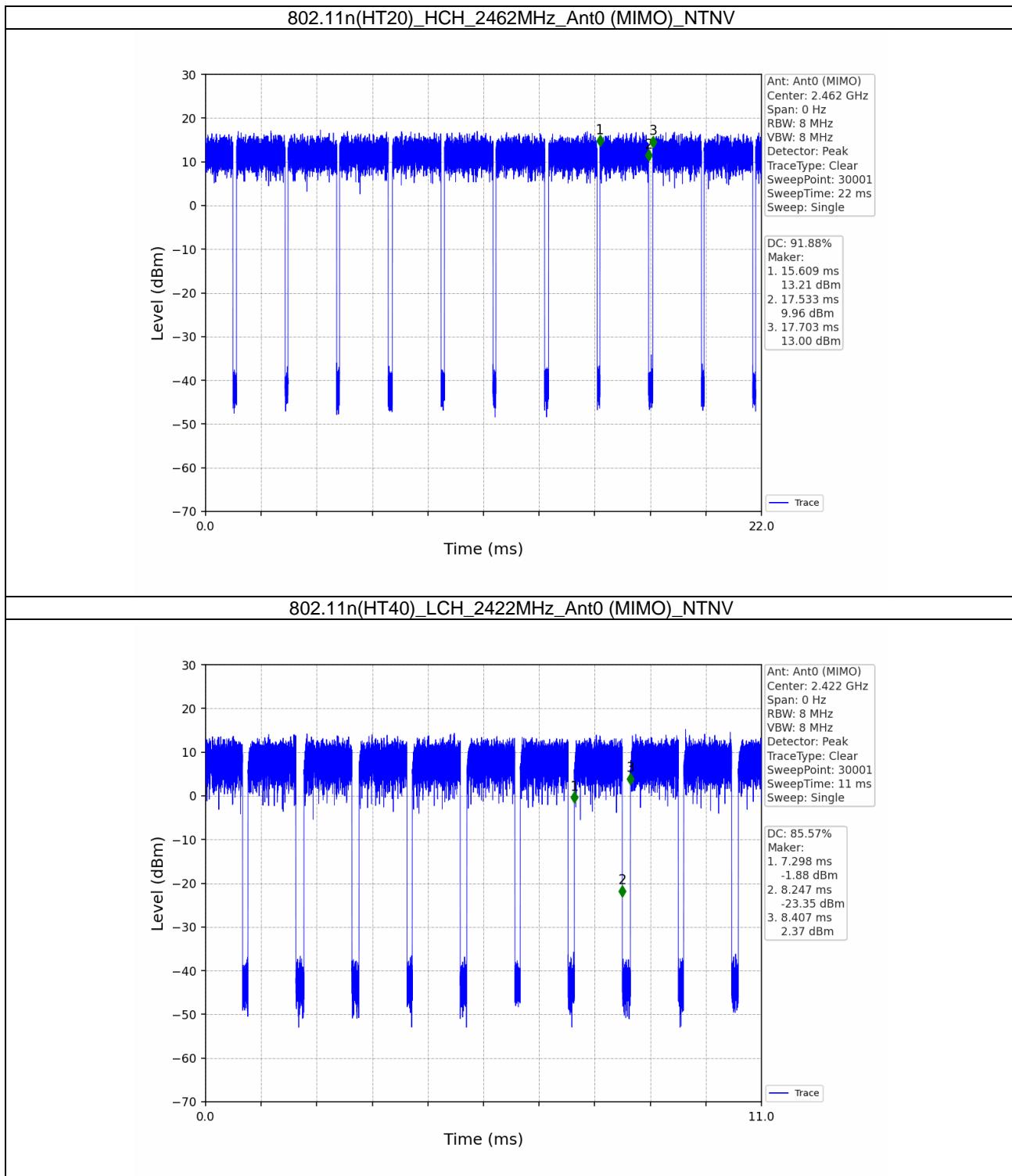


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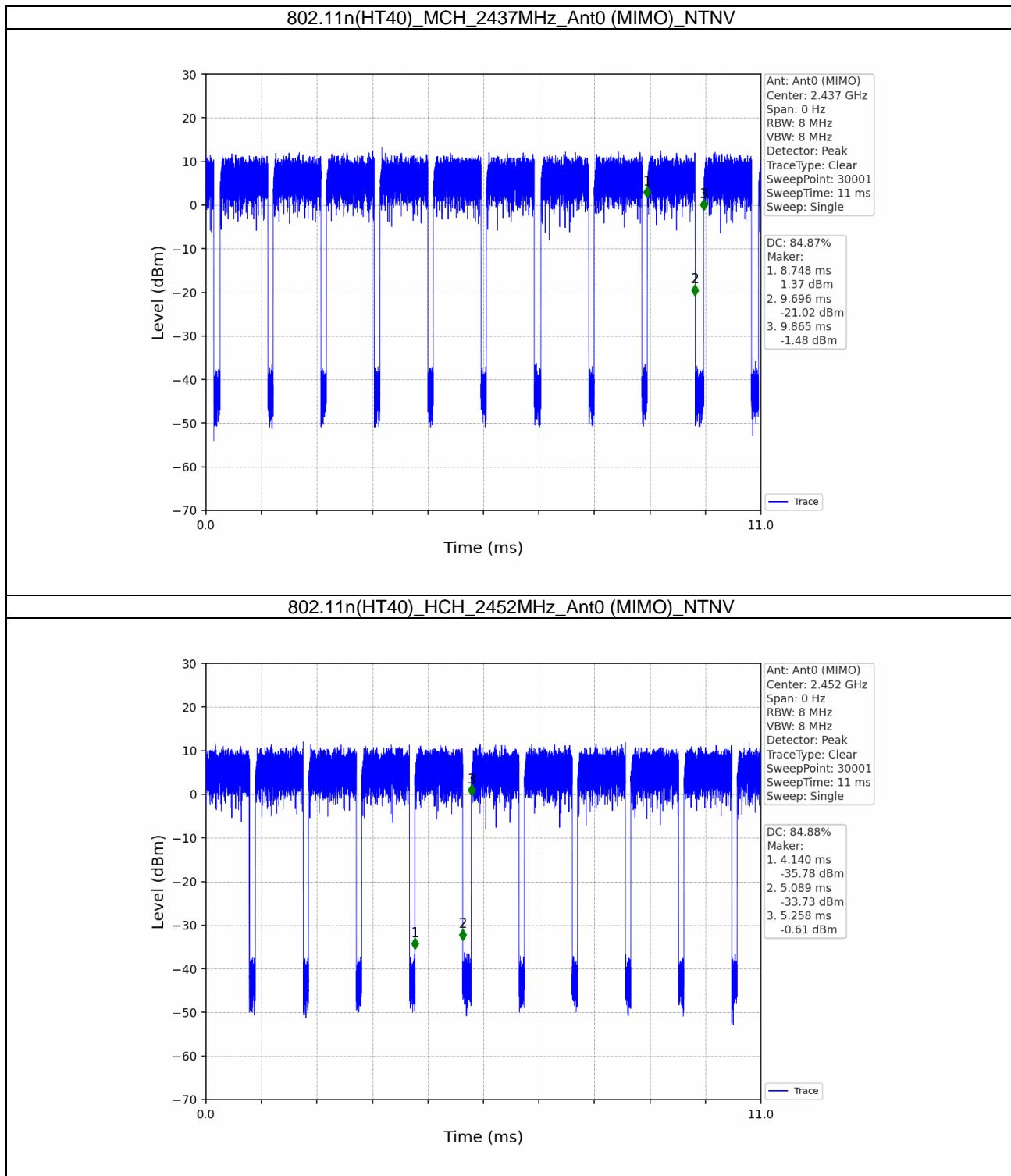
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2. Bandwidth

2.1 OBW

2.1.1 Test Result

Mode	TX Type	Frequency (MHz)	ANT	99% Occupied Bandwidth (MHz)		Verdict
				Result		
802.11b	SISO	2412	0	13.127		Pass
		2437	0	12.944		Pass
		2462	0	12.592		Pass
802.11g	SISO	2412	0	17.032		Pass
		2437	0	17.031		Pass
		2462	0	16.606		Pass
802.11n (HT20)	MIMO	2412	0	18.630		Pass
		2437	0	18.007		Pass
		2462	0	17.753		Pass
802.11n (HT40)	MIMO	2422	0	36.450		Pass
		2437	0	36.918		Pass
		2452	0	36.902		Pass

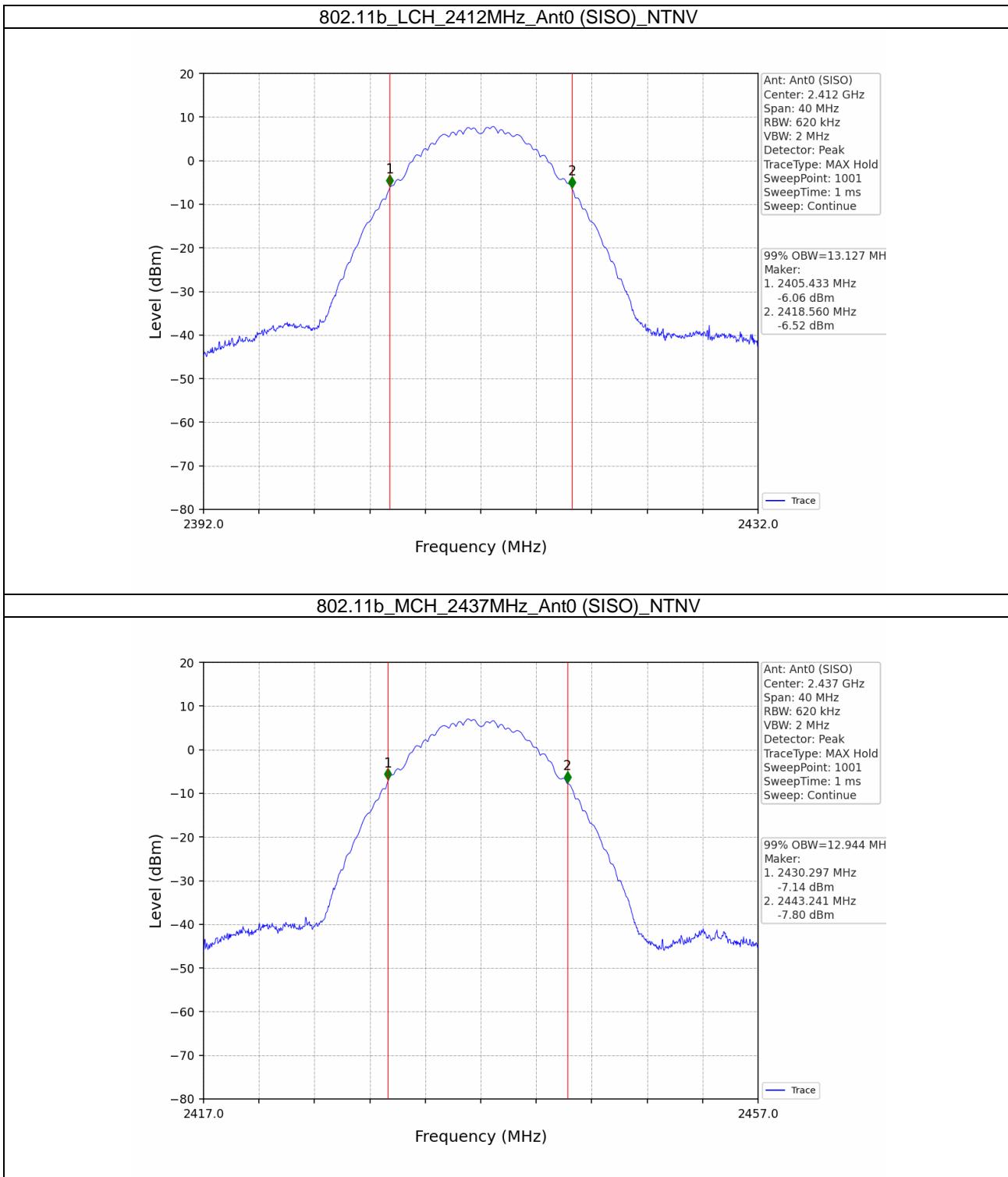
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2.1.2 Test Graph

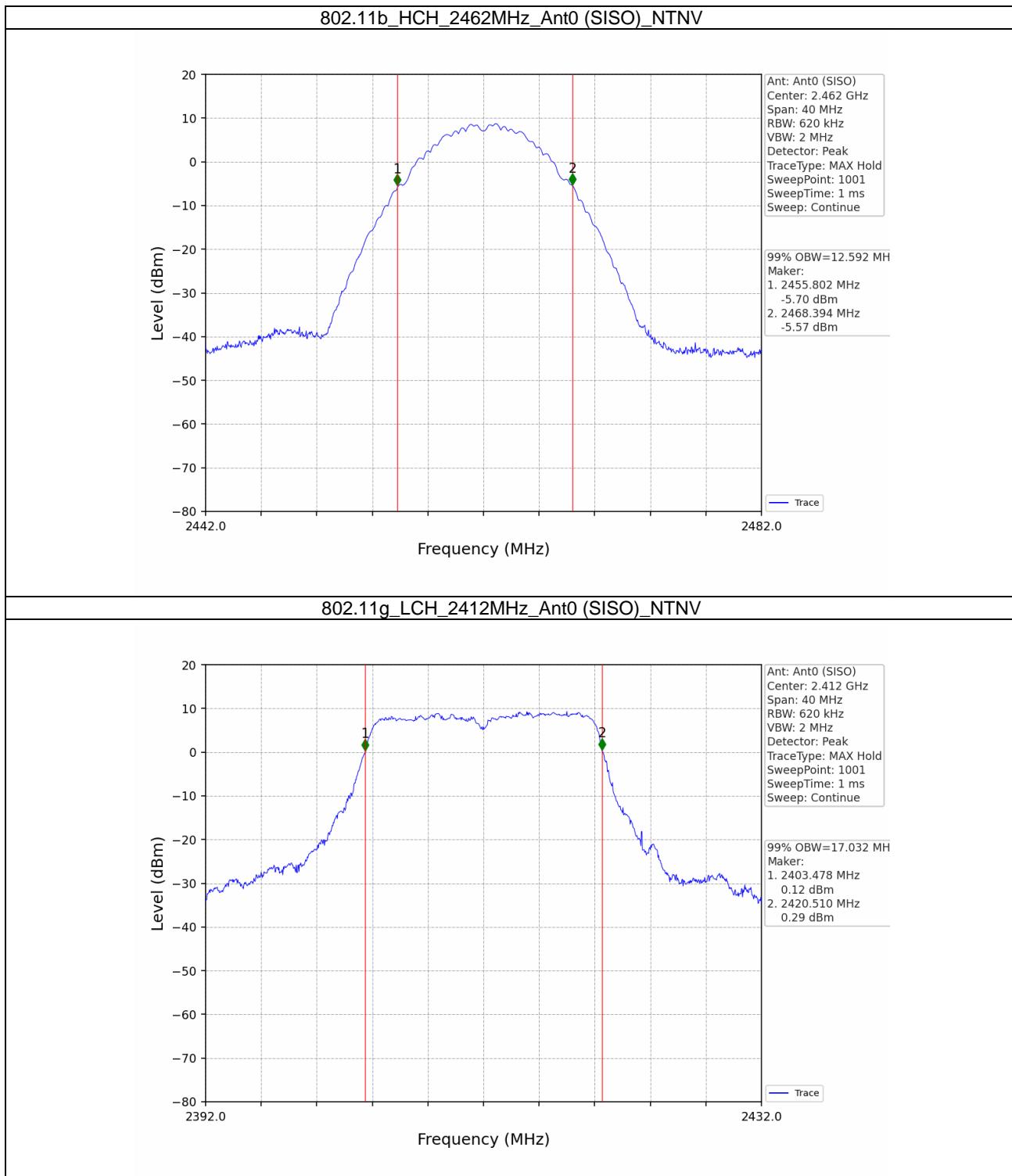


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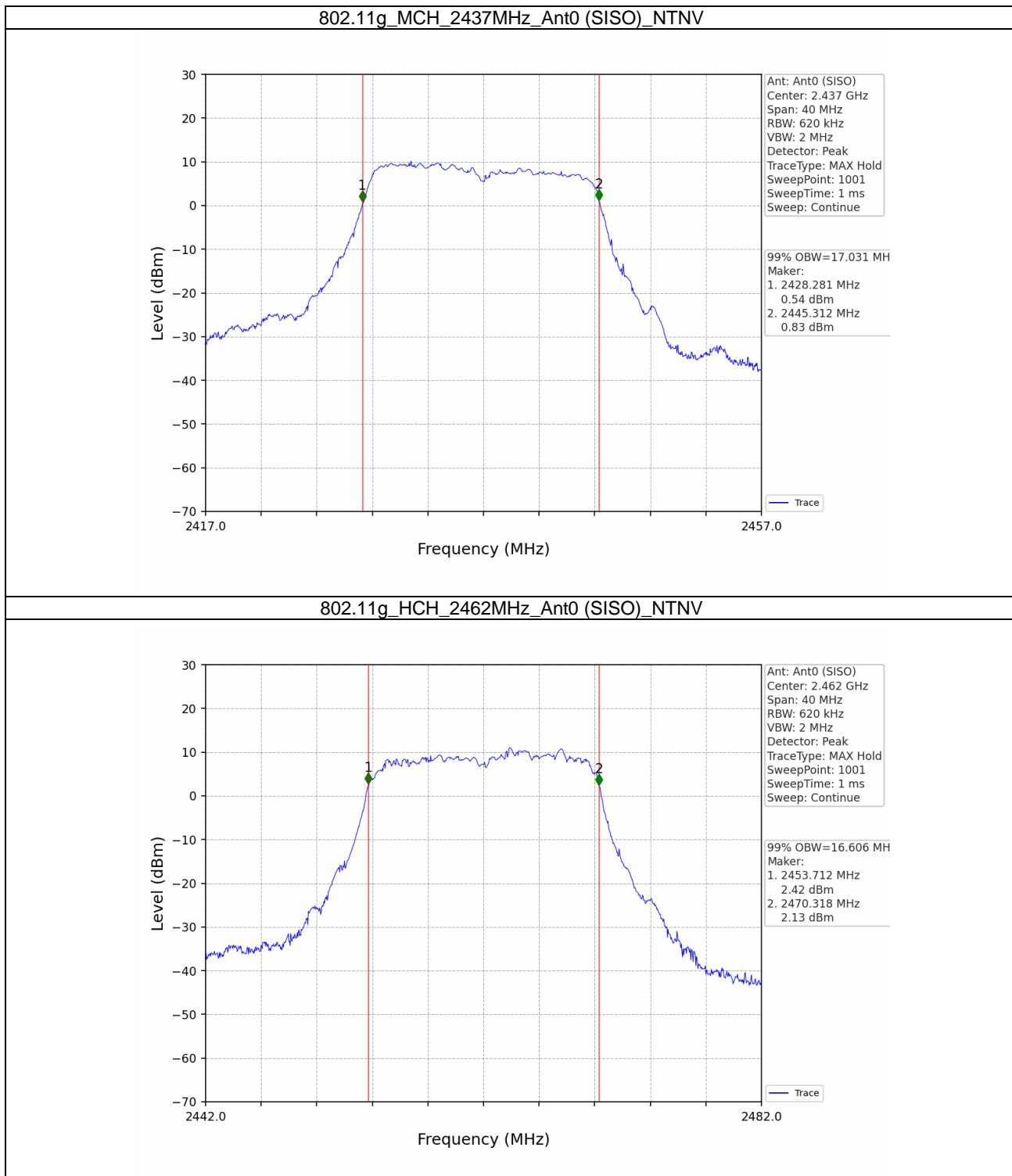


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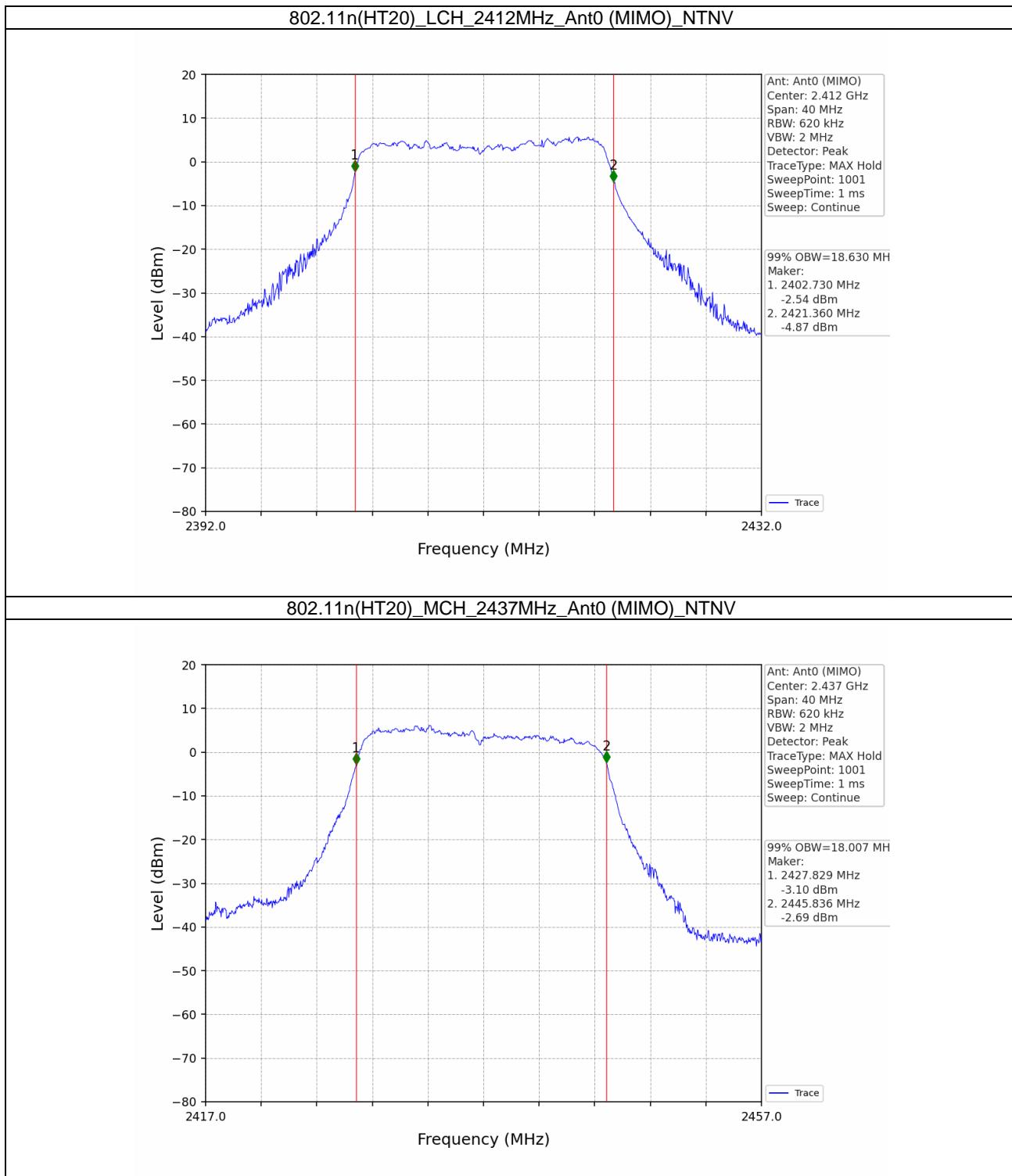


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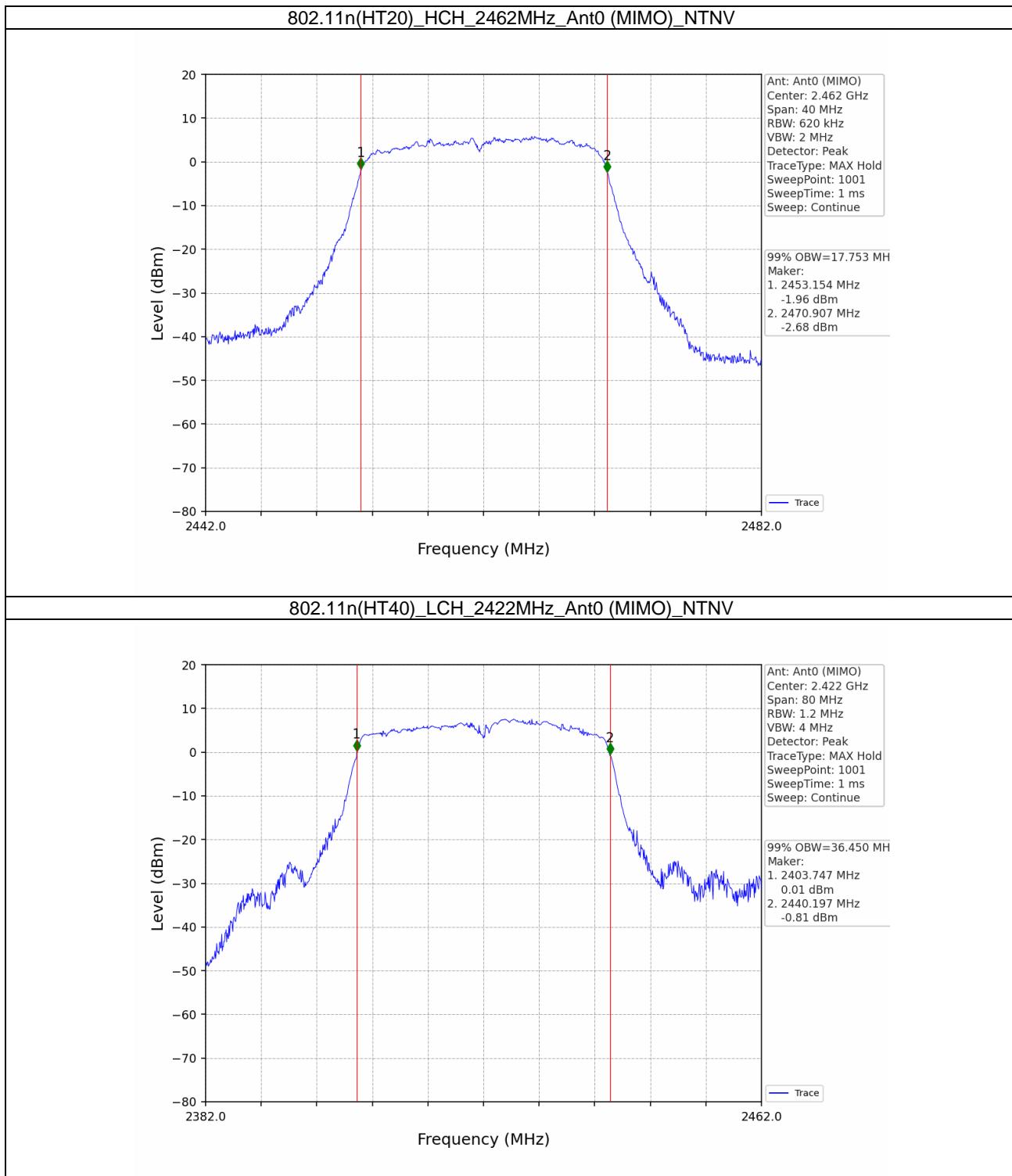


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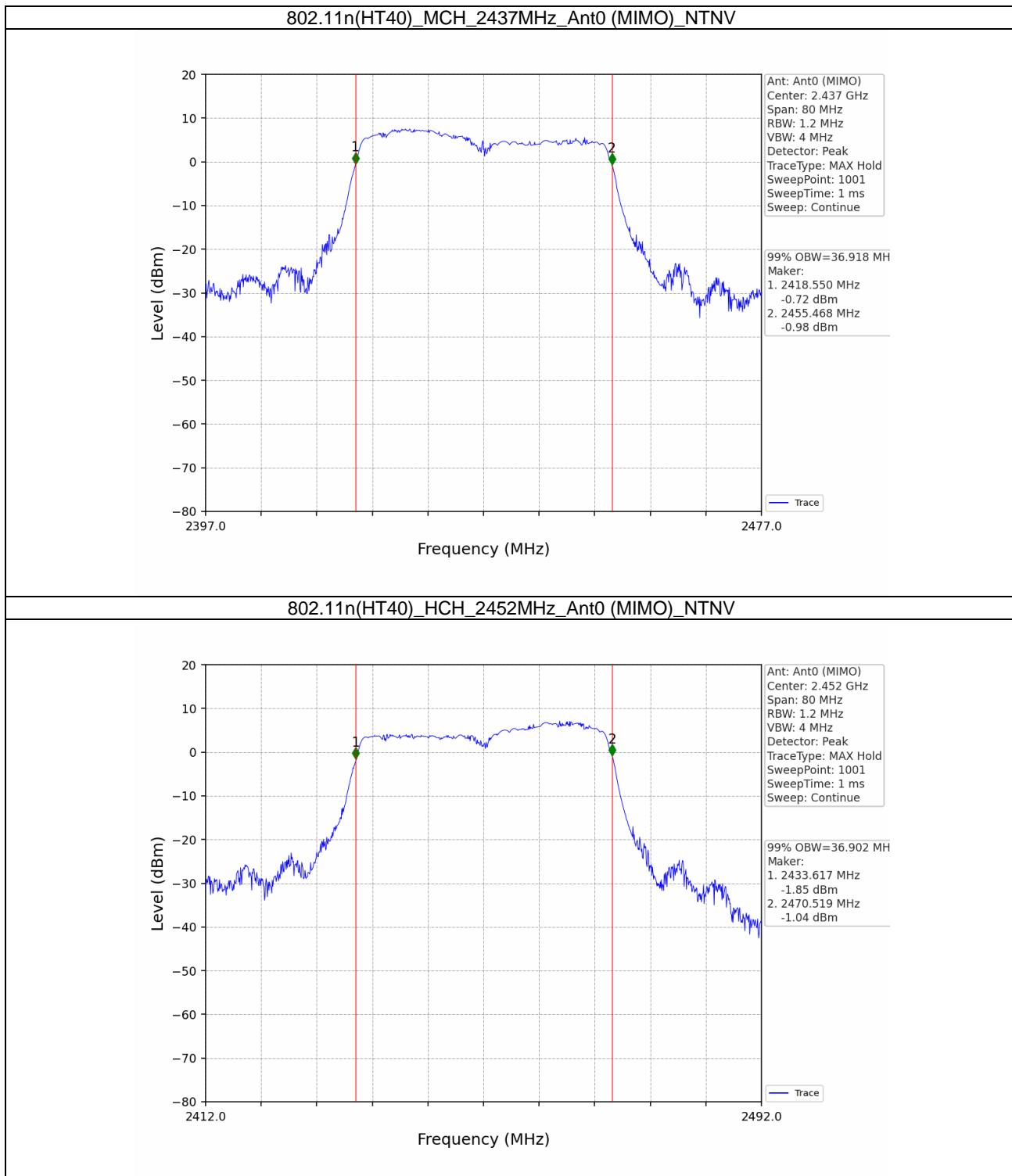


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2.2 6dB BW**2.2.1 Test Result**

Mode	TX Type	Frequency (MHz)	ANT	6dB Bandwidth (MHz)		Verdict
				Result	Limit	
802.11b	SISO	2412	0	8.104	>=0.5	Pass
		2437	0	7.571	>=0.5	Pass
		2462	0	8.063	>=0.5	Pass
802.11g	SISO	2412	0	16.328	>=0.5	Pass
		2437	0	15.763	>=0.5	Pass
		2462	0	15.377	>=0.5	Pass
802.11n (HT20)	MIMO	2412	0	17.732	>=0.5	Pass
		2437	0	16.357	>=0.5	Pass
		2462	0	15.978	>=0.5	Pass
802.11n (HT40)	MIMO	2422	0	35.169	>=0.5	Pass
		2437	0	35.195	>=0.5	Pass
		2452	0	35.319	>=0.5	Pass

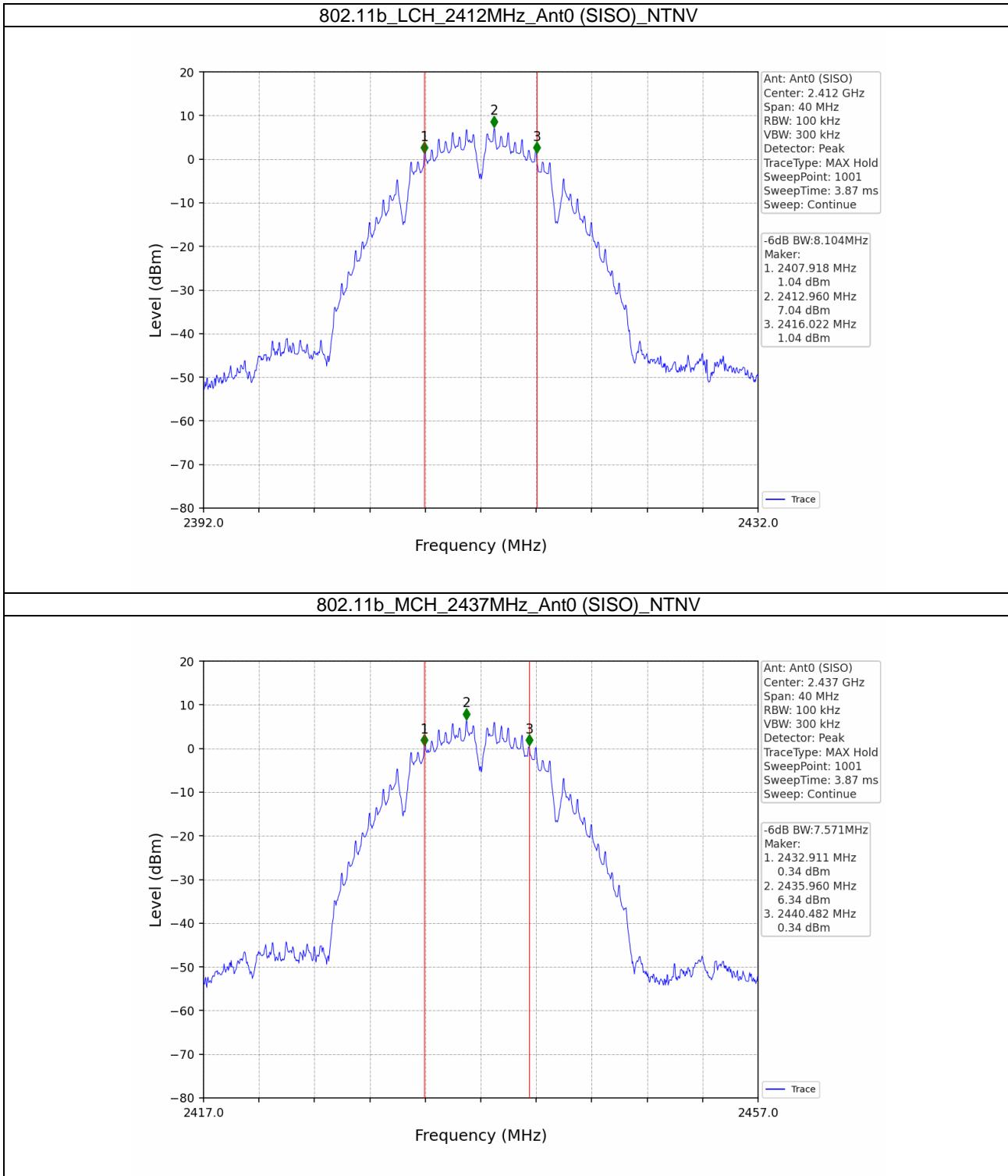
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2.2.2 Test Graph



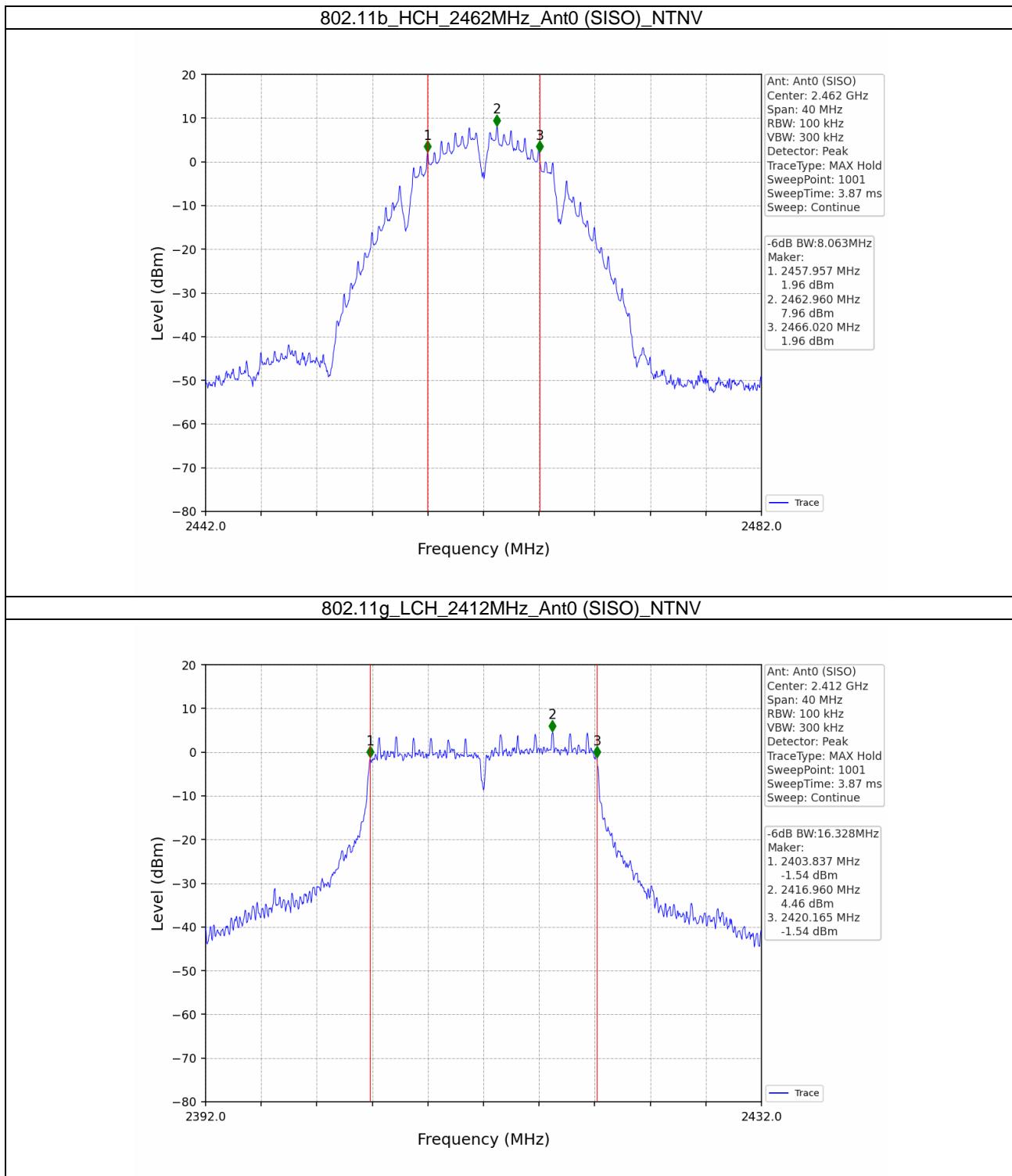
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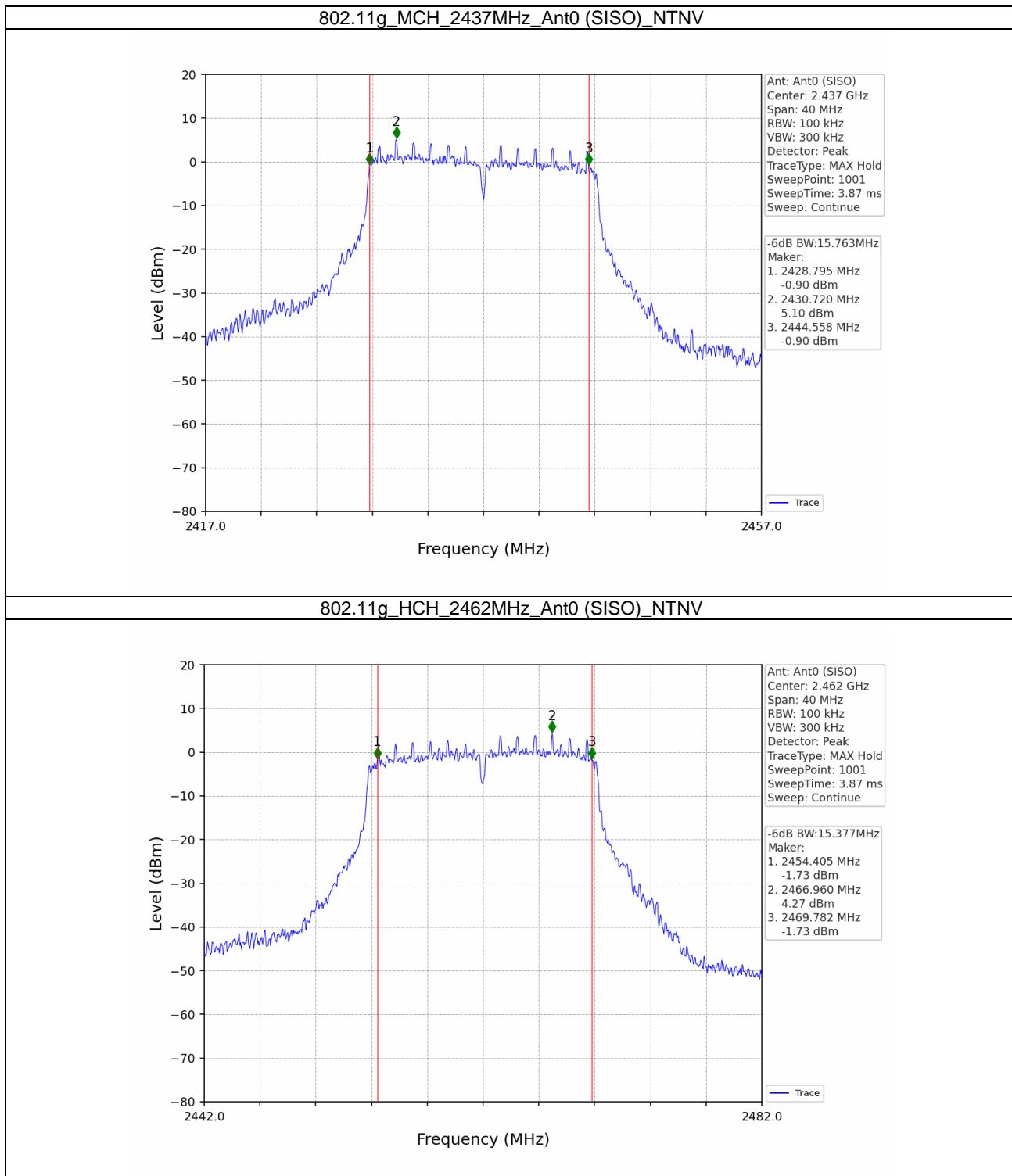
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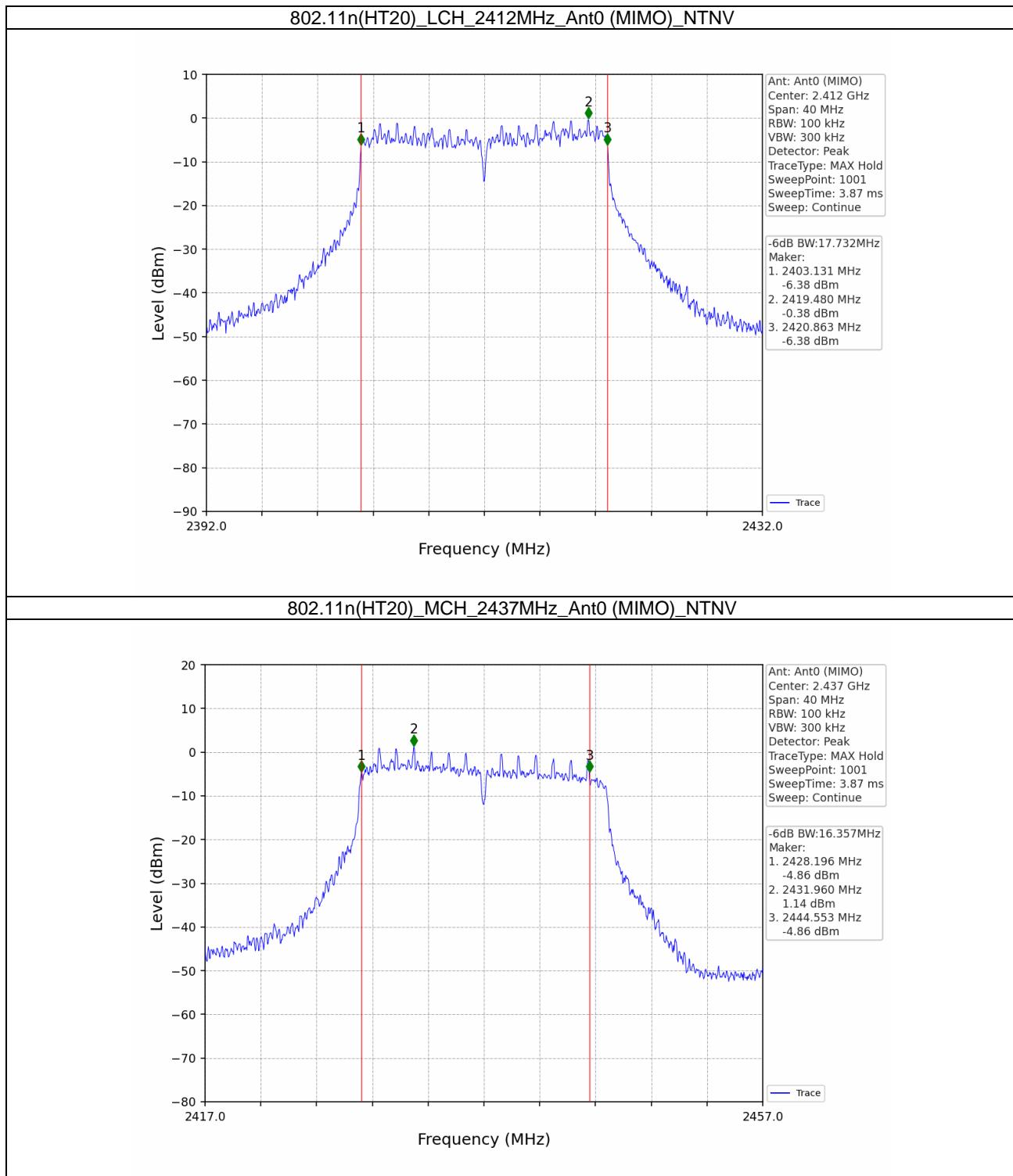
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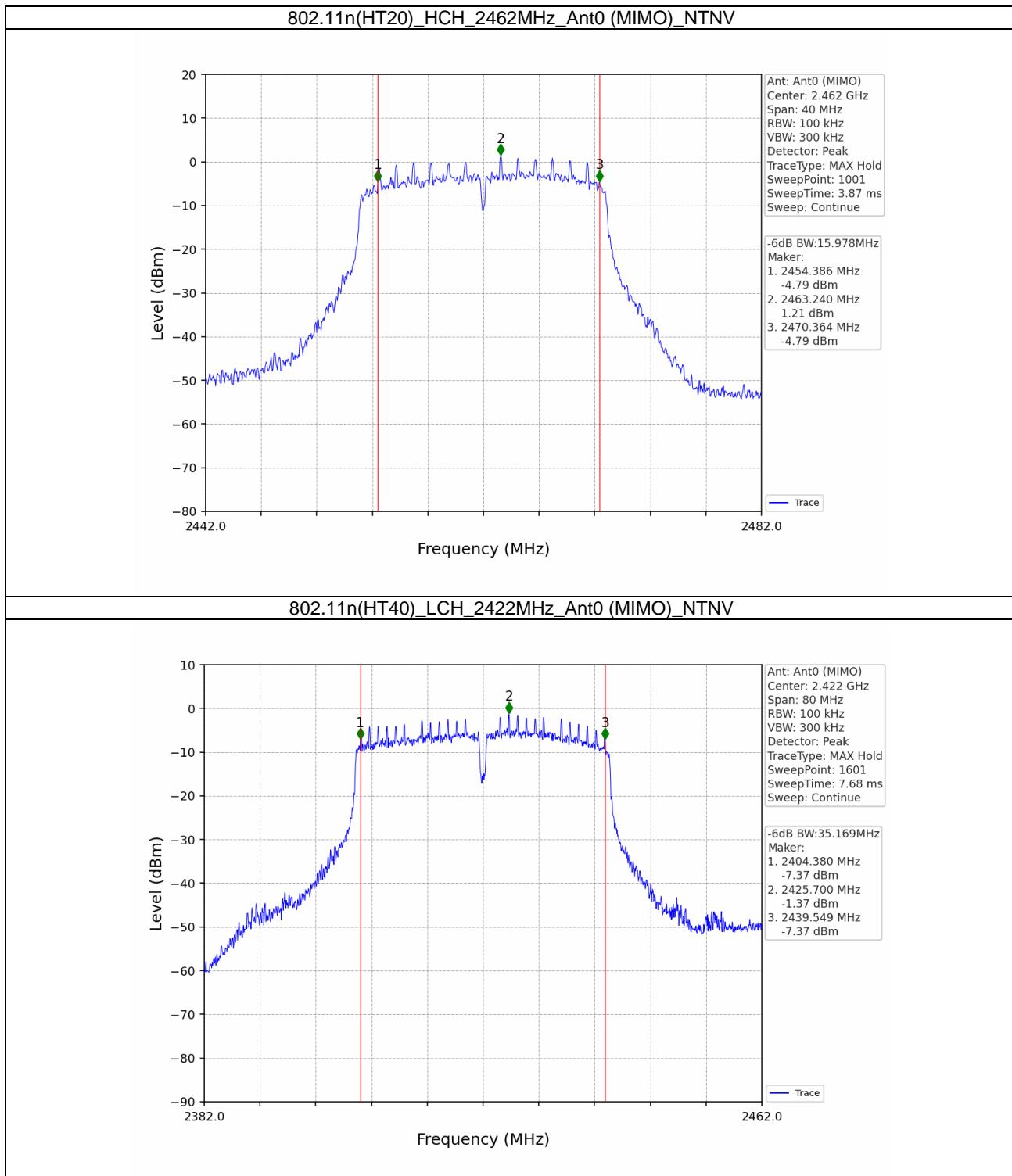


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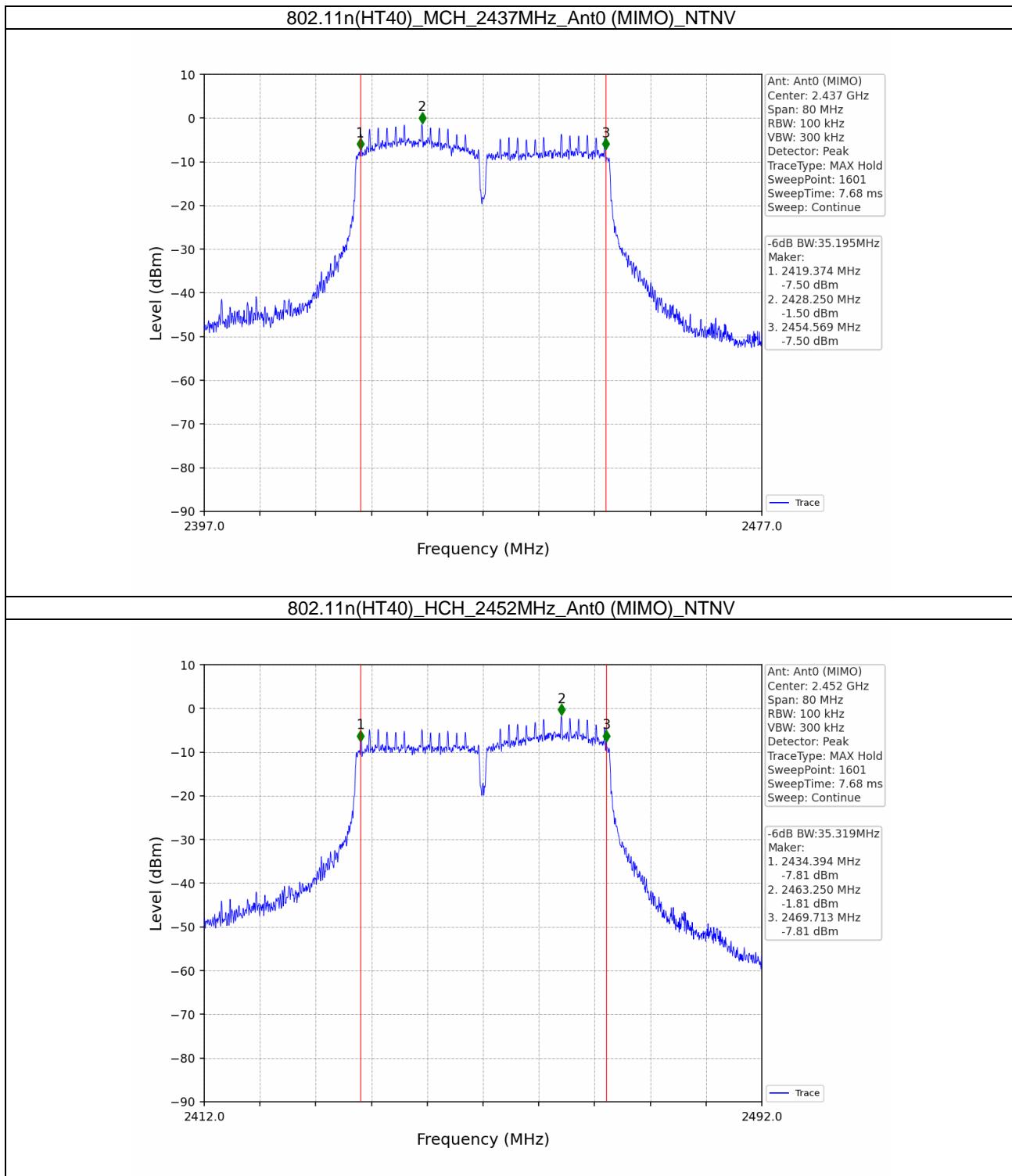


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3. Maximum Conducted Output Power

3.1 Power

3.1.1 Test Result

Mode	TX Type	Frequency (MHz)	Maximum Average Conducted Output Power (dBm)				Verdict
			ANT0	ANT1	MIMO	Limit	
802.11b	SISO	2412	15.56	15.47	/	<=30	Pass
		2437	15.48	15.39	/	<=30	Pass
		2462	15.99	16.03	/	<=30	Pass
802.11g	SISO	2412	15.23	15.43	/	<=30	Pass
		2437	15.36	15.21	/	<=30	Pass
		2462	15.38	15.40	/	<=30	Pass
802.11n (HT20)	MIMO	2412	12.09	12.16	15.14	<=30	Pass
		2437	11.90	11.79	14.86	<=30	Pass
		2462	12.30	12.17	15.25	<=30	Pass
802.11n (HT40)	MIMO	2422	12.42	12.17	15.31	<=30	Pass
		2437	12.10	12.02	15.07	<=30	Pass
		2452	11.42	11.64	14.54	<=30	Pass

Note1: Antenna Gain: Antenna0&1: 2.5dBi

Note2: Directional Gain=G_{Ant}+10log (N_{Ant}) dB_i = 2.5+10log (2) dB_i = 5.51dB_i.

4. Maximum Power Spectral Density

4.1 PSD

4.1.1 Test Result

Mode	TX Type	Frequency (MHz)	Maximum PSD (dBm/3kHz)				Verdict
			ANT0	ANT1	MIMO	Limit	
802.11b	SISO	2412	-9.12	-8.76	/	<=8	Pass
		2437	-10.03	-7.37	/	<=8	Pass
		2462	-9.16	-8.28	/	<=8	Pass
802.11g	SISO	2412	-11.49	-11.85	/	<=8	Pass
		2437	-11.70	-12.52	/	<=8	Pass
		2462	-11.64	-12.34	/	<=8	Pass
802.11n (HT20)	MIMO	2412	-15.70	-14.61	-12.25	<=8	Pass
		2437	-14.34	-14.52	-12.13	<=8	Pass
		2462	-14.58	-14.16	-12.25	<=8	Pass
802.11n (HT40)	MIMO	2422	-15.80	-16.83	-13.35	<=8	Pass
		2437	-16.55	-17.04	-13.78	<=8	Pass
		2452	-16.59	-16.85	-13.71	<=8	Pass

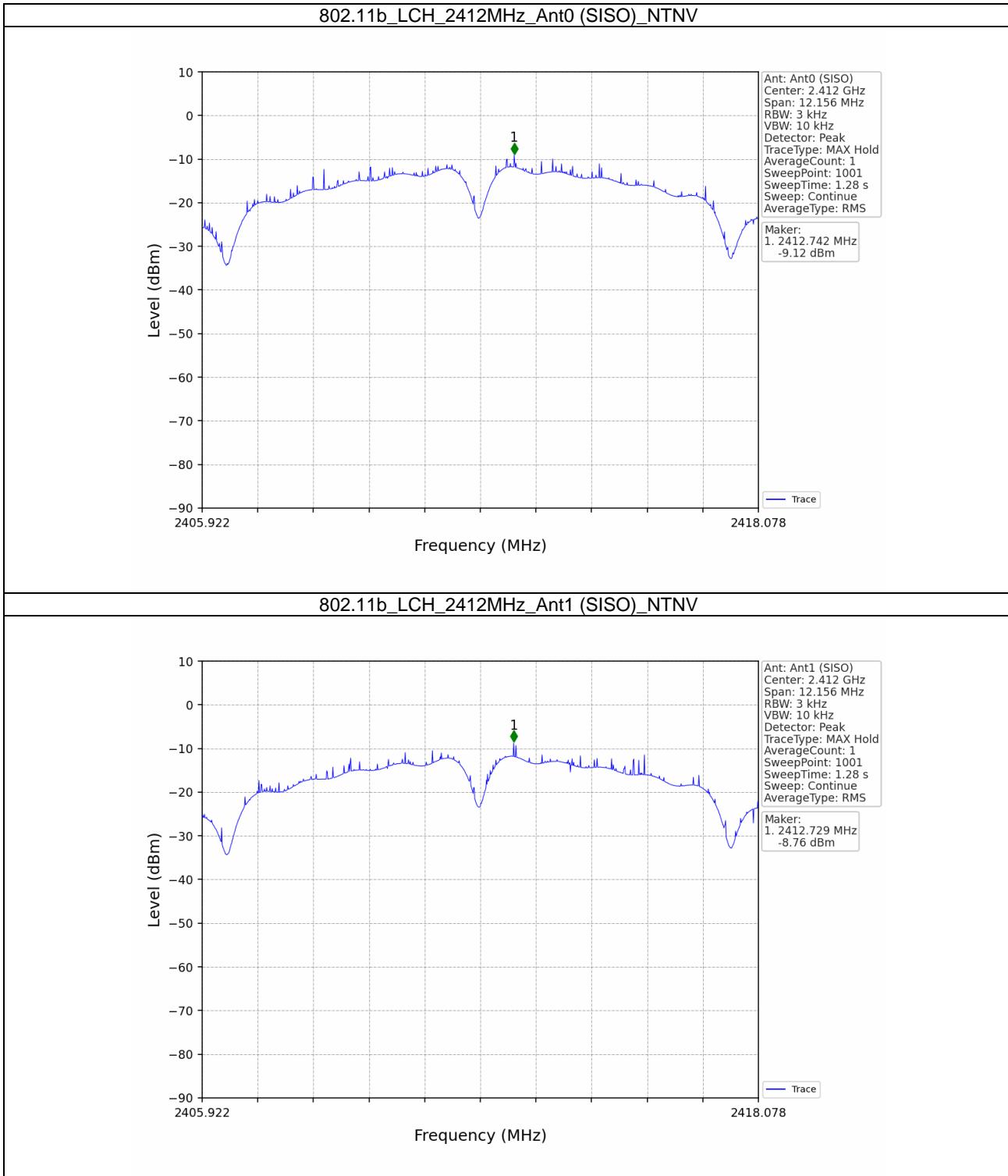
Note1: Antenna Gain: Antenna0&1: 2.5dBi

Note2: Directional Gain=G_{Ant}+10log (N_{Ant}) dB_i = 2.5+10log (2) dB_i = 5.51dB_i.

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4.1.2 Test Graph

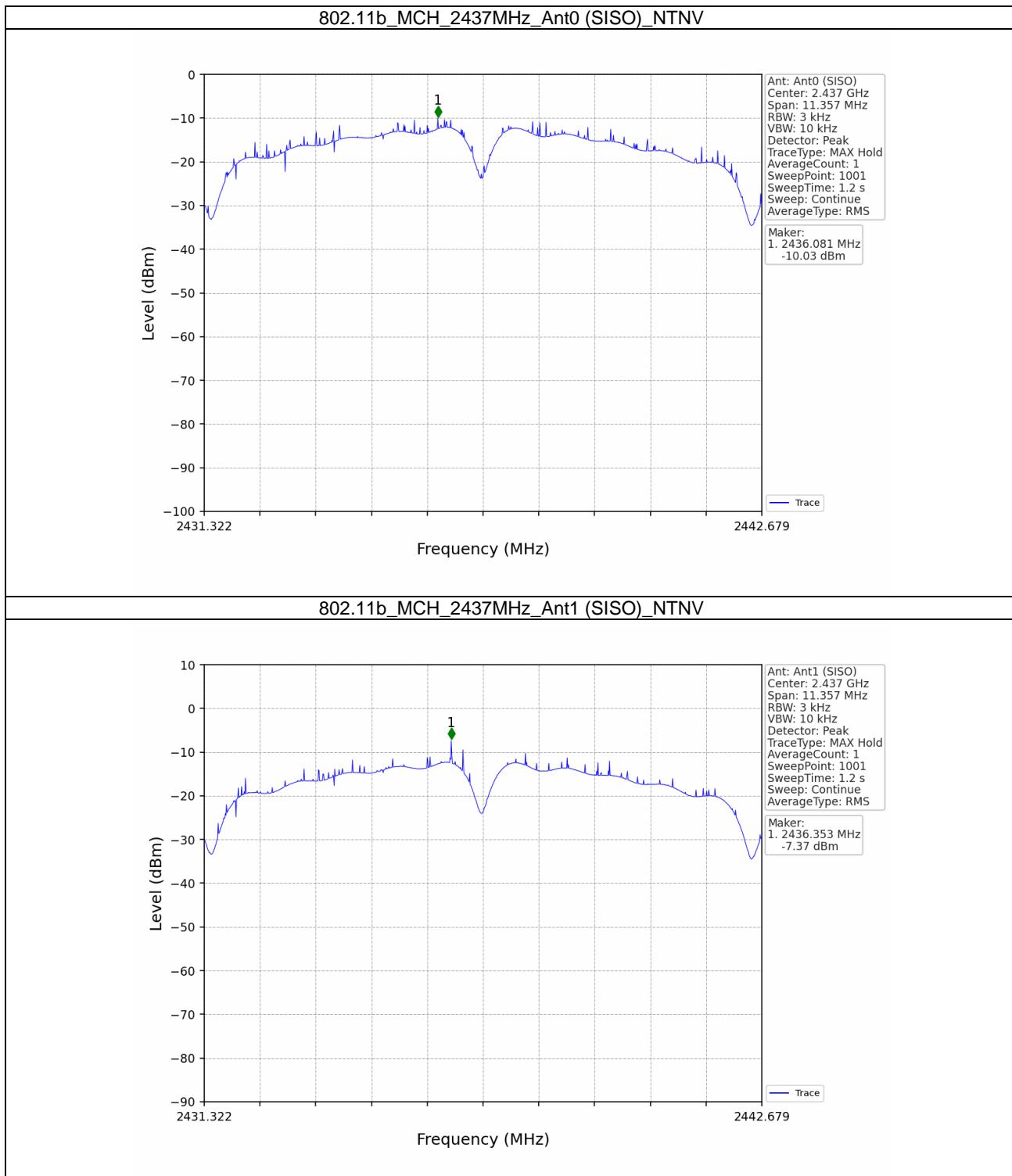


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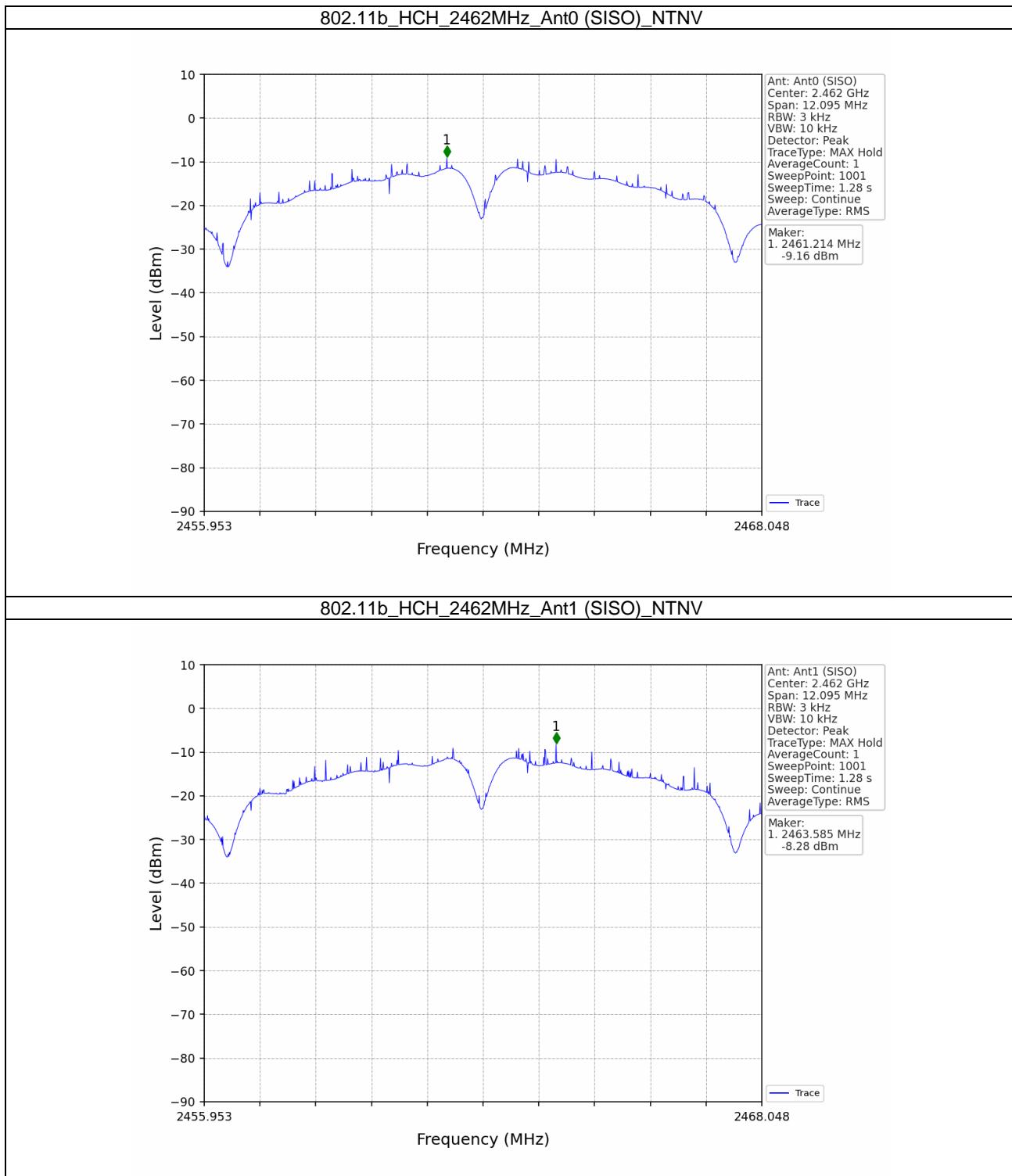


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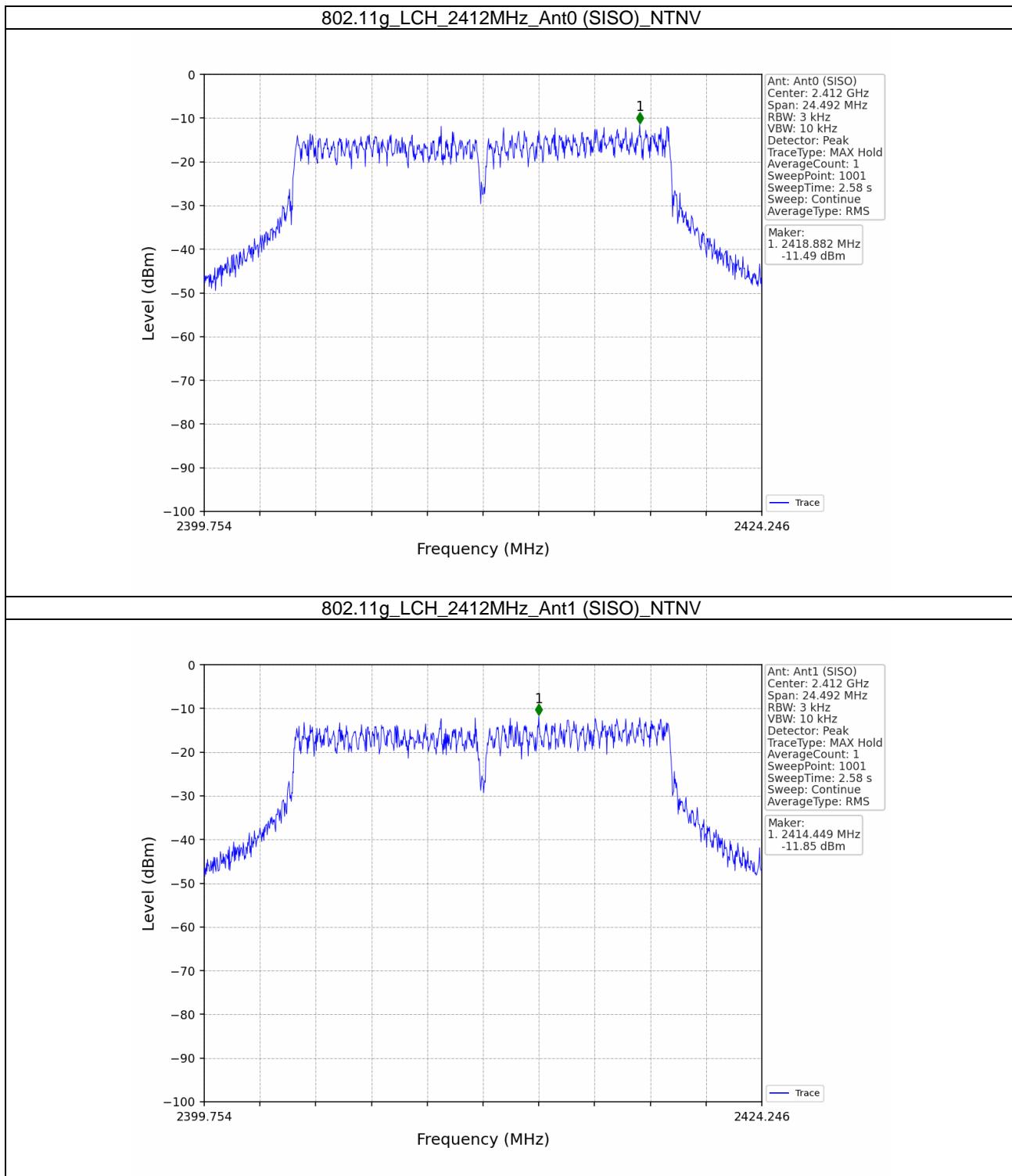


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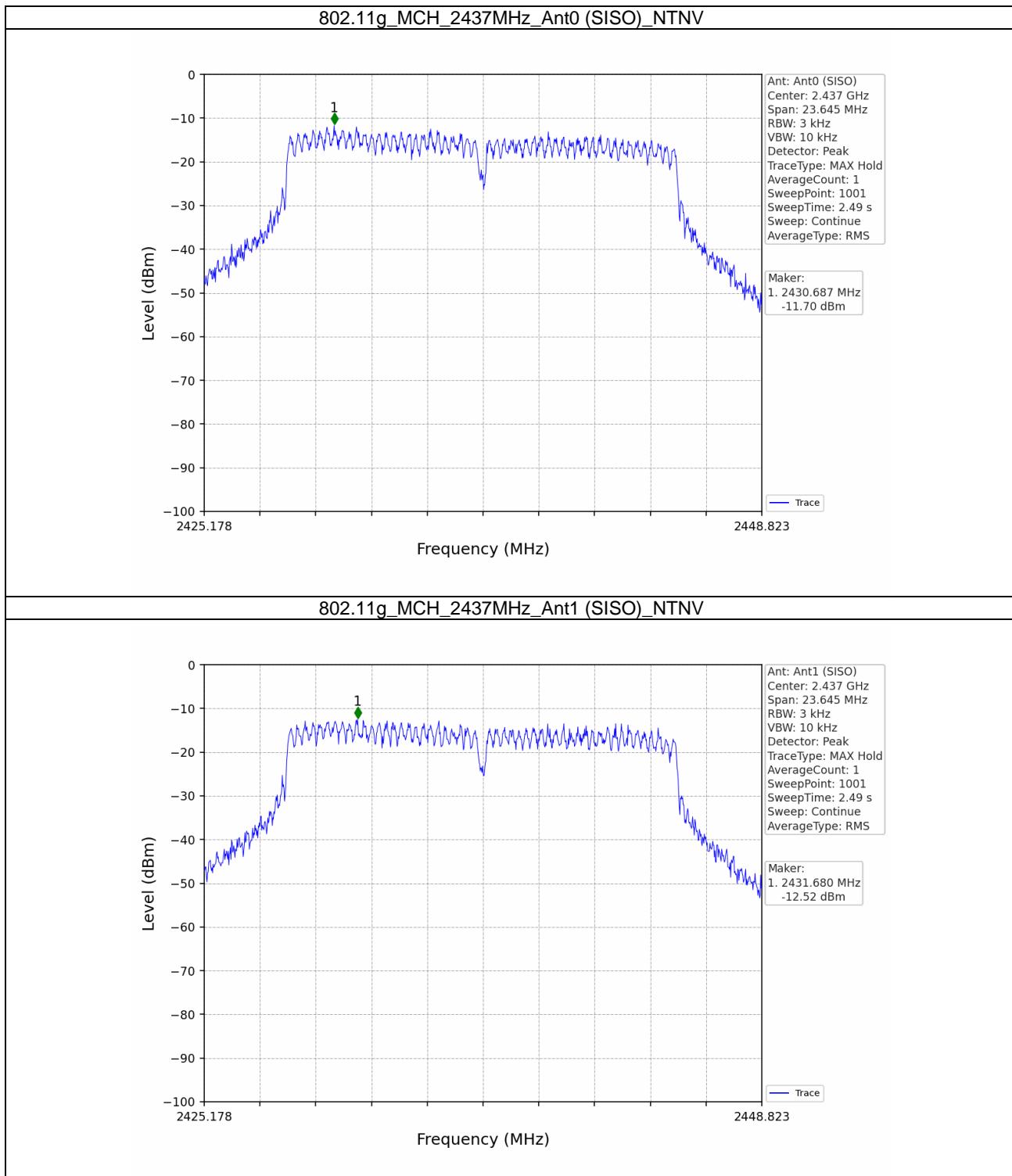


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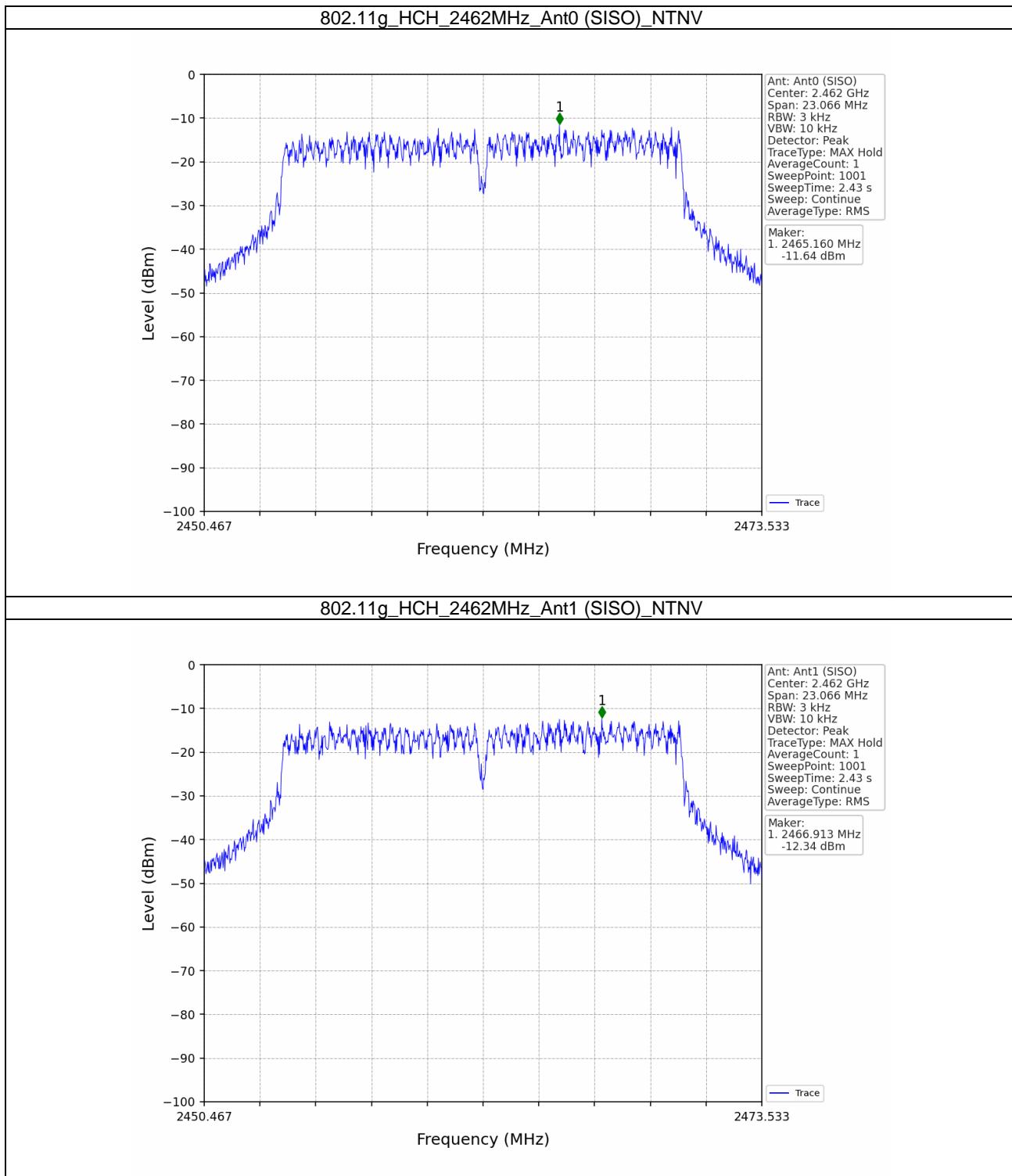


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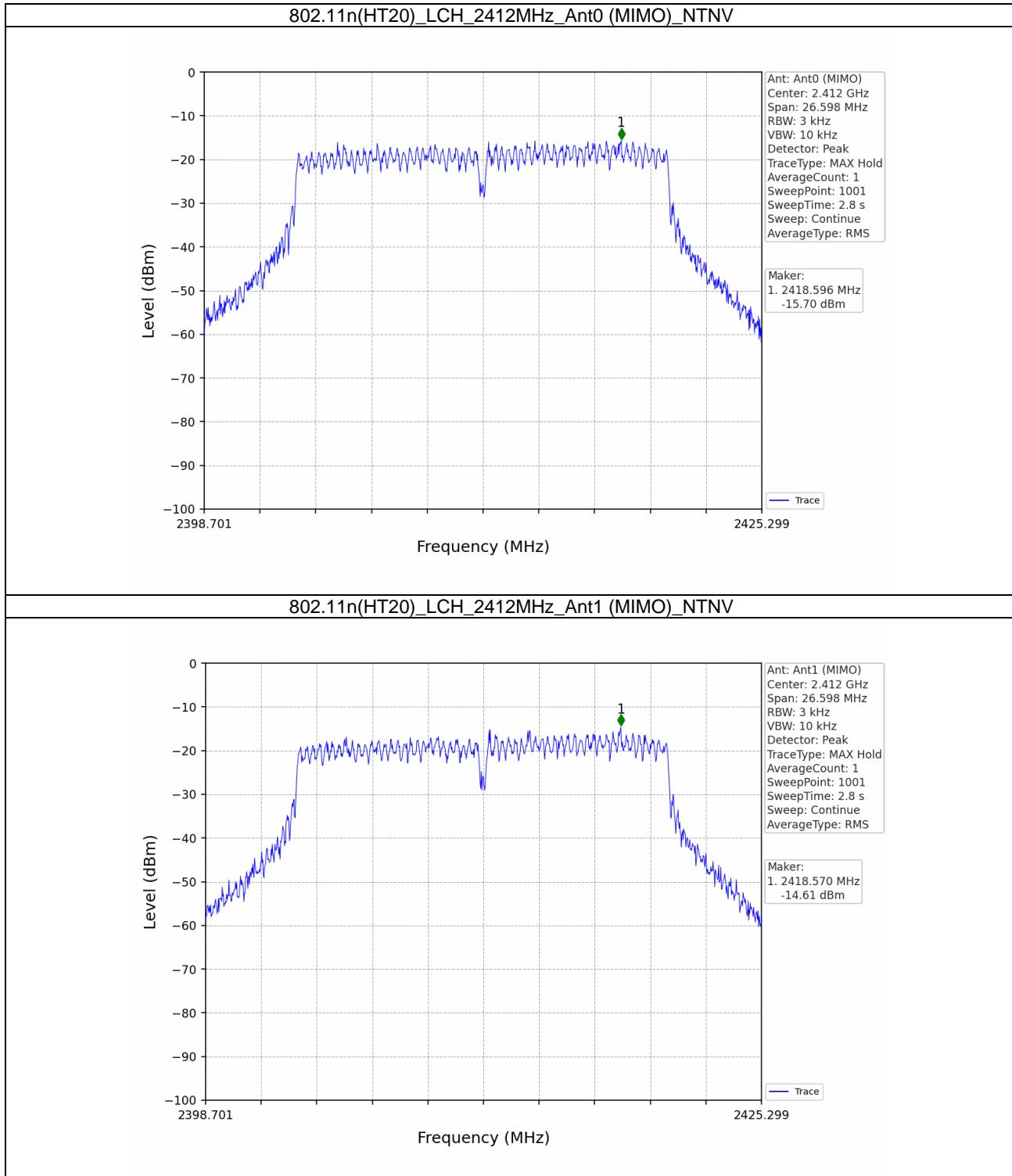


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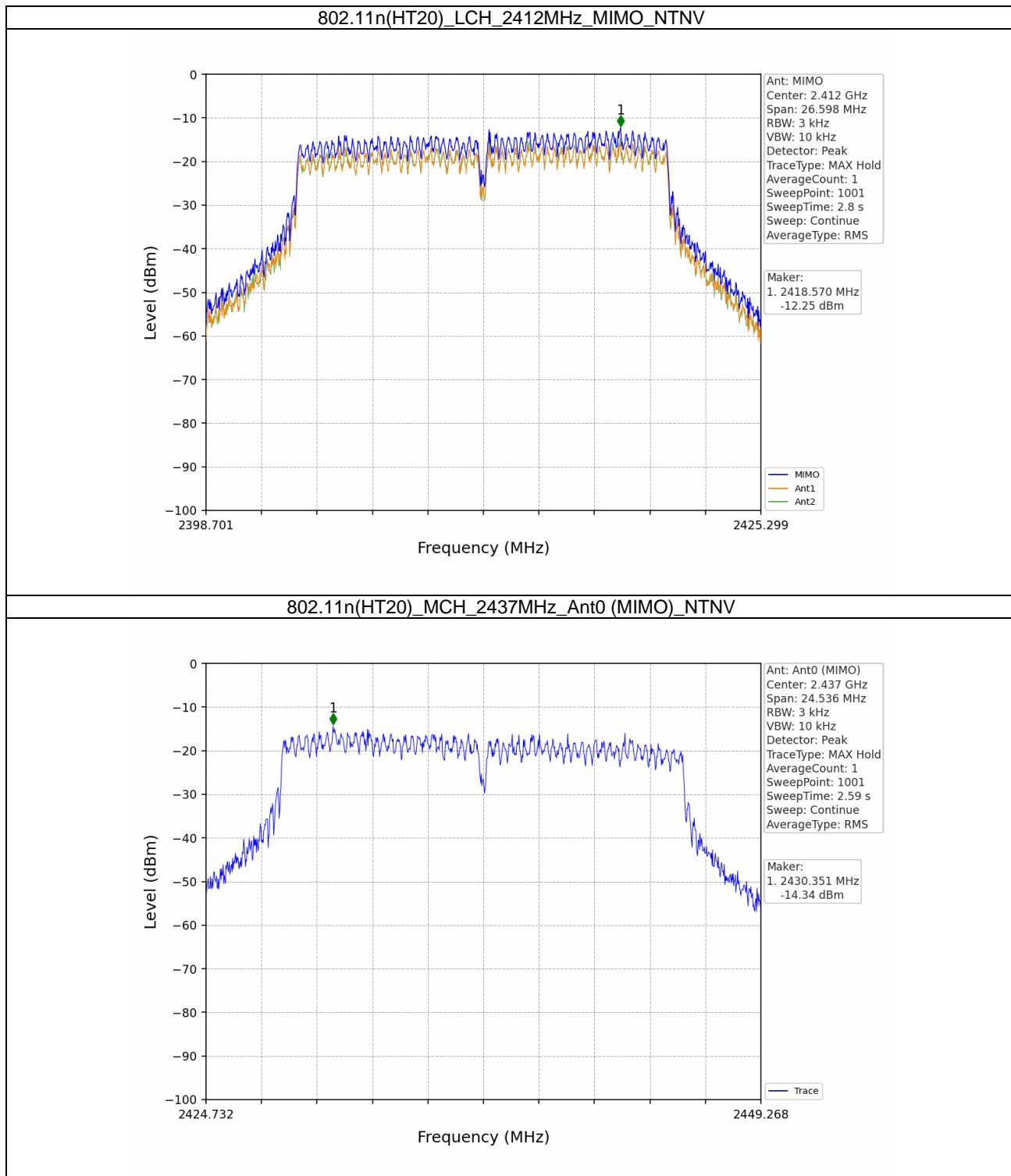


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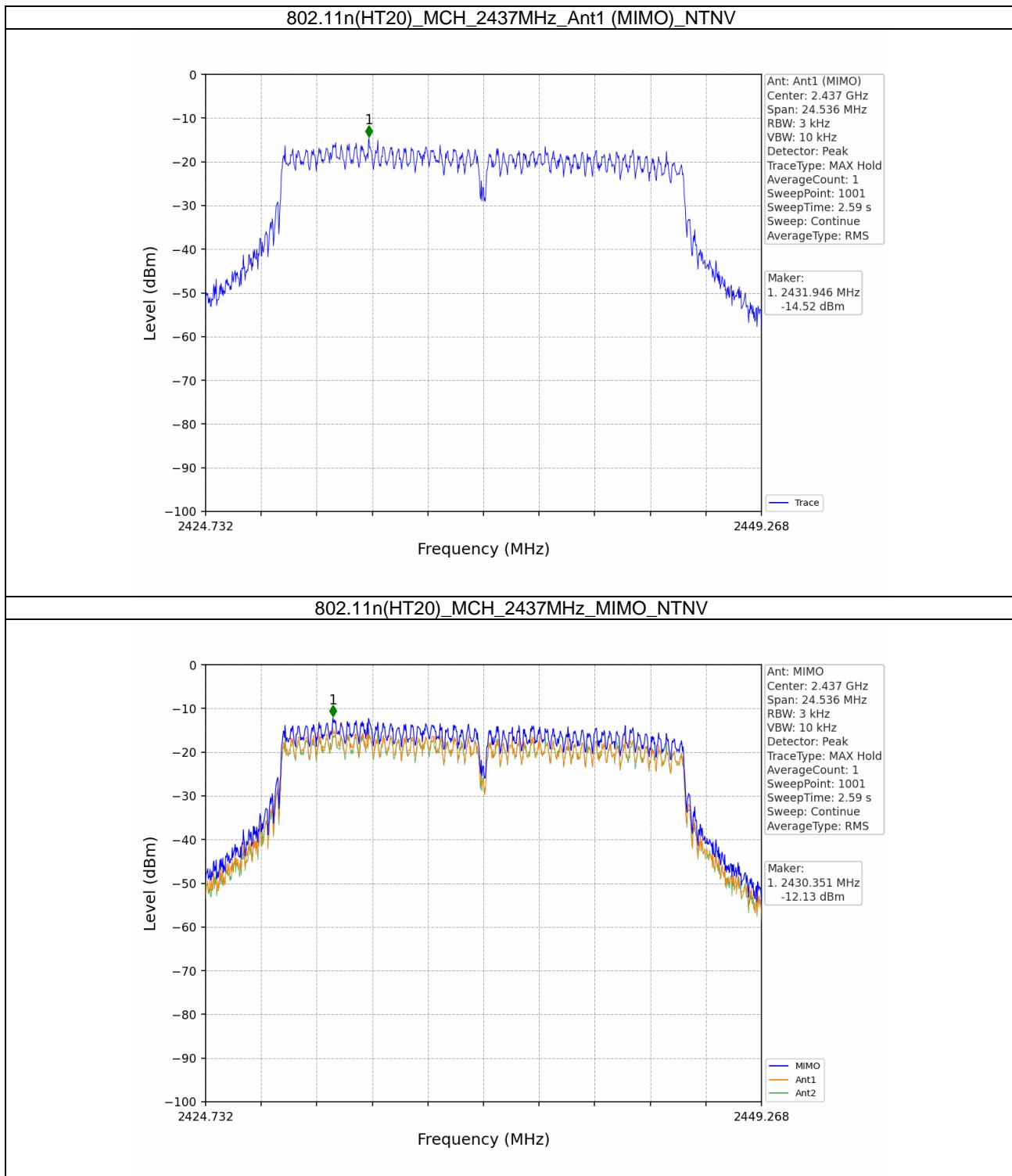
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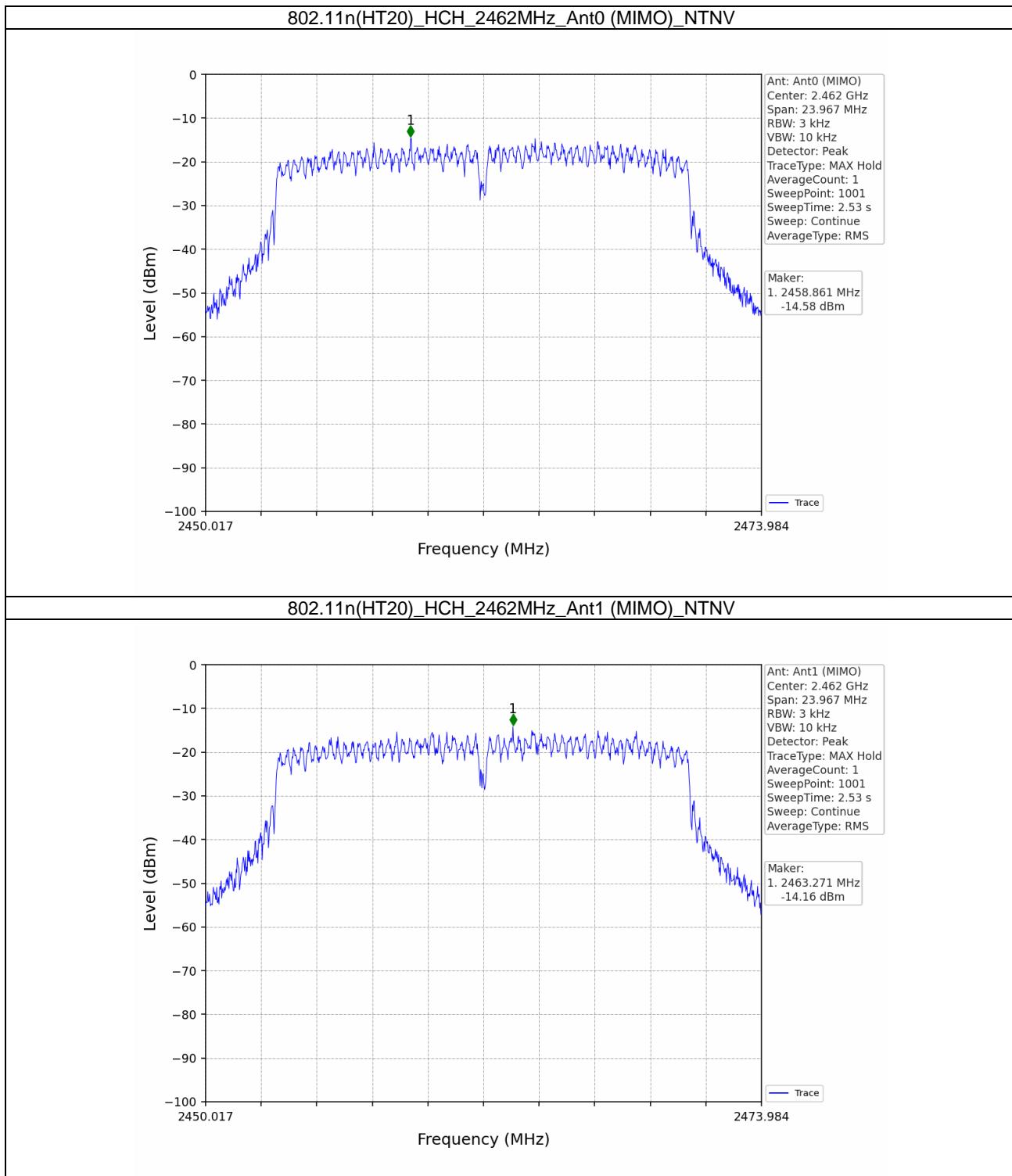
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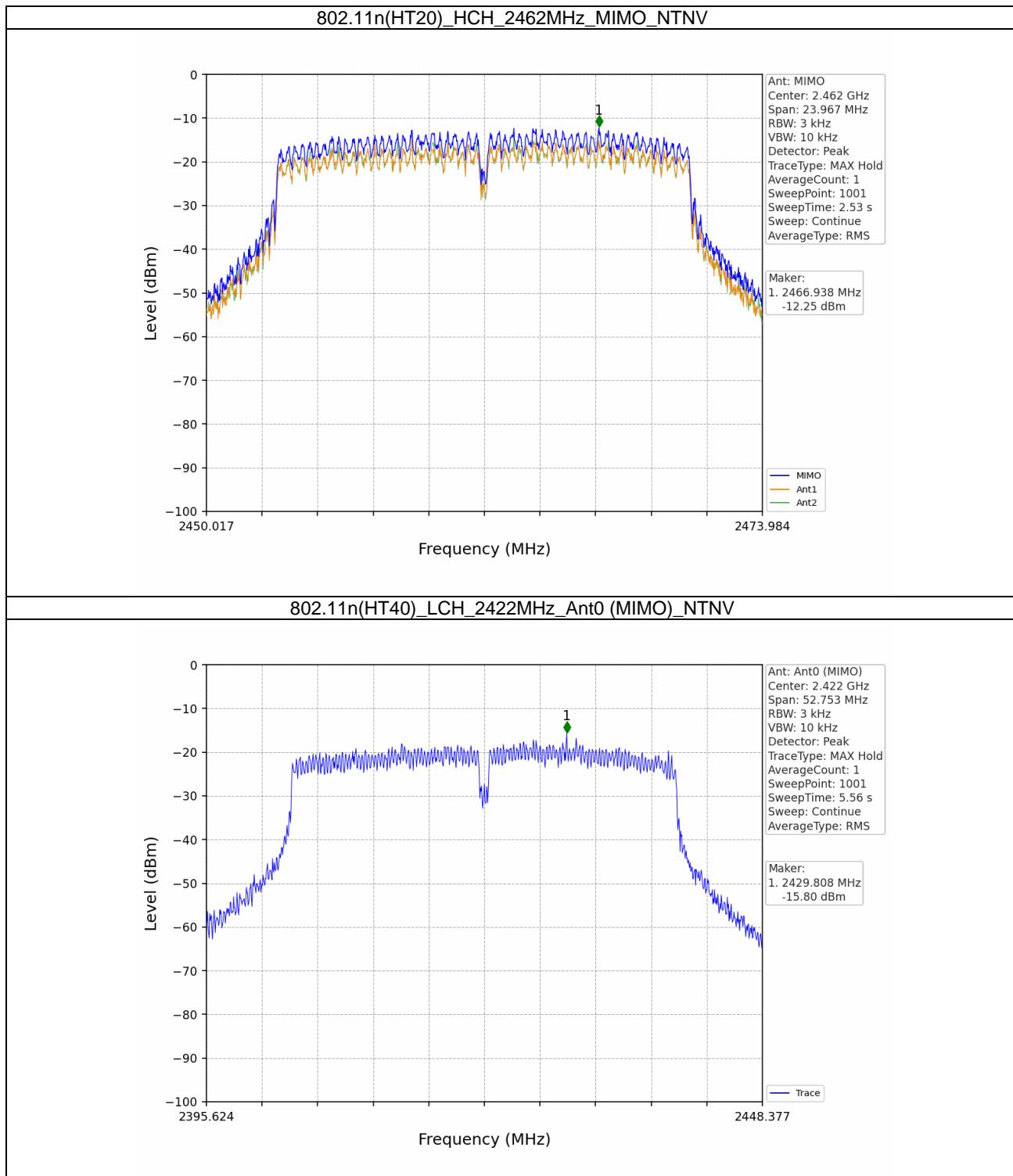


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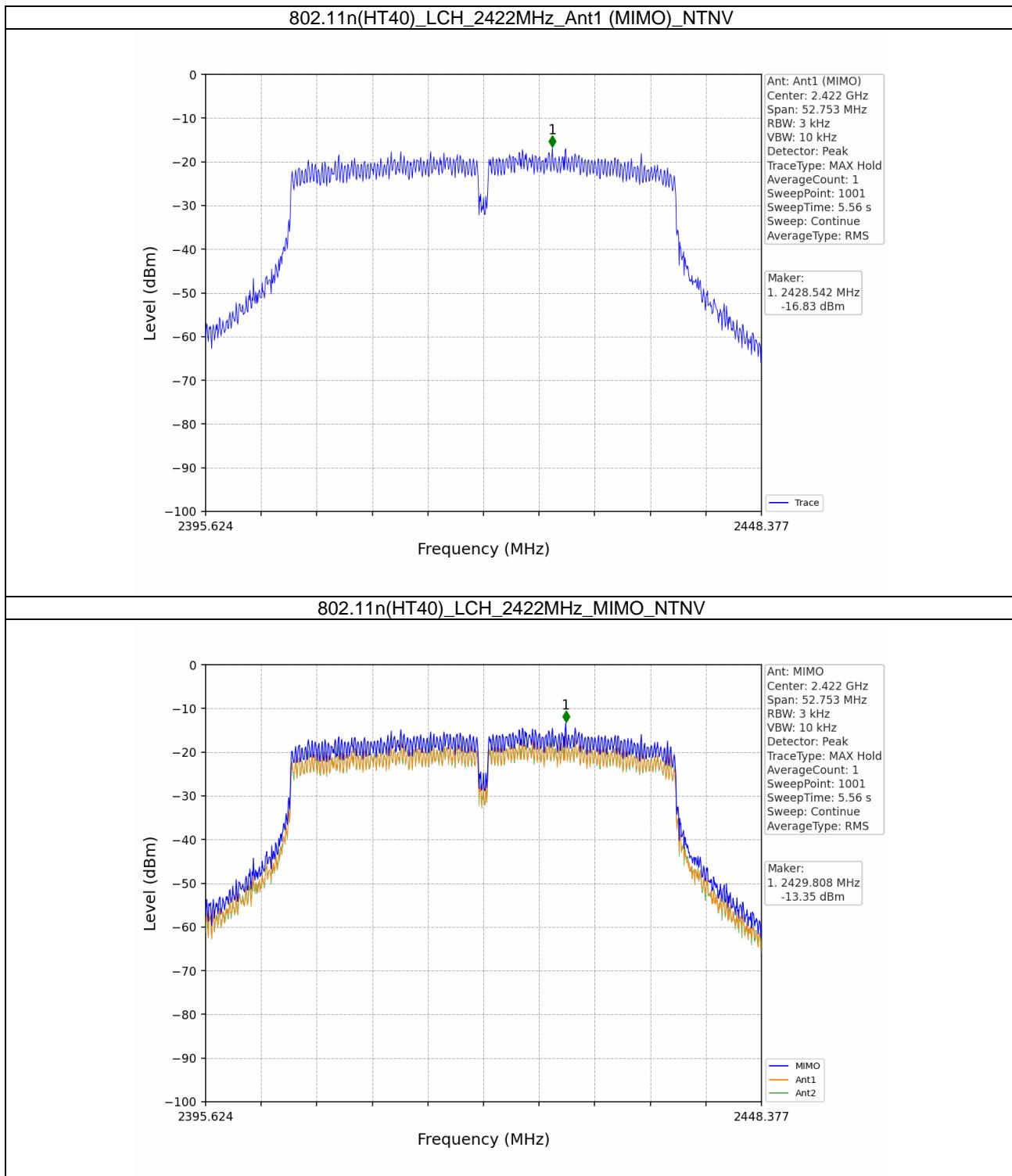


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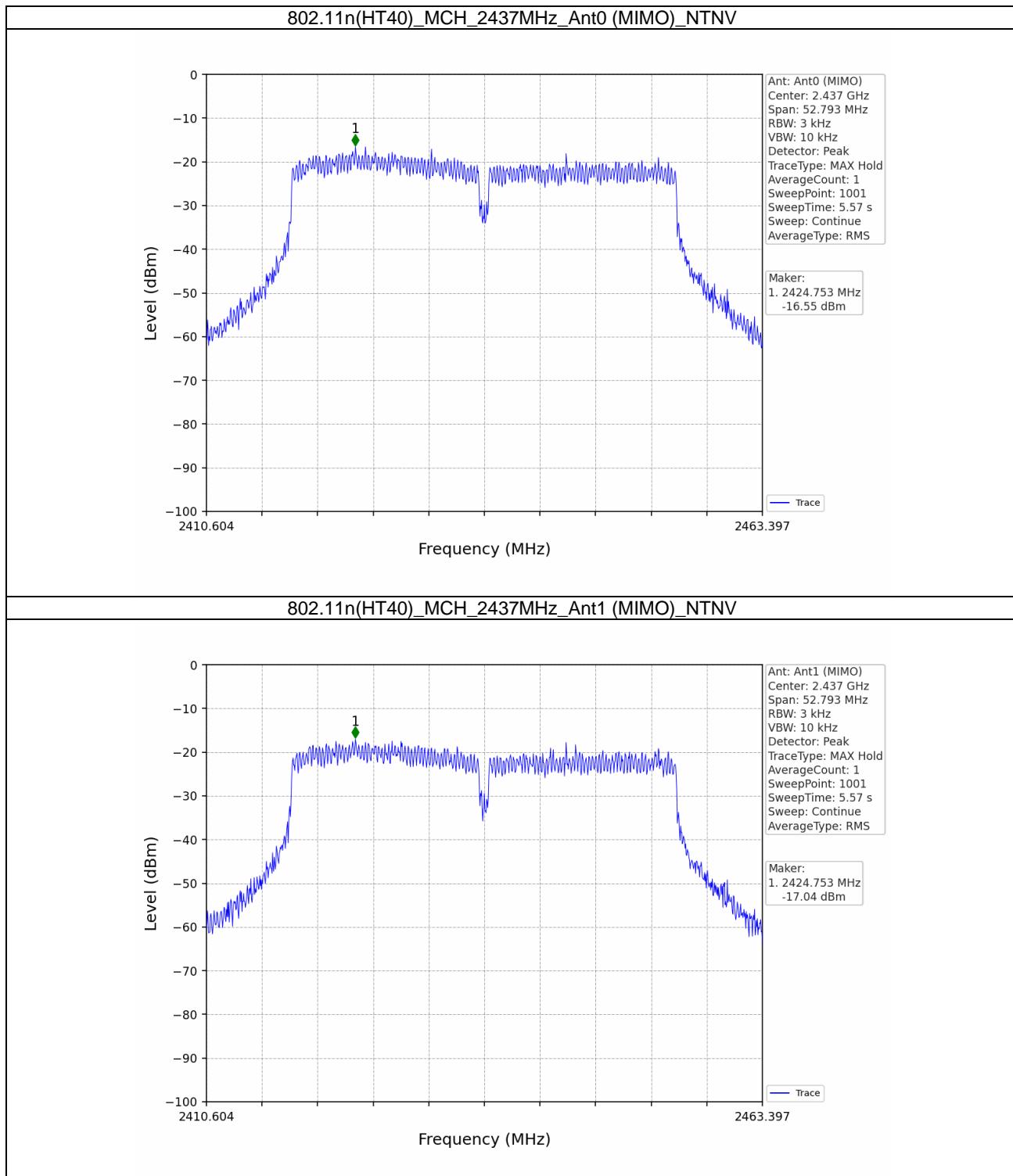




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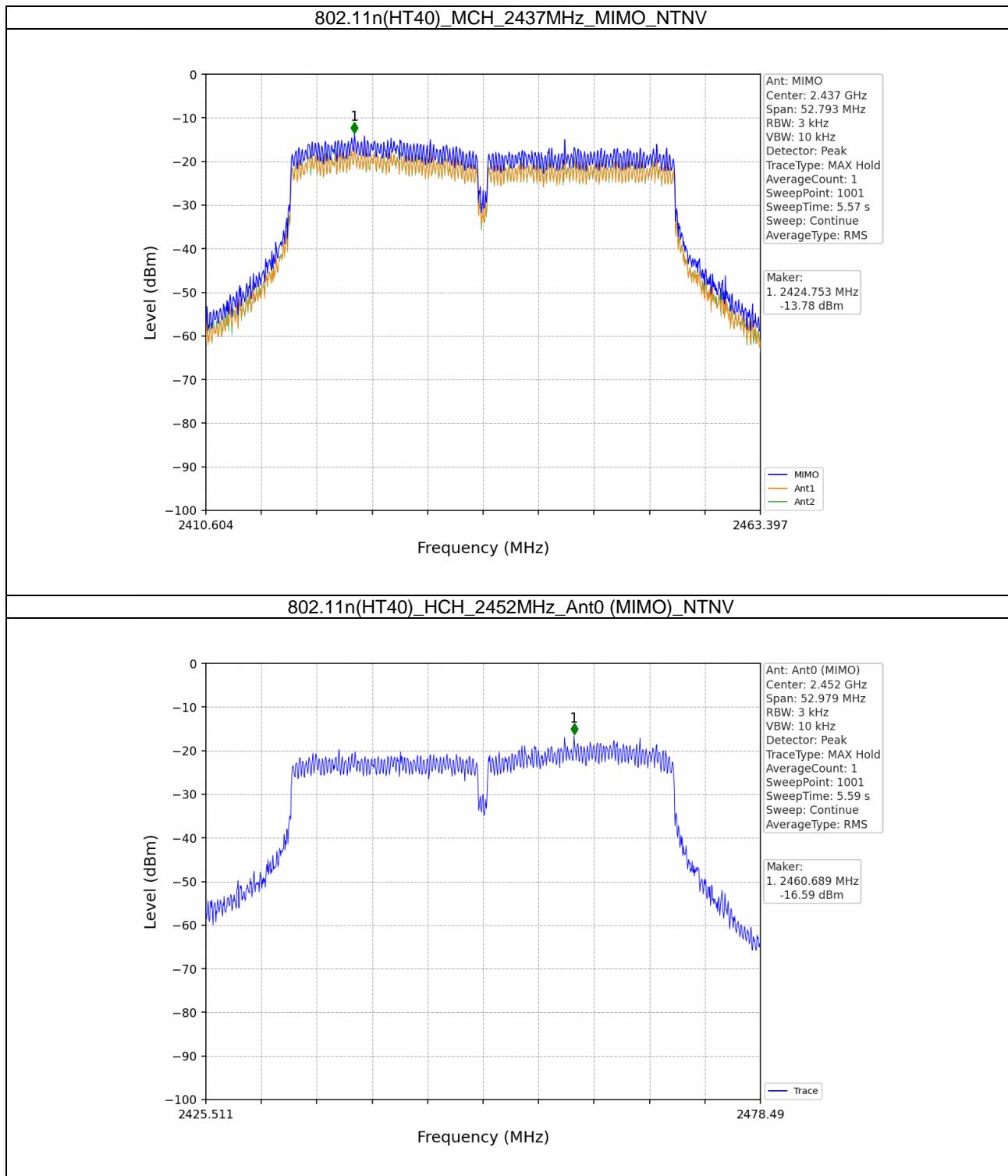
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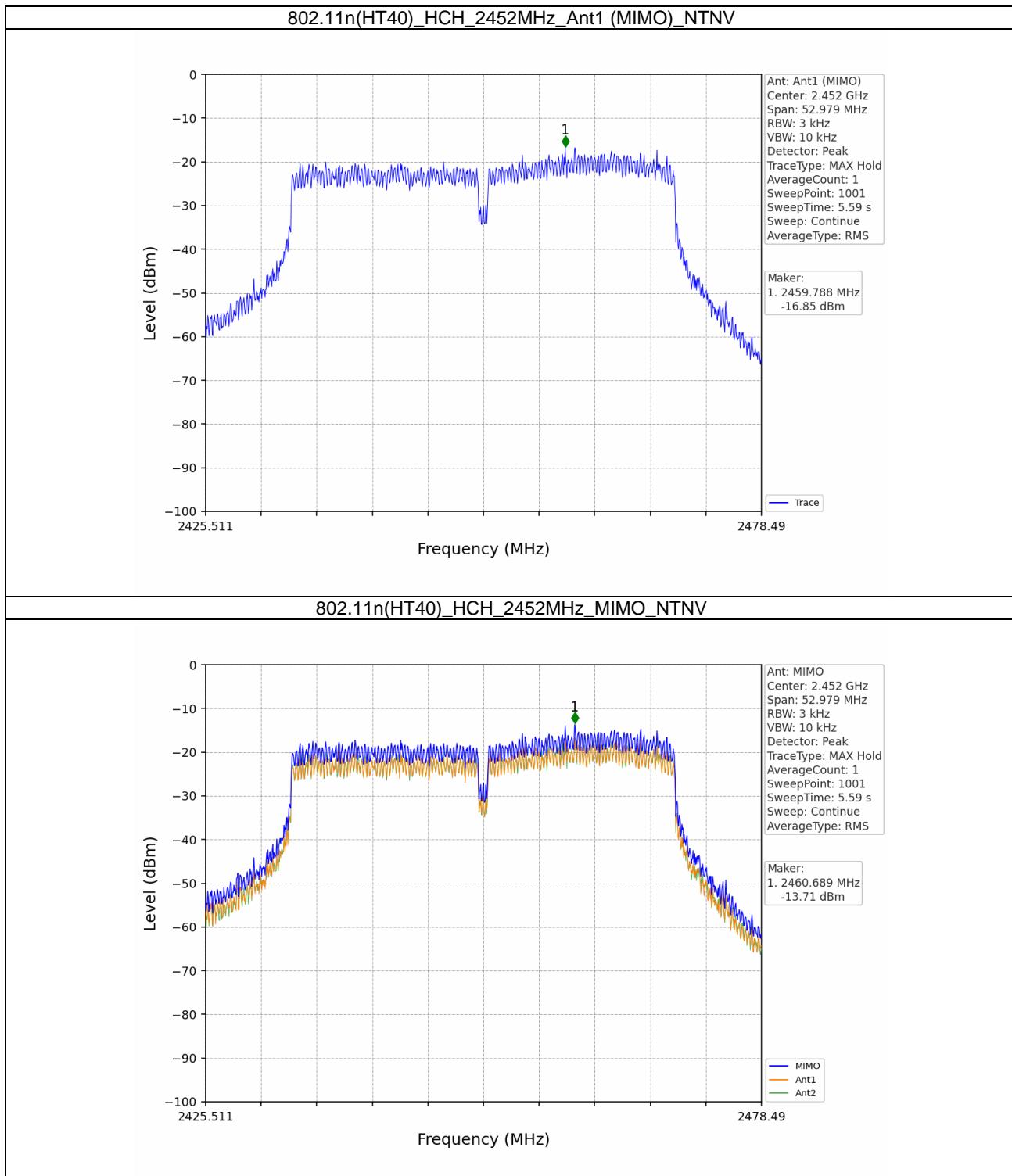
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5. Unwanted Emissions In Non-restricted Frequency Bands

5.1 Ref

5.1.1 Test Result

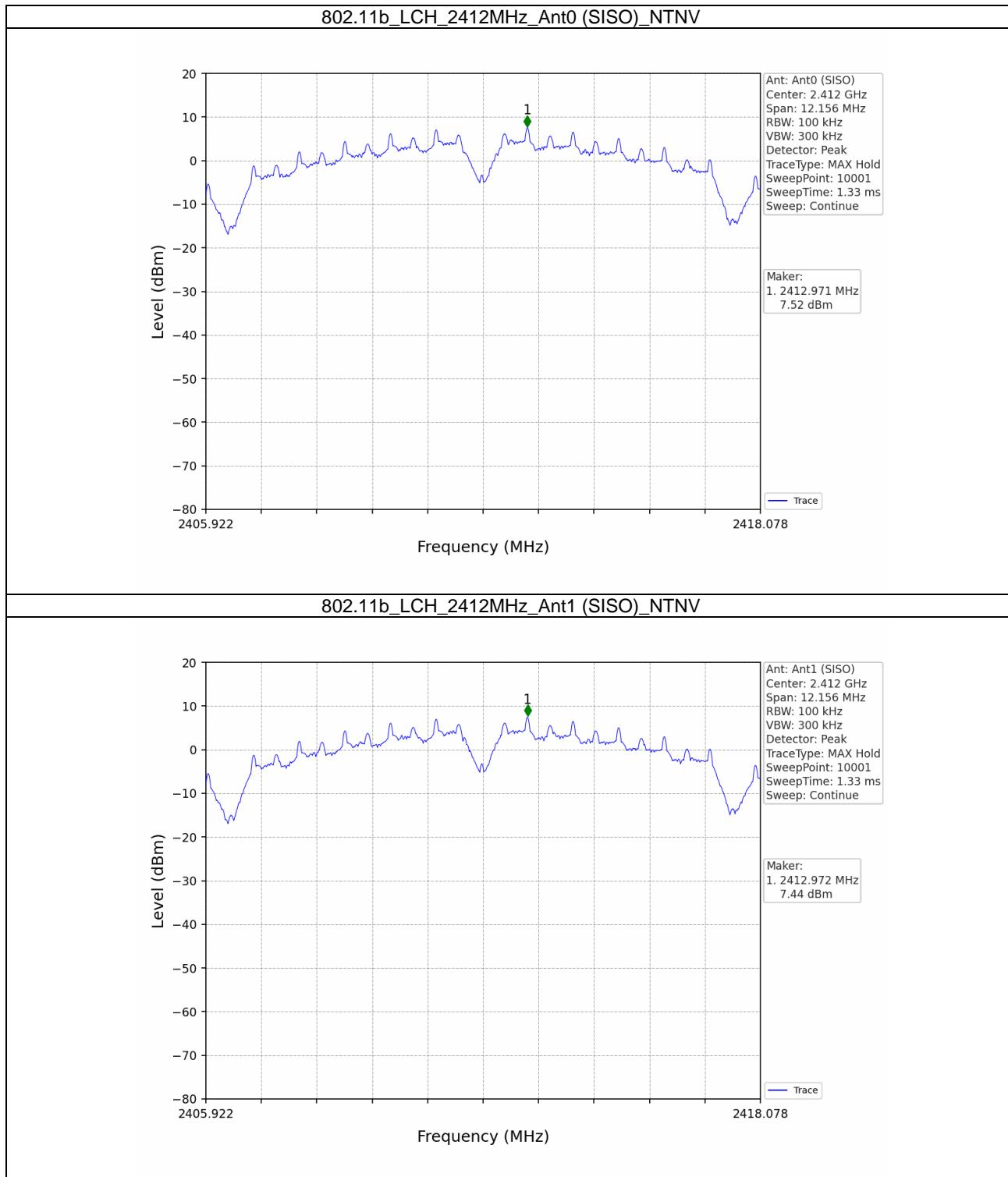
Mode	TX Type	Frequency (MHz)	ANT	Level of Reference (dBm)
802.11b	SISO	2412	0	7.52
			1	7.44
		2437	0	7.56
			1	7.49
		2462	0	8.18
			1	7.94
802.11g	SISO	2412	0	4.58
			1	4.79
		2437	0	5.14
			1	4.39
		2462	0	4.18
			1	4.08
802.11n (HT20)	MIMO	2412	0	1.29
			1	1.09
		2437	0	2.10
			1	1.19
		2462	0	1.86
			1	1.69
802.11n (HT40)	MIMO	2422	0	-1.12
			1	-1.13
		2437	0	-0.79
			1	-0.55
		2452	0	-1.57
			1	-1.03

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5.1.2 Test Graph



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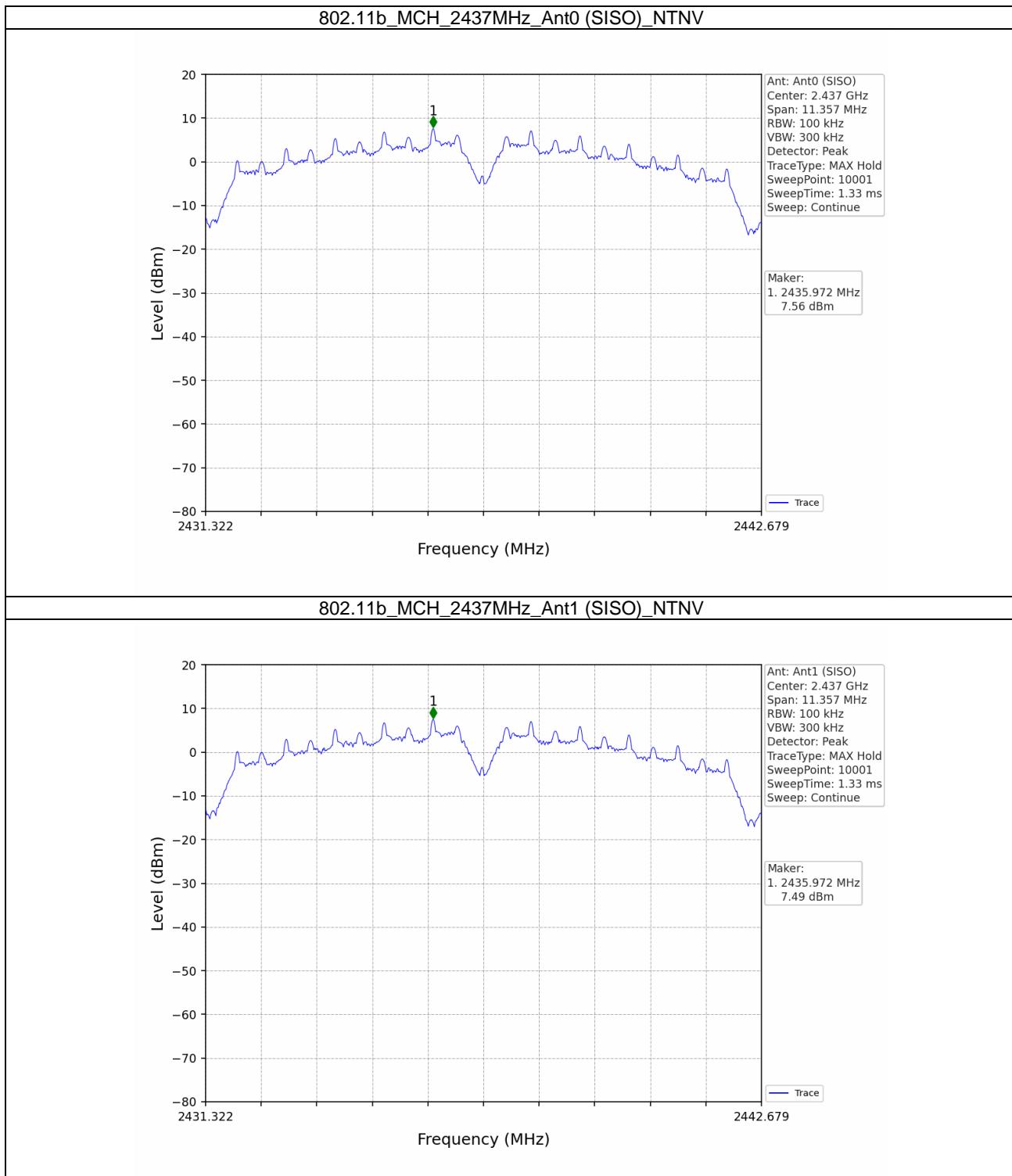


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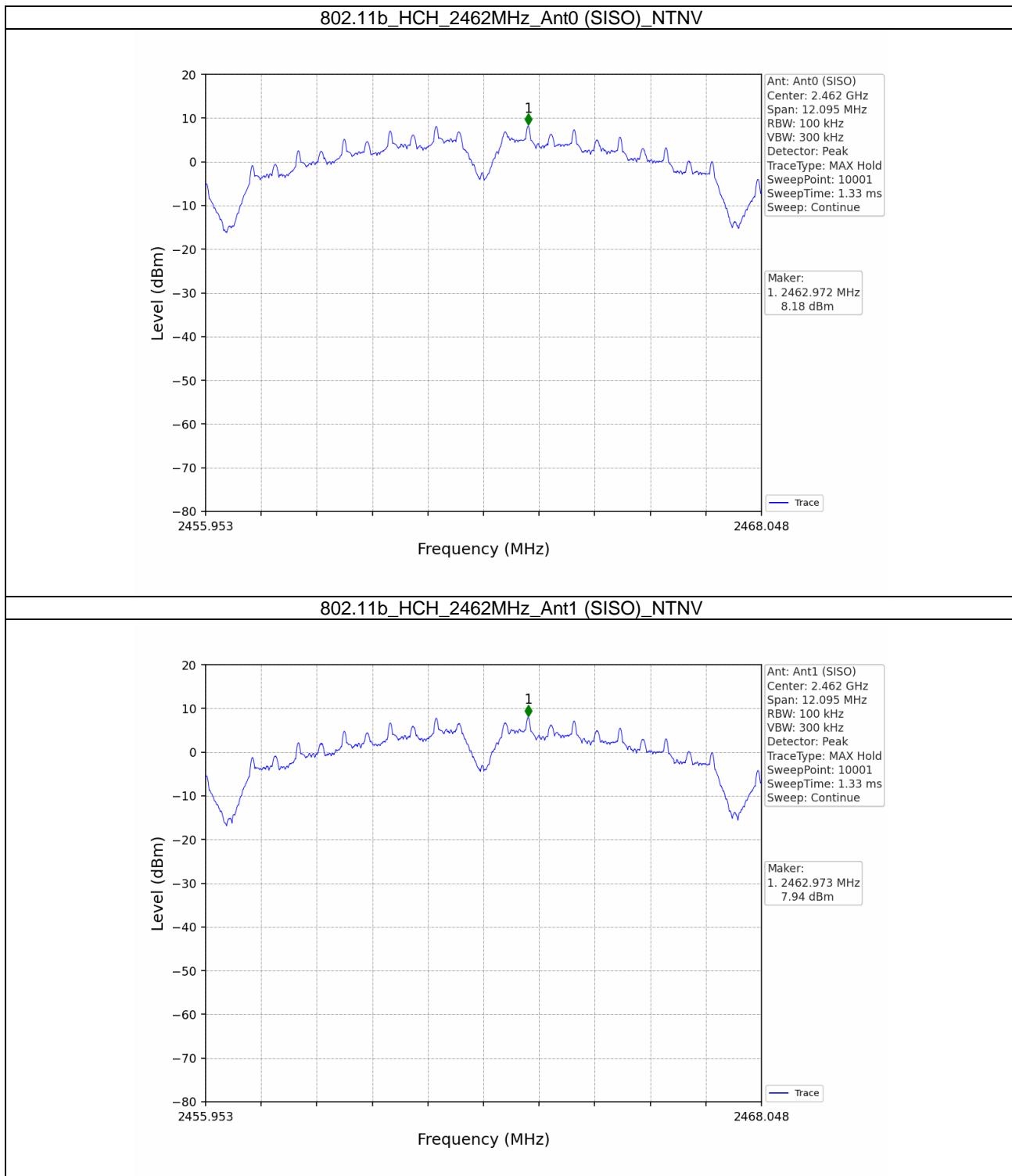
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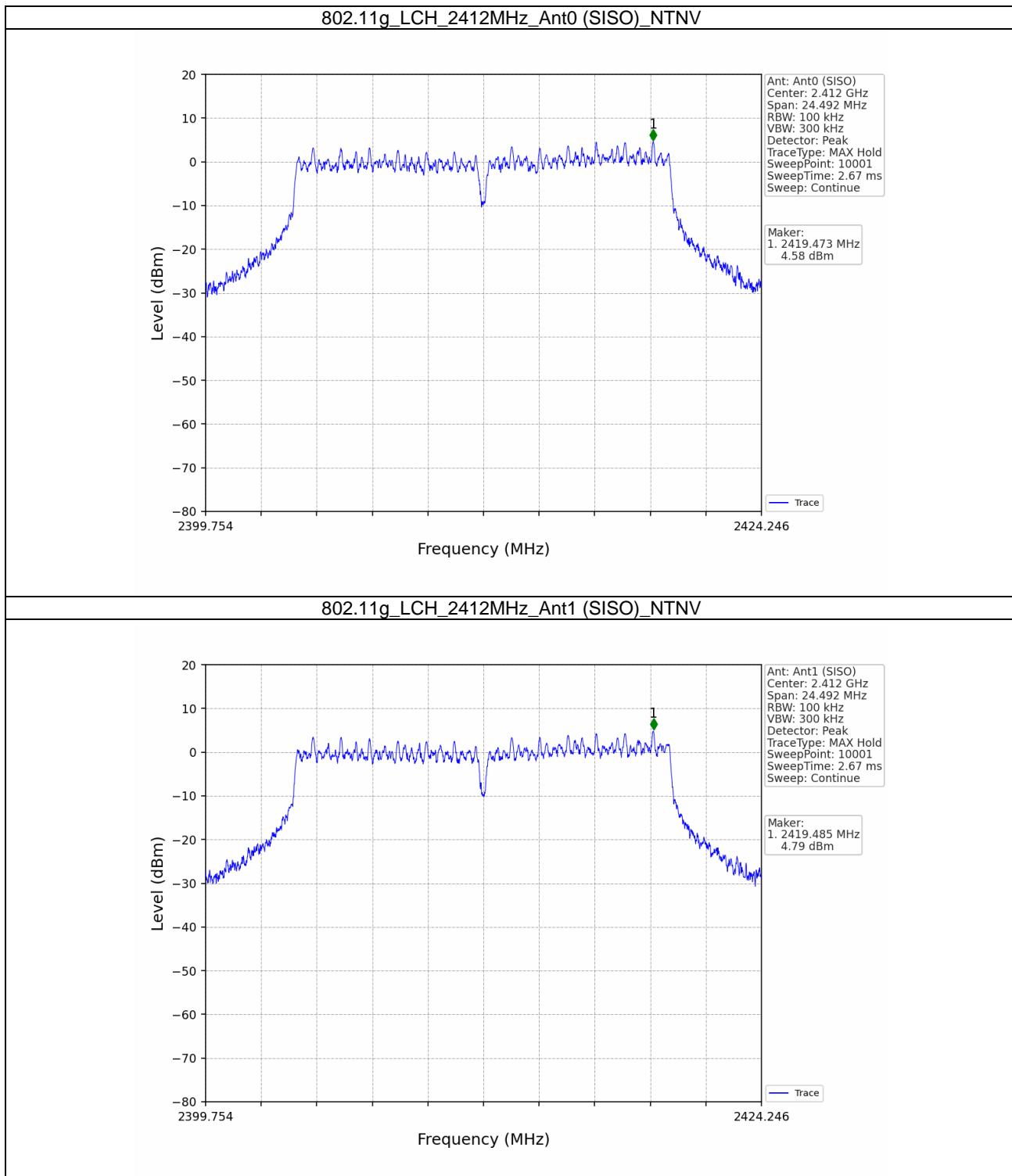


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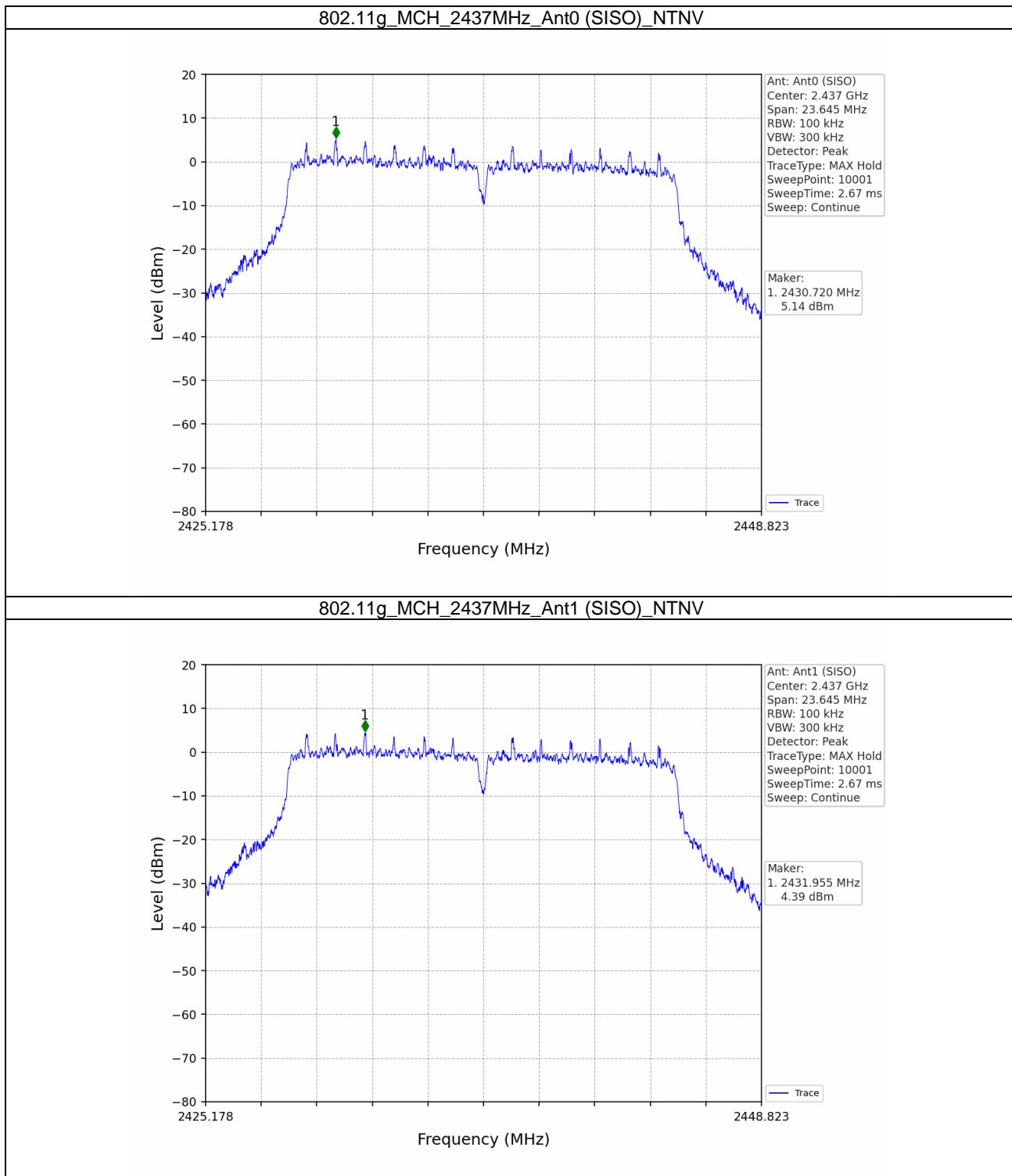


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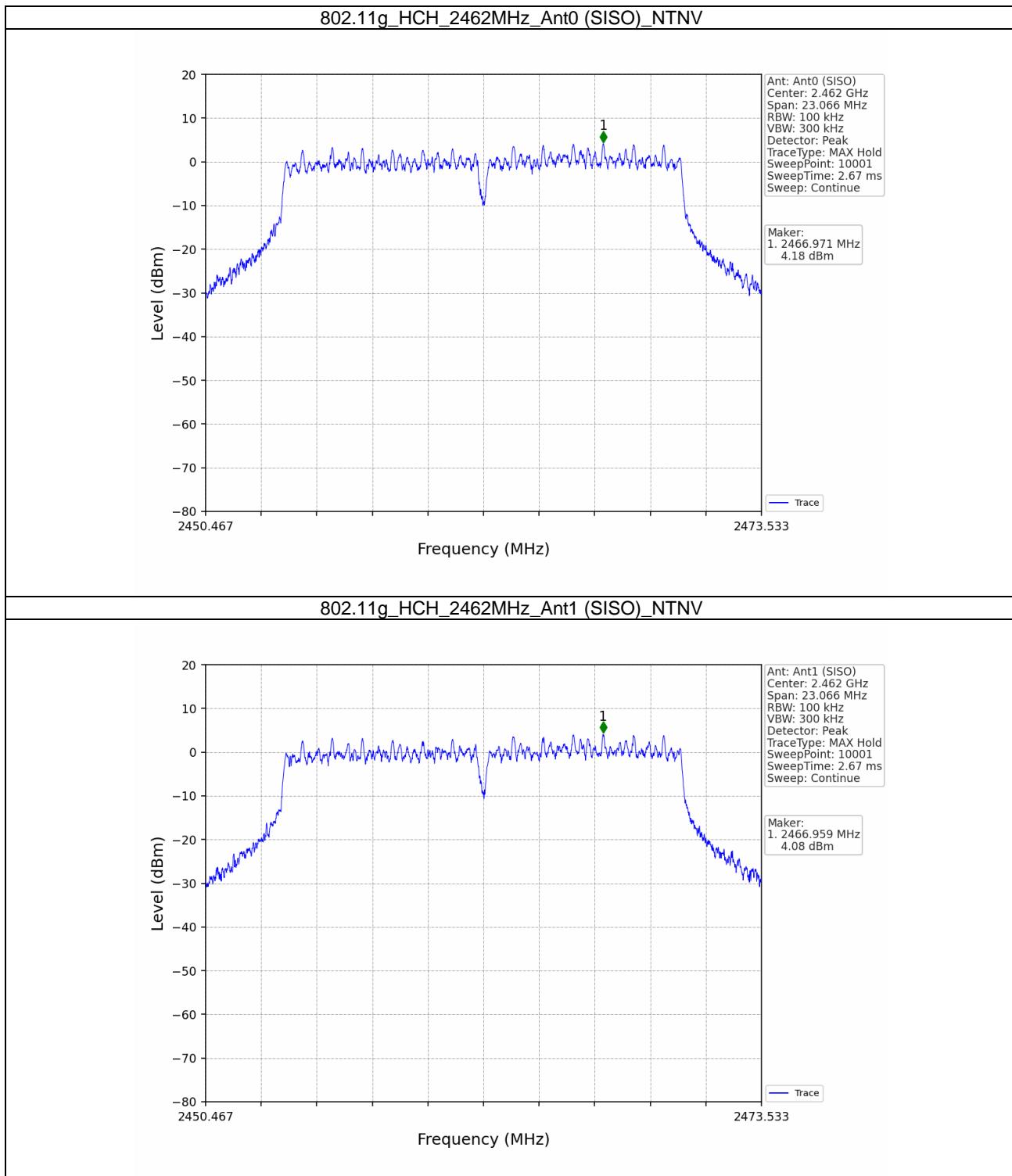


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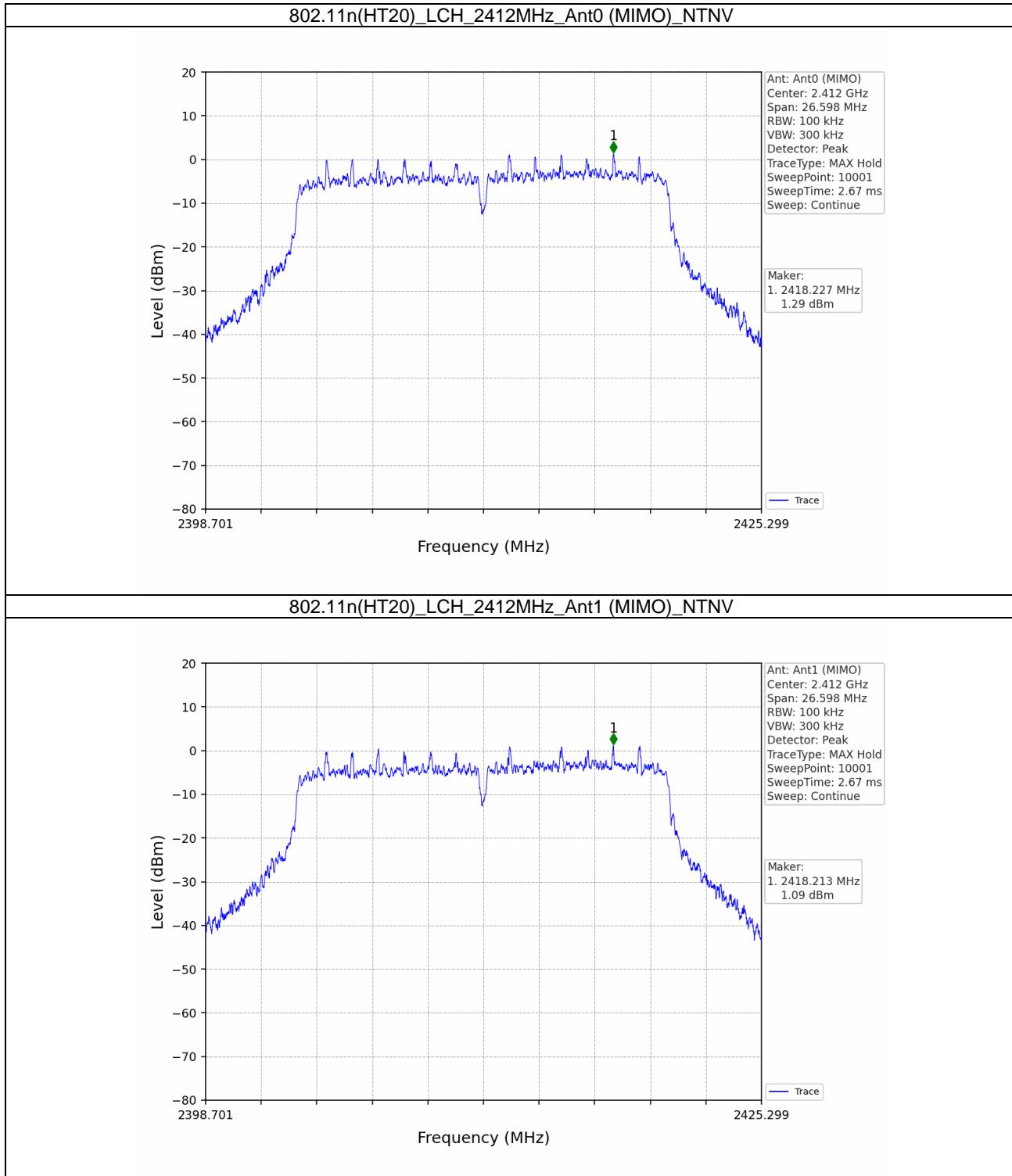


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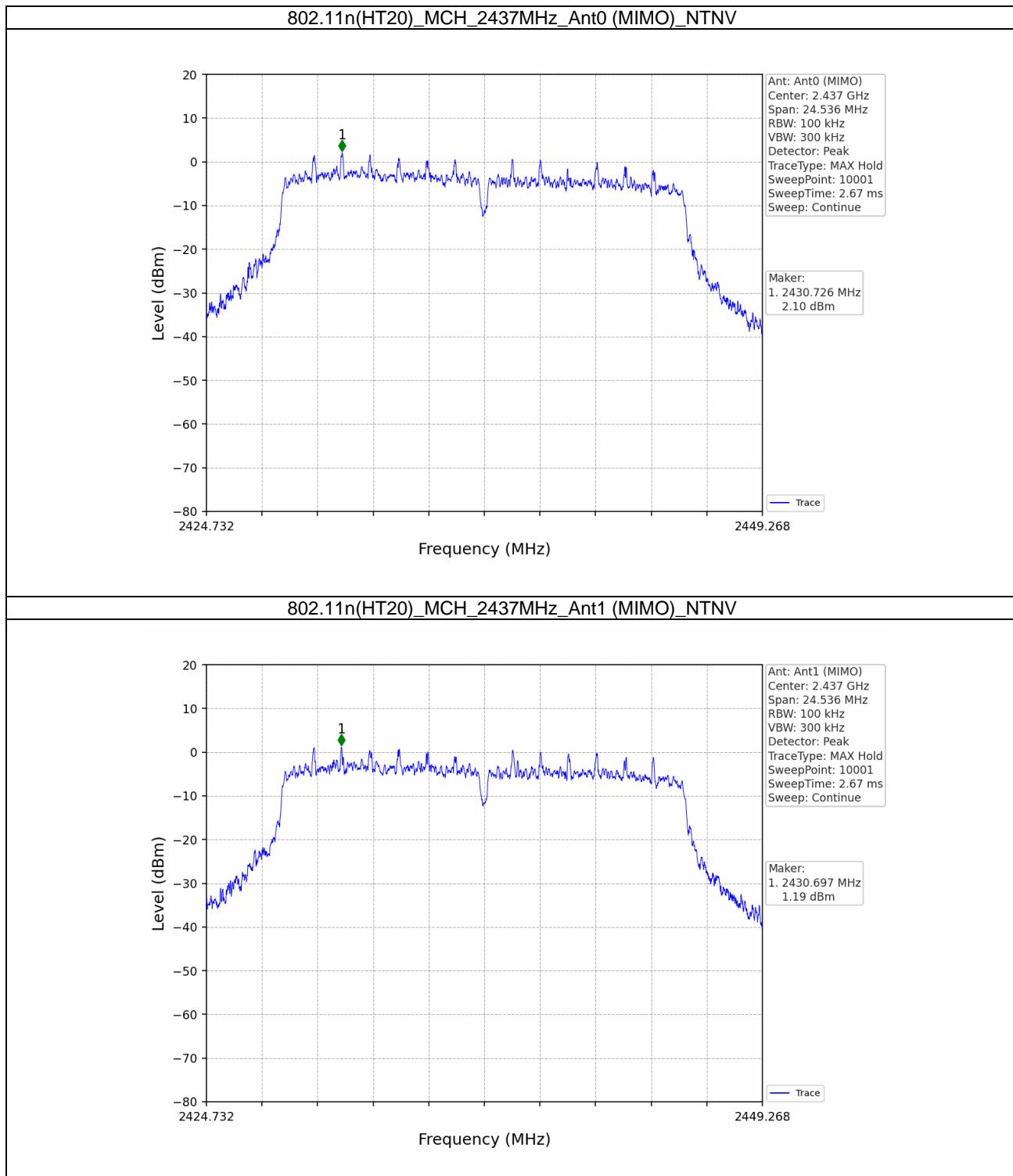


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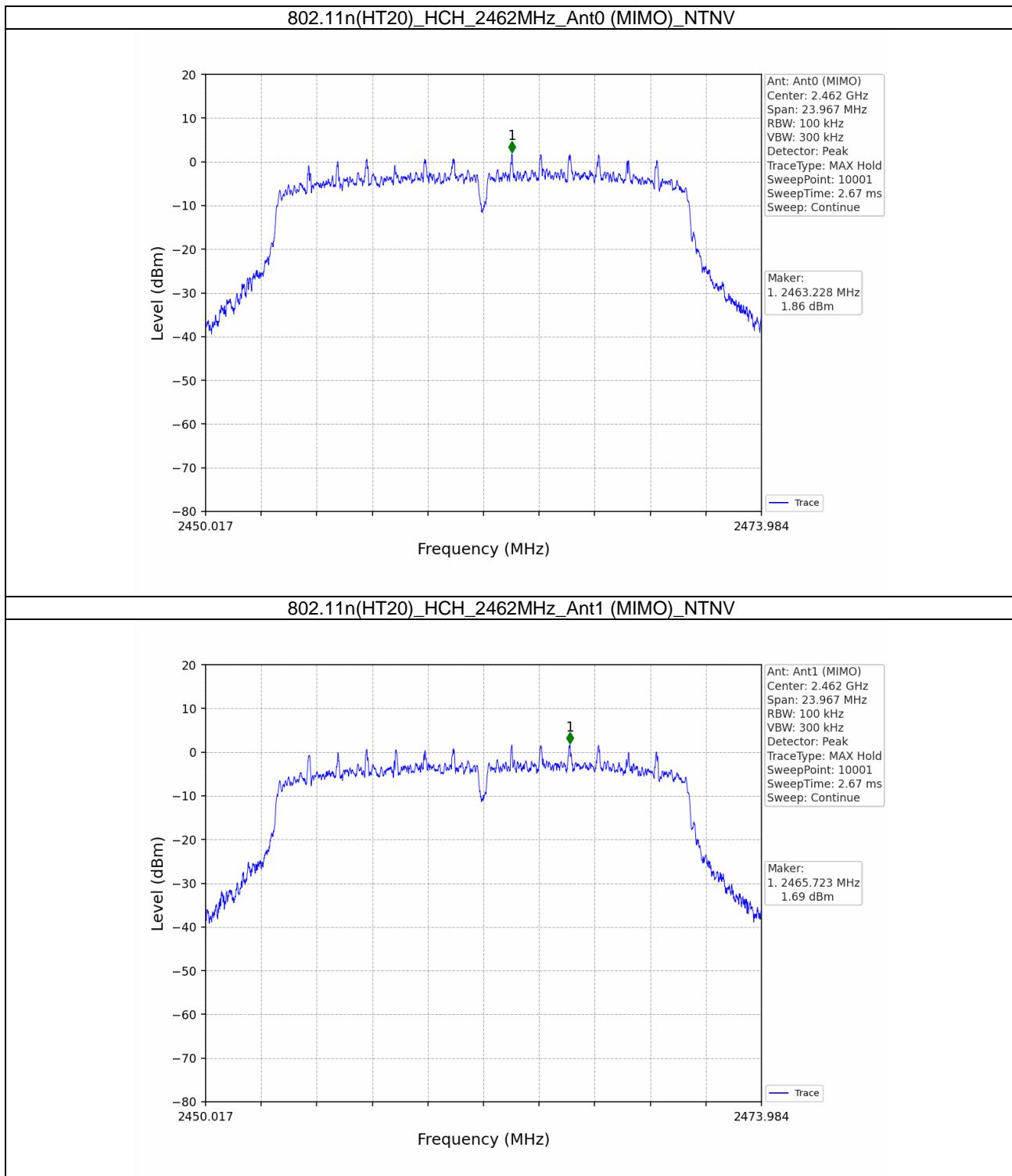


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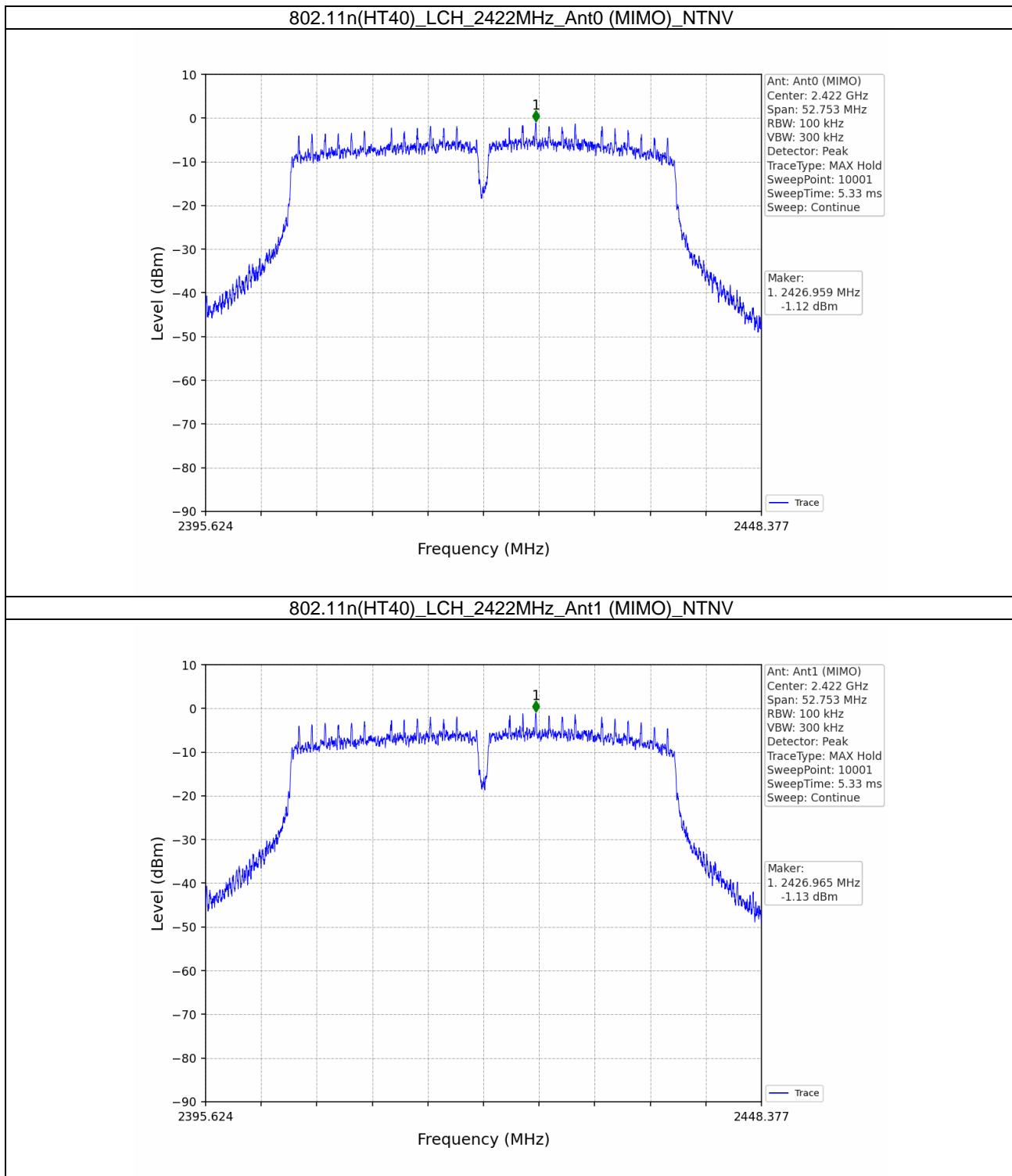
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