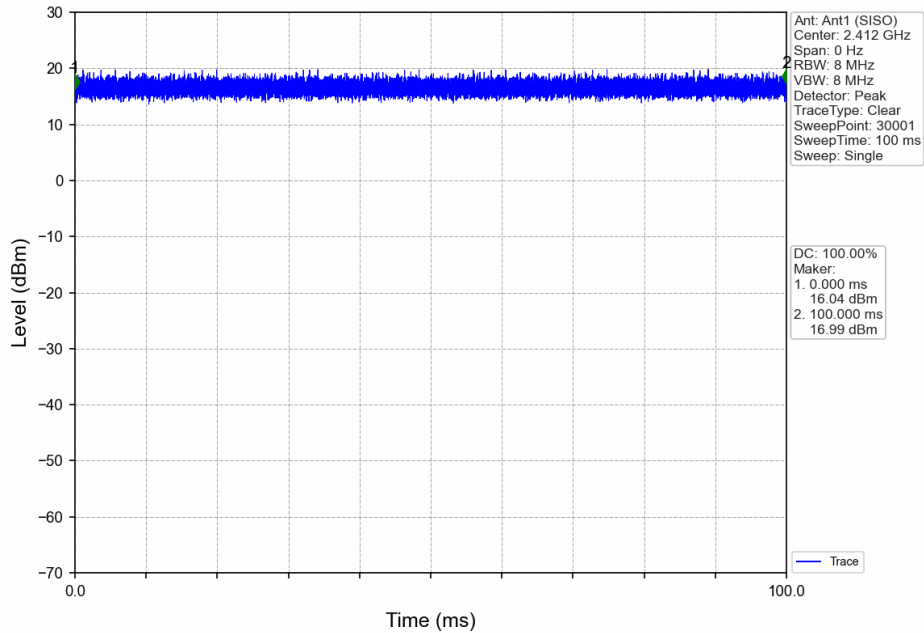
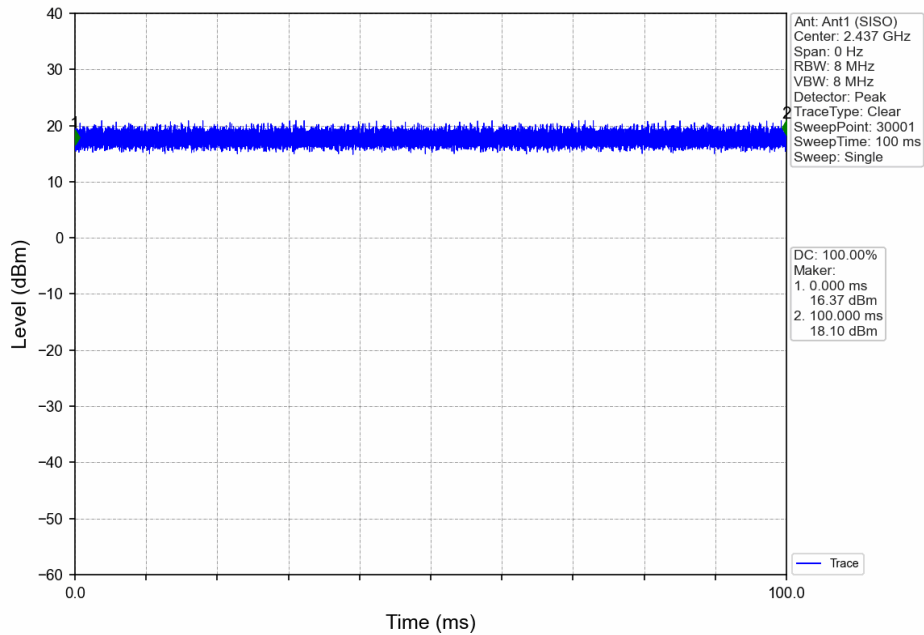


802.11n(HT20)_LCH_2412MHz_Ant1 (SISO)_NTNV



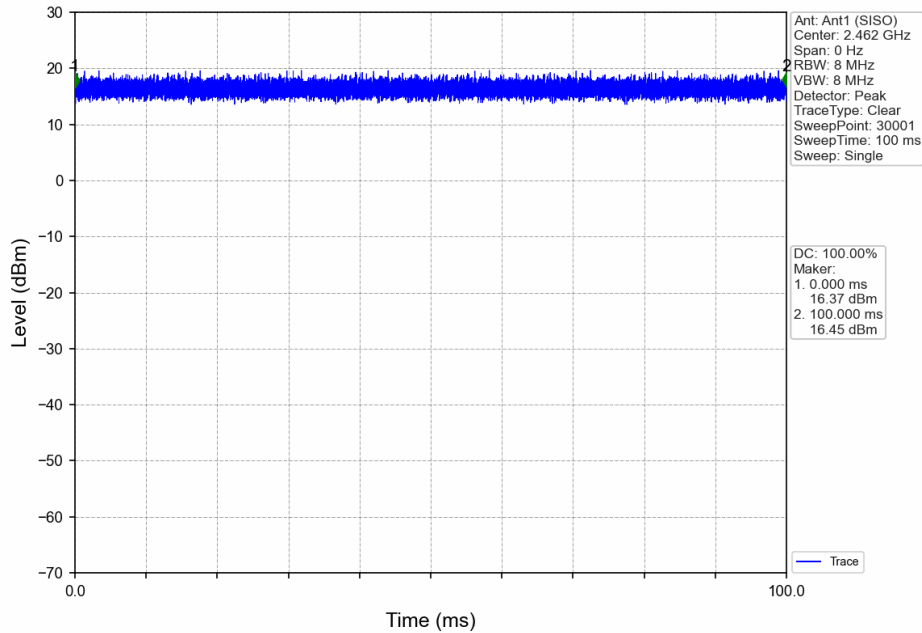
802.11n(HT20)_MCH_2437MHz_Ant1 (SISO)_NTNV



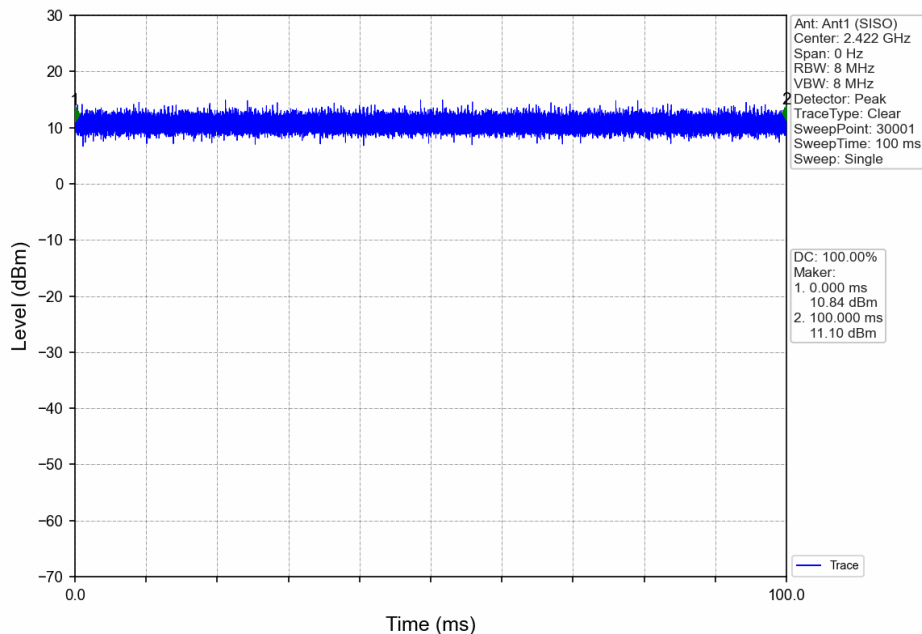
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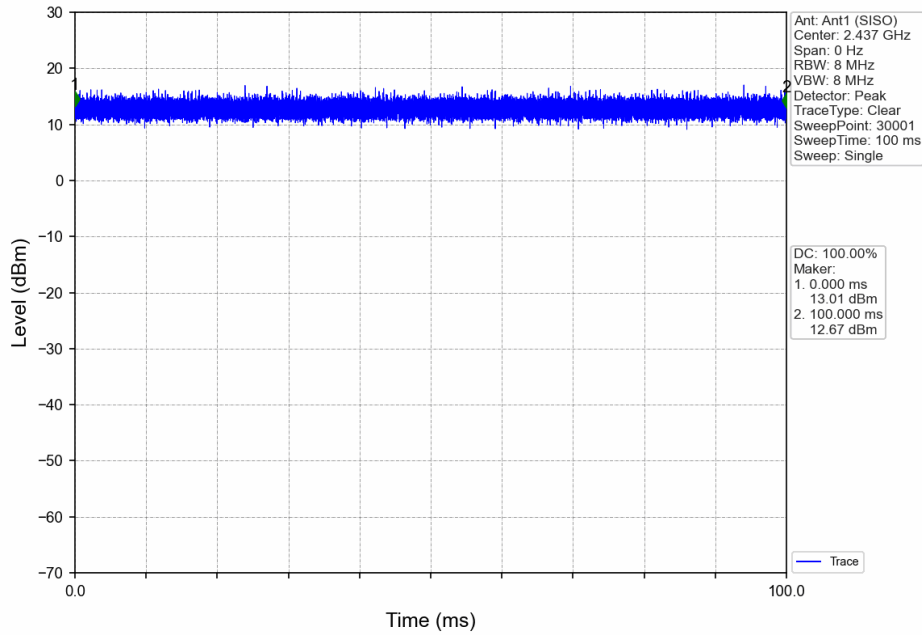
802.11n(HT20)_HCH_2462MHz_Ant1 (SISO)_NTNV



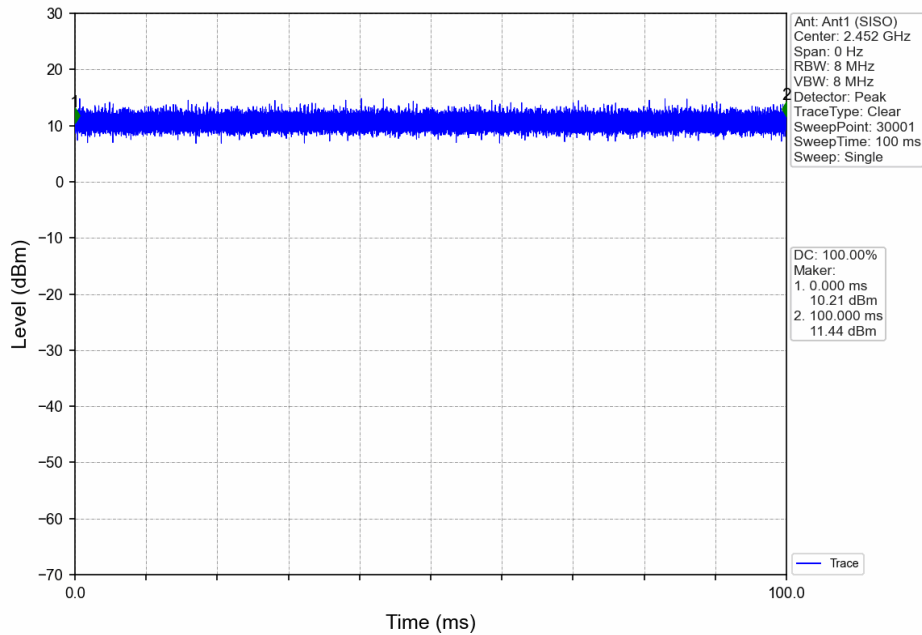
802.11n(HT40)_LCH_2422MHz_Ant1 (SISO)_NTNV



802.11n(HT40)_MCH_2437MHz_Ant1 (SISO)_NTNV



802.11n(HT40)_HCH_2452MHz_Ant1 (SISO)_NTNV



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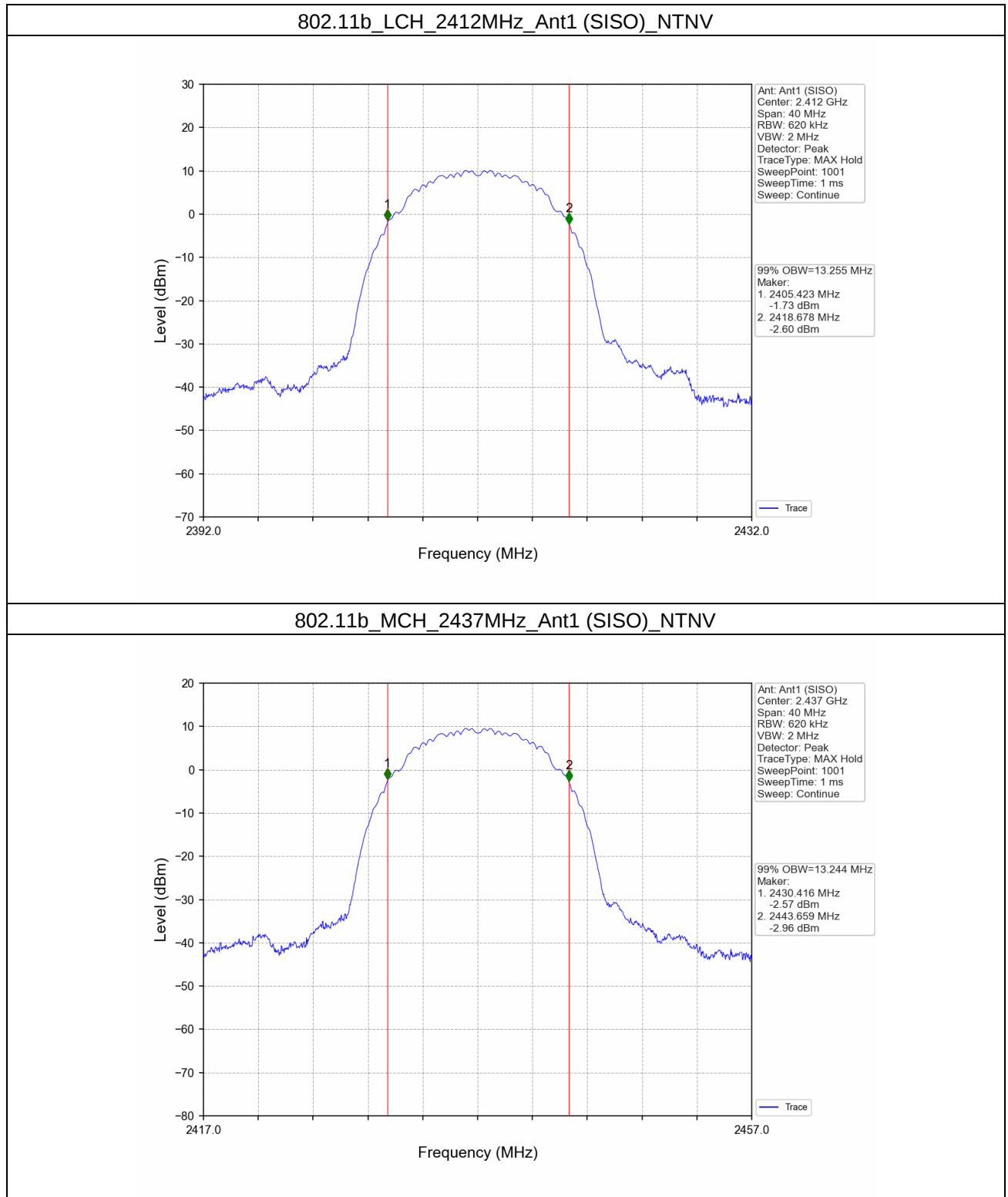
2. Bandwidth

2.1 OBW

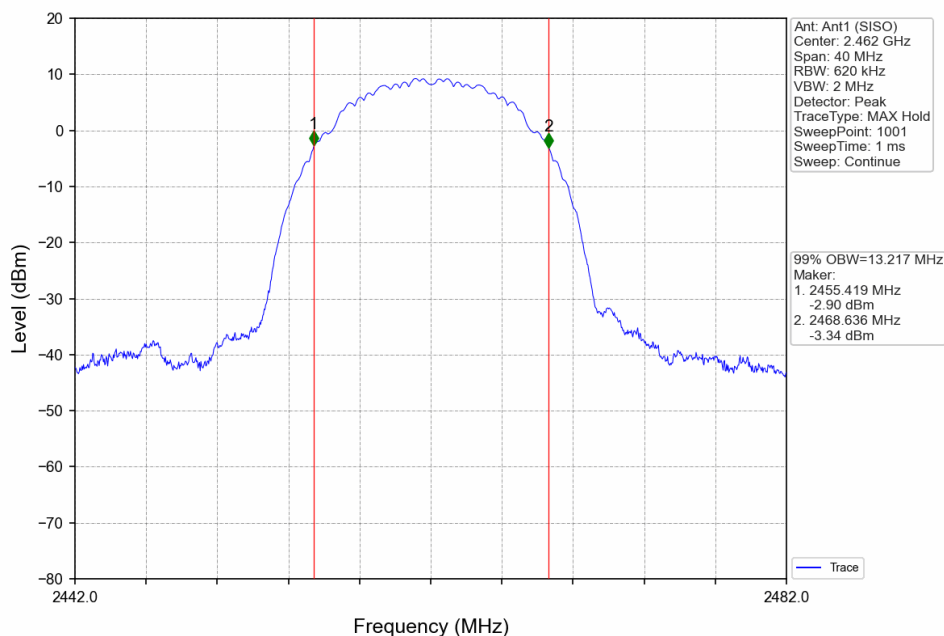
2.1.1 Test Result

Mode	TX Type	Frequency (MHz)	Ant	99% Occupied Bandwidth (MHz)	Verdict
				Result	
802.11b	SISO	2412	1	13.255	Pass
		2437	1	13.244	Pass
		2462	1	13.217	Pass
802.11g	SISO	2412	1	16.790	Pass
		2437	1	16.784	Pass
		2462	1	16.779	Pass
802.11n (HT20)	SISO	2412	1	17.446	Pass
		2437	1	17.464	Pass
		2462	1	17.457	Pass
802.11n (HT40)	SISO	2422	1	34.862	Pass
		2437	1	34.863	Pass
		2452	1	34.833	Pass

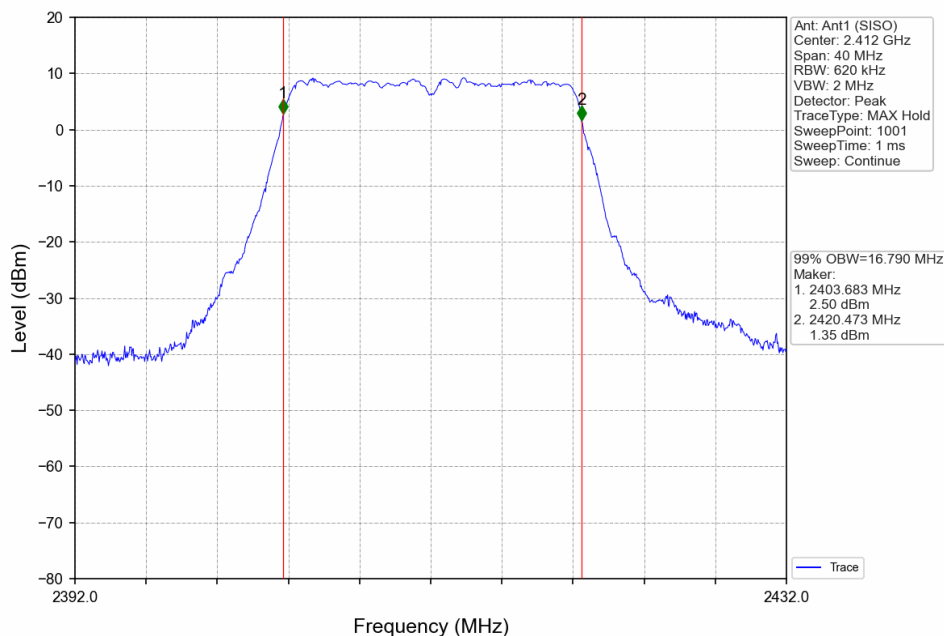
2.1.2 Test Graph



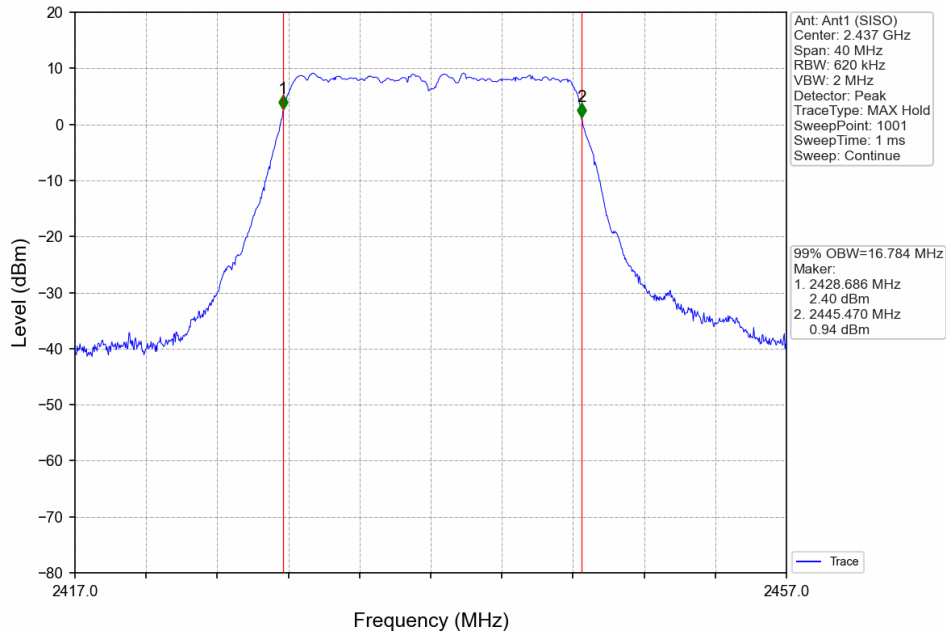
802.11b_HCH_2462MHz_Ant1 (SISO)_NTNV



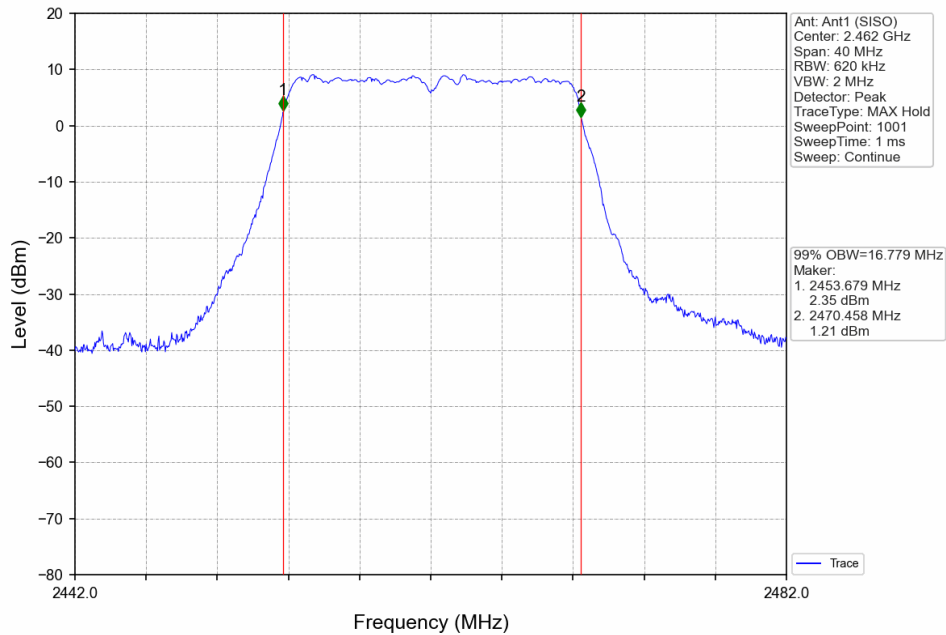
802.11g_LCH_2412MHz_Ant1 (SISO)_NTNV



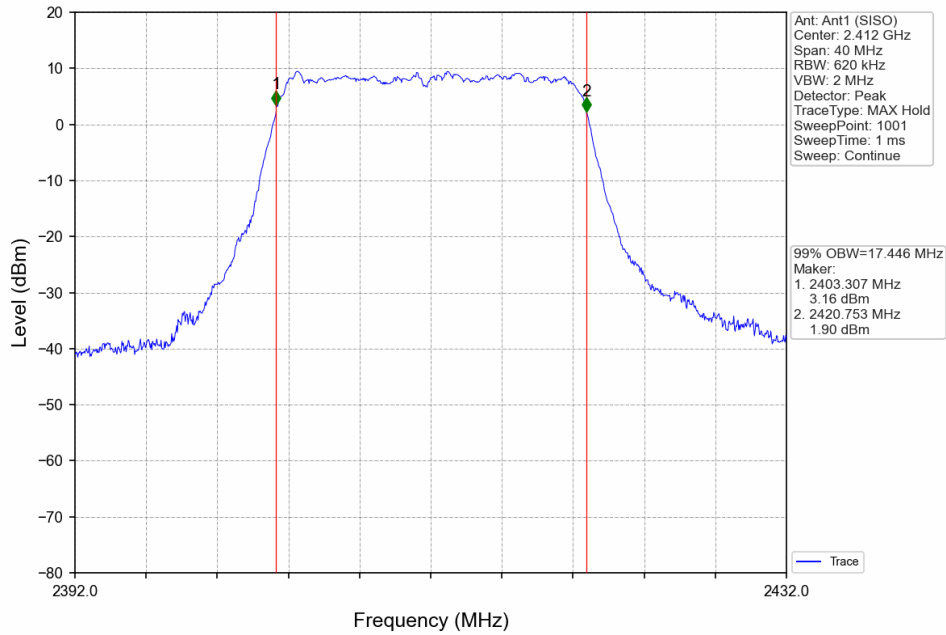
802.11g_MCH_2437MHz_Ant1 (SISO)_NTNV



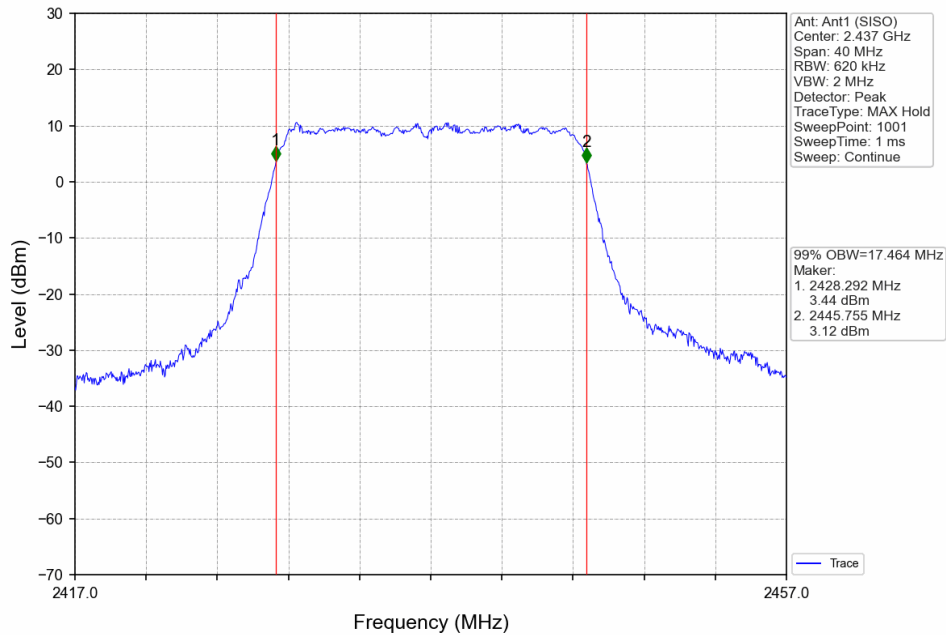
802.11g_HCH_2462MHz_Ant1 (SISO)_NTNV



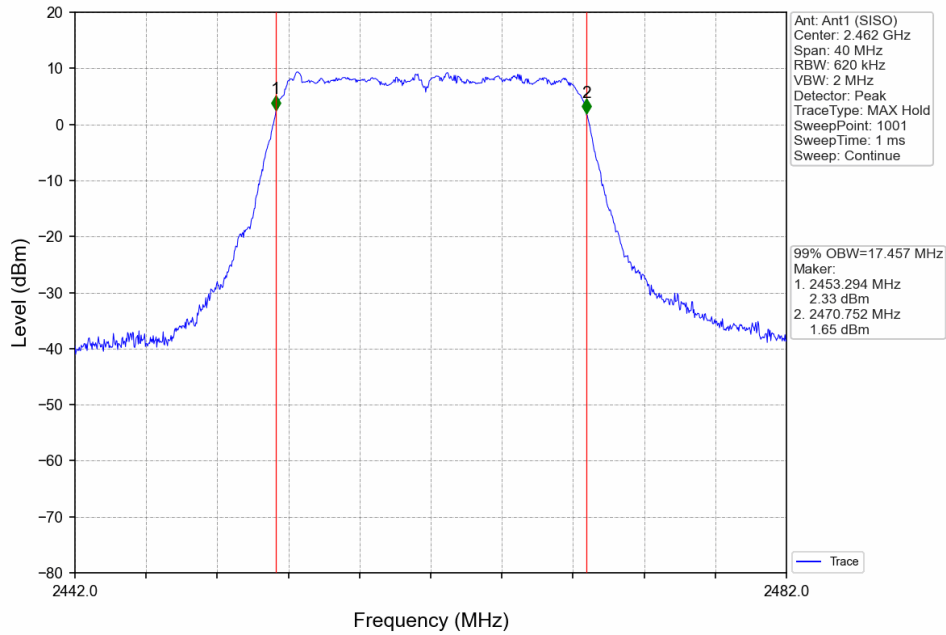
802.11n(HT20)_LCH_2412MHz_Ant1 (SISO)_NTNV



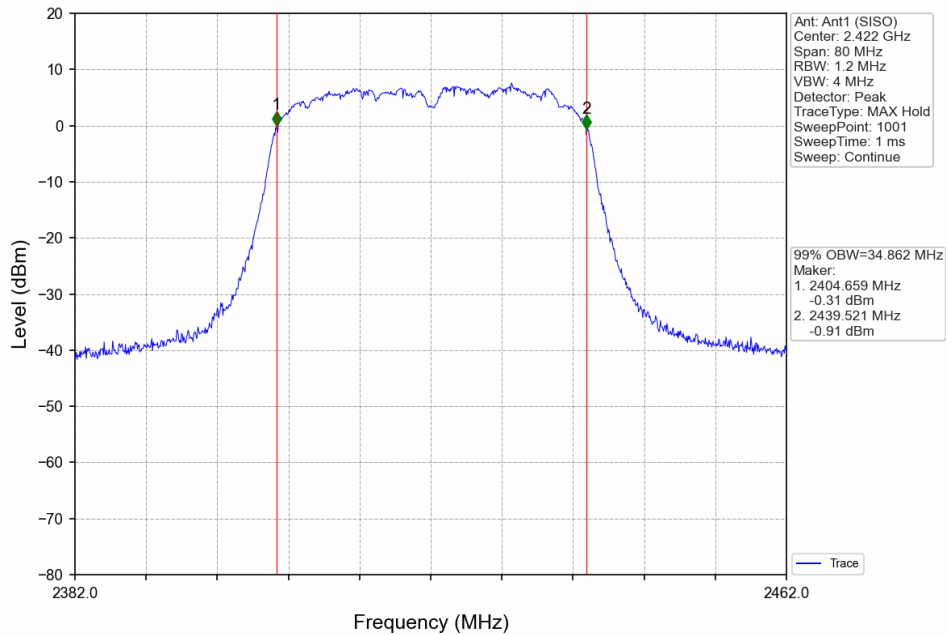
802.11n(HT20)_MCH_2437MHz_Ant1 (SISO)_NTNV



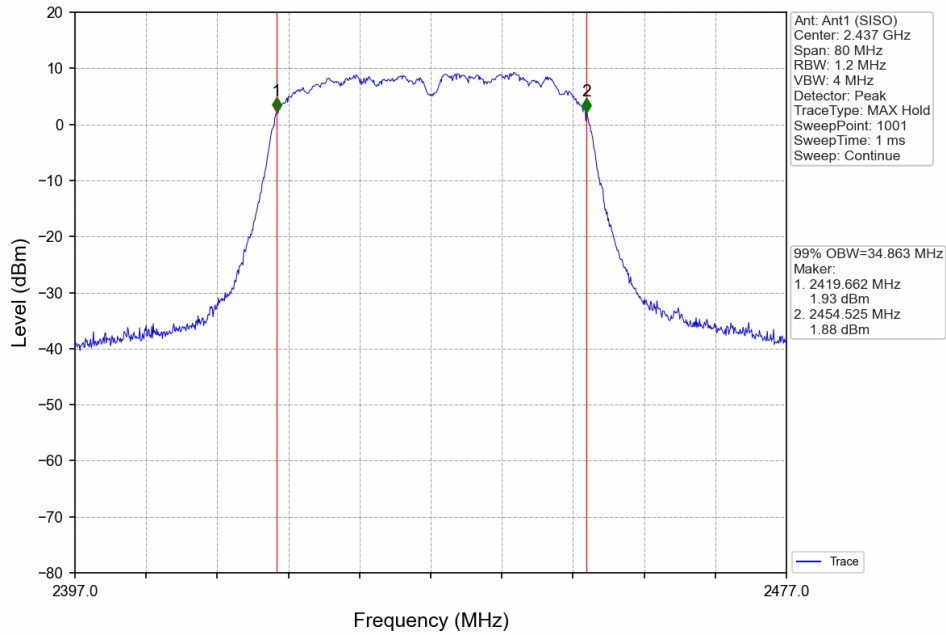
802.11n(HT20)_HCH_2462MHz_Ant1 (SISO)_NTNV



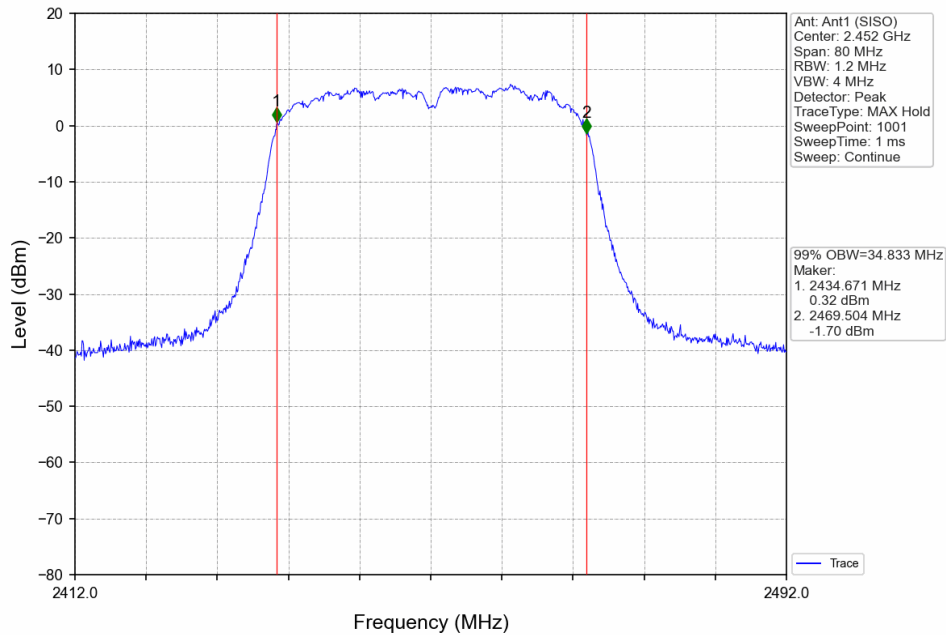
802.11n(HT40)_LCH_2422MHz_Ant1 (SISO)_NTNV



802.11n(HT40)_MCH_2437MHz_Ant1 (SISO)_NTNV



802.11n(HT40)_HCH_2452MHz_Ant1 (SISO)_NTNV



2.2 6dB BW

2.2.1 Test Result

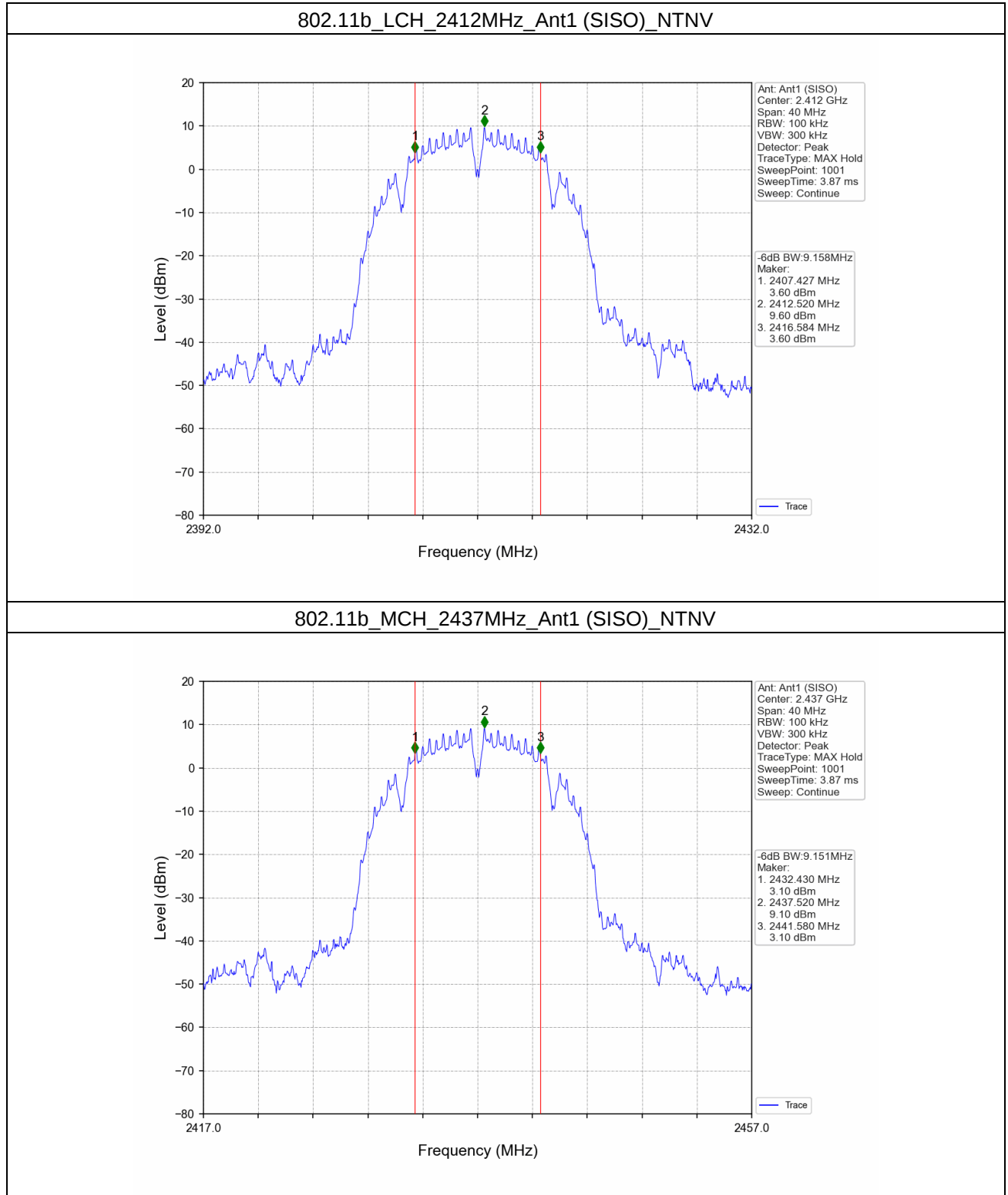
Mode	TX Type	Frequency (MHz)	Ant	6dB Bandwidth (MHz)		Verdict
				Result	Limit	
802.11b	SISO	2412	1	9.158	≥ 0.5	Pass
		2437	1	9.151	≥ 0.5	Pass
		2462	1	9.160	≥ 0.5	Pass
802.11g	SISO	2412	1	16.449	≥ 0.5	Pass
		2437	1	16.446	≥ 0.5	Pass
		2462	1	16.451	≥ 0.5	Pass
802.11n (HT20)	SISO	2412	1	17.344	≥ 0.5	Pass
		2437	1	17.354	≥ 0.5	Pass
		2462	1	17.343	≥ 0.5	Pass
802.11n (HT40)	SISO	2422	1	33.334	≥ 0.5	Pass
		2437	1	33.331	≥ 0.5	Pass
		2452	1	33.309	≥ 0.5	Pass



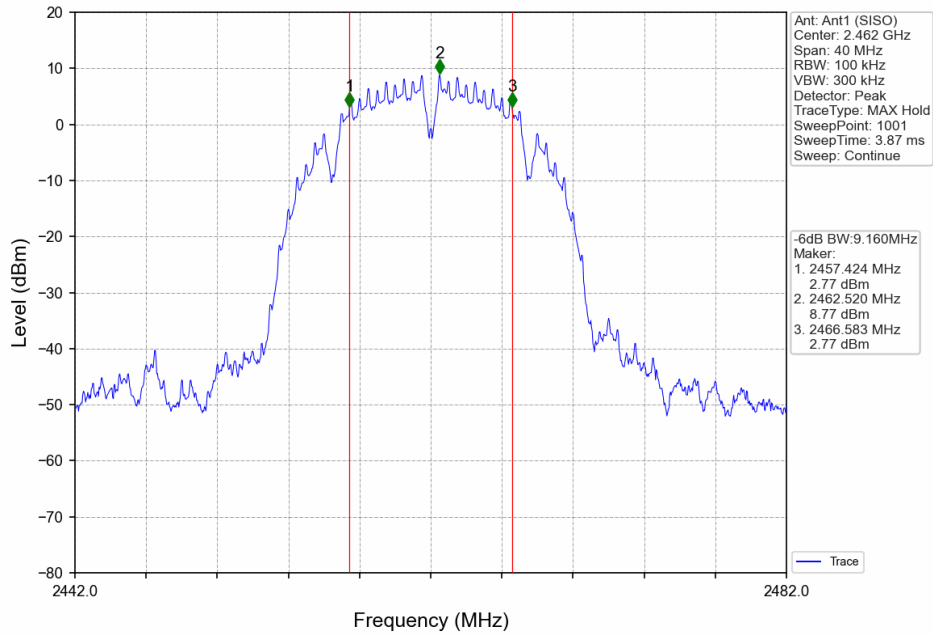
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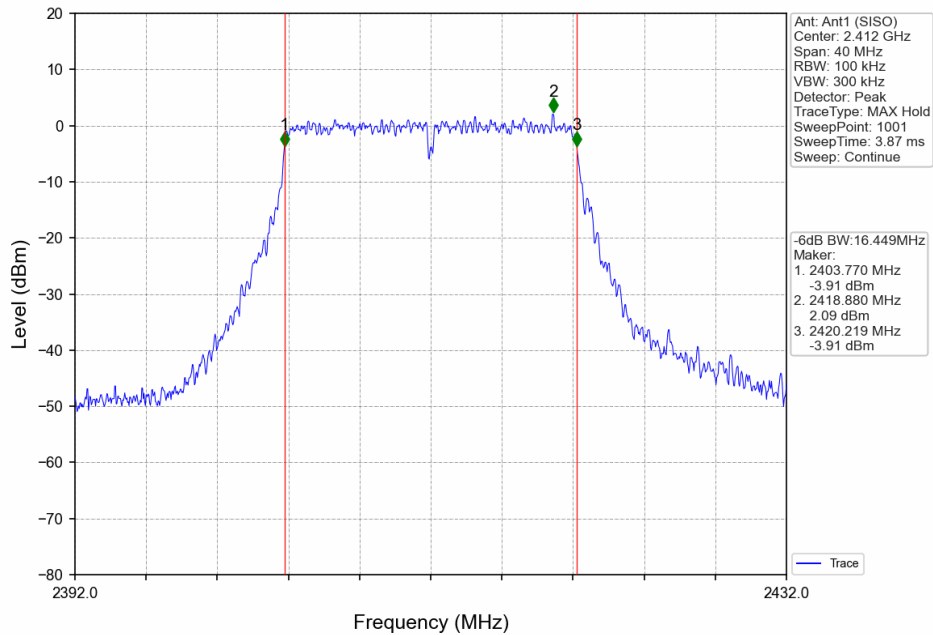
2.2.2 Test Graph



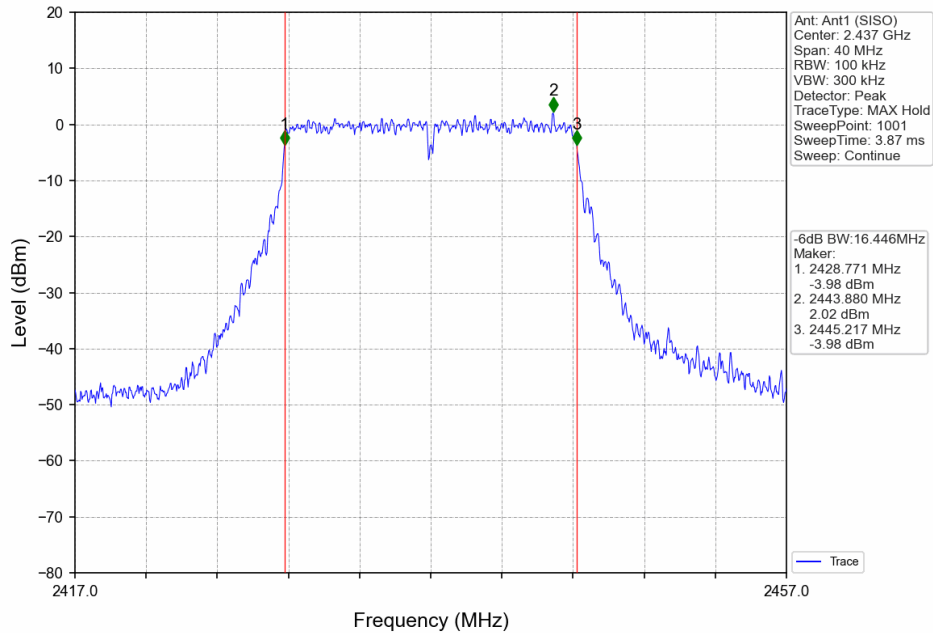
802.11b_HCH_2462MHz_Ant1 (SISO)_NTNV



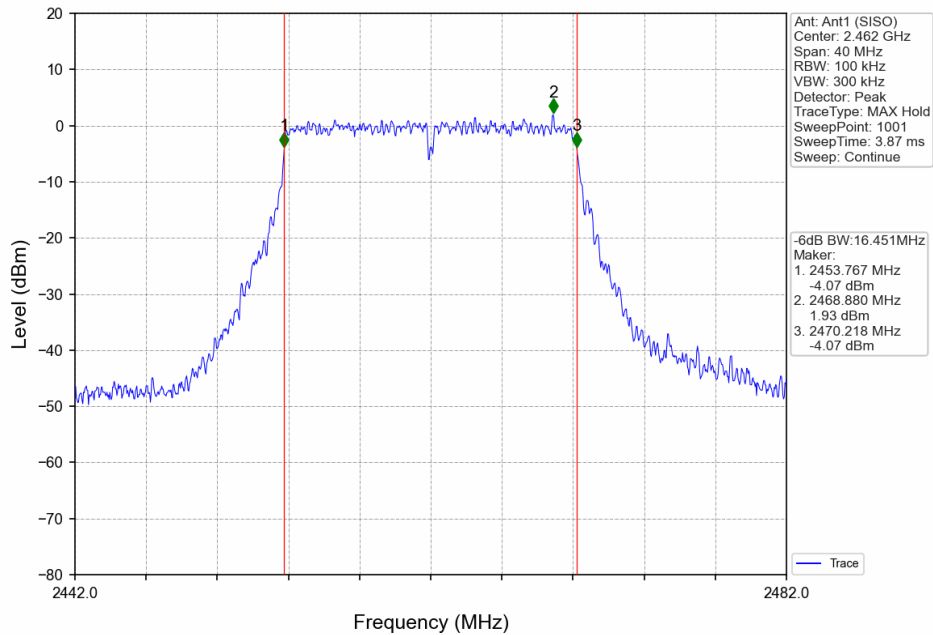
802.11g_LCH_2412MHz_Ant1 (SISO)_NTNV



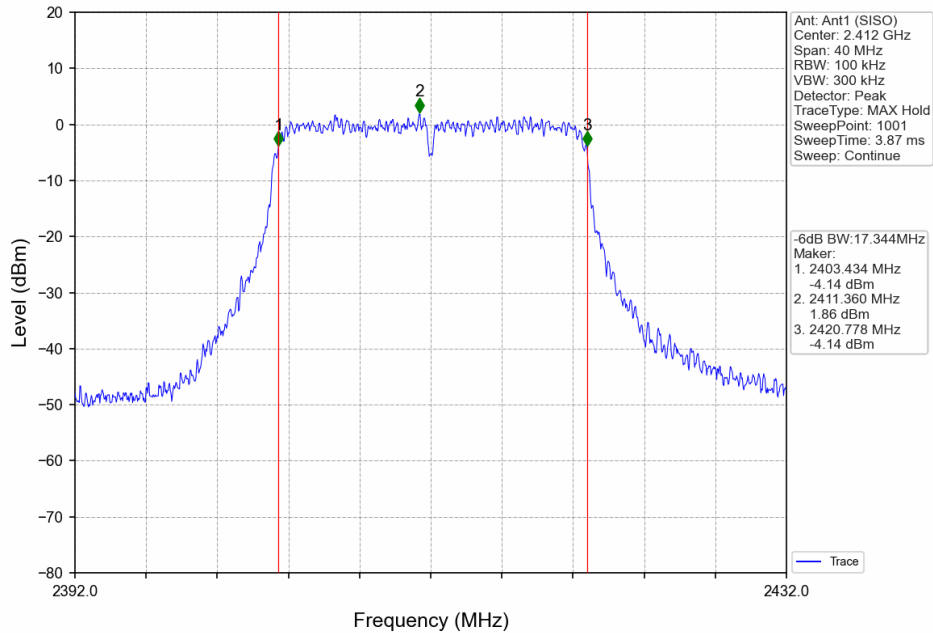
802.11g_MCH_2437MHz_Ant1 (SISO)_NTNV



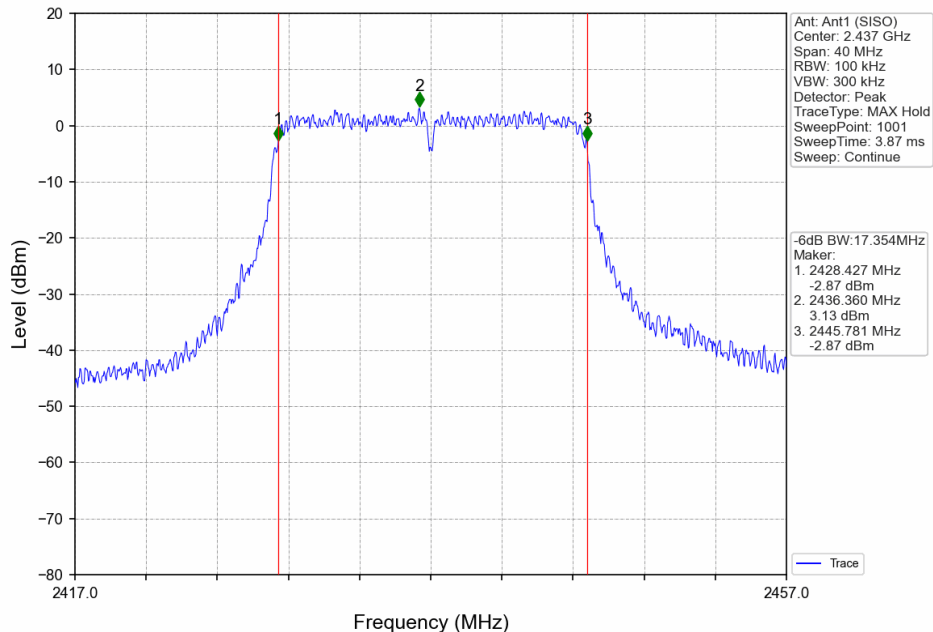
802.11g_HCH_2462MHz_Ant1 (SISO)_NTNV



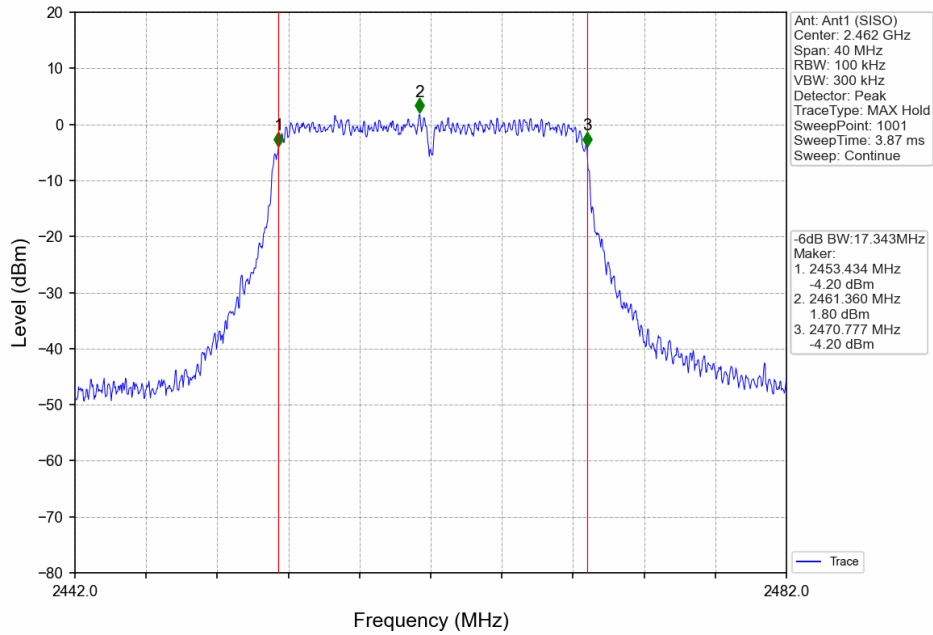
802.11n(HT20)_LCH_2412MHz_Ant1 (SISO)_NTNV



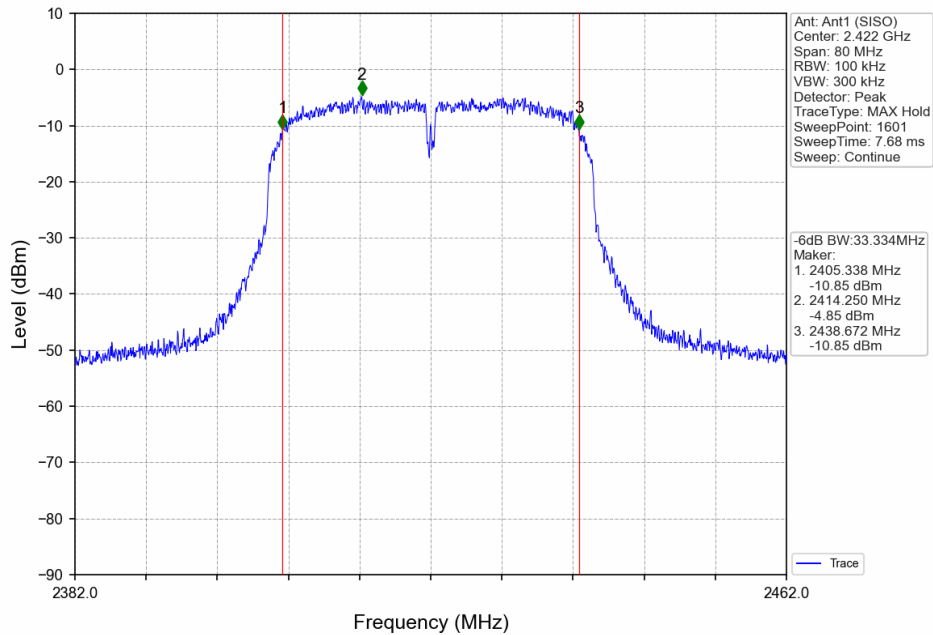
802.11n(HT20)_MCH_2437MHz_Ant1 (SISO)_NTNV



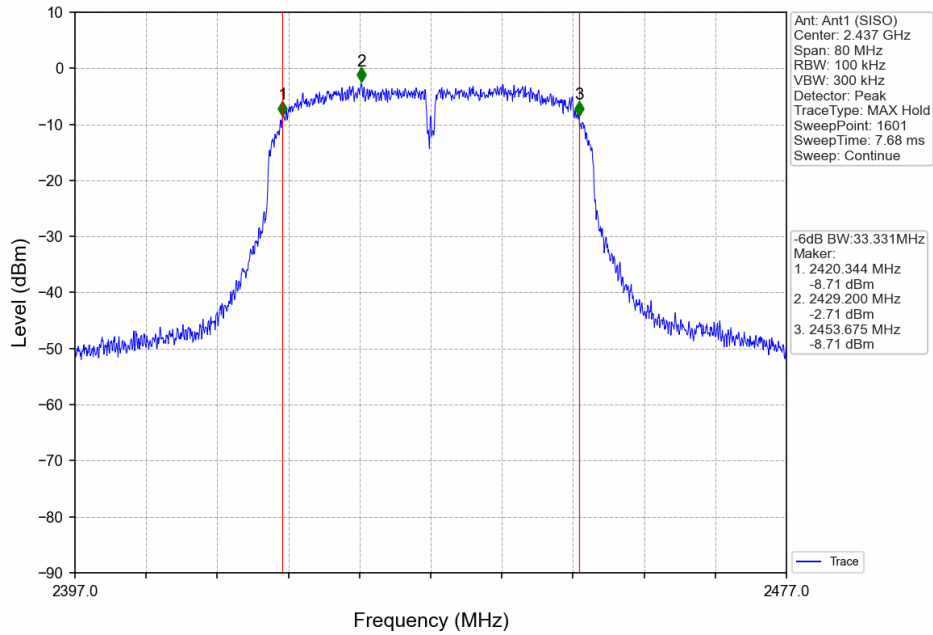
802.11n(HT20)_HCH_2462MHz_Ant1 (SISO)_NTNV



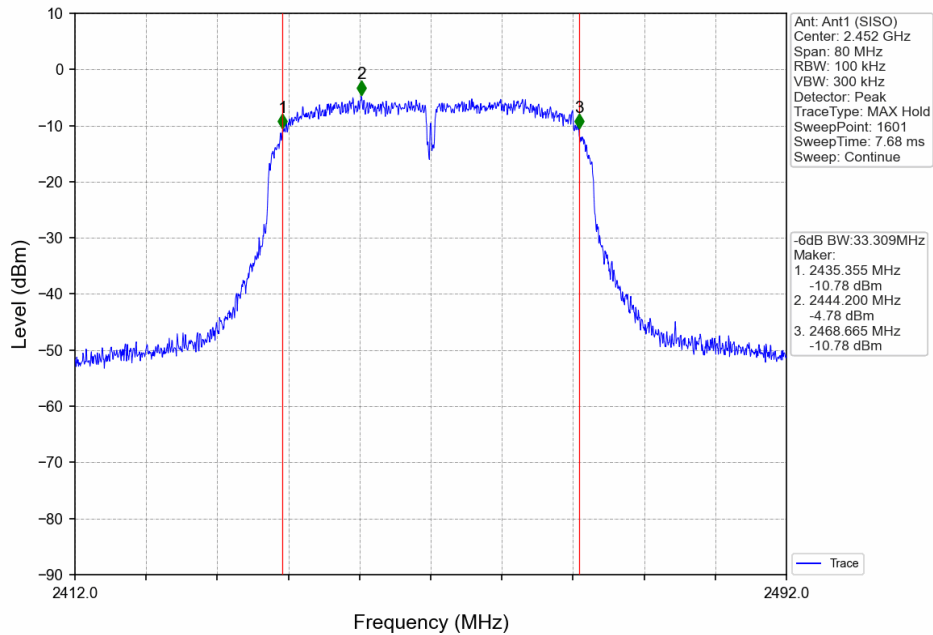
802.11n(HT40)_LCH_2422MHz_Ant1 (SISO)_NTNV



802.11n(HT40)_MCH_2437MHz_Ant1 (SISO)_NTNV



802.11n(HT40)_HCH_2452MHz_Ant1 (SISO)_NTNV



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3. Maximum Conducted Output Power

3.1 Power

3.1.1 Test Result

Mode	TX Type	Frequency (MHz)	Maximum Peak Conducted Output Power (dBm)		Verdict
			Ant1	Limit	
802.11b	SISO	2412	17.91	≤ 30	Pass
		2437	17.70	≤ 30	Pass
		2462	17.48	≤ 30	Pass
802.11g	SISO	2412	22.40	≤ 30	Pass
		2437	23.63	≤ 30	Pass
		2462	22.31	≤ 30	Pass
802.11n (HT20)	SISO	2412	22.42	≤ 30	Pass
		2437	23.53	≤ 30	Pass
		2462	22.28	≤ 30	Pass
802.11n (HT40)	SISO	2422	19.02	≤ 30	Pass
		2437	21.11	≤ 30	Pass
		2452	18.96	≤ 30	Pass

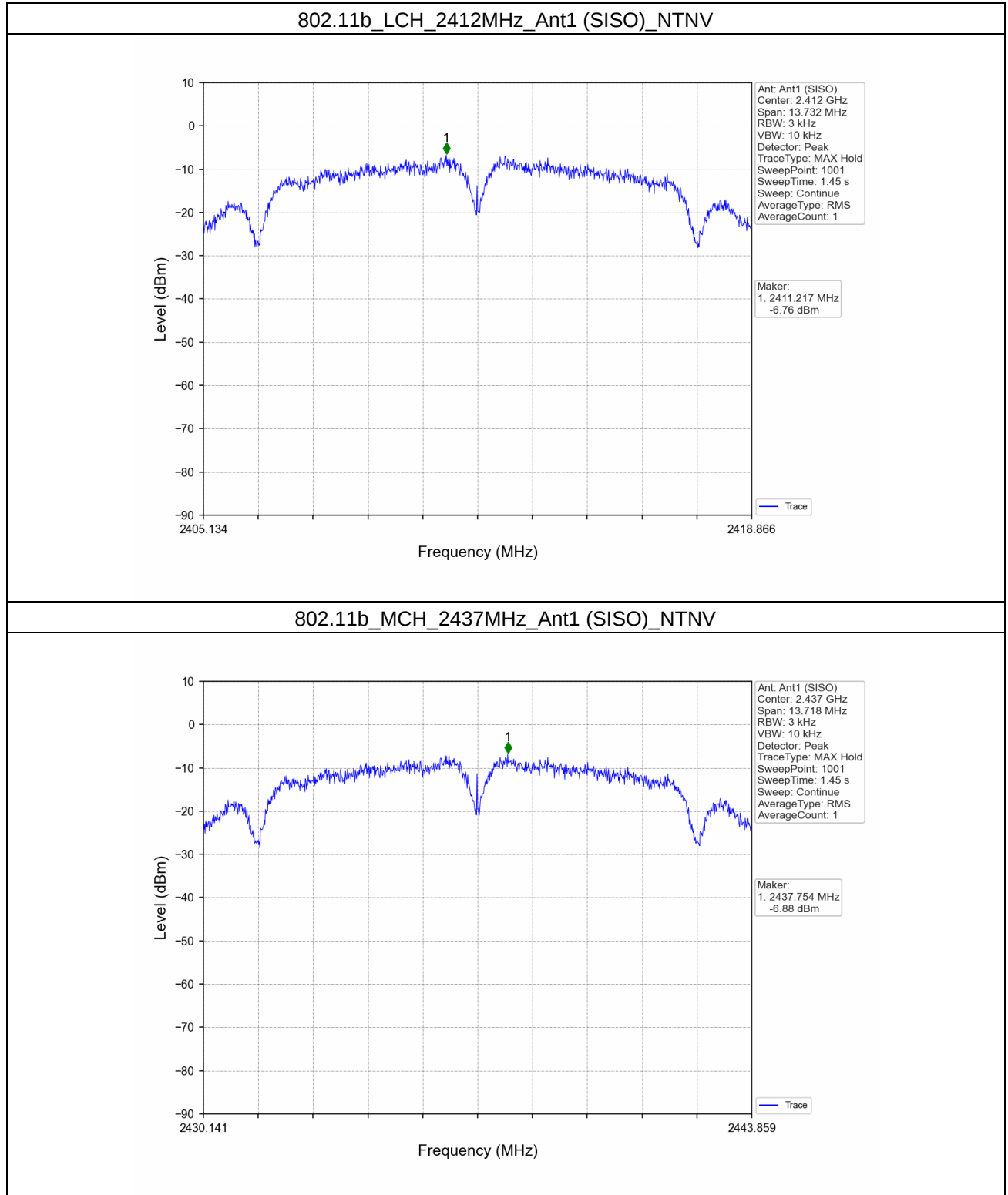
4. Maximum Power Spectral Density

4.1 PSD

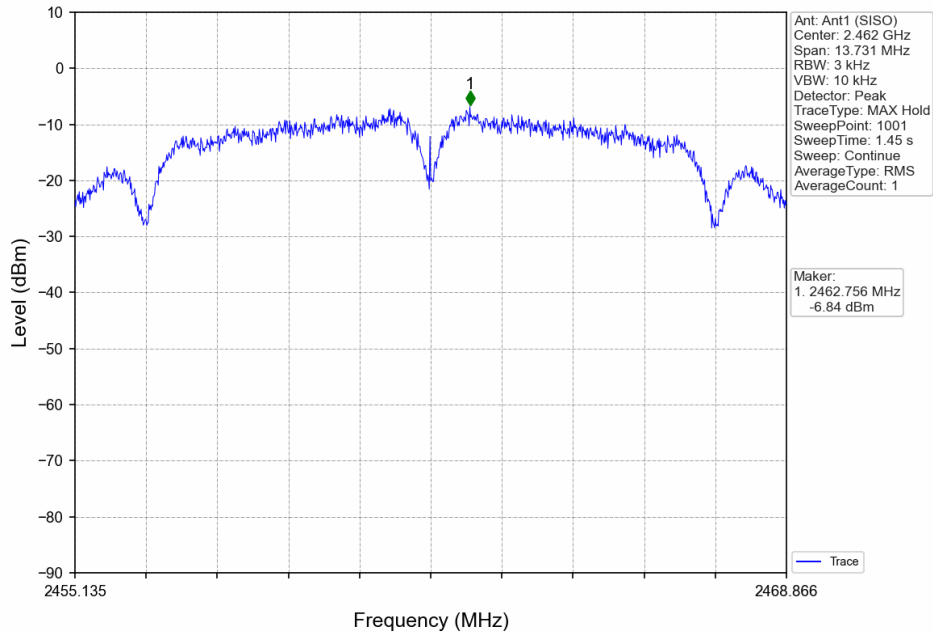
4.1.1 Test Result

Mode	TX Type	Frequency (MHz)	Maximum PSD (dBm/3kHz)		Verdict
			Ant1	Limit	
802.11b	SISO	2412	-6.76	≤ 8	Pass
		2437	-6.88	≤ 8	Pass
		2462	-6.84	≤ 8	Pass
802.11g	SISO	2412	-13.17	≤ 8	Pass
		2437	-12.16	≤ 8	Pass
		2462	-12.86	≤ 8	Pass
802.11n (HT20)	SISO	2412	-12.99	≤ 8	Pass
		2437	-11.93	≤ 8	Pass
		2462	-13.11	≤ 8	Pass
802.11n (HT40)	SISO	2422	-14.73	≤ 8	Pass
		2437	-15.05	≤ 8	Pass
		2452	-15.15	≤ 8	Pass

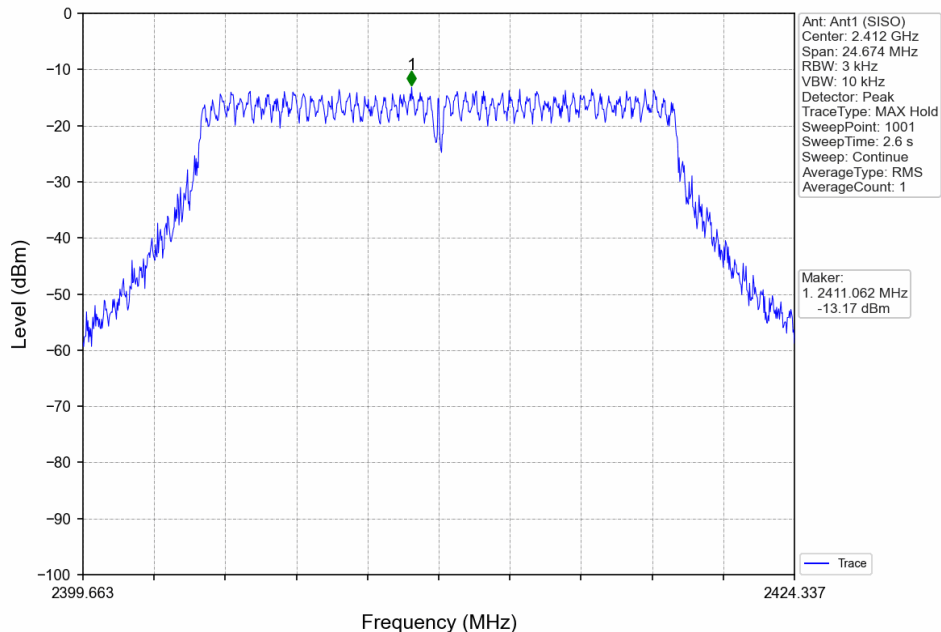
4.1.2 Test Graph



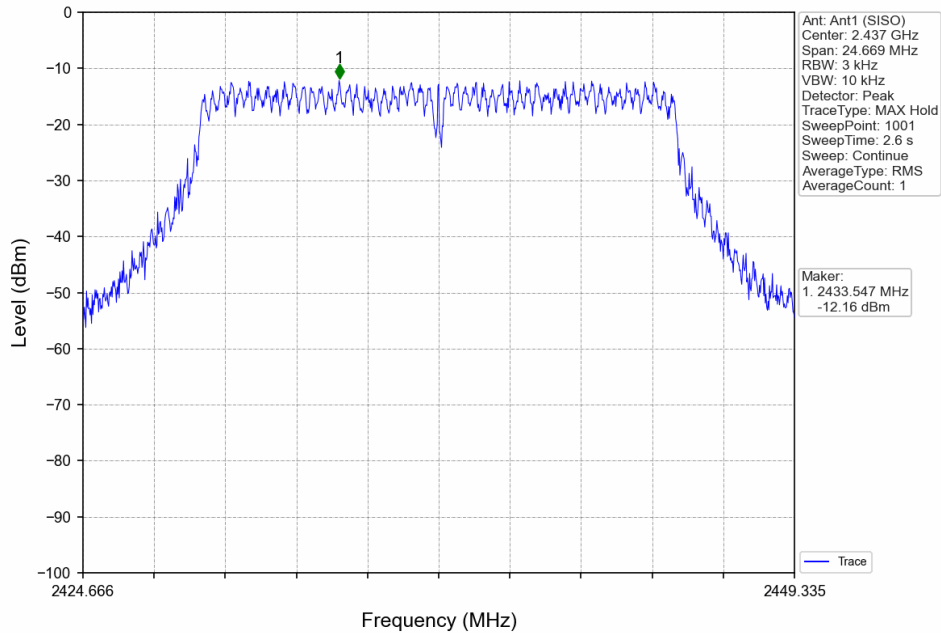
802.11b_HCH_2462MHz_Ant1 (SISO)_NTNV



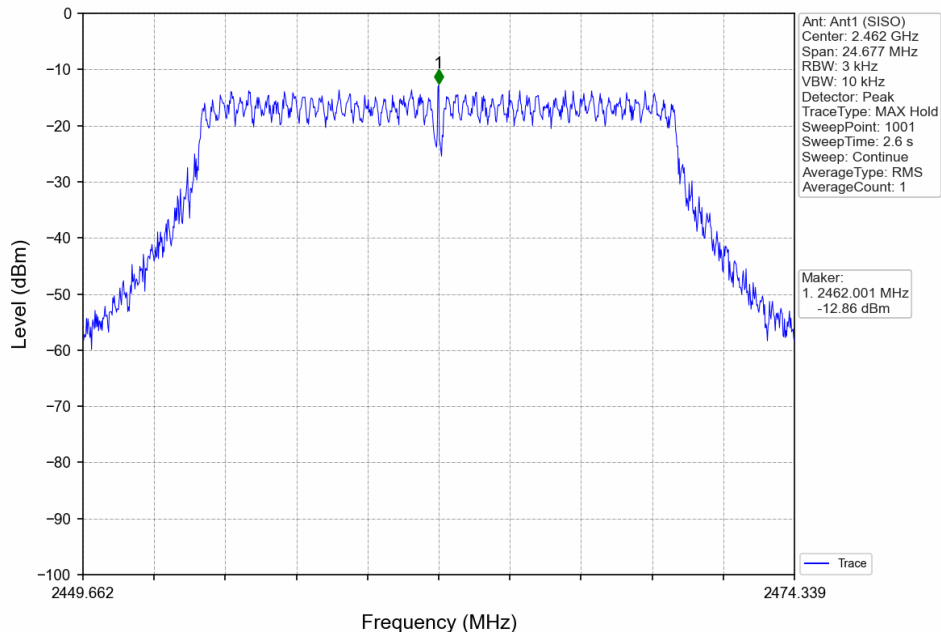
802.11g_LCH_2412MHz_Ant1 (SISO)_NTNV



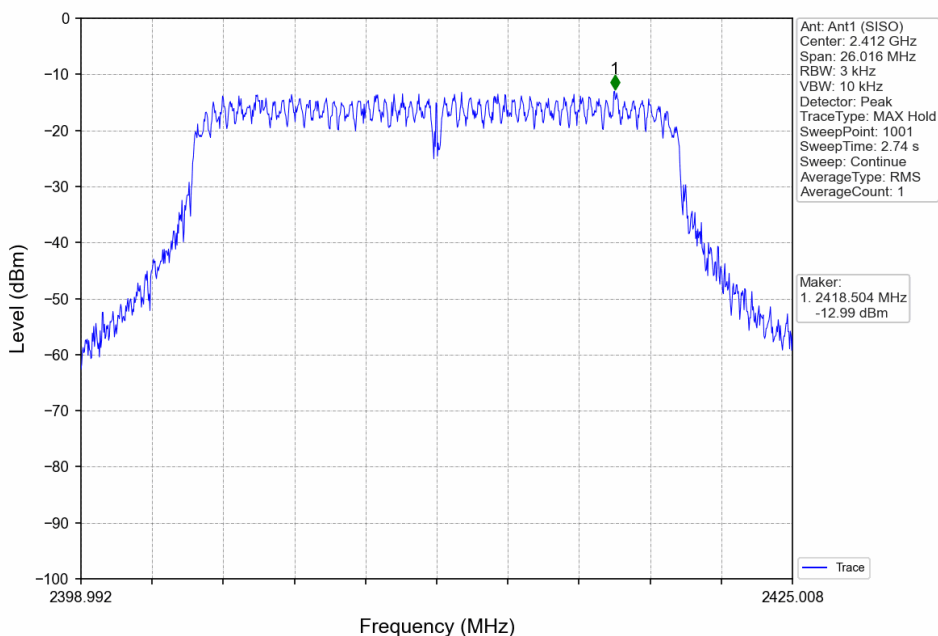
802.11g_MCH_2437MHz_Ant1 (SISO)_NTNV



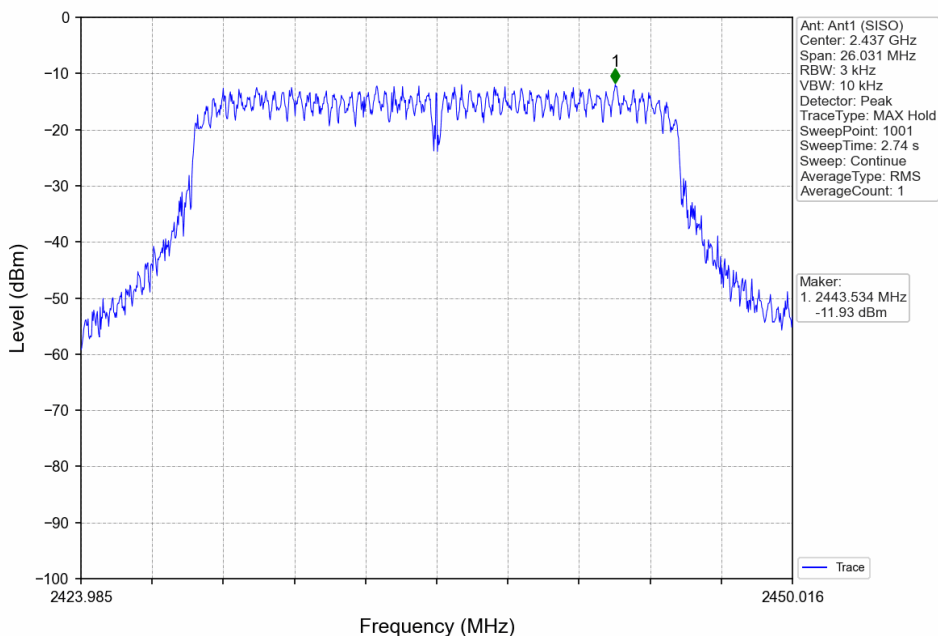
802.11g_HCH_2462MHz_Ant1 (SISO)_NTNV



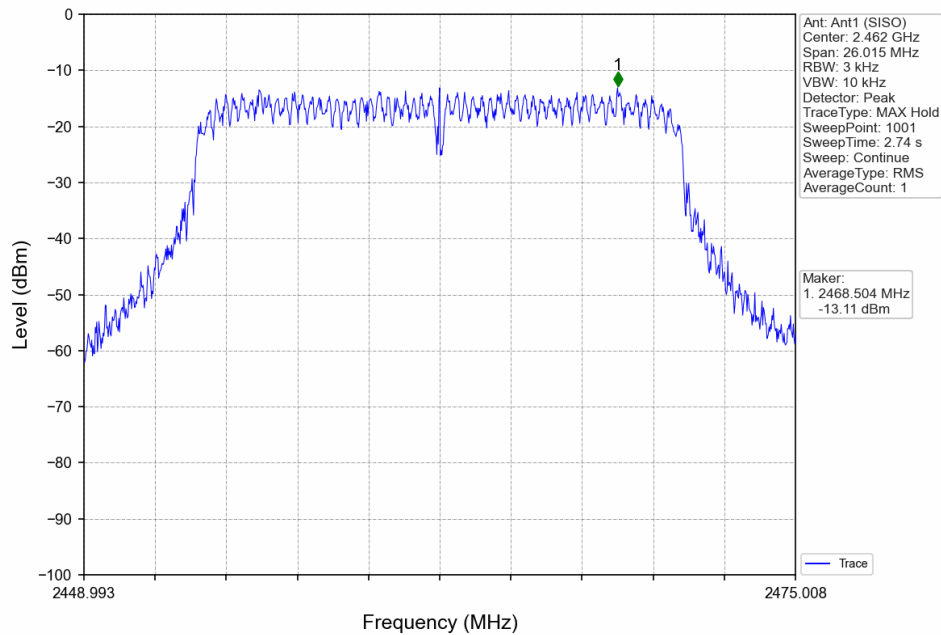
802.11n(HT20)_LCH_2412MHz_Ant1 (SISO)_NTNV



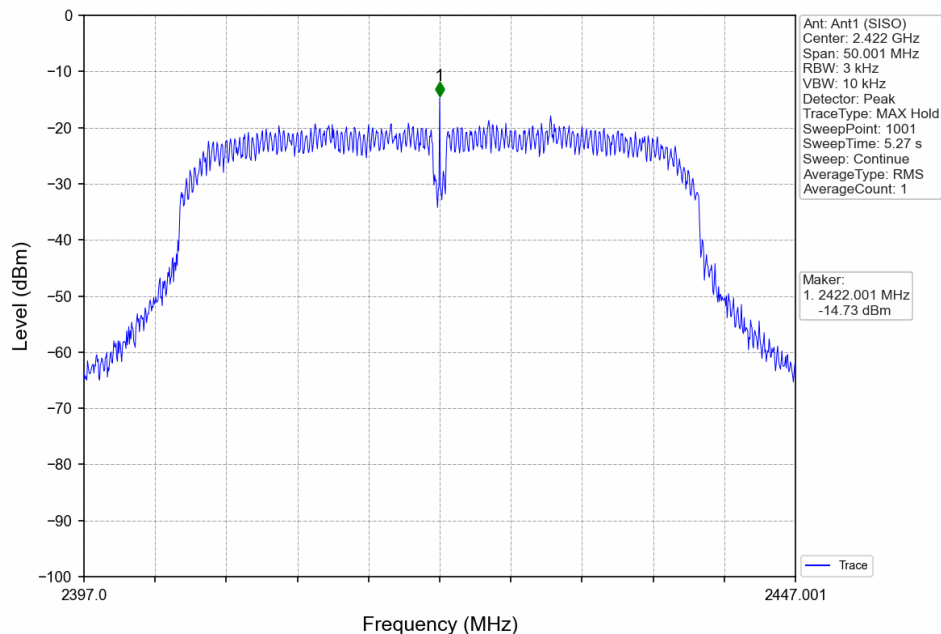
802.11n(HT20)_MCH_2437MHz_Ant1 (SISO)_NTNV



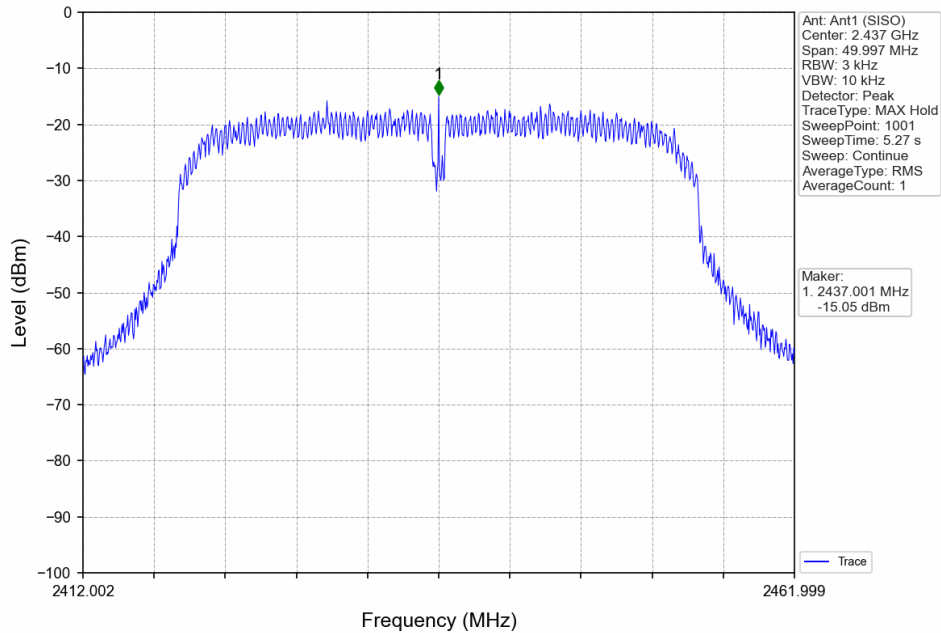
802.11n(HT20)_HCH_2462MHz_Ant1 (SISO)_NTNV



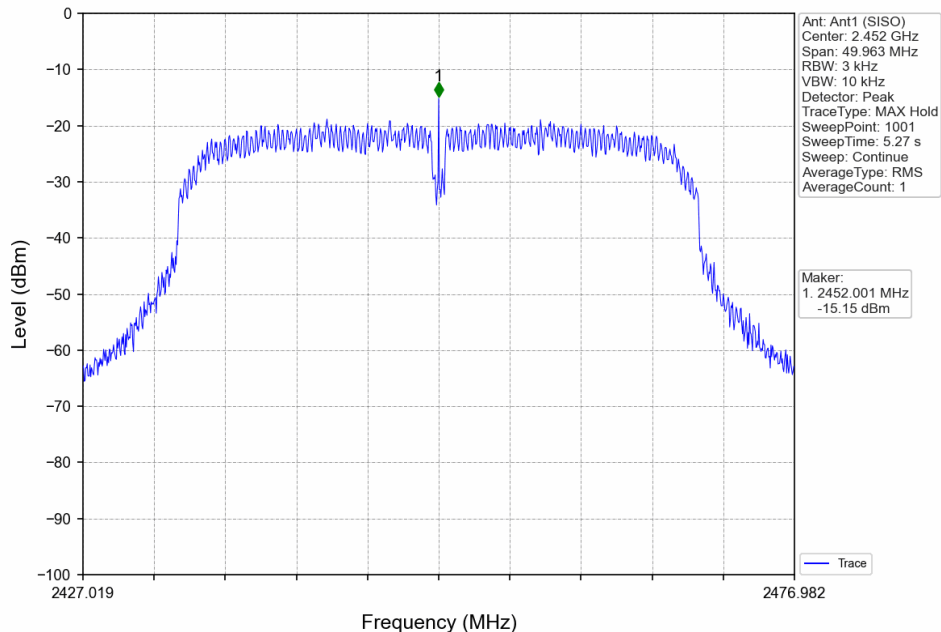
802.11n(HT40)_LCH_2422MHz_Ant1 (SISO)_NTNV



802.11n(HT40)_MCH_2437MHz_Ant1 (SISO)_NTNV



802.11n(HT40)_HCH_2452MHz_Ant1 (SISO)_NTNV



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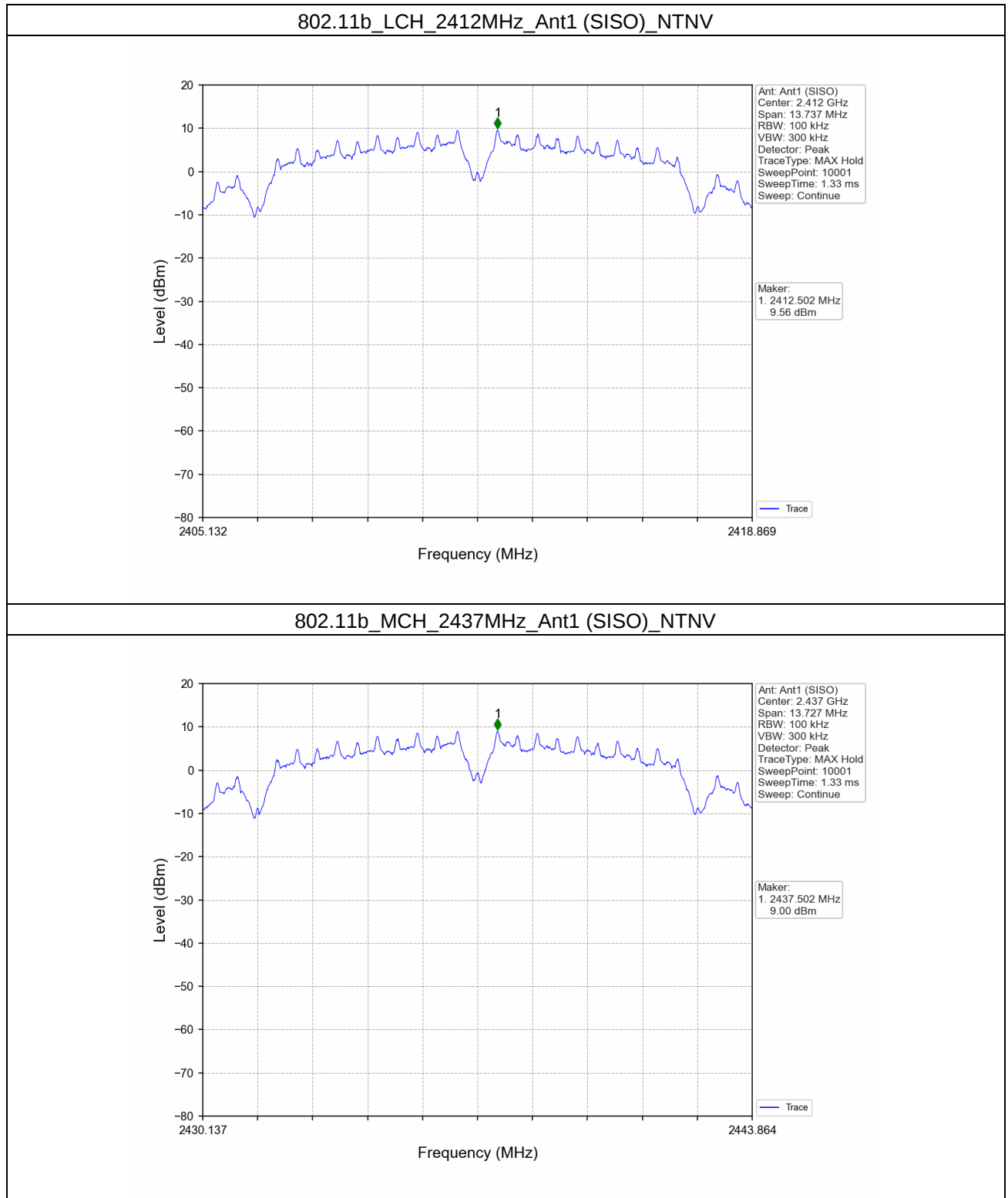
5. Unwanted Emissions In Non-restricted Frequency Bands

5.1 Ref

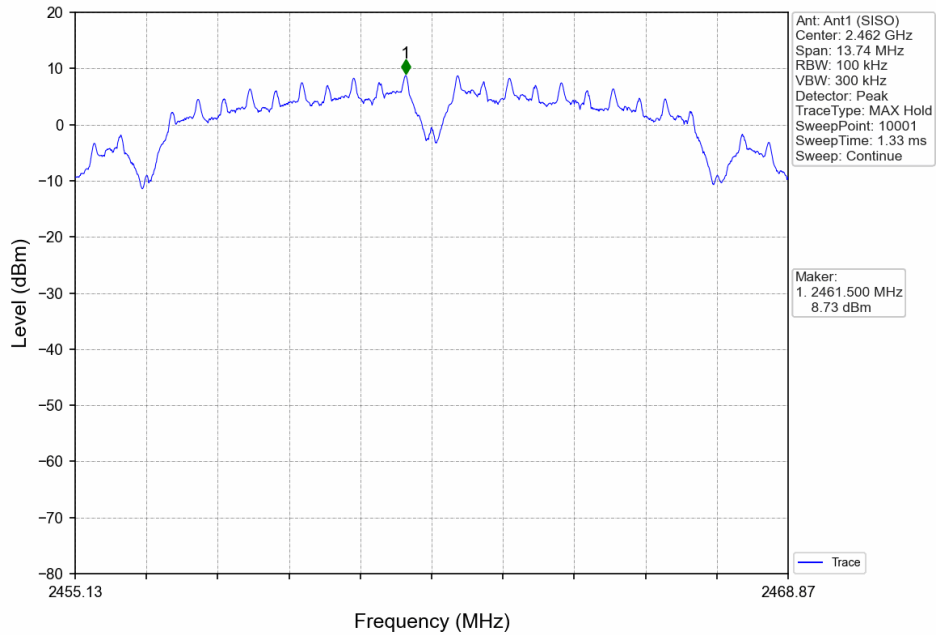
5.1.1 Test Result

Mode	TX Type	Frequency (MHz)	Ant	Level of Reference (dBm)
802.11b	SISO	2412	1	9.56
		2437	1	9.00
		2462	1	8.73
802.11g	SISO	2412	1	2.04
		2437	1	3.21
		2462	1	1.80
802.11n (HT20)	SISO	2412	1	1.67
		2437	1	2.96
		2462	1	1.76
802.11n (HT40)	SISO	2422	1	-4.99
		2437	1	-3.12
		2452	1	-5.27

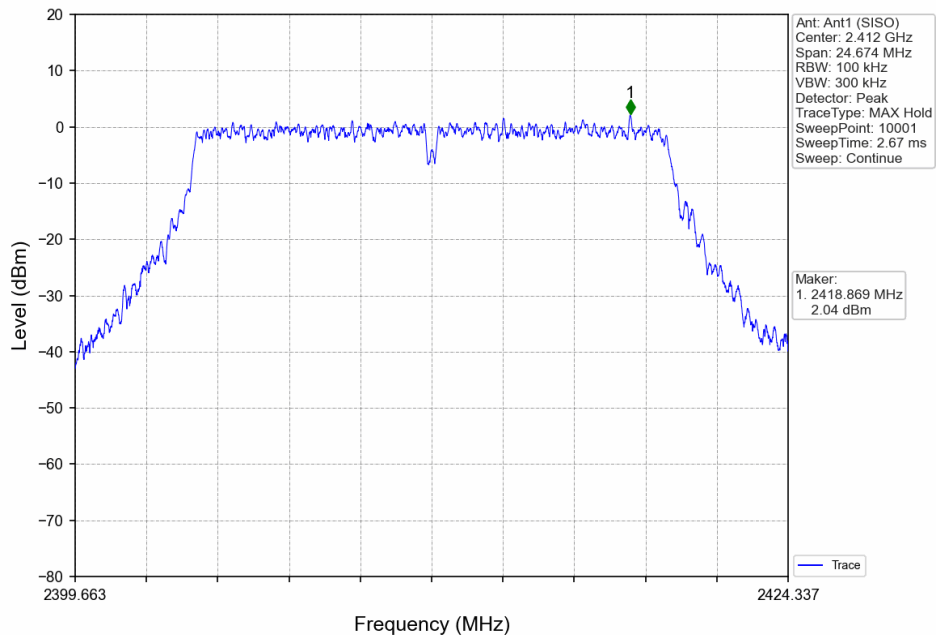
5.1.2 Test Graph



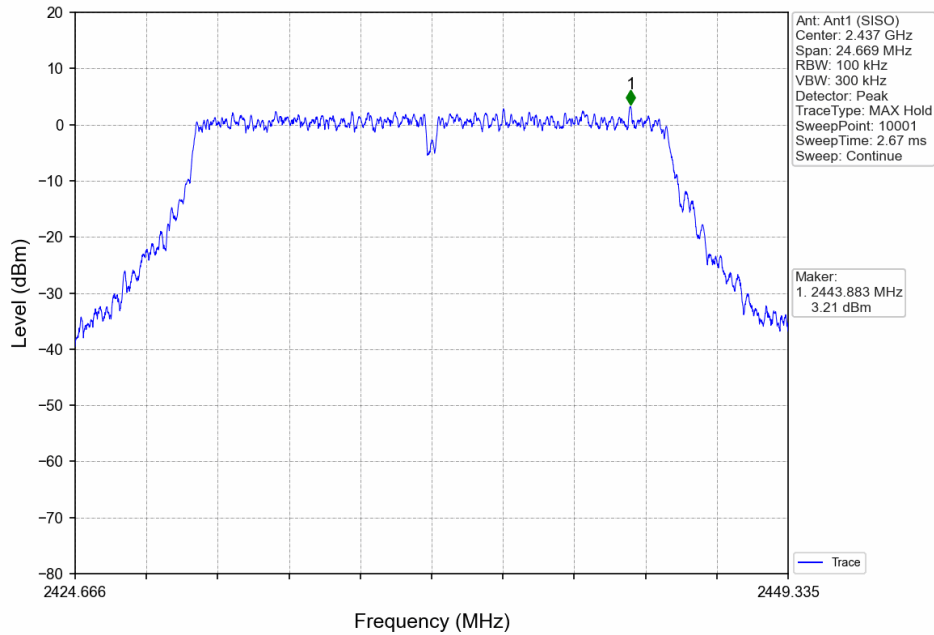
802.11b_HCH_2462MHz_Ant1 (SISO)_NTNV



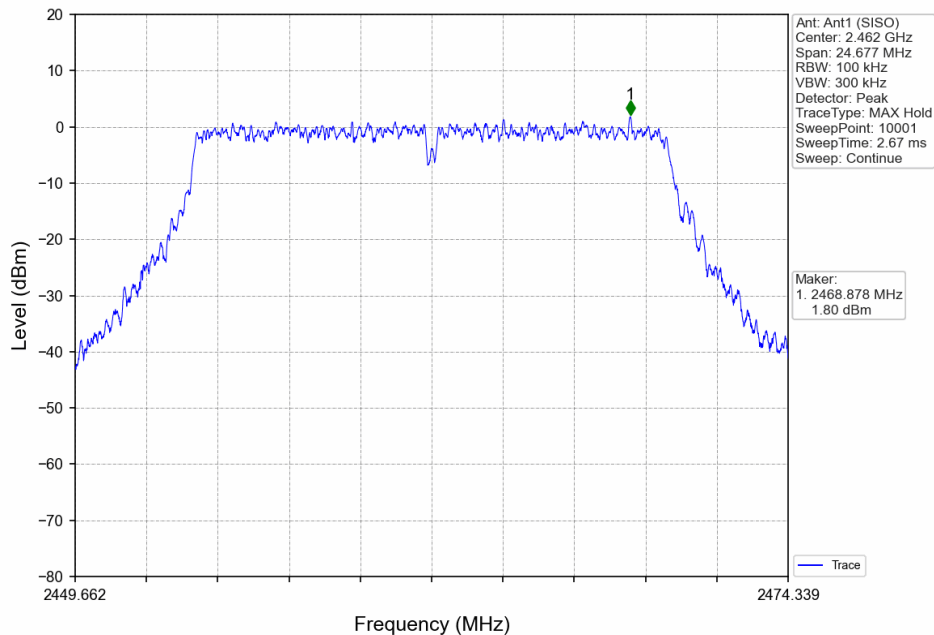
802.11g_LCH_2412MHz_Ant1 (SISO)_NTNV



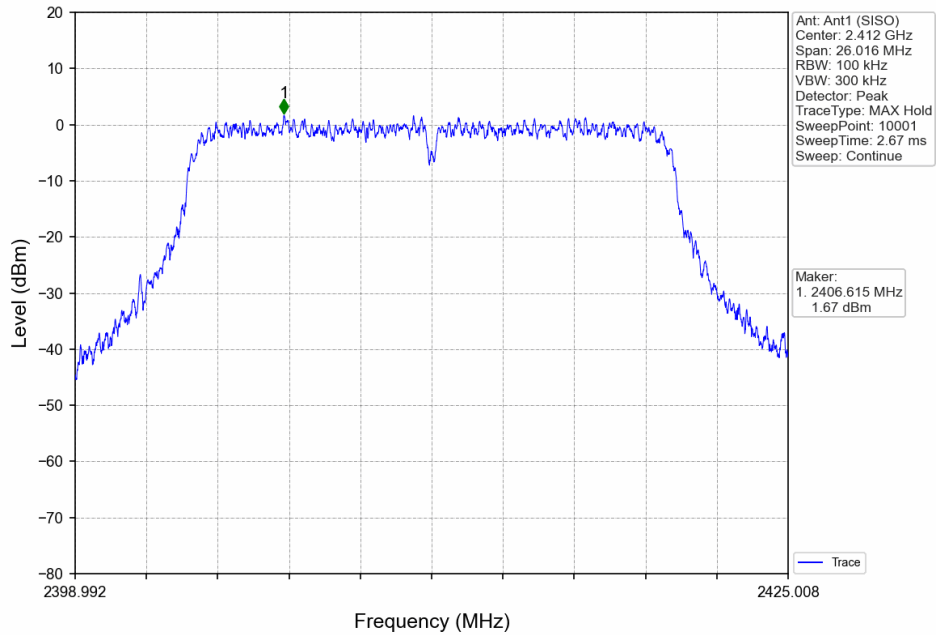
802.11g_MCH_2437MHz_Ant1 (SISO)_NTNV



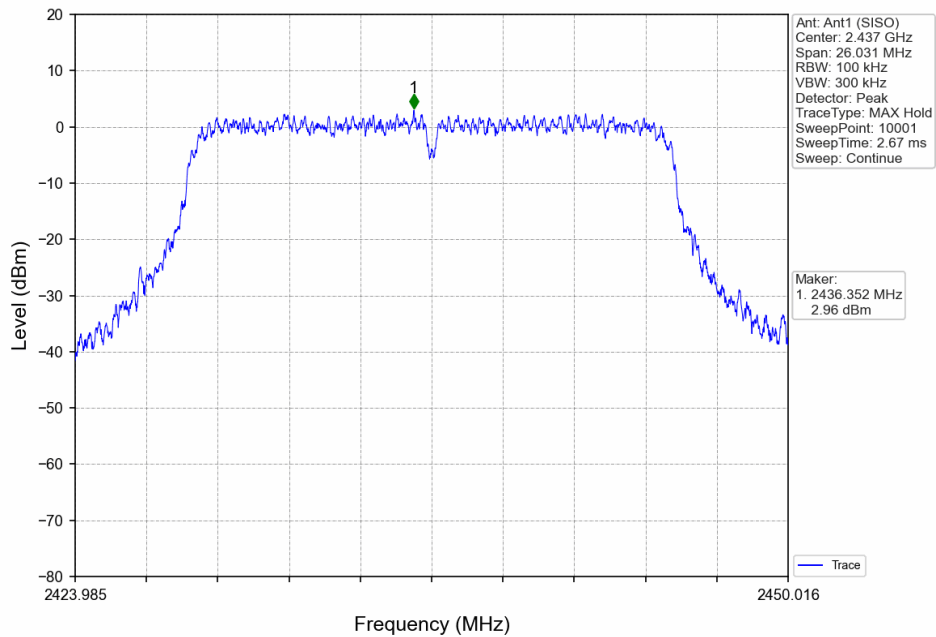
802.11g_HCH_2462MHz_Ant1 (SISO)_NTNV



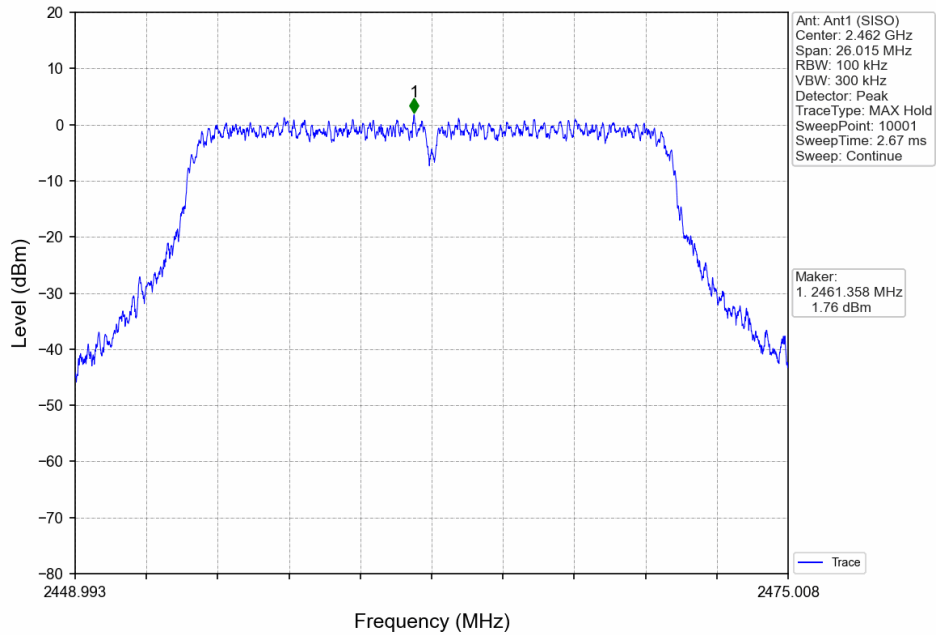
802.11n(HT20)_LCH_2412MHz_Ant1 (SISO)_NTNV



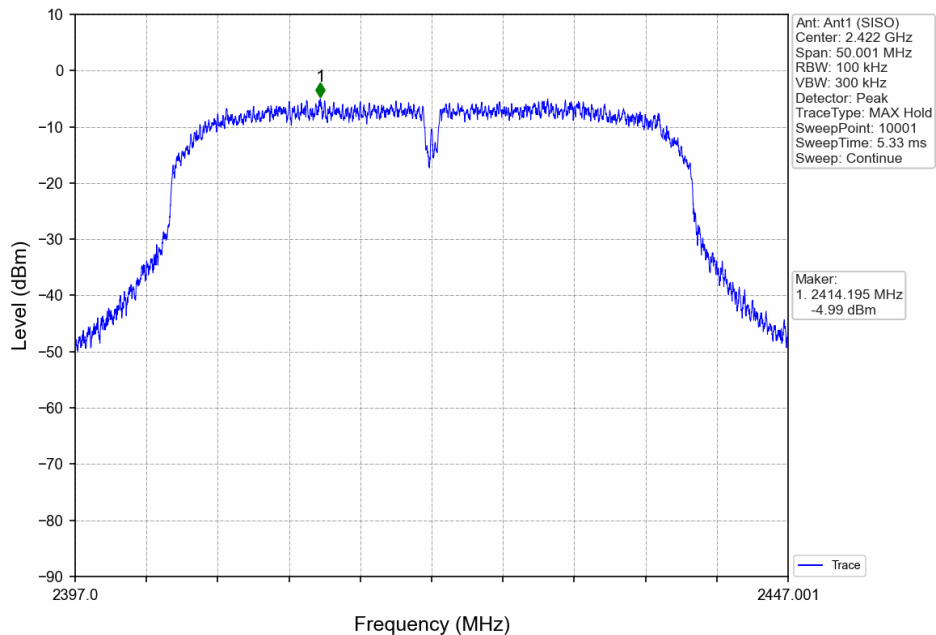
802.11n(HT20)_MCH_2437MHz_Ant1 (SISO)_NTNV



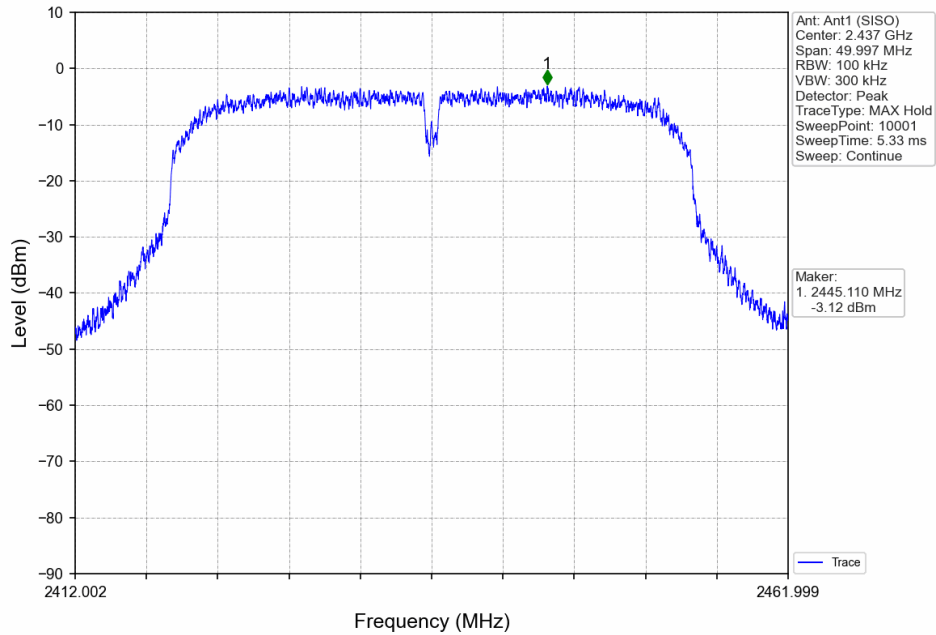
802.11n(HT20)_HCH_2462MHz_Ant1 (SISO)_NTNV



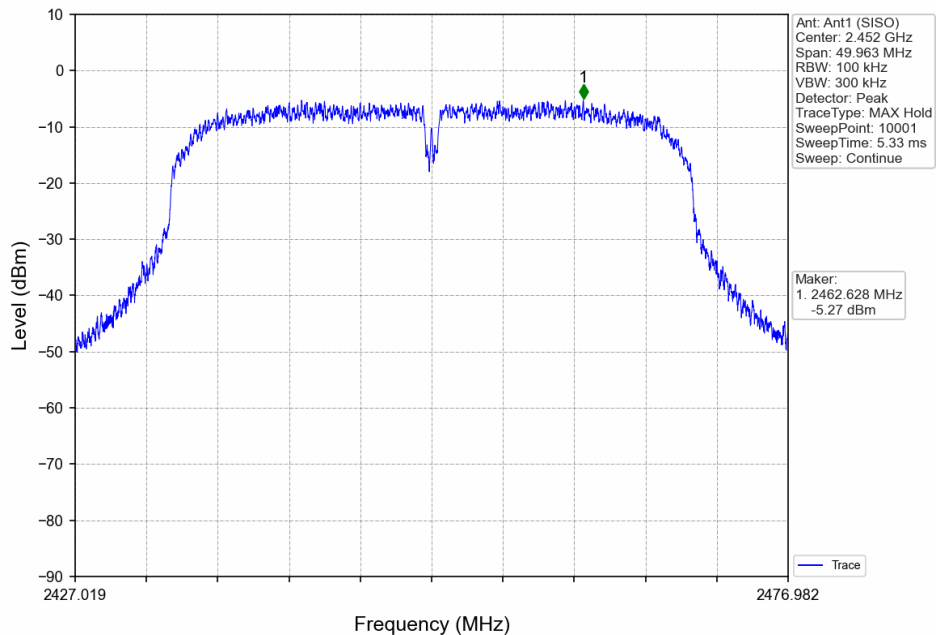
802.11n(HT40)_LCH_2422MHz_Ant1 (SISO)_NTNV



802.11n(HT40)_MCH_2437MHz_Ant1 (SISO)_NTNV



802.11n(HT40)_HCH_2452MHz_Ant1 (SISO)_NTNV



5.2 CSE

5.2.1 Test Result

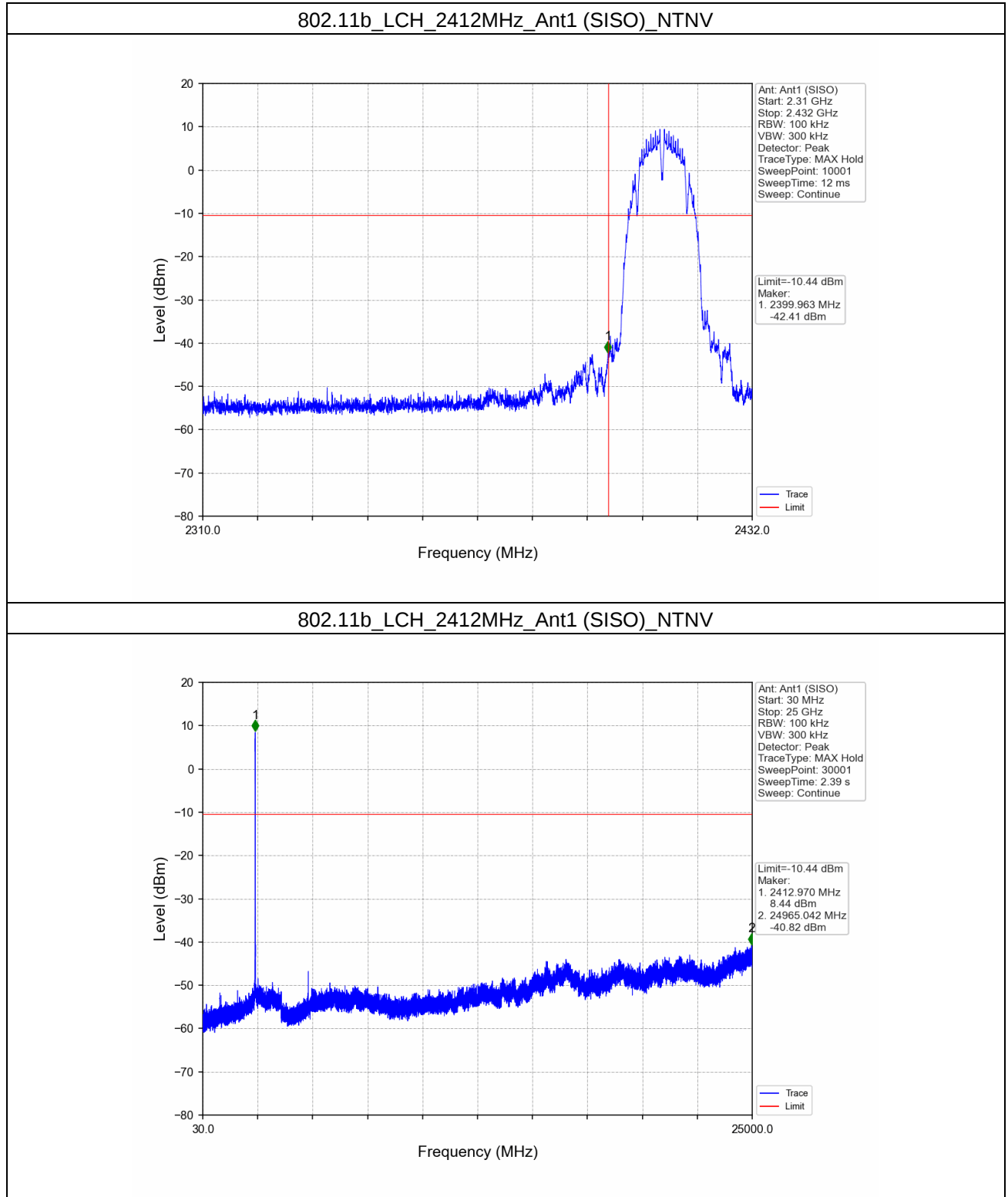
Mode	TX Type	Frequency (MHz)	Ant	Level of Reference (dBm)	Limit (dBm)	Verdict
802.11b	SISO	2412	1	9.56	-10.44	Pass
		2437	1	9.56	-10.44	Pass
		2462	1	9.56	-10.44	Pass
802.11g	SISO	2412	1	3.21	-16.79	Pass
		2437	1	3.21	-16.79	Pass
		2462	1	3.21	-16.79	Pass
802.11n (HT20)	SISO	2412	1	2.96	-17.04	Pass
		2437	1	2.96	-17.04	Pass
		2462	1	2.96	-17.04	Pass
802.11n (HT40)	SISO	2422	1	-3.12	-23.12	Pass
		2437	1	-3.12	-23.12	Pass
		2452	1	-3.12	-23.12	Pass



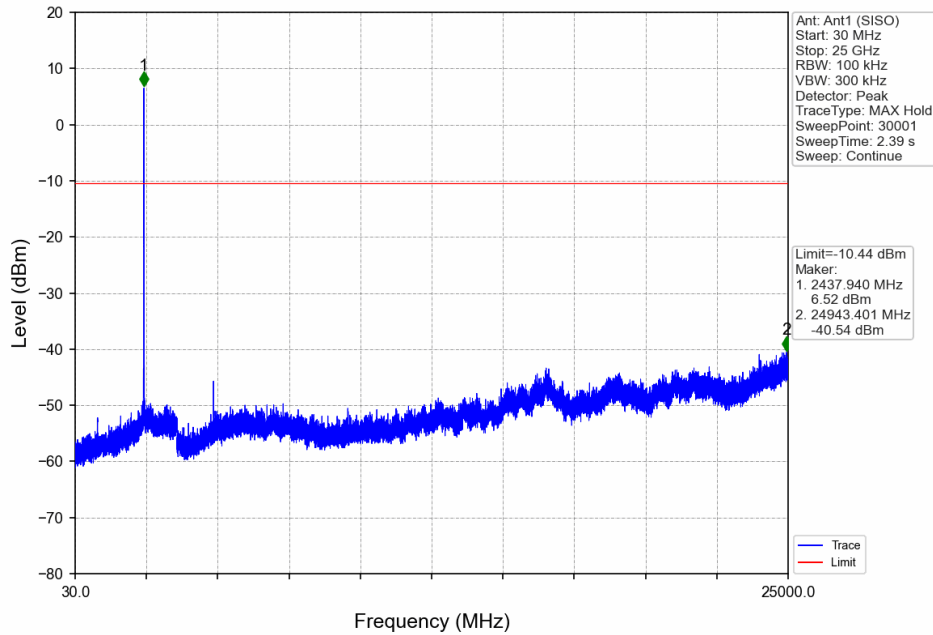
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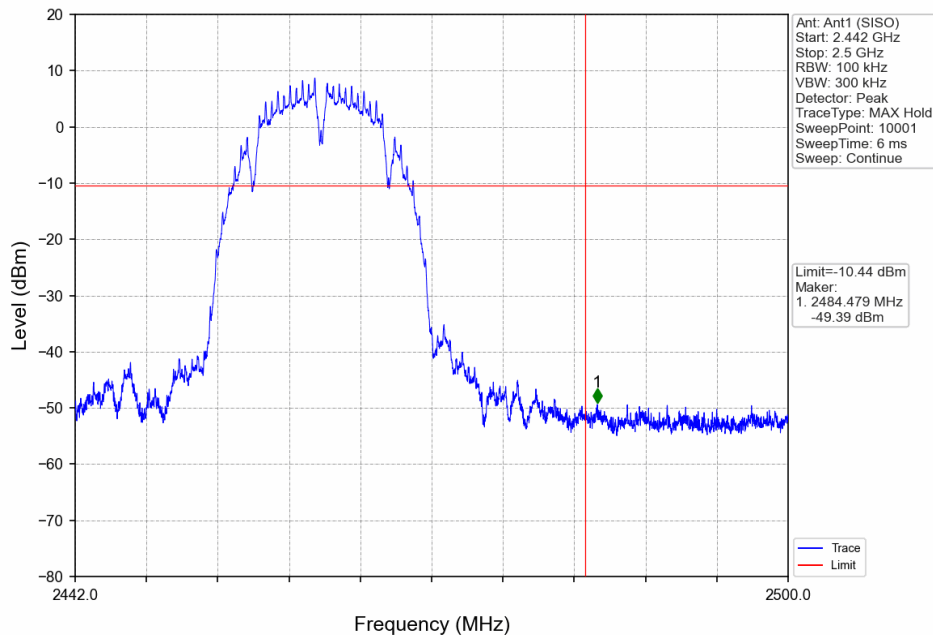
5.2.2 Test Graph



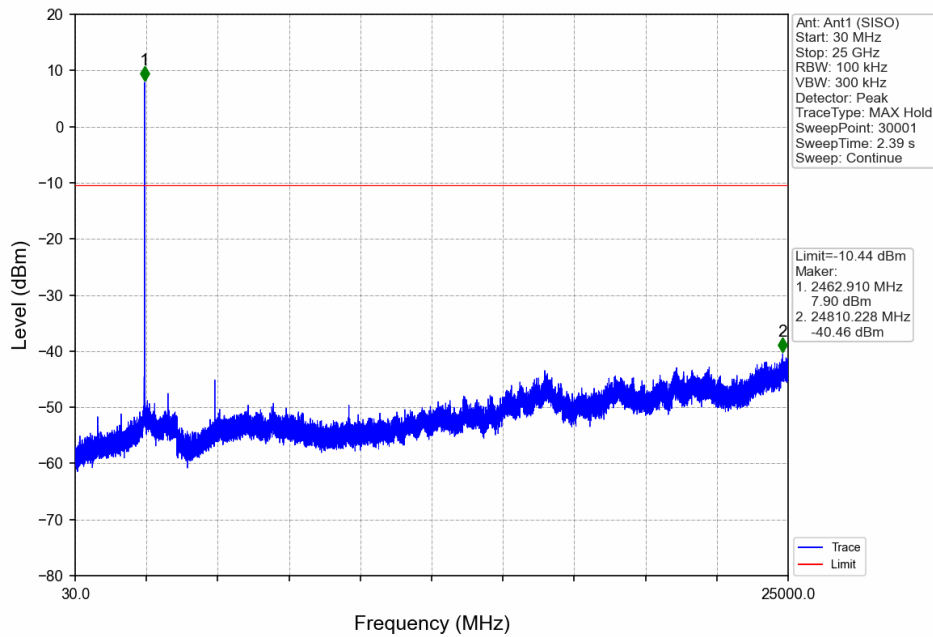
802.11b_MCH_2437MHz_Ant1 (SISO)_NTNV



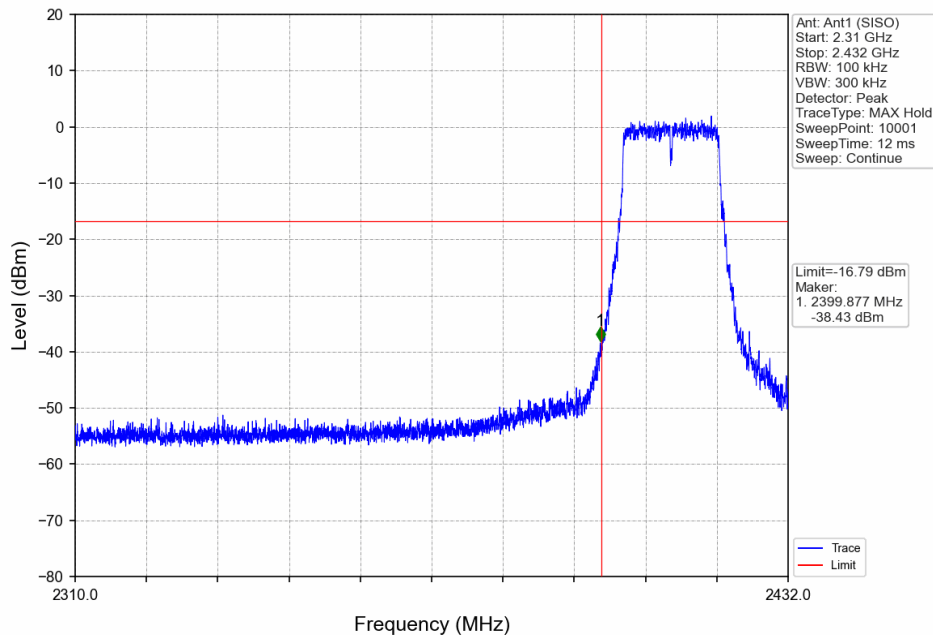
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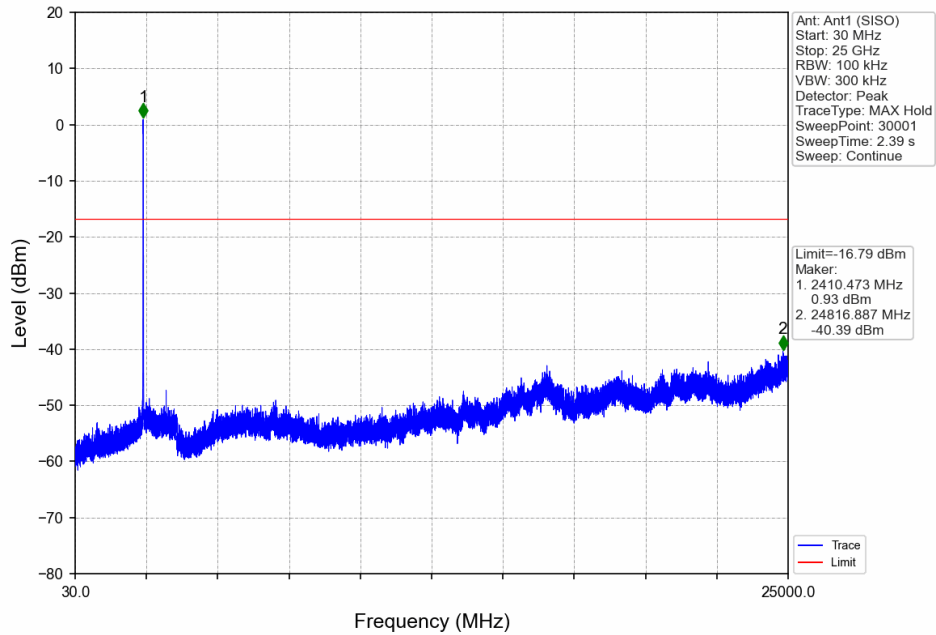
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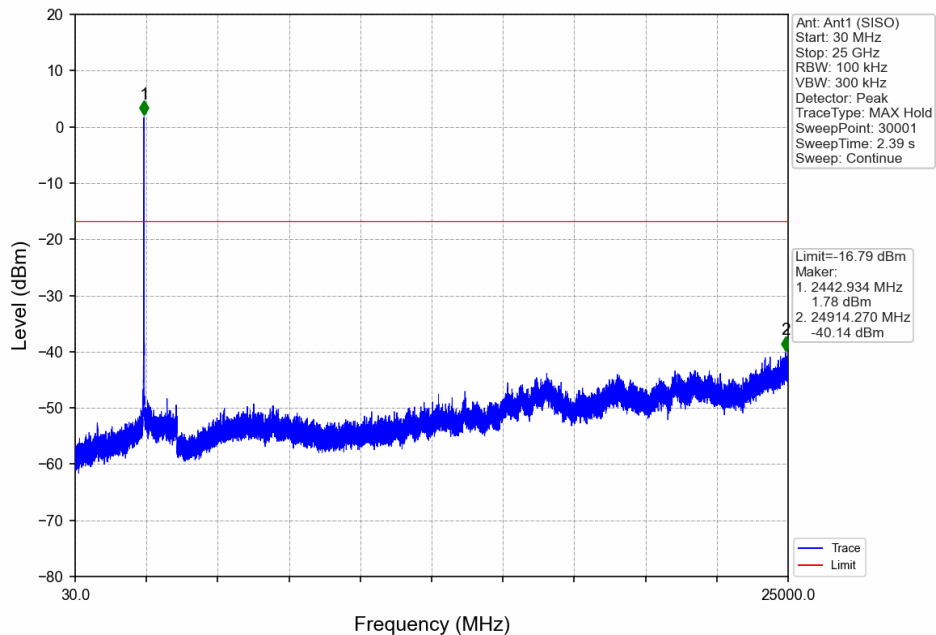
802.11g_LCH_2412MHz_Ant1 (SISO)_NTNV



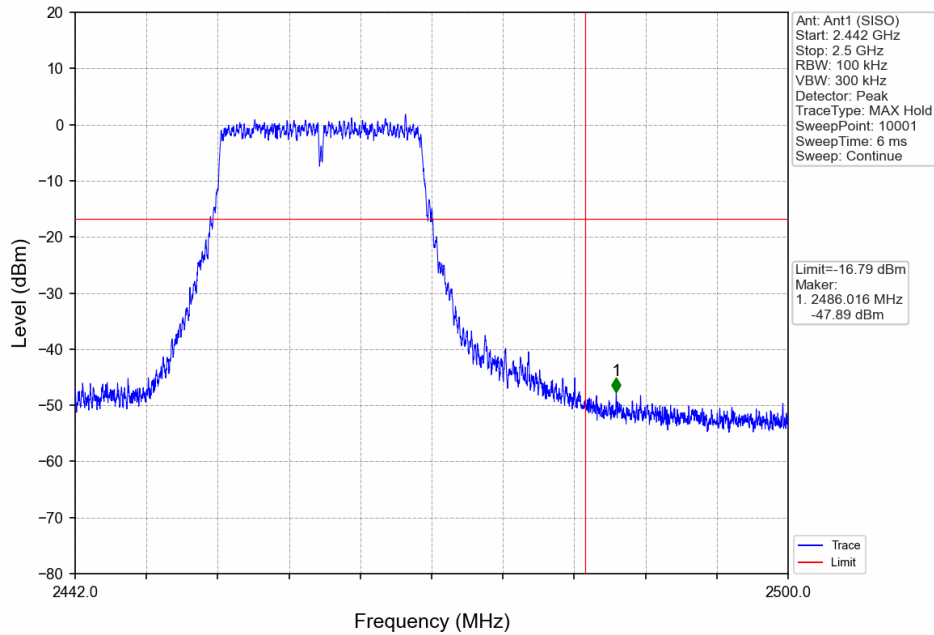
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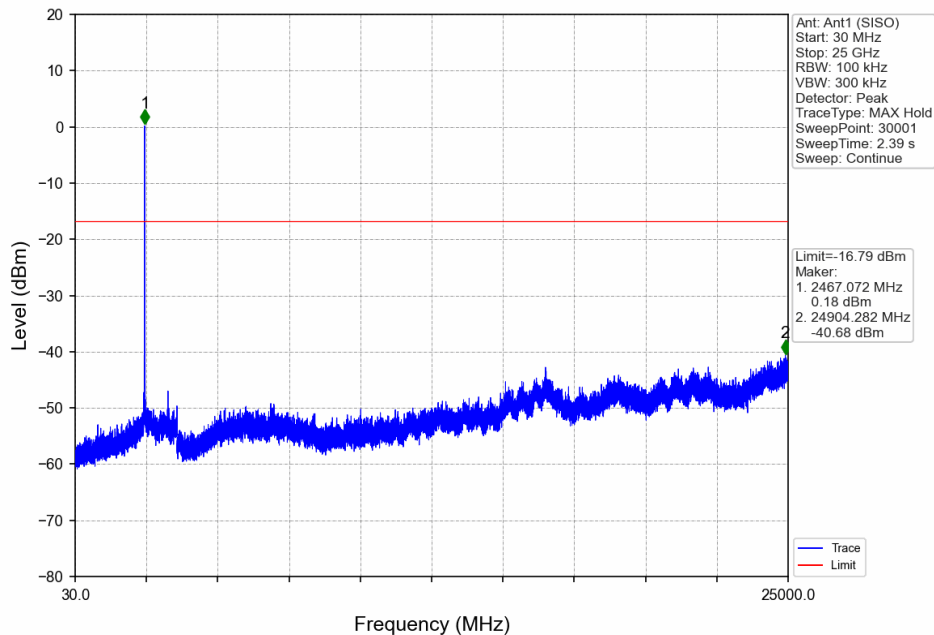
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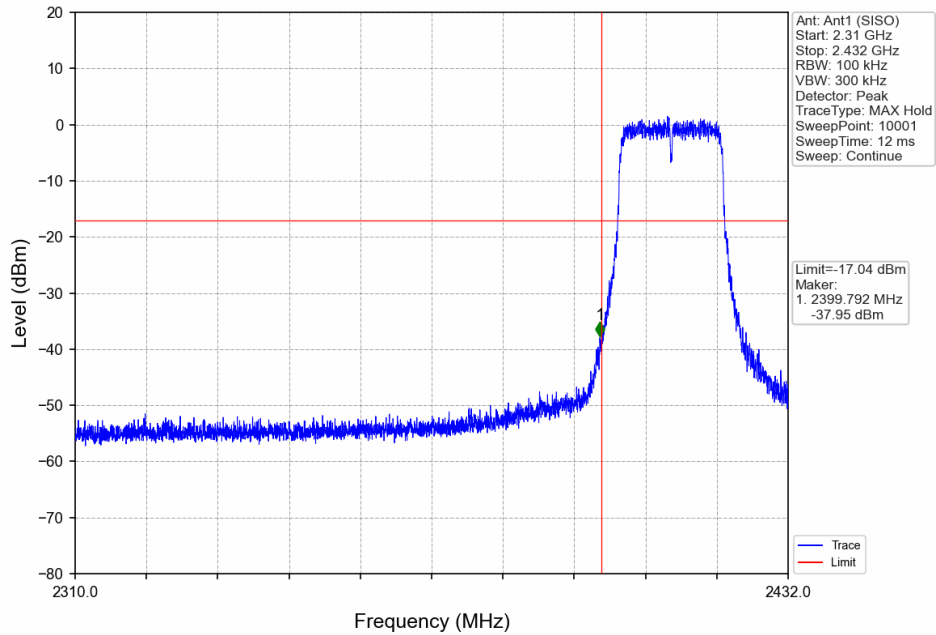
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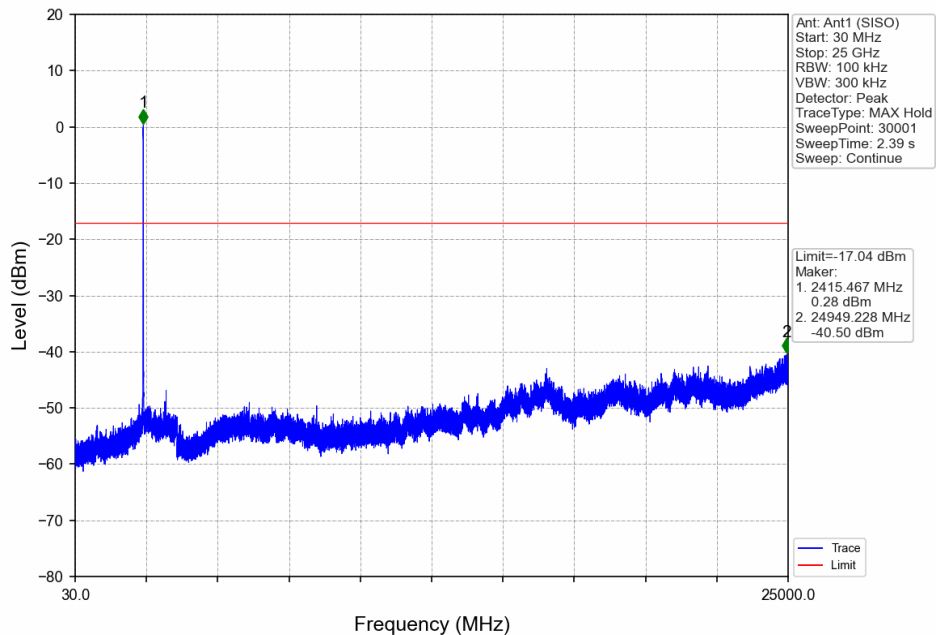
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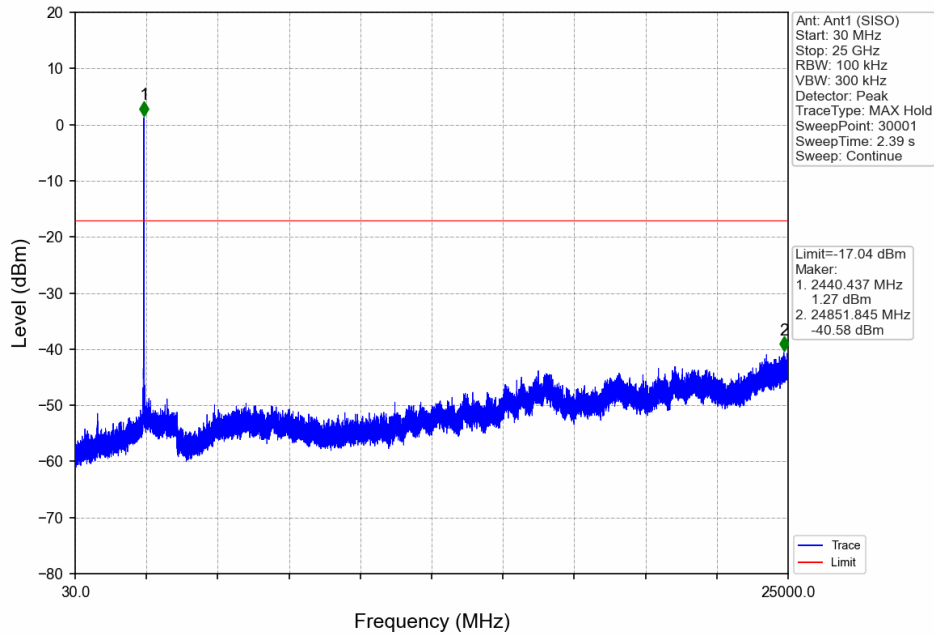
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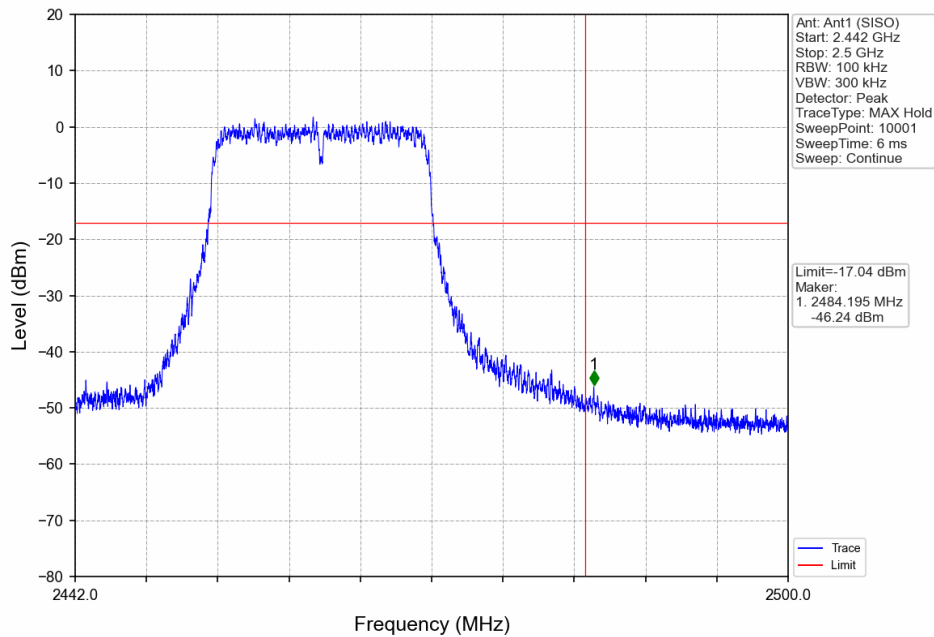
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802.11n(HT20)_MCH_2437MHz_Ant1 (SISO)_NTNV



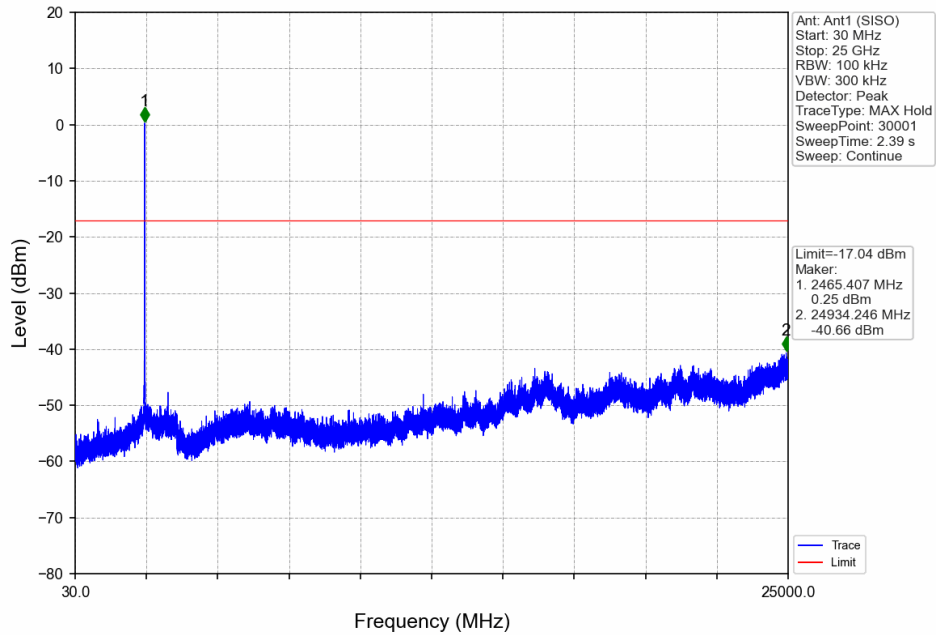
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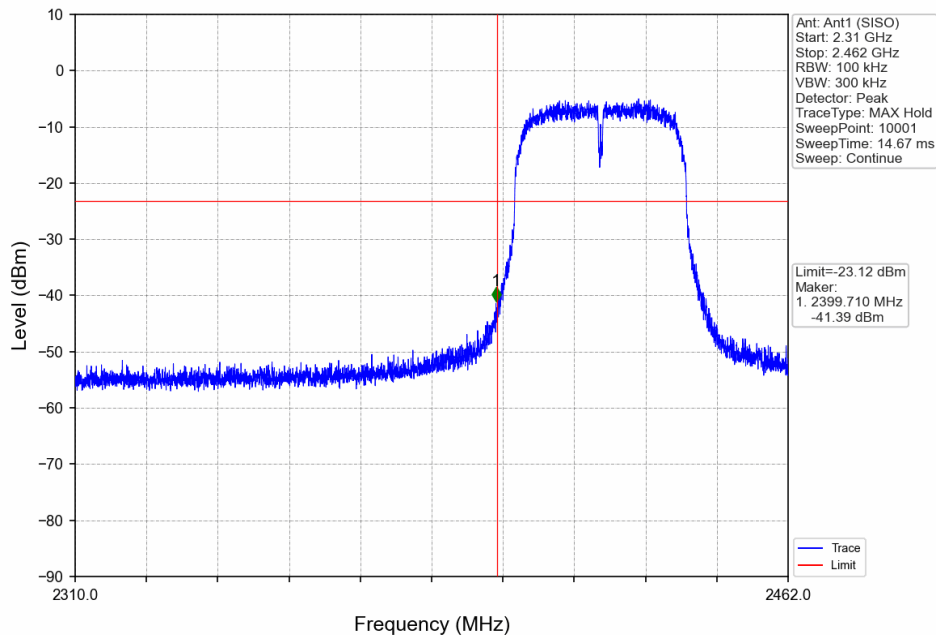
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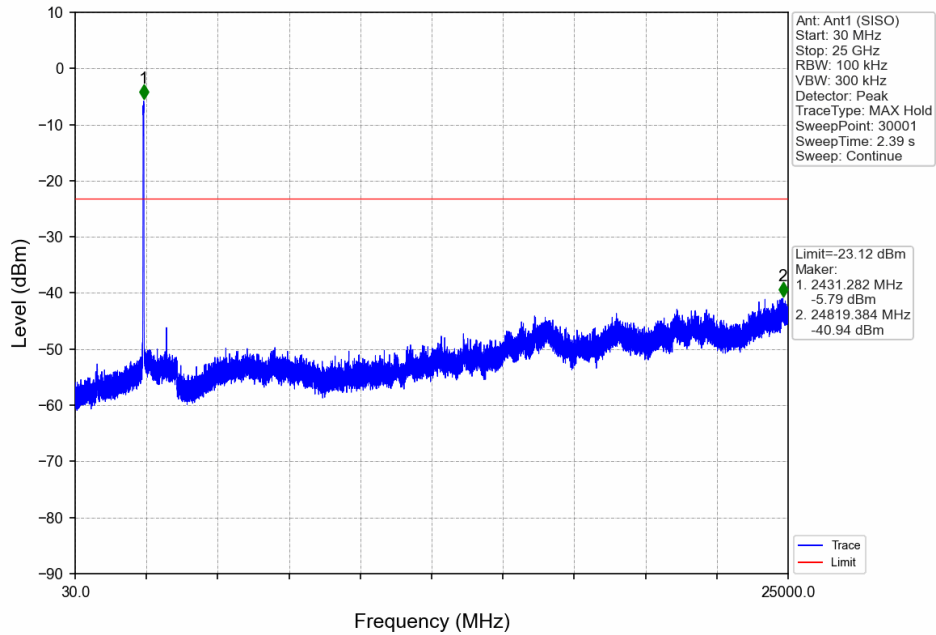
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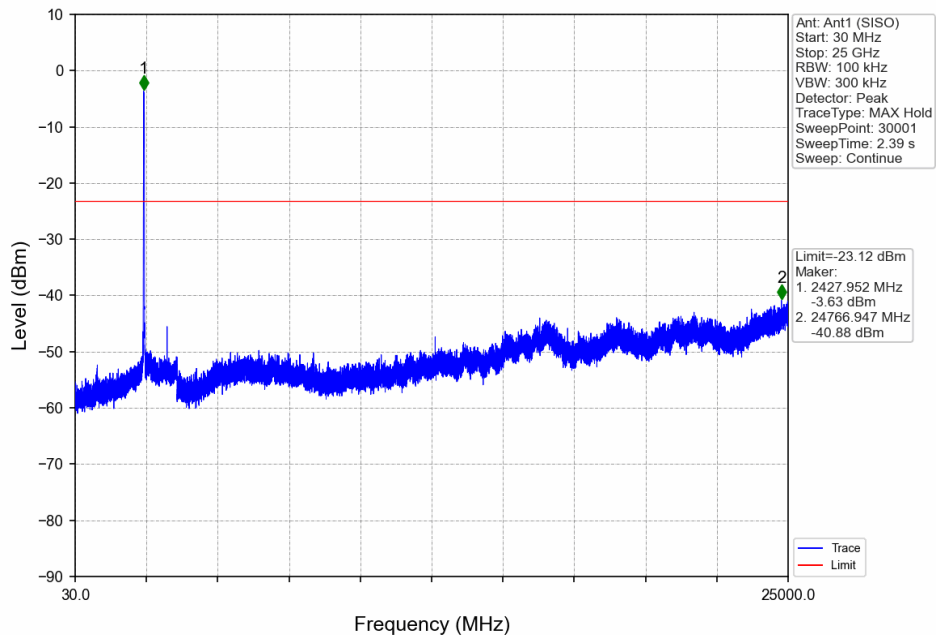
802.11n(HT40)_LCH_2422MHz_Ant1 (SISO)_NTNV



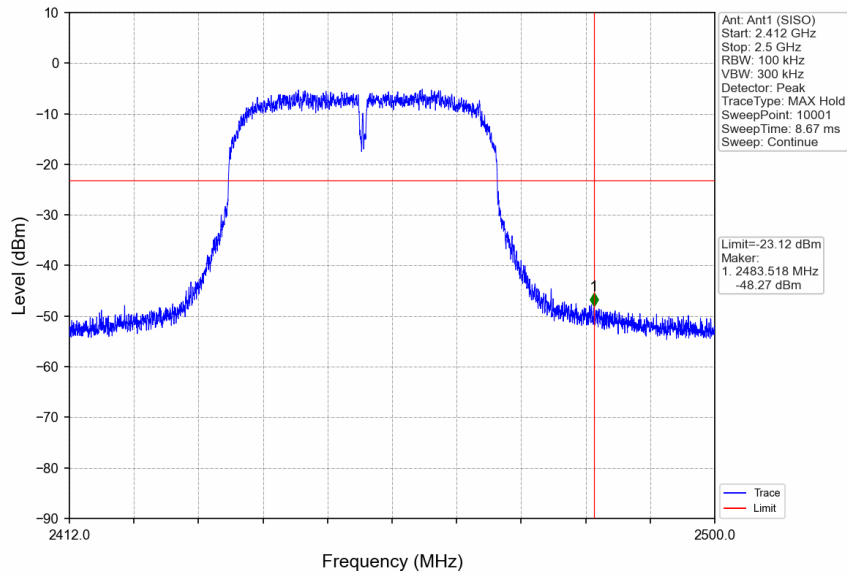
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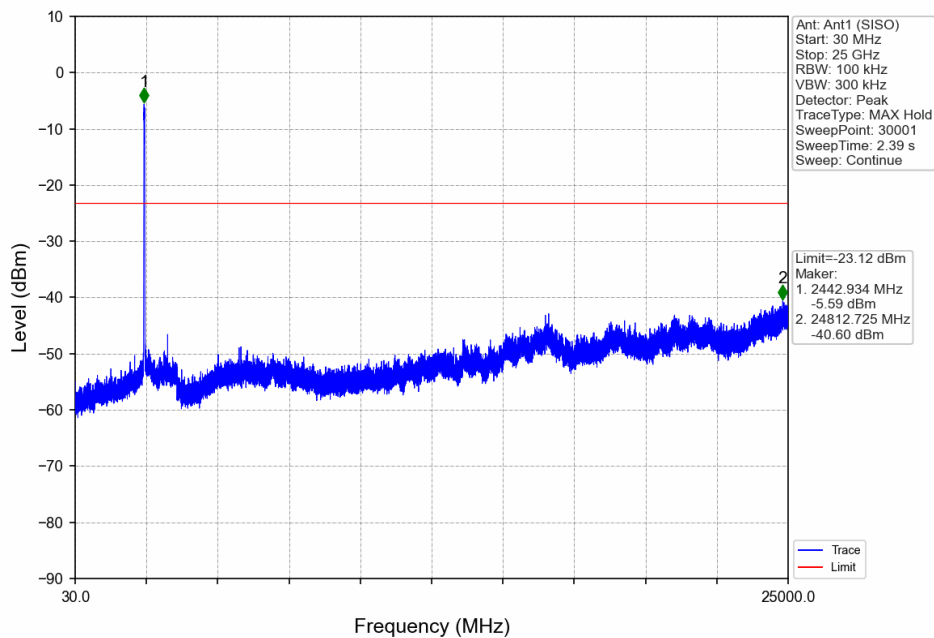
802.11n(HT40)_MCH_2437MHz_Ant1 (SISO)_NTNV



802.11n(HT40)_HCH_2452MHz_Ant1 (SISO)_NTNV



802.11n(HT40)_HCH_2452MHz_Ant1 (SISO)_NTNV



- End of the Report -