

RF Test Data

For

Project No.:	DLE-251204051R
Client:	My Instore Apps
Manufacturer:	Shenzhen Dadocer Technology Co., Ltd.
Product Description:	MIR Media Player
Model Number:	MIR Media Player 5
Test Engineer:	Alisa Song
Test Date:	2025-11-27

Test Summary

Item	Result
Duty Cycle	Pass
Bandwidth	Pass
Maximum Conducted Output Power	Pass
Maximum Power Spectral Density	Pass
Unwanted Emissions In Non-restricted Frequency Bands	Pass
Frequency Error	Pass

1. Duty Cycle

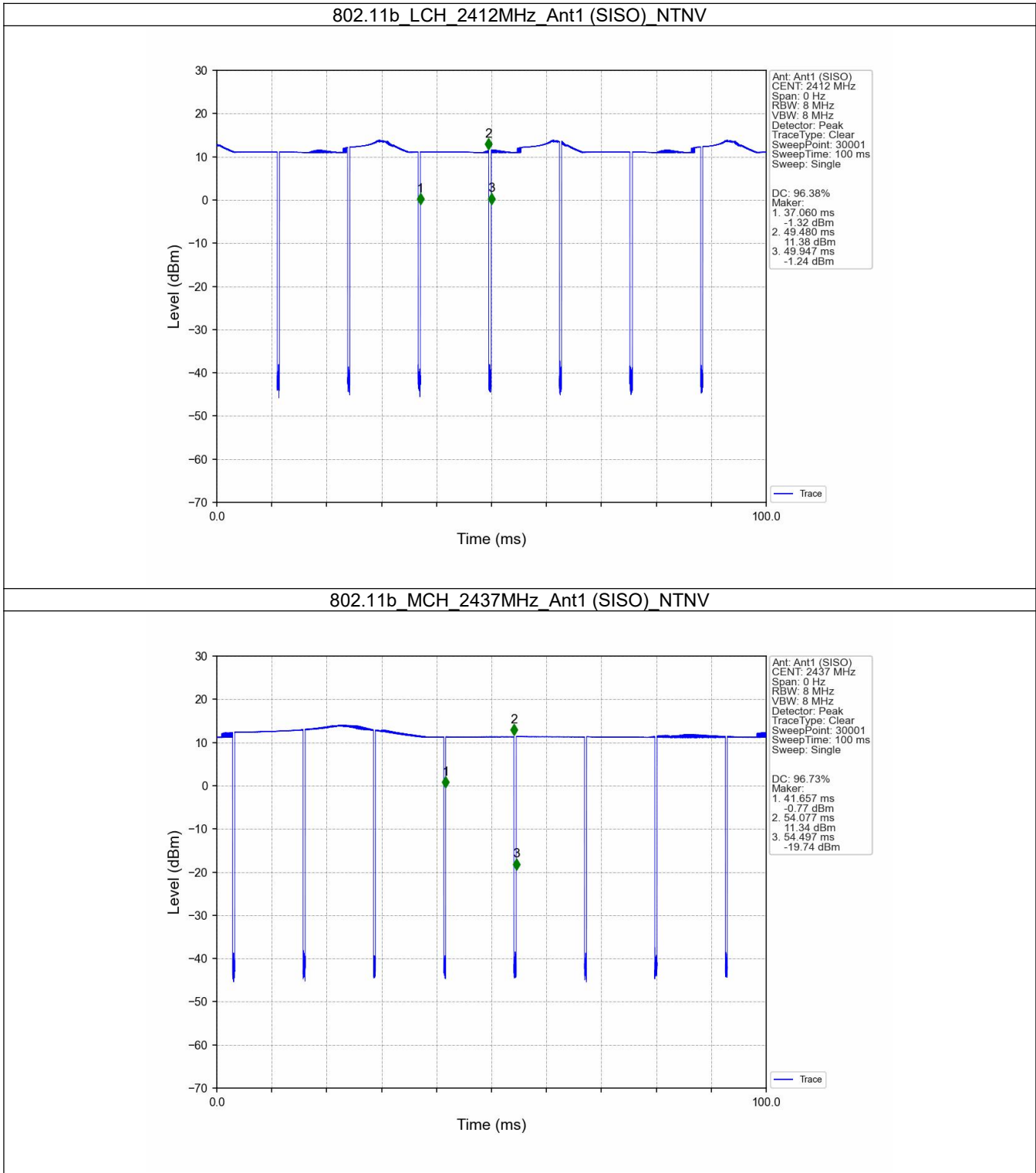
1.1 Test Result

1.1.1 Ant1

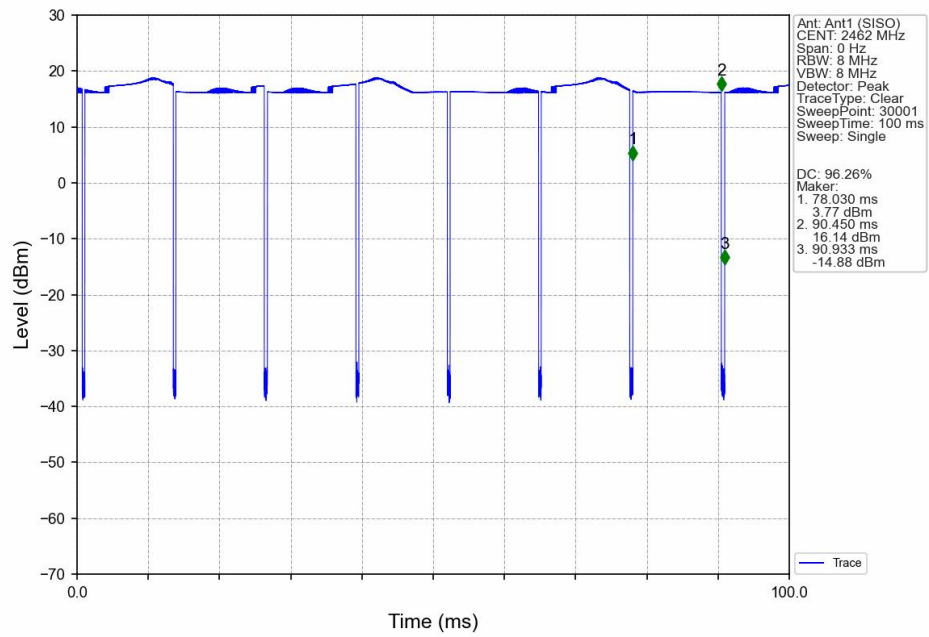
Ant1							
Mode	TX Type	Frequency (MHz)	T_on (ms)	Period (ms)	Duty Cycle (%)	Duty Cycle Correction Factor (dB)	Max. DC Variation (%)
802.11b	SISO	2412	12.420	12.887	96.38	0.16	0.75
		2437	12.420	12.840	96.73	0.14	0.48
		2462	12.420	12.903	96.26	0.17	1.03
802.11g	SISO	2412	0.250	0.479	52.19	2.82	16.87
		2437	0.250	0.479	52.19	2.82	18.64
		2462	0.250	0.479	52.19	2.82	18.60
802.11n (HT20)	SISO	2412	1.921	2.151	89.31	0.49	5.57
		2437	1.921	2.151	89.31	0.49	5.57
		2462	1.922	4.290	44.80	3.49	50.57
802.11n (HT40)	SISO	2422	0.945	1.175	80.43	0.95	8.90
		2437	0.946	1.176	80.44	0.95	7.41
		2452	0.946	1.166	81.13	0.91	9.07

1.2 Test Graph

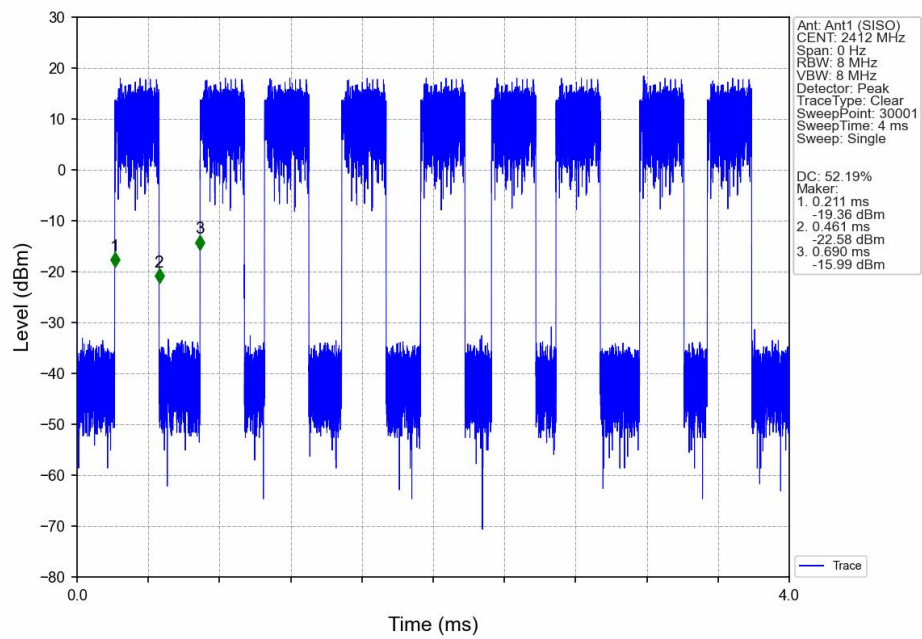
1.2.1 Ant1



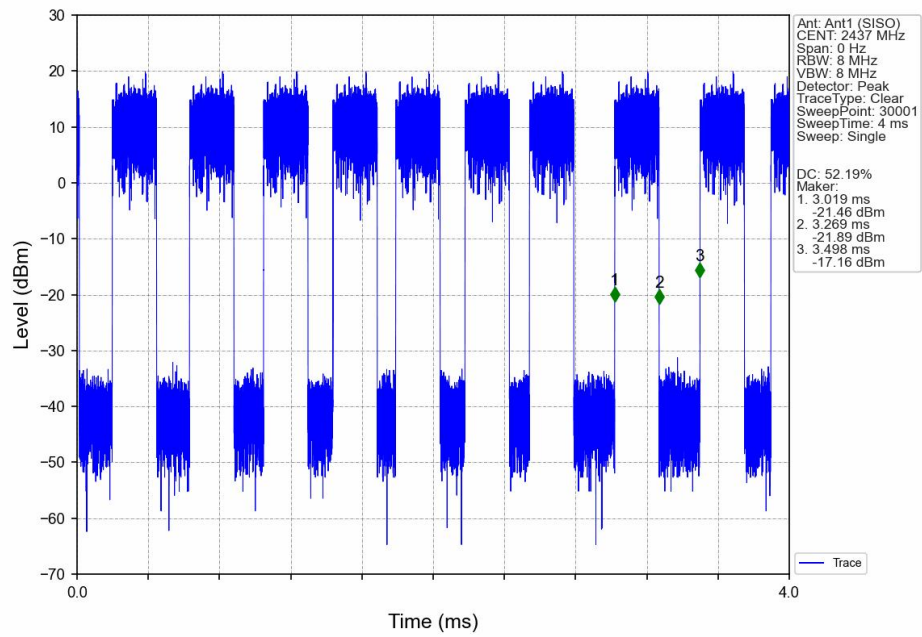
802.11b_HCH_2462MHz_Ant1 (SISO)_NTNV



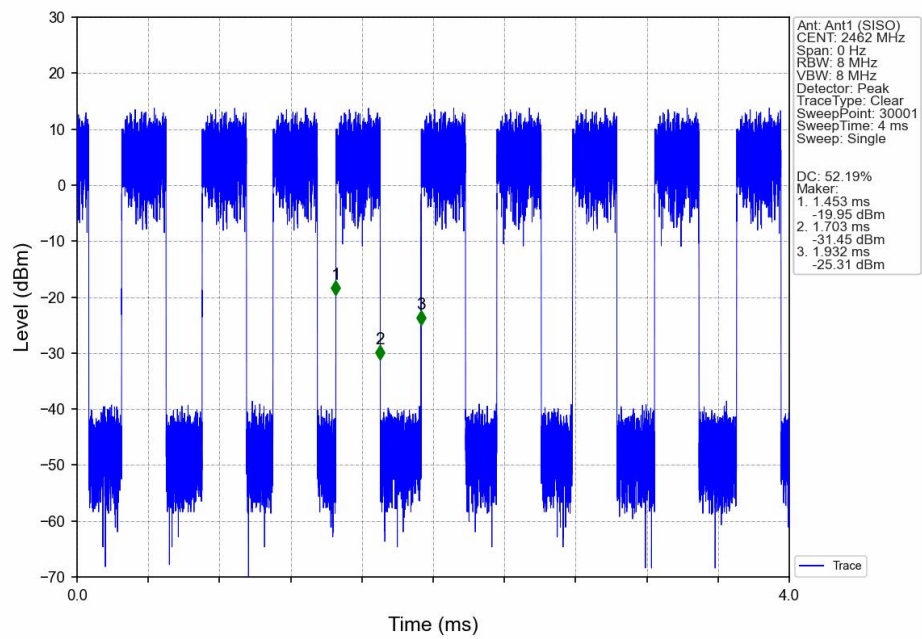
802.11g_LCH_2412MHz_Ant1 (SISO)_NTNV



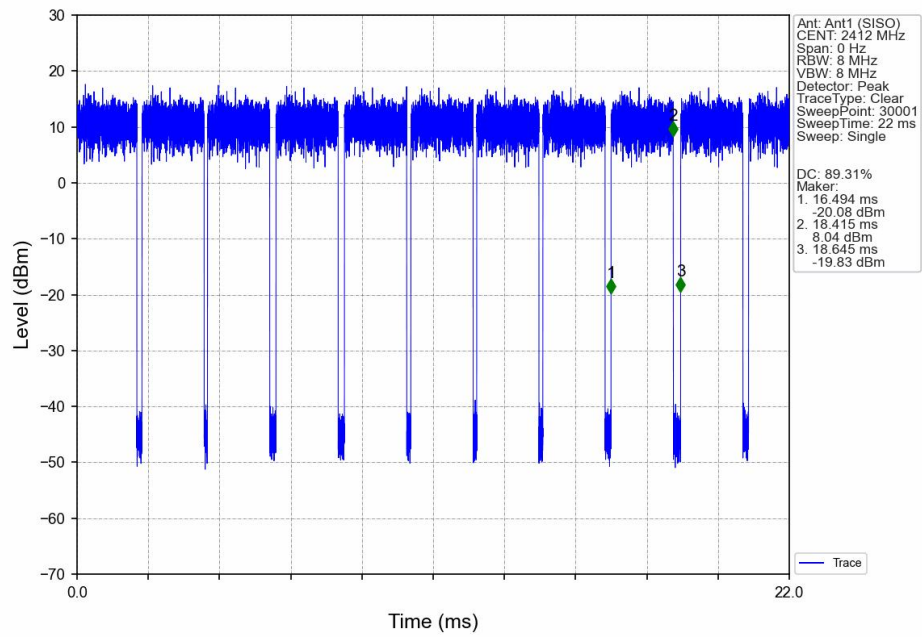
802.11g_MCH_2437MHz_Ant1 (SISO)_NTNV



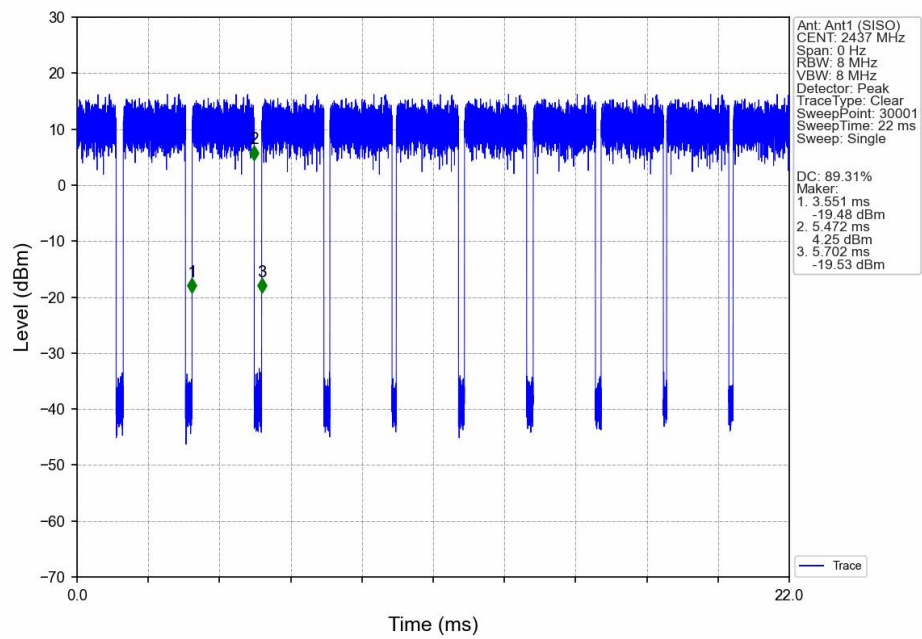
802.11g_HCH_2462MHz_Ant1 (SISO)_NTNV



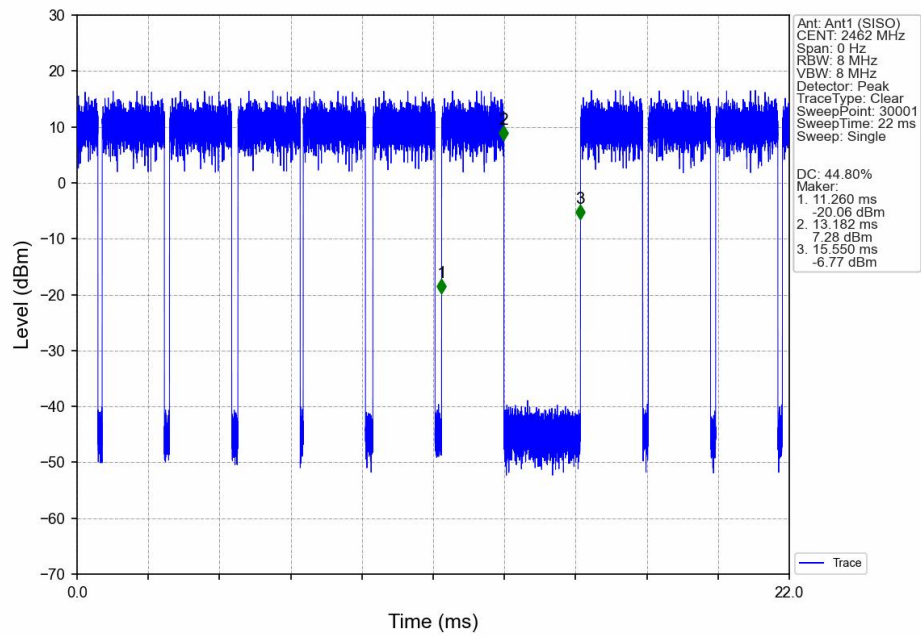
802.11n(HT20)_LCH_2412MHz_Ant1 (SISO)_NTNV



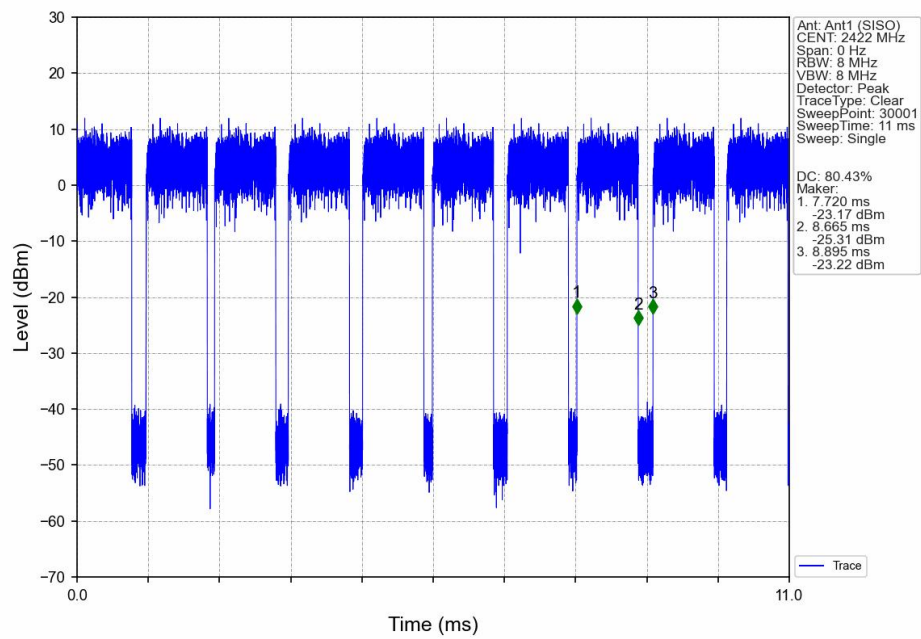
802.11n(HT20)_MCH_2437MHz_Ant1 (SISO)_NTNV



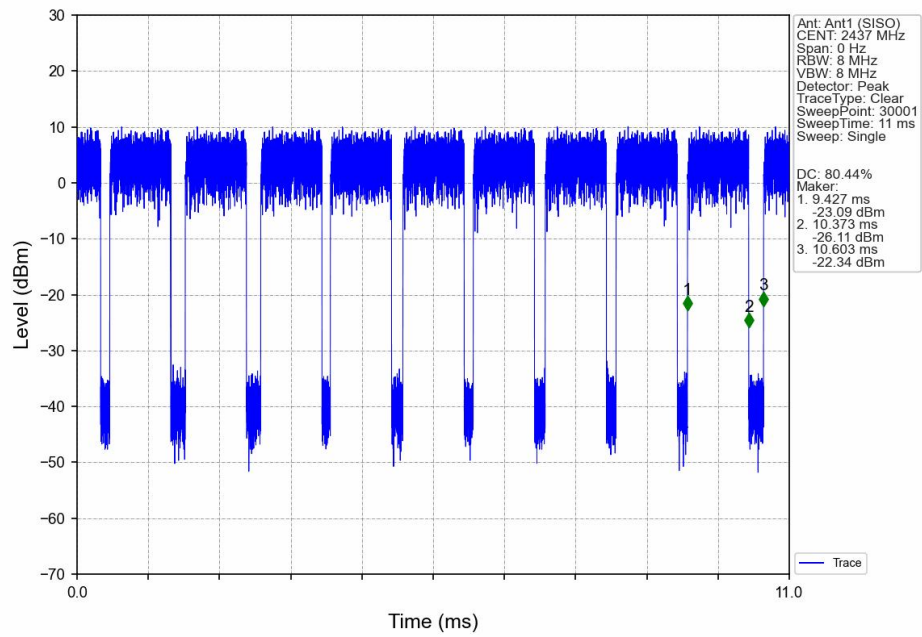
802.11n(HT20)_HCH_2462MHz_Ant1 (SISO)_NTNV



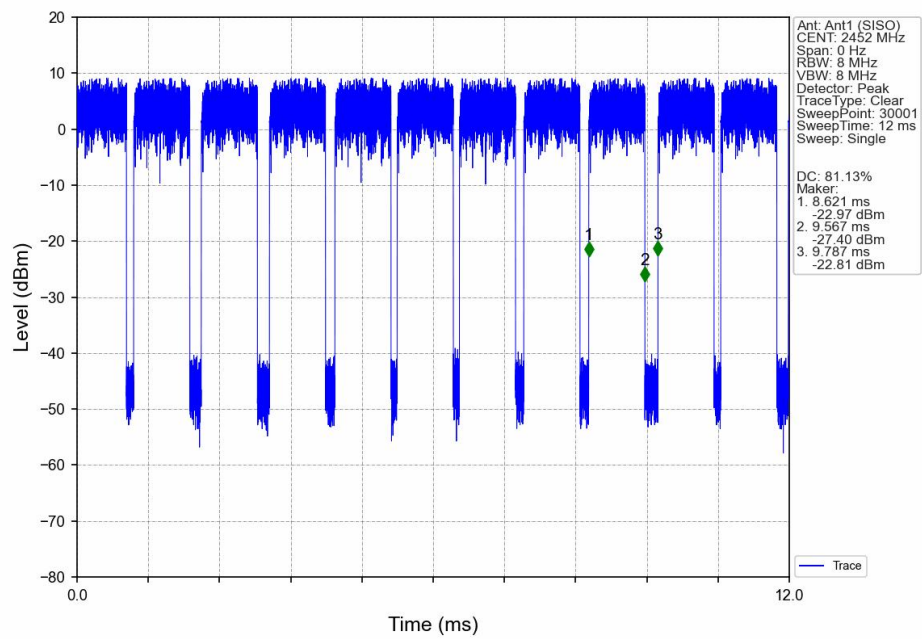
802.11n(HT40)_LCH_2422MHz_Ant1 (SISO)_NTNV



802.11n(HT40)_MCH_2437MHz_Ant1 (SISO)_NTNV



802.11n(HT40)_HCH_2452MHz_Ant1 (SISO)_NTNV



2. Bandwidth

2.1 Test Result

2.1.1 OBW

Mode	TX Type	Frequency (MHz)	ANT	99% Occupied Bandwidth (MHz)		Verdict
				Result	Limit	
802.11b	SISO	2412	1	14.744	/	Pass
			2	14.655	/	Pass
		2437	1	14.725	/	Pass
			2	14.690	/	Pass
		2462	1	14.739	/	Pass
			2	14.688	/	Pass
802.11g	SISO	2412	1	16.976	/	Pass
			2	17.161	/	Pass
		2437	1	16.900	/	Pass
			2	16.927	/	Pass
		2462	1	16.721	/	Pass
			2	16.930	/	Pass
802.11n (HT20)	SISO	2412	1	18.266	/	Pass
			2	18.282	/	Pass
		2437	1	18.371	/	Pass
			2	18.446	/	Pass
		2462	1	18.384	/	Pass
			2	18.266	/	Pass
802.11n (HT40)	SISO	2422	1	36.265	/	Pass
			2	36.324	/	Pass
		2437	1	36.535	/	Pass
			2	36.450	/	Pass
		2452	1	36.697	/	Pass
			2	36.486	/	Pass

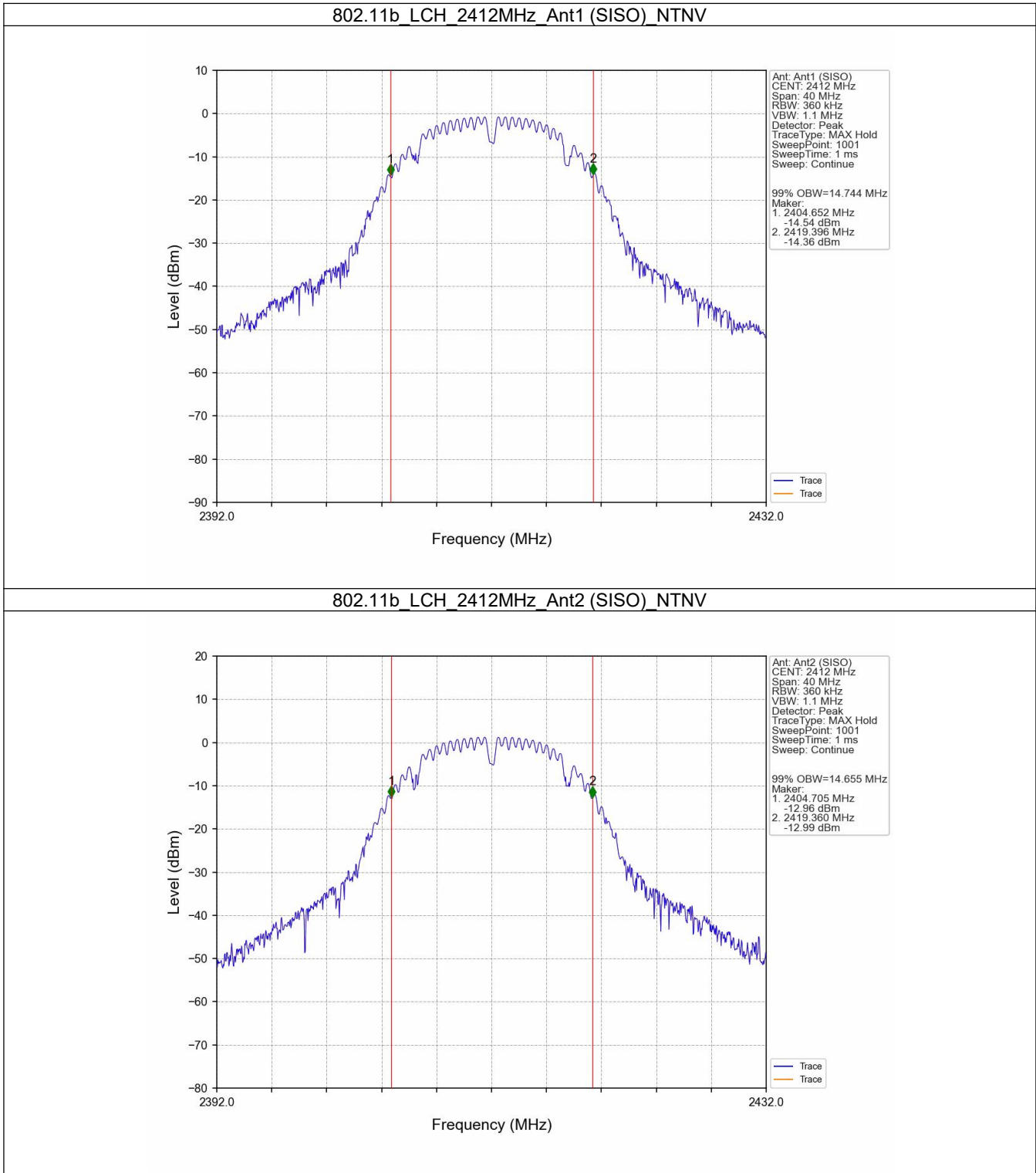
2.1.2 6dB BW

Mode	TX Type	Frequency (MHz)	ANT	6dB Bandwidth (MHz)		Verdict
				Result	Limit	
802.11b	SISO	2412	1	10.367	≥ 0.5	Pass
			2	10.347	≥ 0.5	Pass
		2437	1	10.351	≥ 0.5	Pass
			2	10.348	≥ 0.5	Pass
		2462	1	10.353	≥ 0.5	Pass
			2	10.345	≥ 0.5	Pass
802.11g	SISO	2412	1	16.409	≥ 0.5	Pass
			2	16.495	≥ 0.5	Pass
		2437	1	16.627	≥ 0.5	Pass
			2	16.261	≥ 0.5	Pass
		2462	1	16.076	≥ 0.5	Pass
			2	16.420	≥ 0.5	Pass
802.11n (HT20)	SISO	2412	1	17.721	≥ 0.5	Pass
			2	17.537	≥ 0.5	Pass
		2437	1	17.656	≥ 0.5	Pass
			2	17.650	≥ 0.5	Pass
		2462	1	17.653	≥ 0.5	Pass
			1	17.653	≥ 0.5	Pass

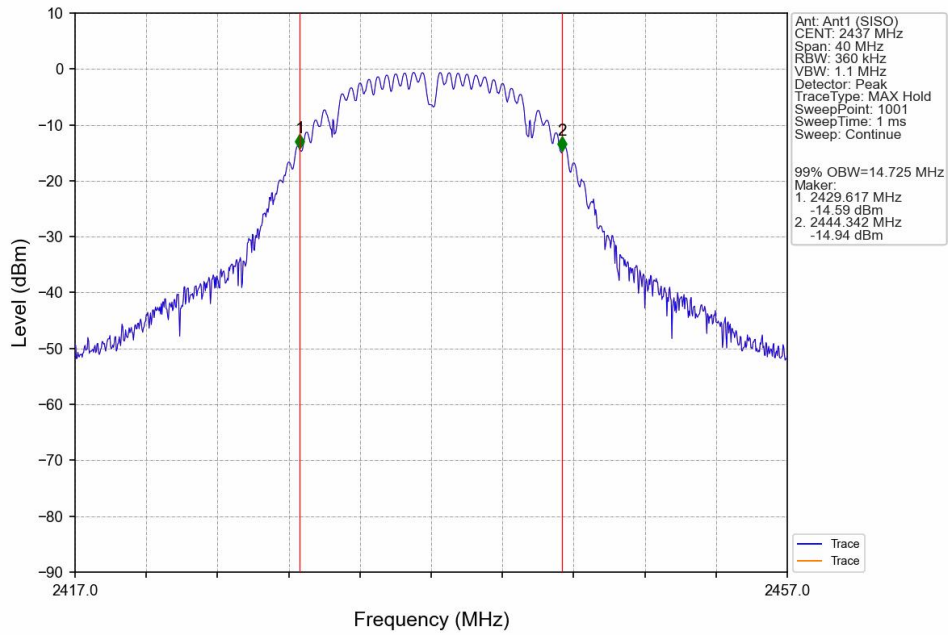
			2	17.558	≥ 0.5	Pass
802.11n (HT40)	SISO	2422	1	35.995	≥ 0.5	Pass
			2	35.930	≥ 0.5	Pass
		2437	1	35.988	≥ 0.5	Pass
			2	35.979	≥ 0.5	Pass
		2452	1	36.255	≥ 0.5	Pass
			2	35.959	≥ 0.5	Pass

2.2 Test Graph

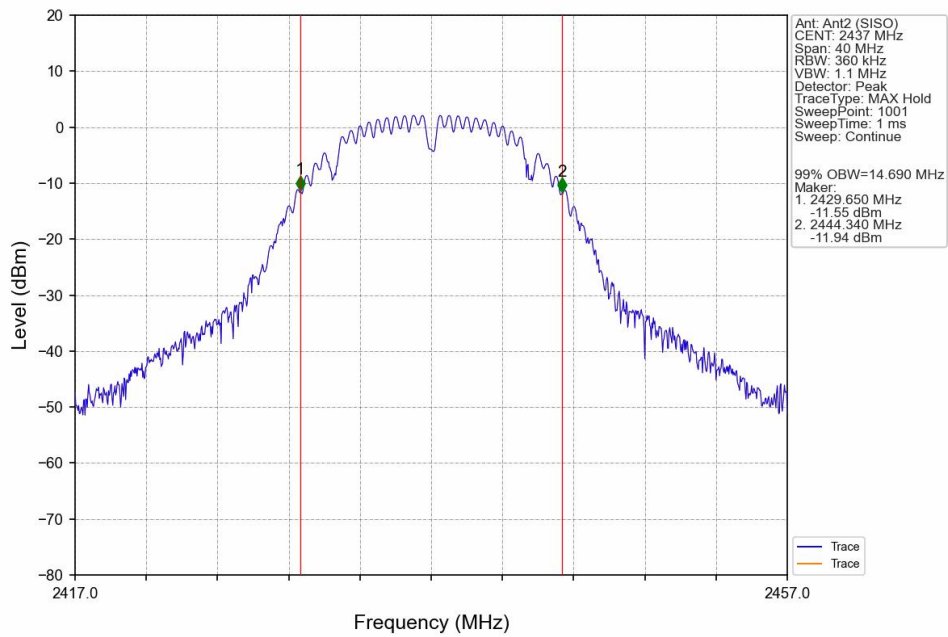
2.2.1 OBW



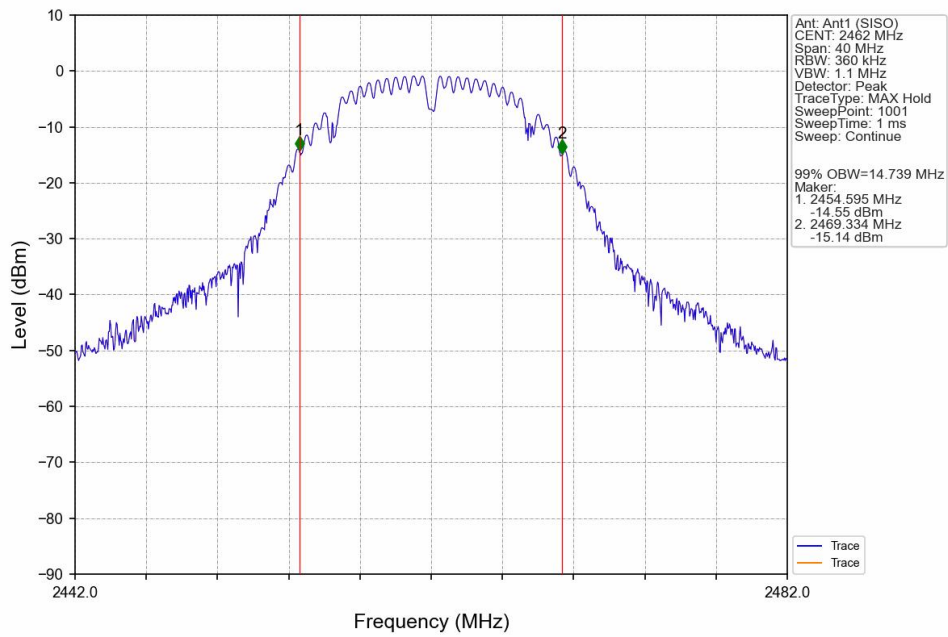
802.11b_MCH_2437MHz_Ant1 (SISO)_NTNV



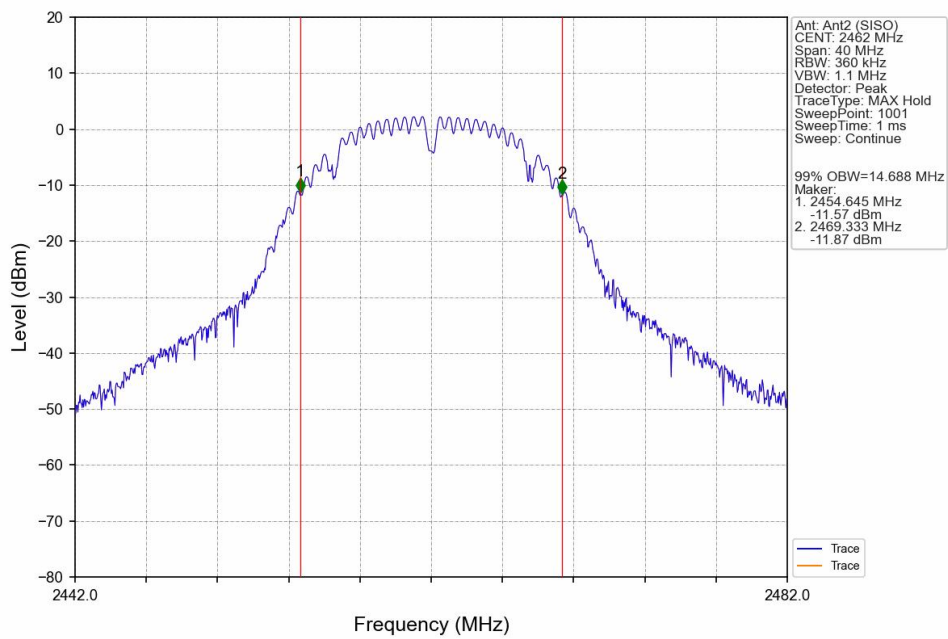
802.11b_MCH_2437MHz_Ant2 (SISO)_NTNV



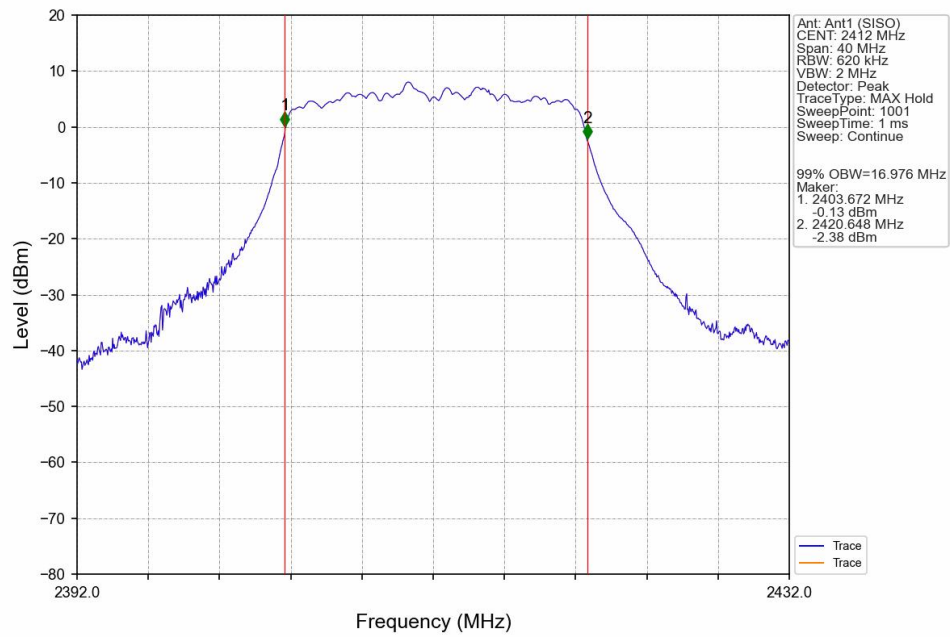
802.11b_HCH_2462MHz_Ant1 (SISO)_NTNV



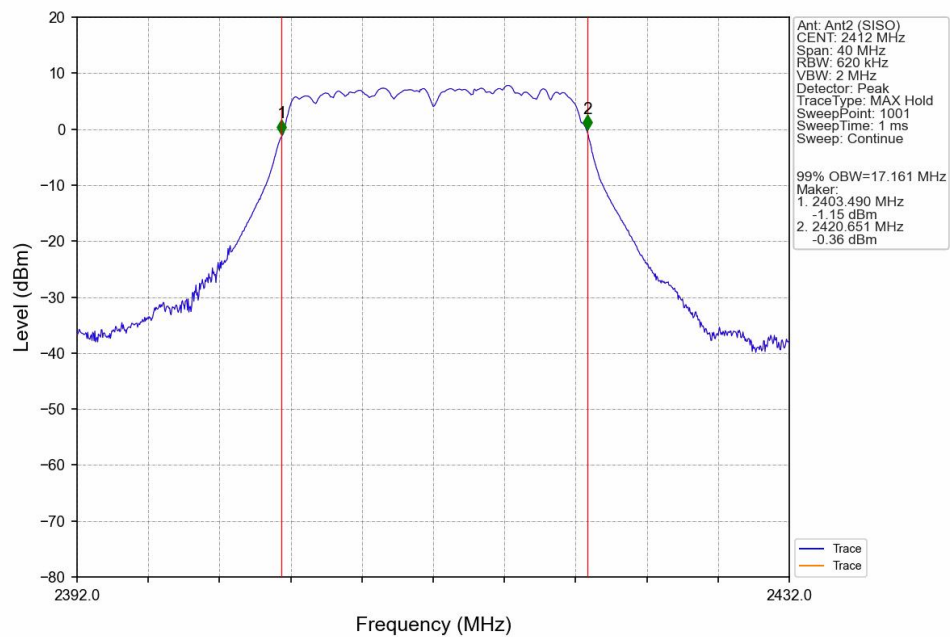
802.11b_HCH_2462MHz_Ant2 (SISO)_NTNV



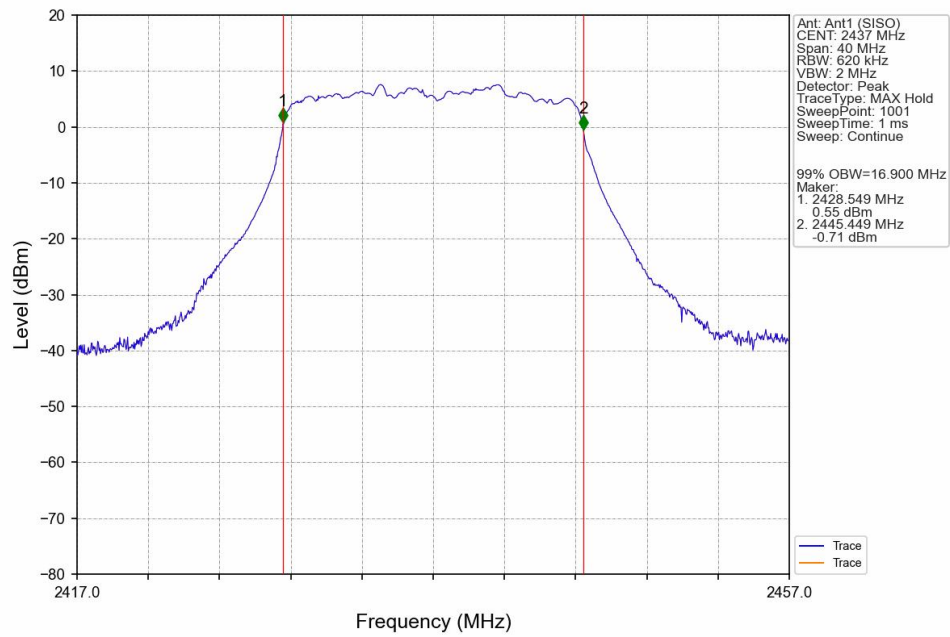
802.11g_LCH_2412MHz_Ant1 (SISO)_NTNV



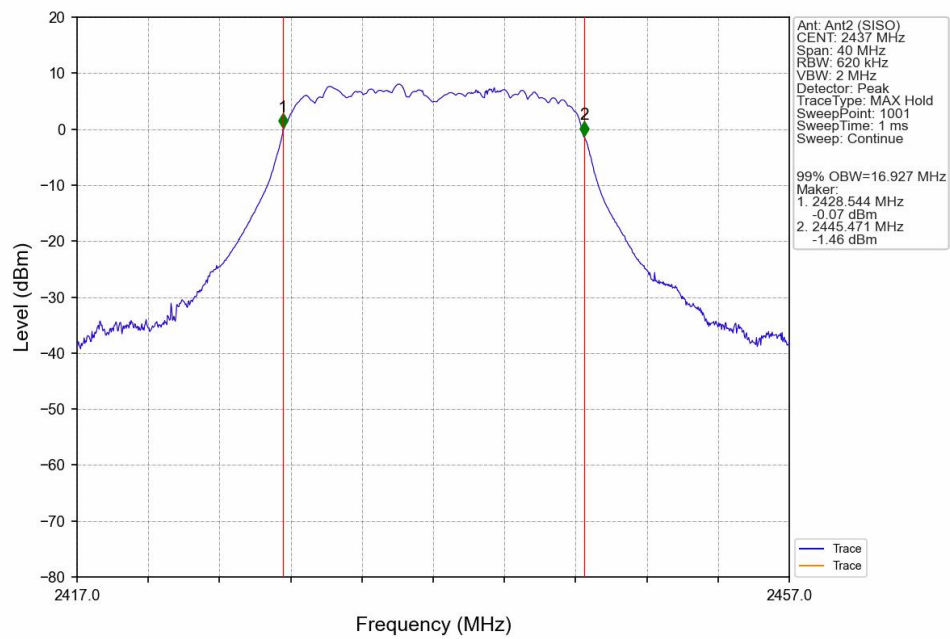
802.11g_LCH_2412MHz_Ant2 (SISO)_NTNV



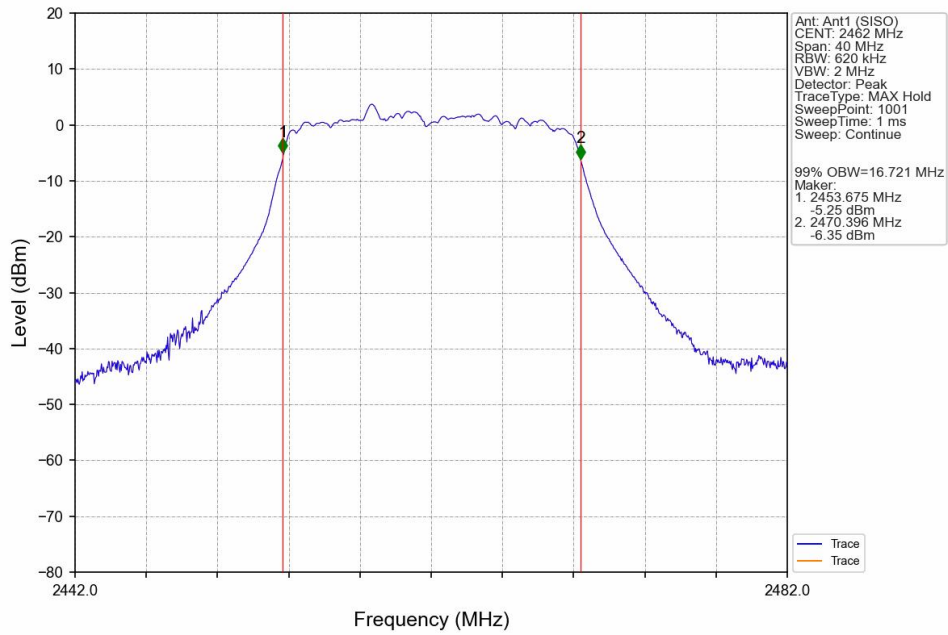
802.11g_MCH_2437MHz_Ant1 (SISO)_NTNV



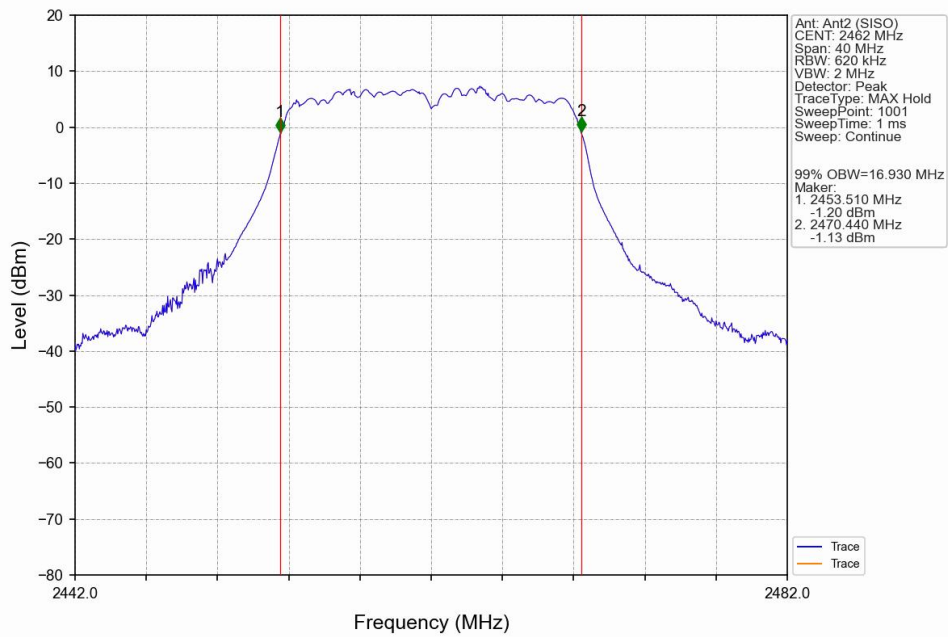
802.11g_MCH_2437MHz_Ant2 (SISO)_NTNV



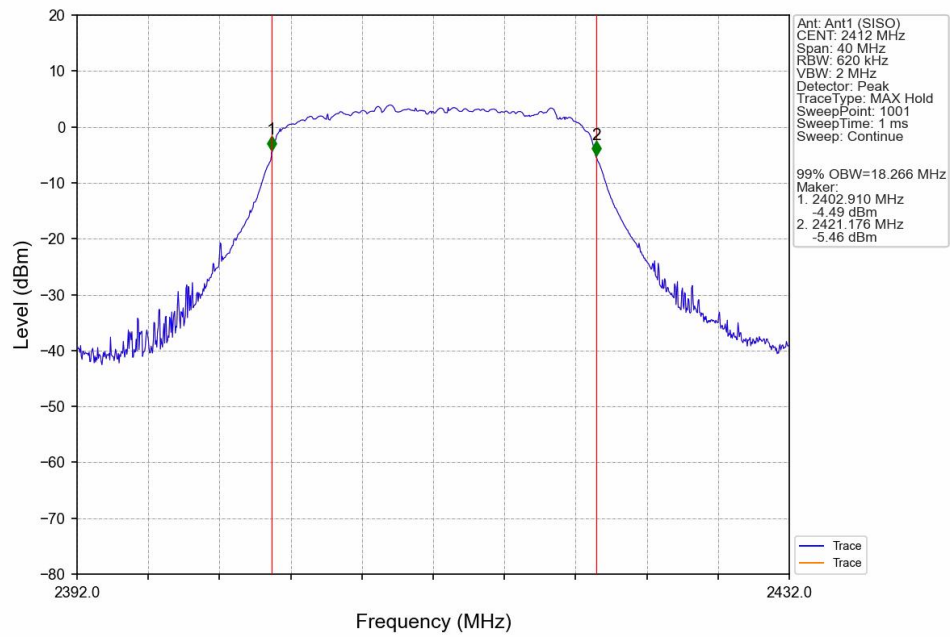
802.11g_HCH_2462MHz_Ant1 (SISO)_NTNV



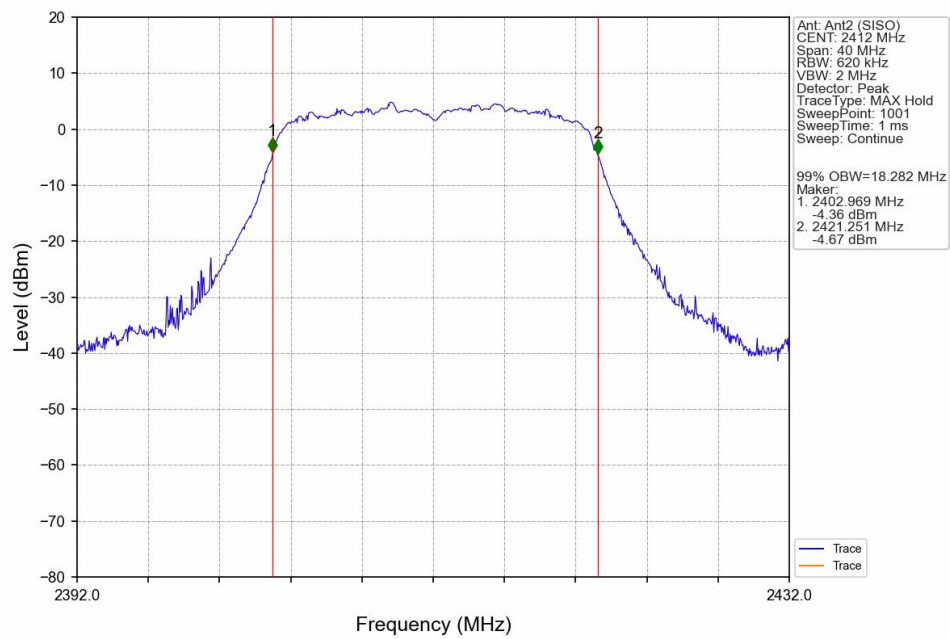
802.11g_HCH_2462MHz_Ant2 (SISO)_NTNV



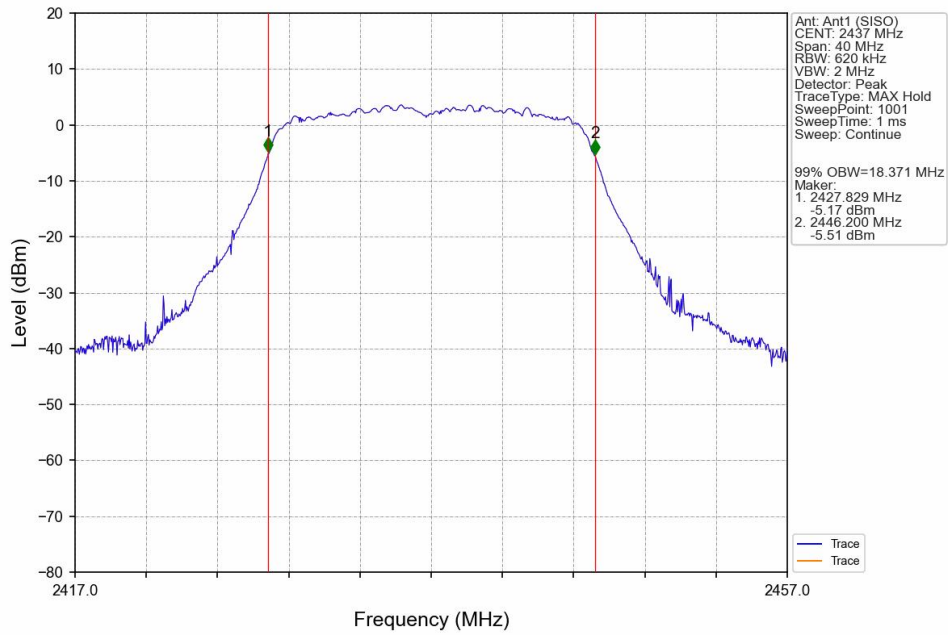
802.11n(HT20)_LCH_2412MHz_Ant1 (SISO)_NTNV



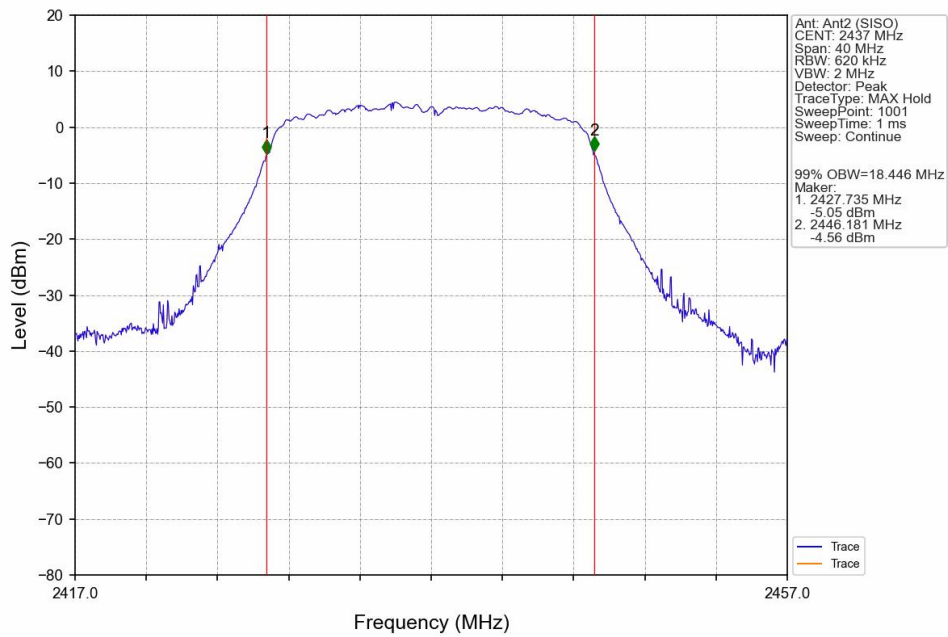
802.11n(HT20)_LCH_2412MHz_Ant2 (SISO)_NTNV



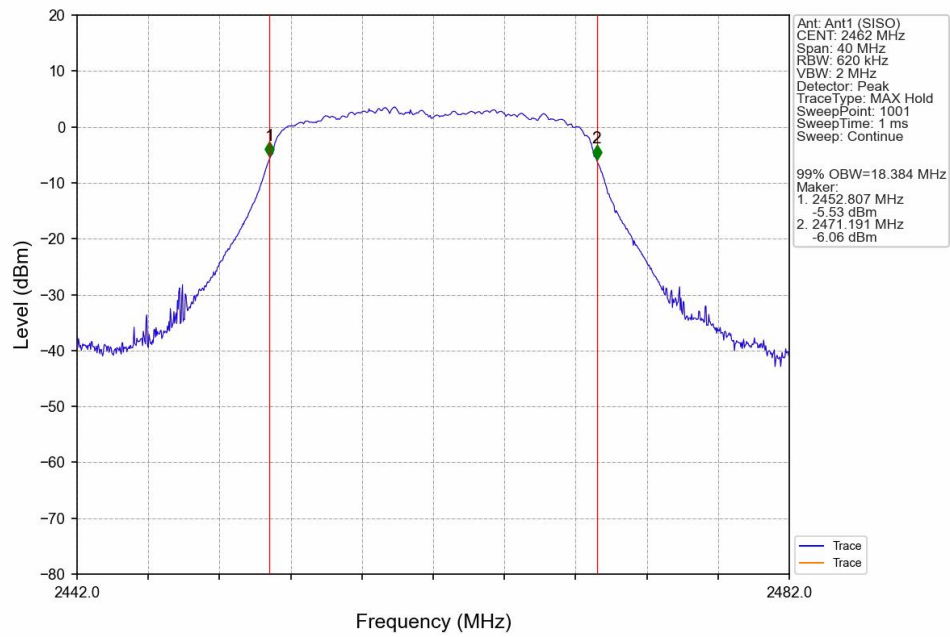
802.11n(HT20)_MCH_2437MHz_Ant1 (SISO)_NTNV



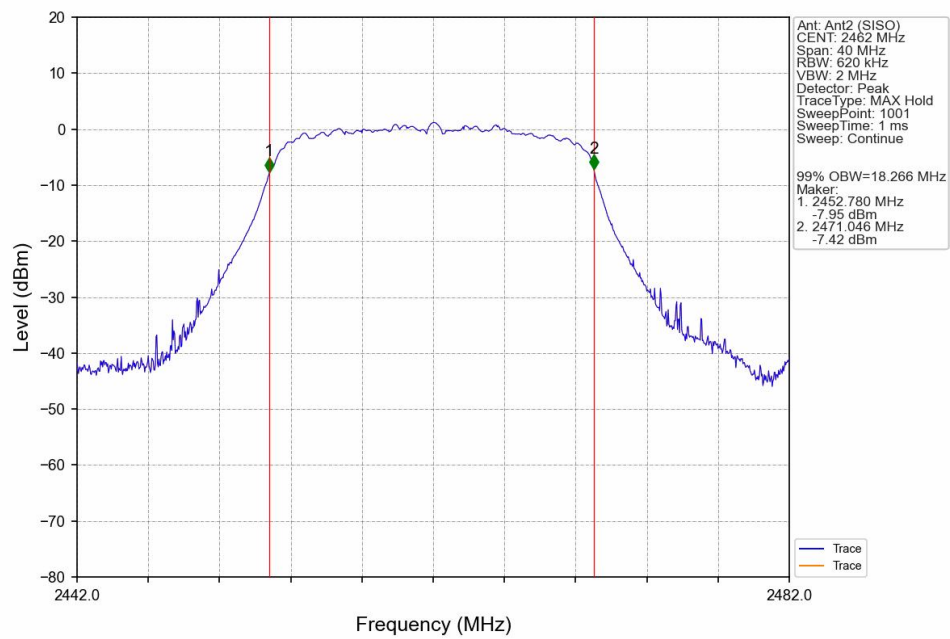
802.11n(HT20)_MCH_2437MHz_Ant2 (SISO)_NTNV



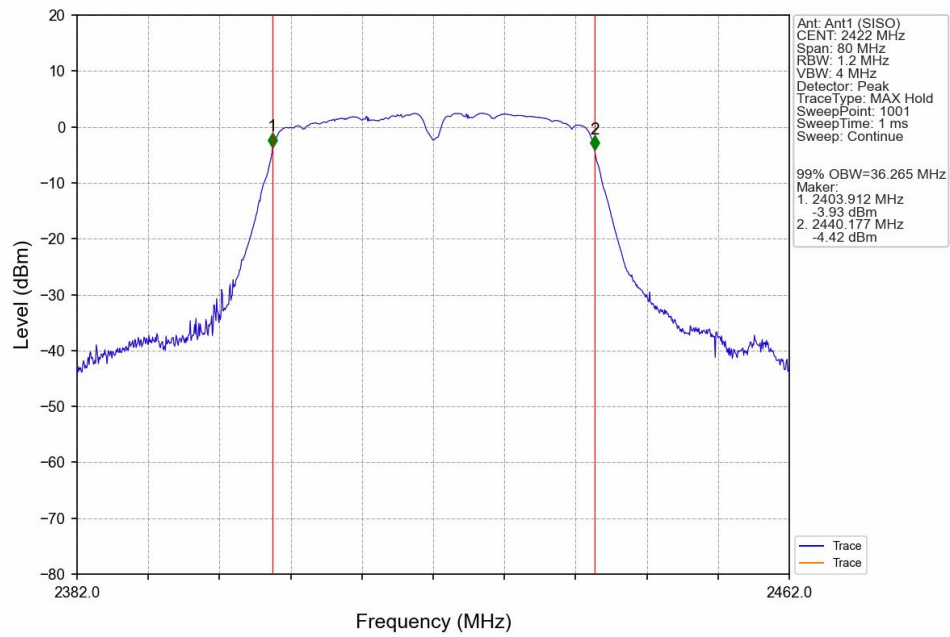
802.11n(HT20)_HCH_2462MHz_Ant1 (SISO)_NTNV



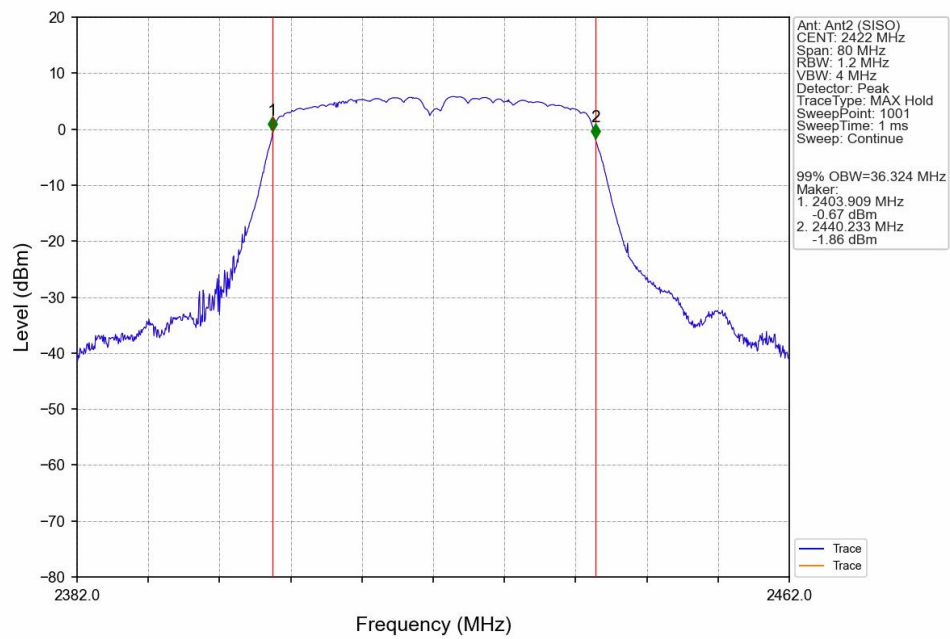
802.11n(HT20)_HCH_2462MHz_Ant2 (SISO)_NTNV



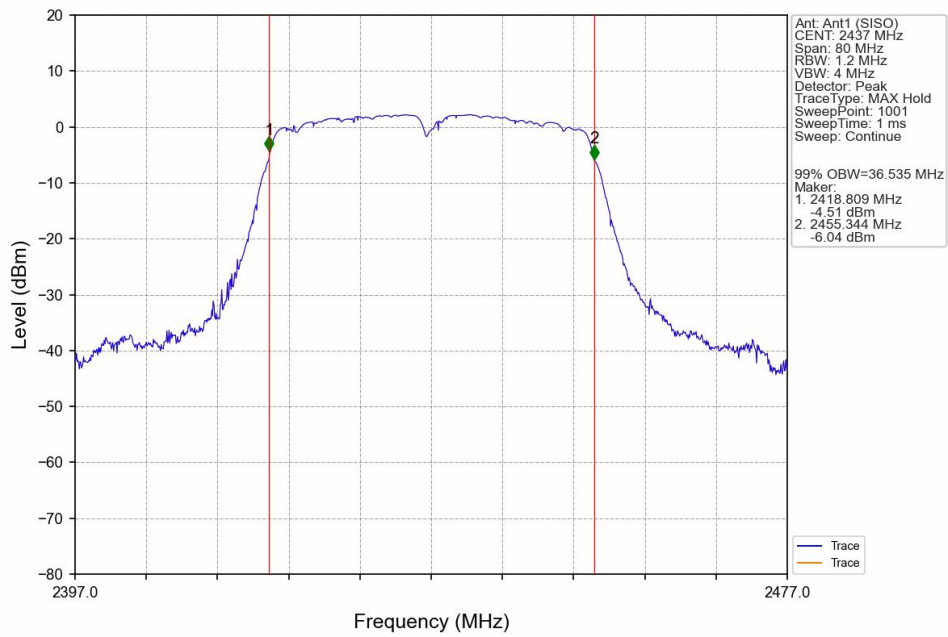
802.11n(HT40)_LCH_2422MHz_Ant1 (SISO)_NTNV



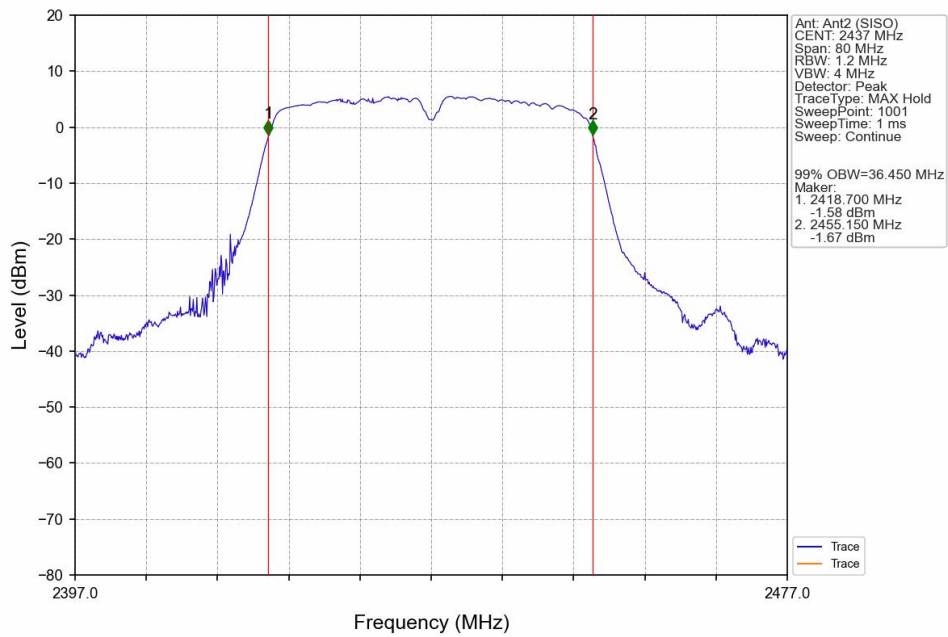
802.11n(HT40)_LCH_2422MHz_Ant2 (SISO)_NTNV



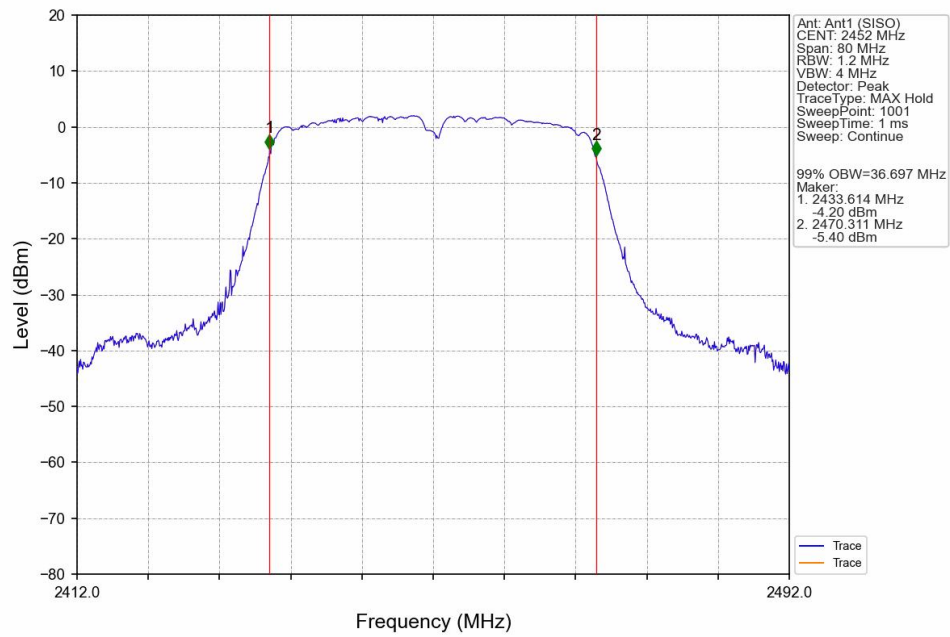
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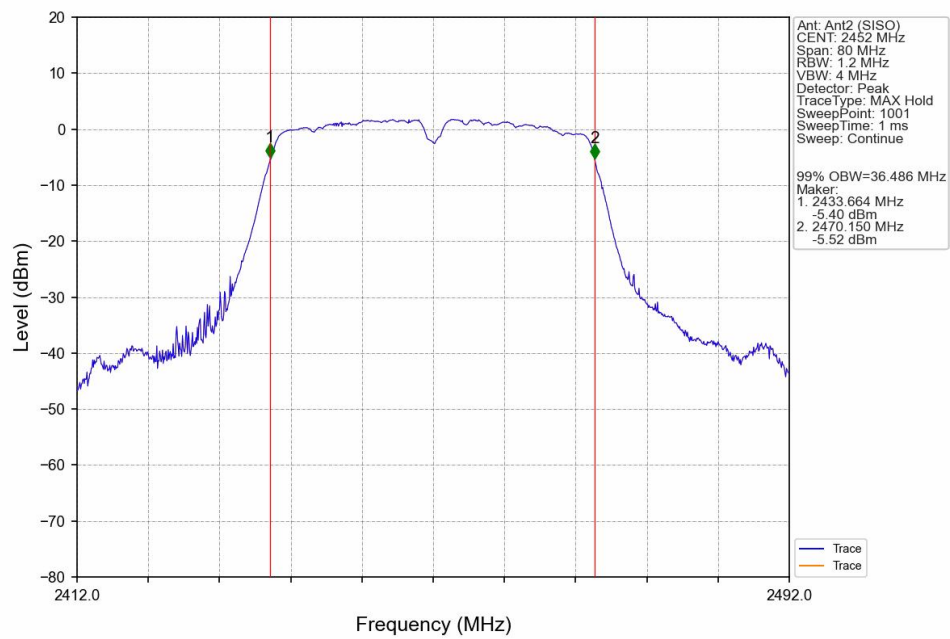
802.11n(HT40)_MCH_2437MHz_Ant2 (SISO)_NTNV



802.11n(HT40)_HCH_2452MHz_Ant1 (SISO)_NTNV

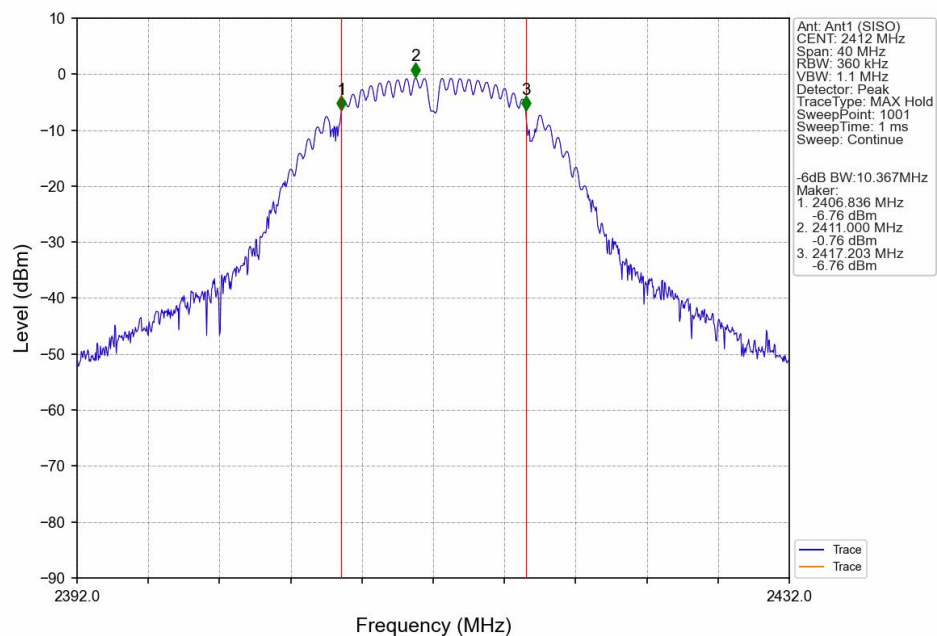


802.11n(HT40)_HCH_2452MHz_Ant2 (SISO)_NTNV

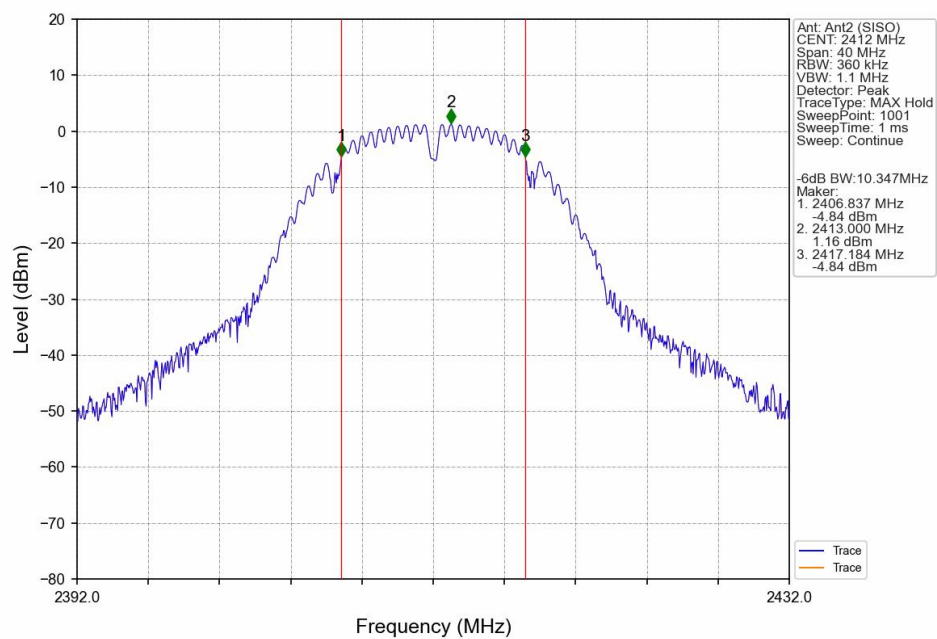


2.2.2 6dB BW

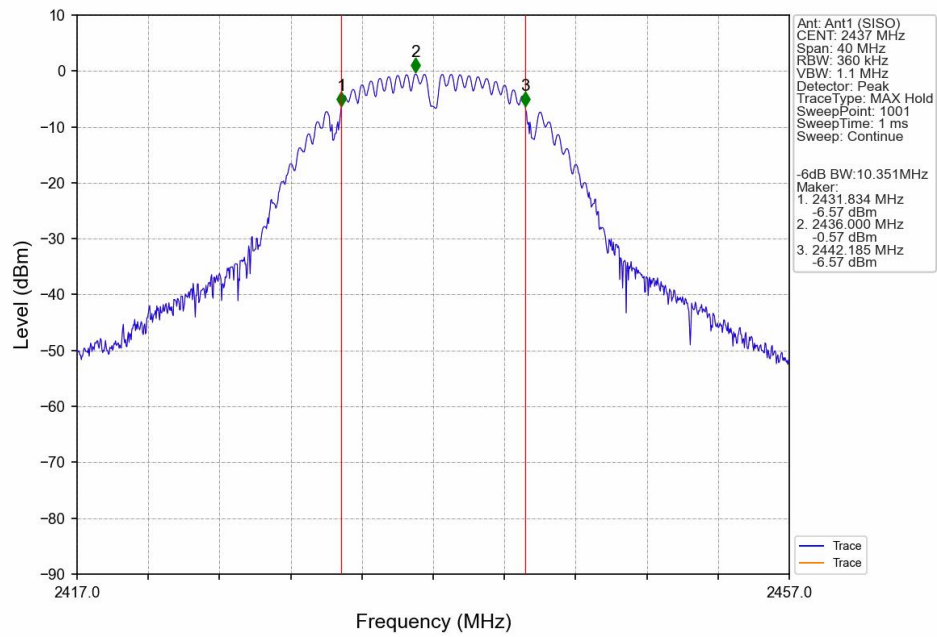
802.11b_LCH_2412MHz_Ant1 (SISO)_NTNV



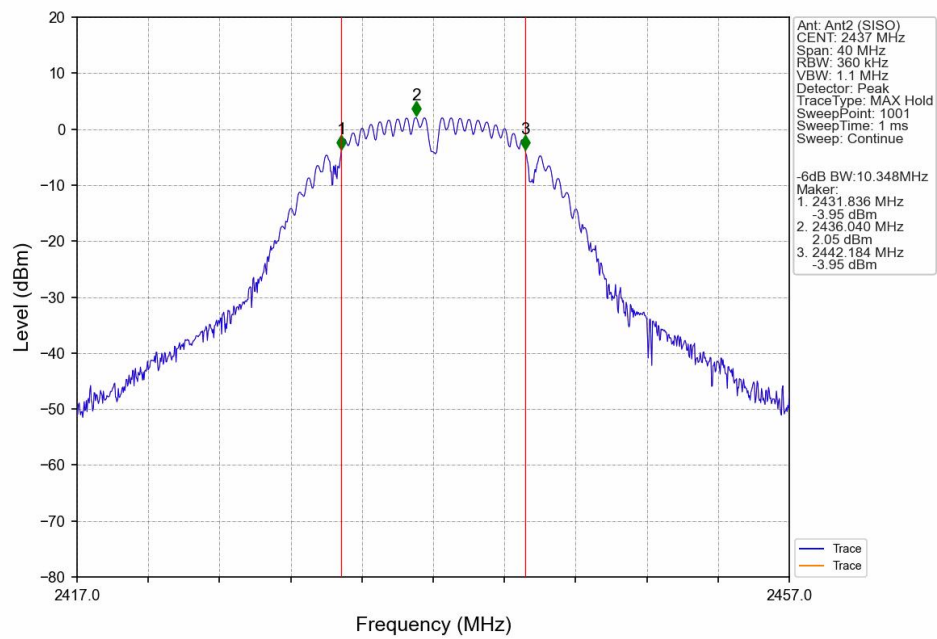
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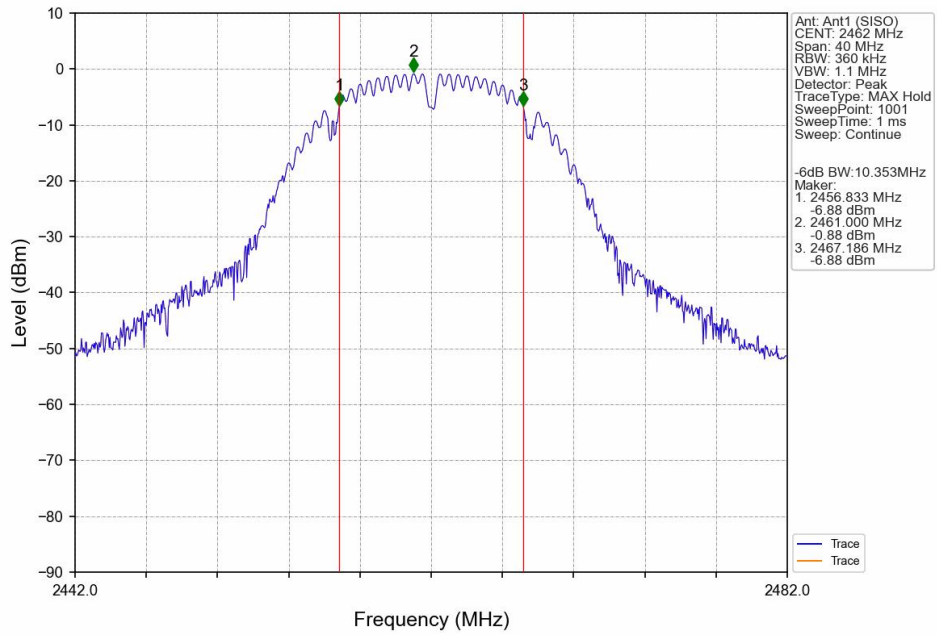
802.11b_MCH_2437MHz_Ant1 (SISO)_NTNV



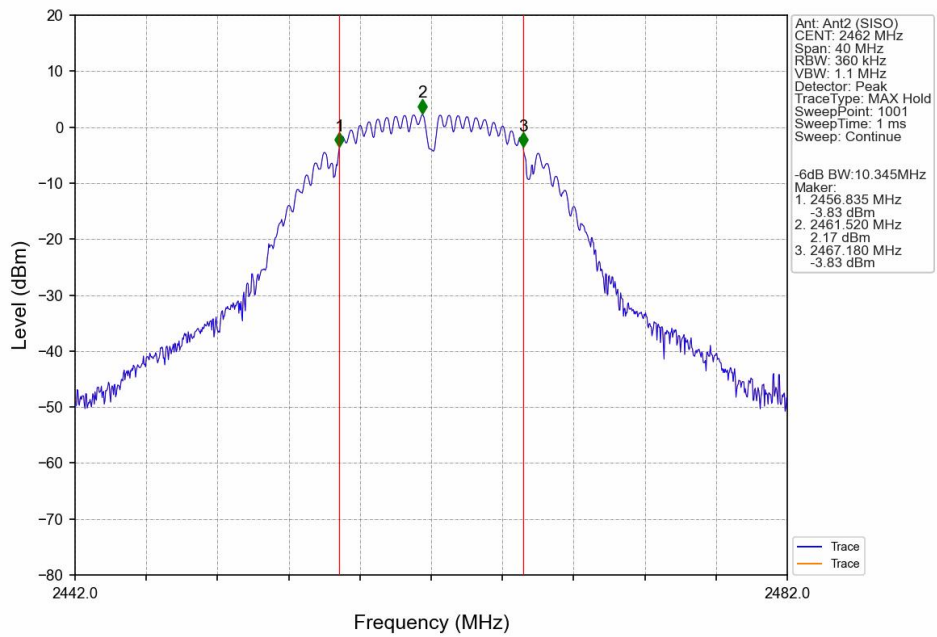
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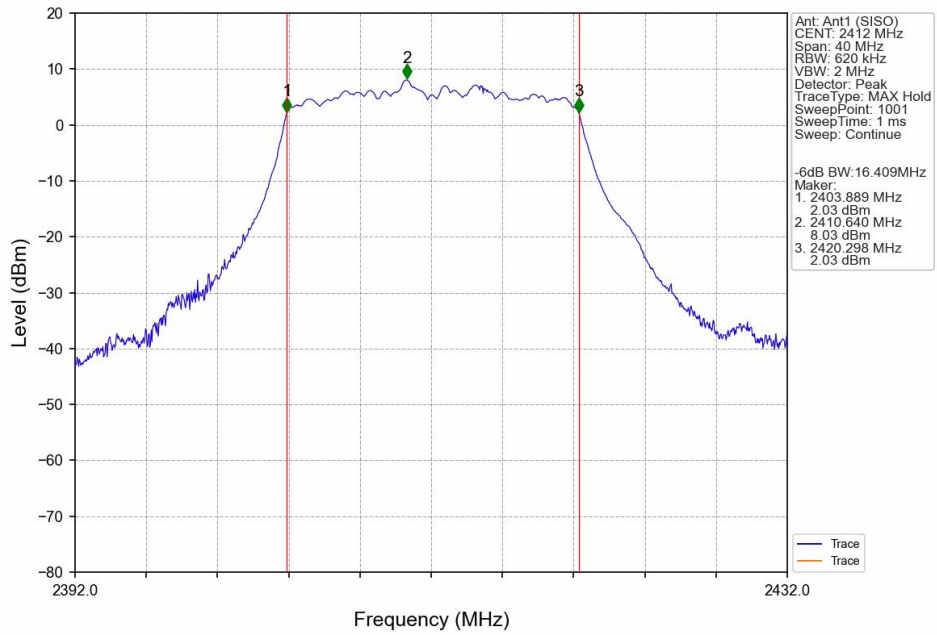
802.11b_HCH_2462MHz_Ant1 (SISO)_NTNV



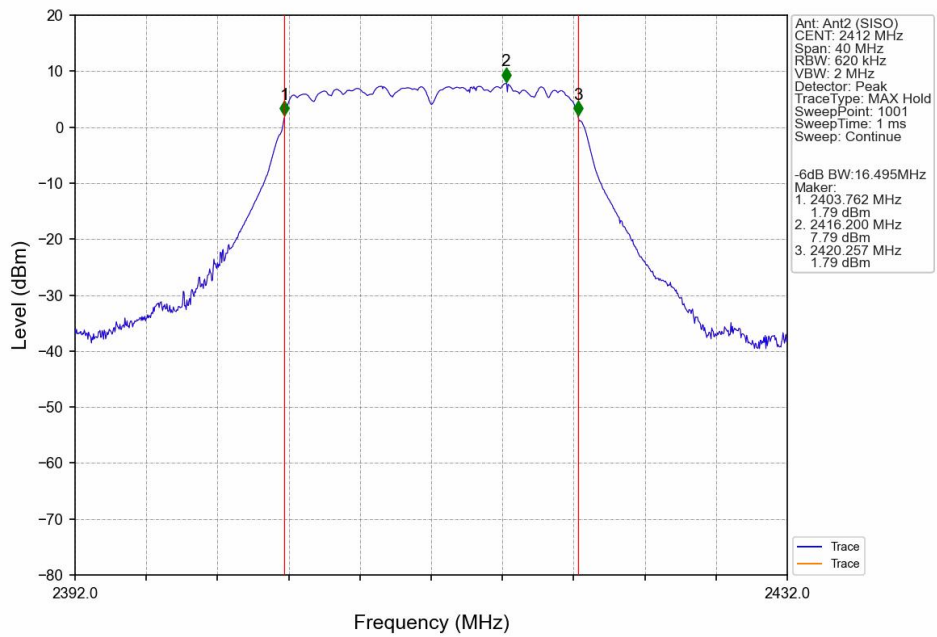
802.11b_HCH_2462MHz_Ant2 (SISO)_NTNV



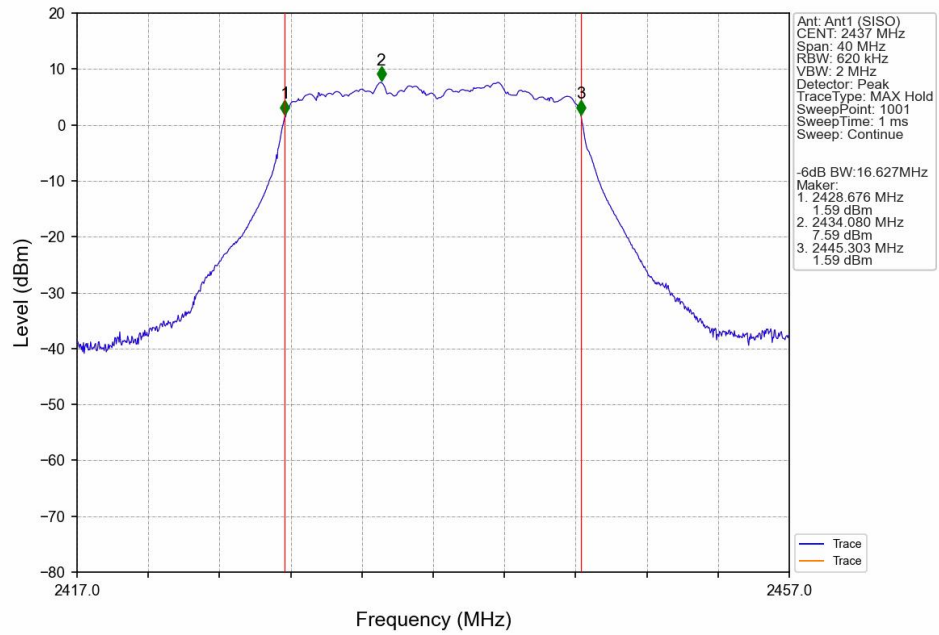
802.11g_LCH_2412MHz_Ant1 (SISO)_NTNV



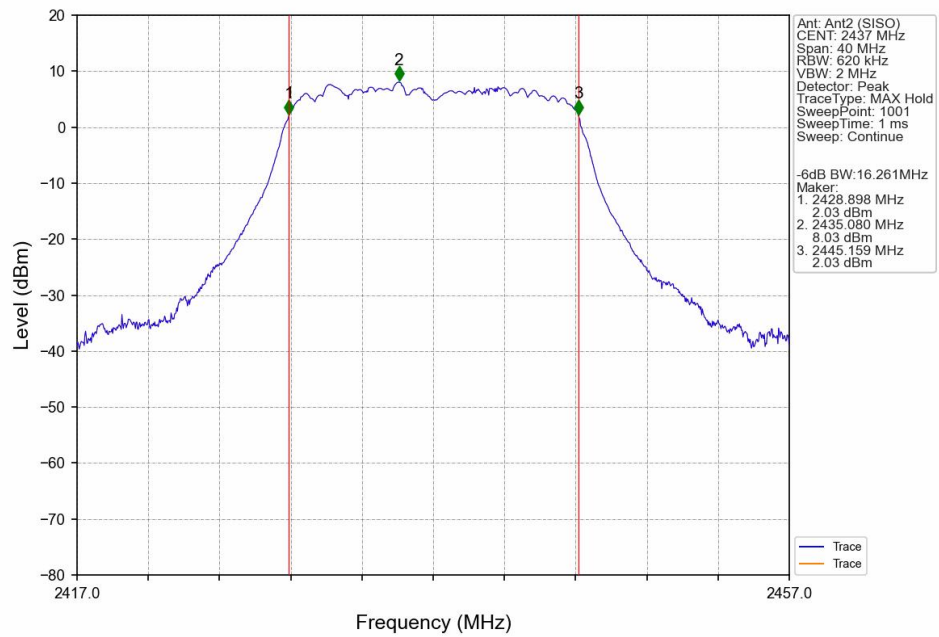
802.11g_LCH_2412MHz_Ant2 (SISO)_NTNV



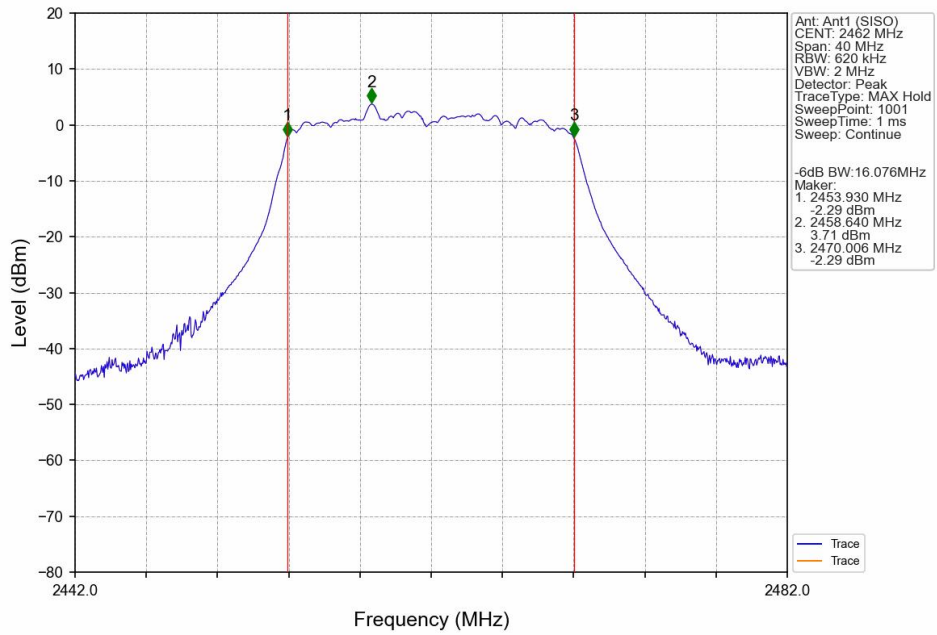
802.11g_MCH_2437MHz_Ant1 (SISO)_NTNV



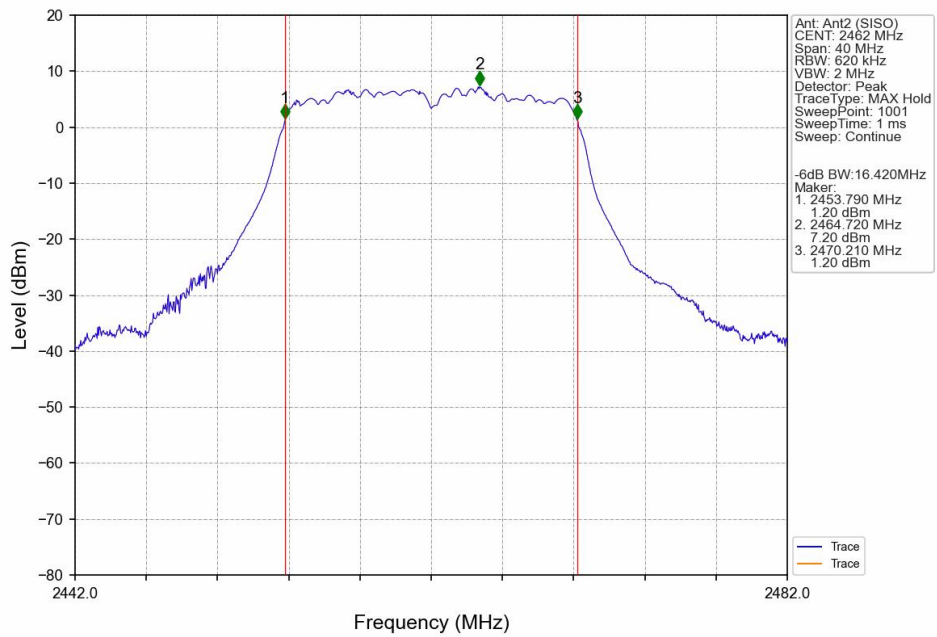
802.11g_MCH_2437MHz_Ant2 (SISO)_NTNV



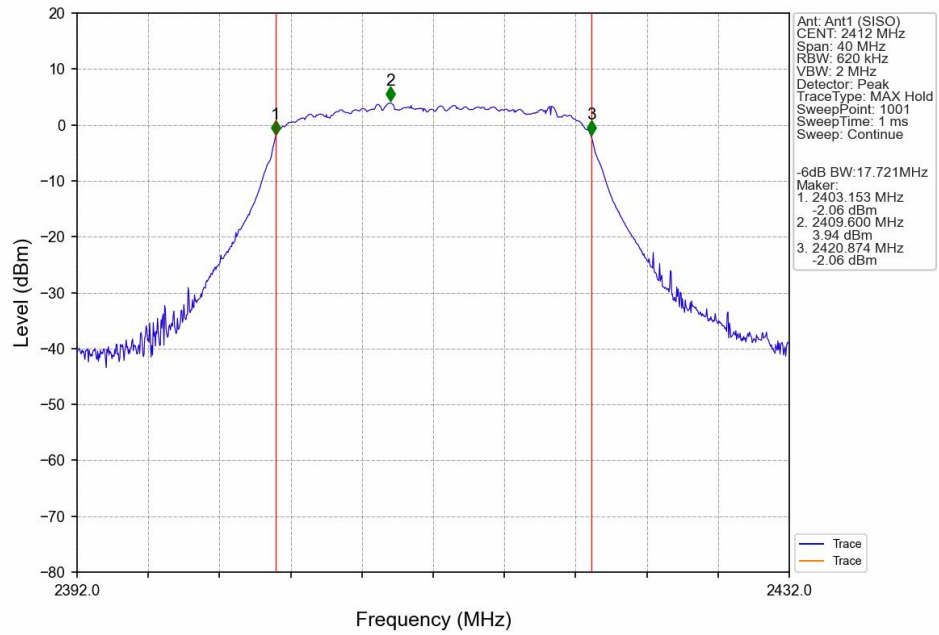
802.11g_HCH_2462MHz_Ant1 (SISO)_NTNV



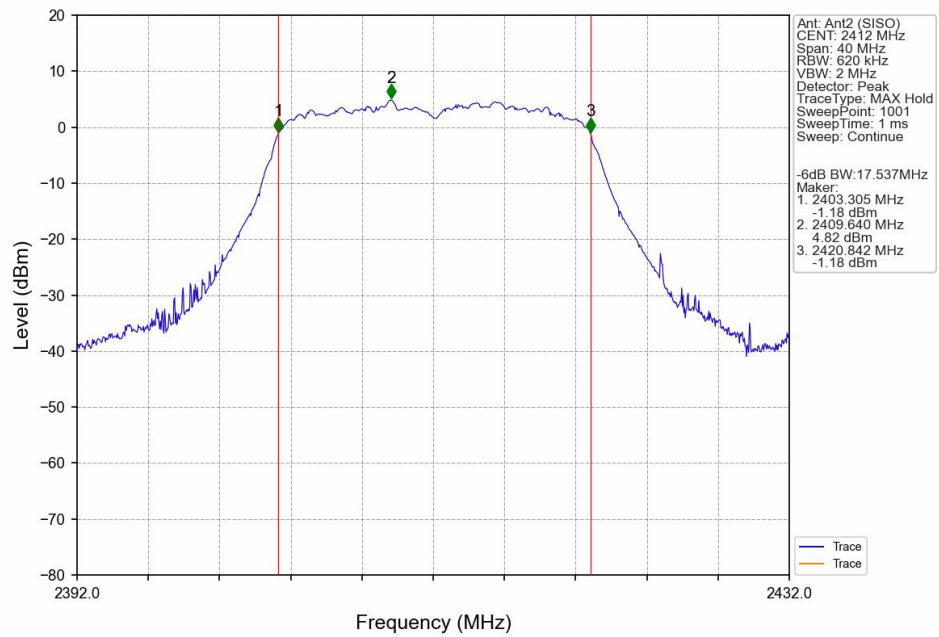
802.11g_HCH_2462MHz_Ant2 (SISO)_NTNV



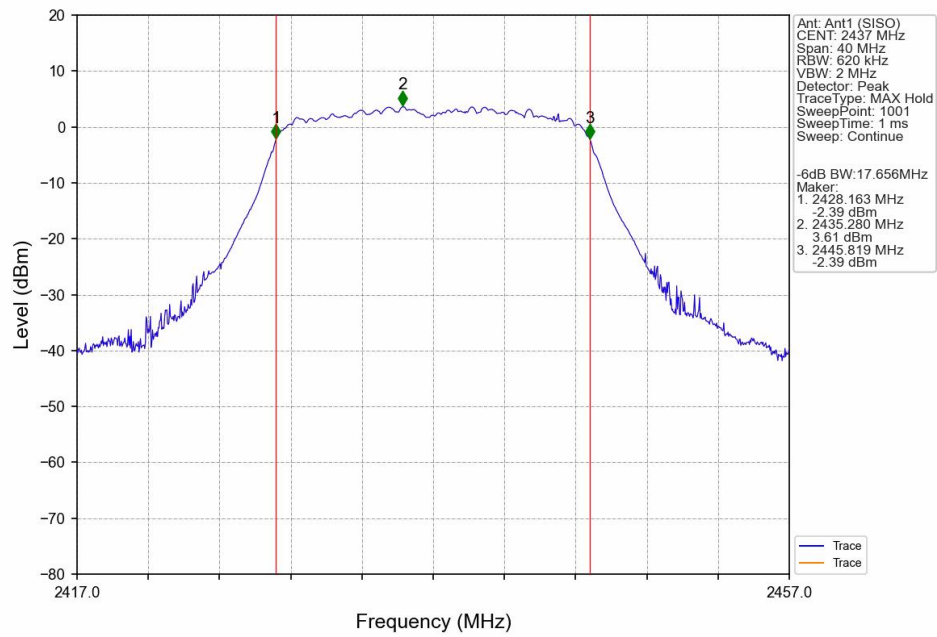
802.11n(HT20)_LCH_2412MHz_Ant1 (SISO)_NTNV



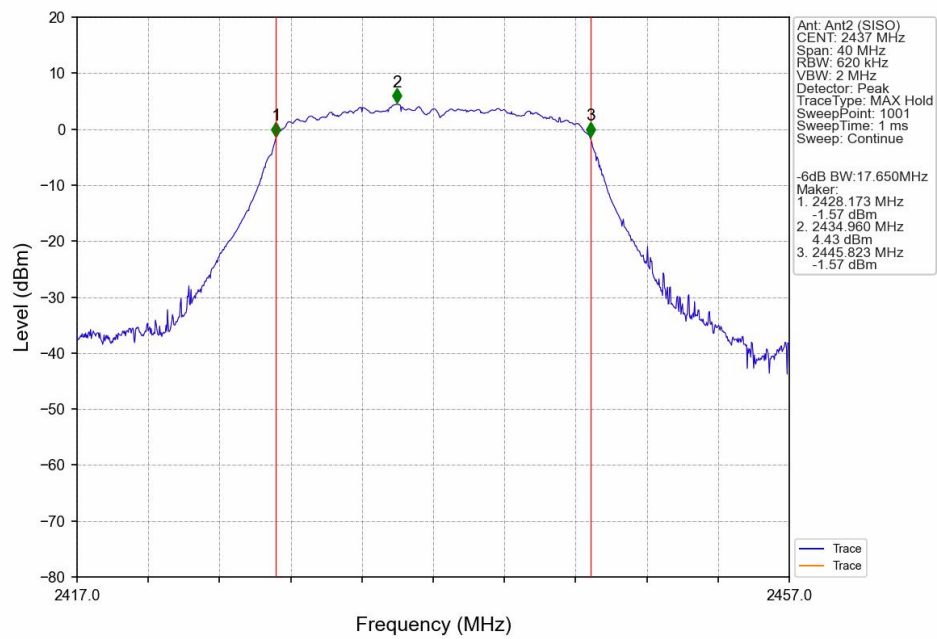
802.11n(HT20)_LCH_2412MHz_Ant2 (SISO)_NTNV



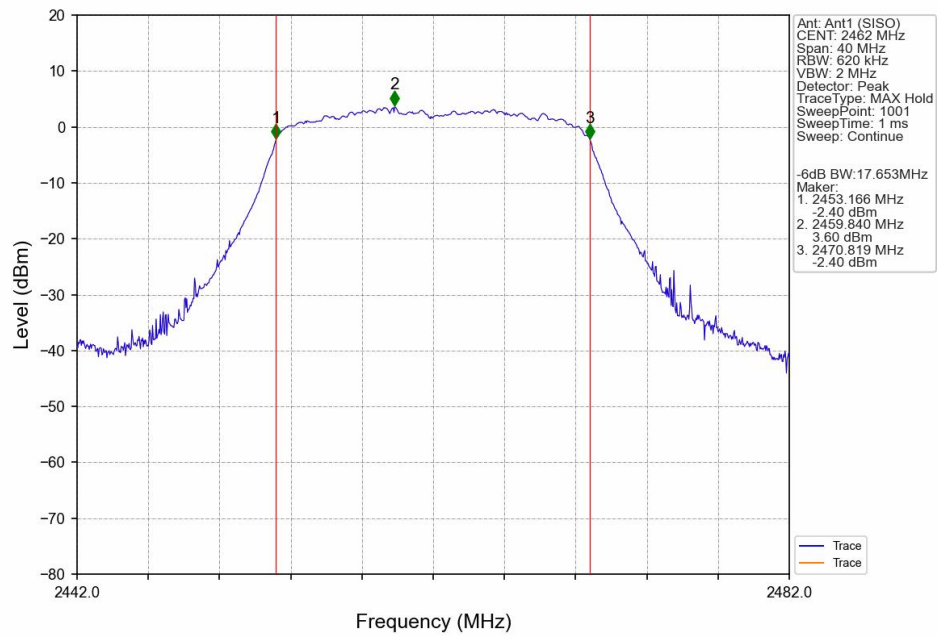
802.11n(HT20)_MCH_2437MHz_Ant1 (SISO)_NTNV



802.11n(HT20)_MCH_2437MHz_Ant2 (SISO)_NTNV



802.11n(HT20)_HCH_2462MHz_Ant1 (SISO)_NTNV



802.11n(HT20)_HCH_2462MHz_Ant2 (SISO)_NTNV

