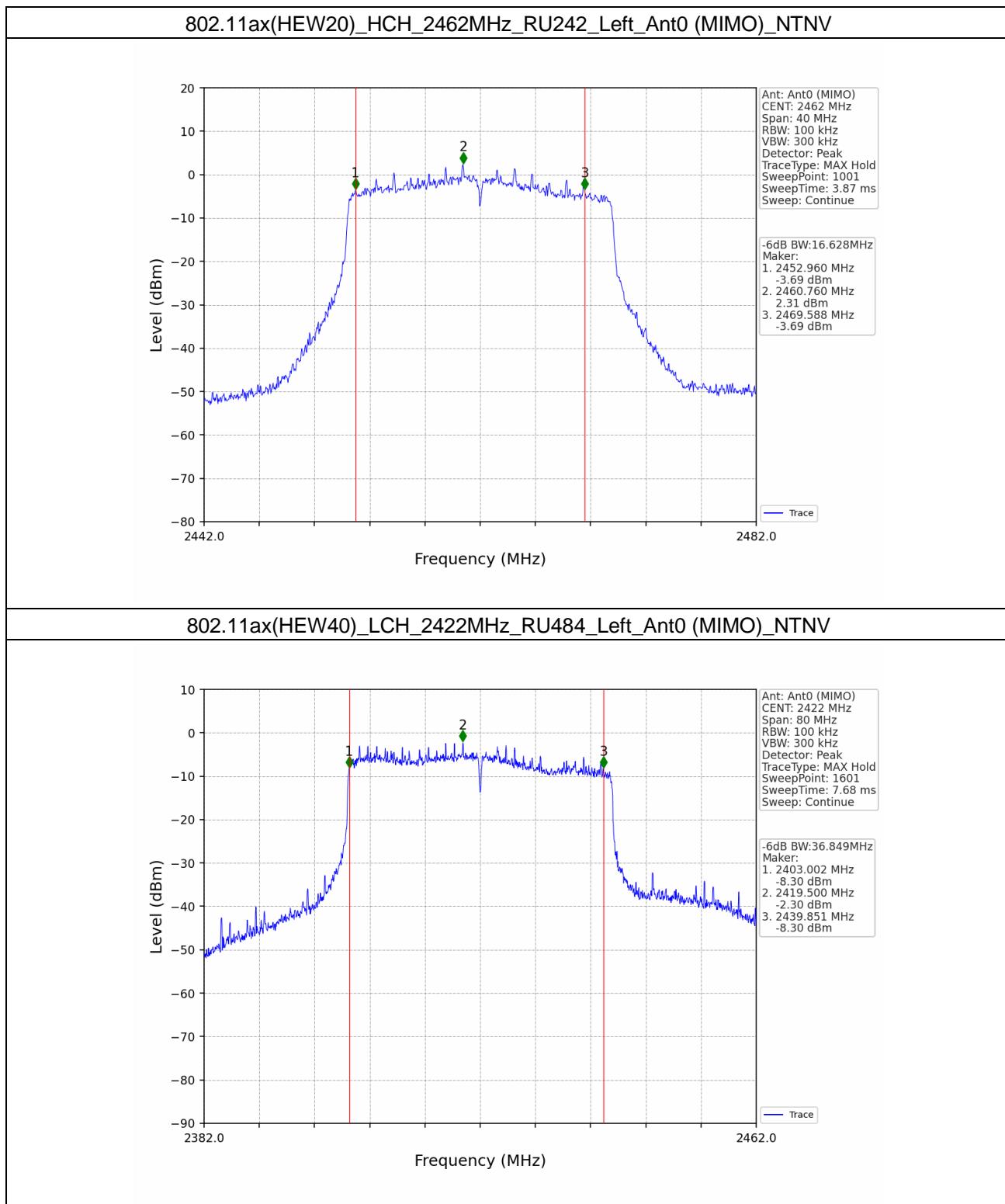


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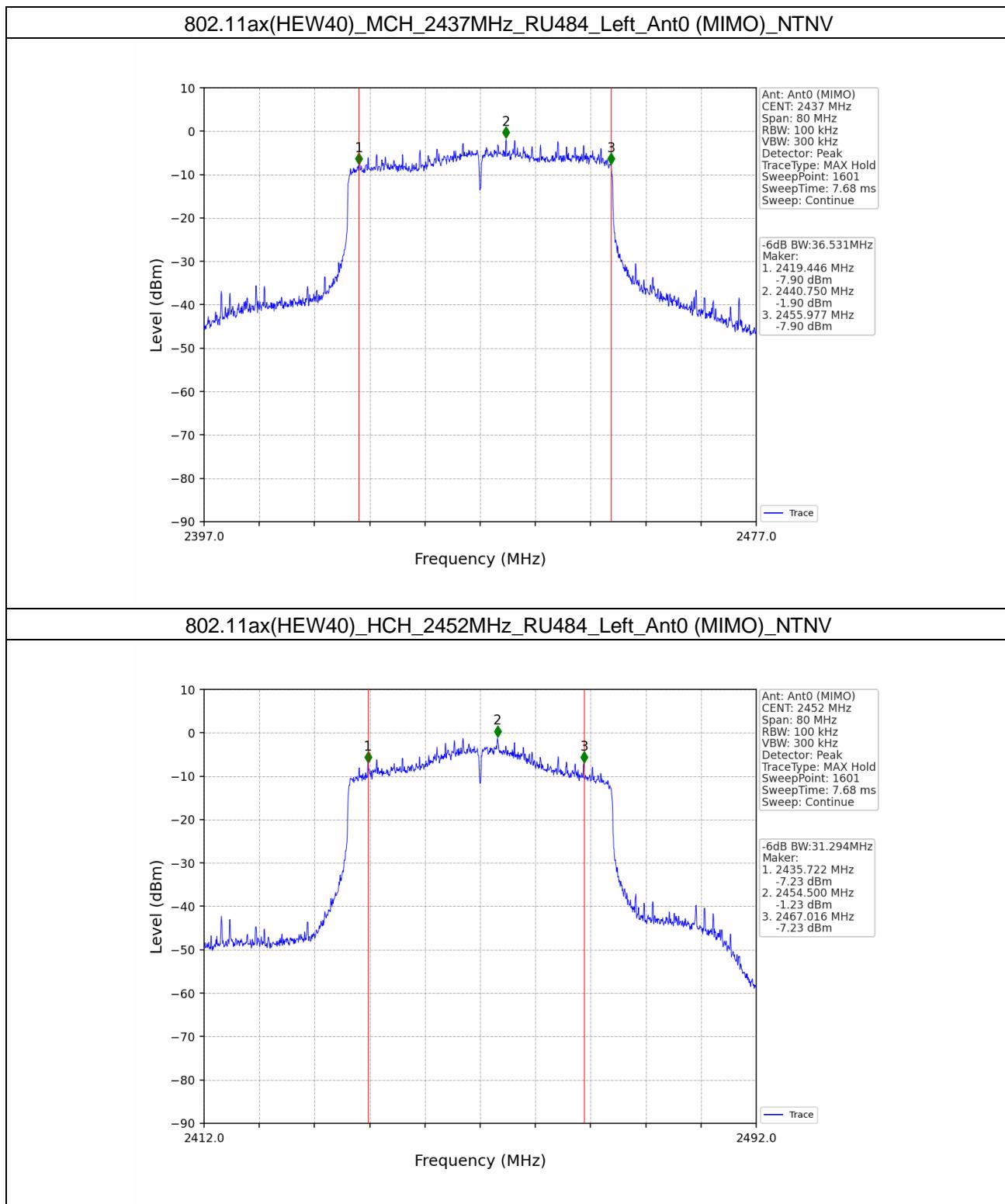


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3. Maximum Conducted Output Power

3.1 Power

3.1.1 Test Result

Mode	TX Type	Frequency (MHz)	RU	RU Pos	Maximum Average Conducted Output Power (dBm)				Verdict
					ANT0	ANT1	MIMO	Limit	
802.11b	SISO	2412	/	/	15.67	15.70	/	<=30	Pass
		2437	/	/	15.90	16.10	/	<=30	Pass
		2462	/	/	16.29	16.25	/	<=30	Pass
802.11g	SISO	2412	/	/	16.24	15.99	/	<=30	Pass
		2437	/	/	15.94	16.04	/	<=30	Pass
		2462	/	/	16.11	16.06	/	<=30	Pass
802.11n (HT20)	MIMO	2412	/	/	11.53	13.60	15.70	<=30	Pass
		2437	/	/	10.42	13.57	15.28	<=30	Pass
		2462	/	/	11.56	13.70	15.77	<=30	Pass
802.11n (HT40)	MIMO	2422	/	/	11.94	14.29	16.28	<=30	Pass
		2437	/	/	11.94	14.73	16.57	<=30	Pass
		2452	/	/	11.77	14.58	16.41	<=30	Pass
802.11ax (HEW20)	MIMO	2412	RU242	Left	11.65	13.81	15.87	<=30	Pass
		2437	RU242	Left	10.61	13.71	15.44	<=30	Pass
		2462	RU242	Left	11.66	13.83	15.89	<=30	Pass
802.11ax (HEW40)	MIMO	2422	RU484	Left	10.63	12.96	14.96	<=30	Pass
		2437	RU484	Left	10.73	13.43	15.30	<=30	Pass
		2452	RU484	Left	10.35	13.28	15.07	<=30	Pass

Note1: Antenna Gain: Ant0: 2.5dBi, Ant1: 3.5dBi,
 Note2: Directional gain= = gain of individual transmit antennas (dBi) + array gain (dB)=3.5dBi
 Array Gain = 0 dB for $N_{ANT} \leq 4$

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4. Maximum Power Spectral Density

4.1 PSD

4.1.1 Test Result

Mode	TX Type	Frequency (MHz)	RU	RU Pos	Maximum PSD (dBm/3kHz)				Verdict
					ANT0	ANT1	MIMO	Limit	
802.11b	SISO	2412	/	/	-7.54	-7.54	/	<=8	Pass
		2437	/	/	-7.28	-7.15	/	<=8	Pass
		2462	/	/	-7.58	-6.84	/	<=8	Pass
802.11g	SISO	2412	/	/	-10.22	-9.20	/	<=8	Pass
		2437	/	/	-9.27	-8.85	/	<=8	Pass
		2462	/	/	-8.37	-10.45	/	<=8	Pass
802.11n (HT20)	MIMO	2412	/	/	-12.86	-10.83	-9.46	<=8	Pass
		2437	/	/	-14.40	-10.90	-9.97	<=8	Pass
		2462	/	/	-13.00	-8.29	-7.51	<=8	Pass
802.11n (HT40)	MIMO	2422	/	/	-15.96	-13.42	-12.21	<=8	Pass
		2437	/	/	-15.15	-13.74	-11.65	<=8	Pass
		2452	/	/	-14.71	-12.63	-10.91	<=8	Pass
802.11ax (HEW20)	MIMO	2412	RU242	Left	-13.82	-11.25	-10.03	<=8	Pass
		2437	RU242	Left	-14.33	-11.91	-10.97	<=8	Pass
		2462	RU242	Left	-13.74	-10.73	-9.18	<=8	Pass
802.11ax (HEW40)	MIMO	2422	RU484	Left	-15.89	-15.46	-13.90	<=8	Pass
		2437	RU484	Left	-17.00	-14.79	-13.55	<=8	Pass
		2452	RU484	Left	-17.15	-14.84	-13.02	<=8	Pass

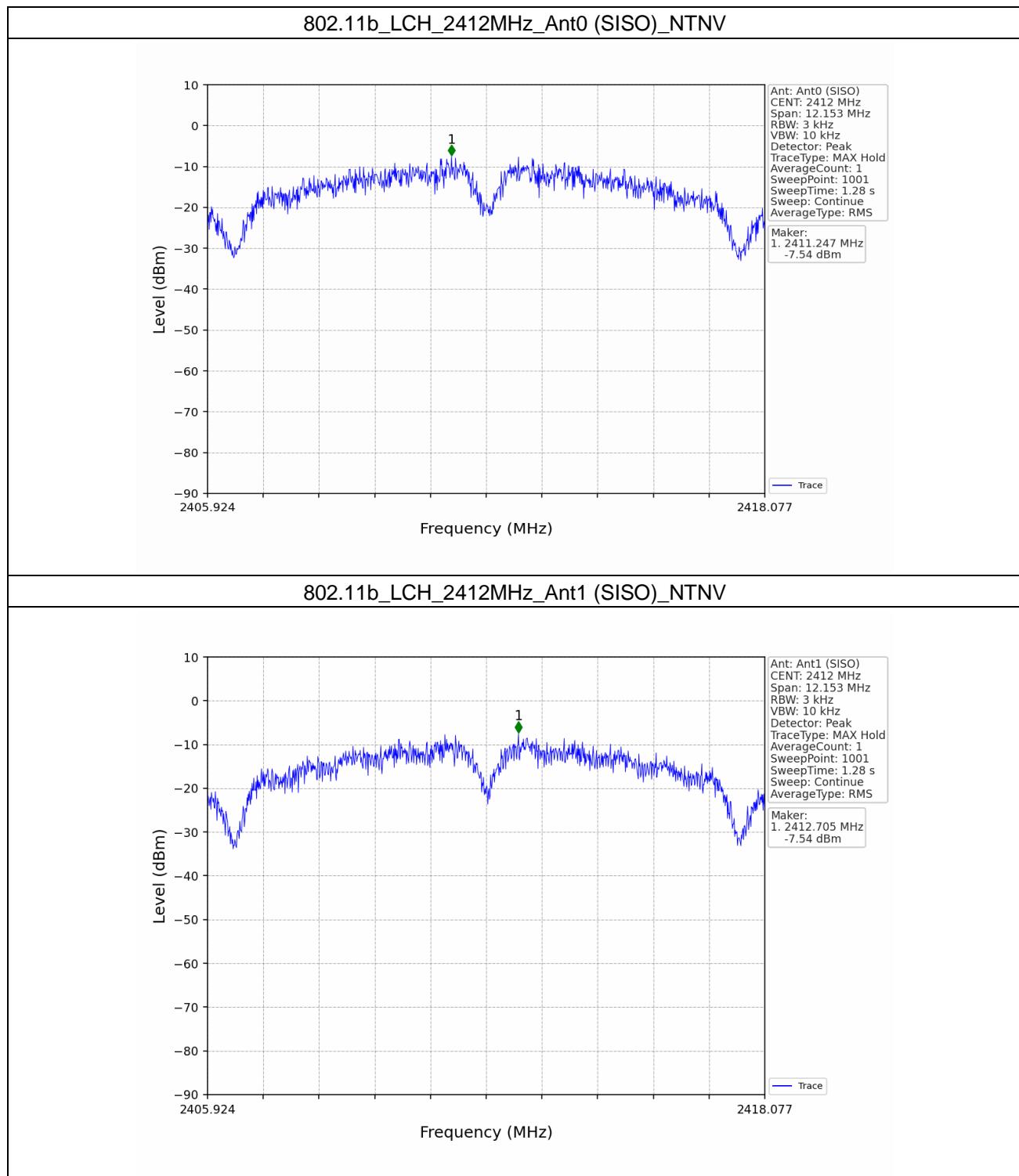
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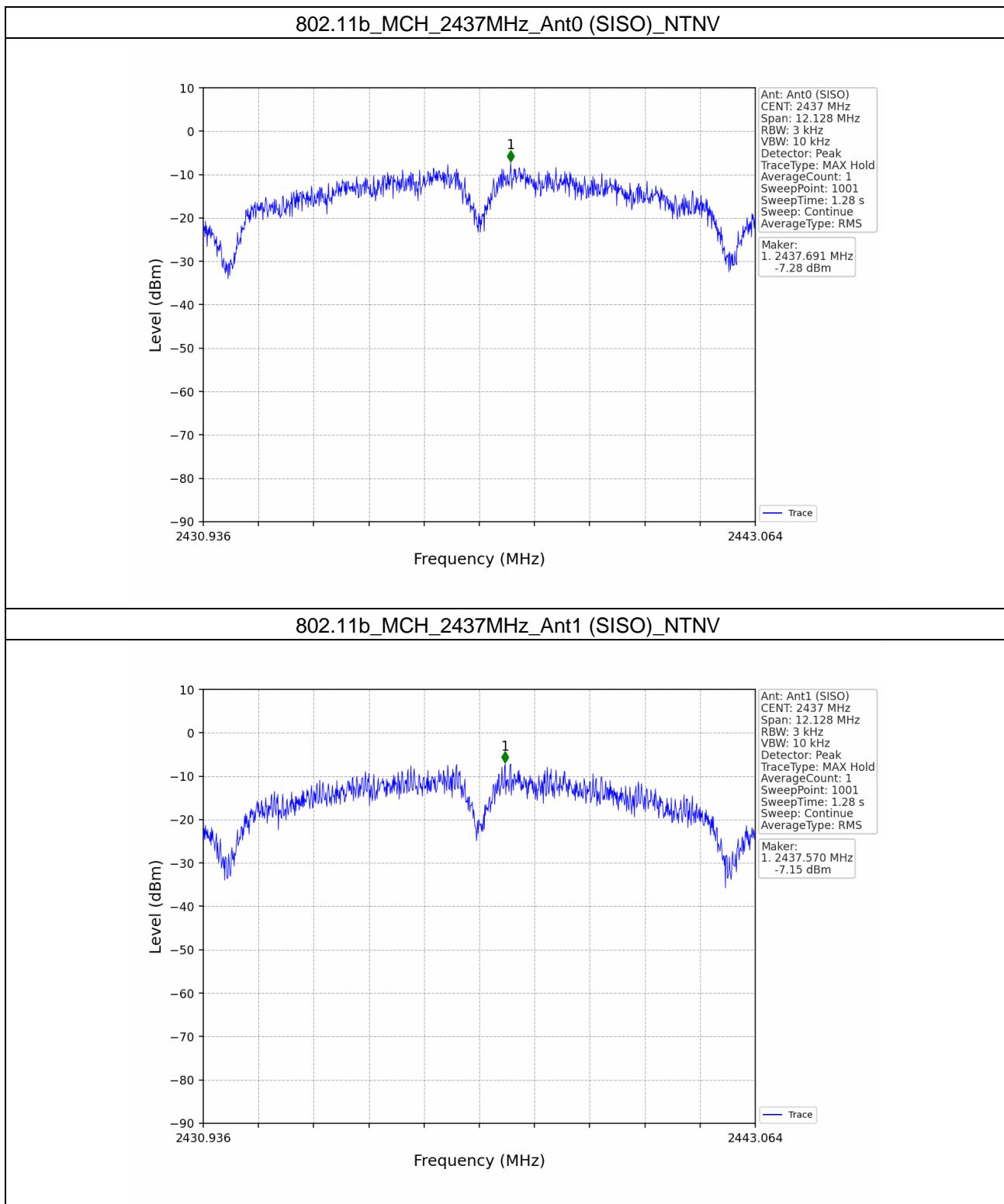


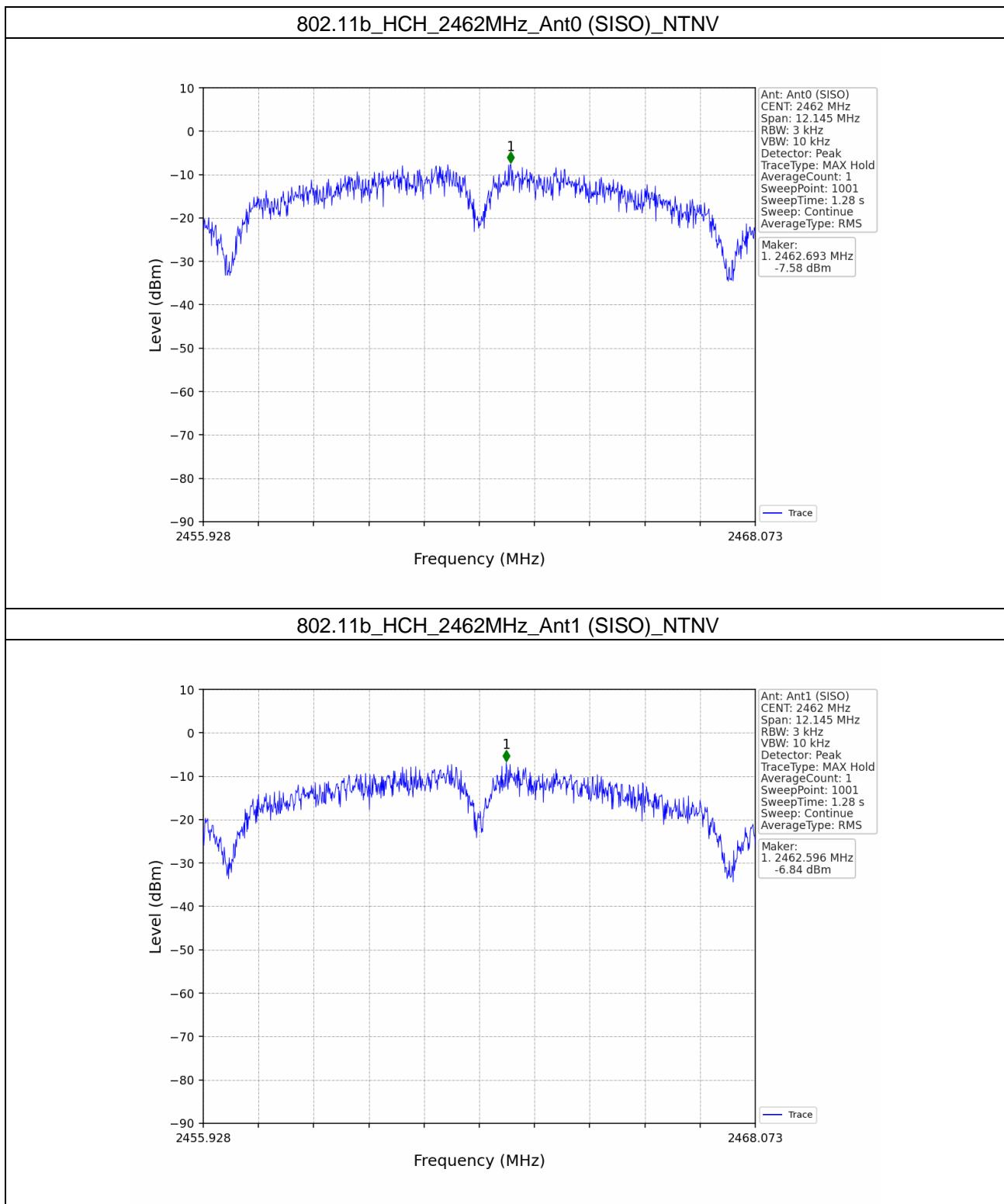
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4.1.2 Test Graph

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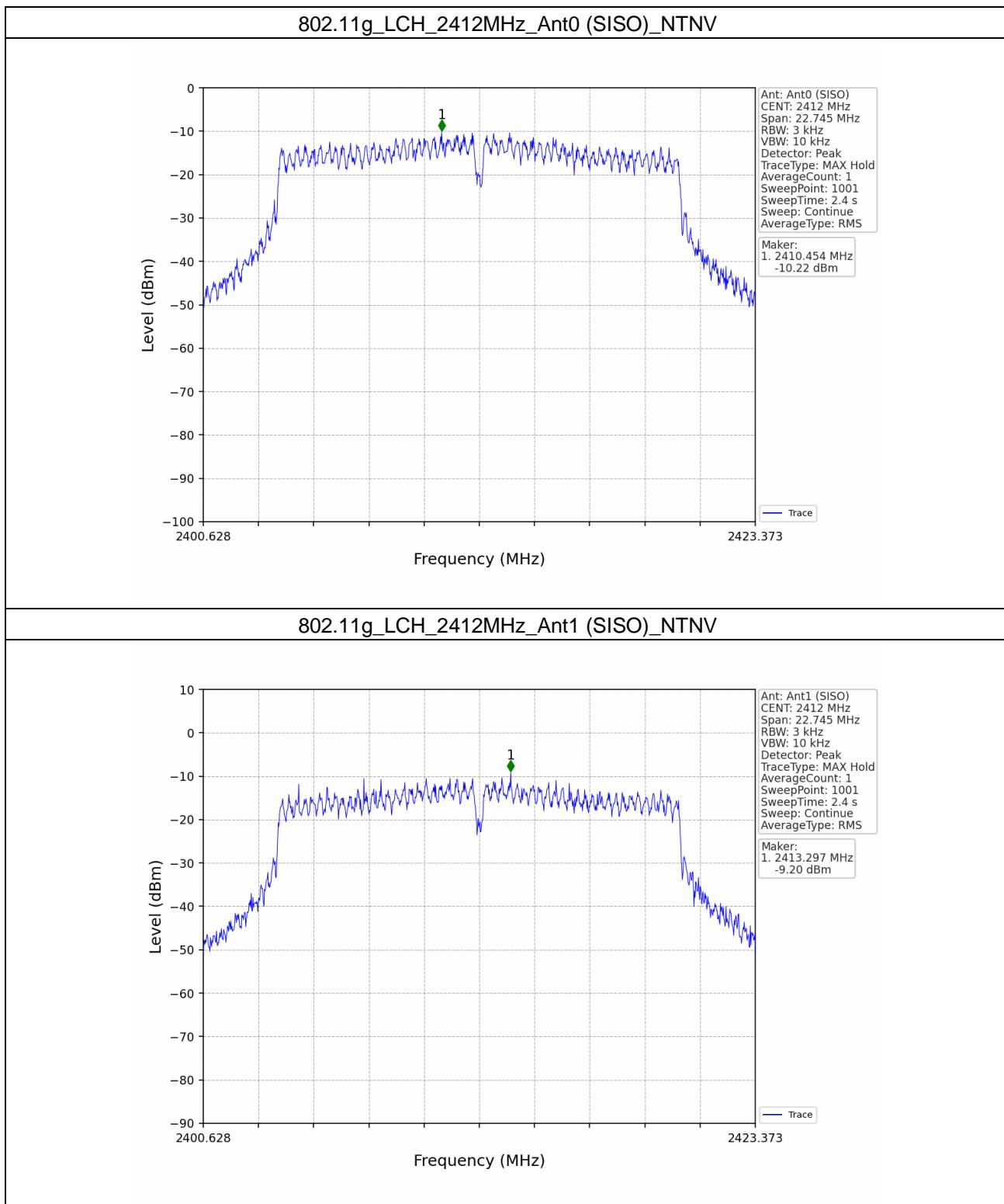
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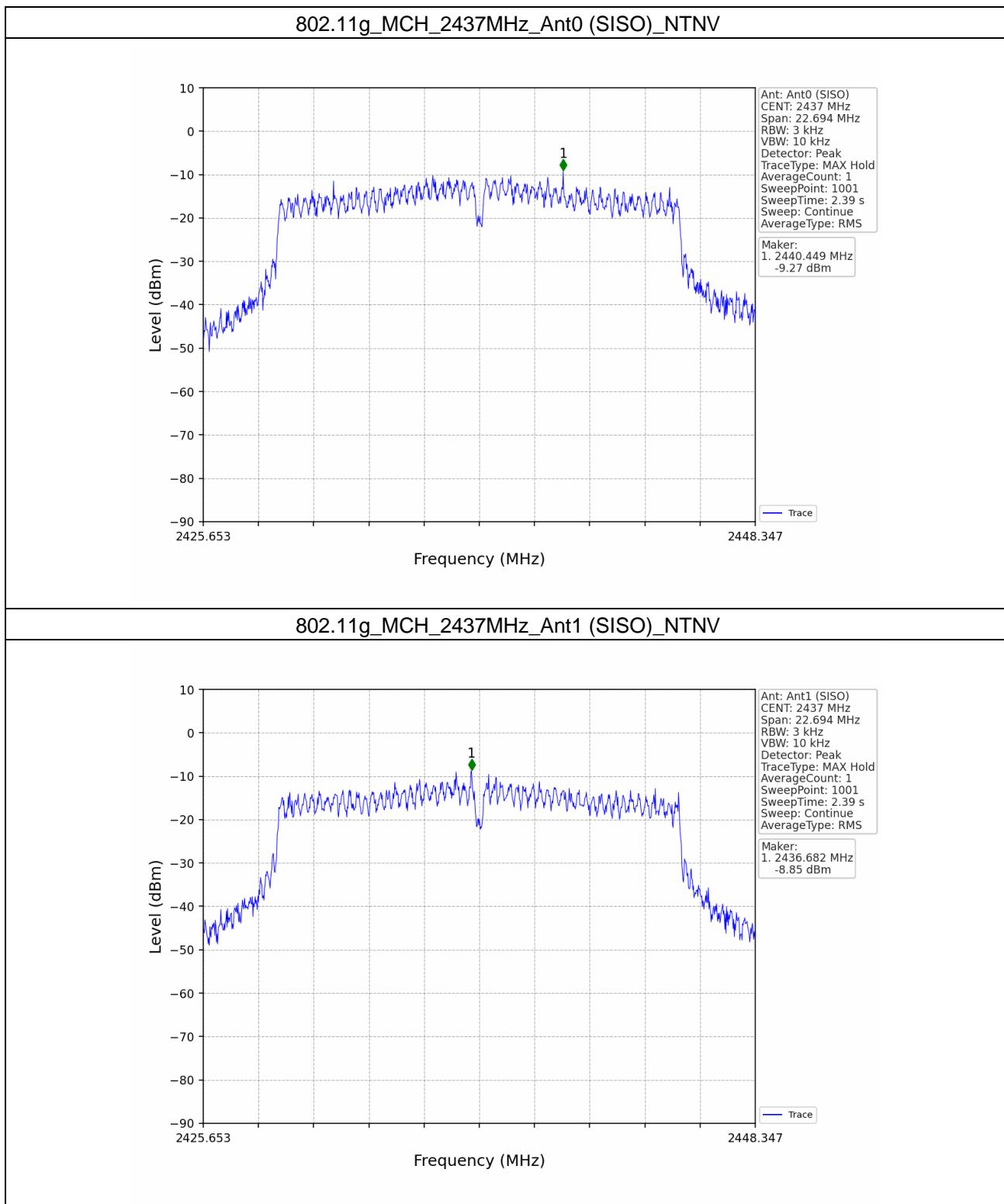
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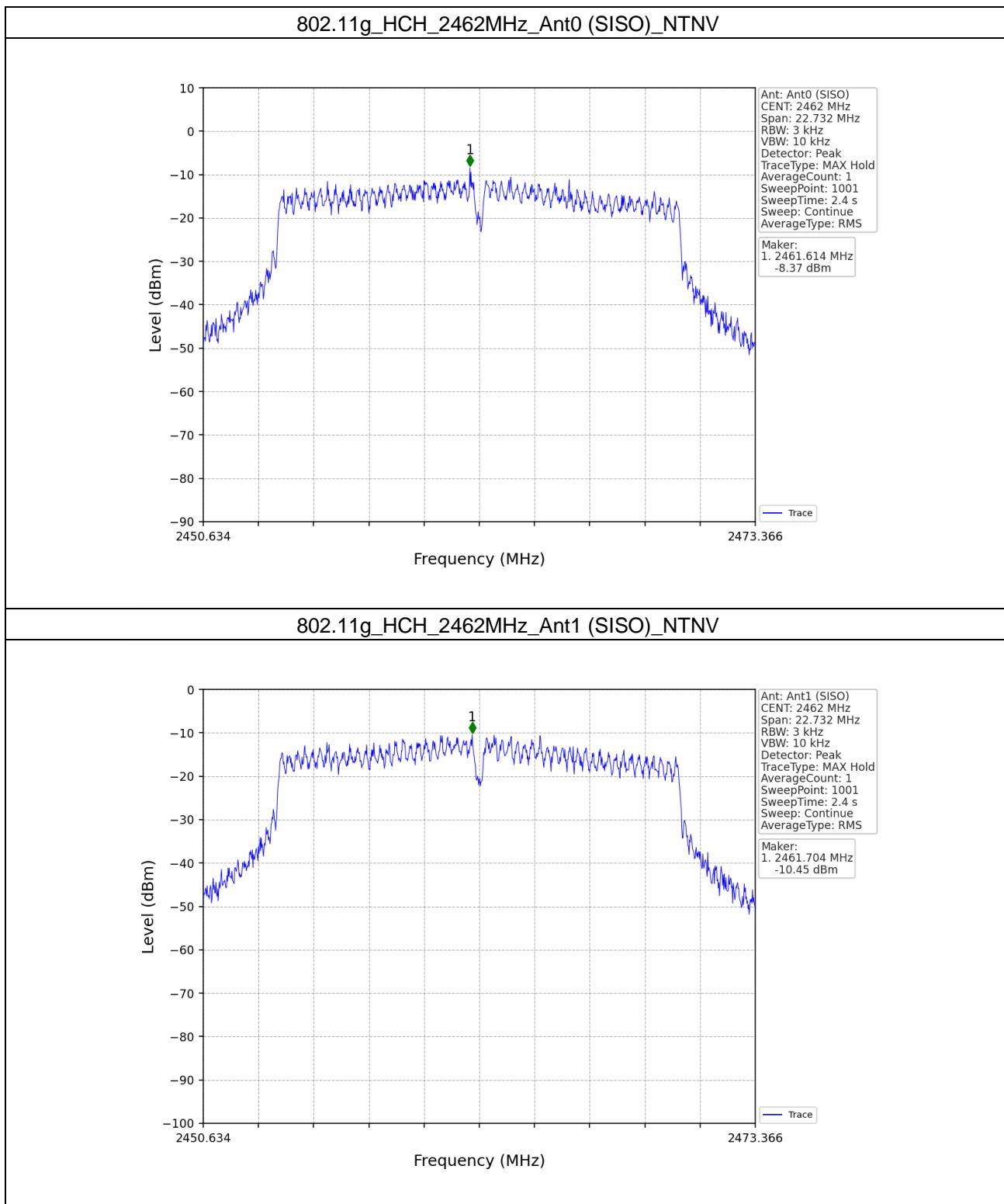
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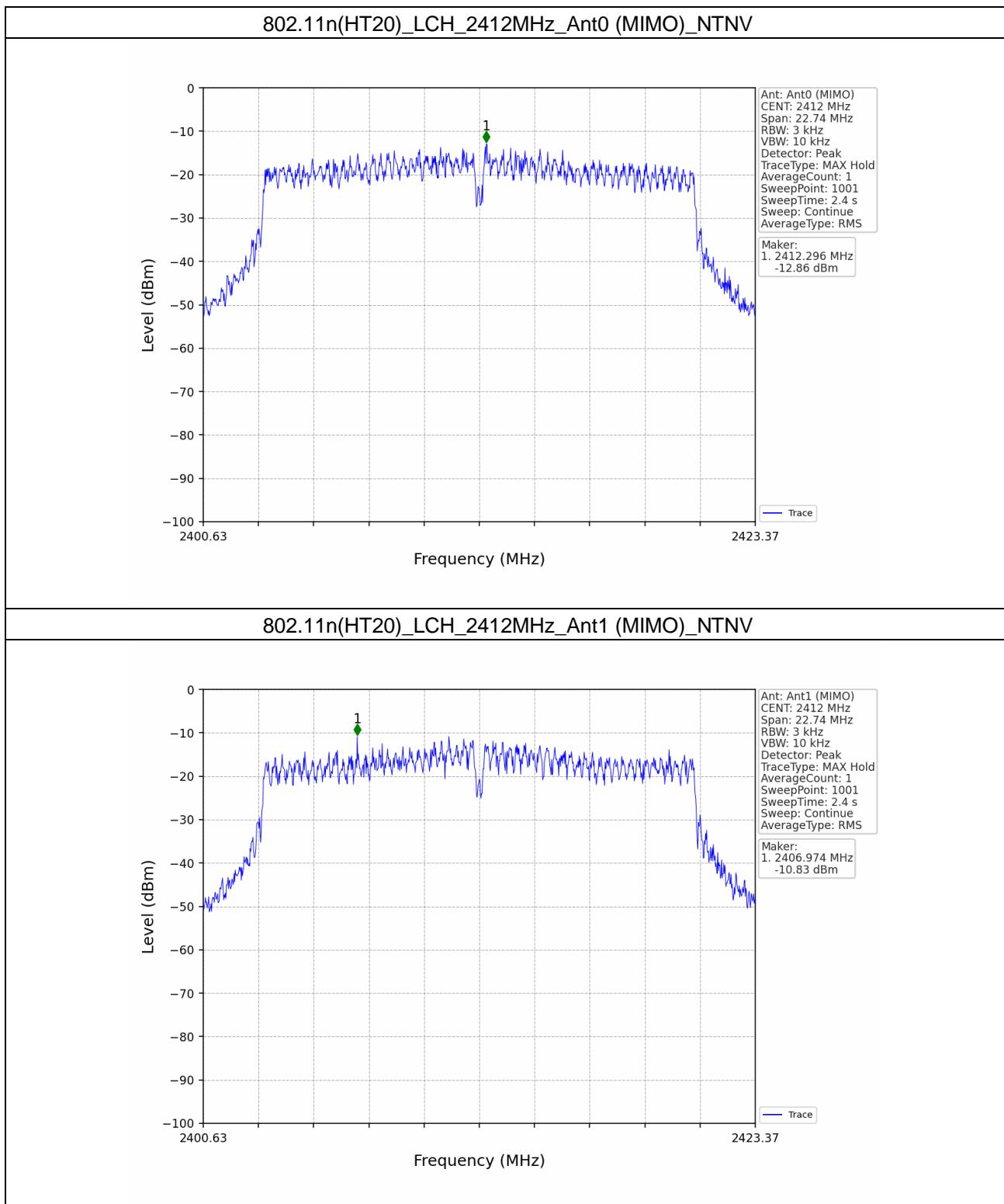


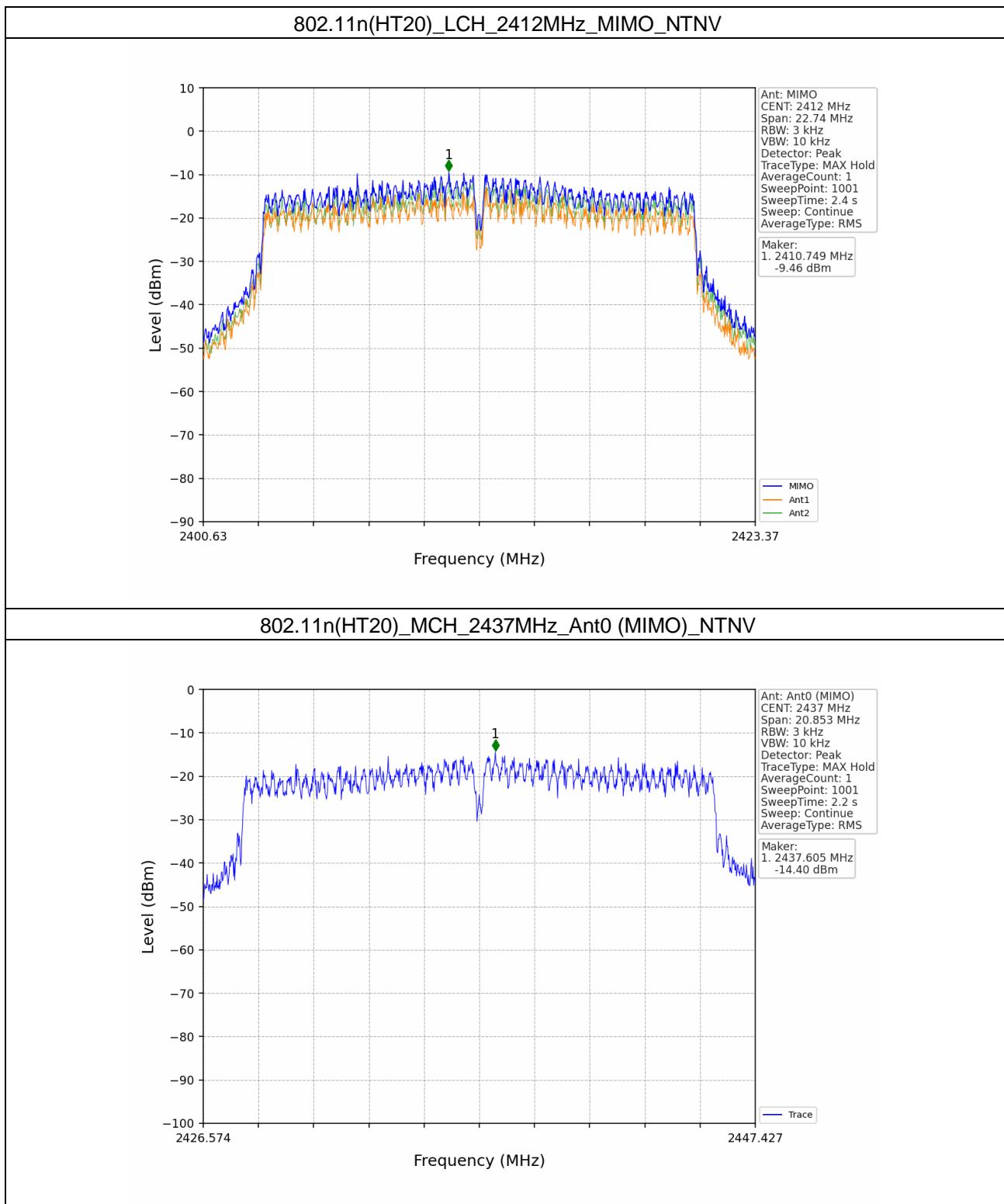
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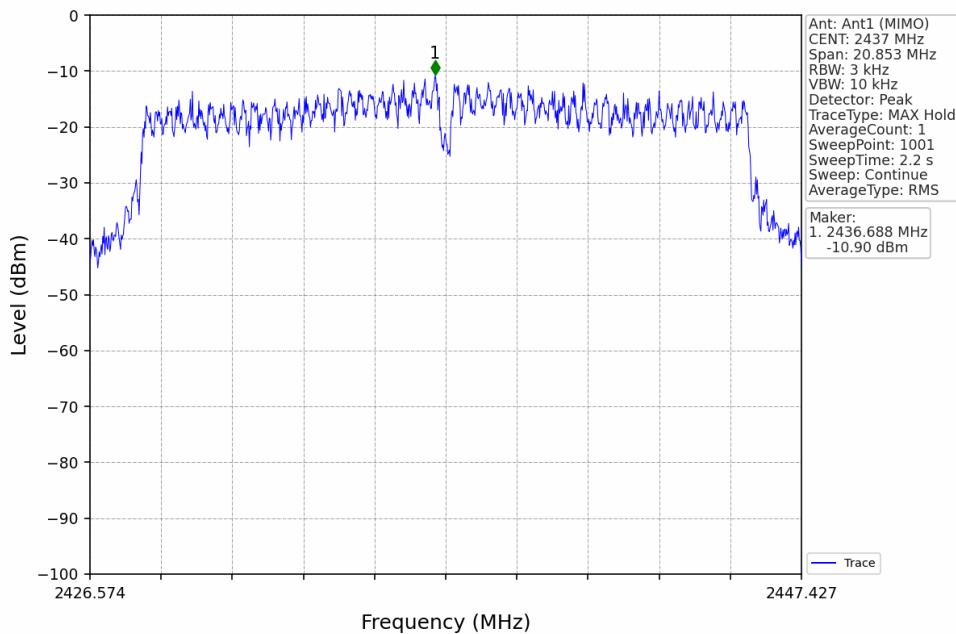
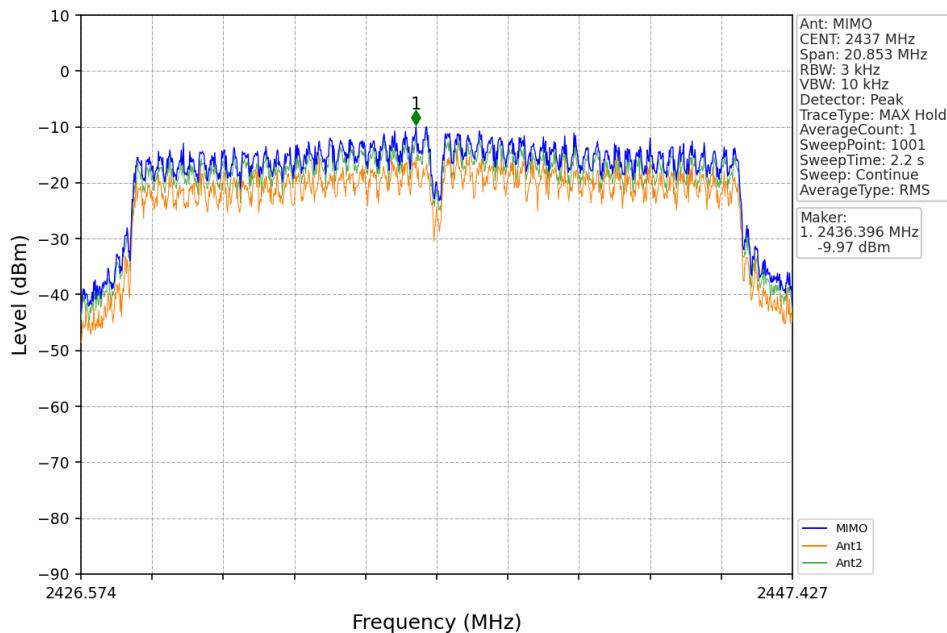






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802.11n(HT20)_MCH_2437MHz_Ant1 (MIMO)_NTNV**802.11n(HT20)_MCH_2437MHz_MIMO_NTNV**

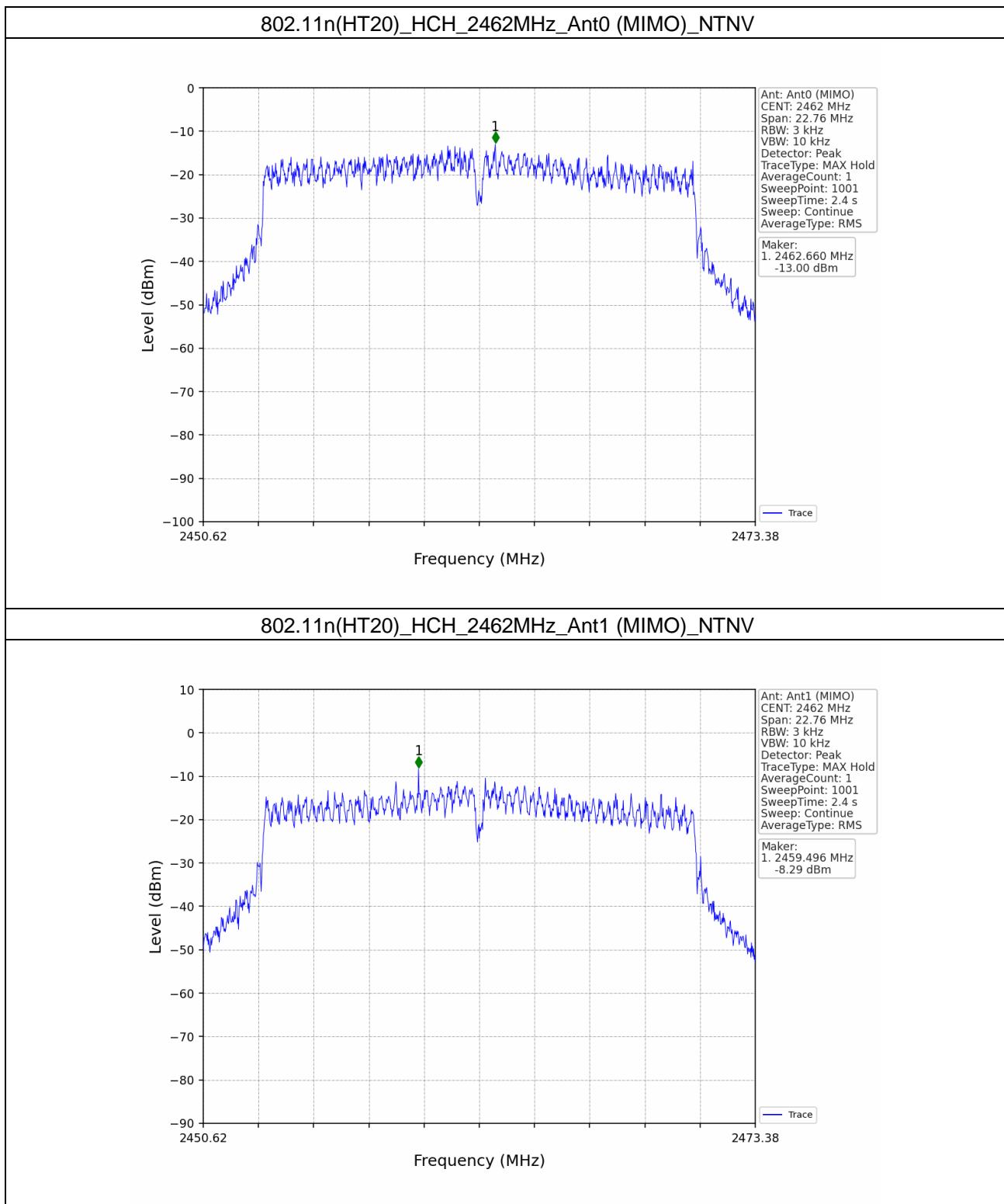
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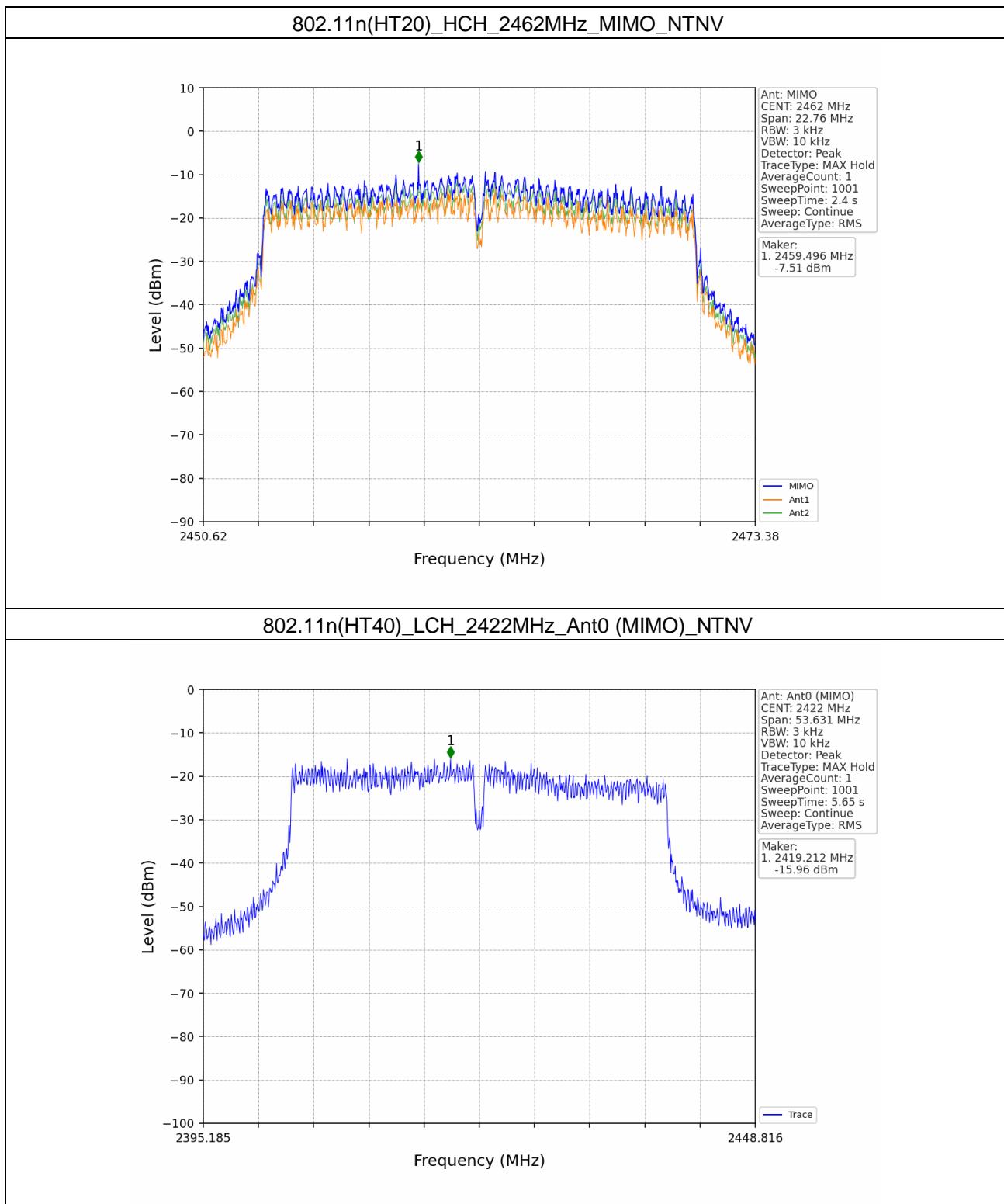


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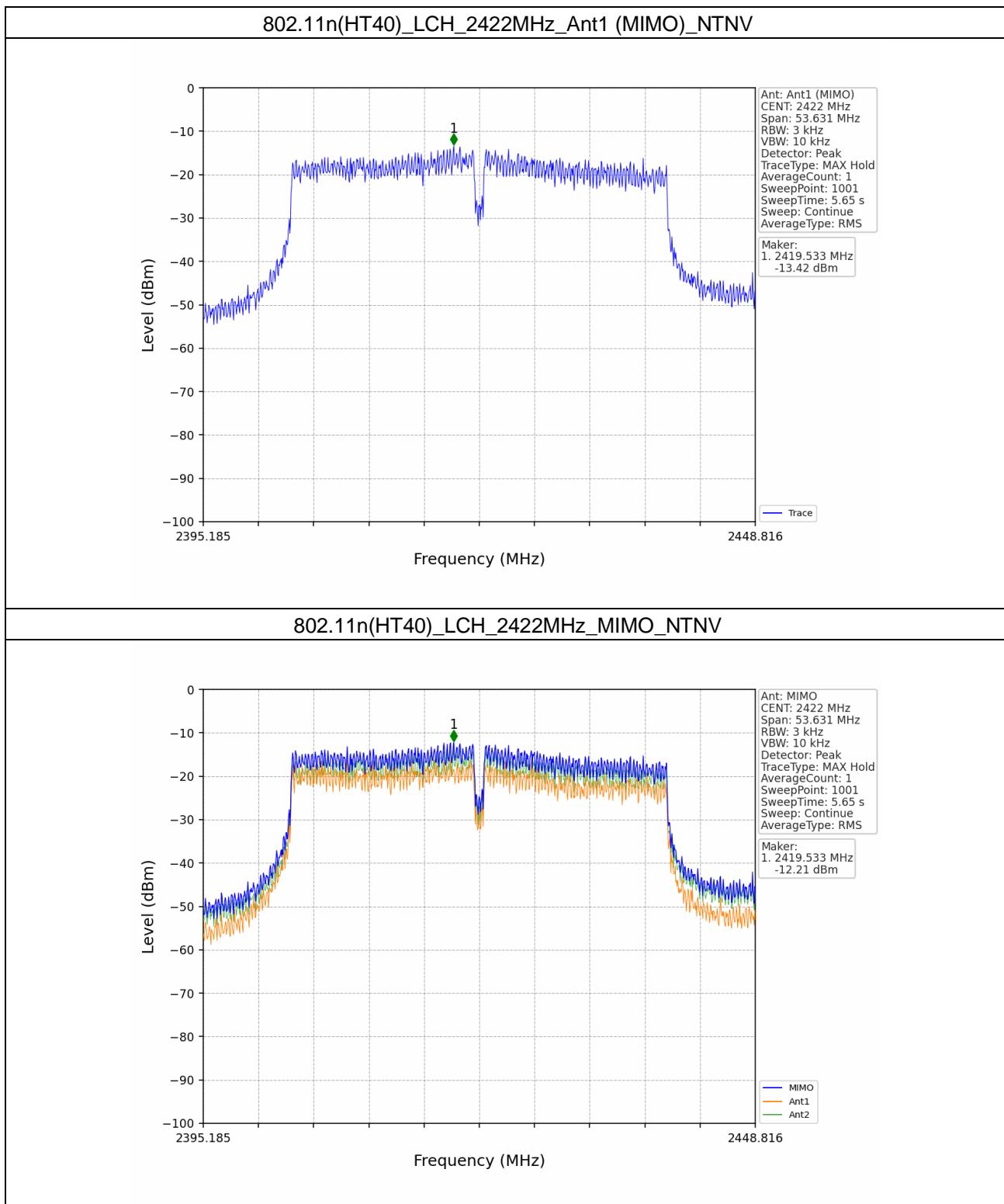


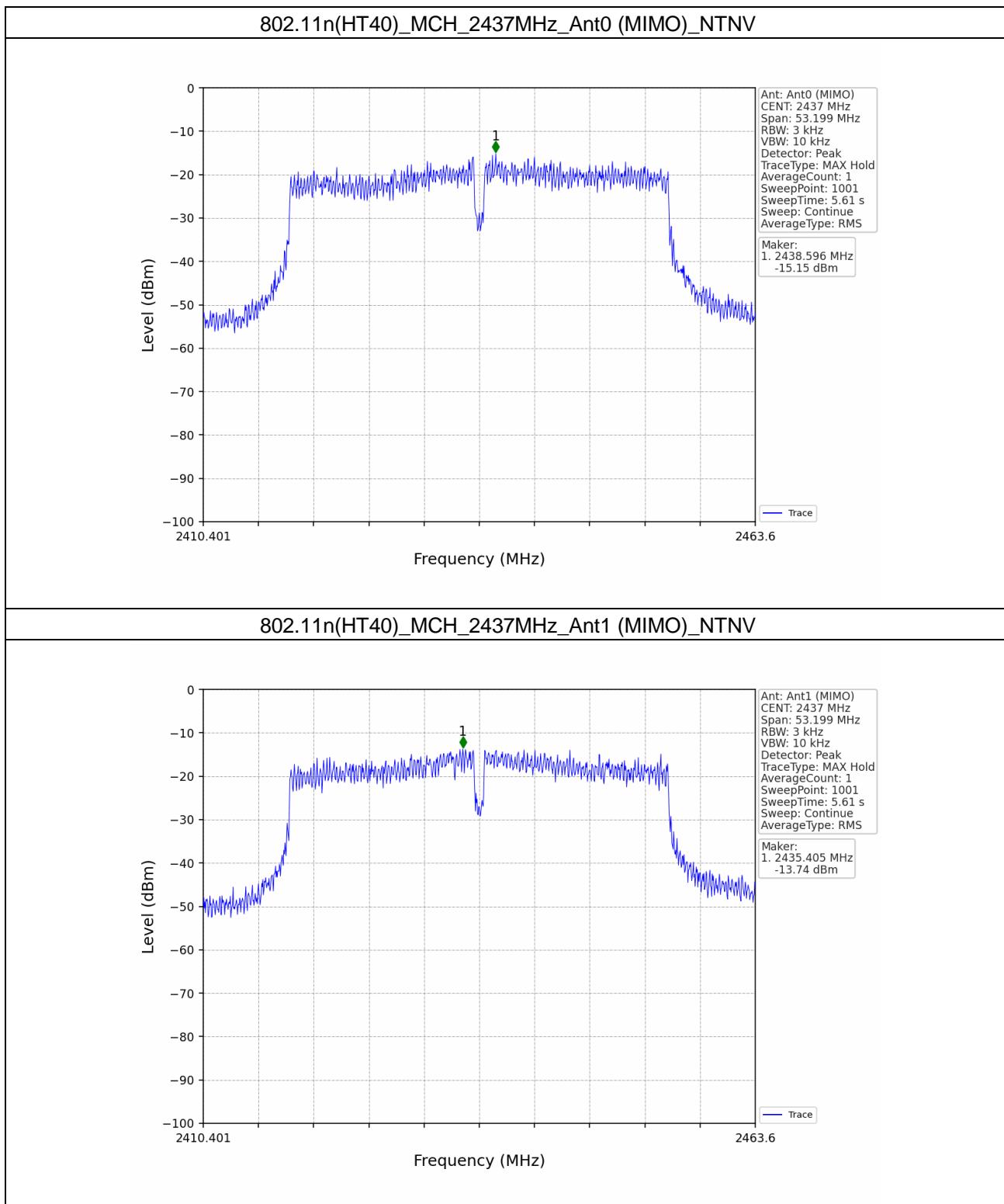
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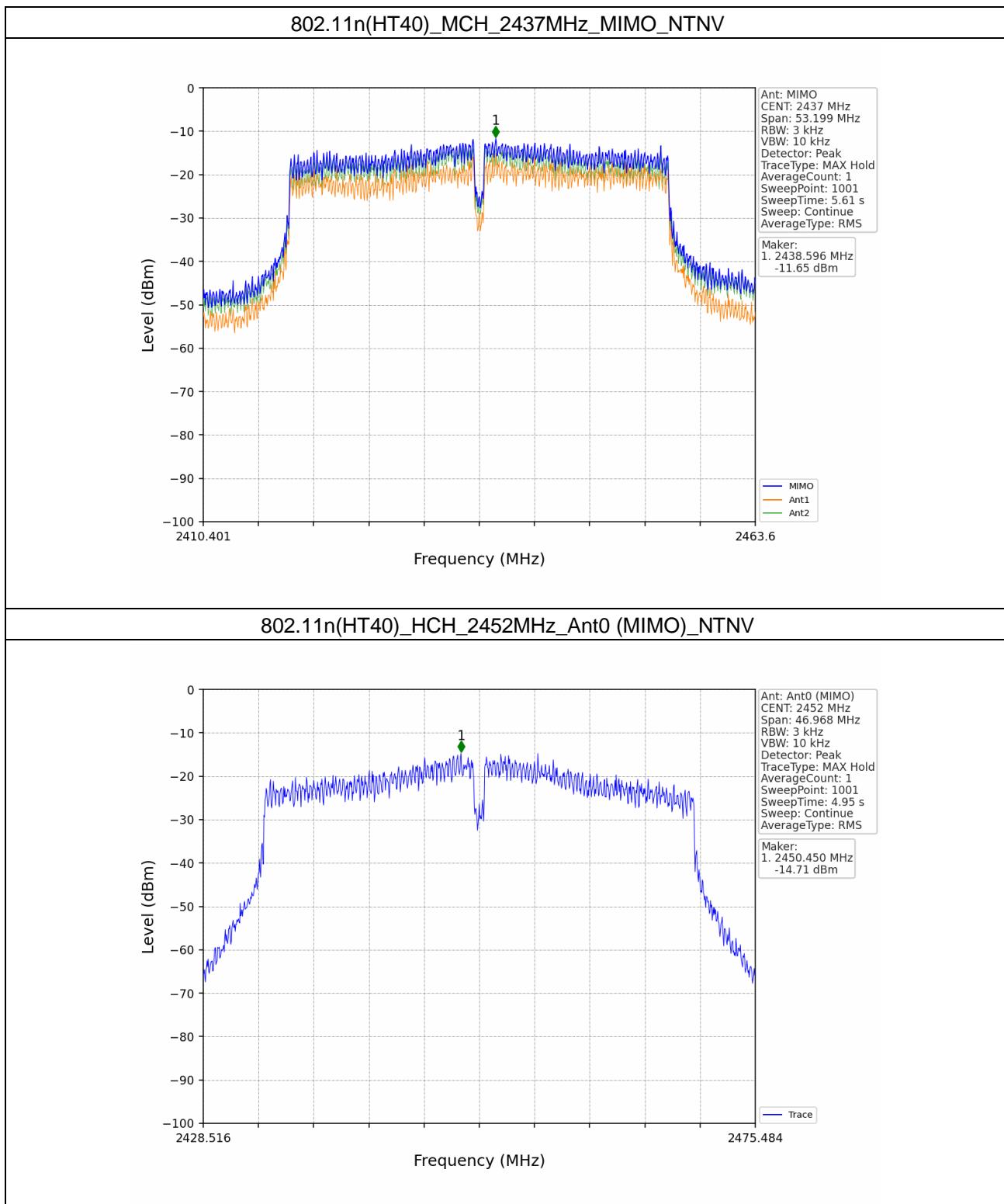






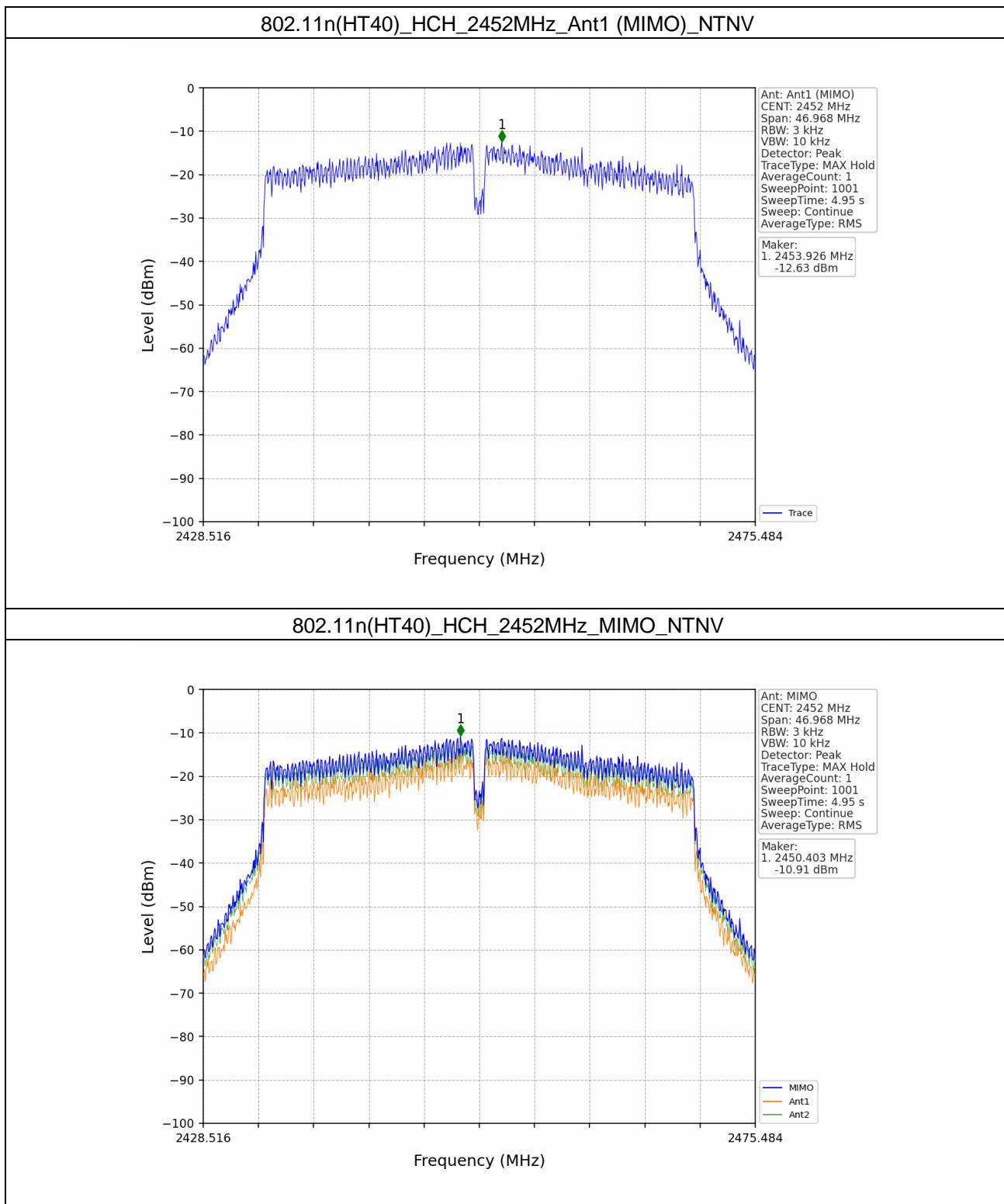
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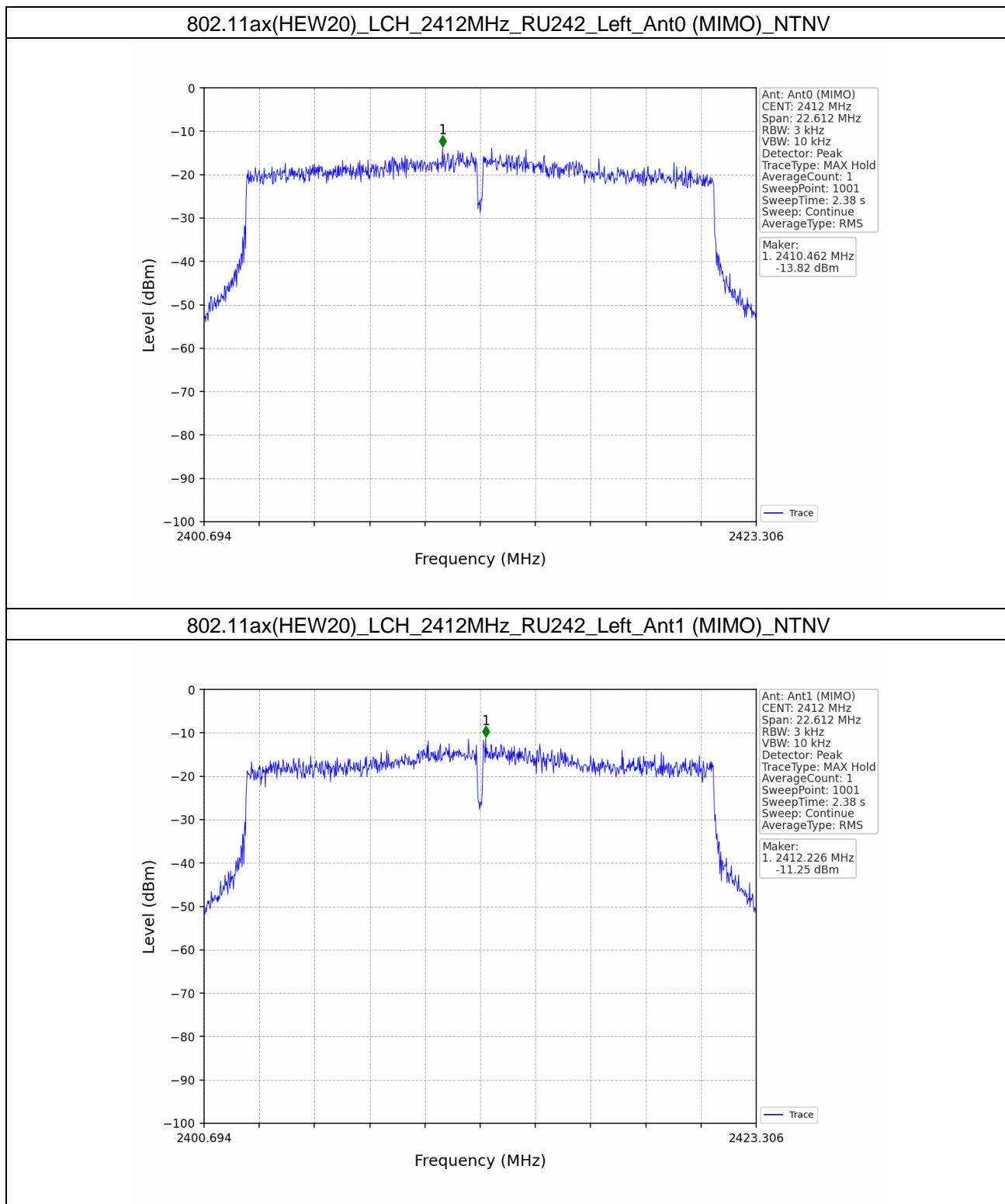
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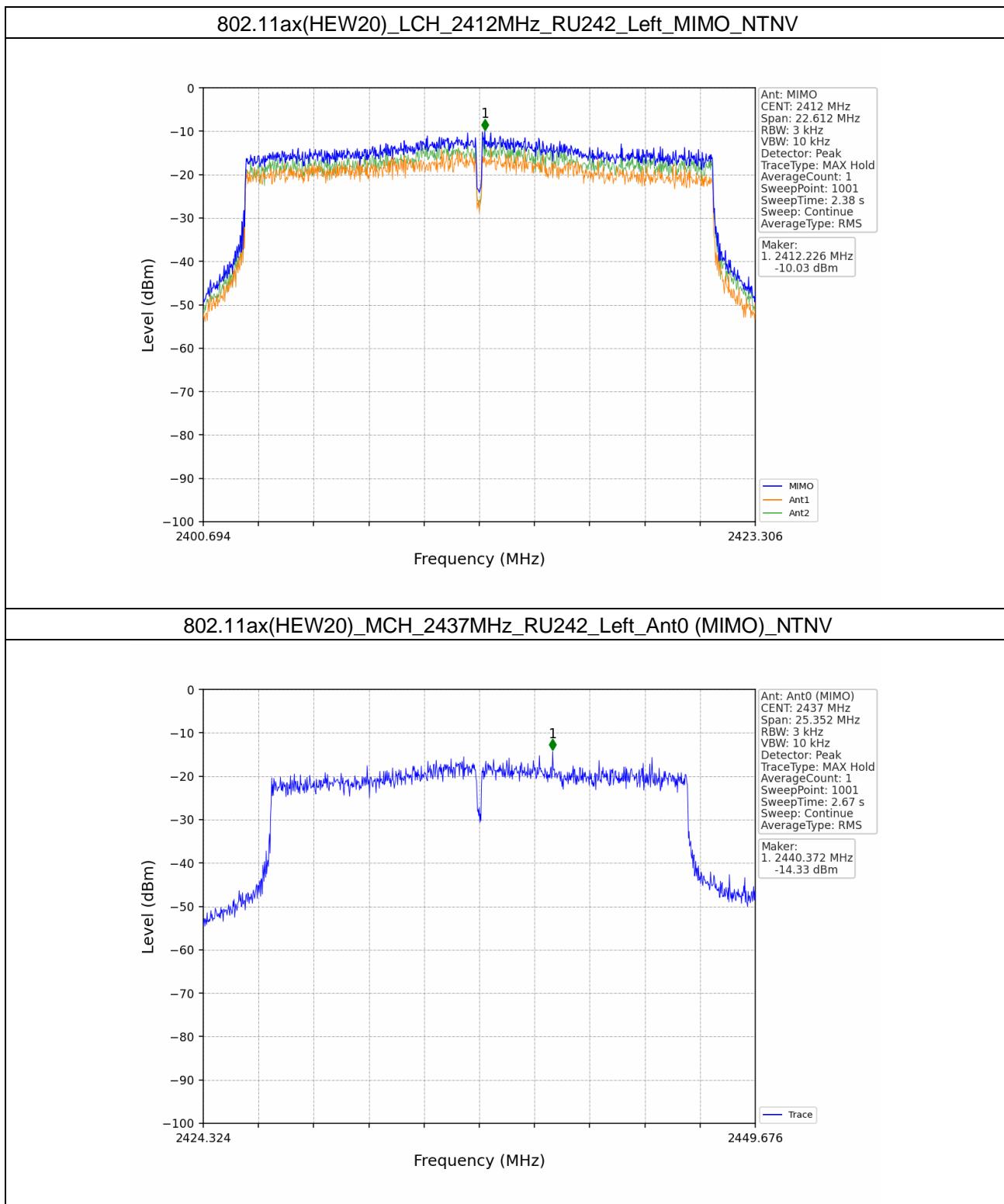


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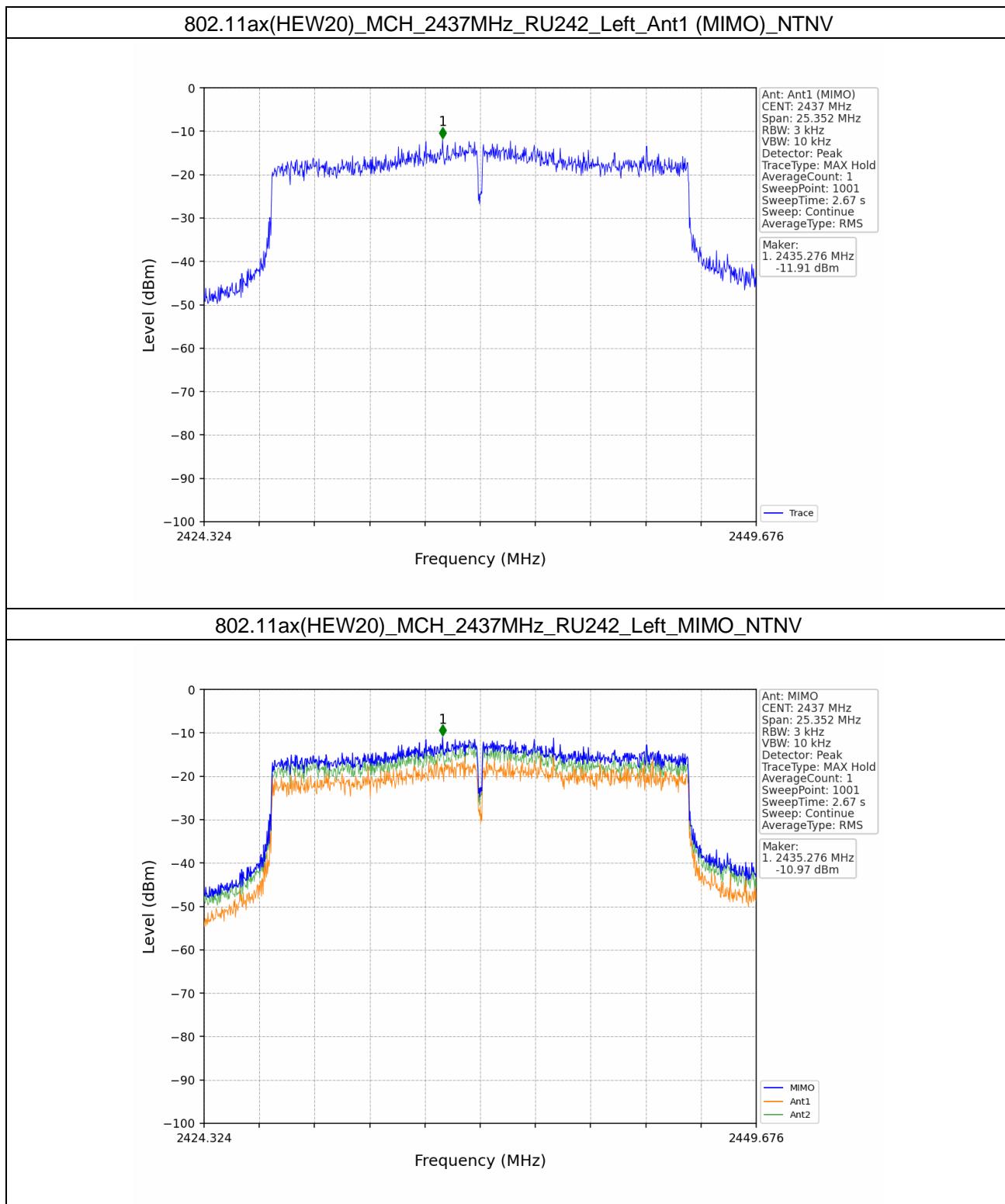






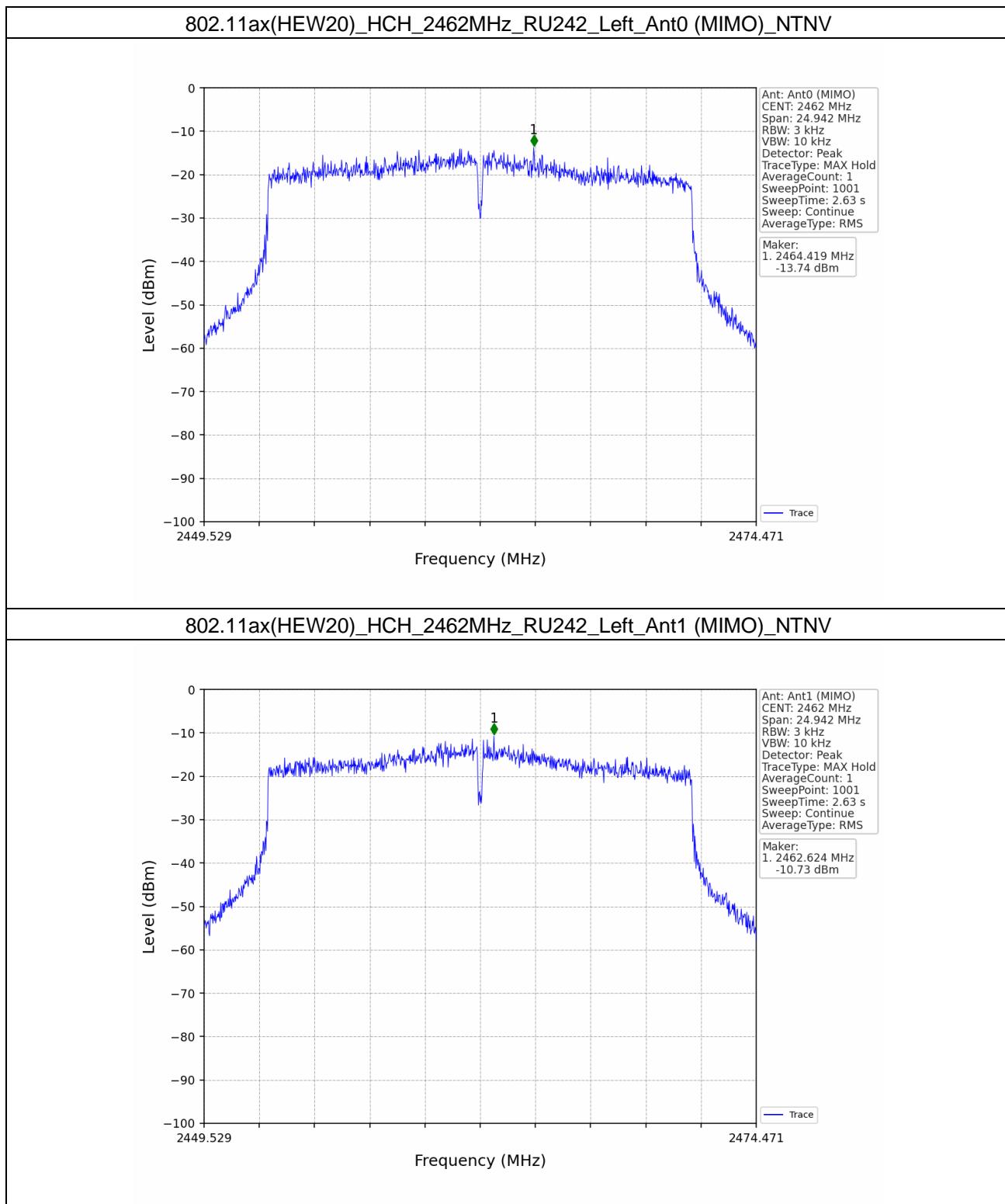
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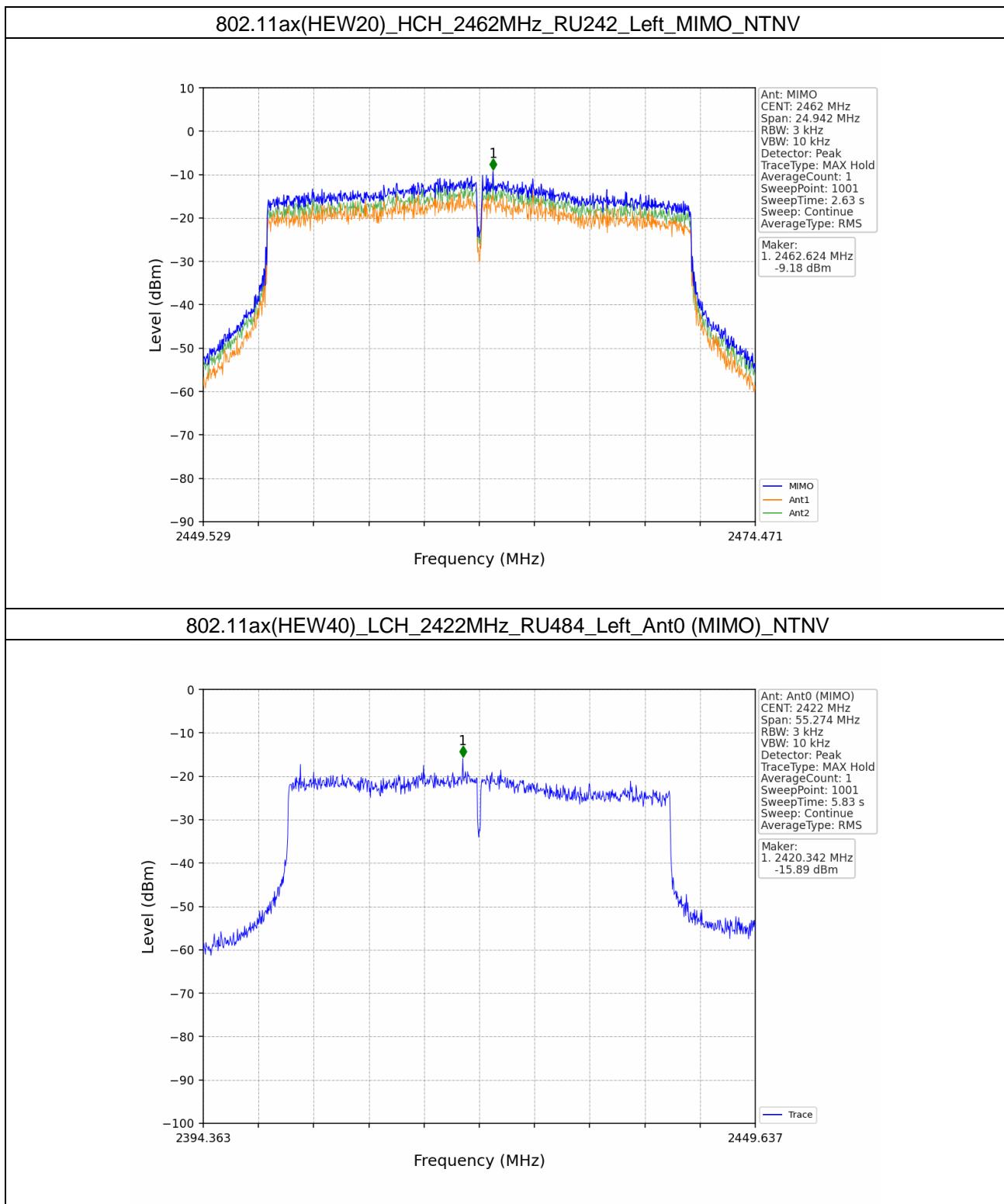
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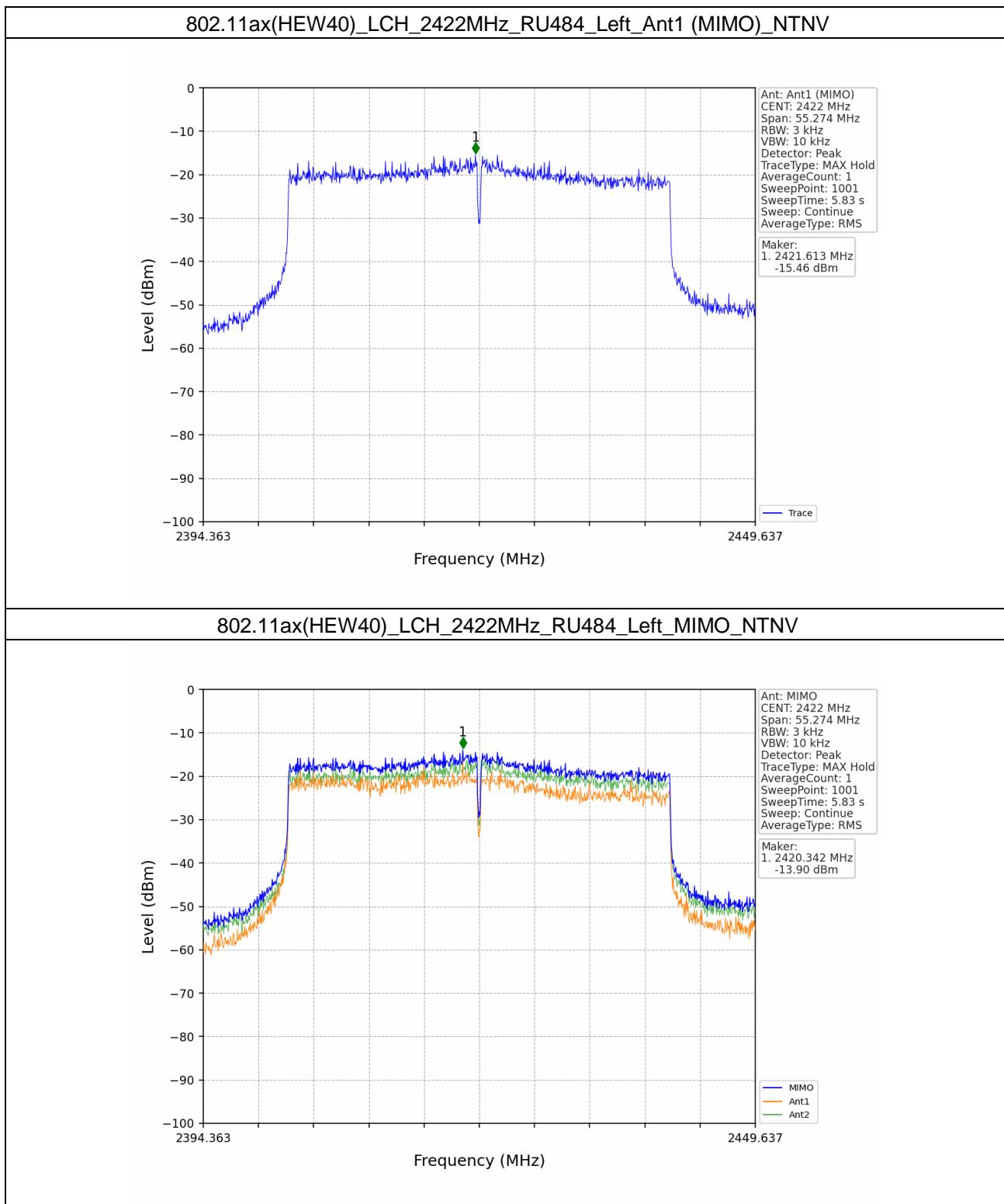
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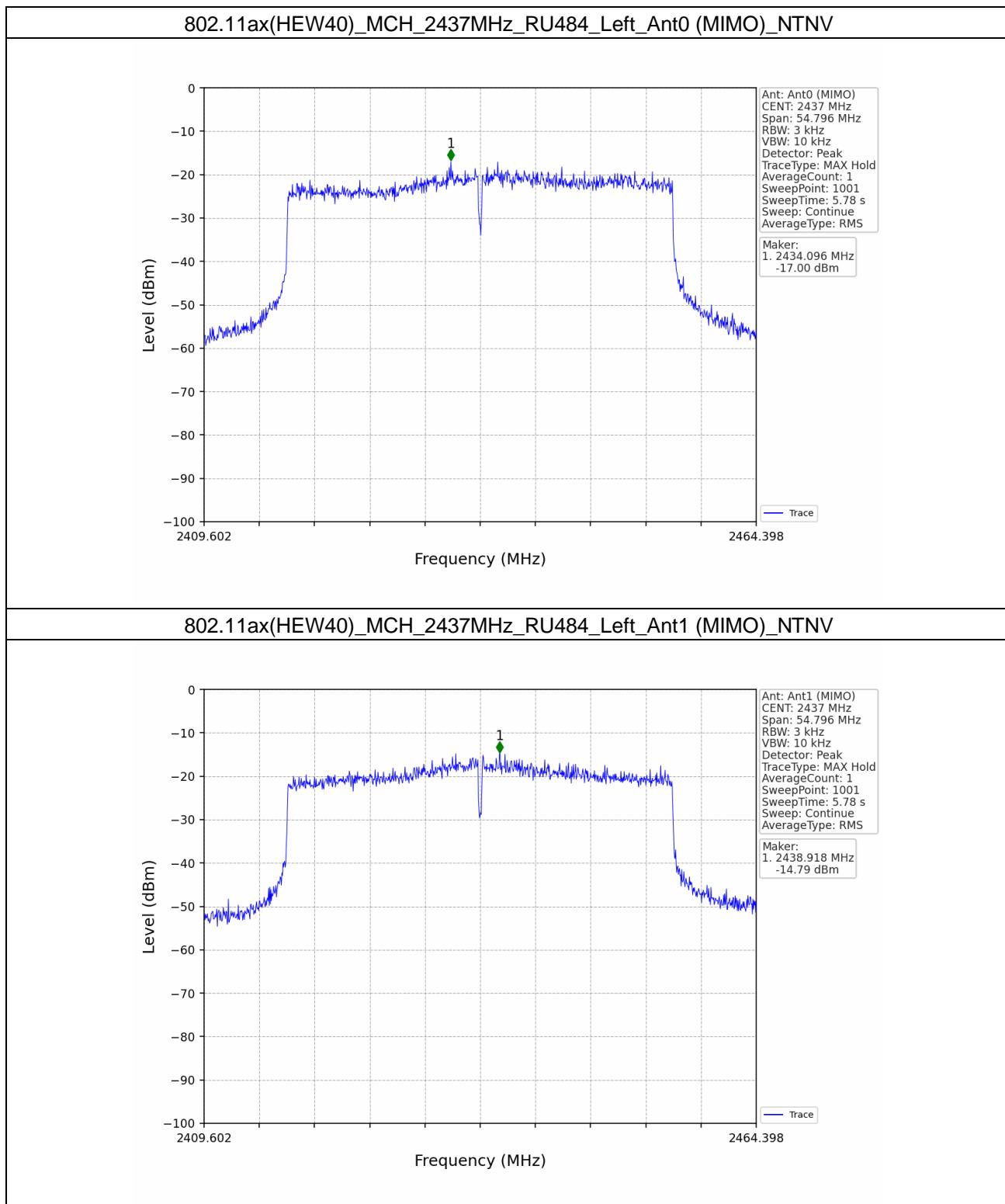
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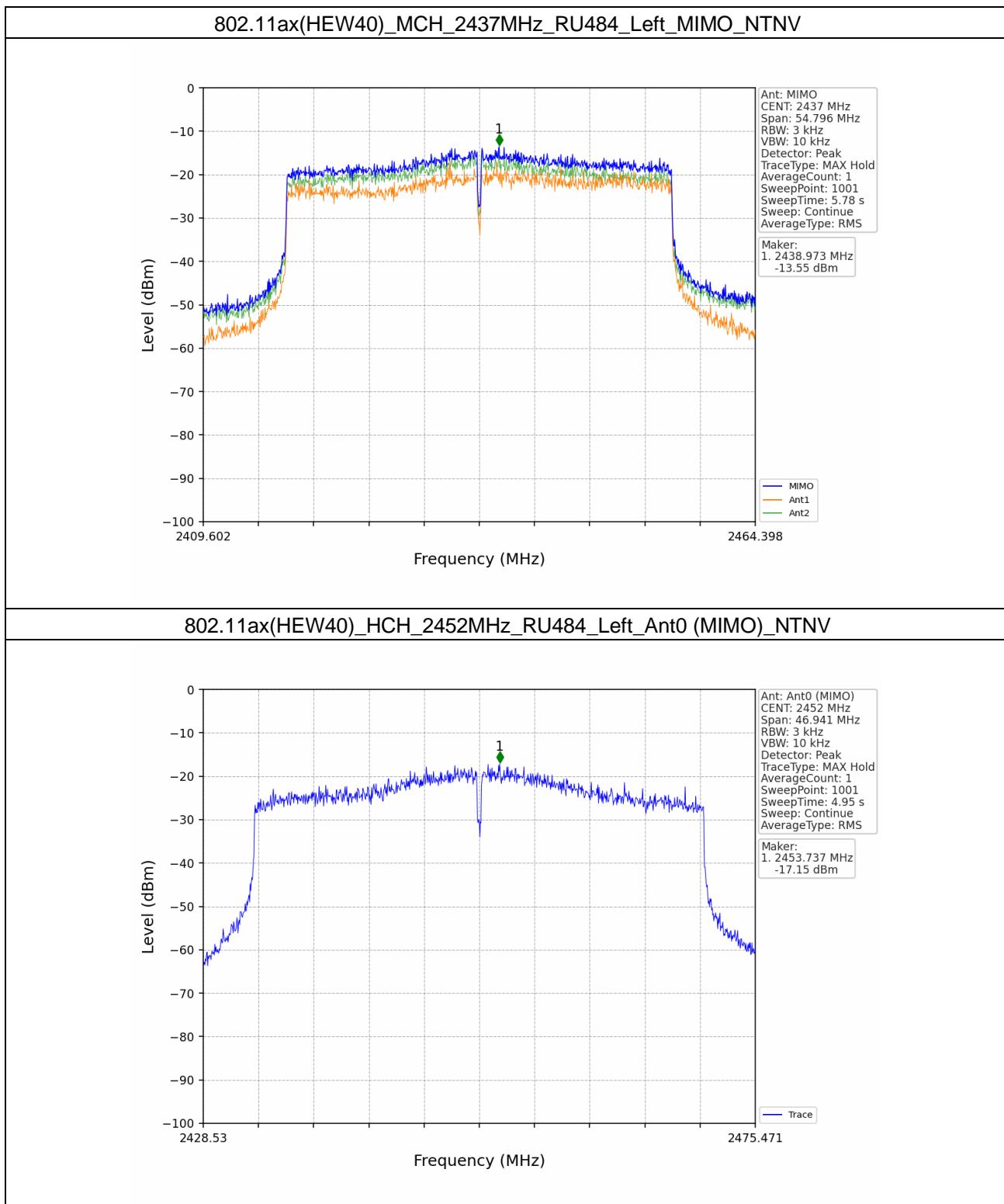
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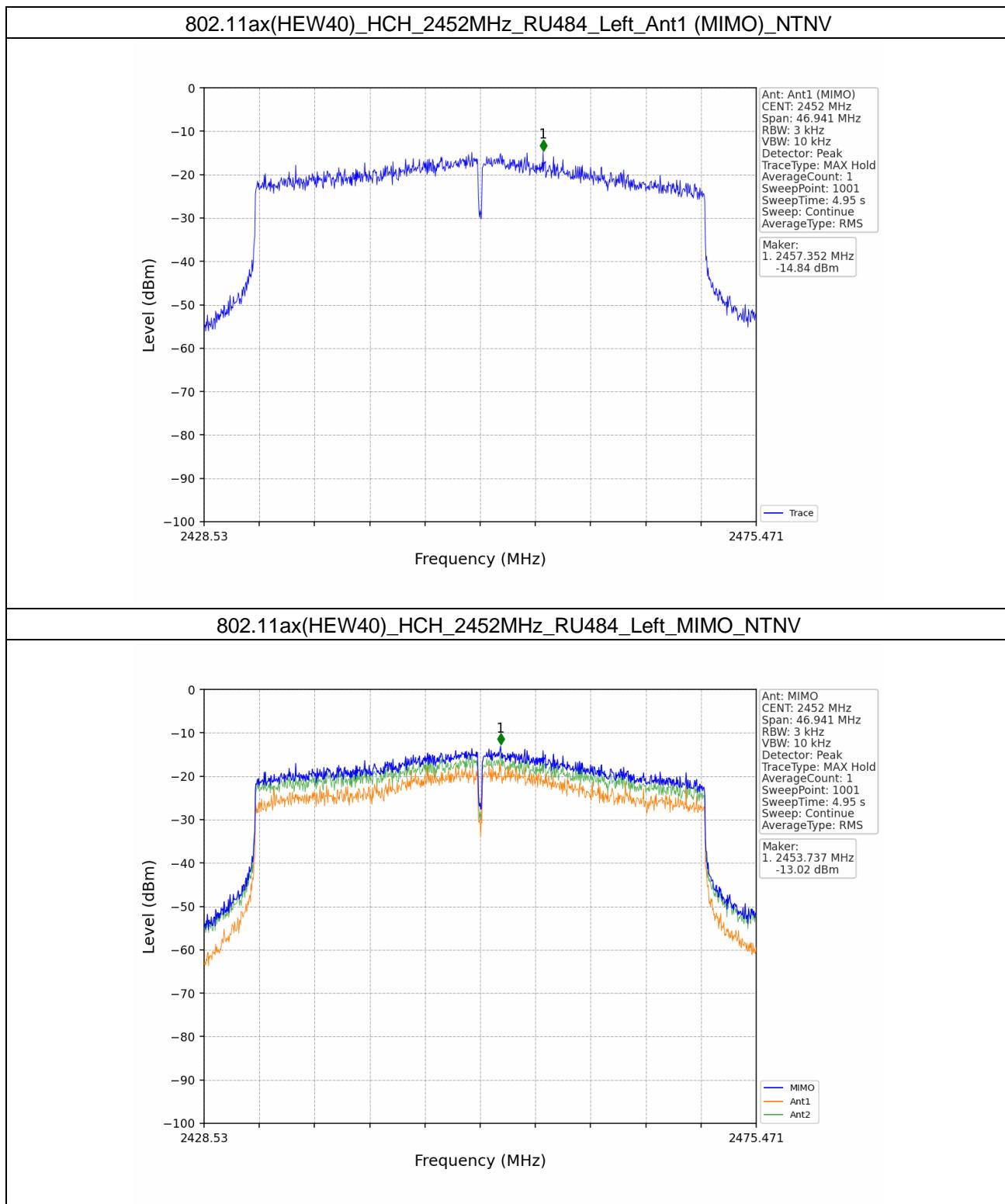
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5. Unwanted Emissions In Non-restricted Frequency Bands

5.1 Ref

5.1.1 Test Result

Mode	TX Type	Frequency (MHz)	RU	RU Pos	ANT	Level of Reference (dBm)
802.11b	SISO	2412	/	/	0	7.92
					1	8.90
		2437	/	/	0	7.25
					1	8.04
		2462	/	/	0	9.60
					1	8.56
		2412	/	/	0	6.82
					1	6.98
802.11g	SISO	2437	/	/	0	7.18
					1	6.77
		2462	/	/	0	6.76
					1	6.95
		2412	/	/	0	2.36
					1	4.94
802.11n (HT20)	MIMO	2437	/	/	0	0.87
					1	4.30
		2462	/	/	0	2.59
					1	4.79
		2422	/	/	0	-1.44
					1	1.68
802.11n (HT40)	MIMO	2437	/	/	0	-1.03
					1	1.76
		2452	/	/	0	-0.09
					1	1.77
		2412	RU242	Left	0	1.61
					1	4.55
					0	1.81

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					1	3.87
2462	RU242	Left	0		2.42	
			1		4.66	
			0		-2.40	
802.11ax (HEW40)	2422	RU484	Left	1		-0.28
				0		-2.63
				1		0.64
	2437	RU484	Left	0		-1.28
				1		1.06
	2452	RU484	Left	0		
				1		
				1		

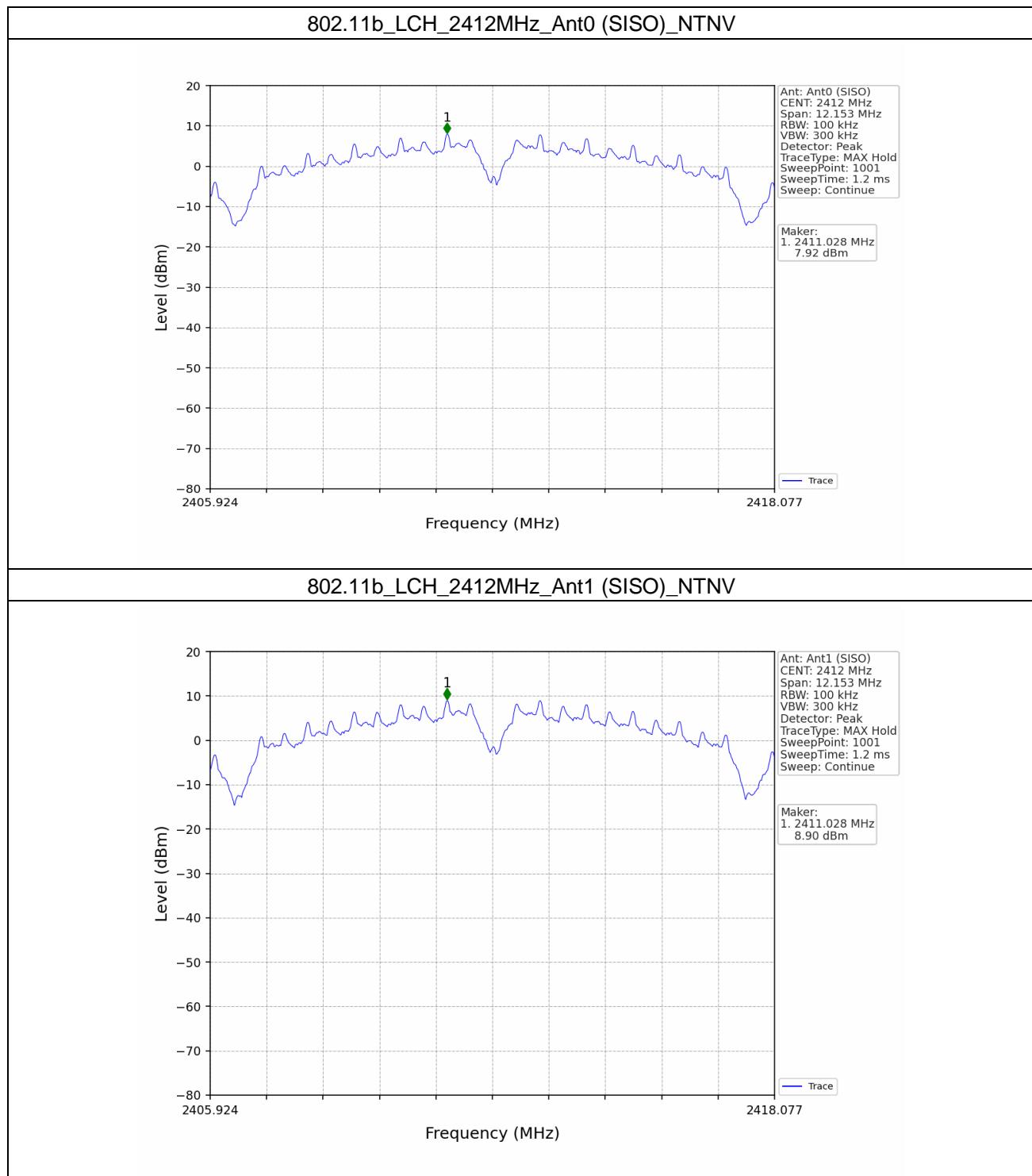
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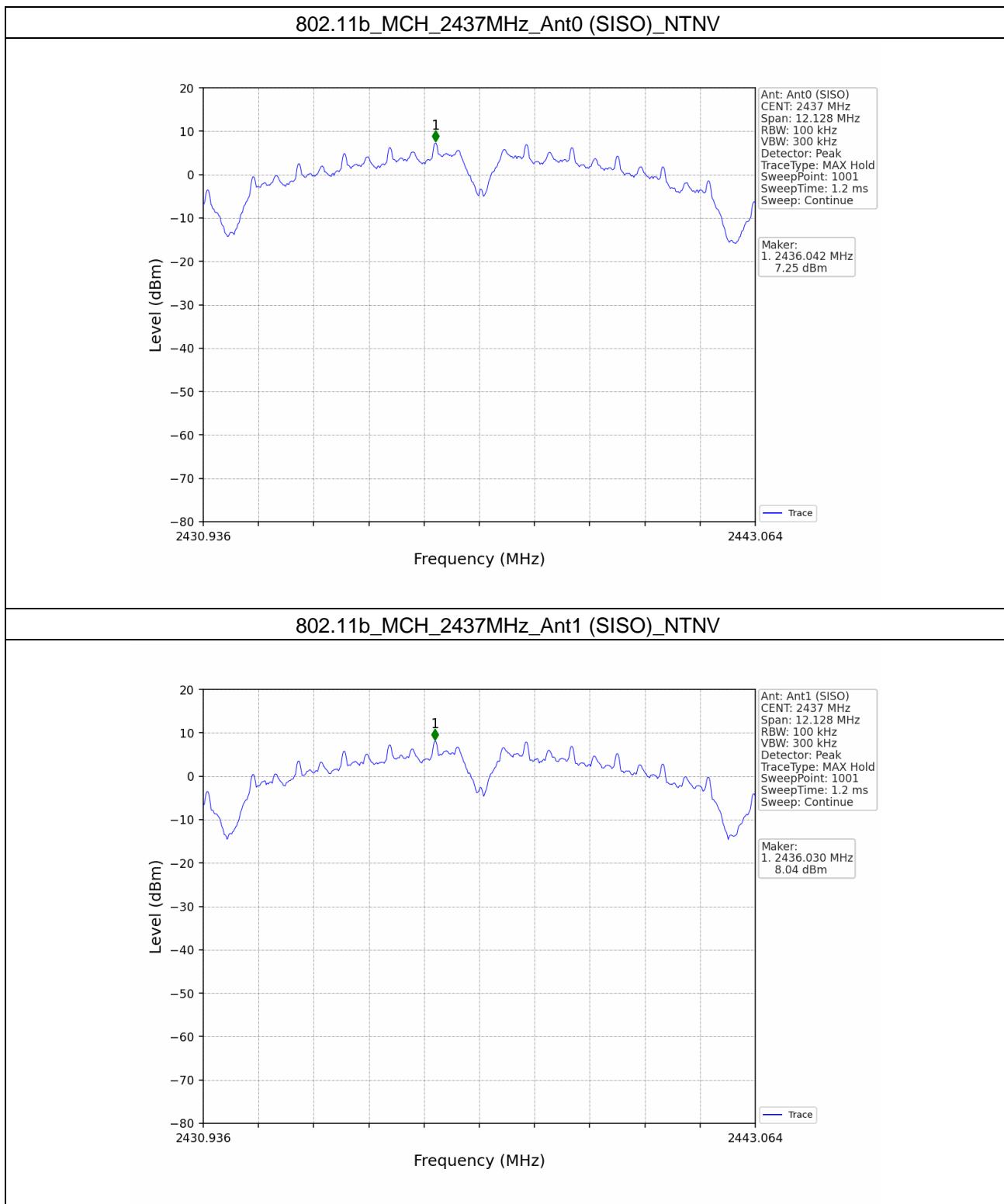
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5.1.2 Test Graph

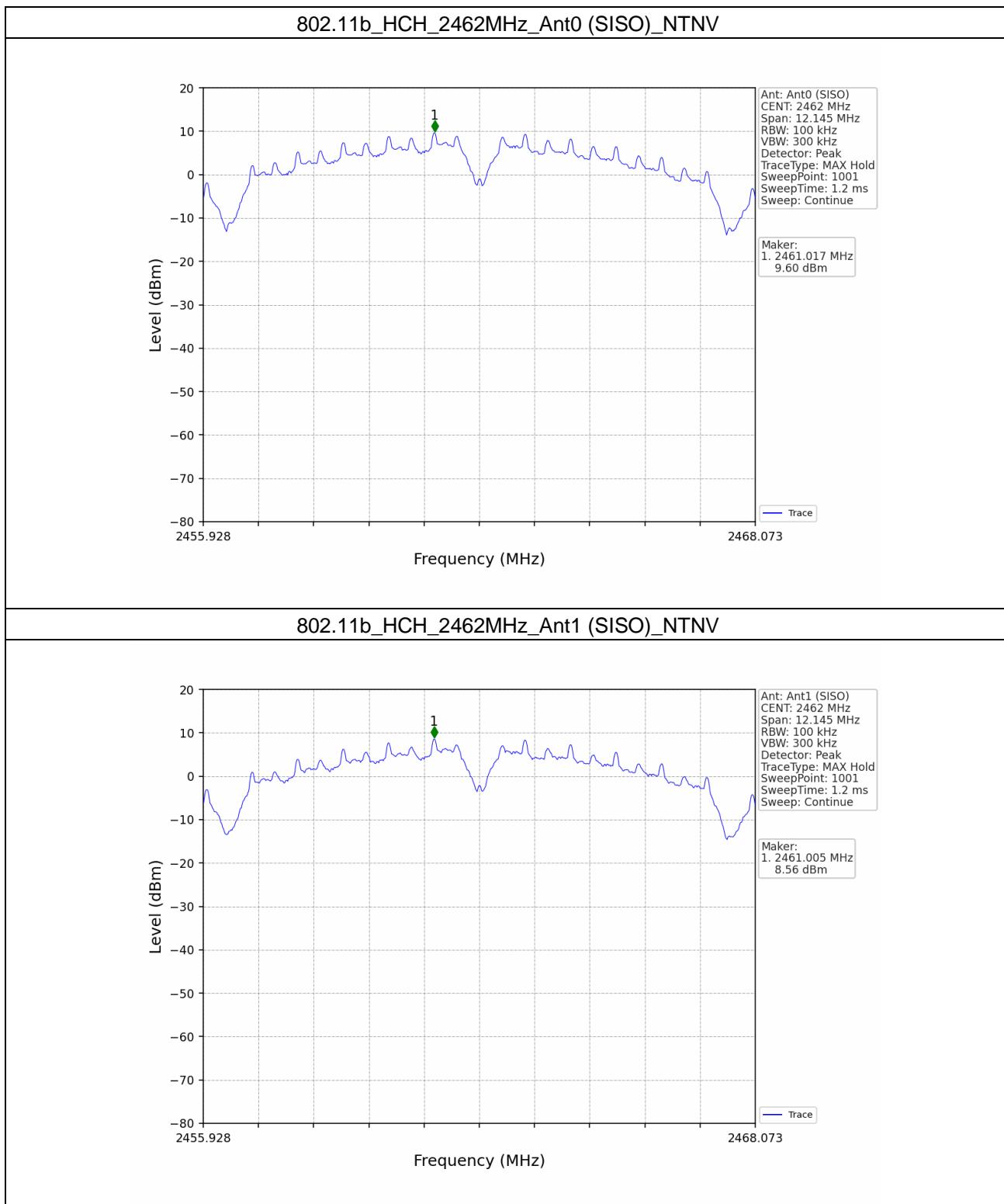
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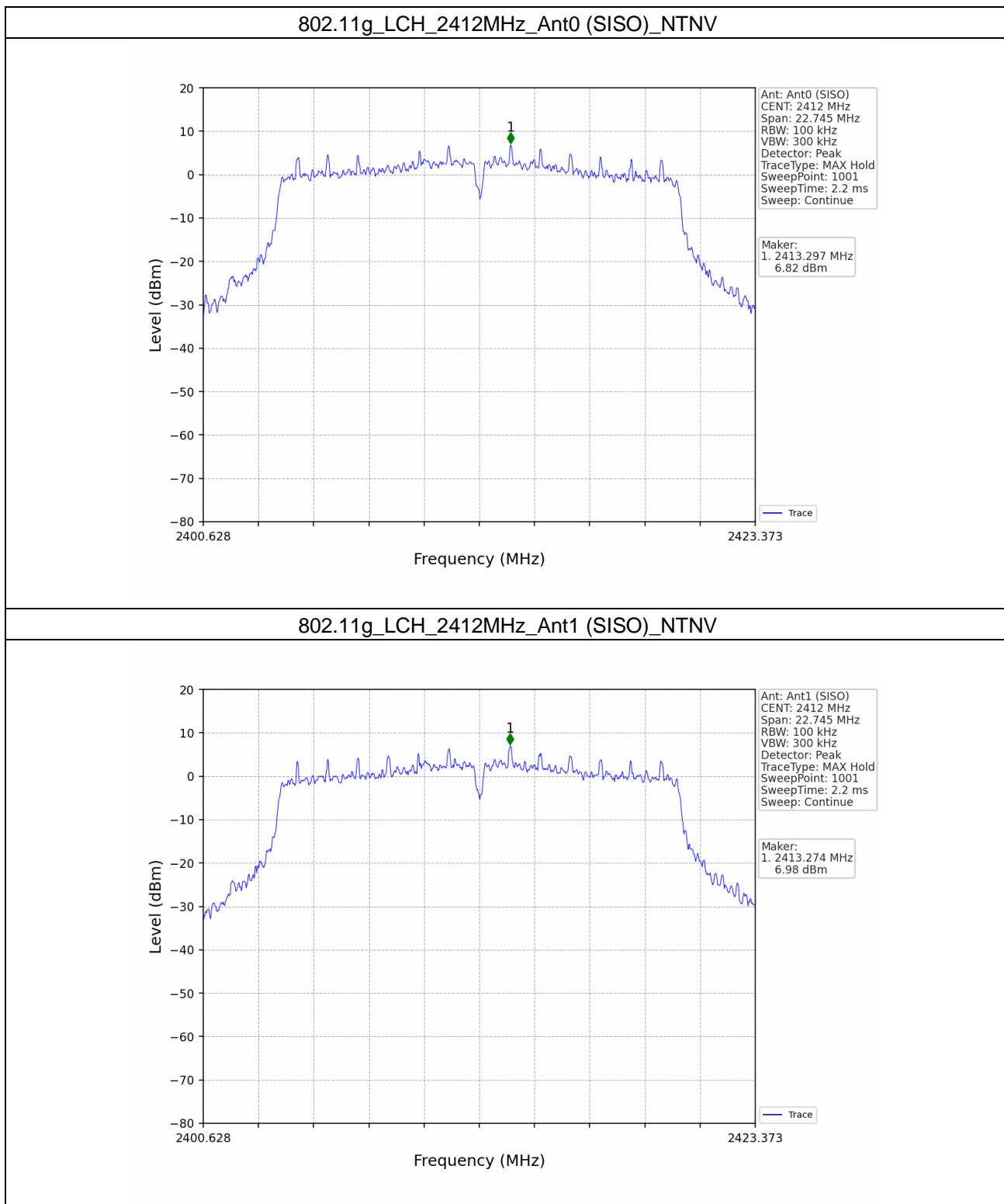
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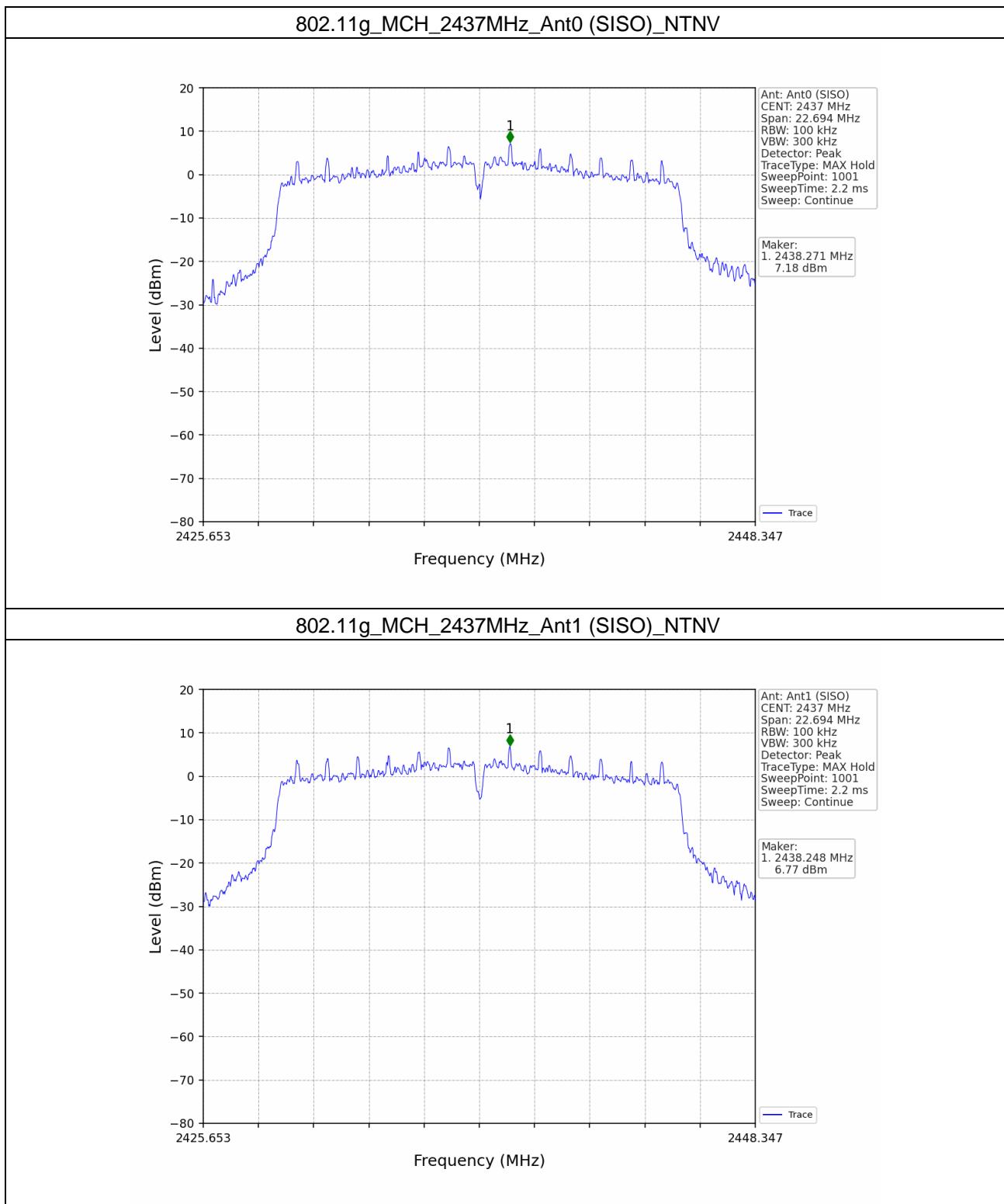
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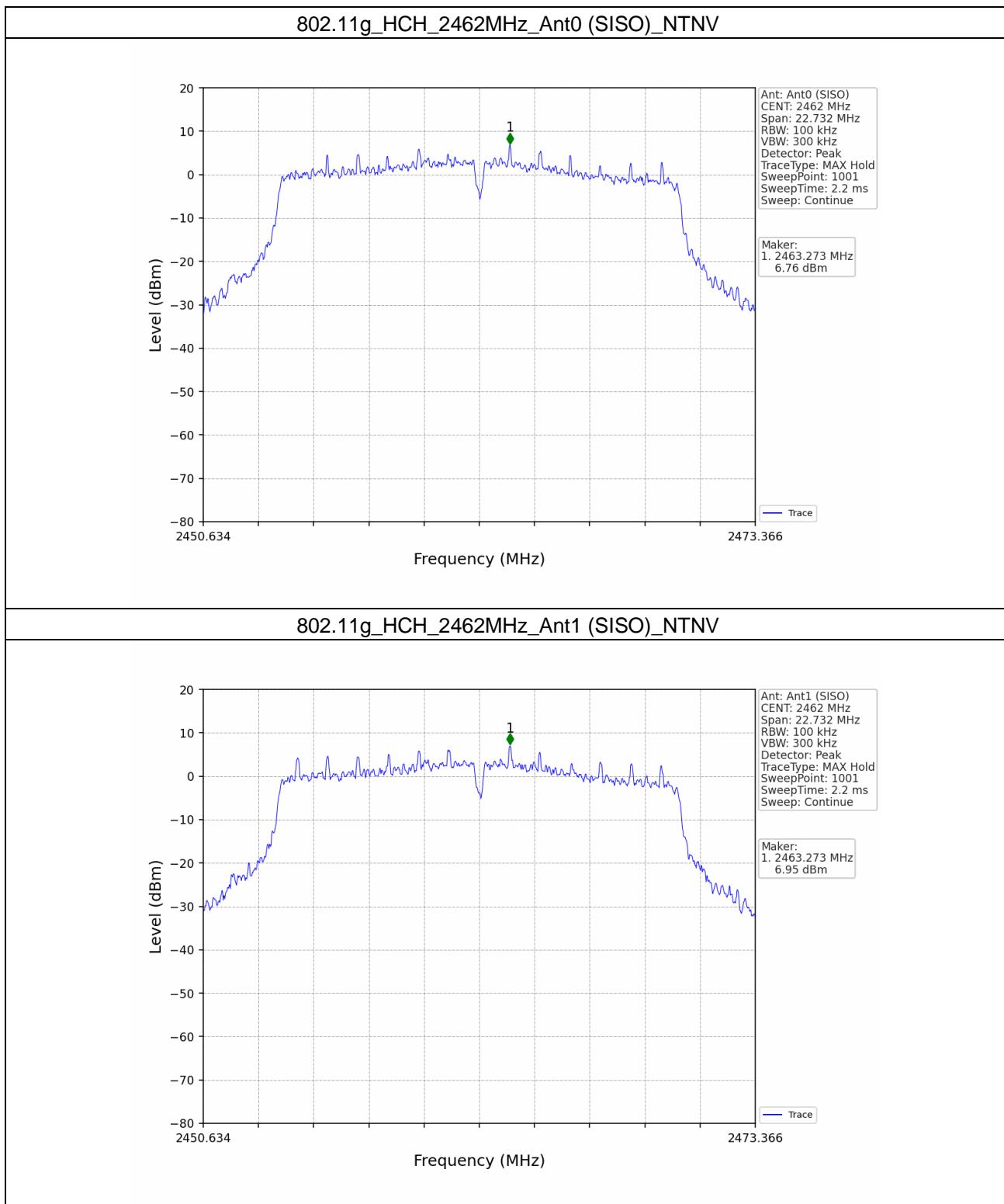
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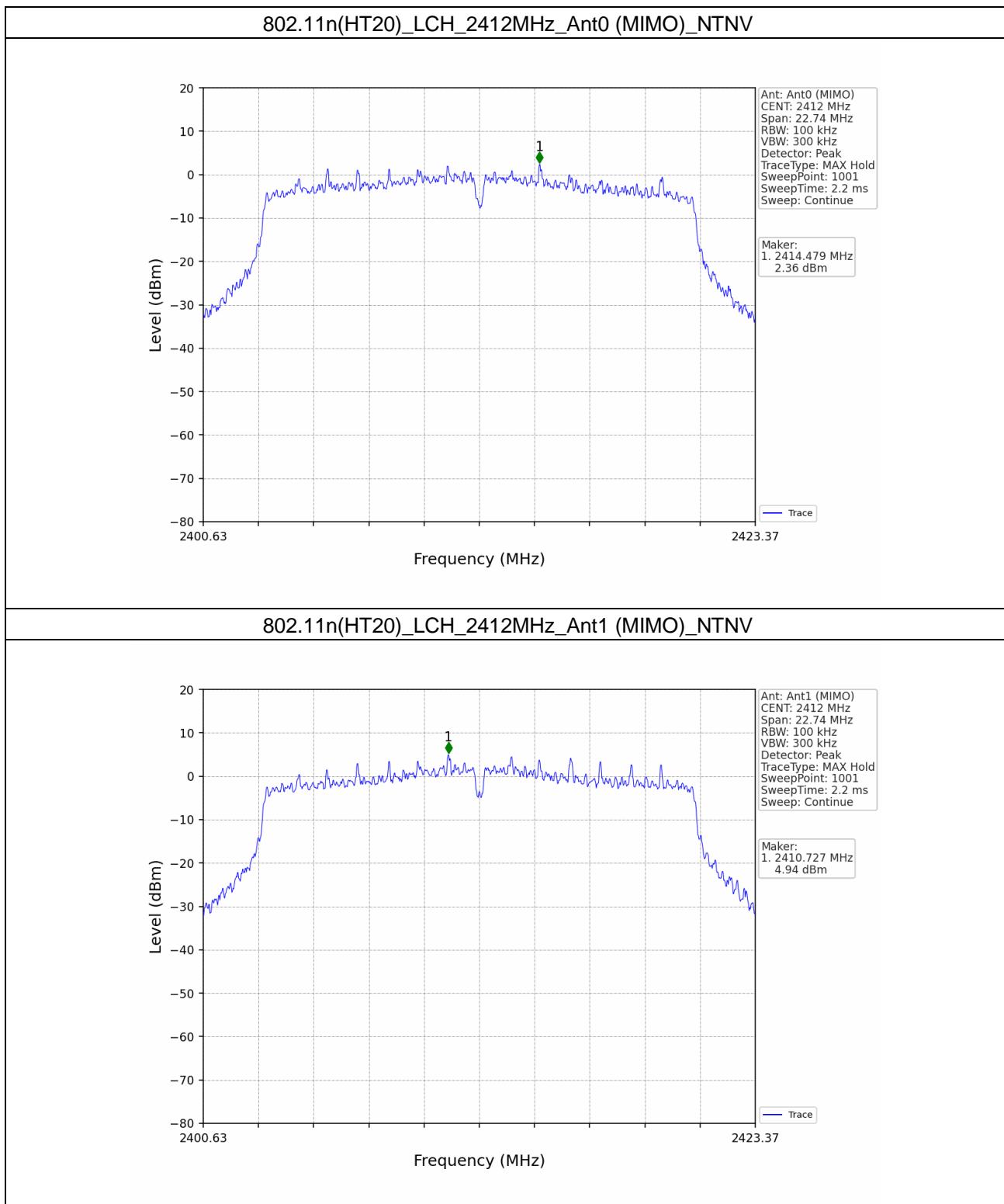
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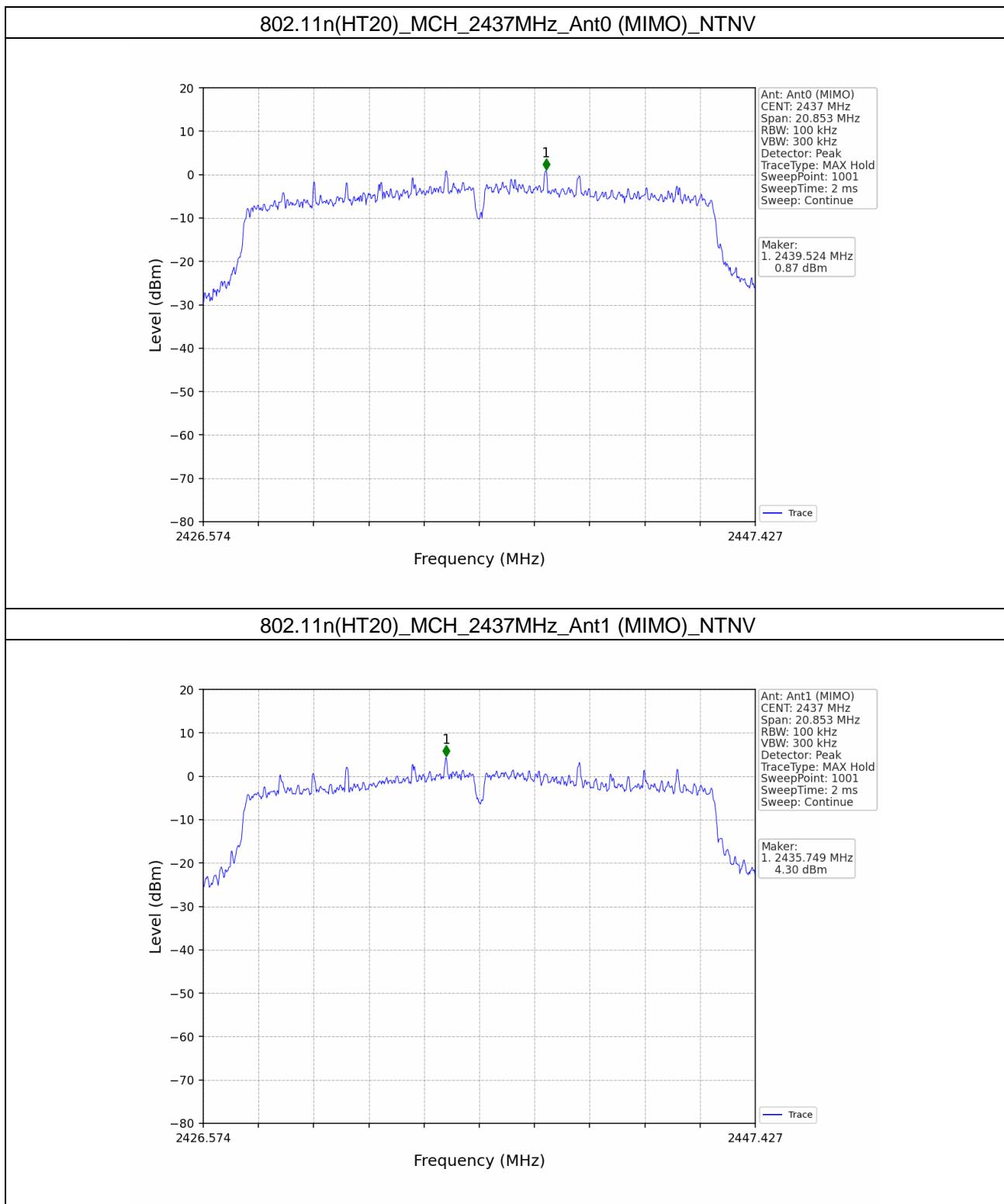
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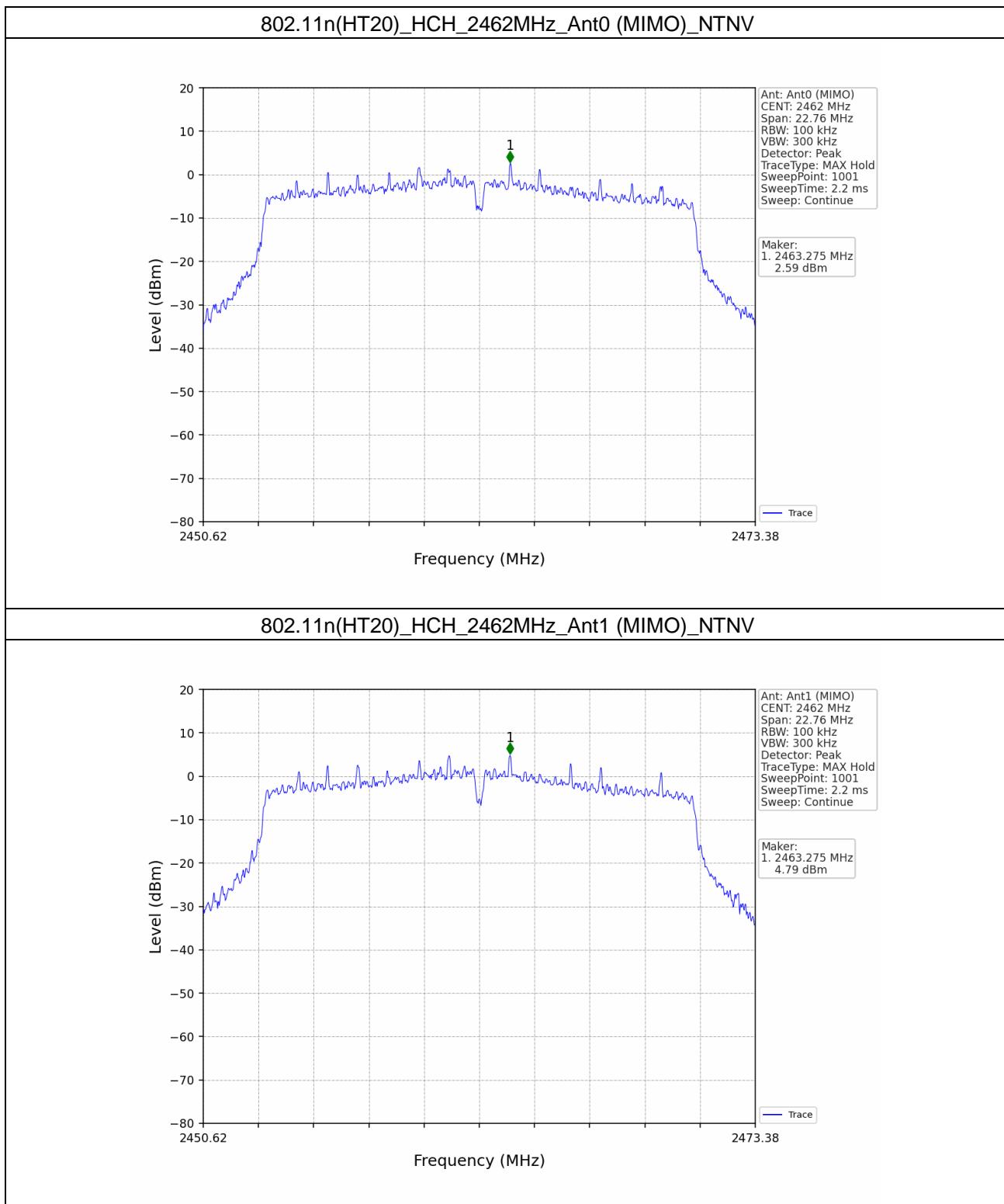
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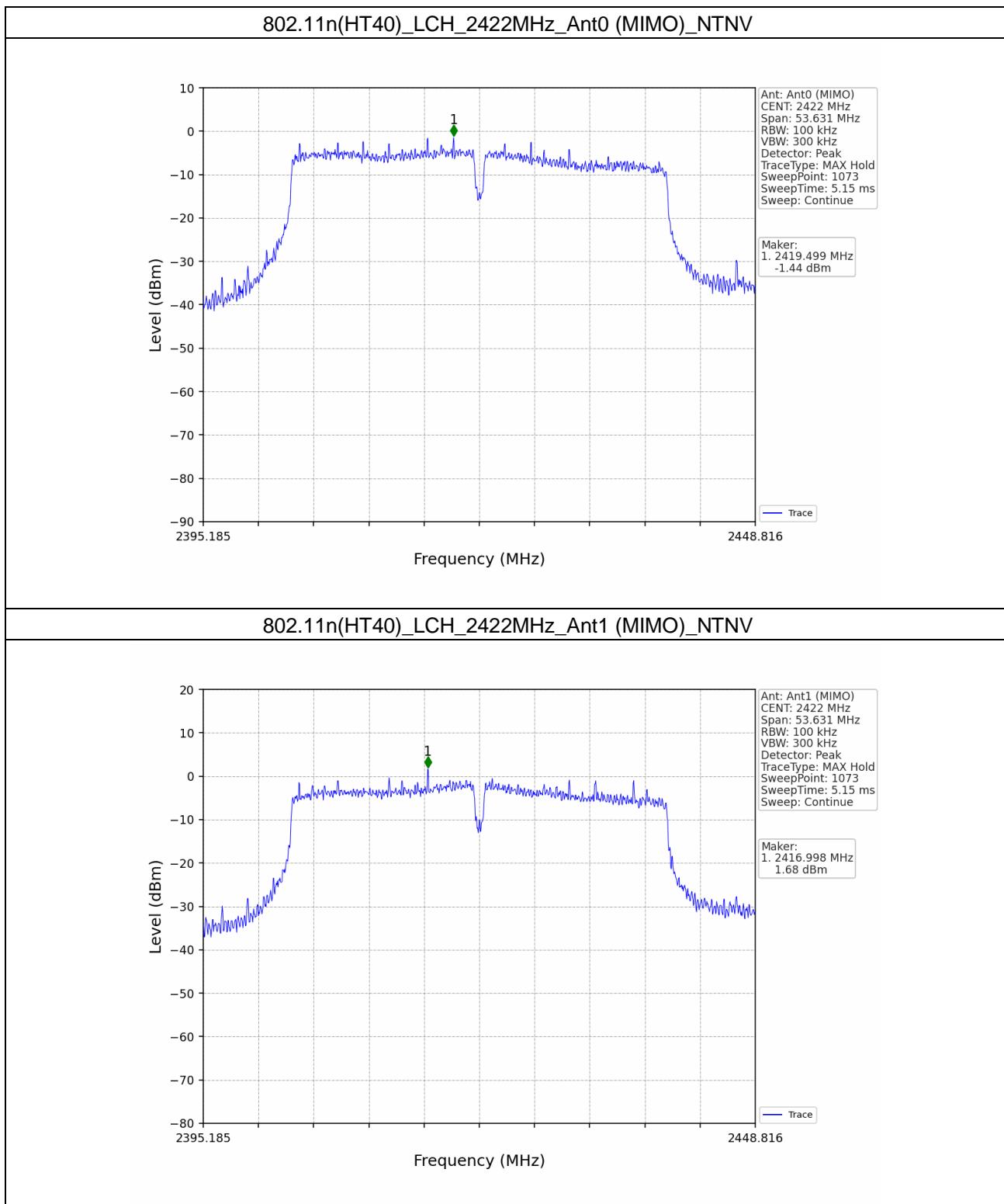
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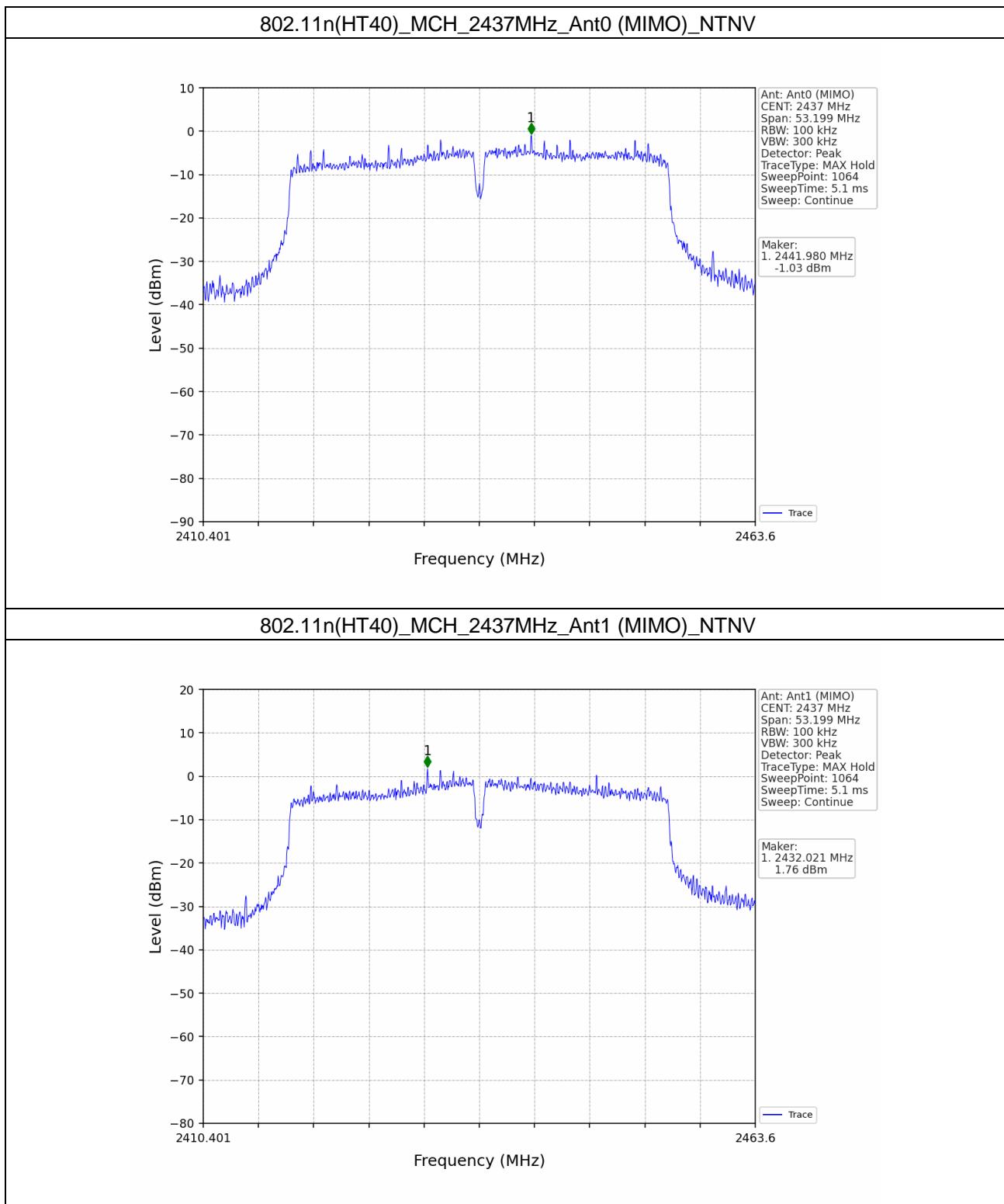
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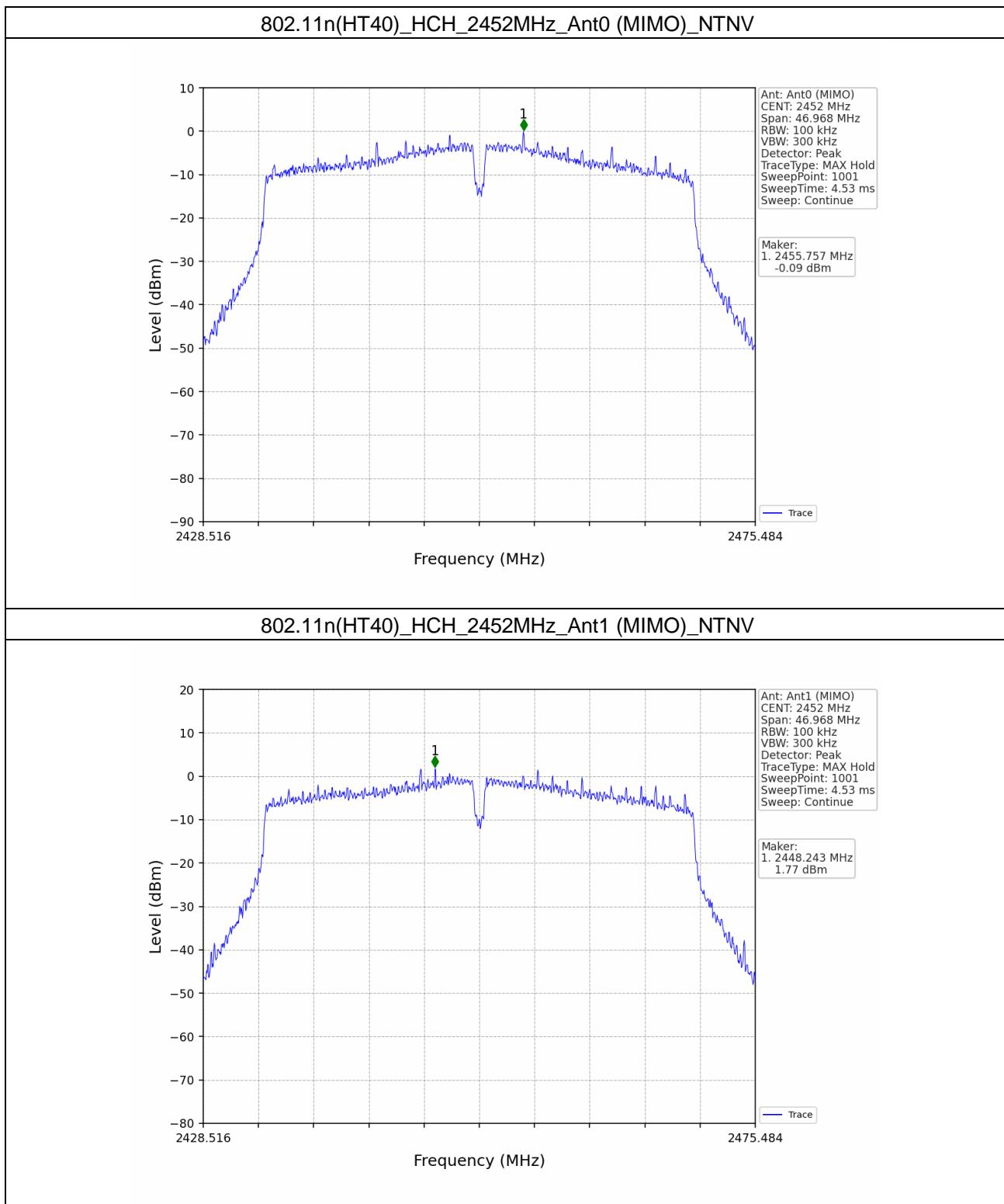


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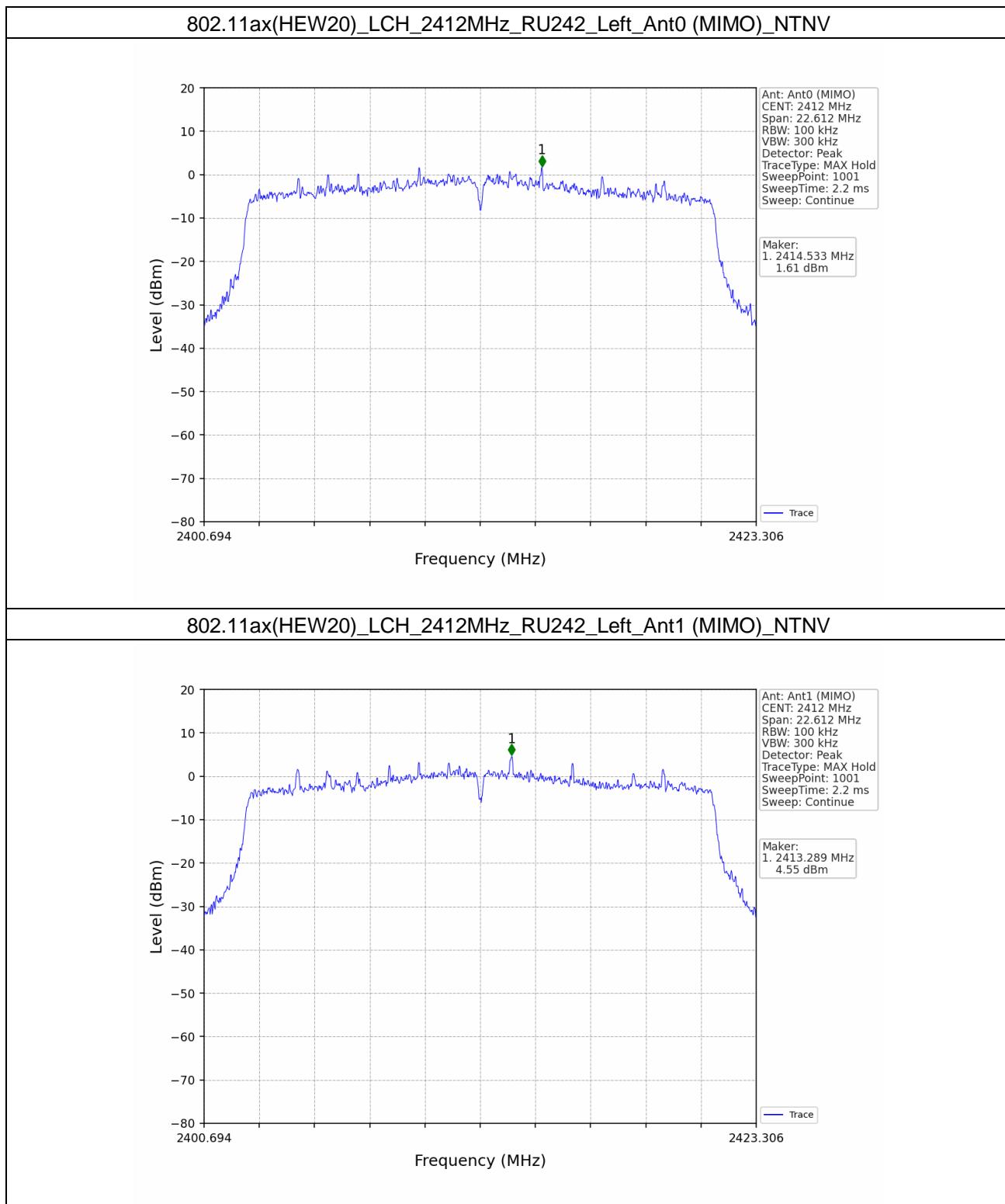


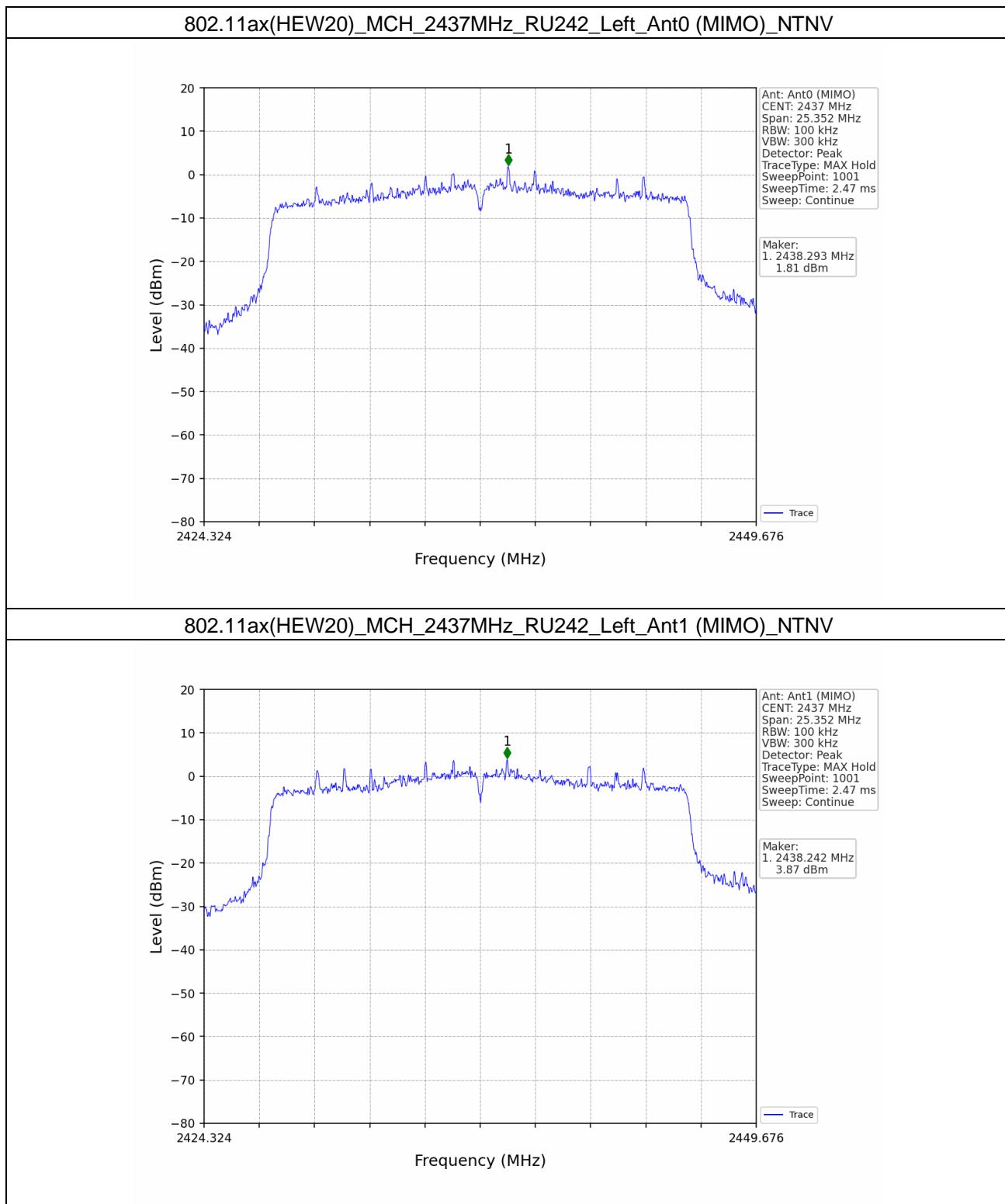


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