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2. Bandwidth

2.1 6dB BW

2.1.1 Test Result

Mode	TX Type	Frequency (MHz)	ANT	6dB Bandwidth (MHz)		Verdict
				Result	Limit	
802.11b	SISO	2412	1	7.608	>=0.5	Pass
		2437	1	7.635	>=0.5	Pass
		2462	1	9.074	>=0.5	Pass
802.11g	SISO	2412	1	15.103	>=0.5	Pass
		2437	1	15.135	>=0.5	Pass
		2462	1	15.476	>=0.5	Pass
802.11n (HT20)	MIMO	2412	1	15.129	>=0.5	Pass
		2437	1	15.136	>=0.5	Pass
		2462	1	17.061	>=0.5	Pass
802.11n (HT40)	MIMO	2422	1	35.130	>=0.5	Pass
		2437	1	35.134	>=0.5	Pass
		2452	1	28.790	>=0.5	Pass

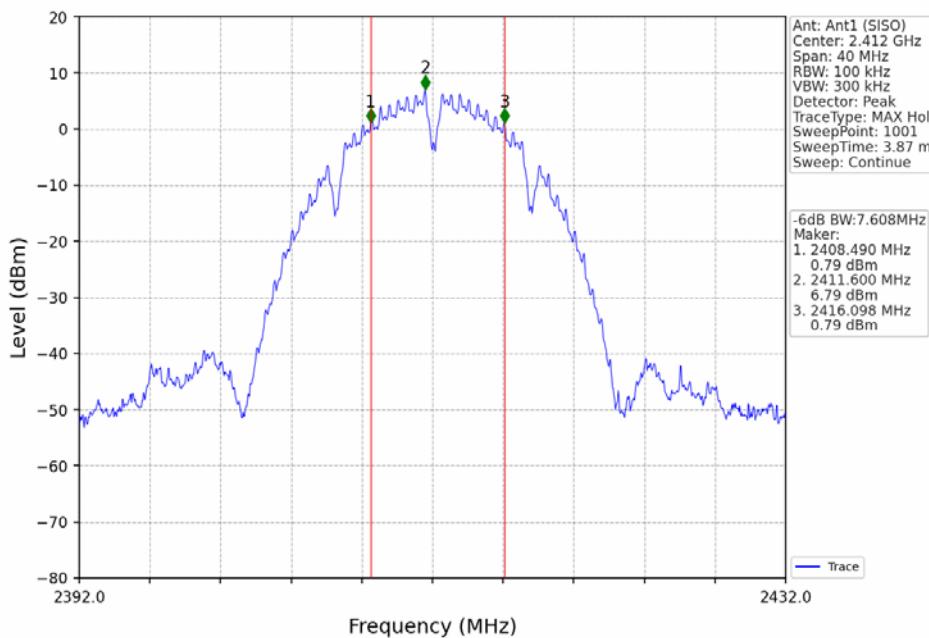
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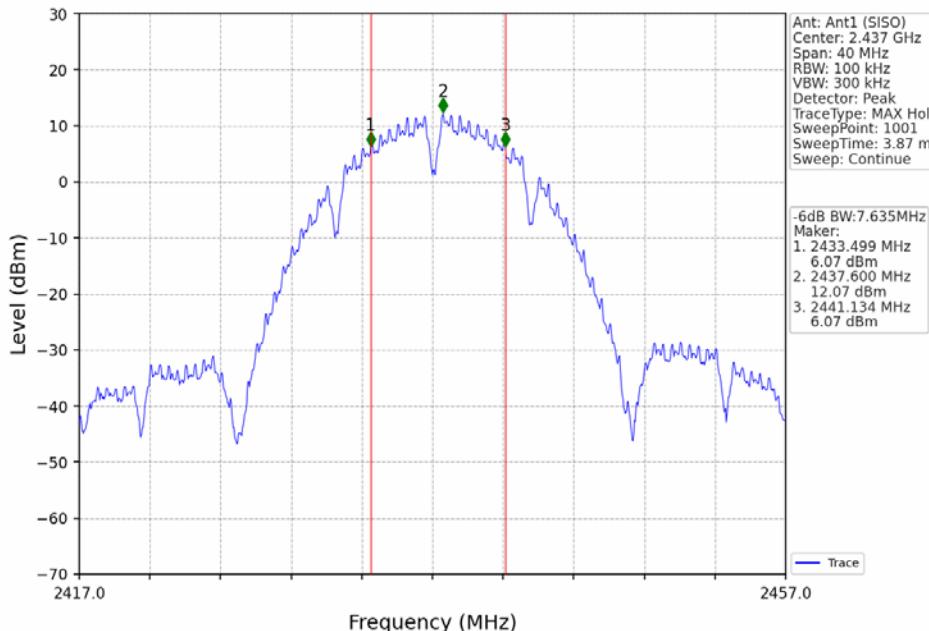


2.1.2 Test Graph

802.11b_LCH_2412MHz_Ant1 (SISO)_NTNV



802.11b_MCH_2437MHz_Ant1 (SISO)_NTNV

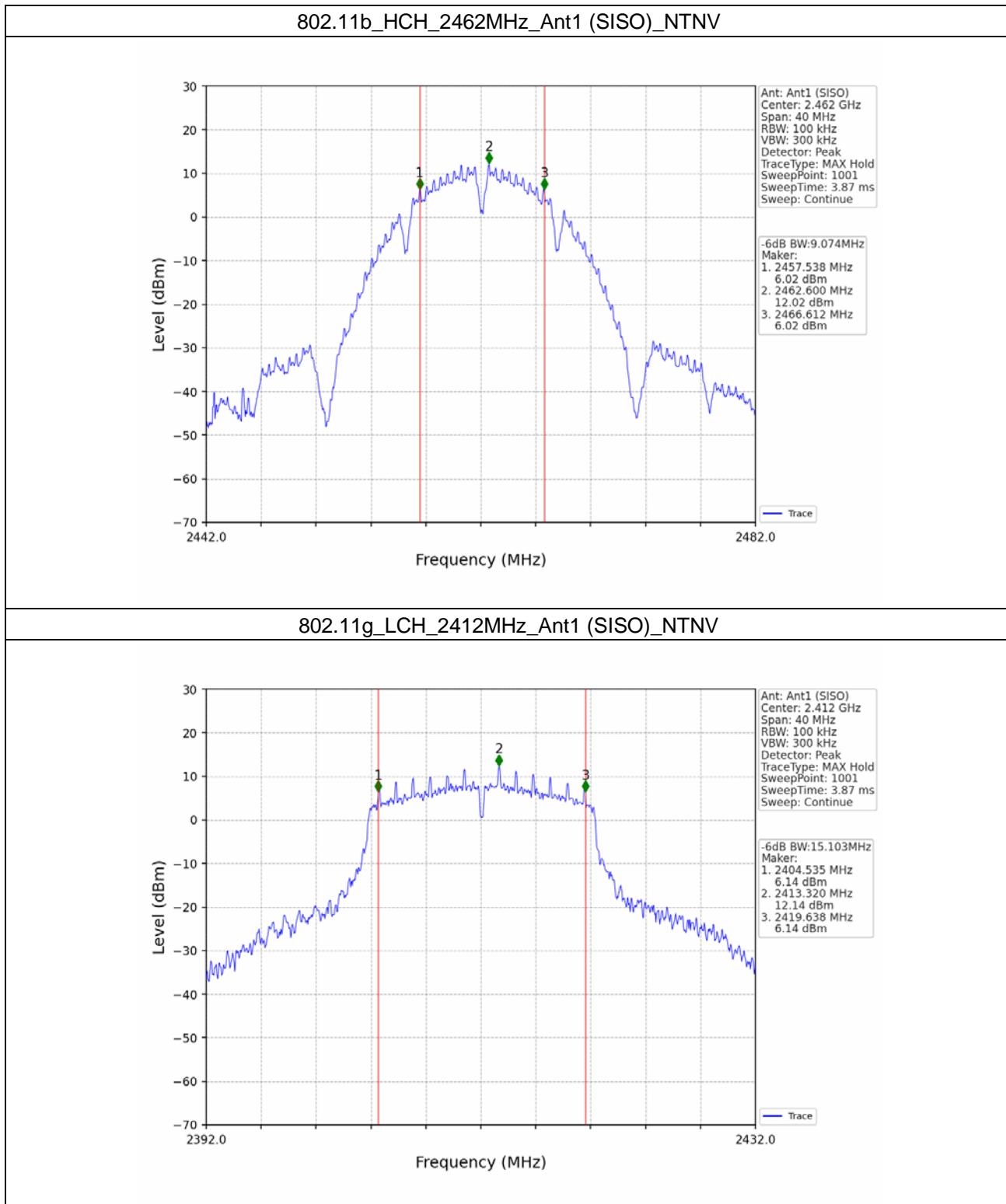


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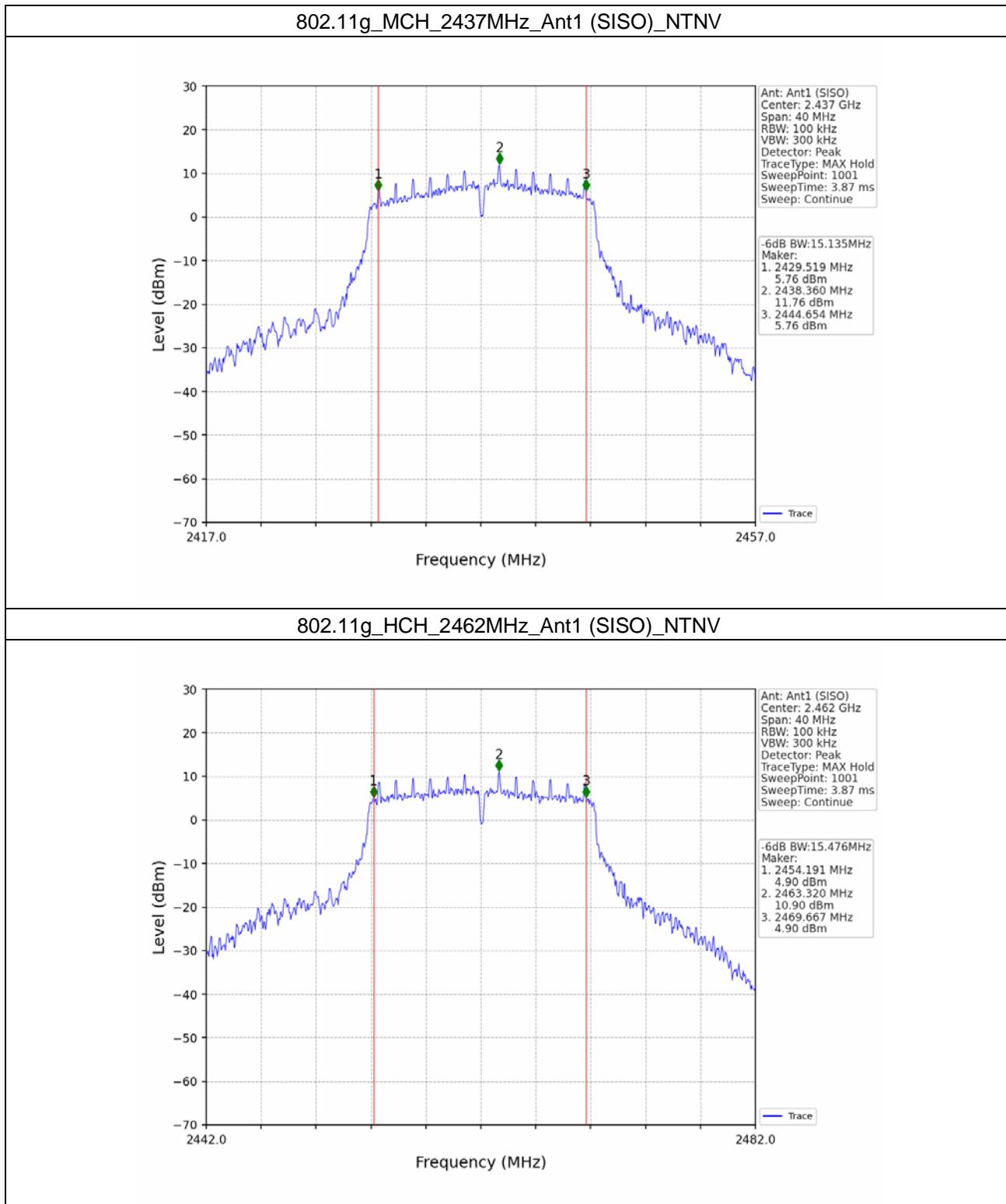


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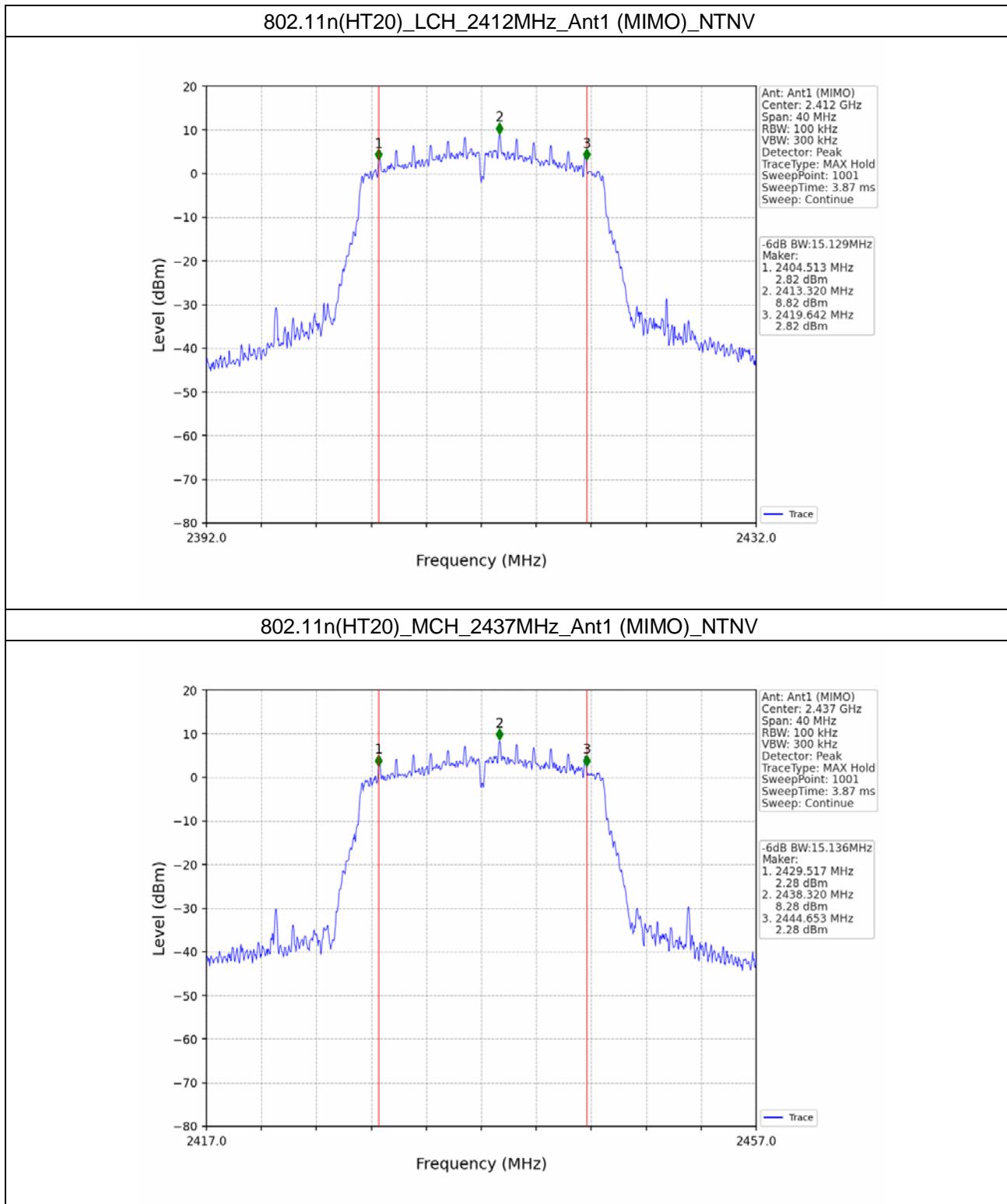


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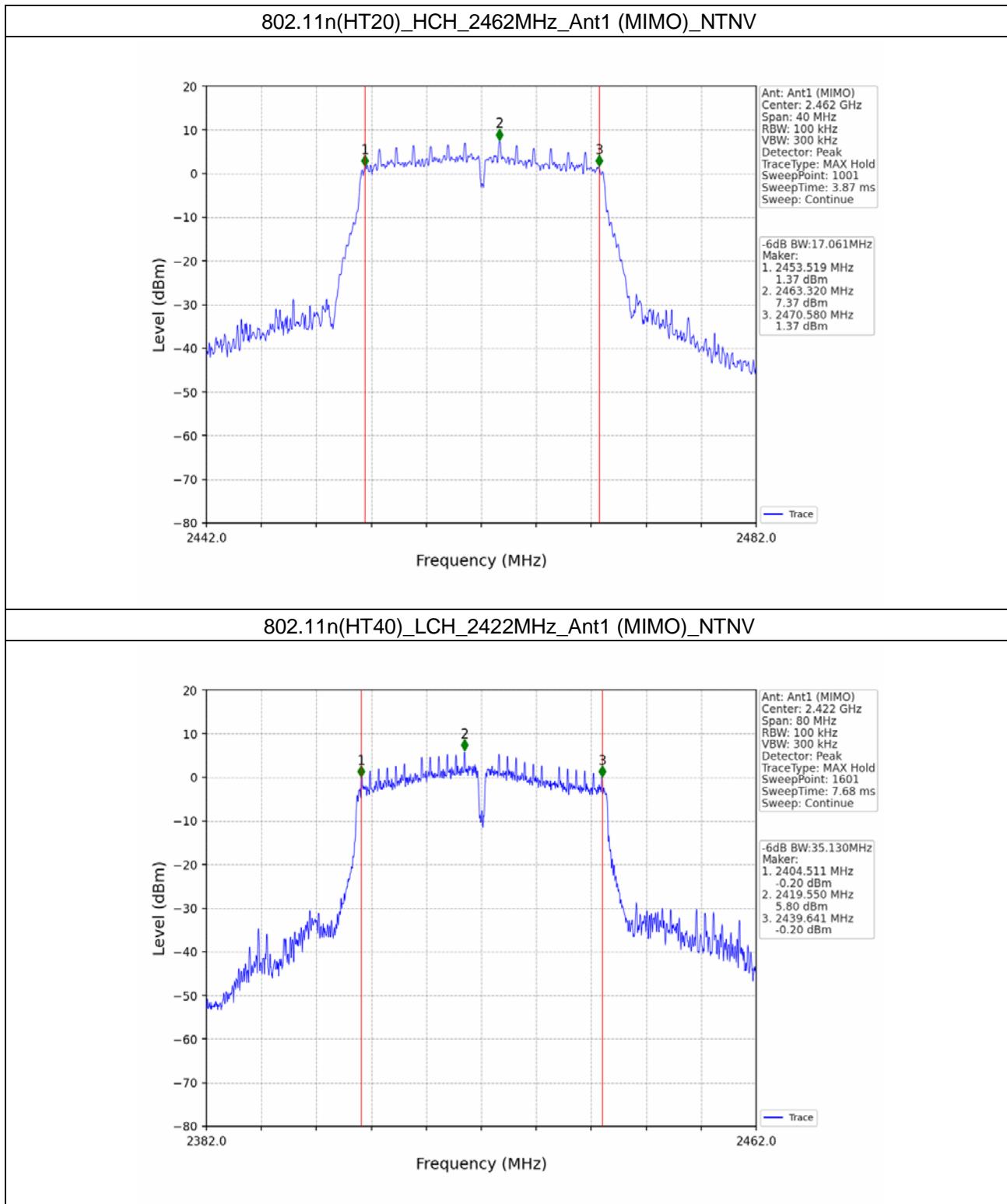


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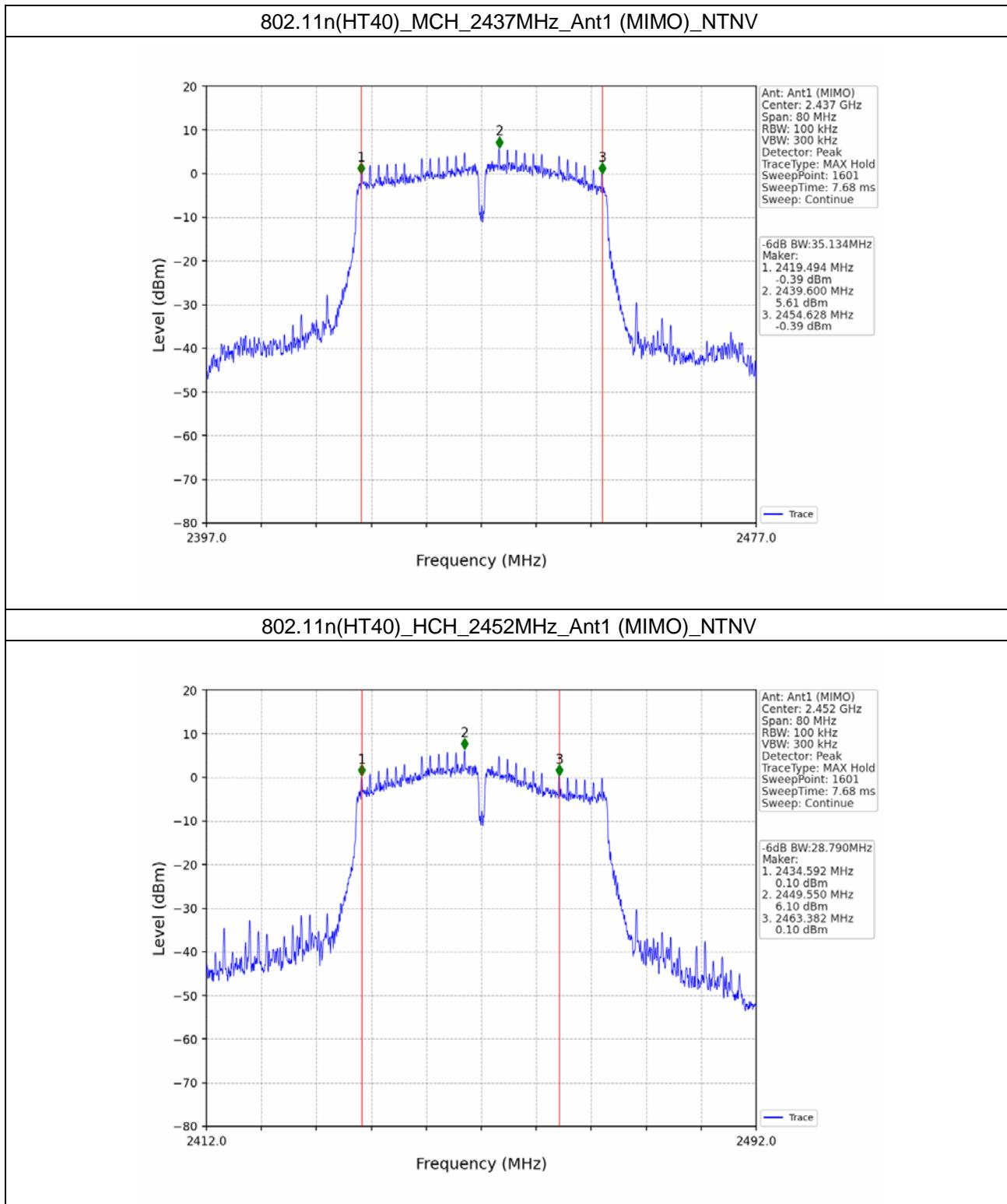


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3. Maximum Conducted Output Power

3.1 Power

3.1.1 Test Result

Mode	TX Type	Frequency (MHz)	Power Setting	Maximum Average Conducted Output Power (dBm)				Verdict
				ANT1	ANT2	MIMO	Limit	
802.11b	SISO	2412	30	21.44	22.45	/	<=30	Pass
		2437	30	20.93	22.05	/	<=30	Pass
		2462	30	20.59	21.20	/	<=30	Pass
802.11g	SISO	2412	30	21.43	22.33	/	<=30	Pass
		2437	30	21.02	22.24	/	<=30	Pass
		2462	30	20.95	21.48	/	<=30	Pass
802.11n (HT20)	MIMO	2412	36	18.39	19.00	21.72	<=29.79	Pass
		2437	36	17.92	19.02	21.52	<=29.79	Pass
		2462	36	17.87	18.17	21.03	<=29.79	Pass
802.11n (HT40)	MIMO	2422	36	18.30	19.35	21.87	<=29.79	Pass
		2437	36	18.42	19.55	22.03	<=29.79	Pass
		2452	36	18.03	19.72	21.97	<=29.79	Pass

Note: Please refer to section 6.1.2 of this report for antenna gain and directional gain calculation.



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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	ANT2	MIMO	Limit	
802.11b	SISO	2412	-2.01	-1.19	/	<=8	Pass
		2437	-3.04	-1.79	/	<=8	Pass
		2462	-2.99	-0.25	/	<=8	Pass
802.11g	SISO	2412	-5.50	-4.03	/	<=8	Pass
		2437	-6.04	-5.23	/	<=8	Pass
		2462	-5.96	-6.57	/	<=8	Pass
802.11n (HT20)	MIMO	2412	-7.92	-6.82	-4.55	<=7.79	Pass
		2437	-7.32	-6.64	-4.83	<=7.79	Pass
		2462	-7.44	-7.29	-4.35	<=7.79	Pass
802.11n (HT40)	MIMO	2422	-10.61	-9.42	-7.30	<=7.79	Pass
		2437	-10.70	-9.85	-8.20	<=7.79	Pass
		2452	-10.53	-8.57	-6.98	<=7.79	Pass

Note: Please refer to section 6.1.2 of this report for antenna gain and directional gain calculation.

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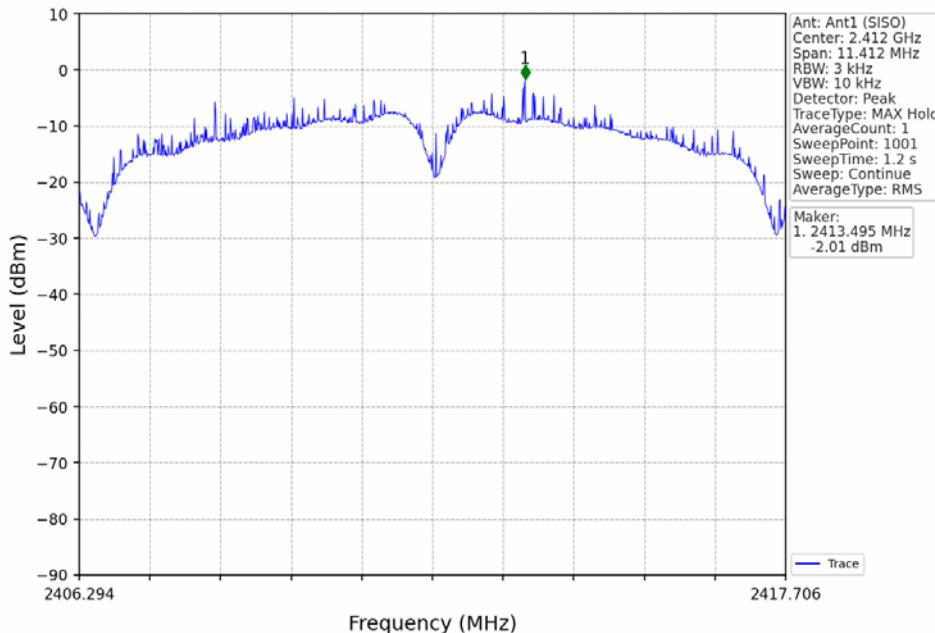
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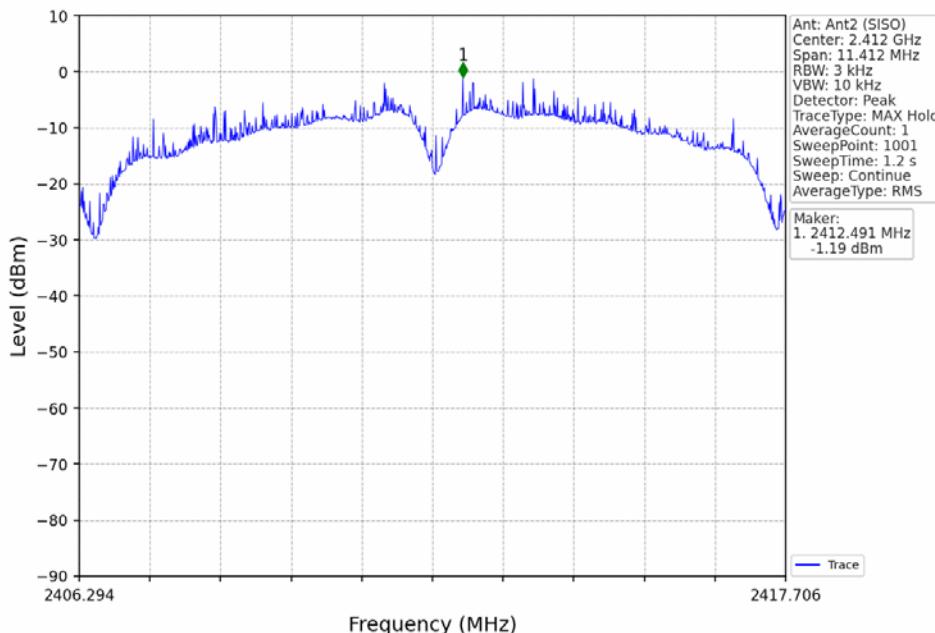
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4.1.2 Test Graph

802.11b_LCH_2412MHz_Ant1 (SISO)_NTNV



802.11b_LCH_2412MHz_Ant2 (SISO)_NTNV

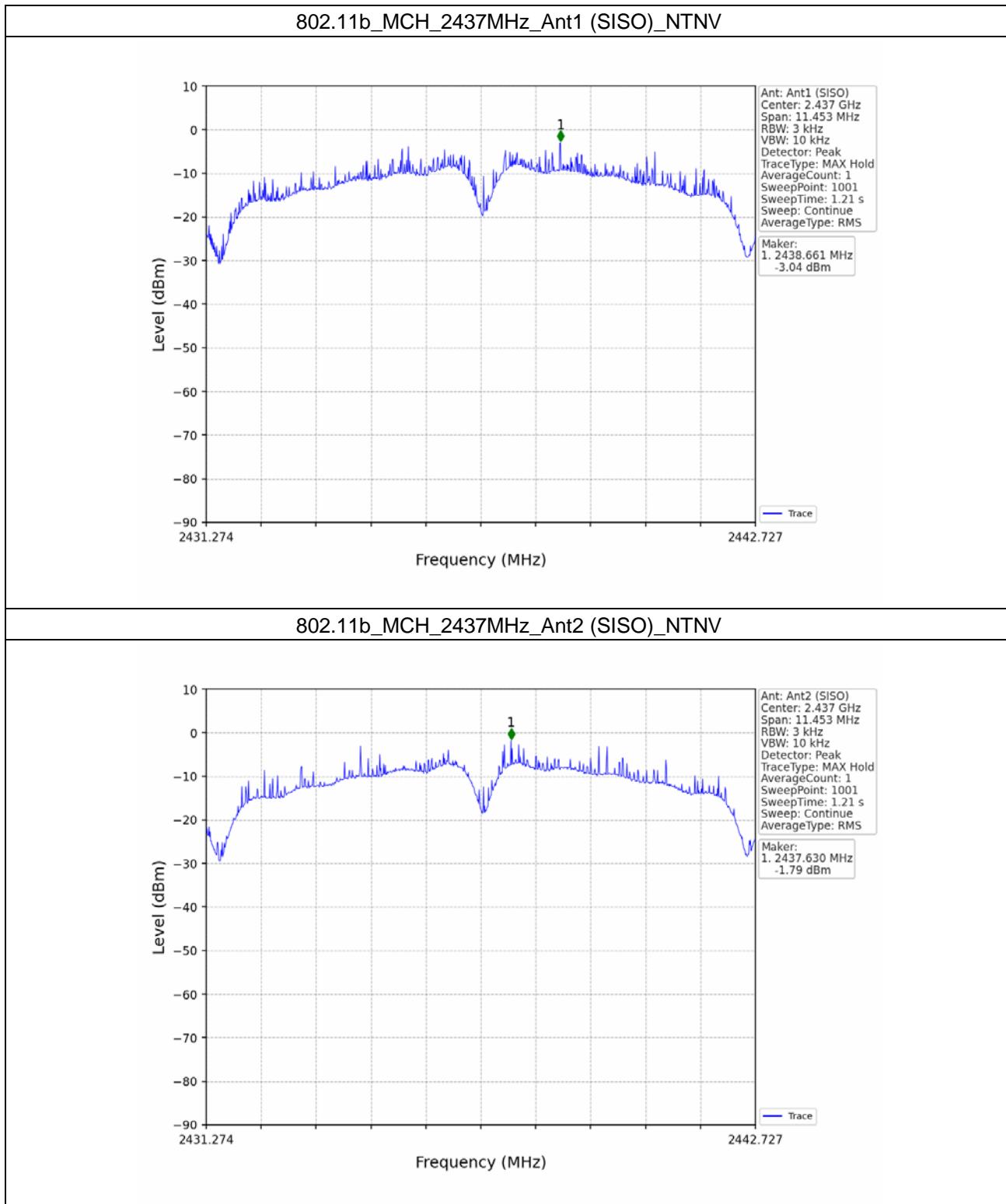


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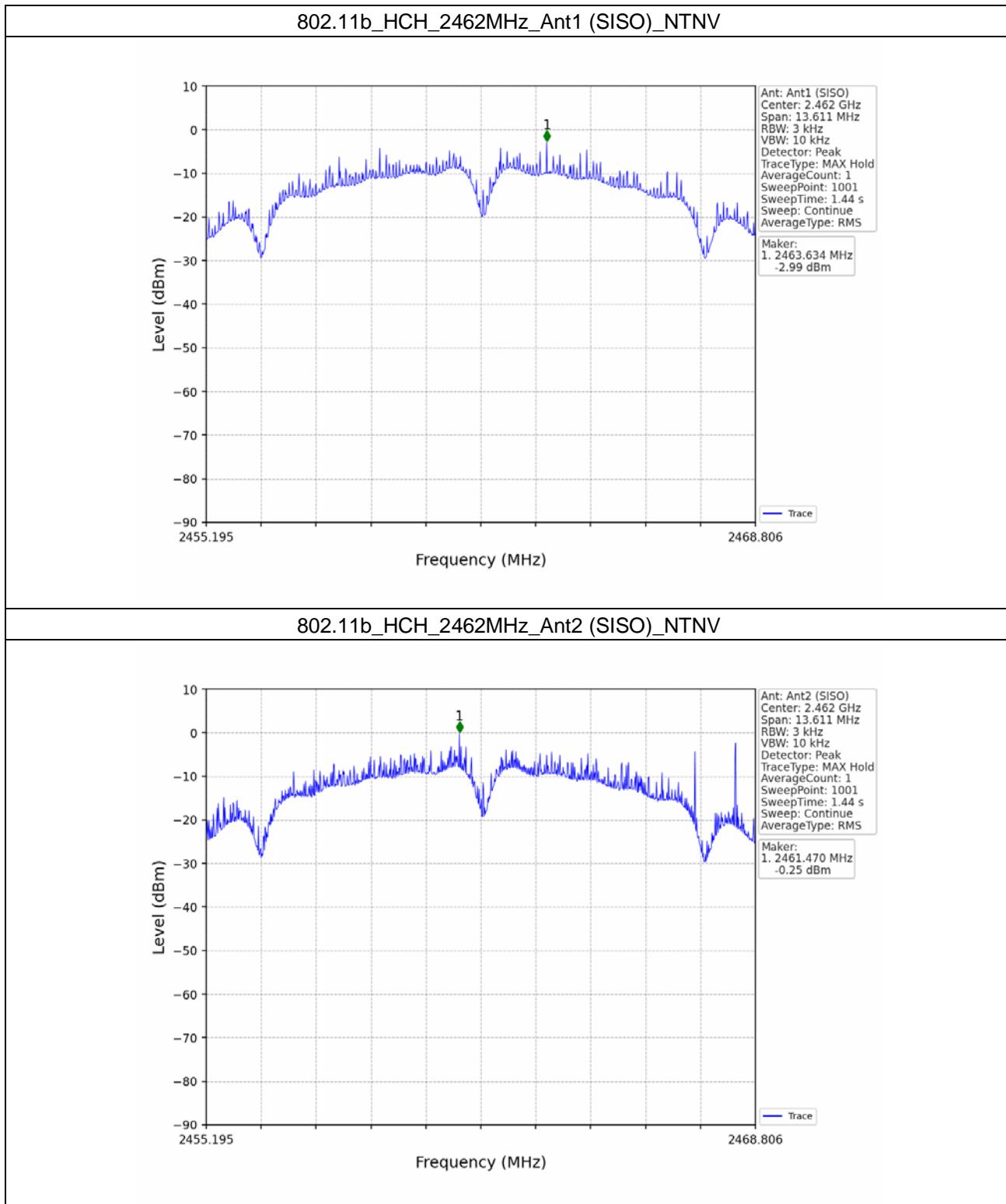


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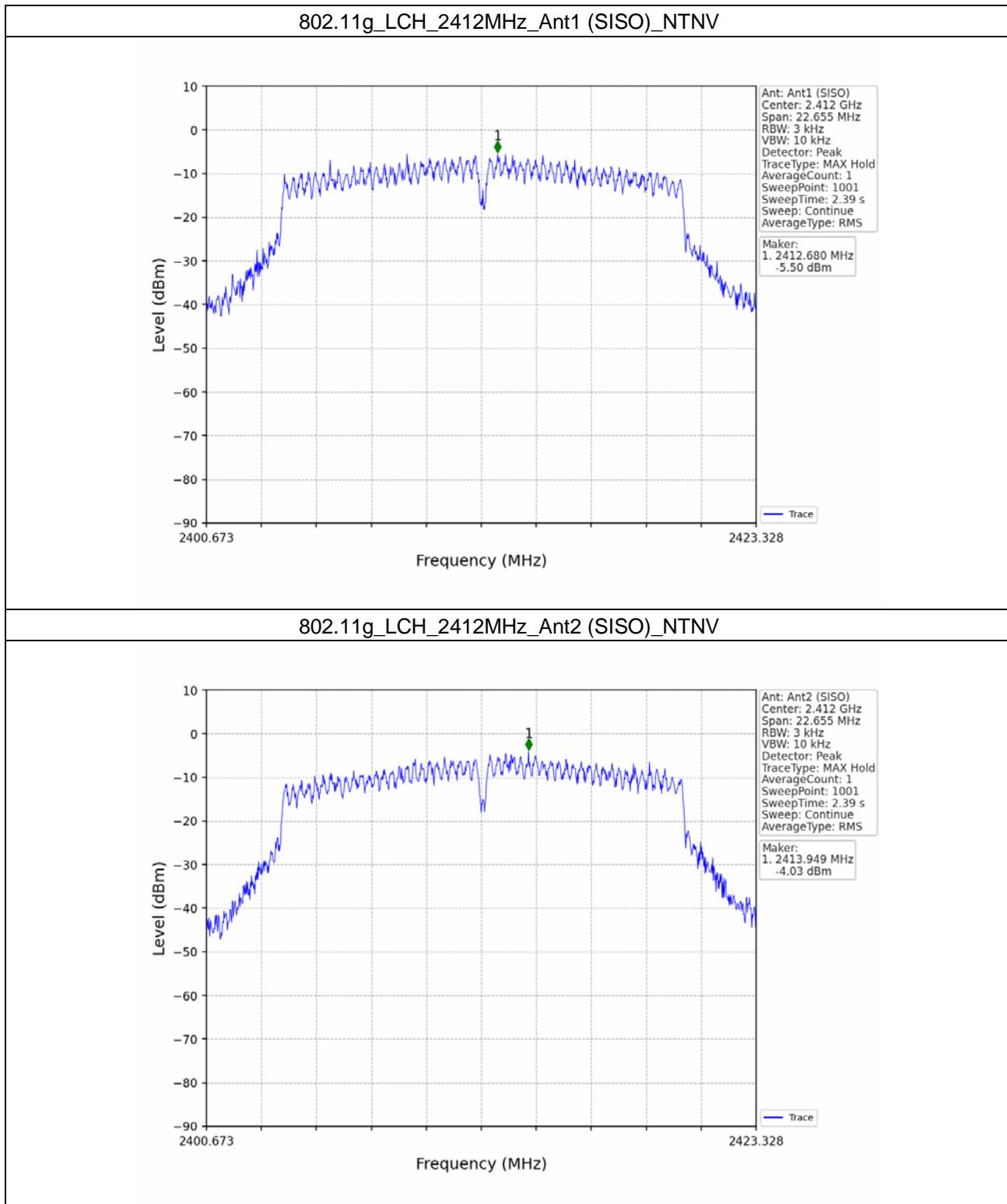


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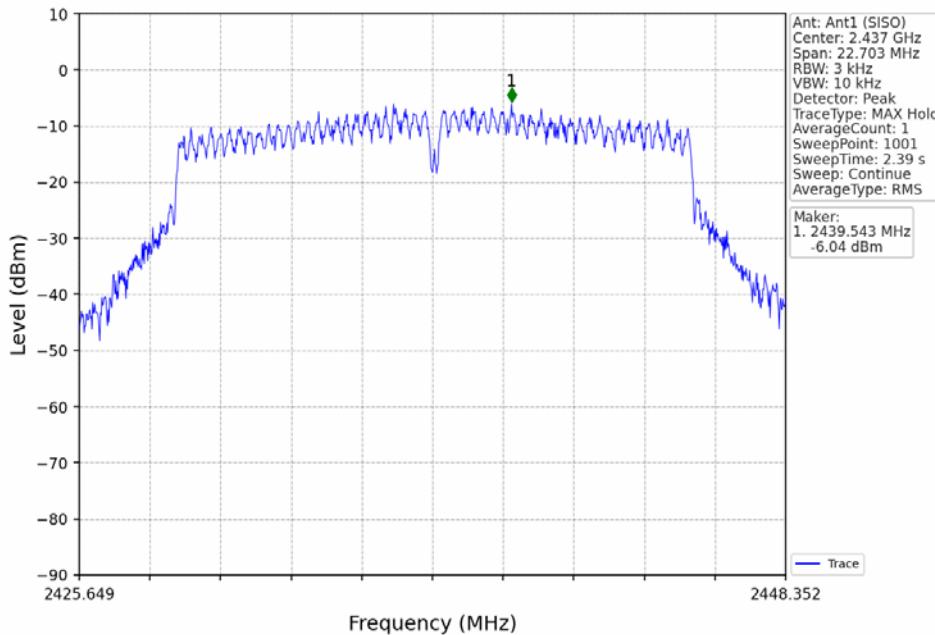
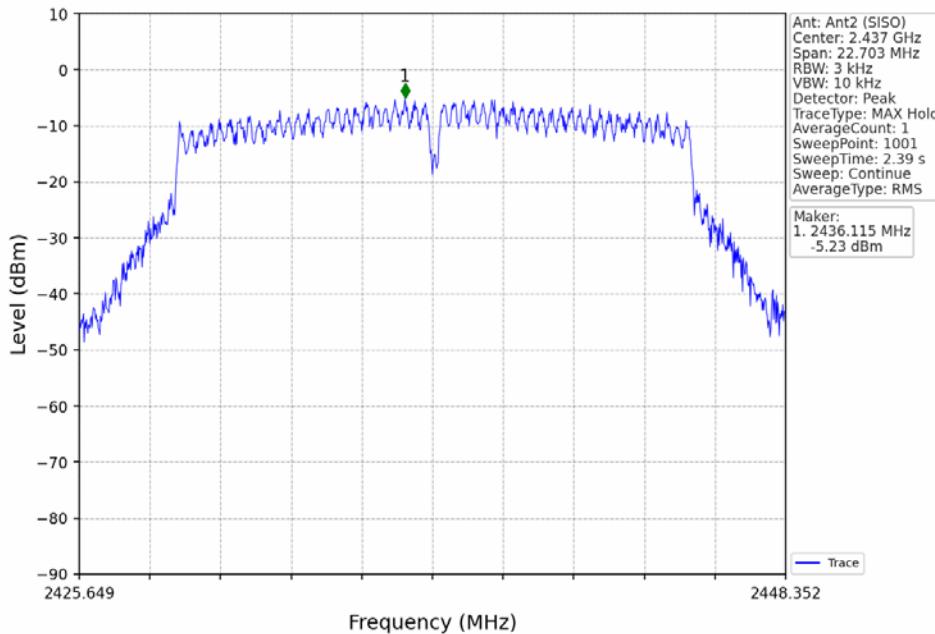


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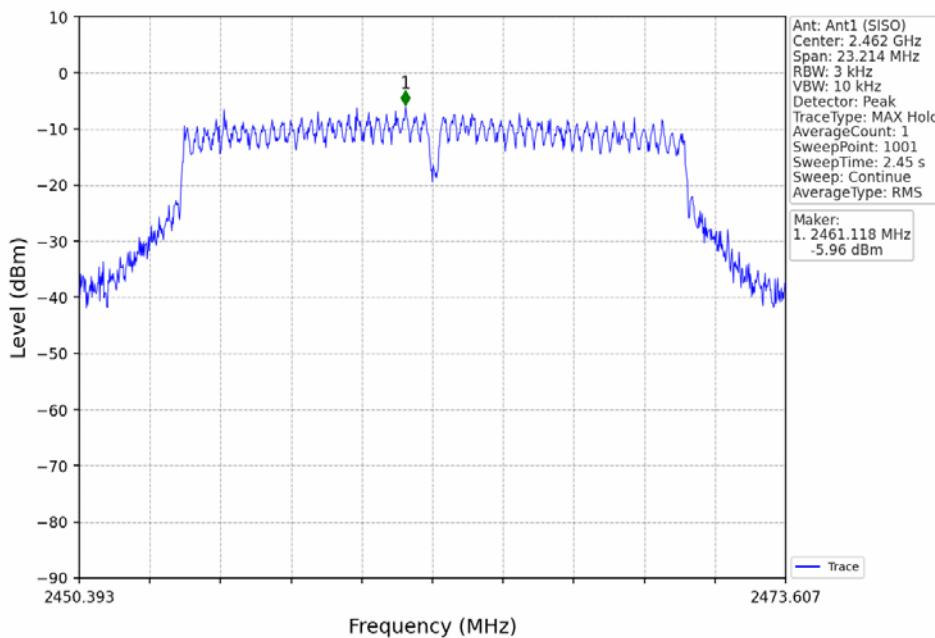
802.11g_MCH_2437MHz_Ant1 (SISO)_NTNV**802.11g_MCH_2437MHz_Ant2 (SISO)_NTNV**

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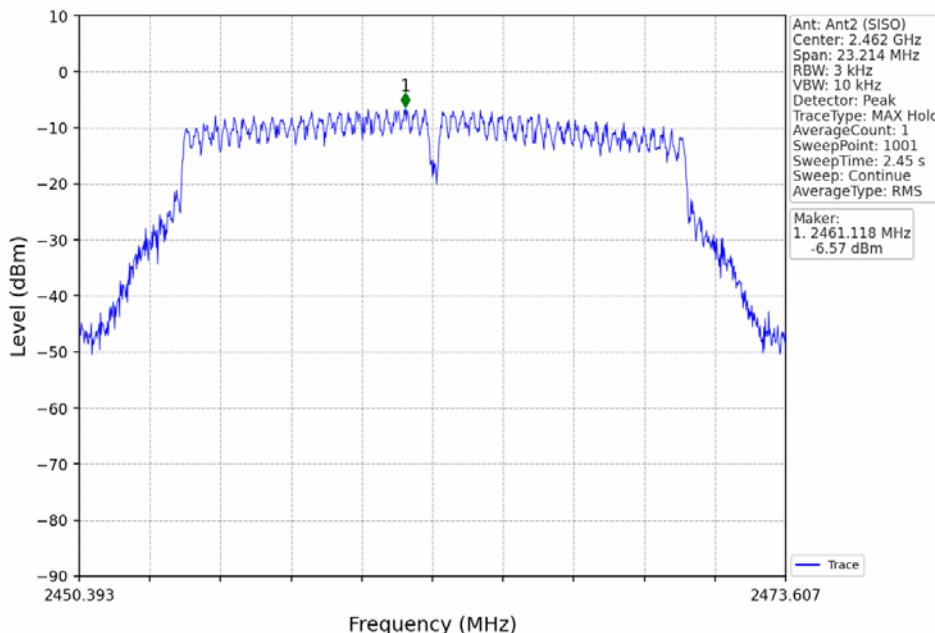
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802.11g_HCH_2462MHz_Ant1 (SISO)_NTNV



802.11g_HCH_2462MHz_Ant2 (SISO)_NTNV

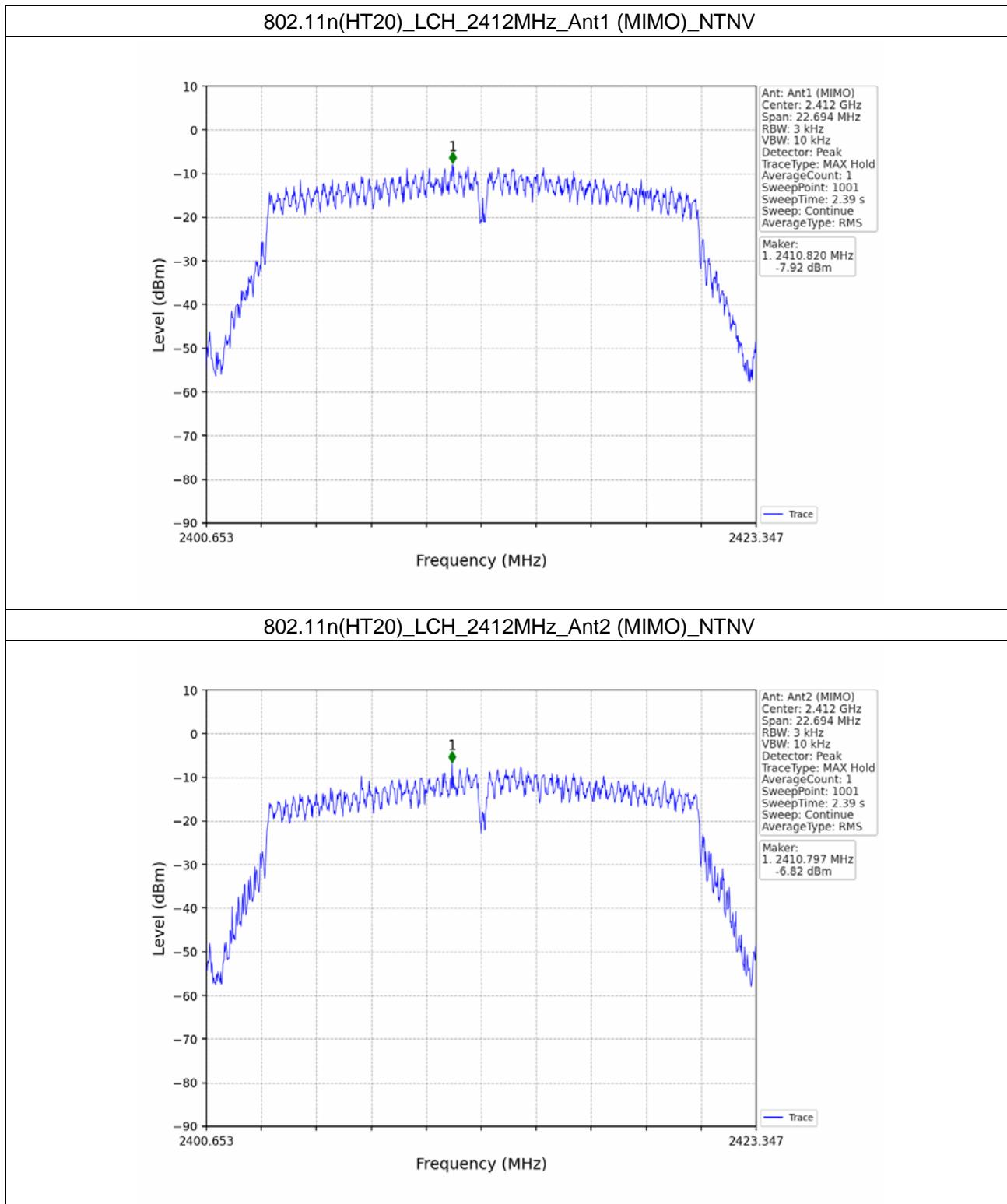


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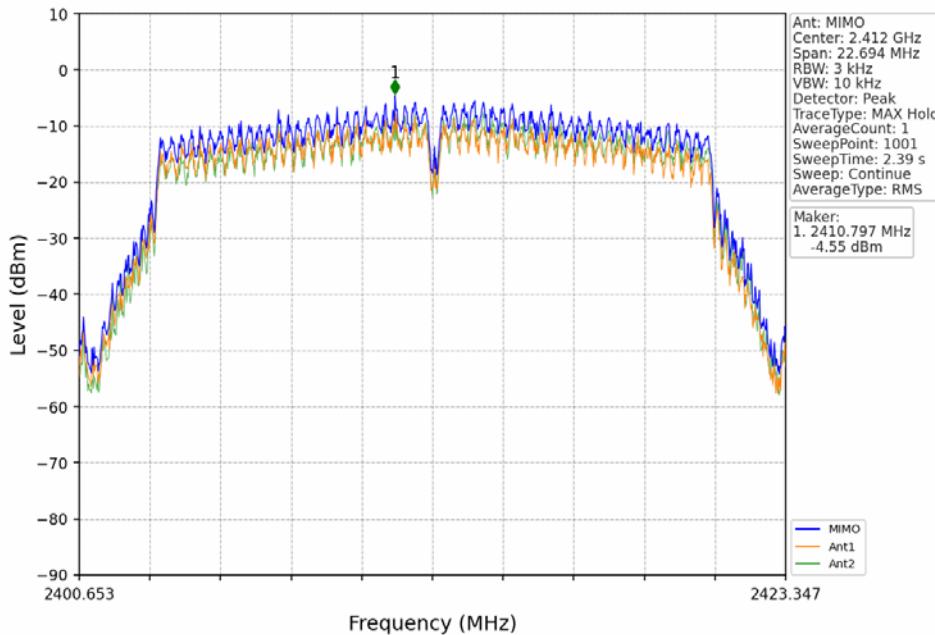
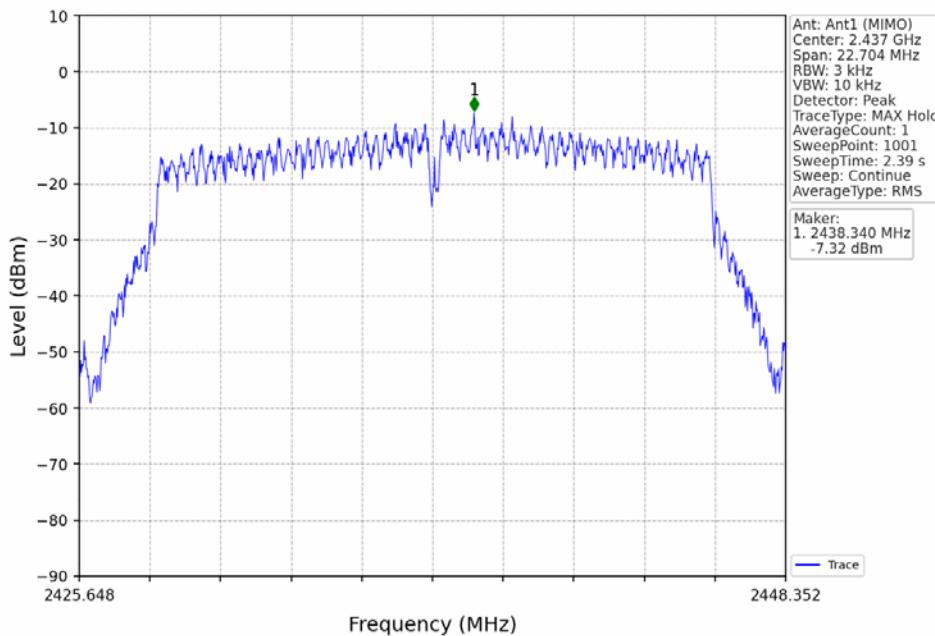


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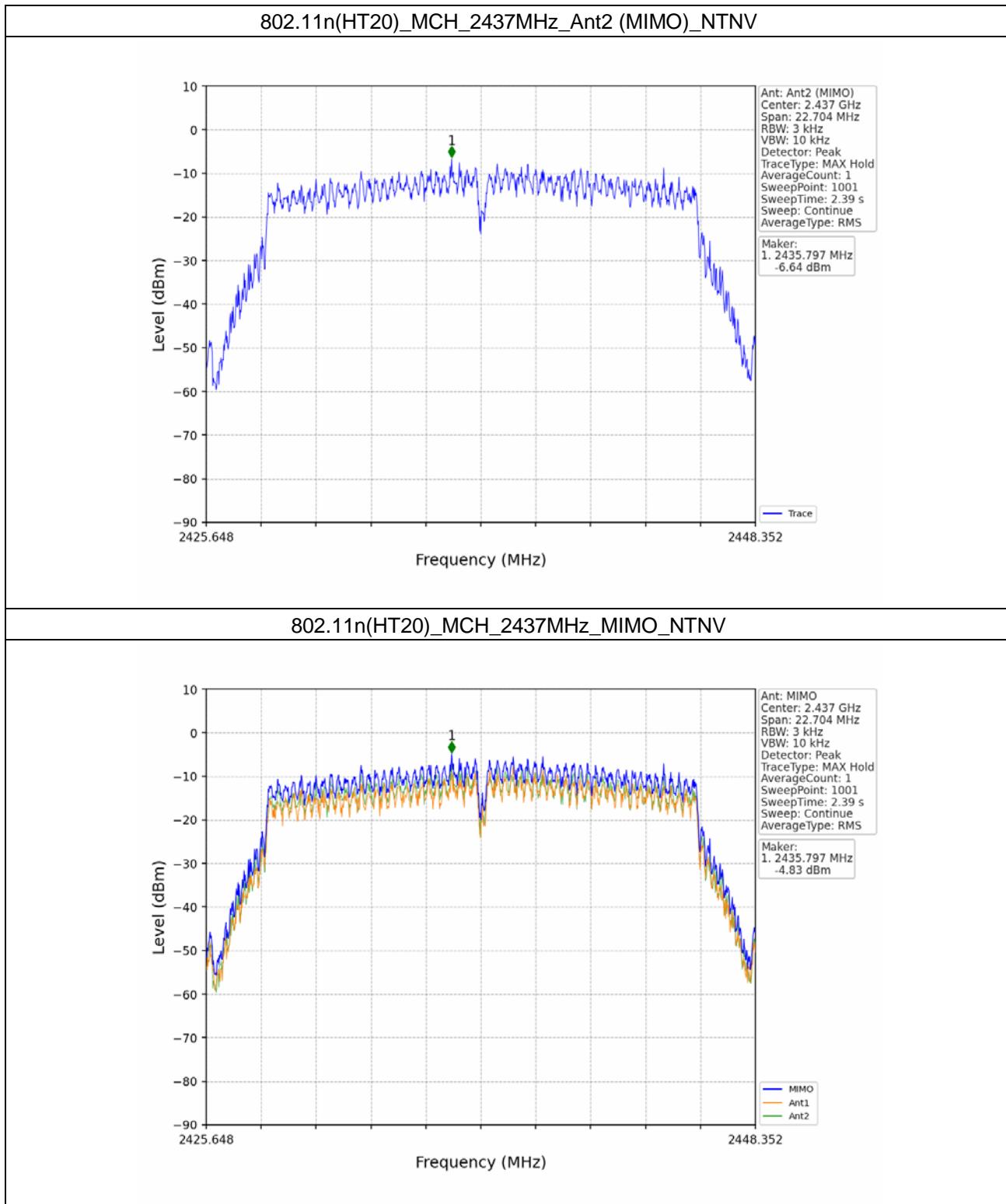
802.11n(HT20)_LCH_2412MHz_MIMO_NTNV**802.11n(HT20)_MCH_2437MHz_Ant1 (MIMO)_NTNV**

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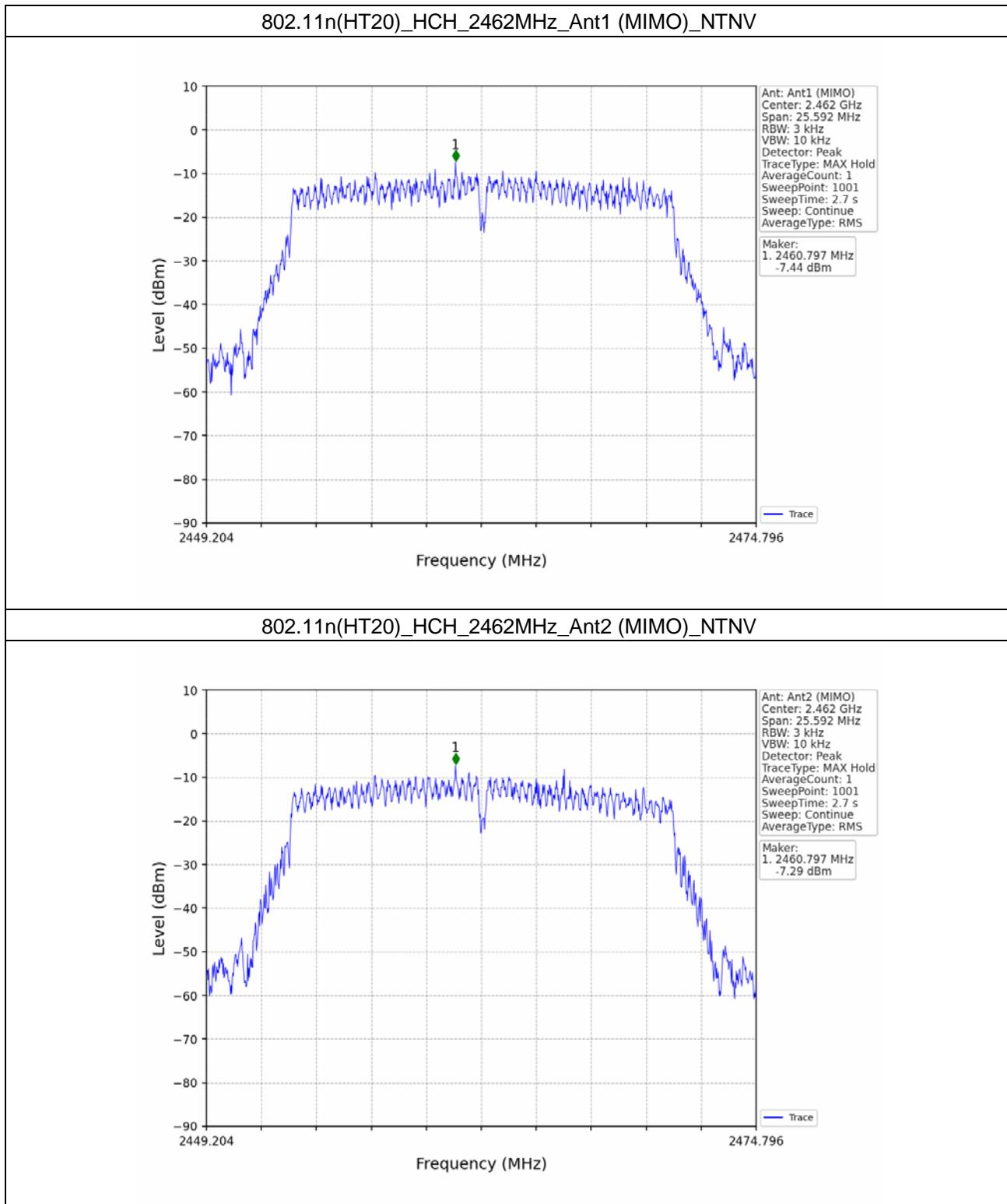


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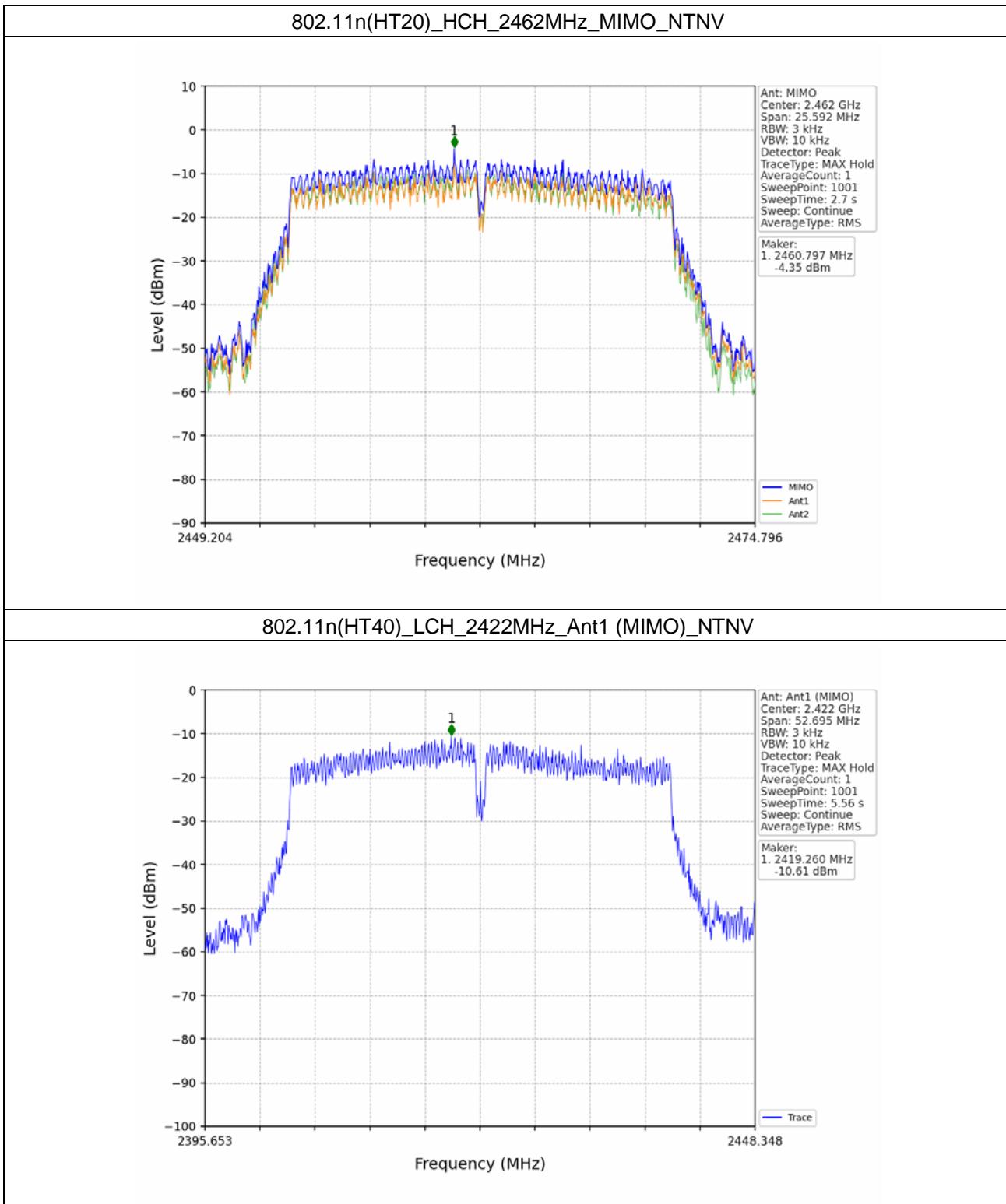
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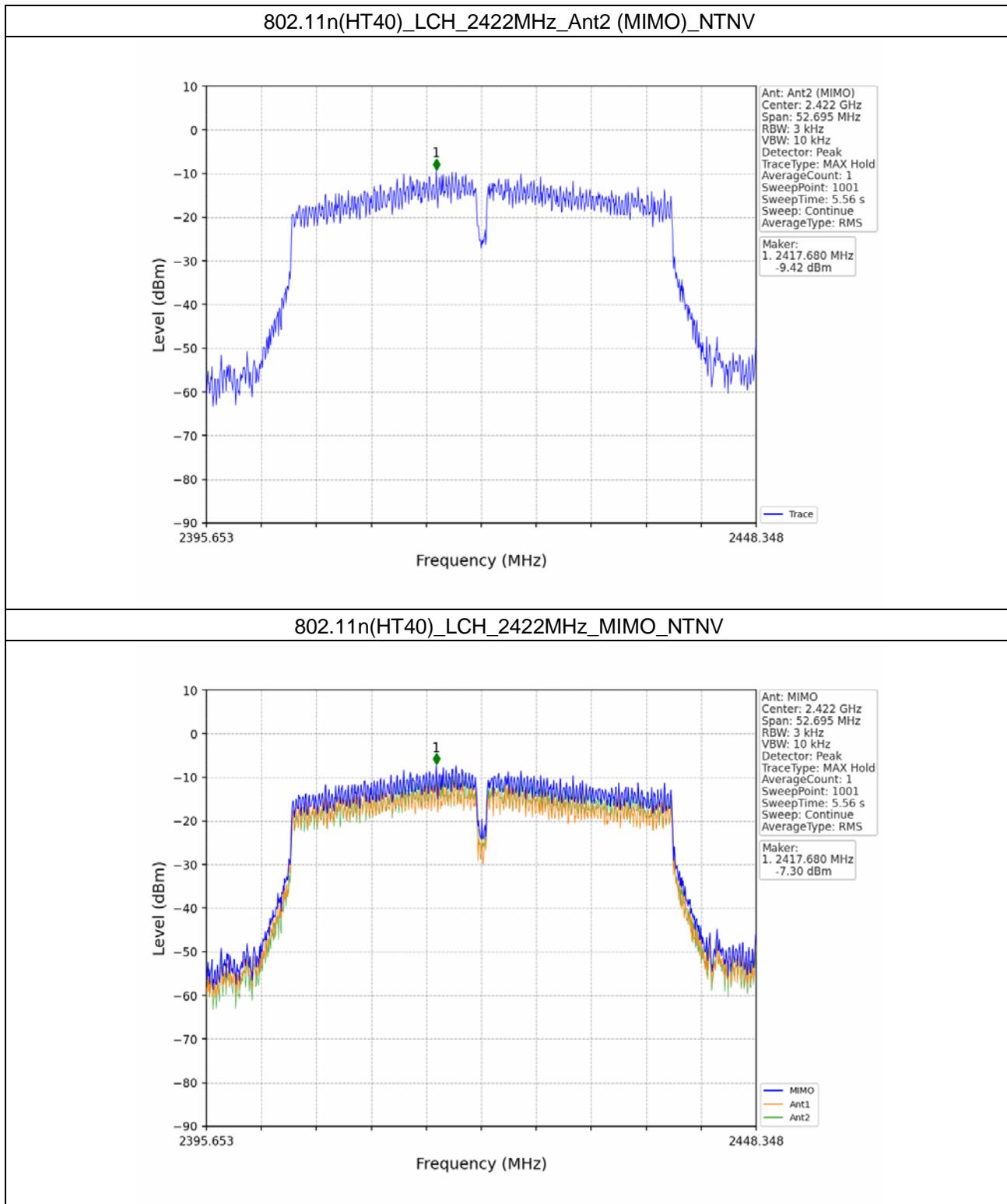




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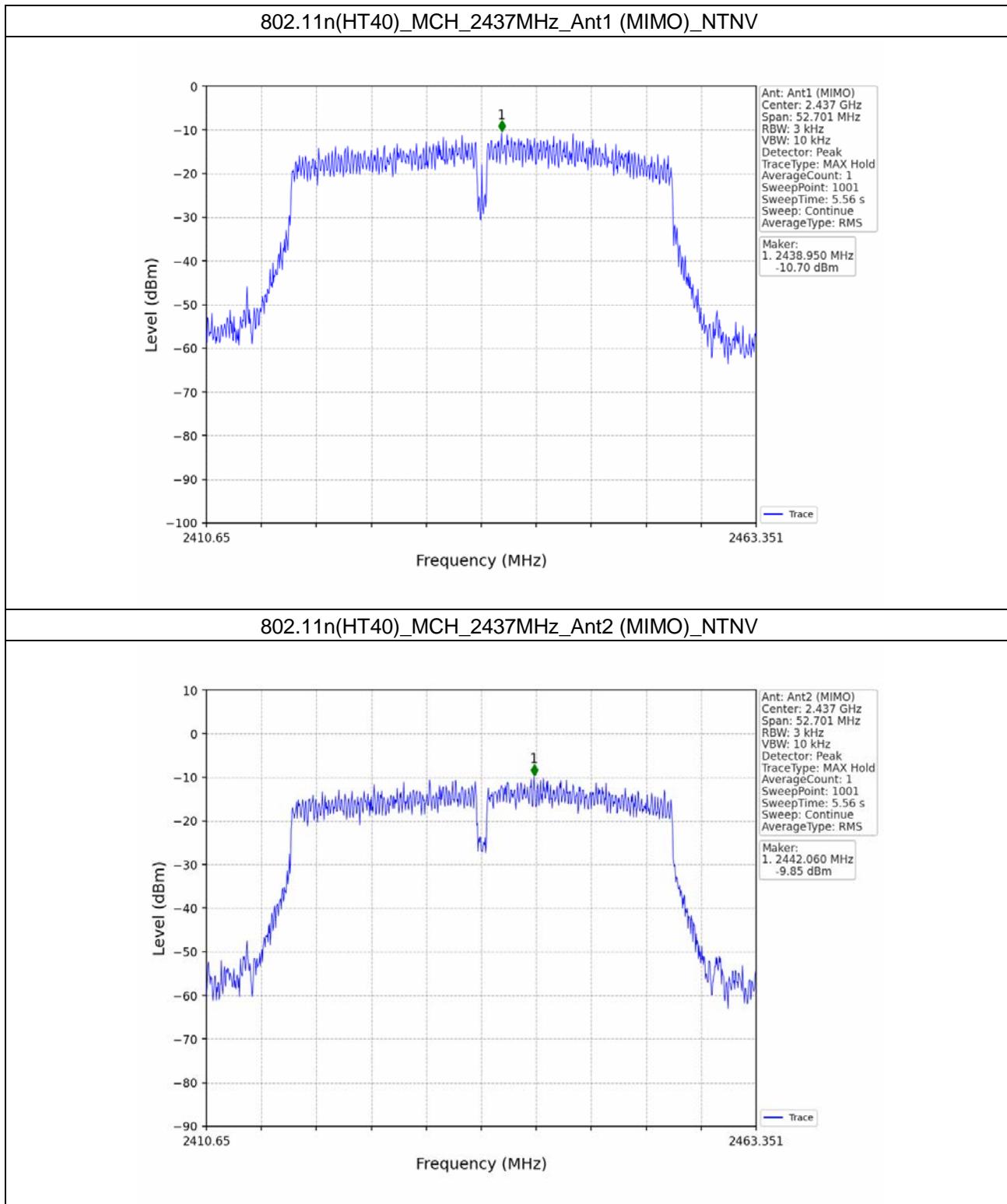


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