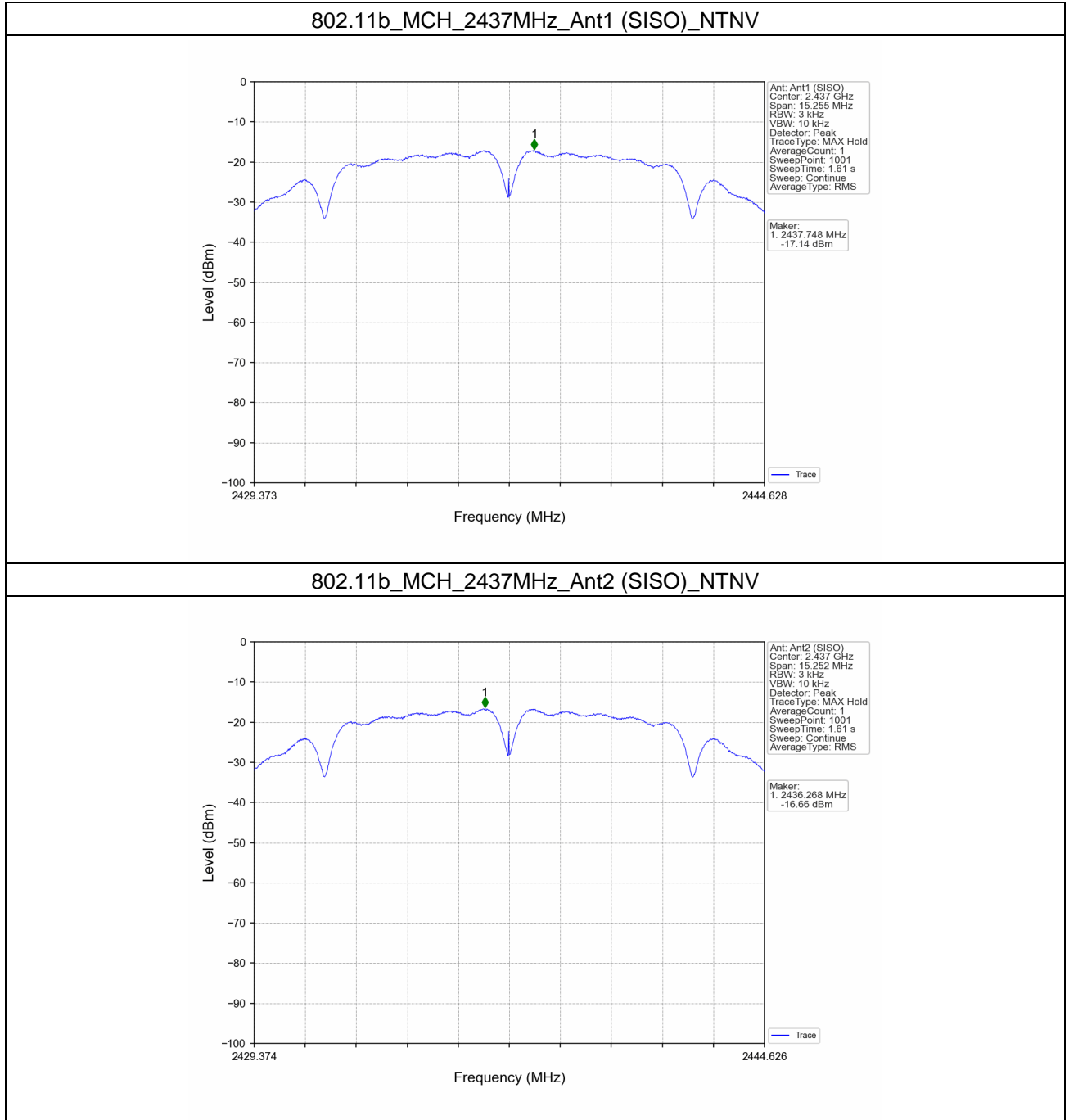
4.1.2 Test Graph



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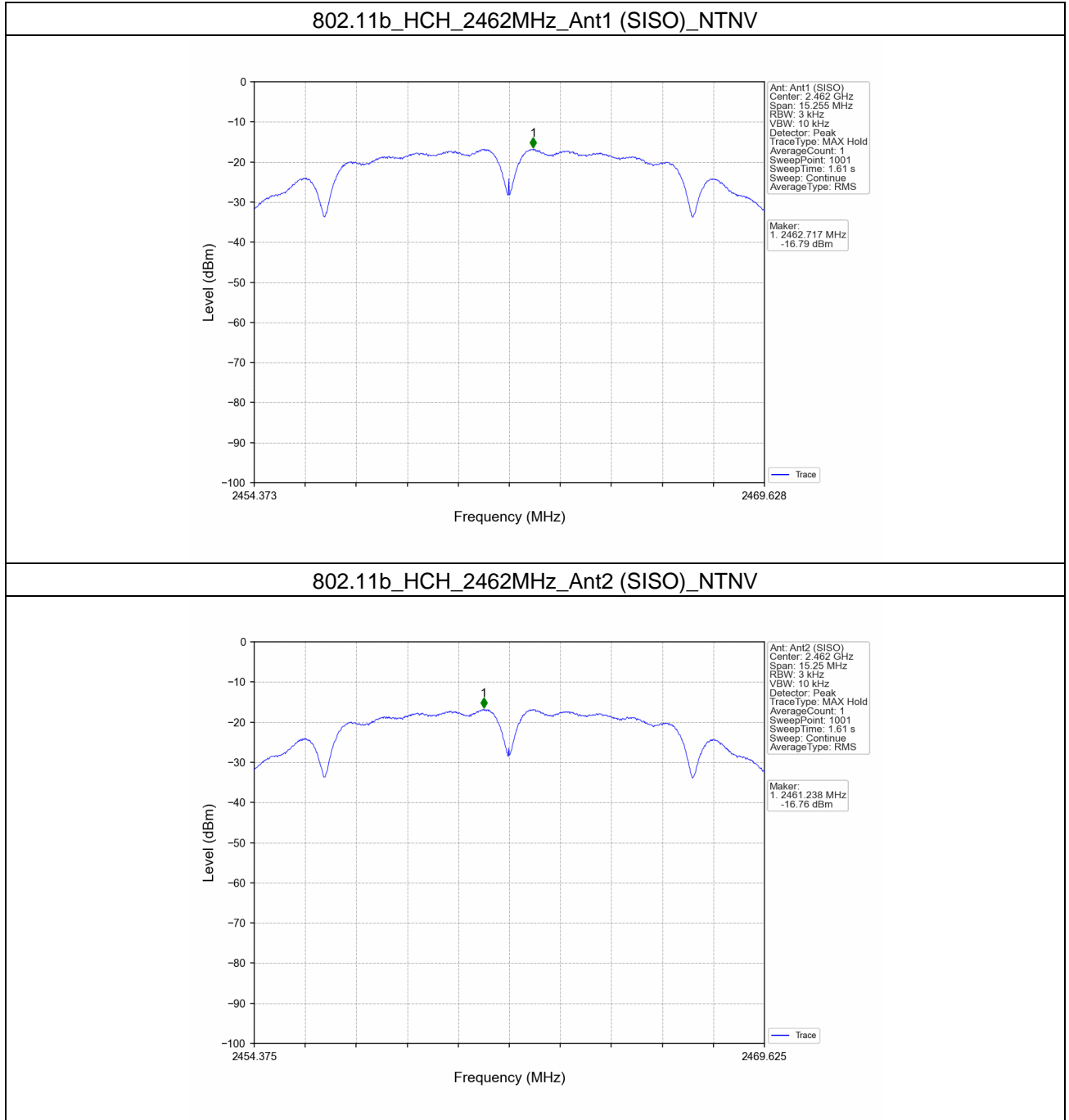


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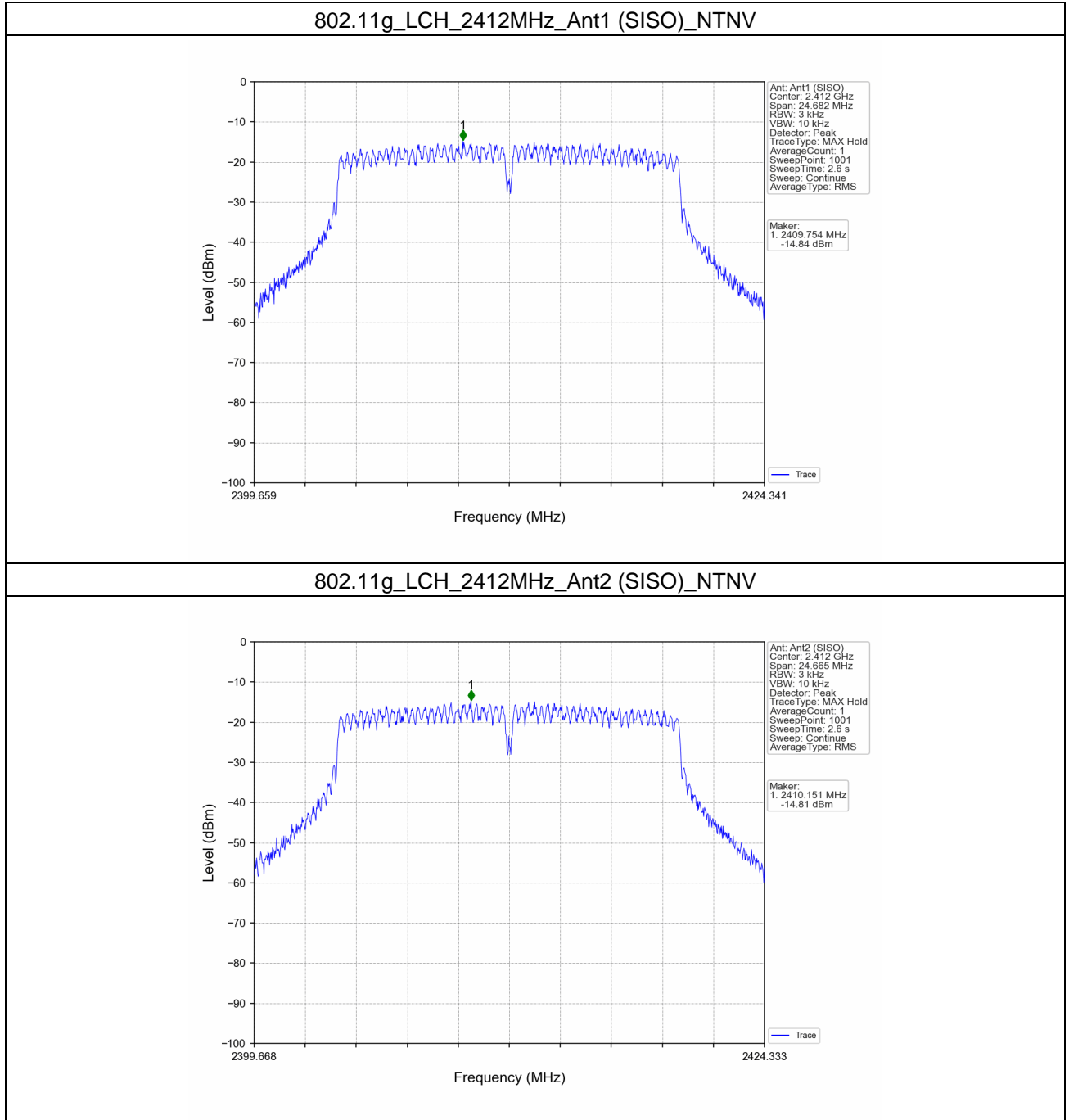


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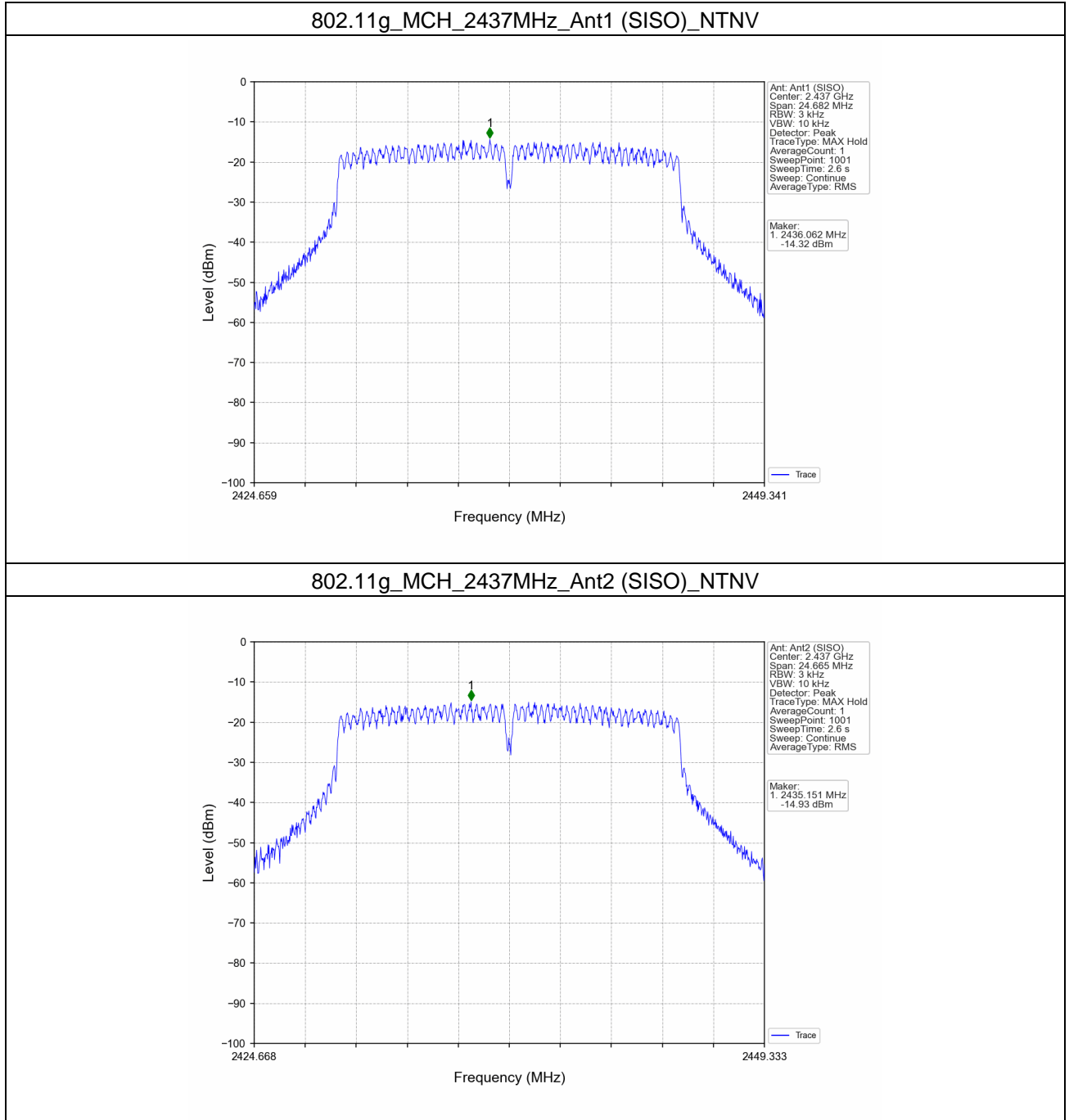


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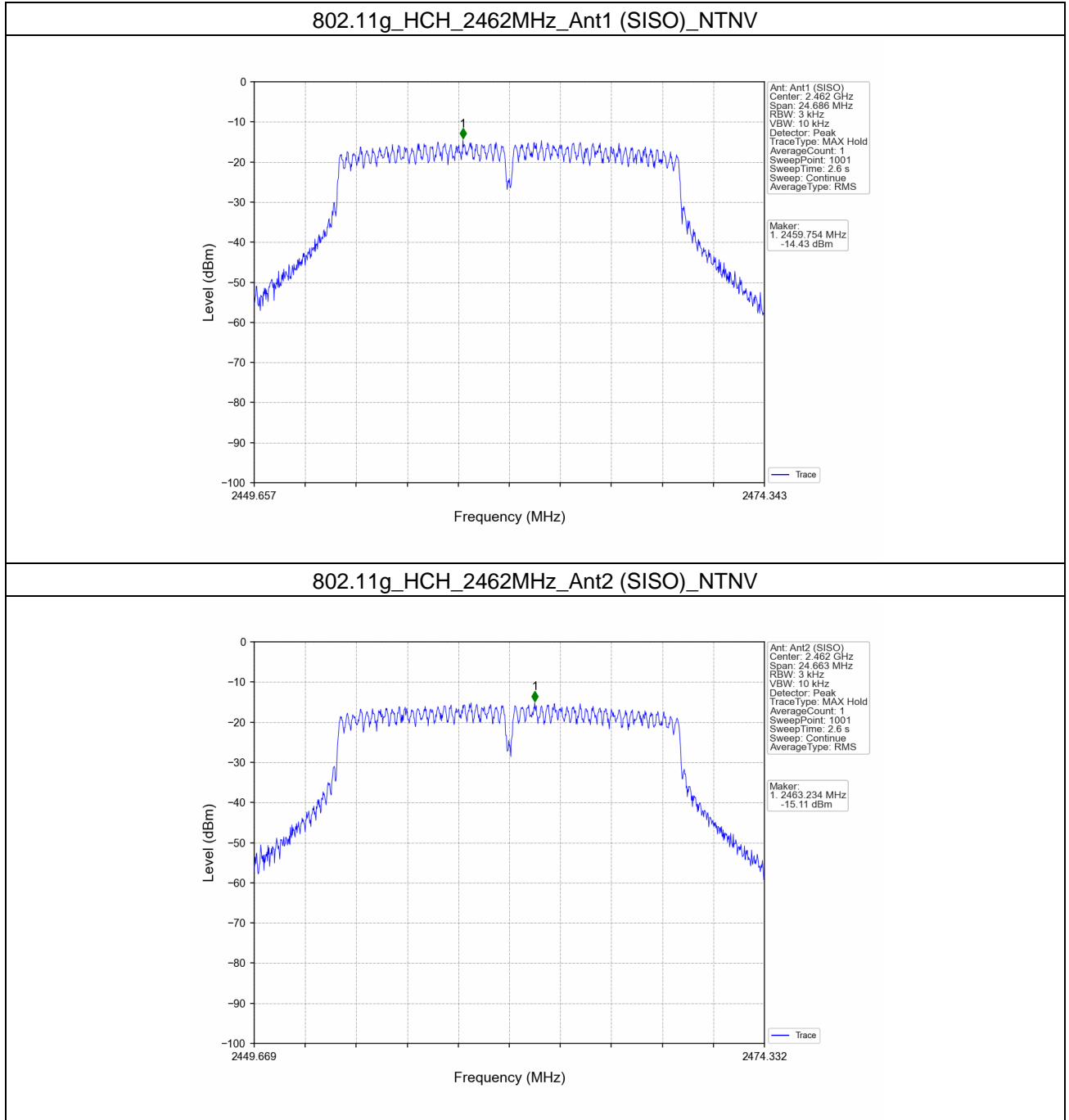


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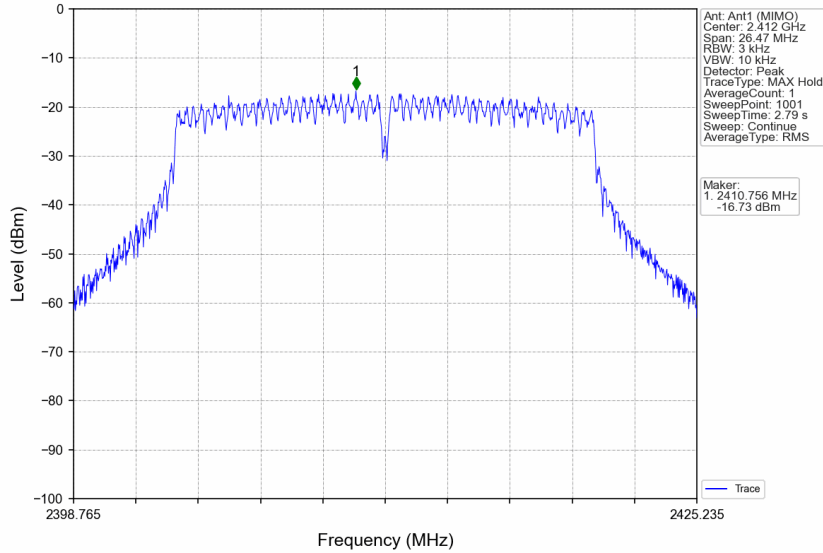
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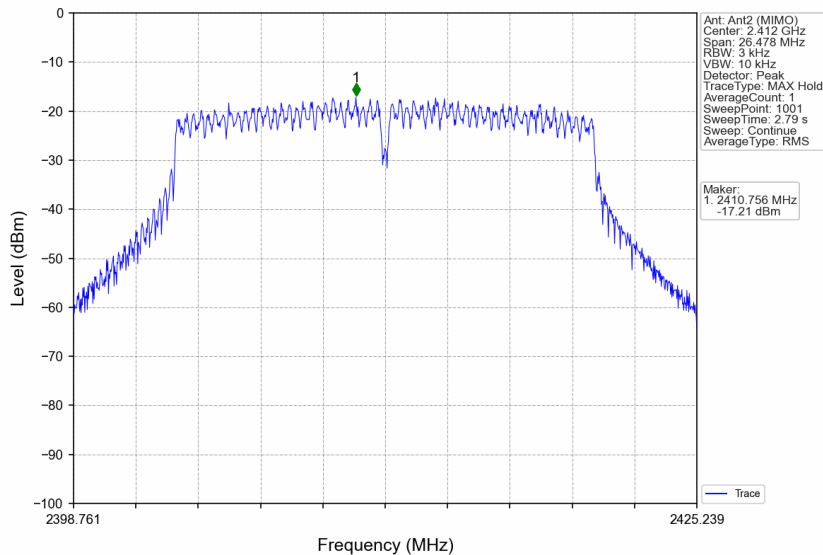
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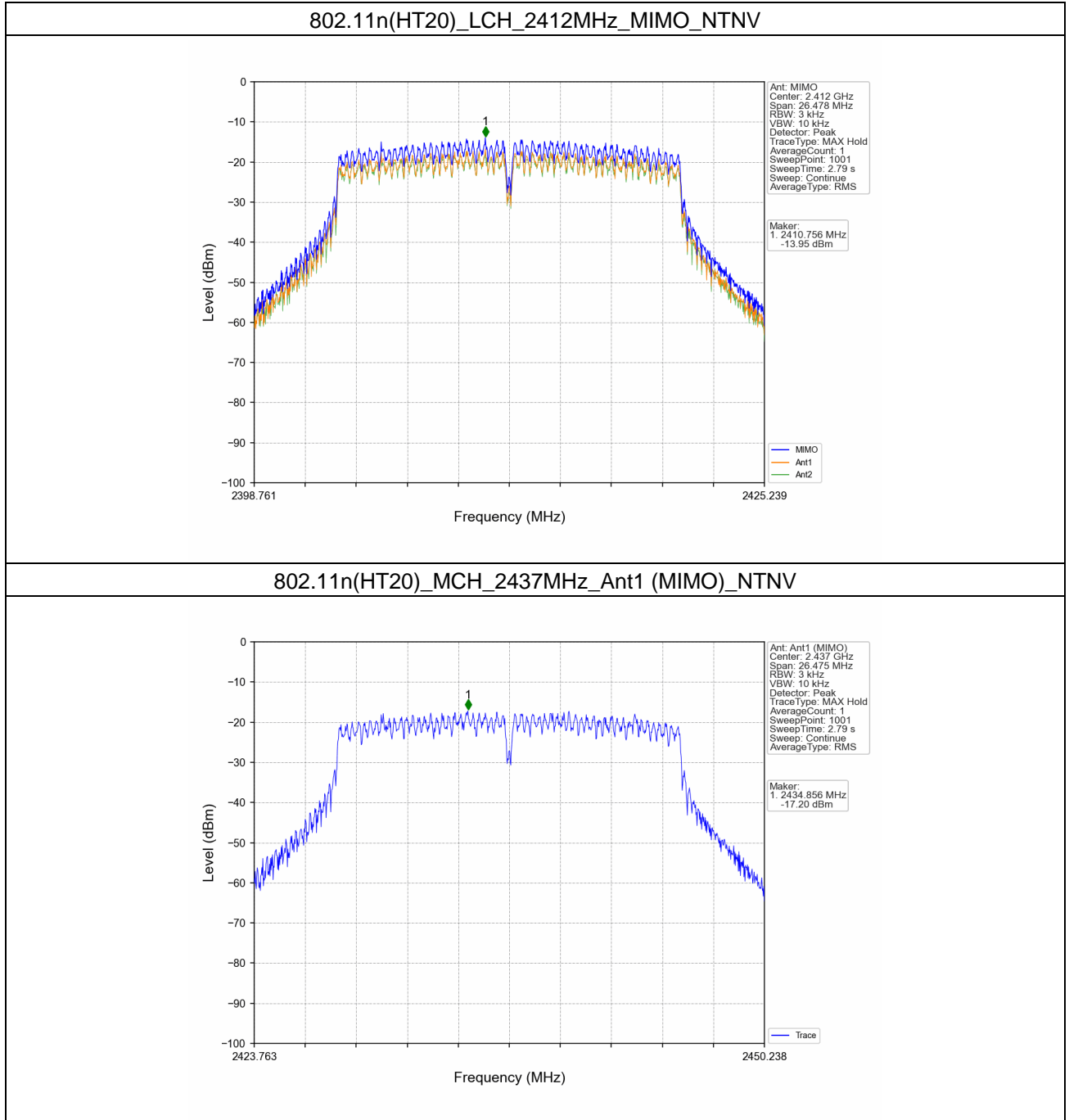


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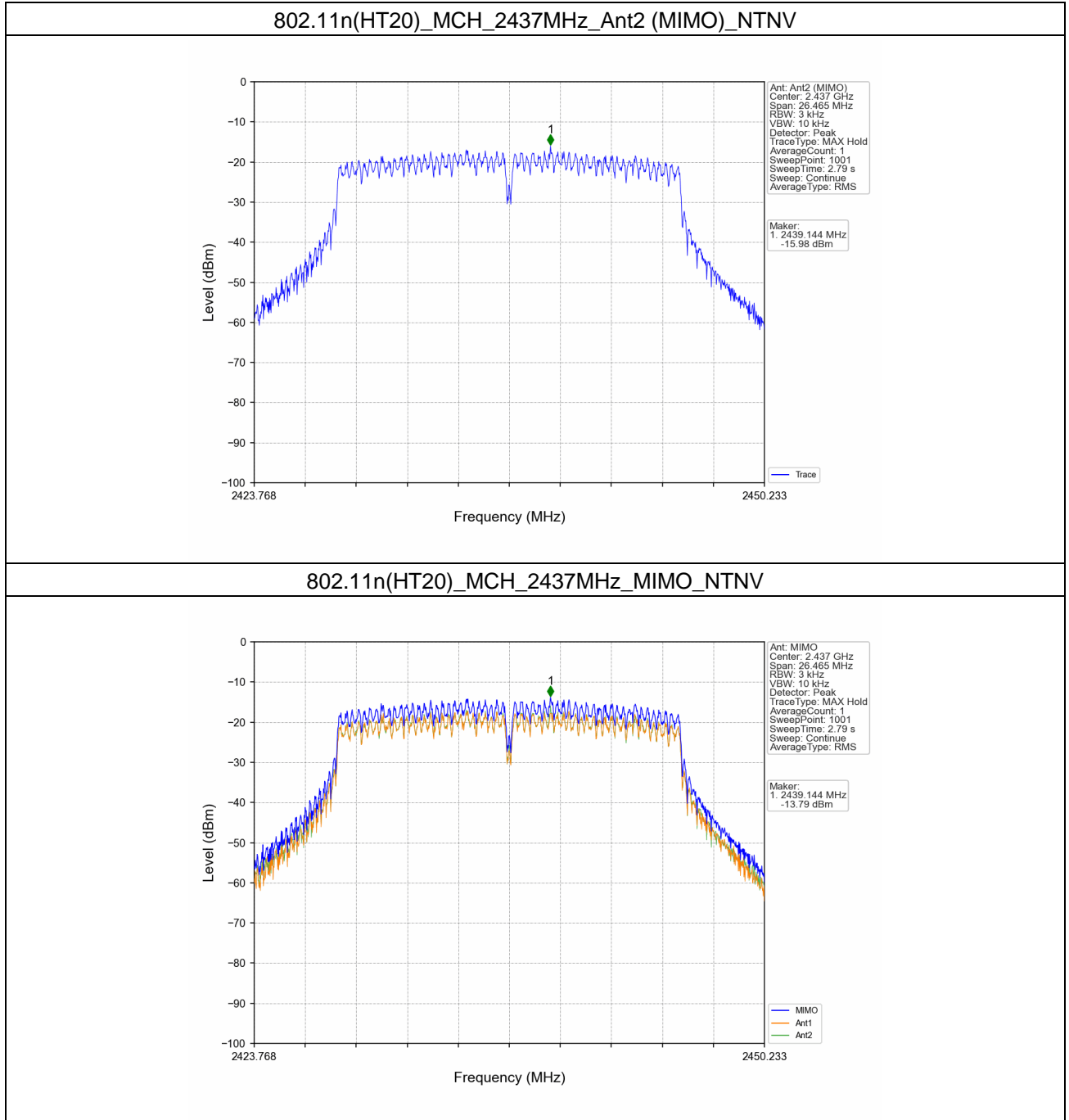


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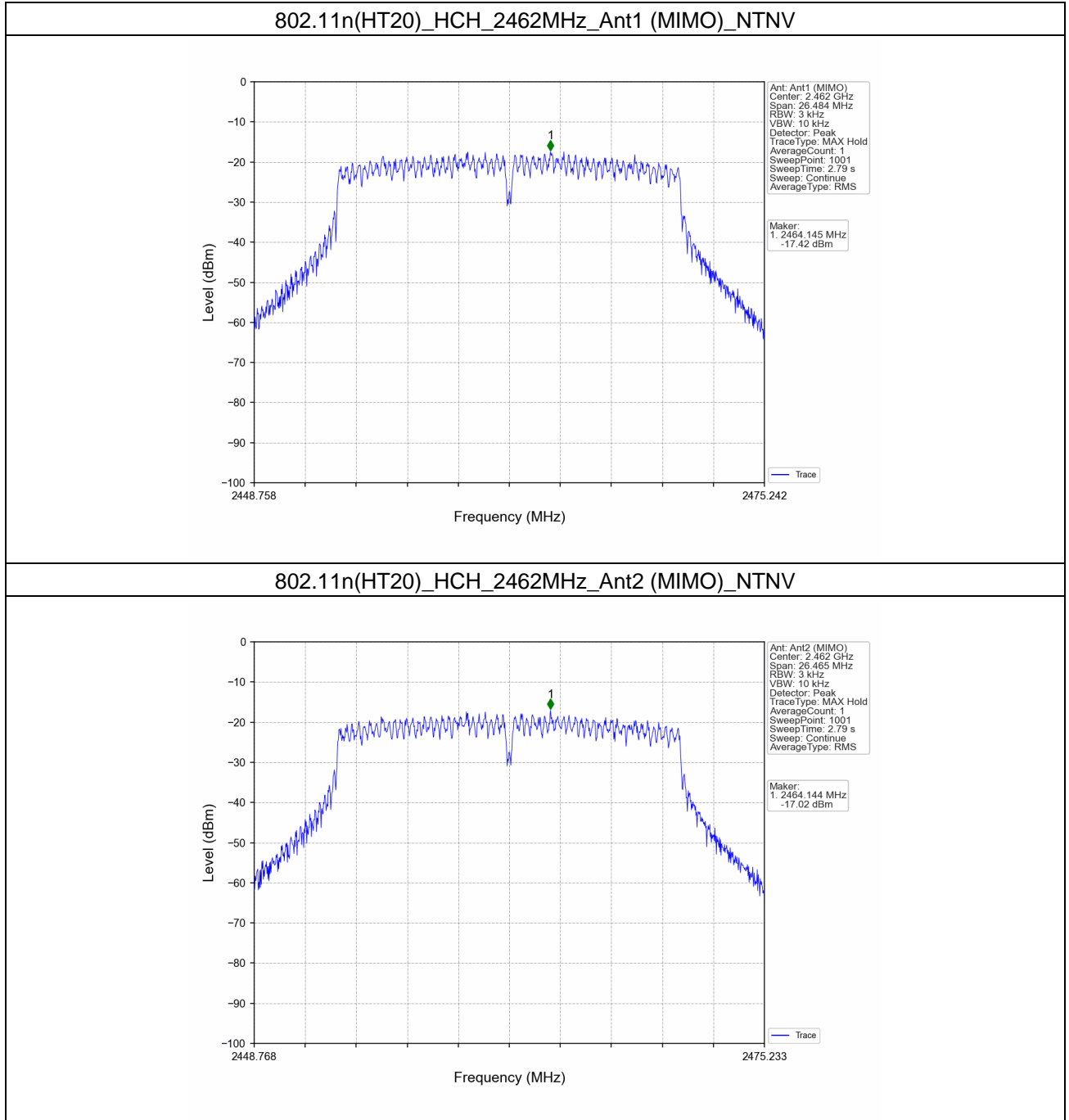
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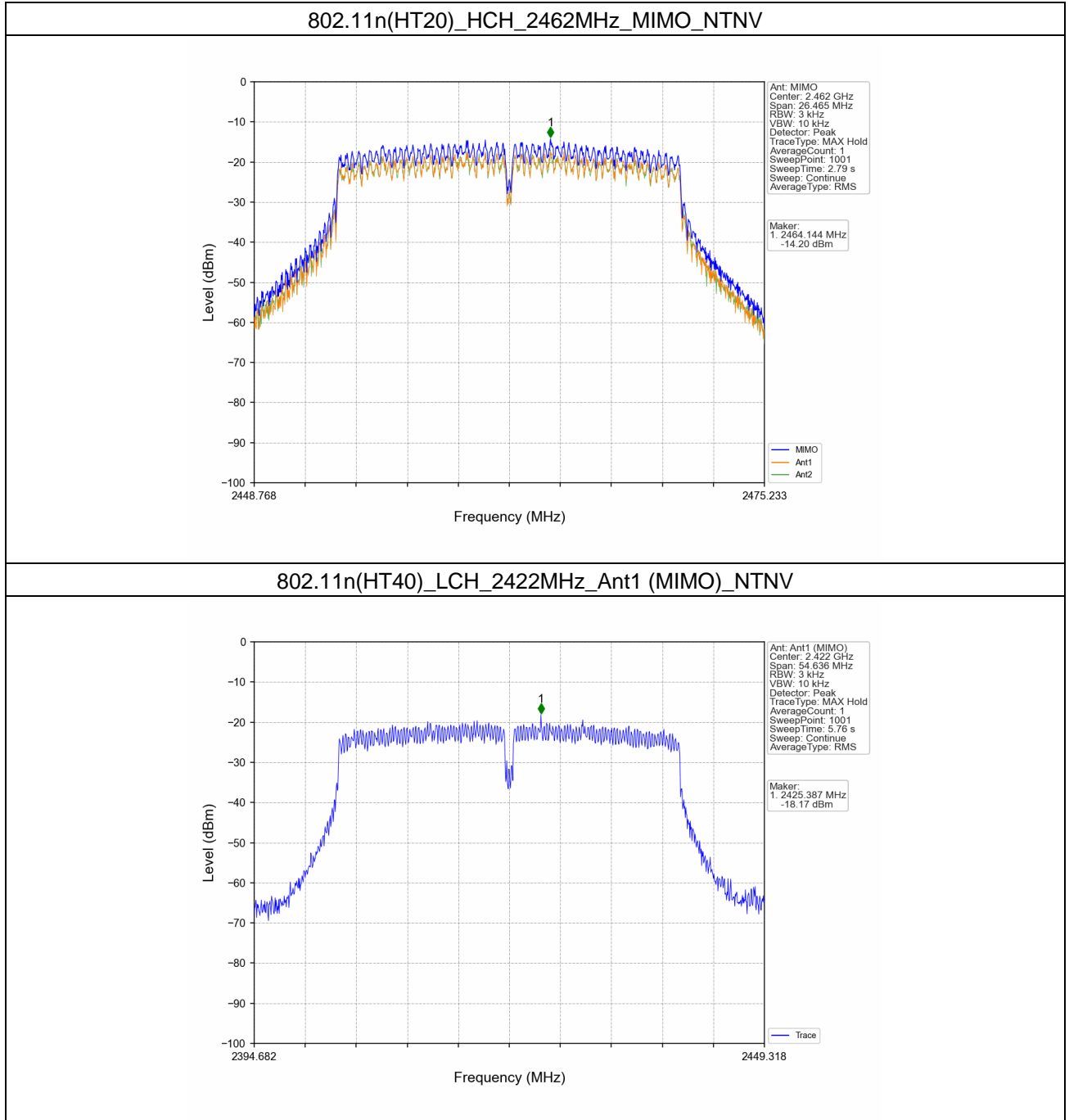


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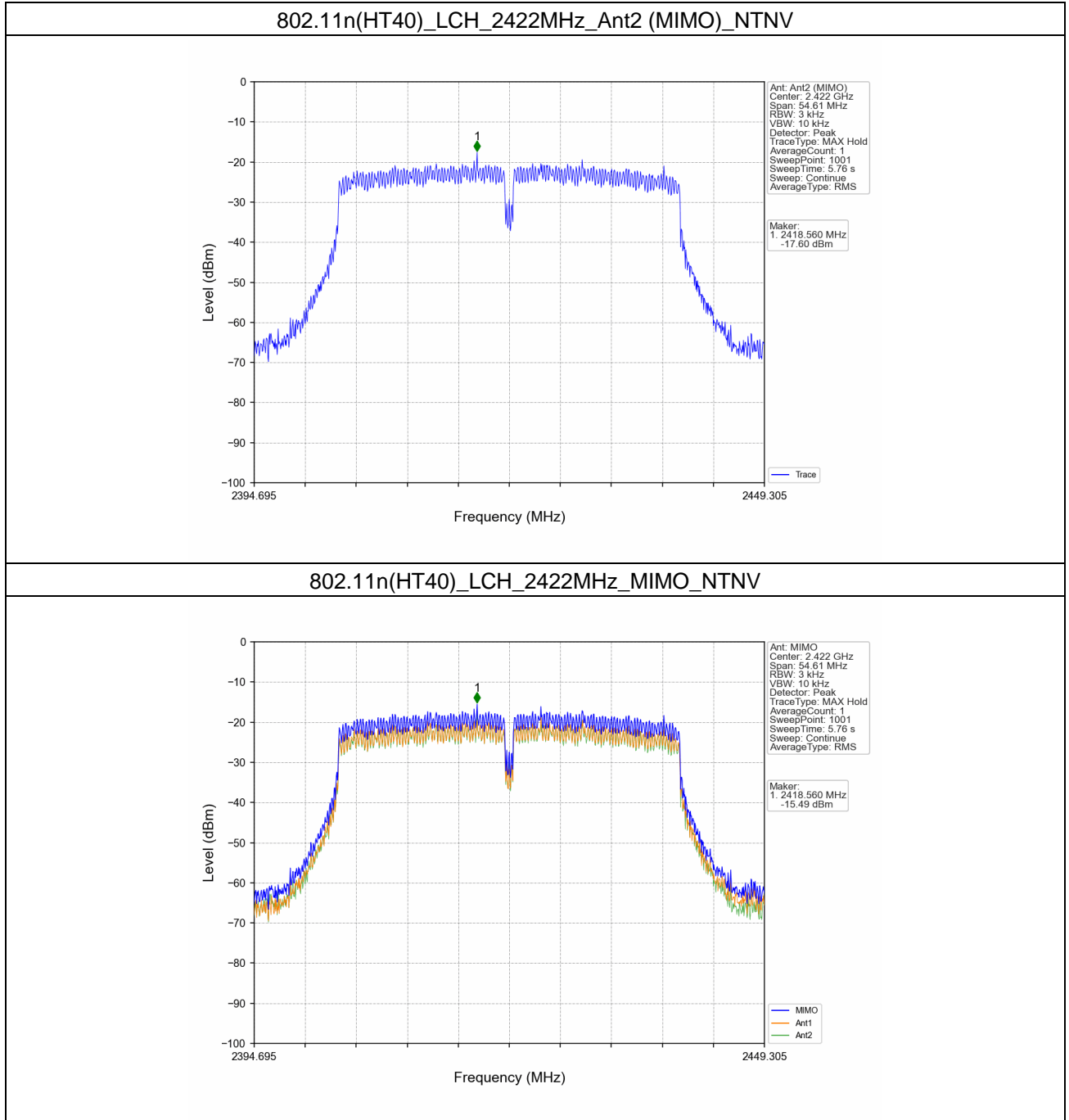
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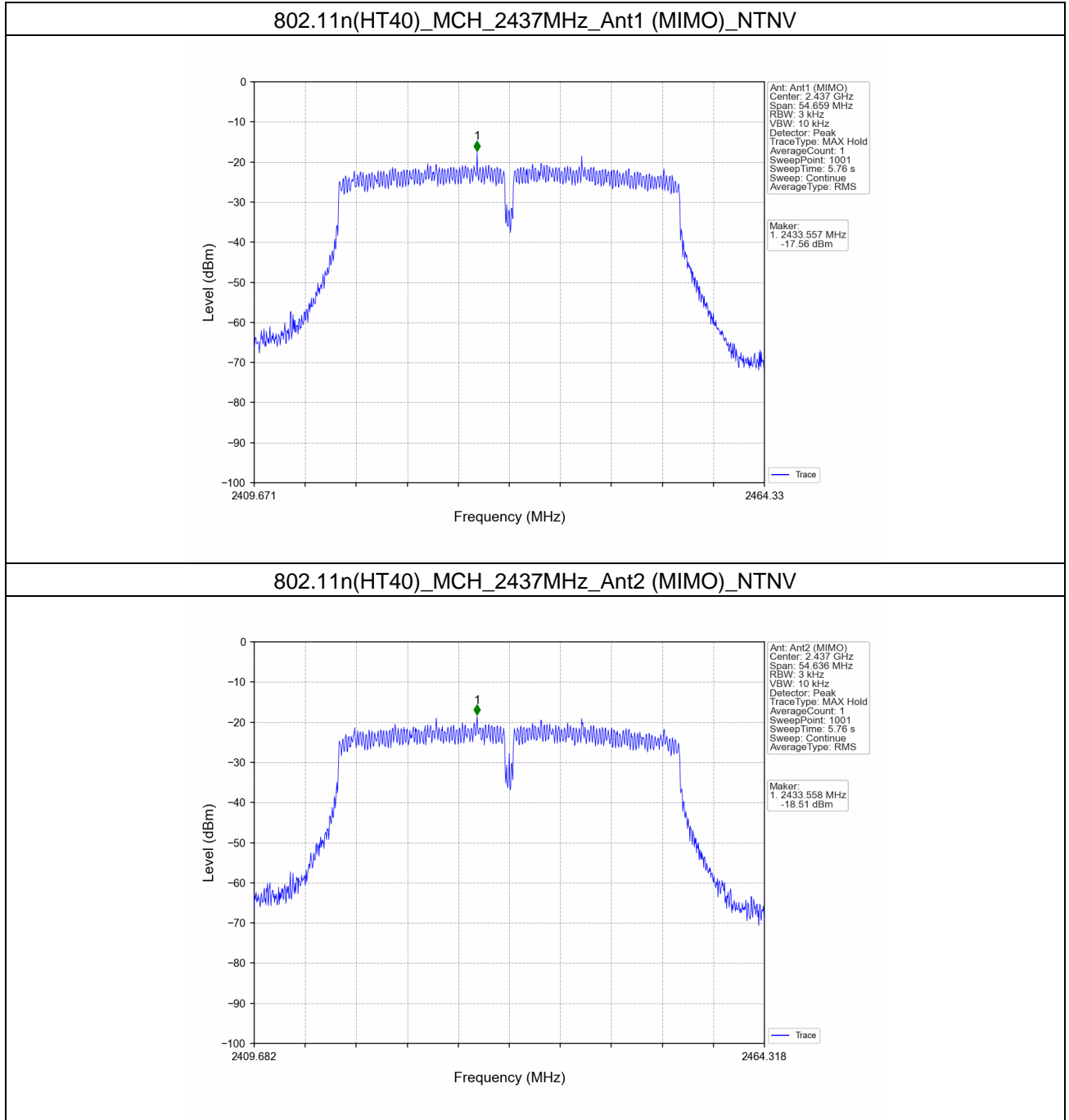


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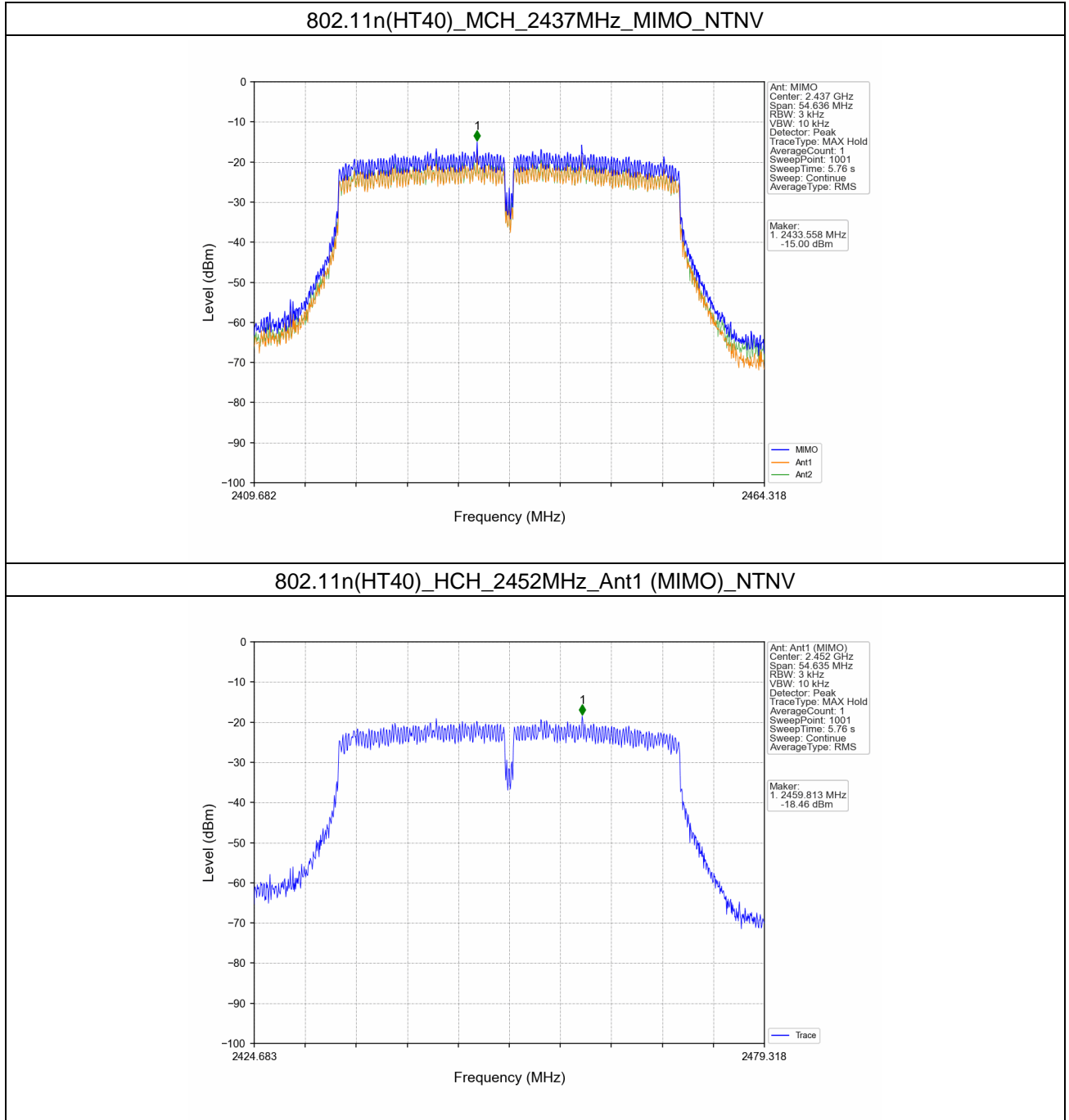
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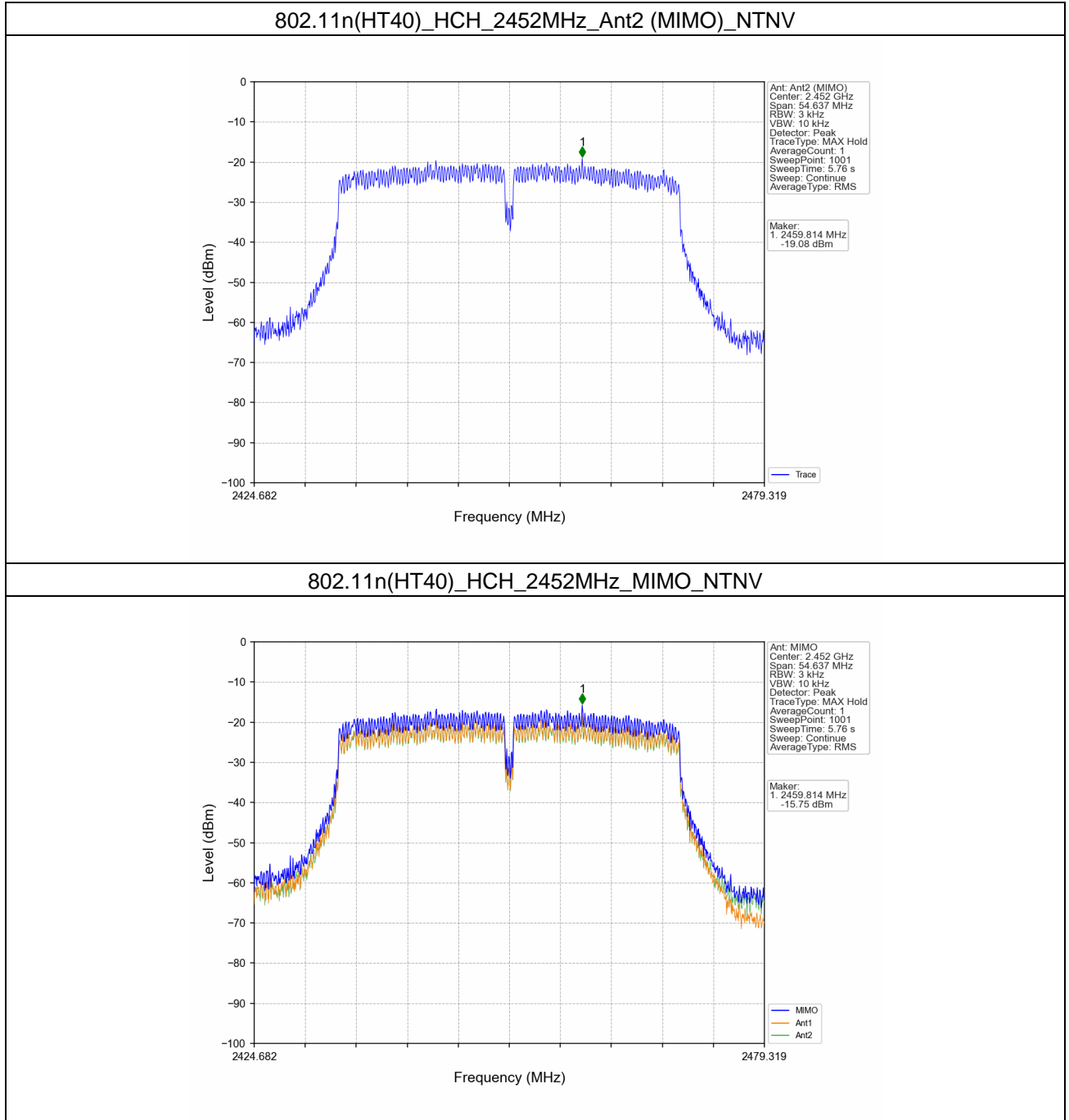
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5. Unwanted Emissions InStandard Non-restricted Frequency Bands

5.1 Ref

5.1.1 Test Result

Mode	TX Type	Frequency (MHz)	ANT	Level of Reference (dBm)
802.11b	SISO	2412	1	3.03
			2	3.12
		2437	1	2.90
			2	3.37
		2462	1	3.24
			2	3.25
802.11g	SISO	2412	1	-0.40
			2	0.02
		2437	1	-0.22
			2	-0.10
		2462	1	-0.14
			2	0.10
802.11n (HT20)	MIMO	2412	1	-2.66
			2	-2.71
		2437	1	-2.68
			2	-2.36
		2462	1	-2.78
			2	-2.83
802.11n (HT40)	MIMO	2422	1	-6.28
			2	-6.57
		2437	1	-6.86
			2	-6.21
		2452	1	-6.10
			2	-6.27



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Report No.: KSCR220800138303

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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.

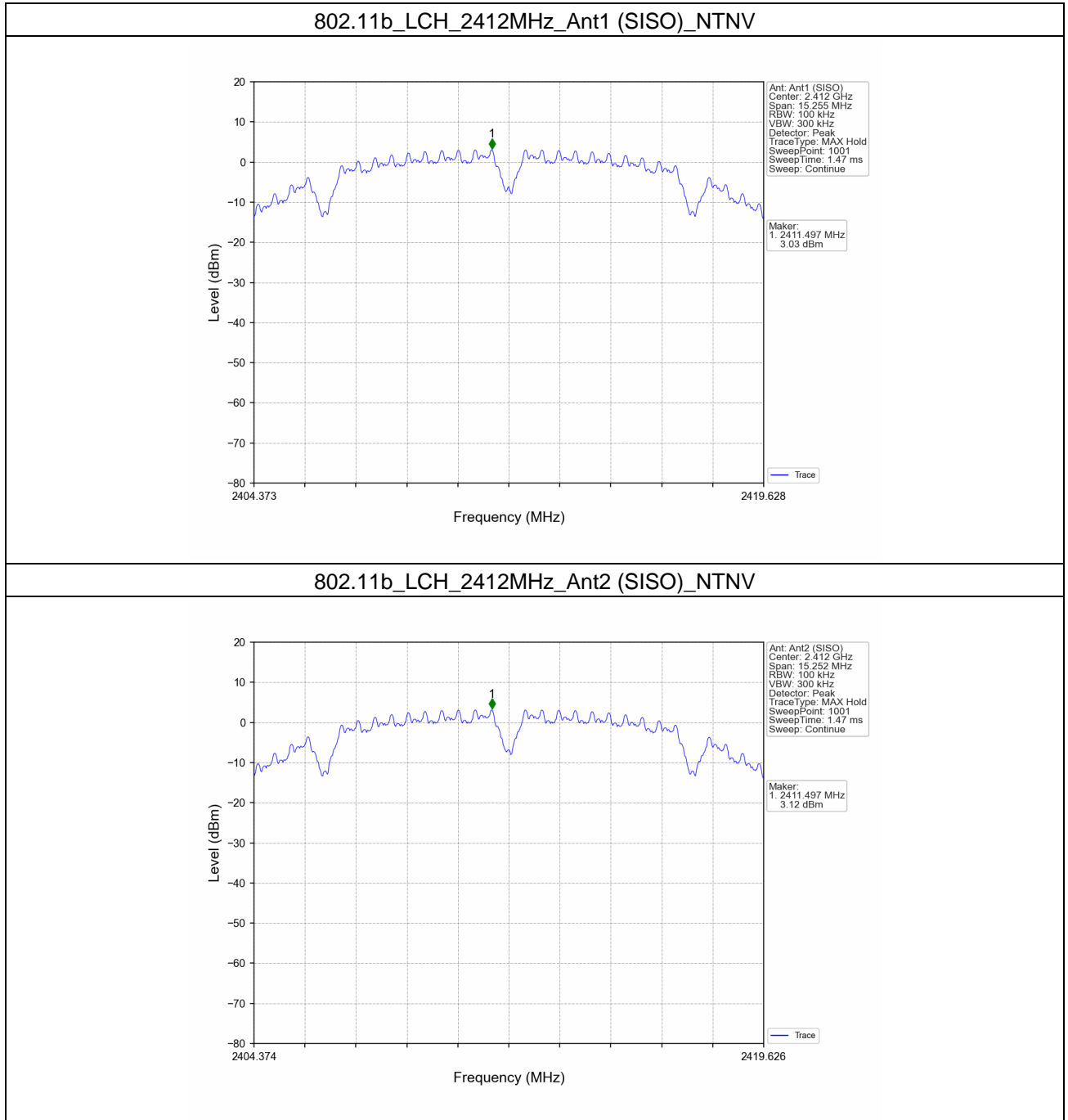


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5.1.2 Test Graph

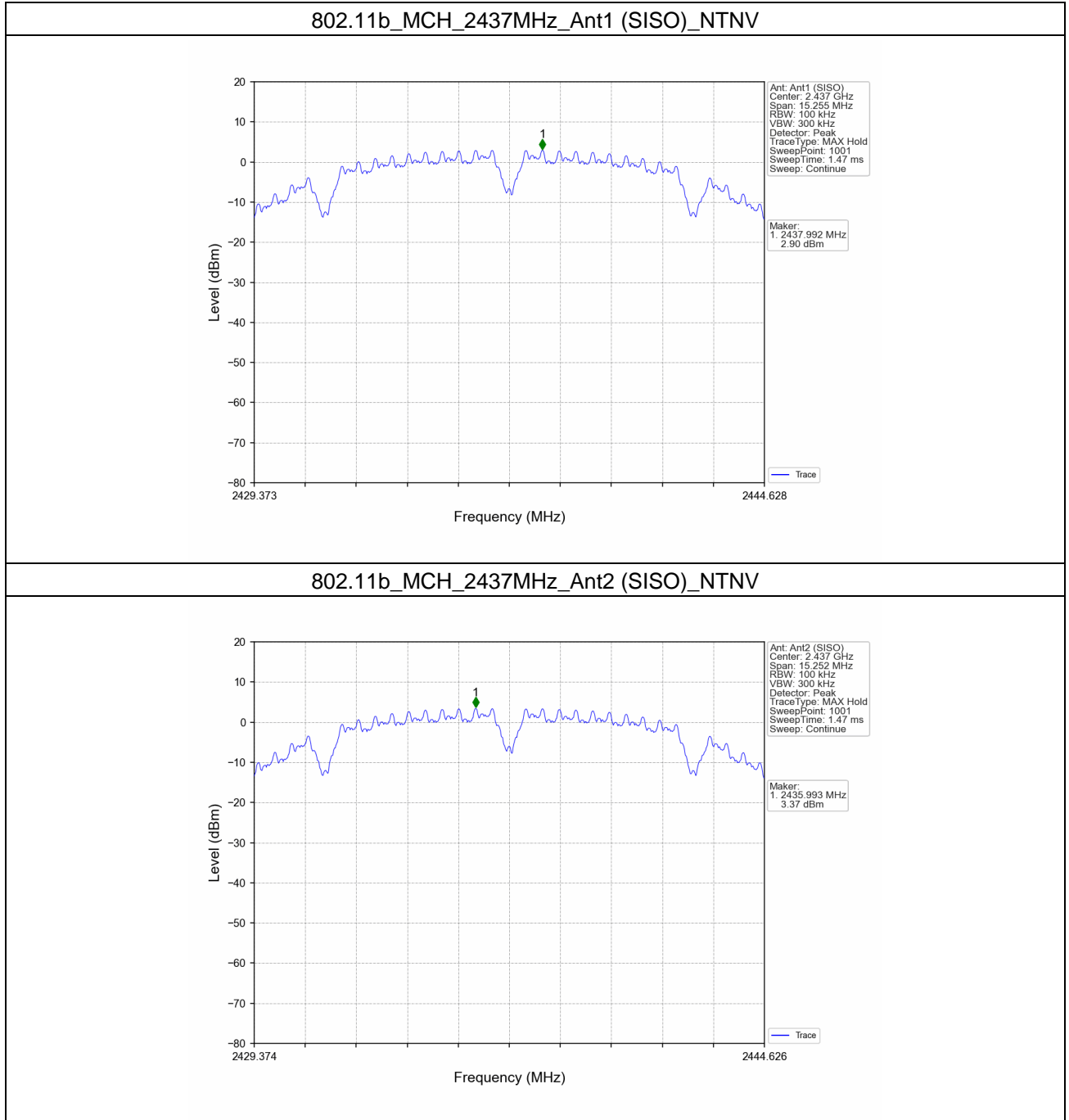


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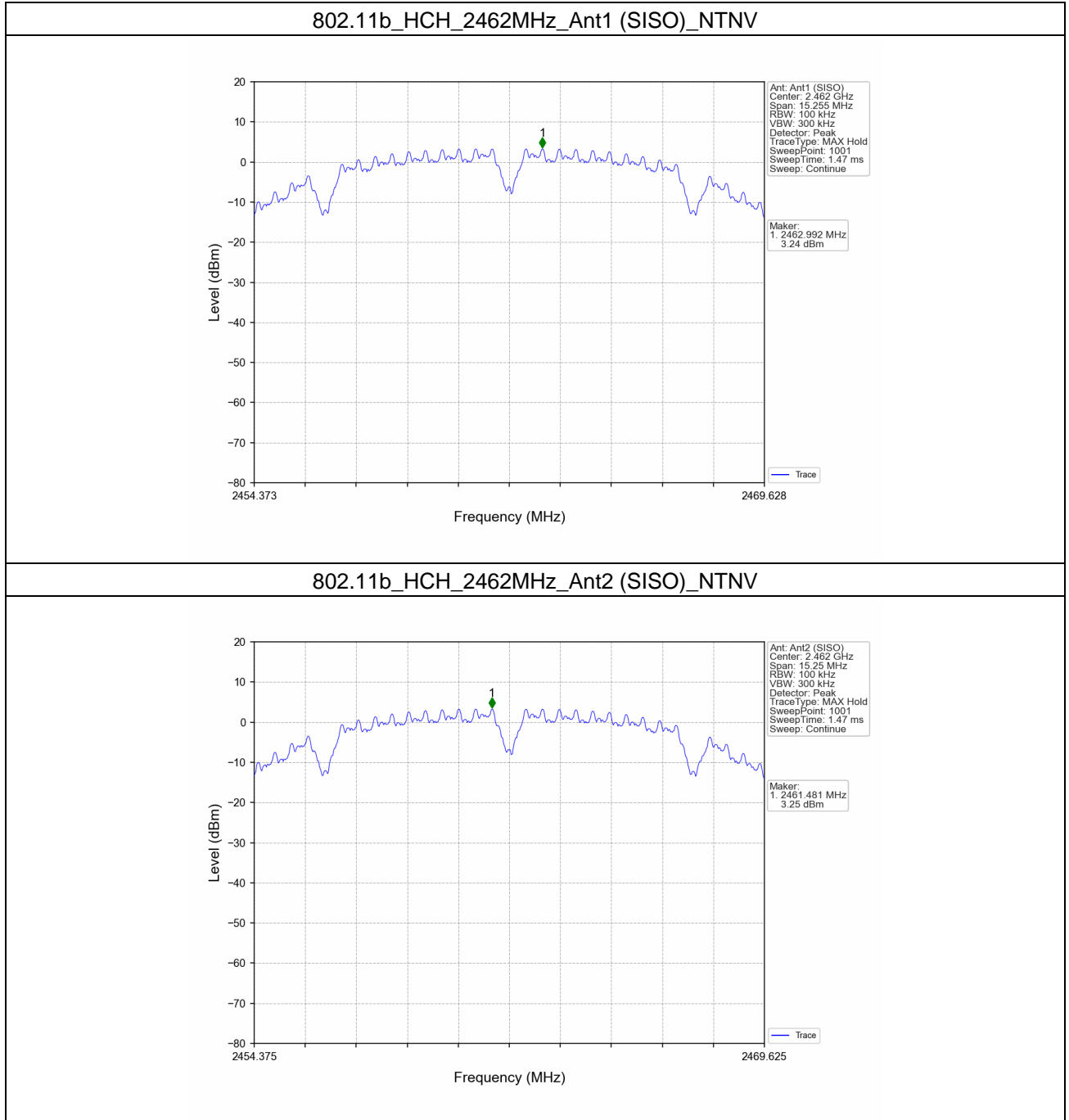


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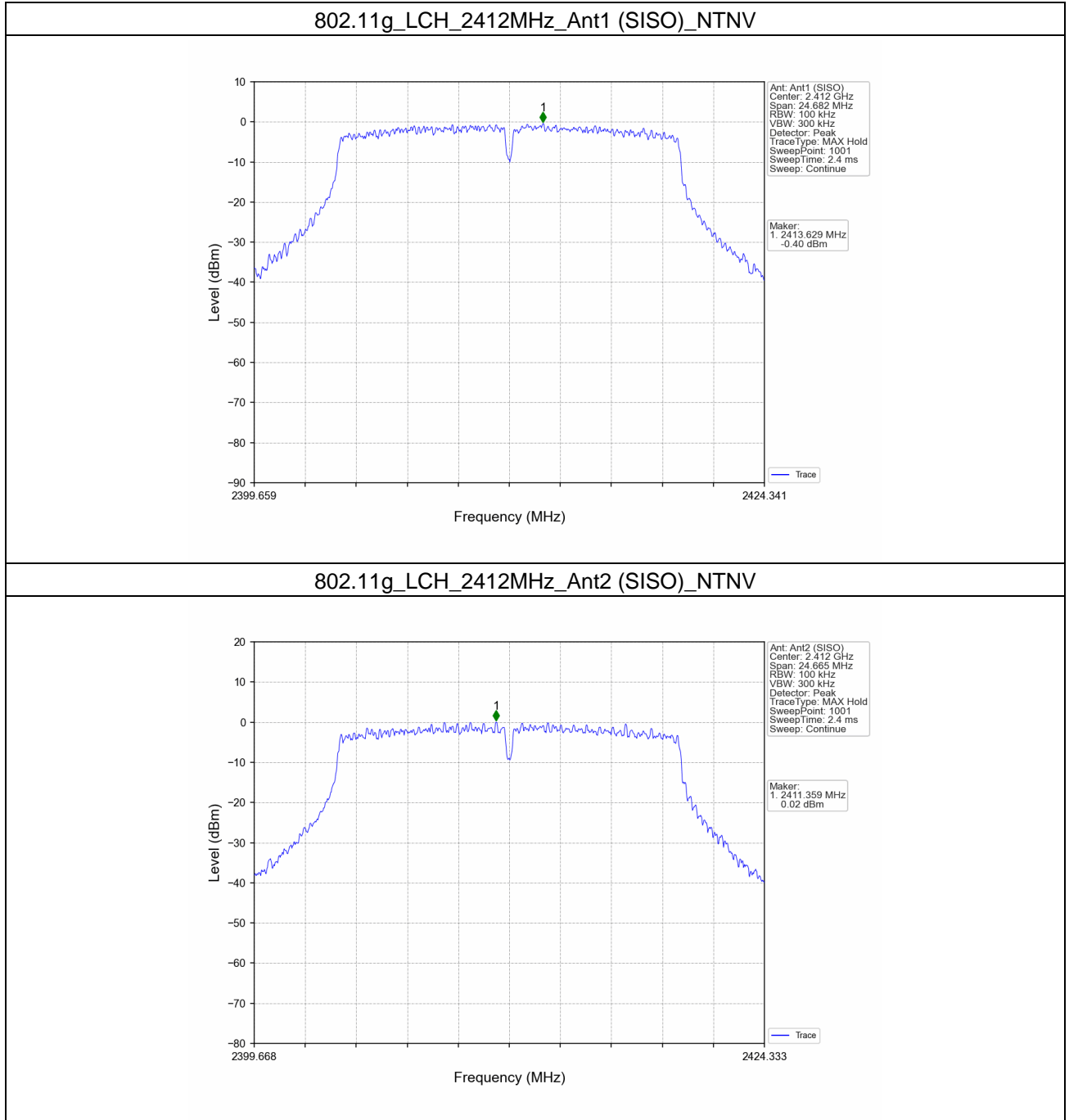
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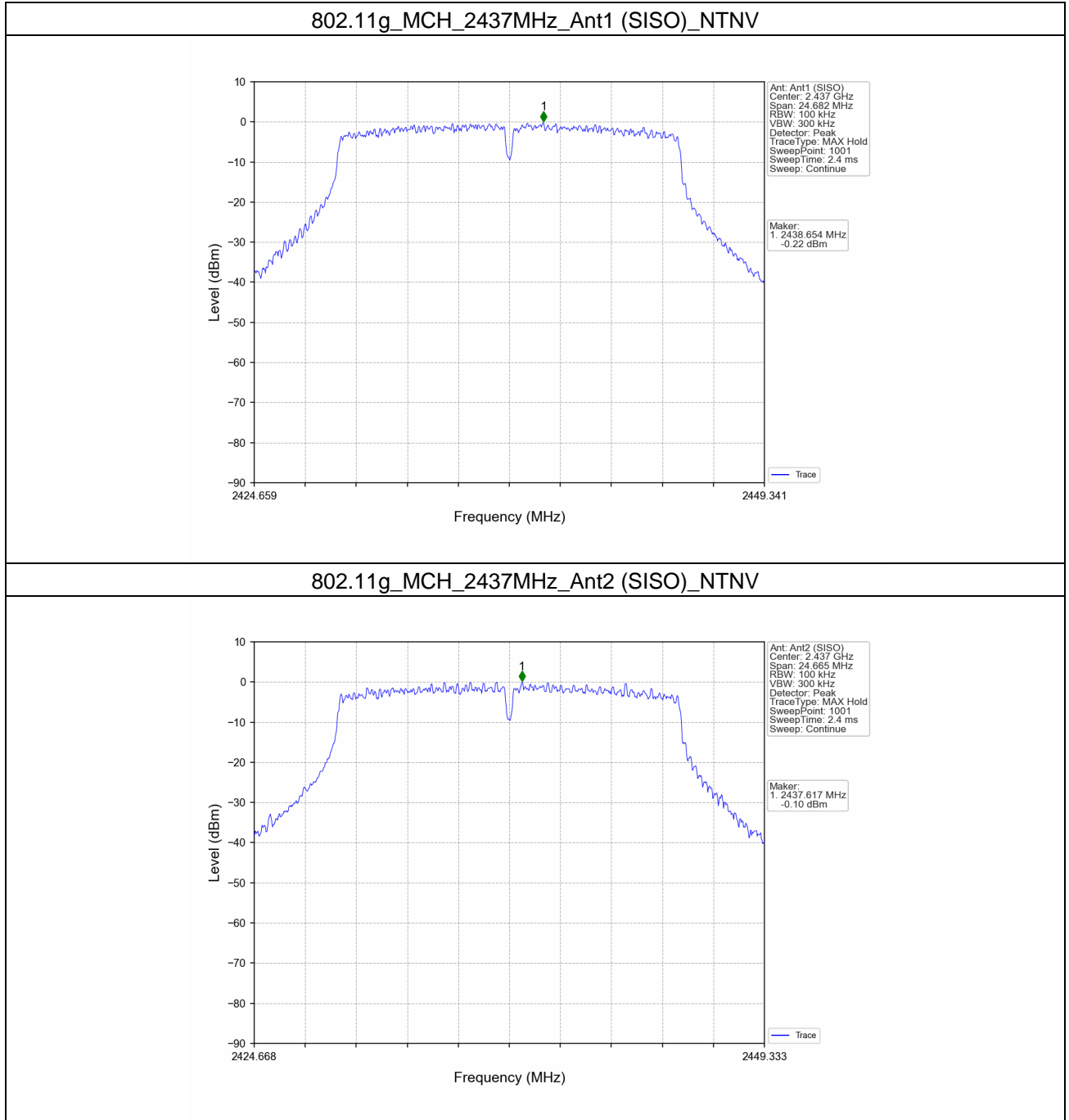
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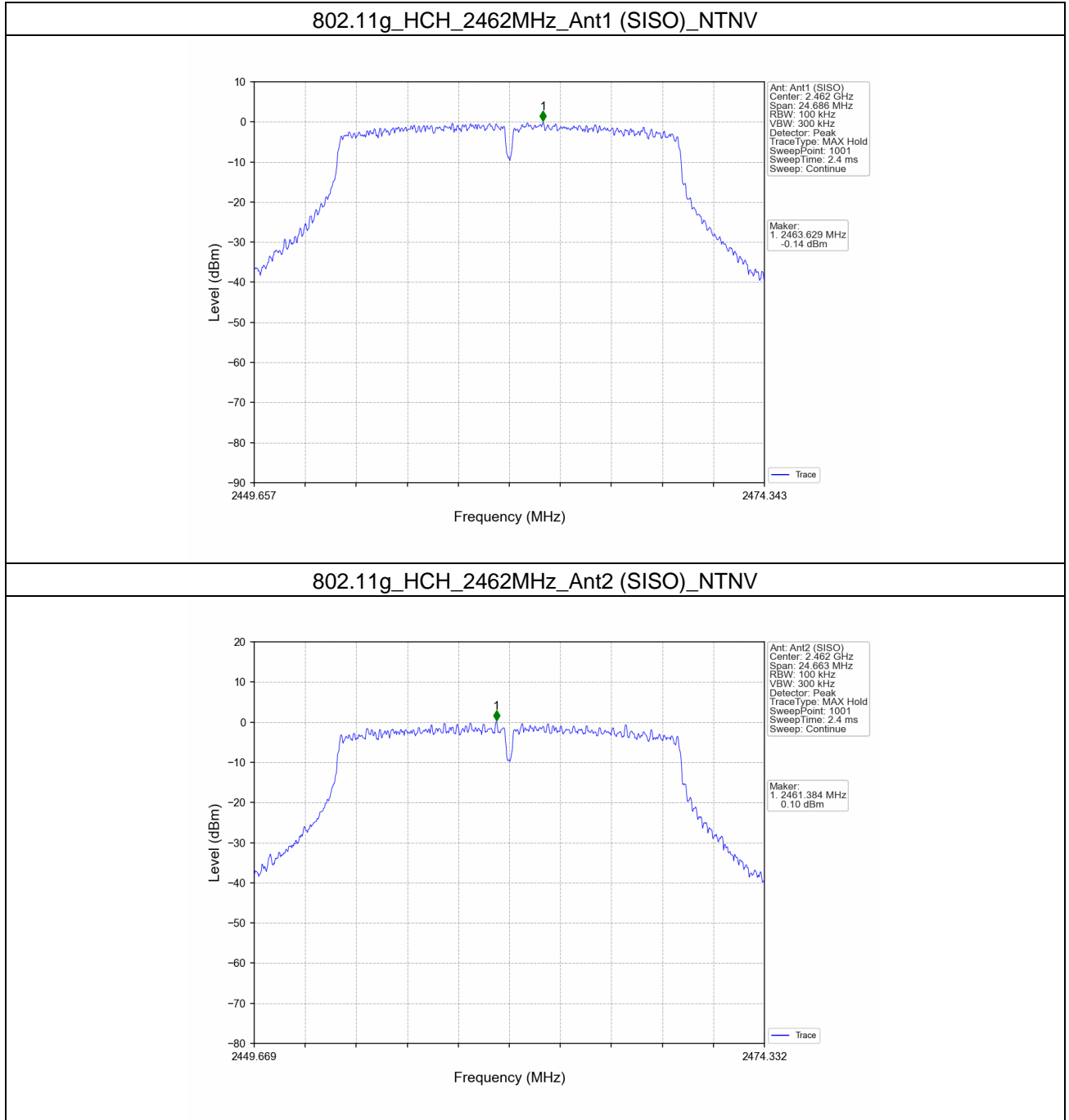


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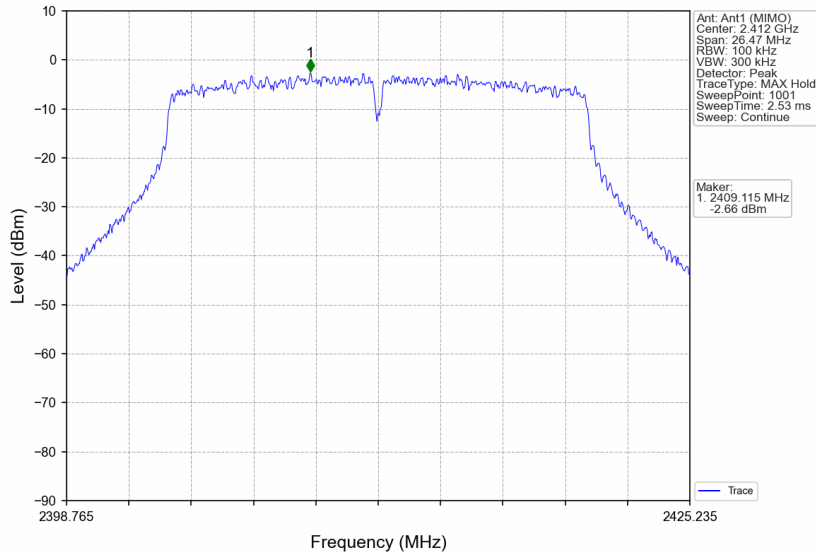
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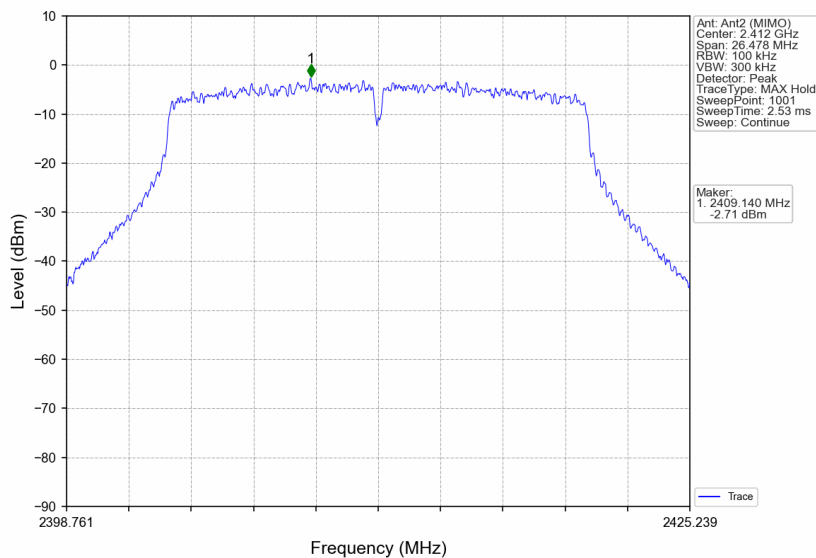
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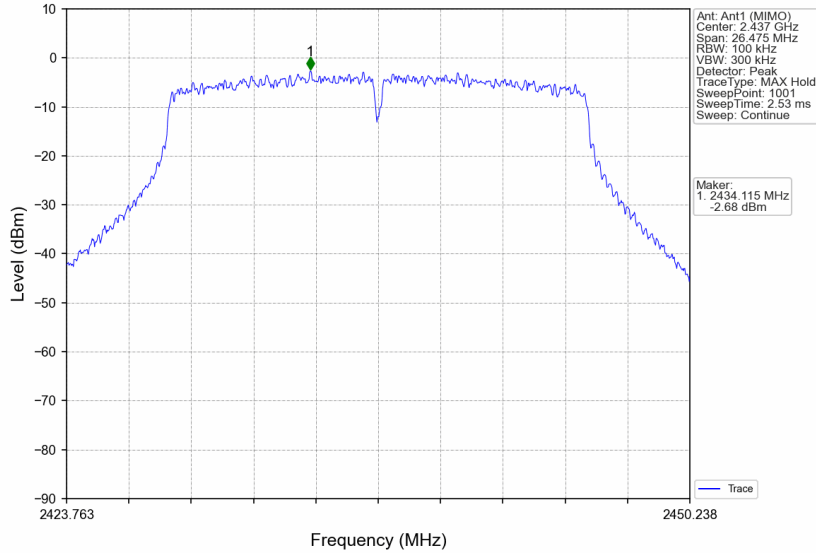
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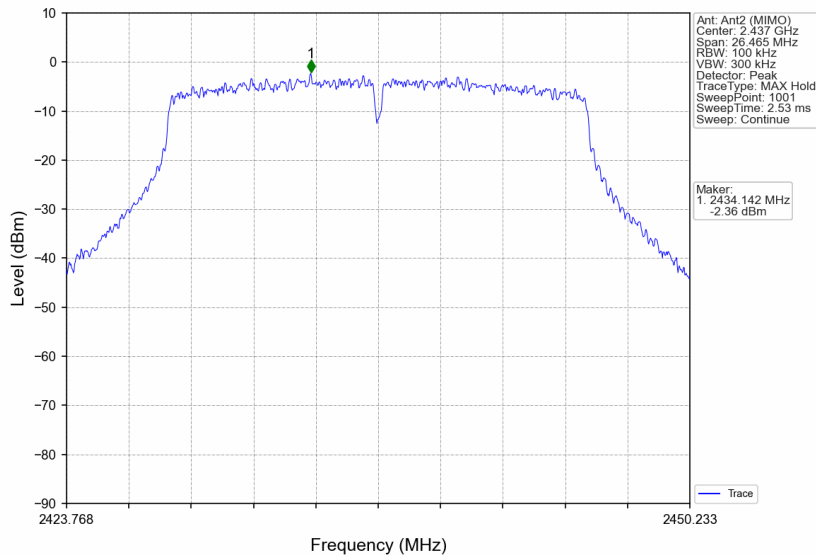
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802.11n(HT20)_MCH_2437MHz_Ant1 (MIMO)_NTNV



802.11n(HT20)_MCH_2437MHz_Ant2 (MIMO)_NTNV



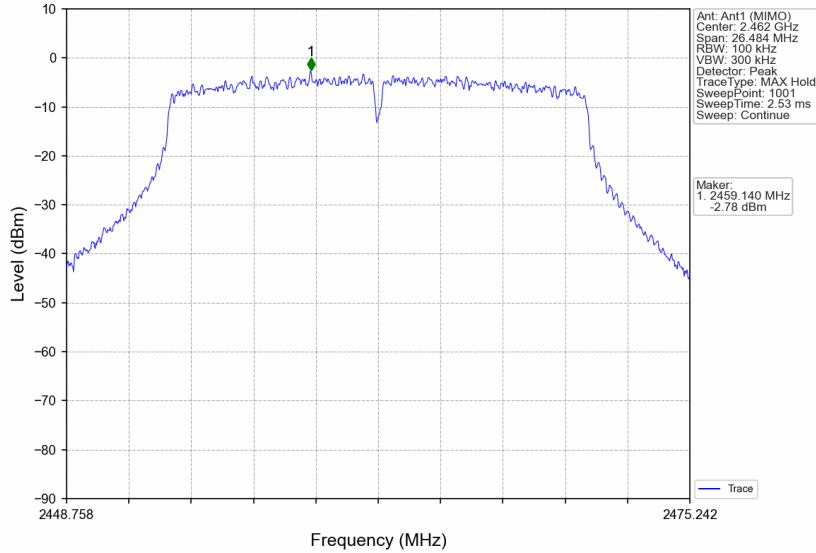
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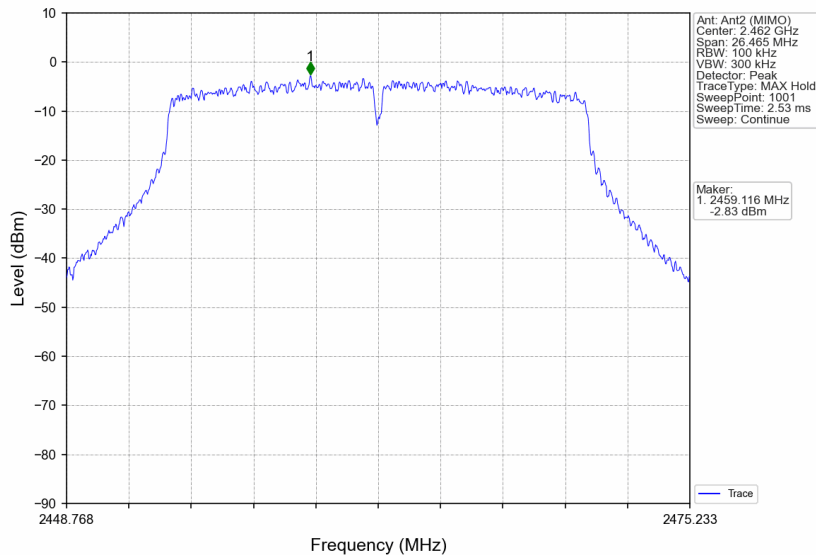
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802.11n(HT20)_HCH_2462MHz_Ant1 (MIMO)_NTNV



802.11n(HT20)_HCH_2462MHz_Ant2 (MIMO)_NTNV



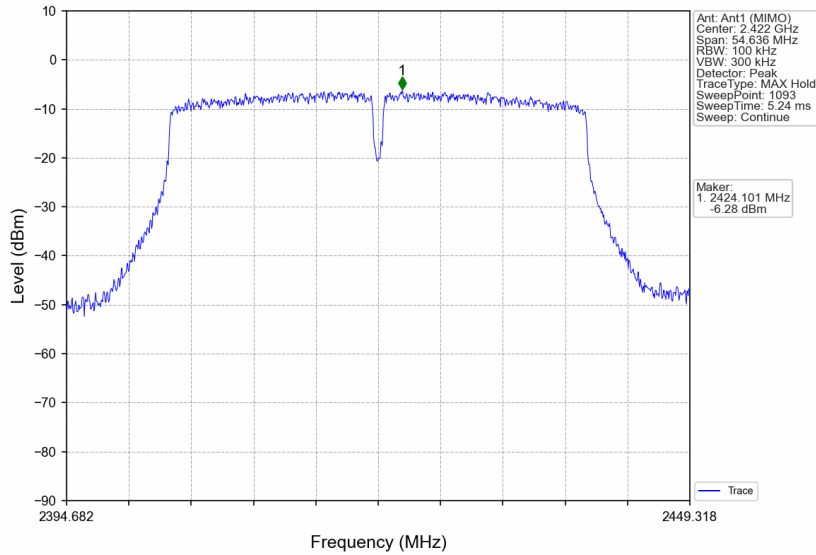
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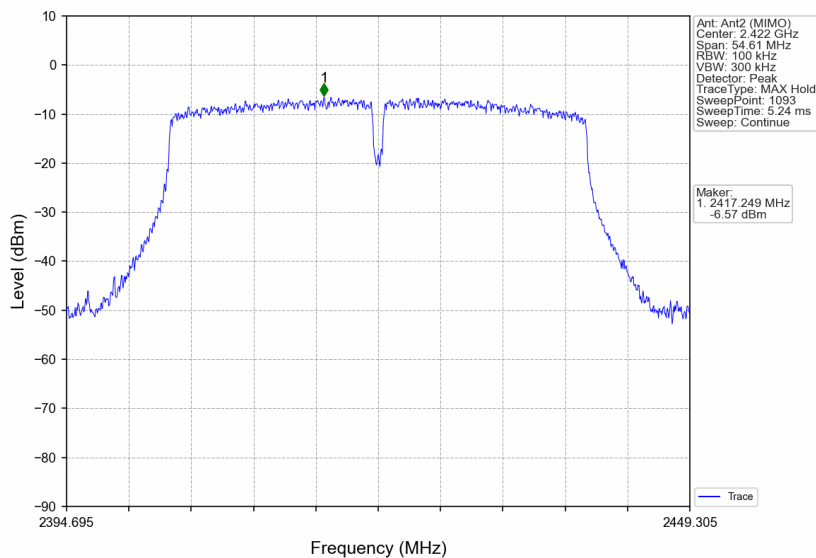
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802.11n(HT40)_LCH_2422MHz_Ant1 (MIMO)_NTNV



802.11n(HT40)_LCH_2422MHz_Ant2 (MIMO)_NTNV



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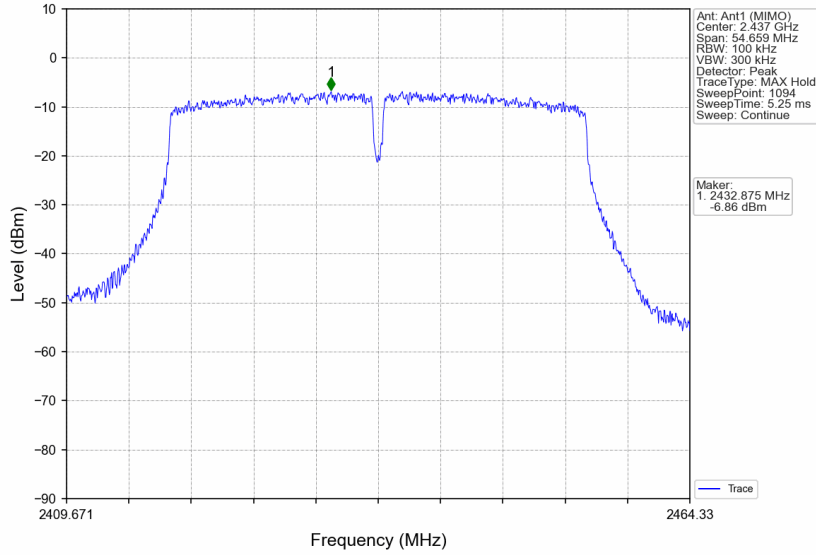
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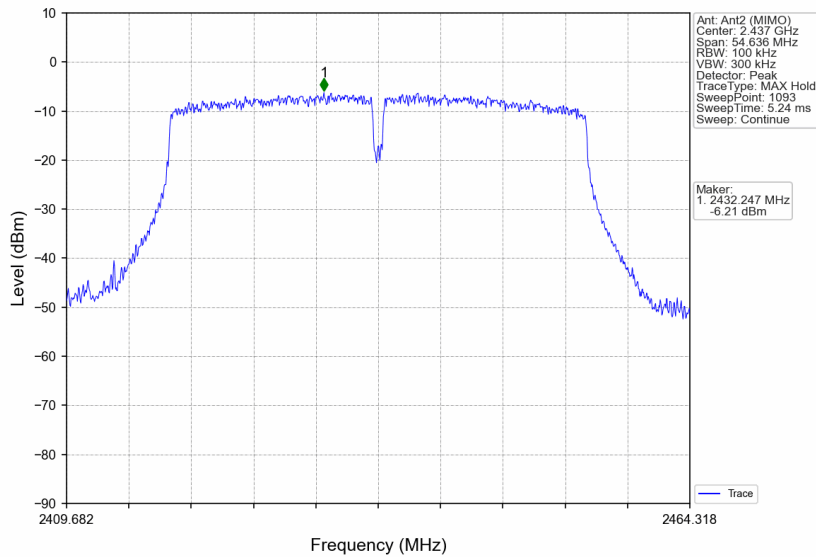
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802.11n(HT40)_MCH_2437MHz_Ant1 (MIMO)_NTNV



802.11n(HT40)_MCH_2437MHz_Ant2 (MIMO)_NTNV



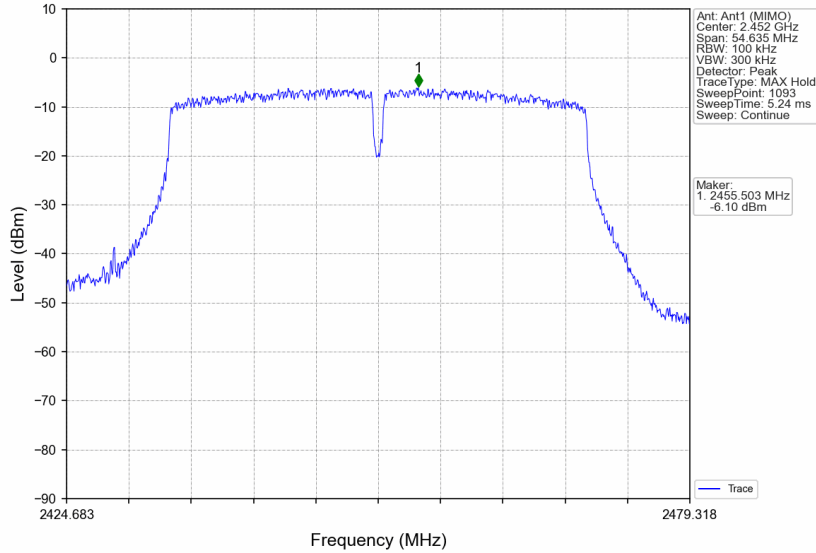
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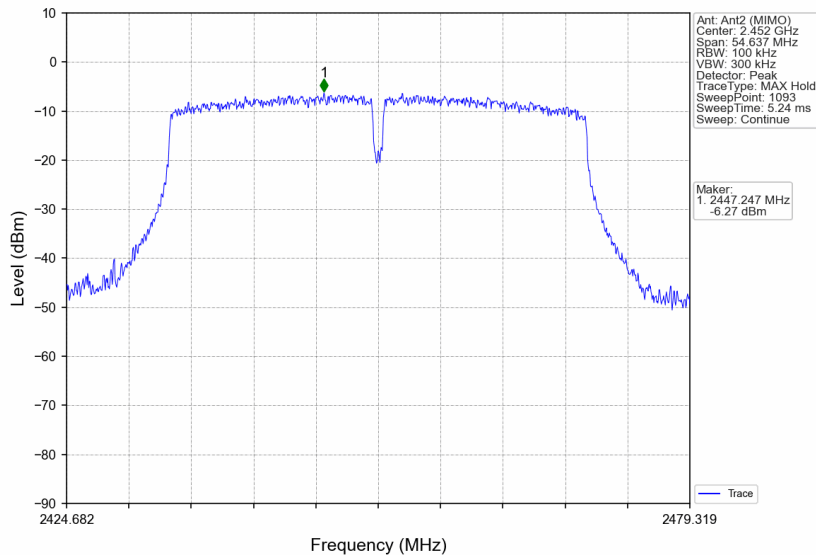
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802.11n(HT40)_HCH_2452MHz_Ant1 (MIMO)_NTNV



802.11n(HT40)_HCH_2452MHz_Ant2 (MIMO)_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
802.11b	SISO	2412	1	3.24	-26.76	Pass
			2	3.37	-26.63	Pass
		2437	1	3.24	-26.76	Pass
			2	3.37	-26.63	Pass
		2462	1	3.24	-26.76	Pass
			2	3.37	-26.63	Pass
802.11g	SISO	2412	1	-0.14	-30.14	Pass
			2	0.10	-29.90	Pass
		2437	1	-0.14	-30.14	Pass
			2	0.10	-29.90	Pass
		2462	1	-0.14	-30.14	Pass
			2	0.10	-29.90	Pass
802.11n (HT20)	MIMO	2412	1	-2.66	-32.66	Pass
			2	-2.36	-32.36	Pass
		2437	1	-2.66	-32.66	Pass
			2	-2.36	-32.36	Pass
		2462	1	-2.66	-32.66	Pass
			2	-2.36	-32.36	Pass
802.11n (HT40)	MIMO	2422	1	-6.10	-36.10	Pass
			2	-6.21	-36.21	Pass
		2437	1	-6.10	-36.10	Pass
			2	-6.21	-36.21	Pass
		2452	1	-6.10	-36.10	Pass
			2	-6.21	-36.21	Pass

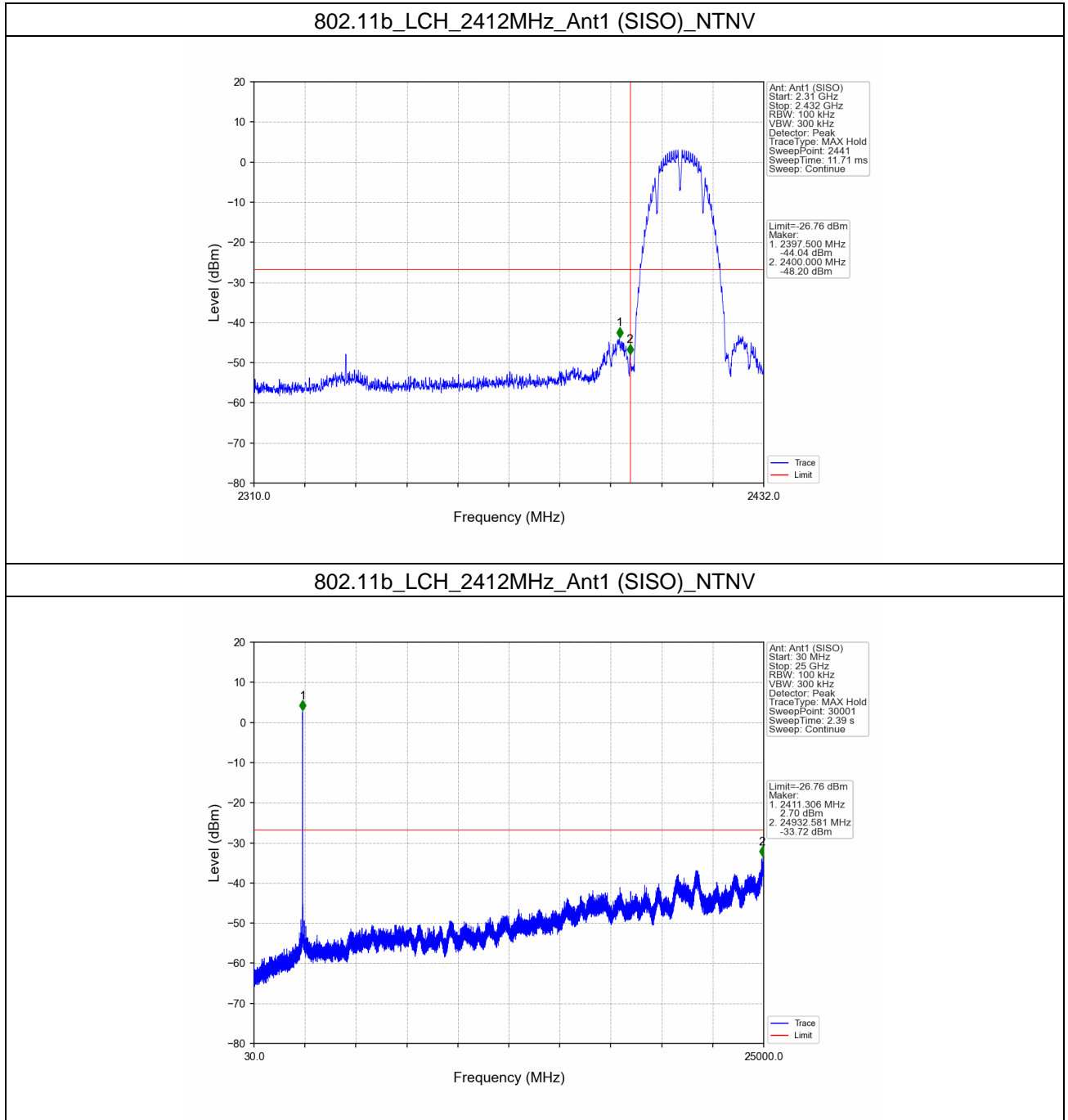
Note1: Refer to FCC Part 15.247 (d) and ANSI C63.10-2013, the channel contains the maximum PSD level was used to establish the reference level.



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5.2.2 Test Graph

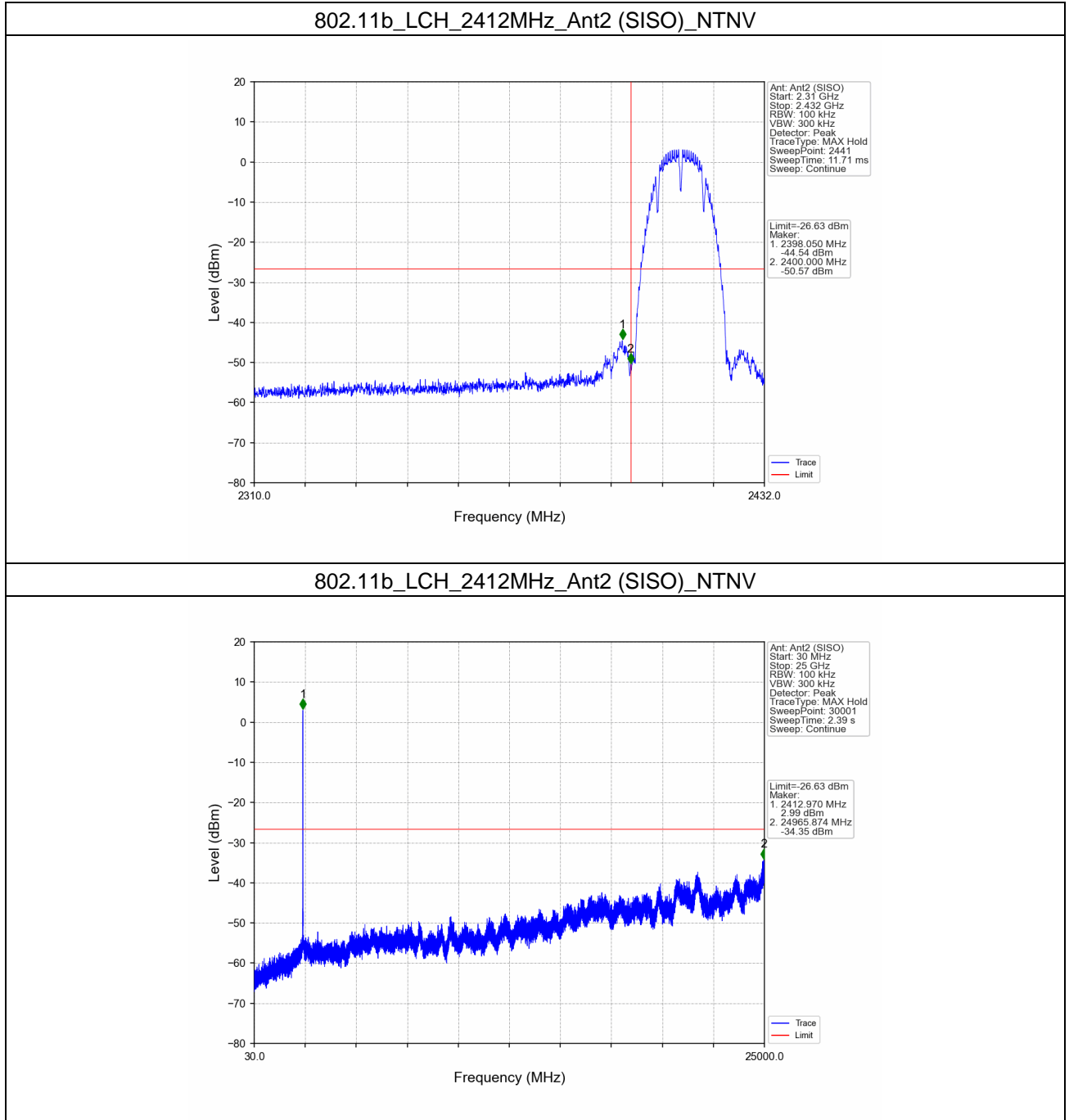


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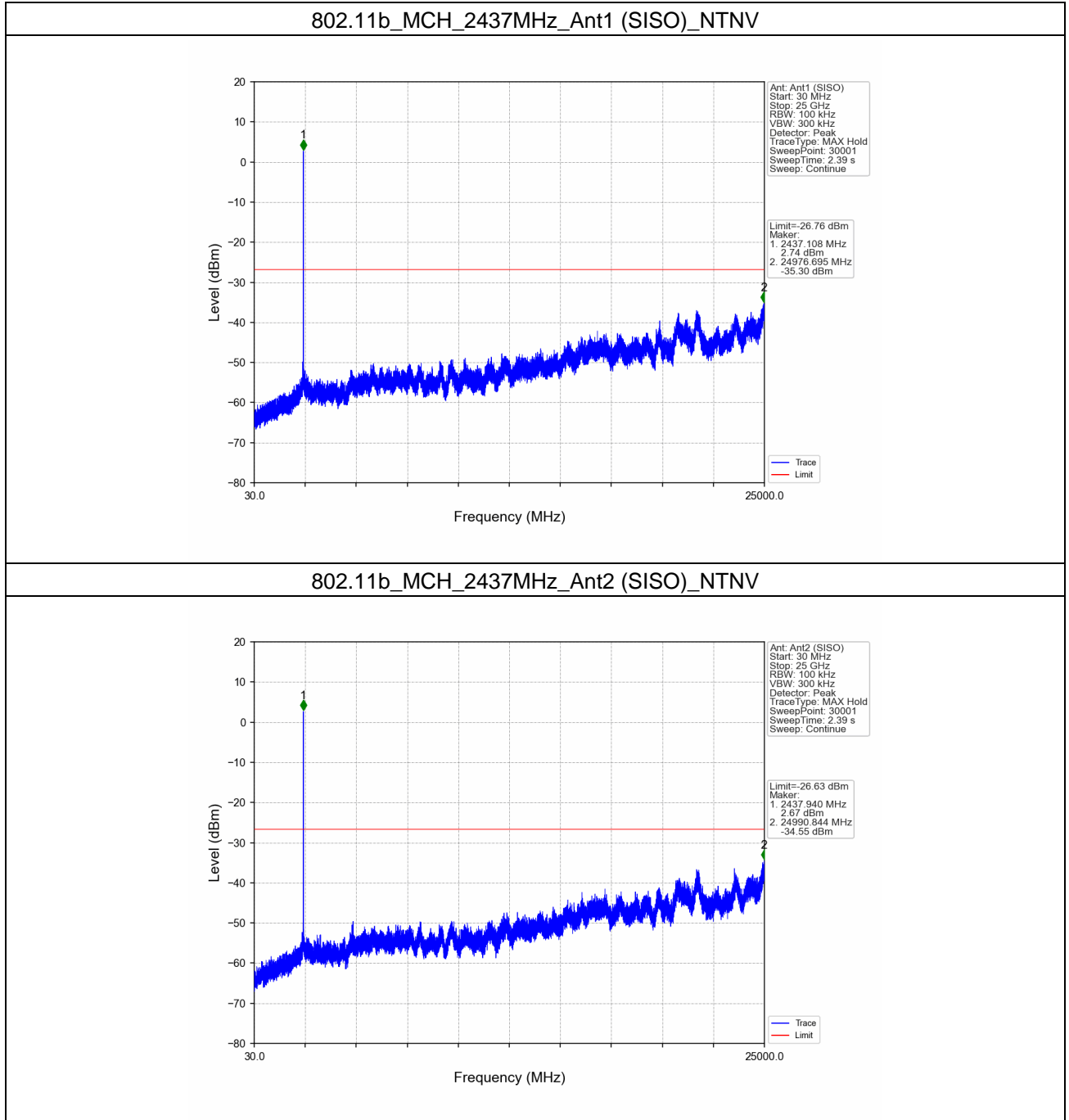
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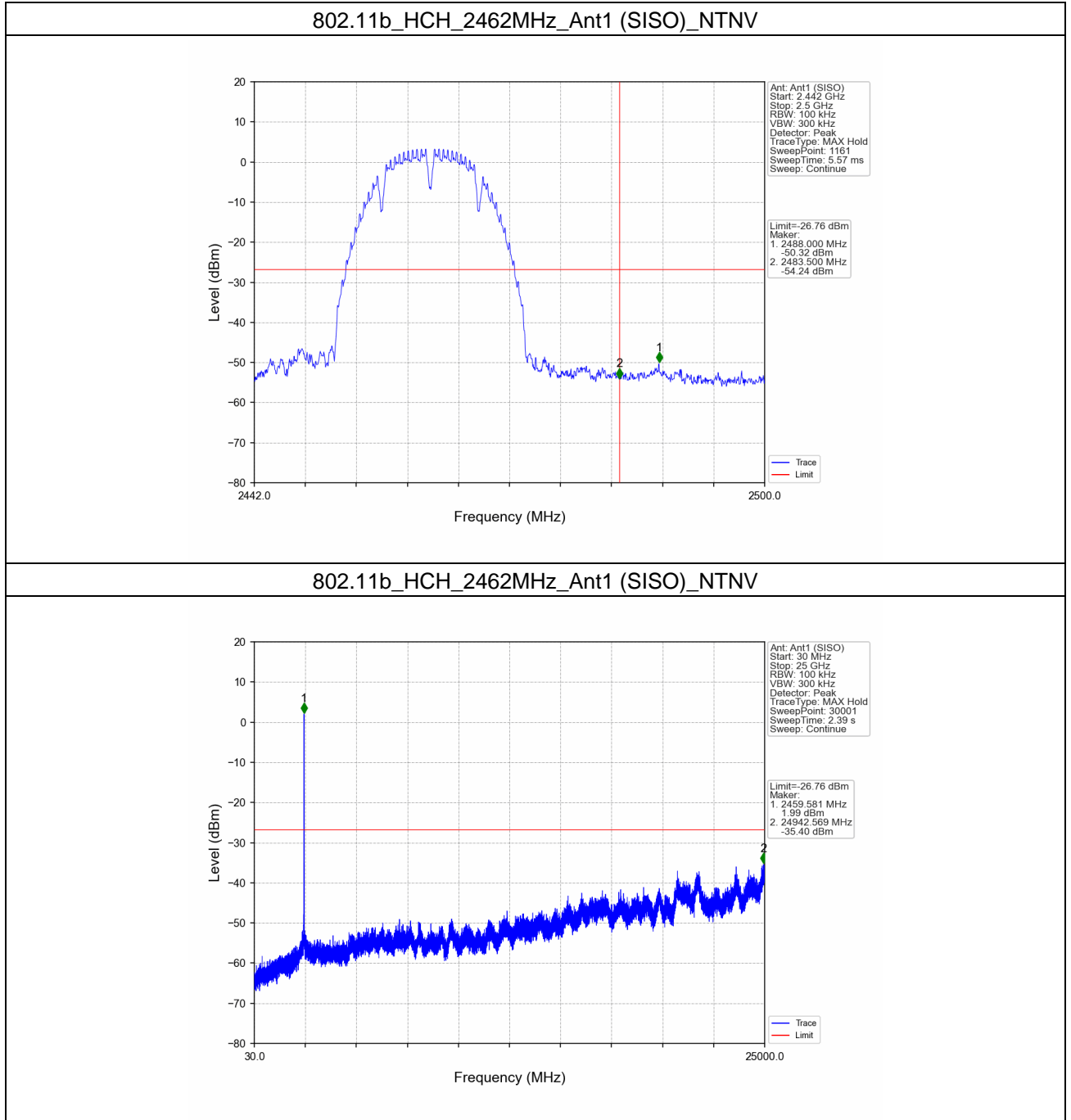
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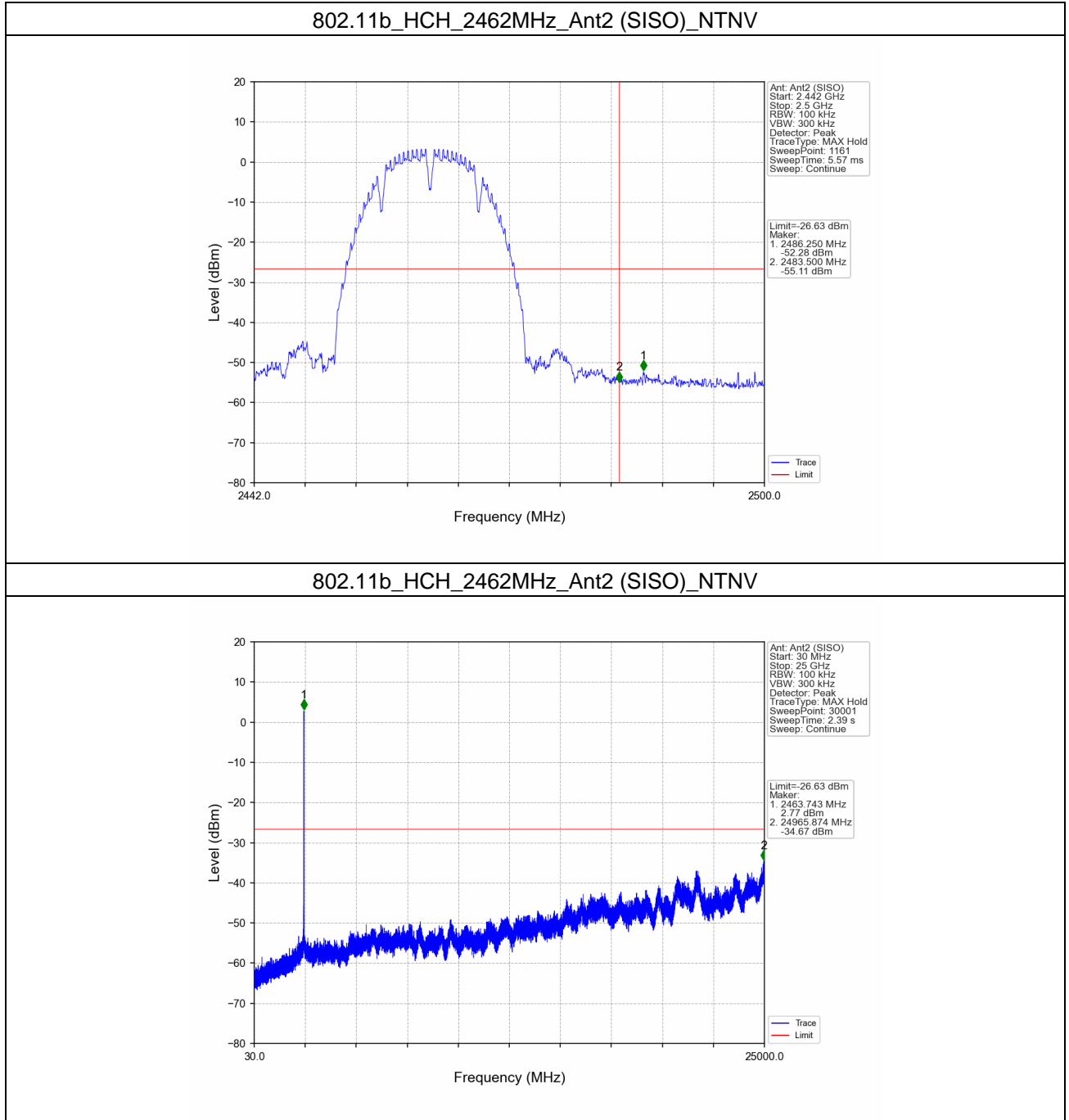


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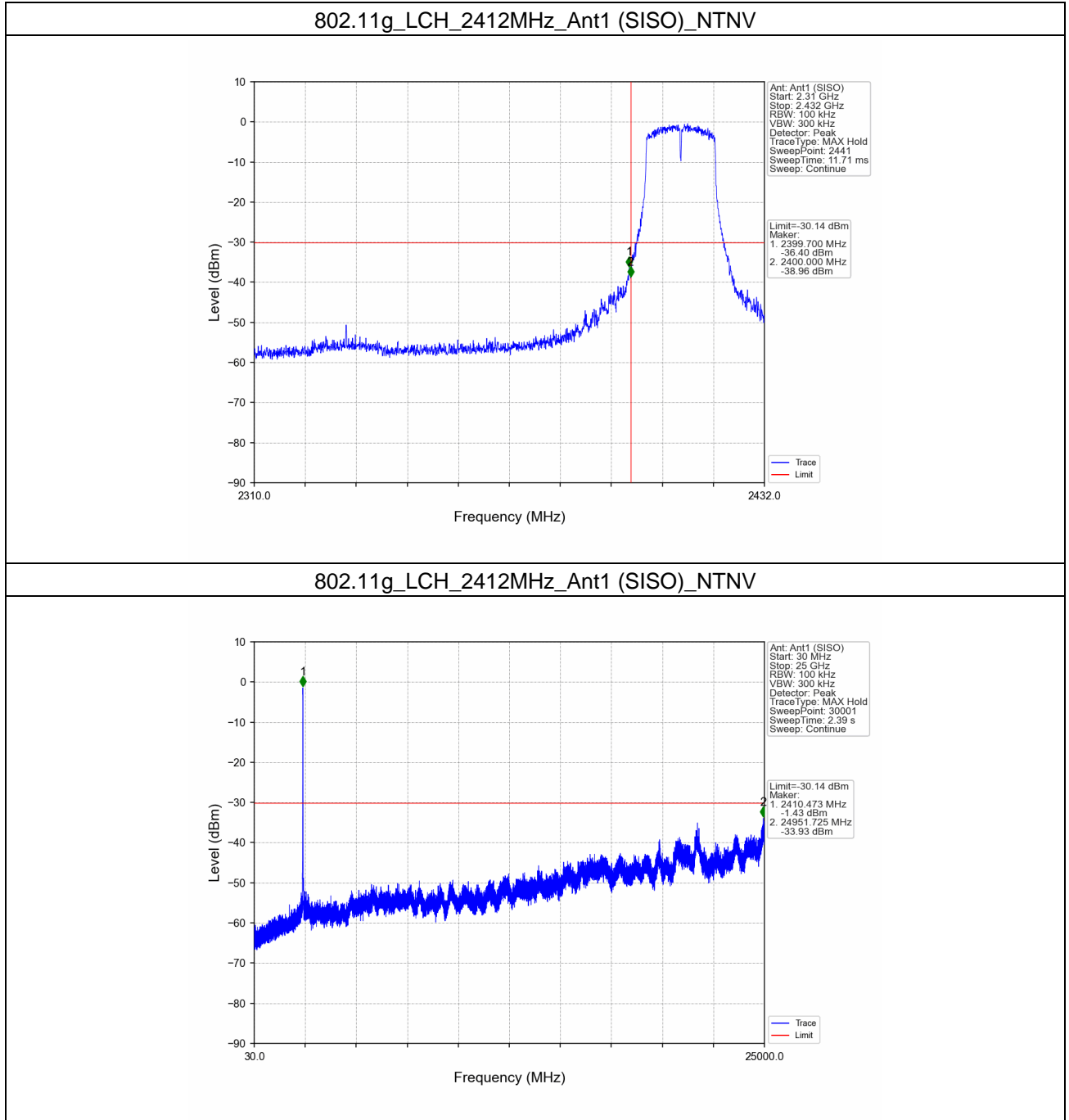


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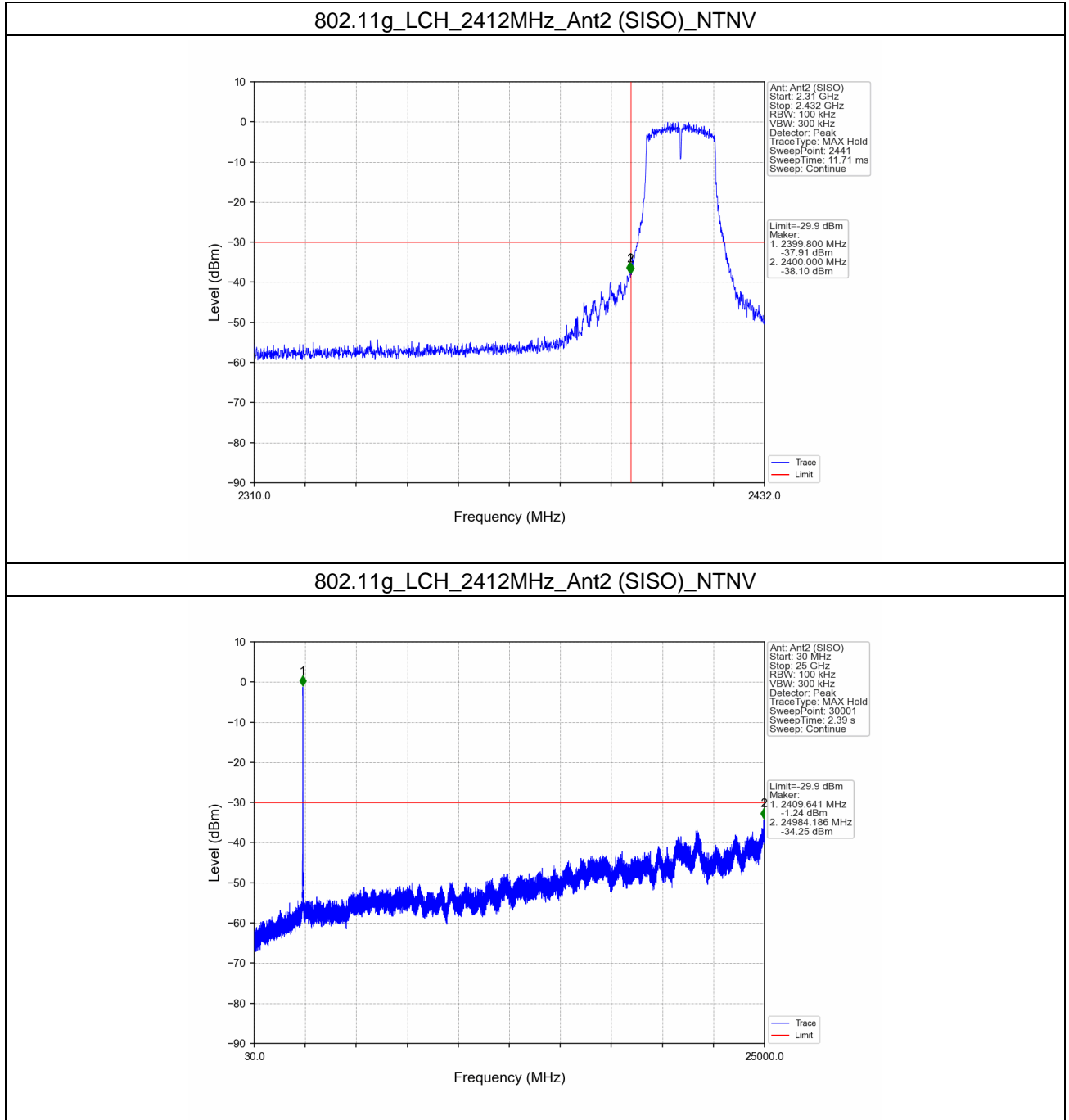
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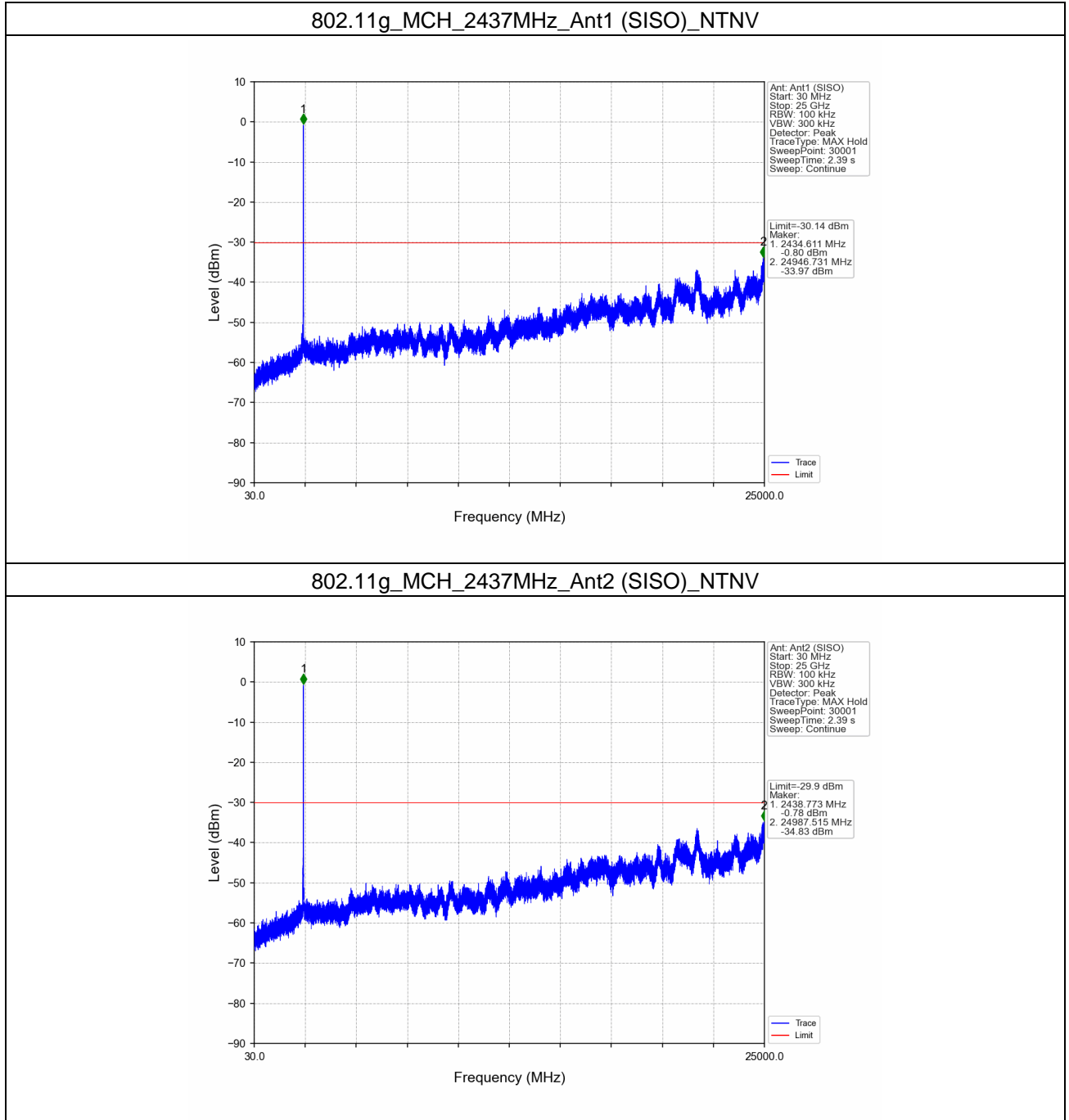
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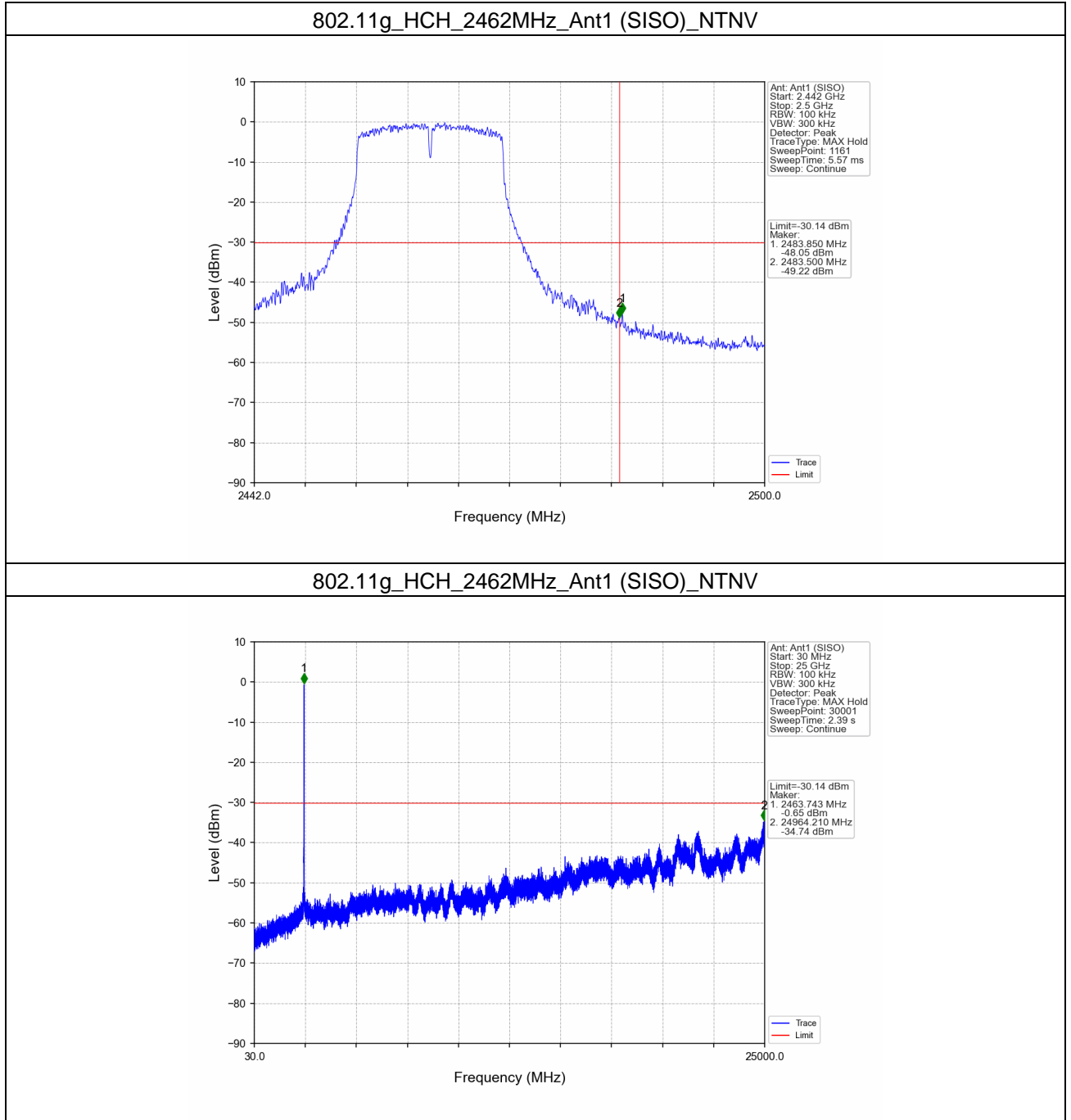


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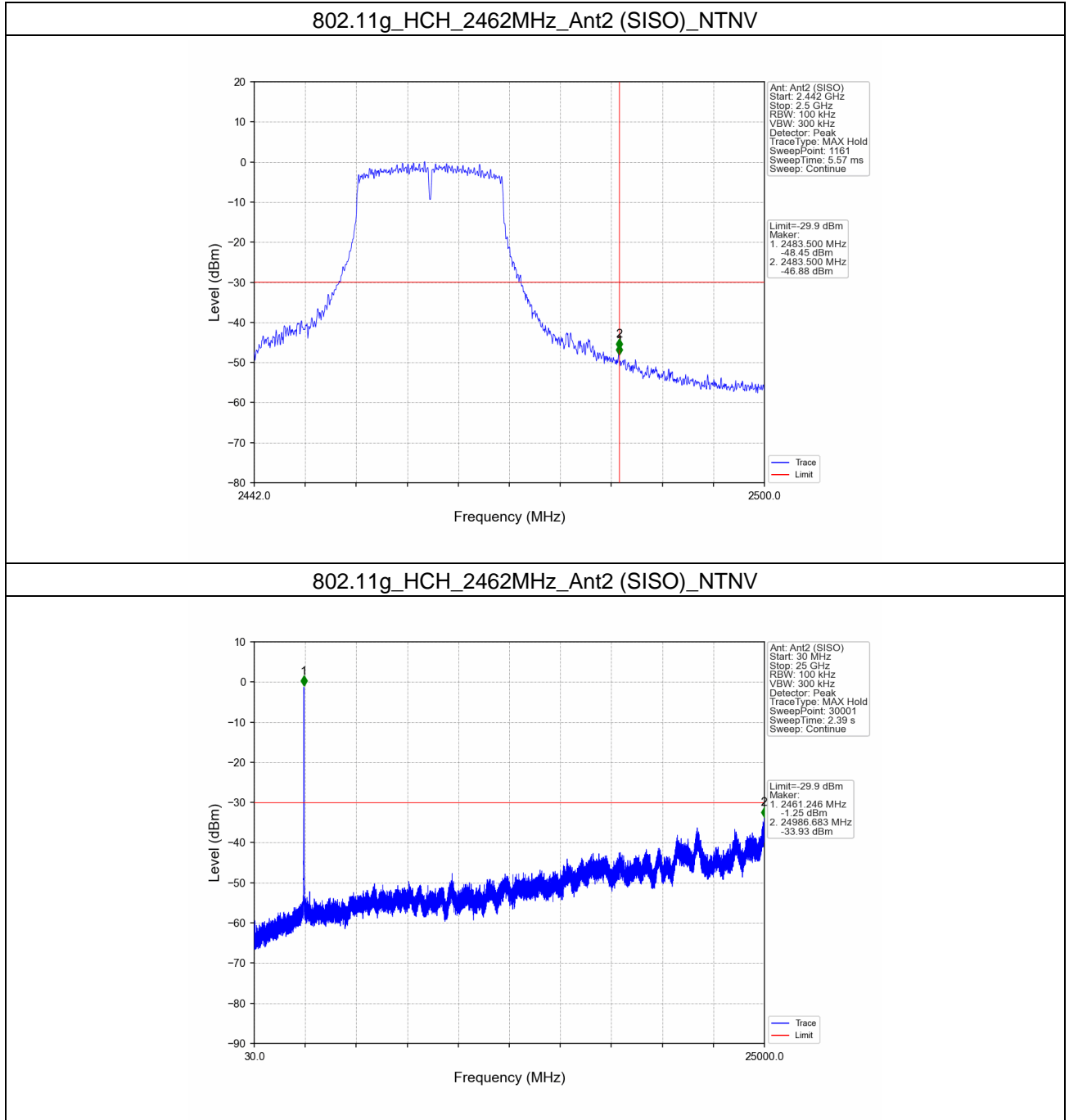


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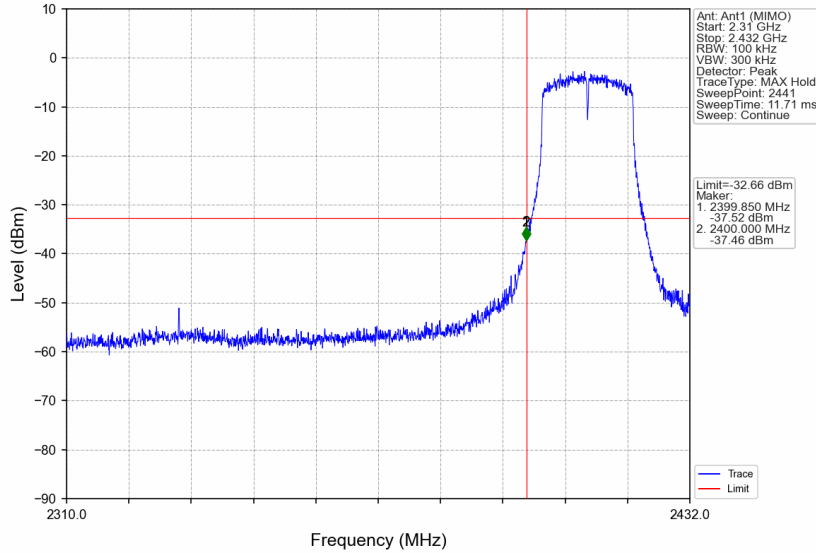
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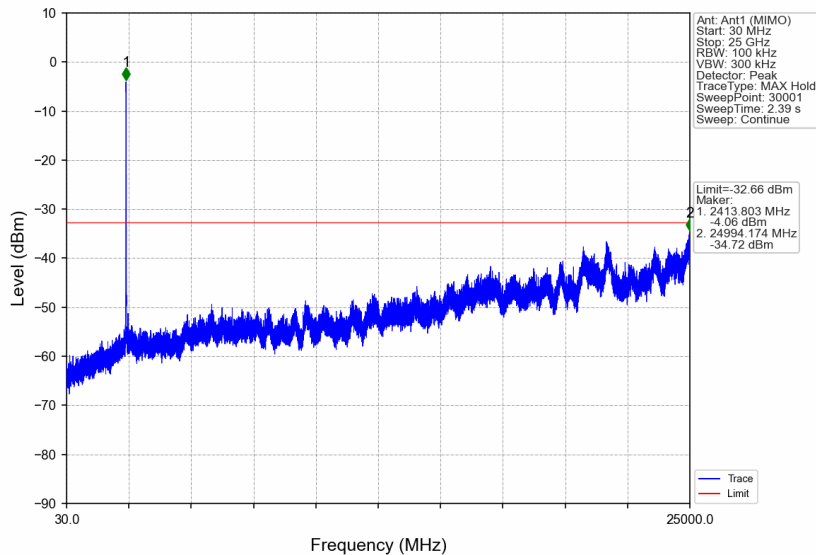
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802.11n(HT20)_LCH_2412MHz_Ant1 (MIMO)_NTNV



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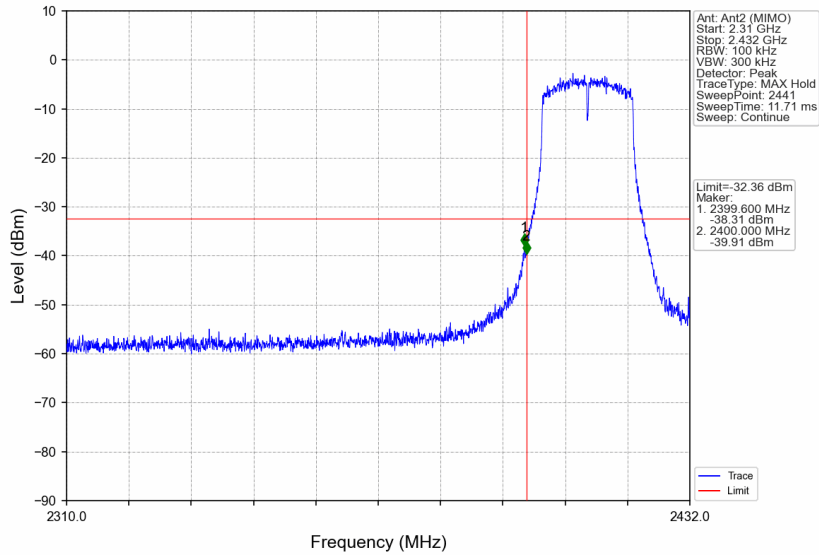


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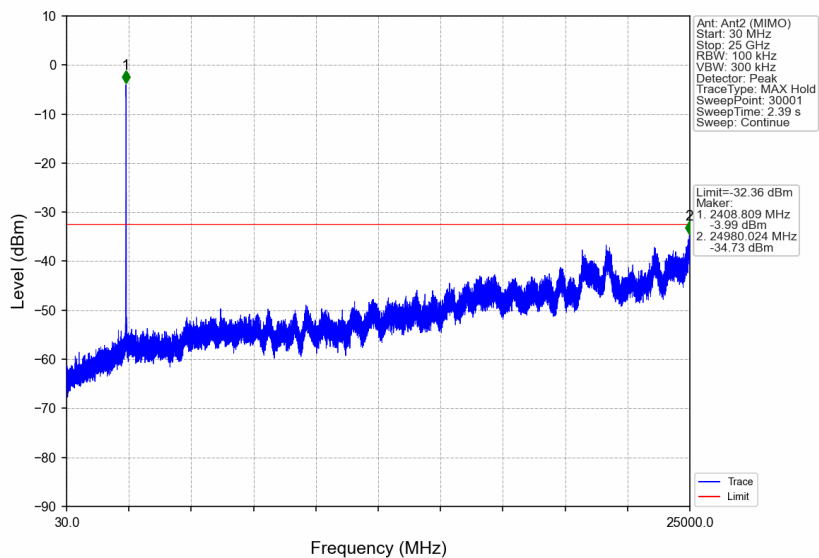
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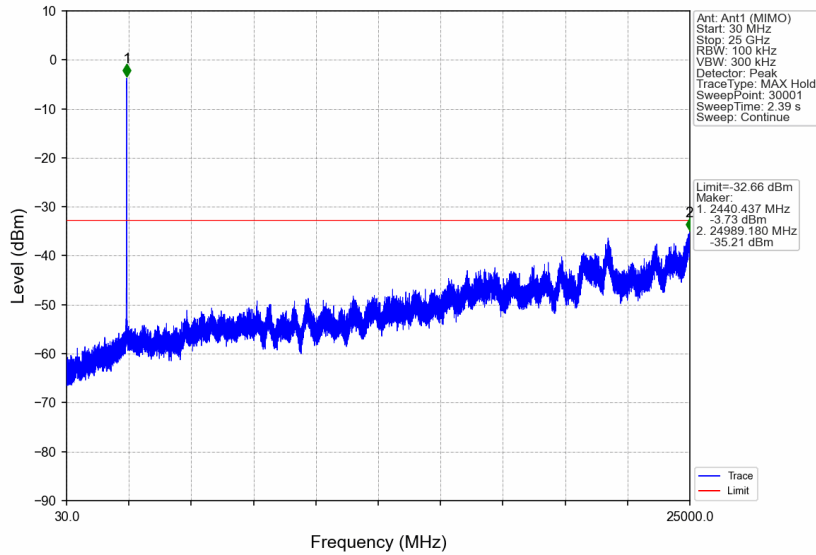
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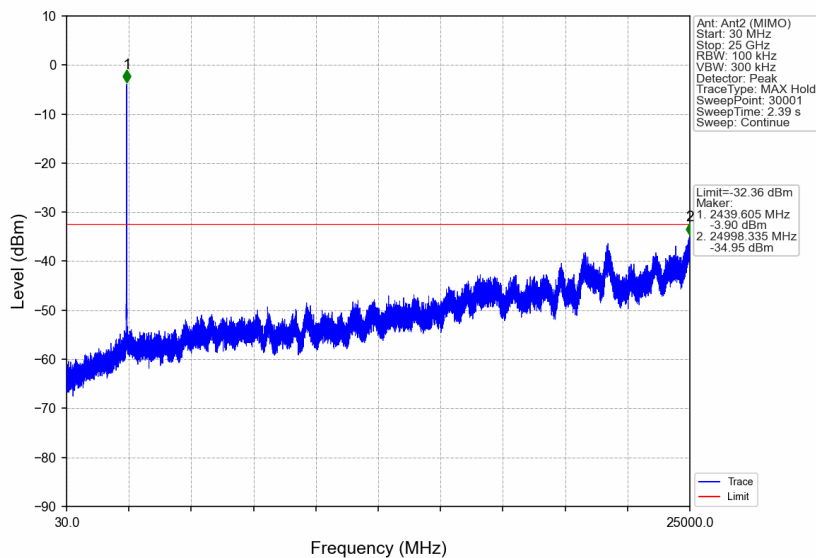
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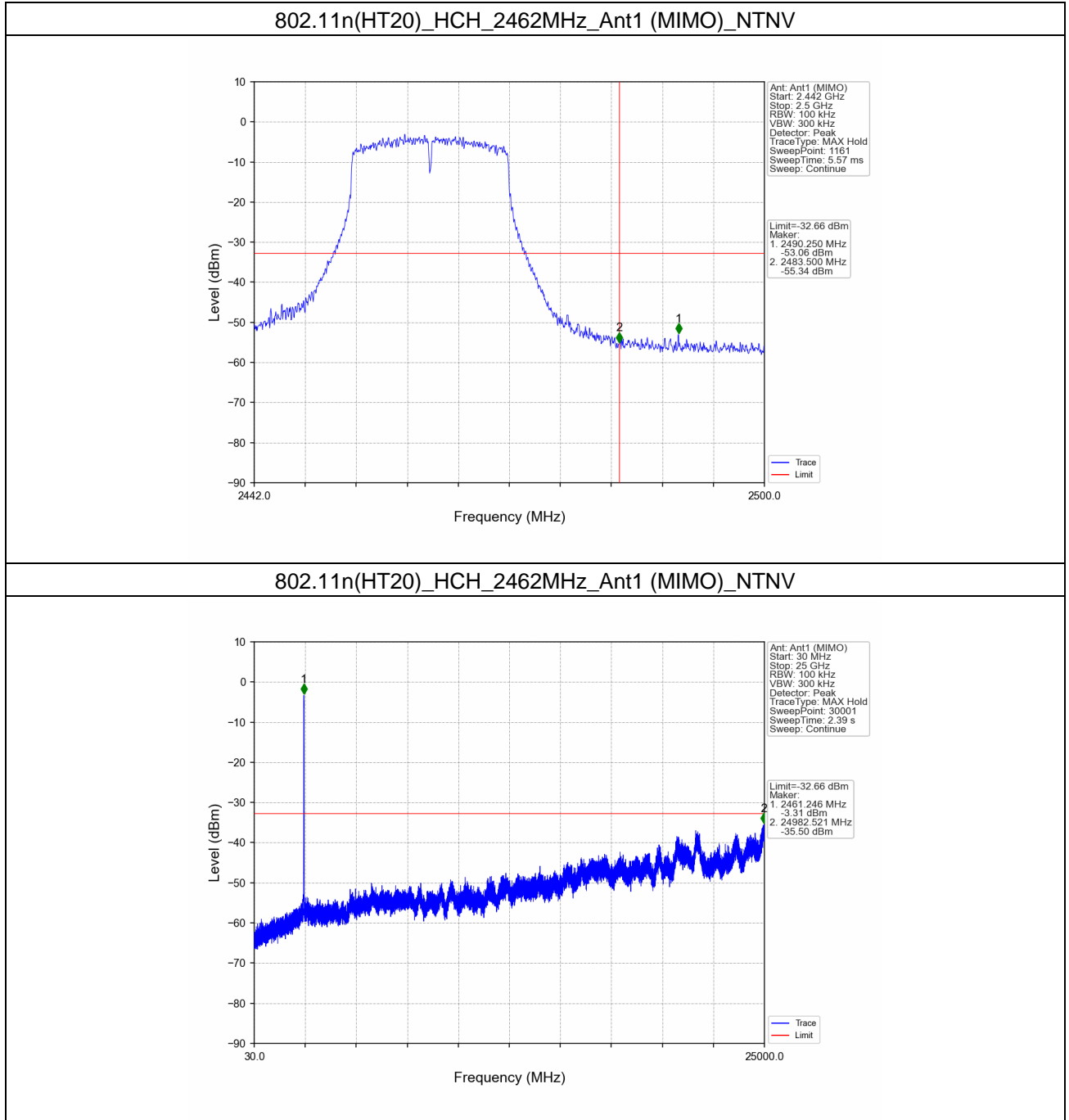


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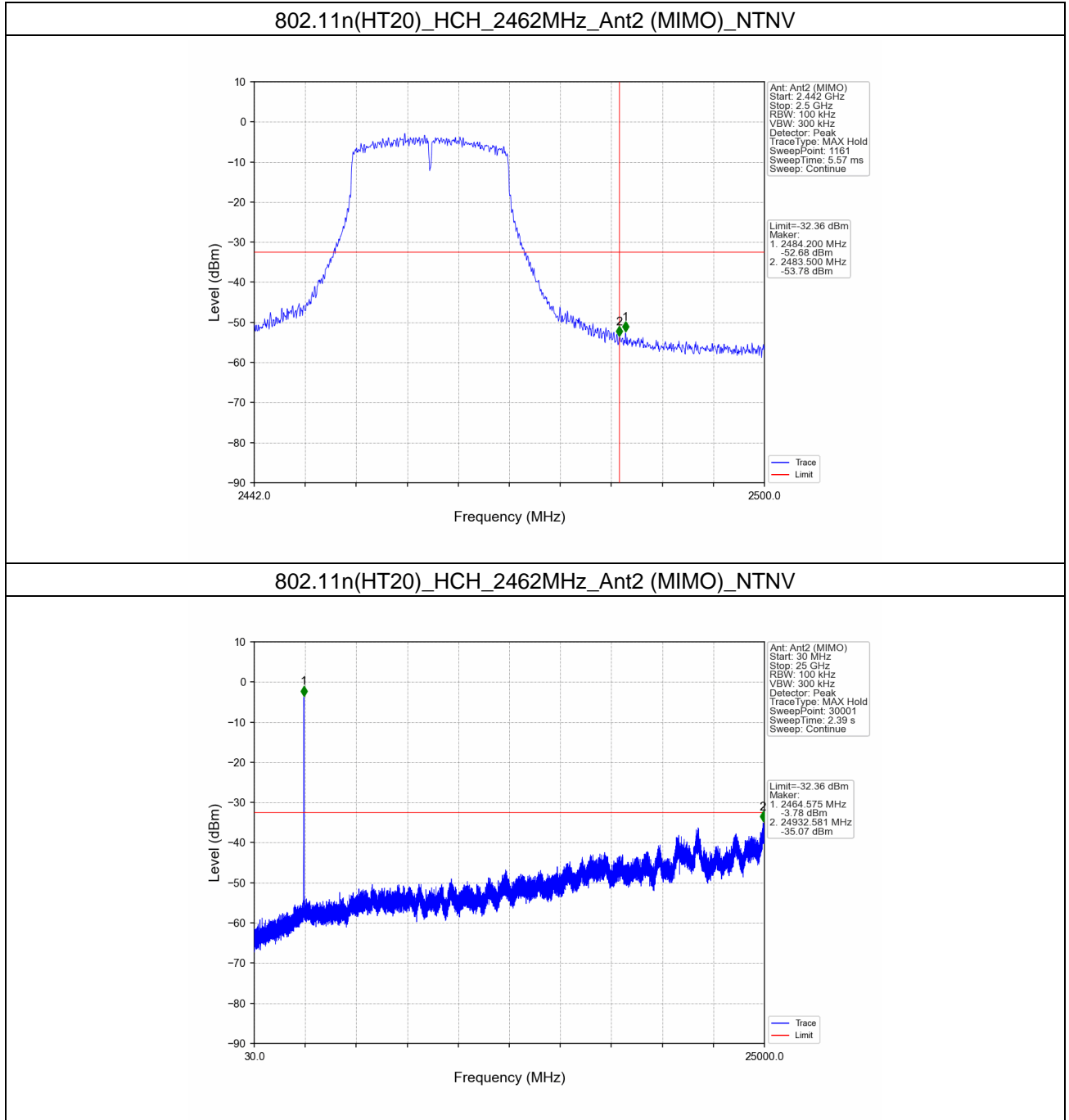


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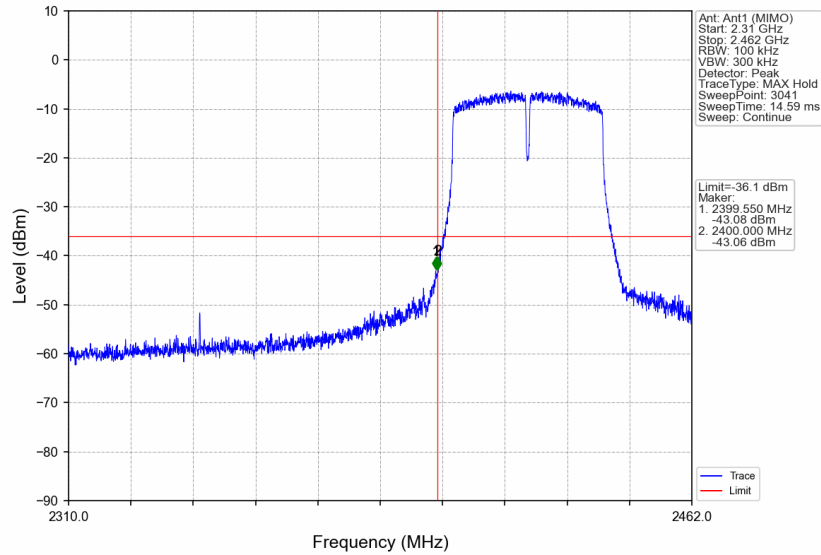
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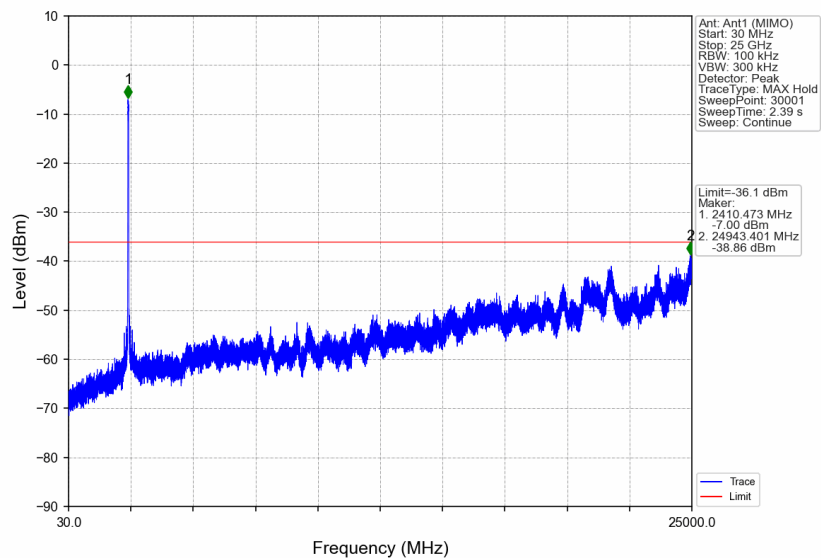
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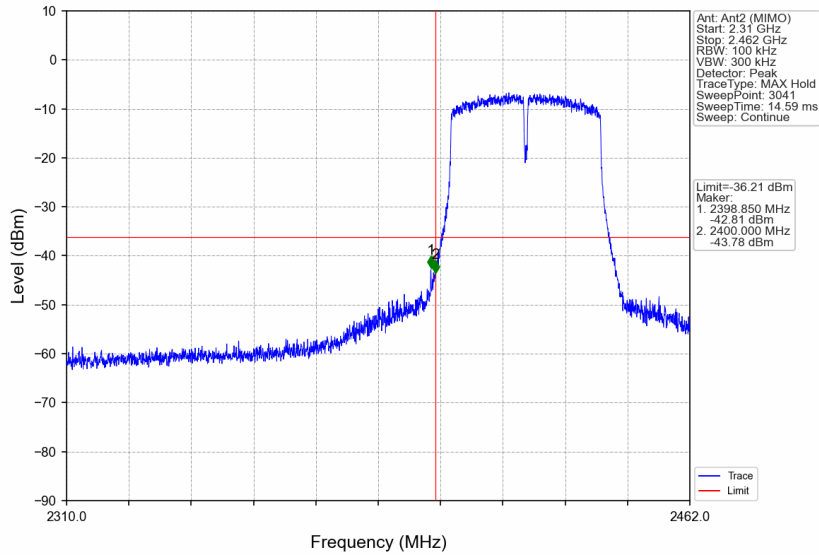
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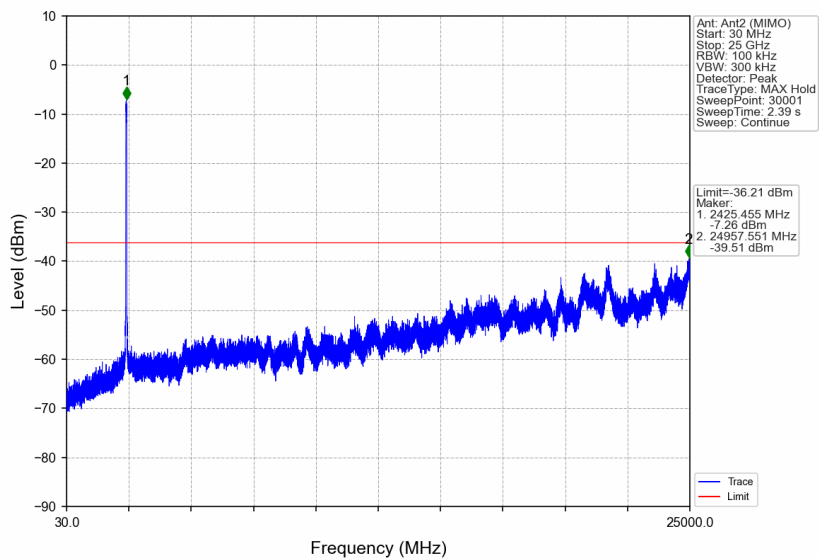
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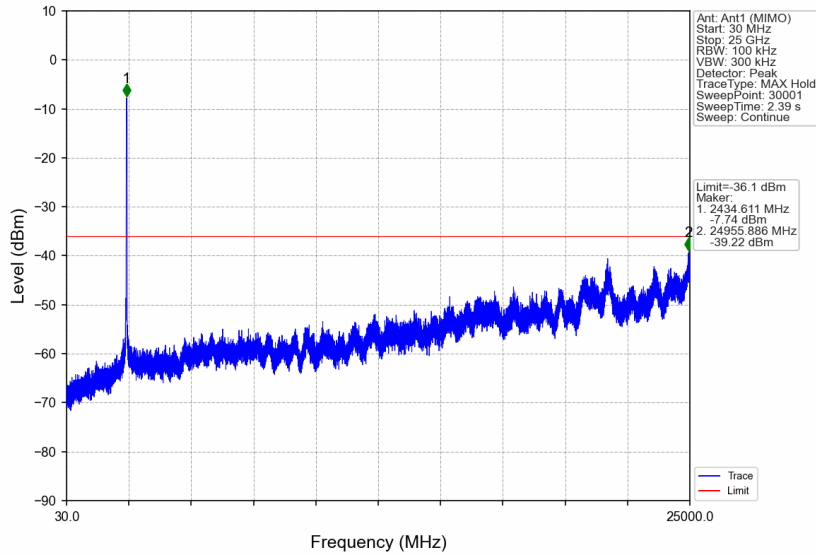
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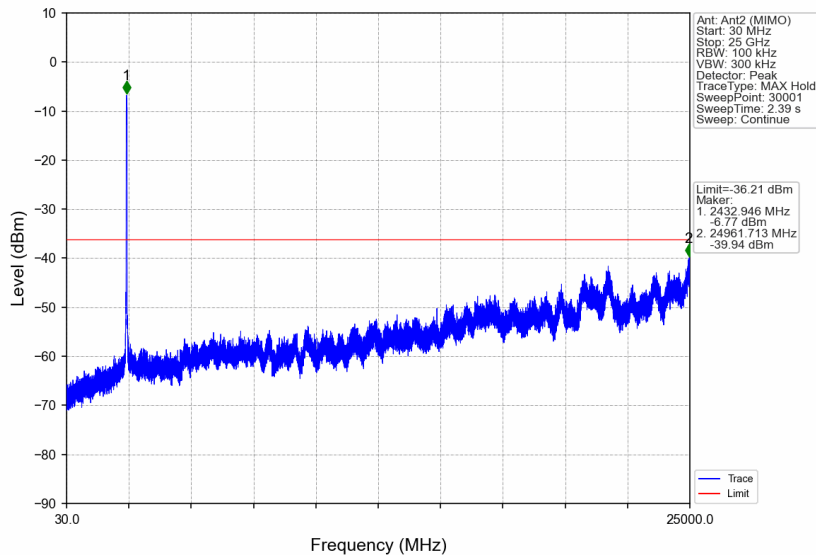
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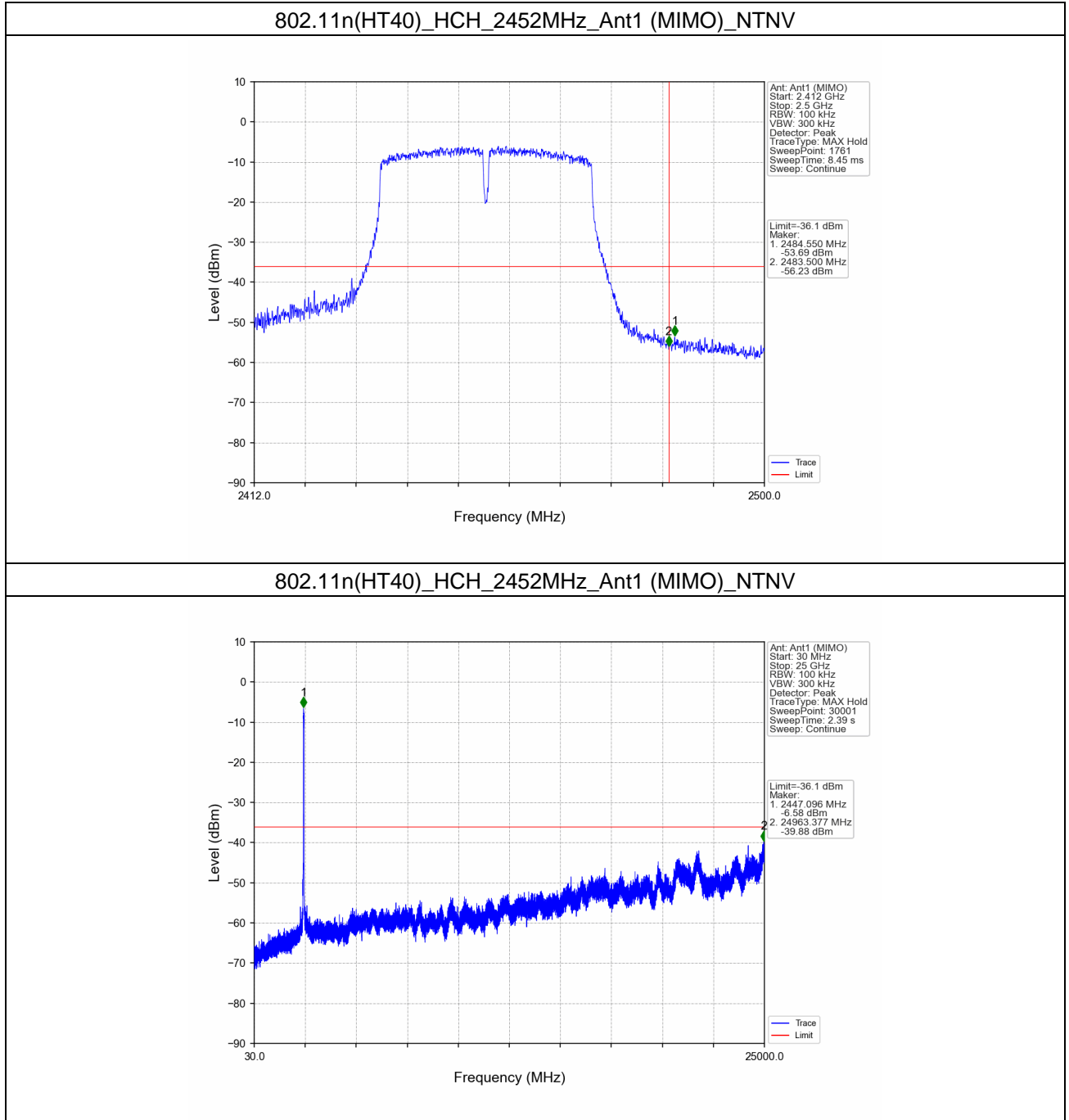
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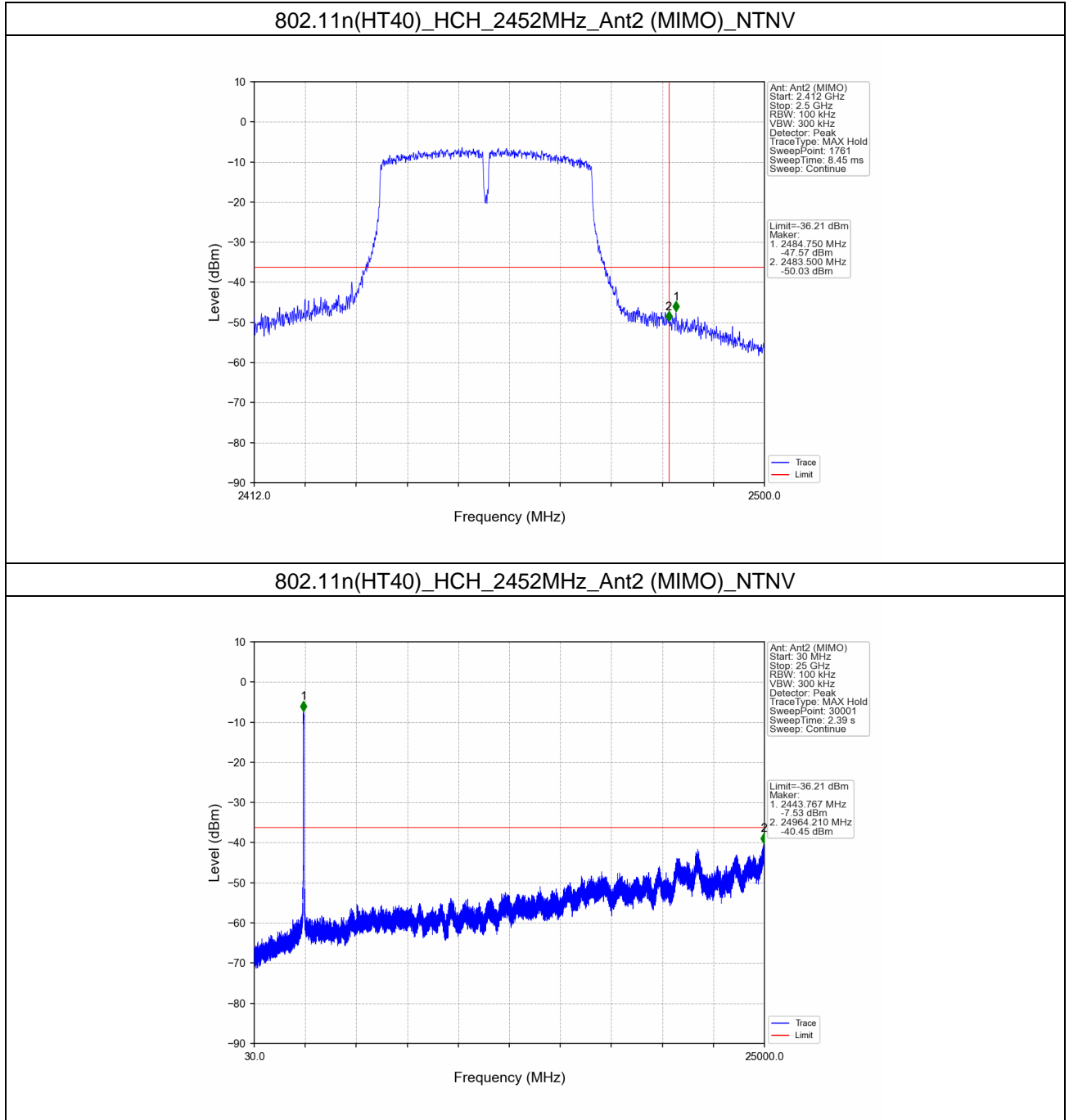


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