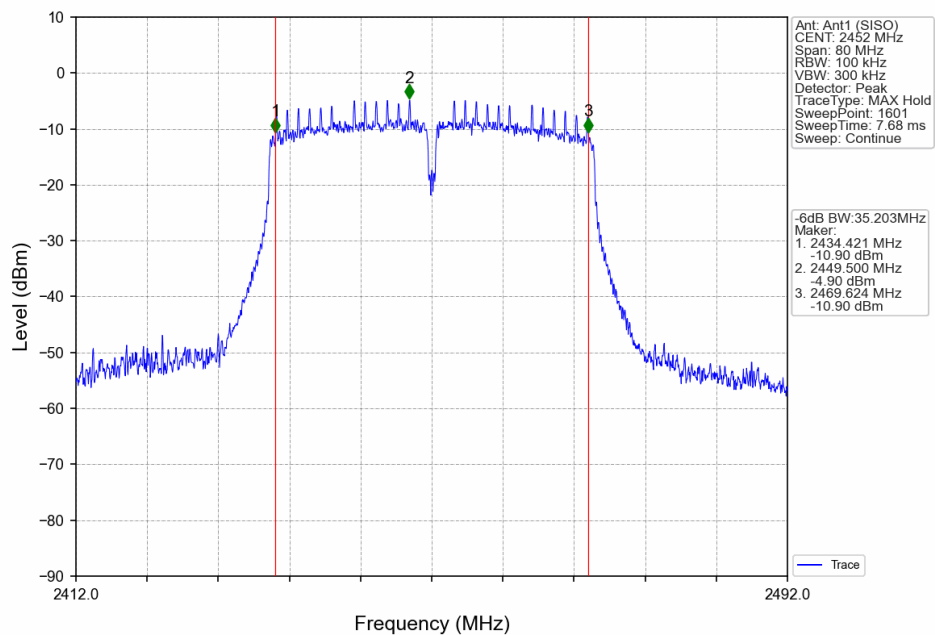
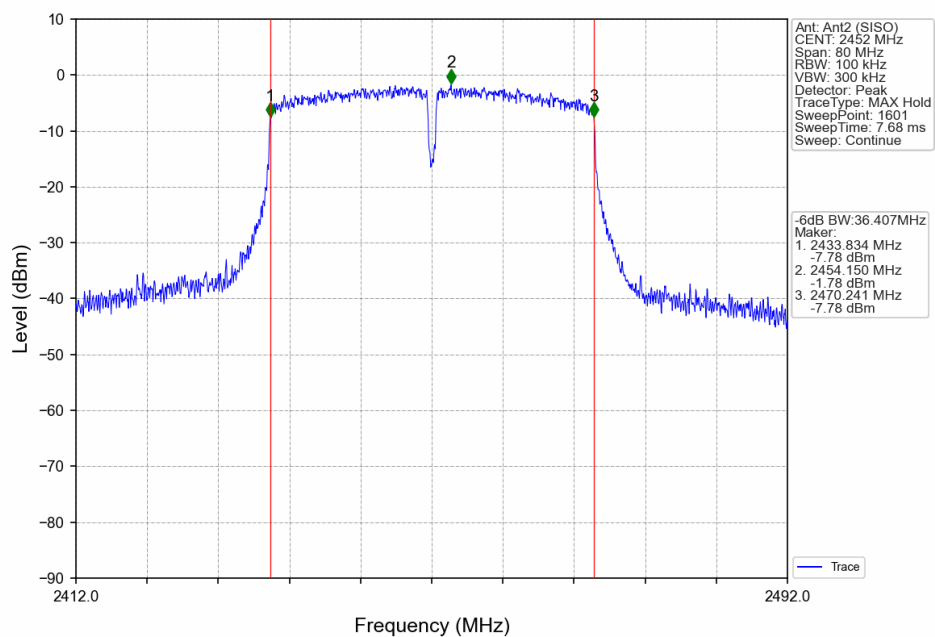


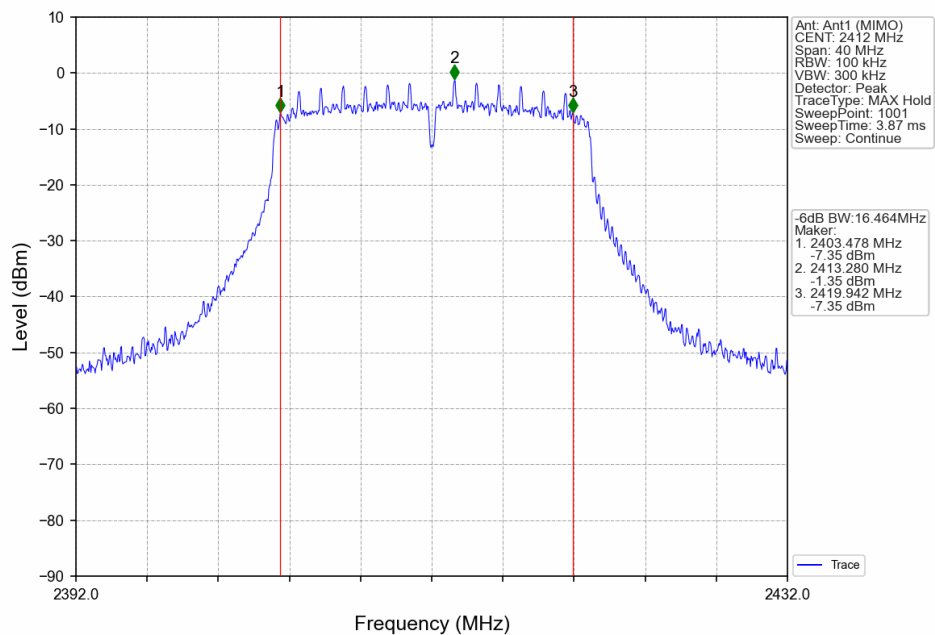
802.11n(HT40)_HCH_2452MHz_Ant1 (SISO)_NTNV



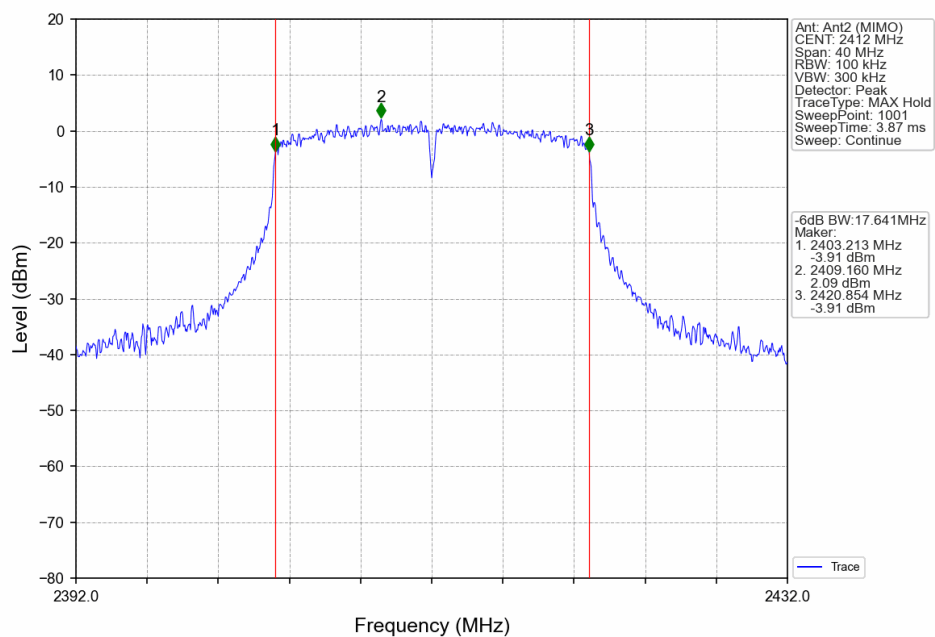
802.11n(HT40)_HCH_2452MHz_Ant2 (SISO)_NTNV



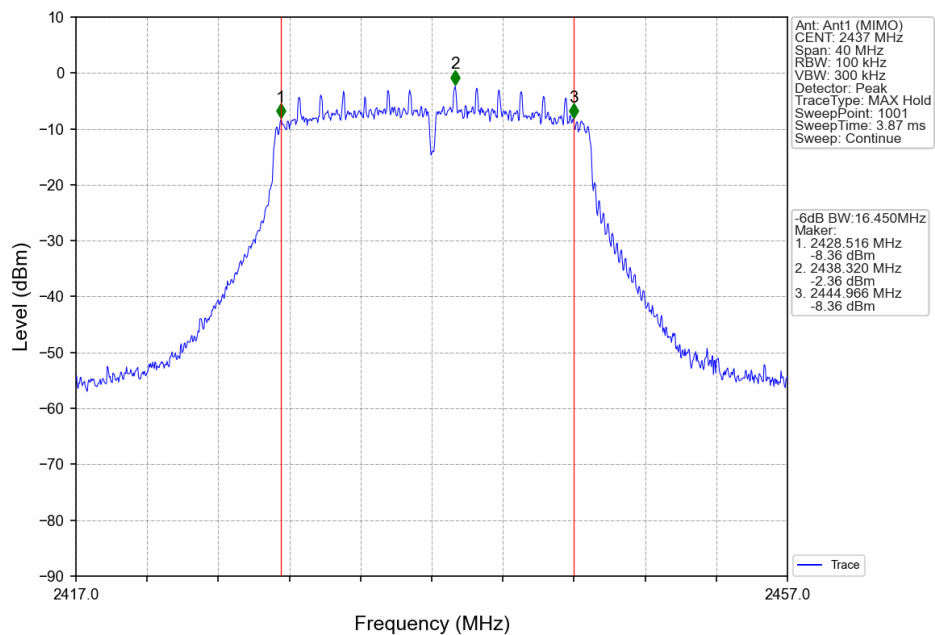
802.11n(HT20)_LCH_2412MHz_Ant1 (MIMO)_NTNV



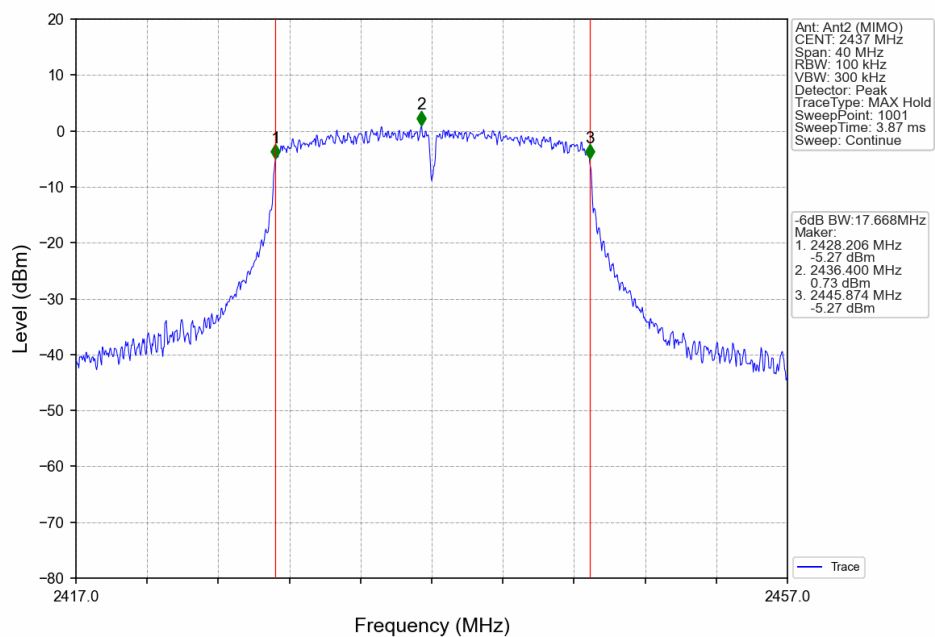
802.11n(HT20)_LCH_2412MHz_Ant2 (MIMO)_NTNV



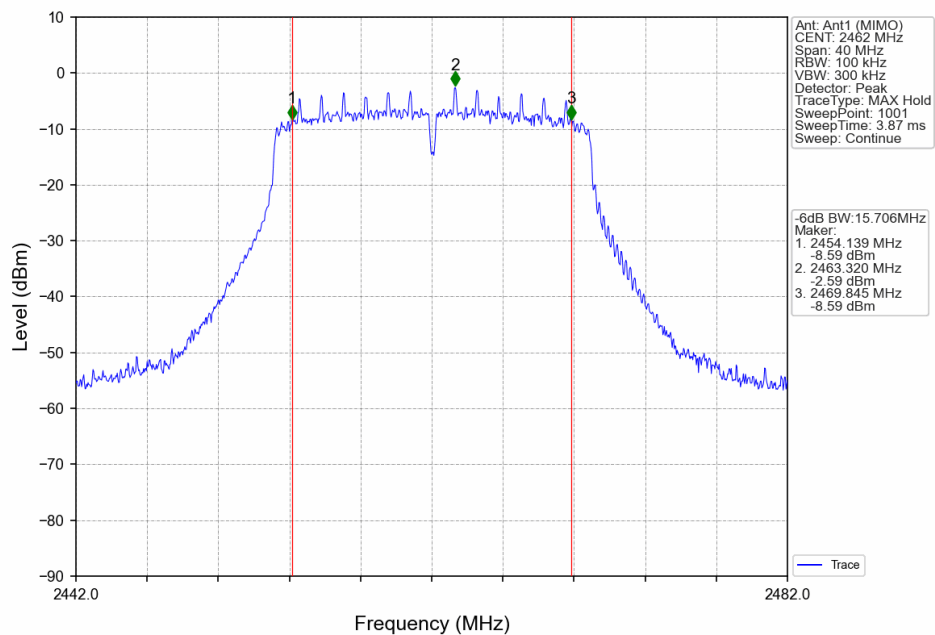
802.11n(HT20)_MCH_2437MHz_Ant1 (MIMO)_NTNV



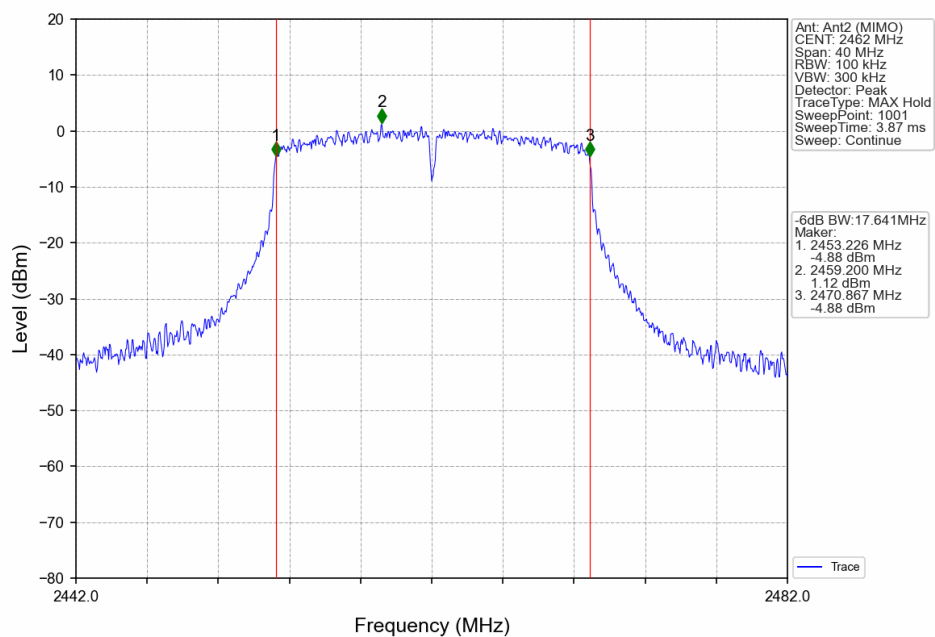
802.11n(HT20)_MCH_2437MHz_Ant2 (MIMO)_NTNV



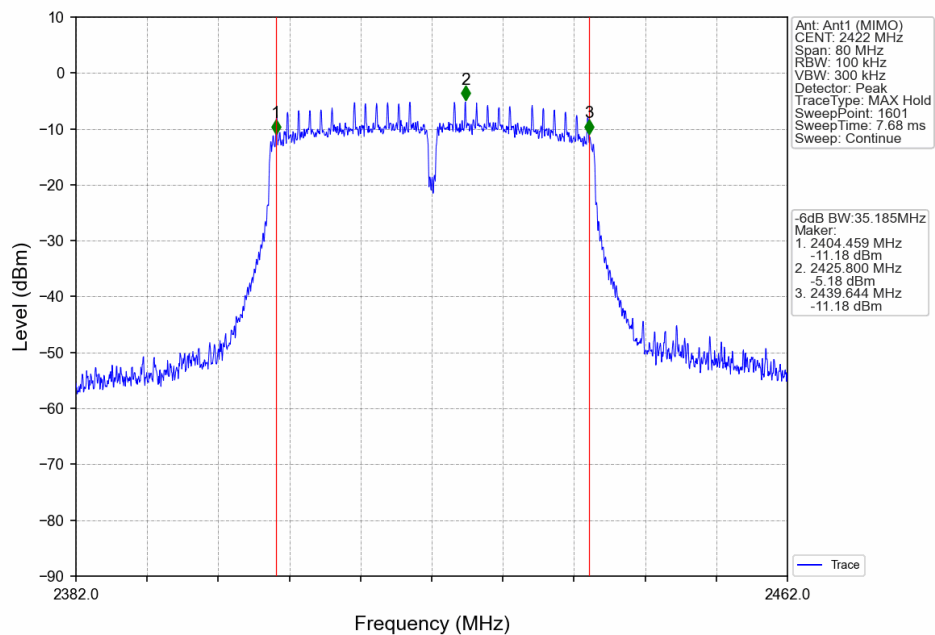
802.11n(HT20)_HCH_2462MHz_Ant1 (MIMO)_NTNV



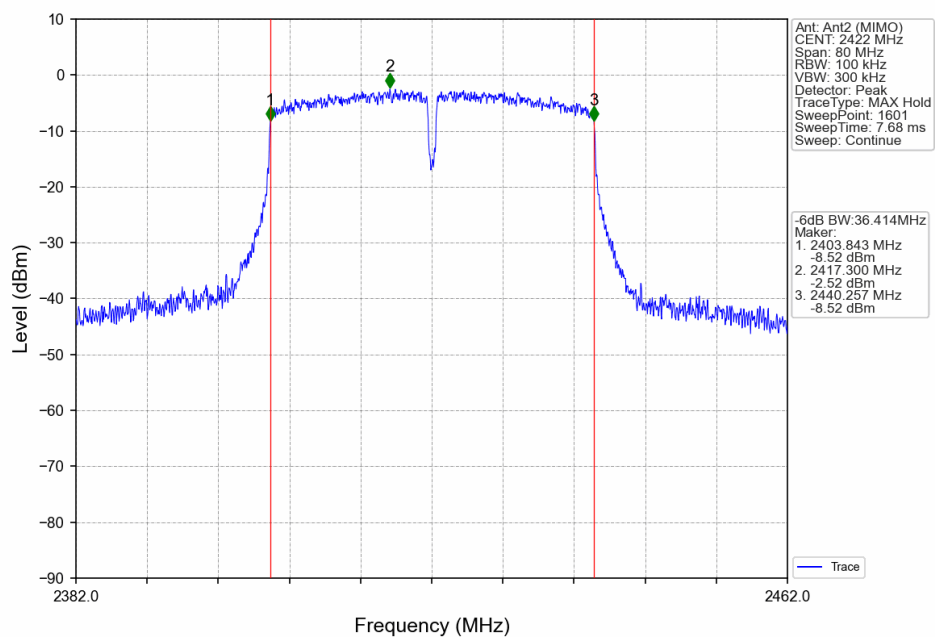
802.11n(HT20)_HCH_2462MHz_Ant2 (MIMO)_NTNV



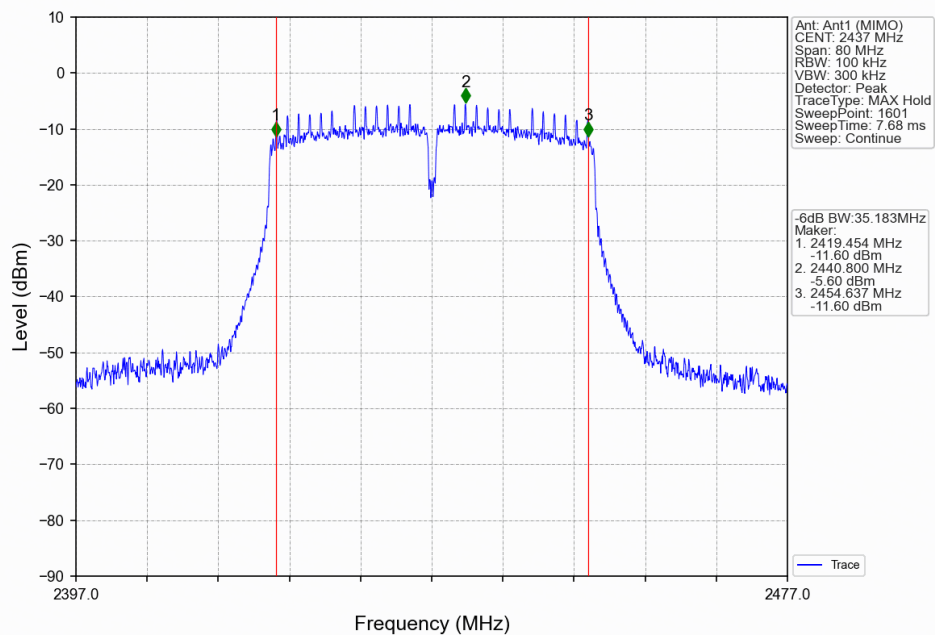
802.11n(HT40)_LCH_2422MHz_Ant1 (MIMO)_NTNV



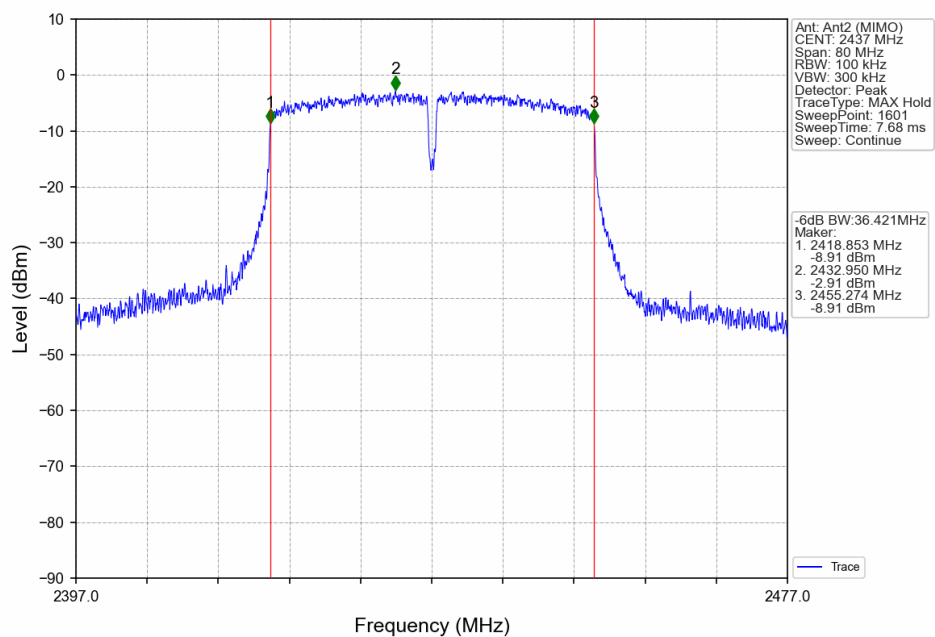
802.11n(HT40)_LCH_2422MHz_Ant2 (MIMO)_NTNV



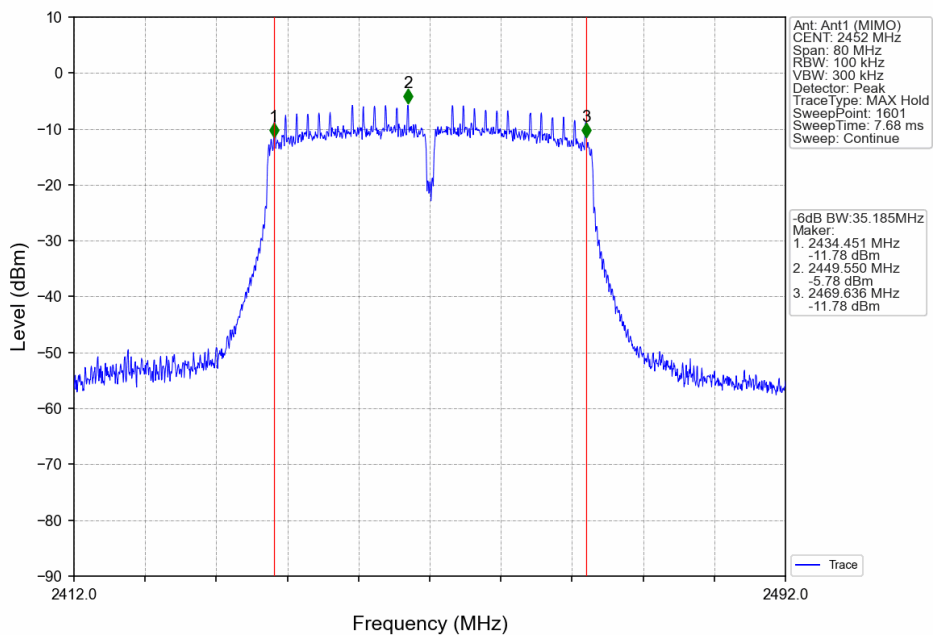
802.11n(HT40)_MCH_2437MHz_Ant1 (MIMO)_NTNV



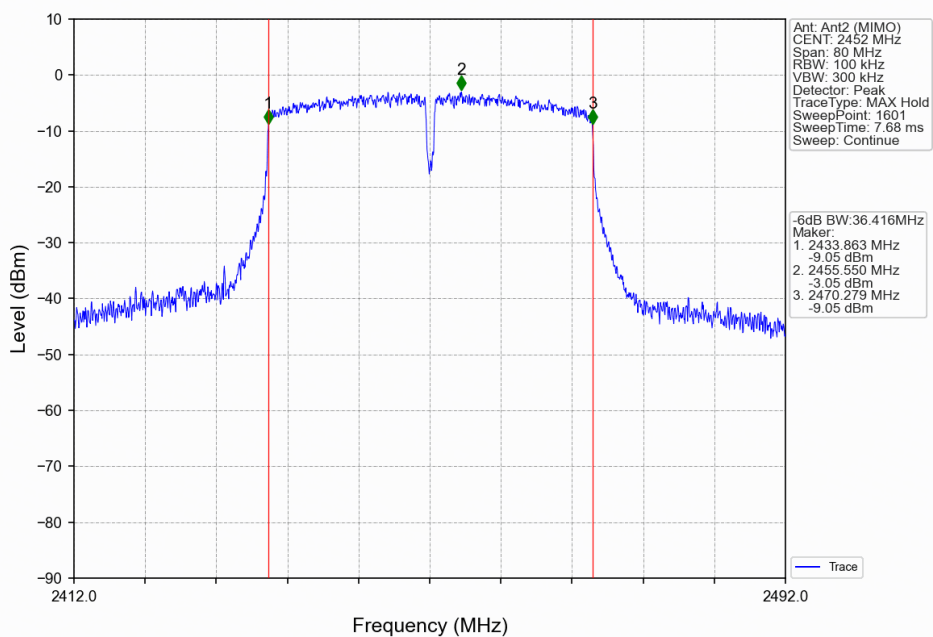
802.11n(HT40)_MCH_2437MHz_Ant2 (MIMO)_NTNV



802.11n(HT40) HCH_2452MHz_Ant1 (MIMO)_NTNV



802.11n(HT40) HCH_2452MHz_Ant2 (MIMO)_NTNV



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	ANT2	MIMO	Limit	
802.11b	SISO	2412	16.65	21.78	/	<=30	Pass
		2437	15.84	17.53	/	<=30	Pass
		2462	15.79	15.18	/	<=30	Pass
802.11g	SISO	2412	20.49	20.63	/	<=30	Pass
		2437	19.85	20.08	/	<=30	Pass
		2462	19.43	19.51	/	<=30	Pass
802.11n (HT20)	SISO	2412	17.02	16.41	/	<=30	Pass
		2437	16.38	15.87	/	<=30	Pass
		2462	16.13	16.07	/	<=30	Pass
802.11n (HT40)	SISO	2422	17.38	17.36	/	<=30	Pass
		2437	16.76	16.91	/	<=30	Pass
		2452	16.63	16.70	/	<=30	Pass
802.11n (HT20)	MIMO	2412	16.66	15.47	19.12	<=30	Pass
		2437	15.69	14.83	18.29	<=30	Pass
		2462	15.26	14.50	17.91	<=30	Pass
802.11n (HT40)	MIMO	2422	16.39	16.07	19.24	<=30	Pass
		2437	15.86	15.57	18.73	<=30	Pass
		2452	15.72	15.20	18.48	<=30	Pass

Note1: Antenna Gain: Ant1: 1.82dBi; Ant2: 1.82dBi;
Note2: Directional Gain: correlated(Directional Gain = $G_{ANT}+10*\log(N_{ANT})=4.83\text{dBi}$)

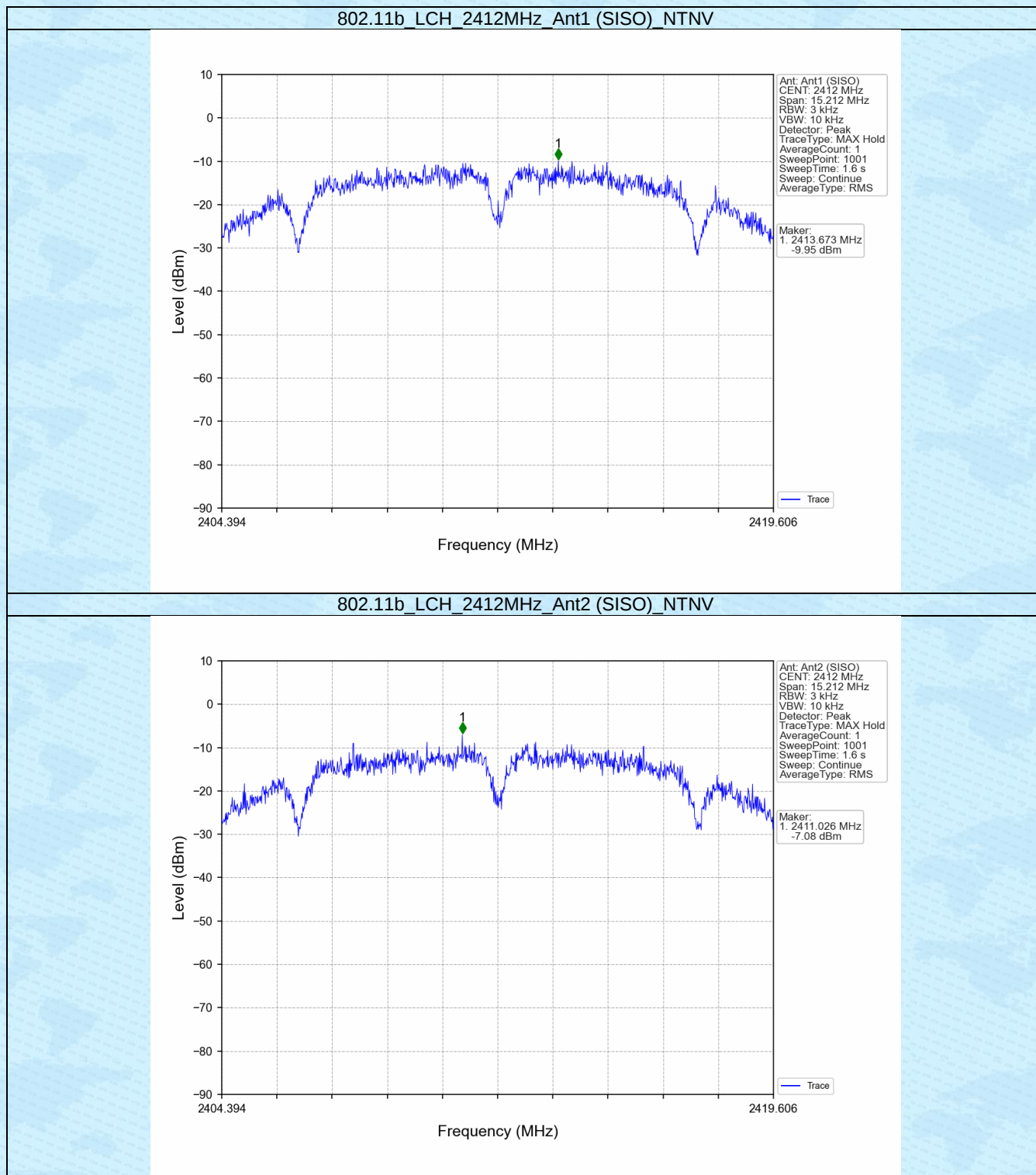
4. Maximum Power Spectral Density

4.1 PSD

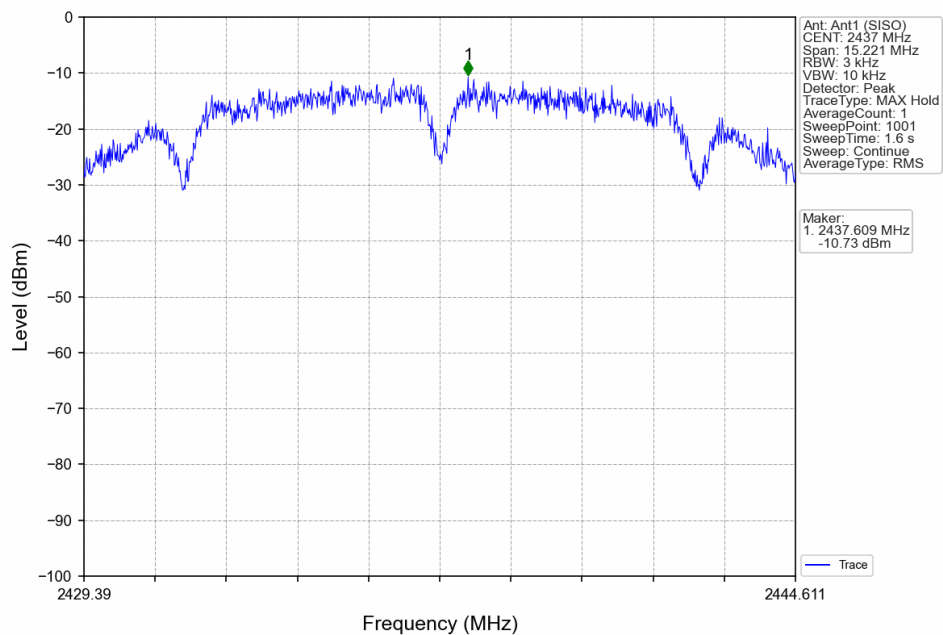
4.1.1 Test Result

Mode	TX Type	Frequency (MHz)	Maximum PSD (dBm/3kHz)				Verdict
			ANT1	ANT2	MIMO	Limit	
802.11b	SISO	2412	-9.95	-7.08	/	<=8	Pass
		2437	-10.73	-9.54	/	<=8	Pass
		2462	-10.66	-11.94	/	<=8	Pass
802.11g	SISO	2412	-12.53	-12.47	/	<=8	Pass
		2437	-13.59	-12.82	/	<=8	Pass
		2462	-13.66	-13.59	/	<=8	Pass
802.11n (HT20)	SISO	2412	-16.70	-17.32	/	<=8	Pass
		2437	-16.81	-16.80	/	<=8	Pass
		2462	-16.29	-16.28	/	<=8	Pass
802.11n (HT40)	SISO	2422	-18.45	-17.64	/	<=8	Pass
		2437	-18.07	-19.03	/	<=8	Pass
		2452	-19.51	-18.15	/	<=8	Pass
802.11n (HT20)	MIMO	2412	-17.08	-17.67	-14.94	<=8	Pass
		2437	-17.66	-18.24	-15.75	<=8	Pass
		2462	-17.90	-18.19	-15.22	<=8	Pass
802.11n (HT40)	MIMO	2422	-18.45	-19.62	-16.08	<=8	Pass
		2437	-19.12	-19.29	-16.19	<=8	Pass
		2452	-20.10	-20.31	-17.21	<=8	Pass
Note1: Antenna Gain: Ant1: 1.82dBi; Ant2: 1.82dBi;							
Note2: Directional Gain: correlated/Directional Gain = $G_{ANT}+10*\log(N_{ANT})=4.83\text{dBi}$							

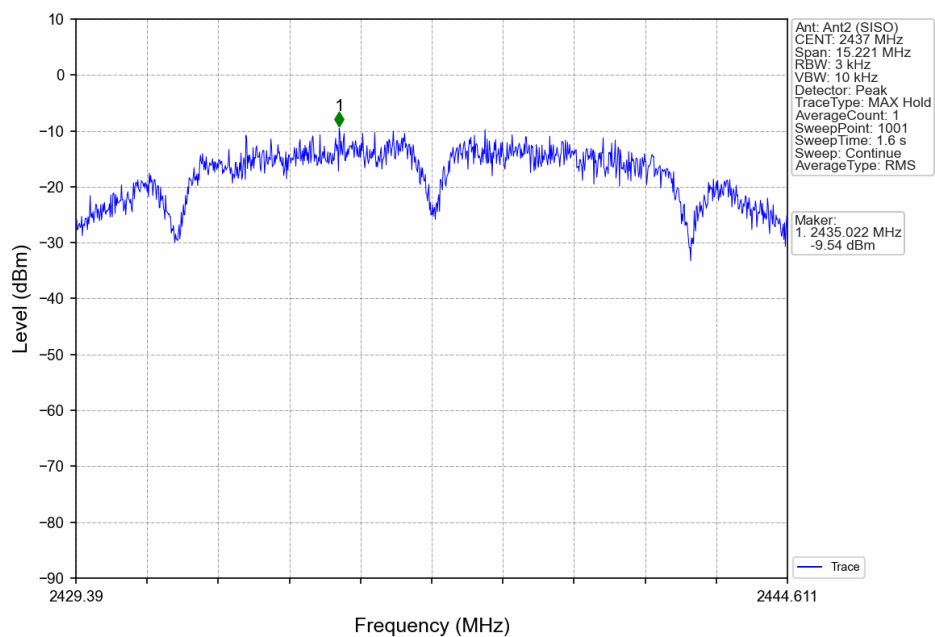
4.1.2 Test Graph



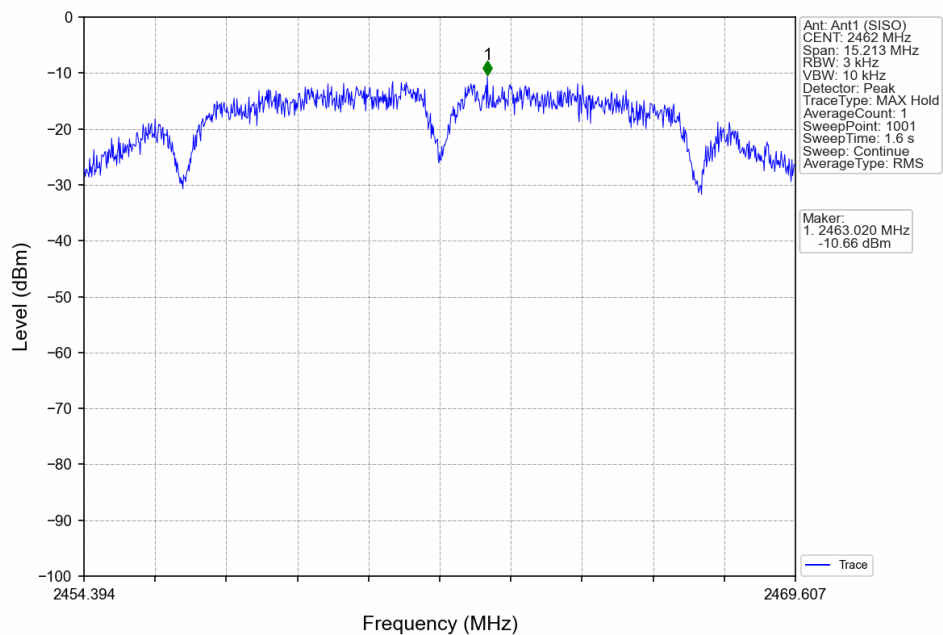
802.11b_MCH_2437MHz_Ant1 (SISO)_NTNV



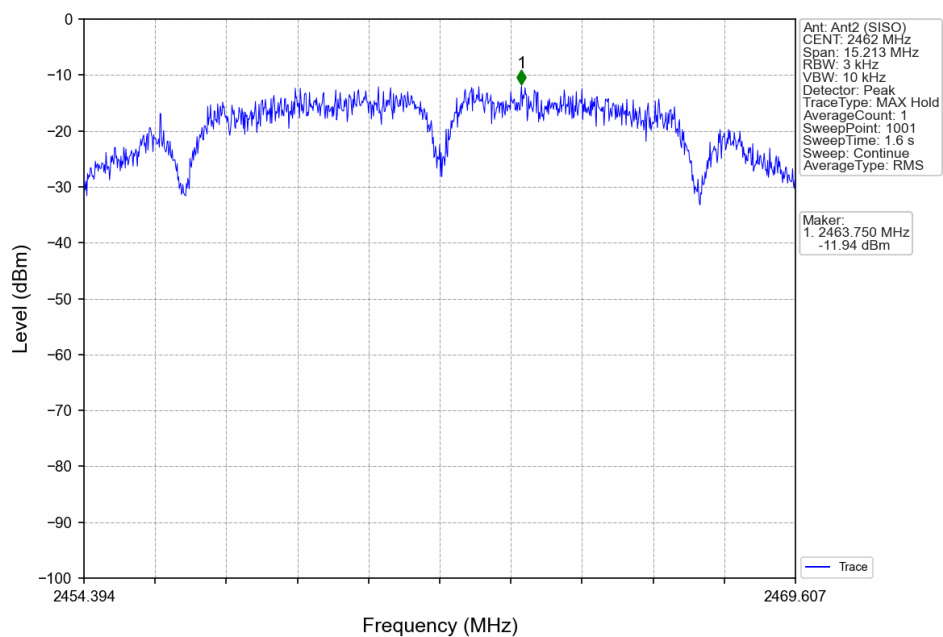
802.11b_MCH_2437MHz_Ant2 (SISO)_NTNV



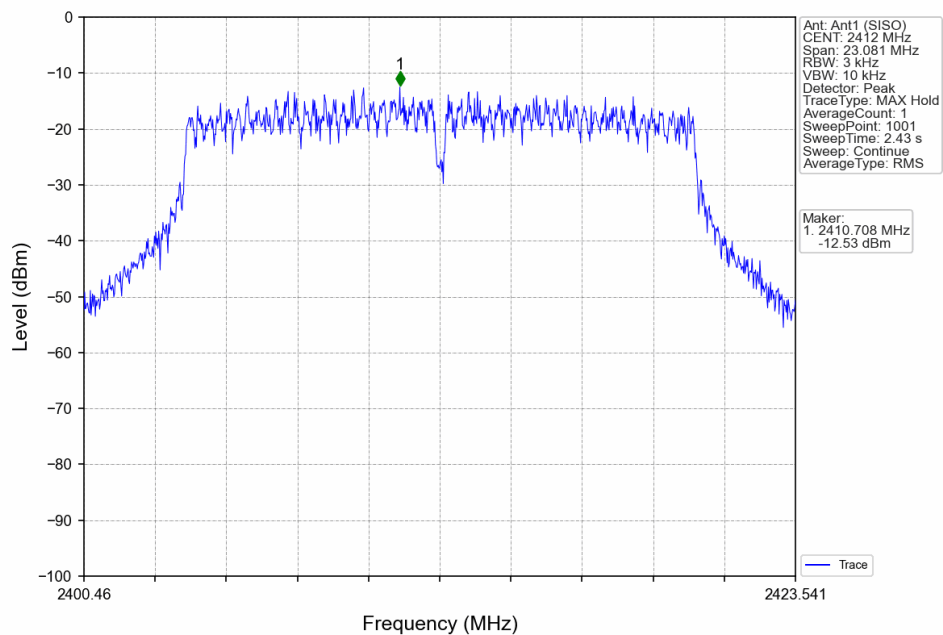
802.11b_HCH_2462MHz_Ant1 (SISO)_NTNV



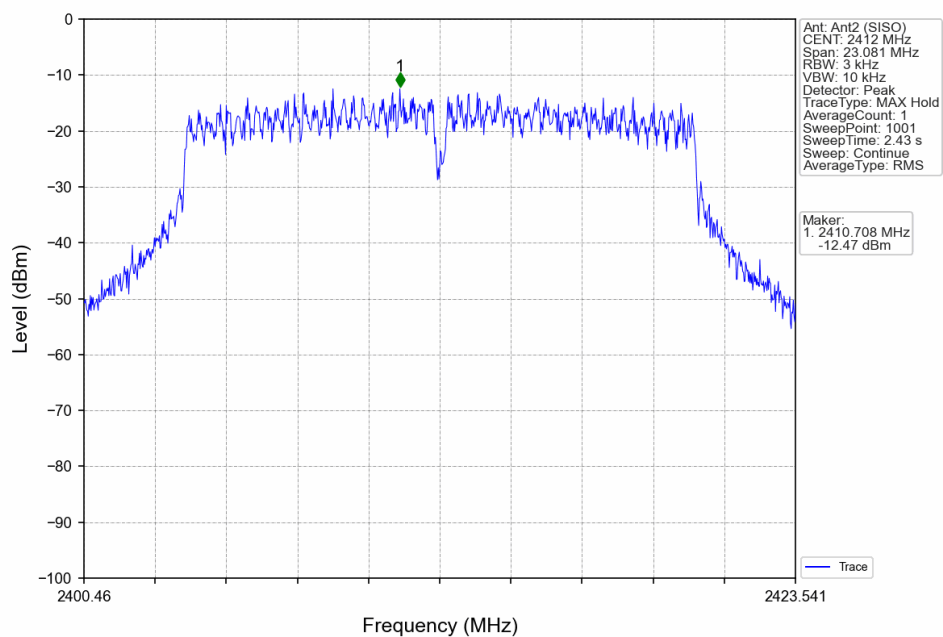
802.11b_HCH_2462MHz_Ant2 (SISO)_NTNV



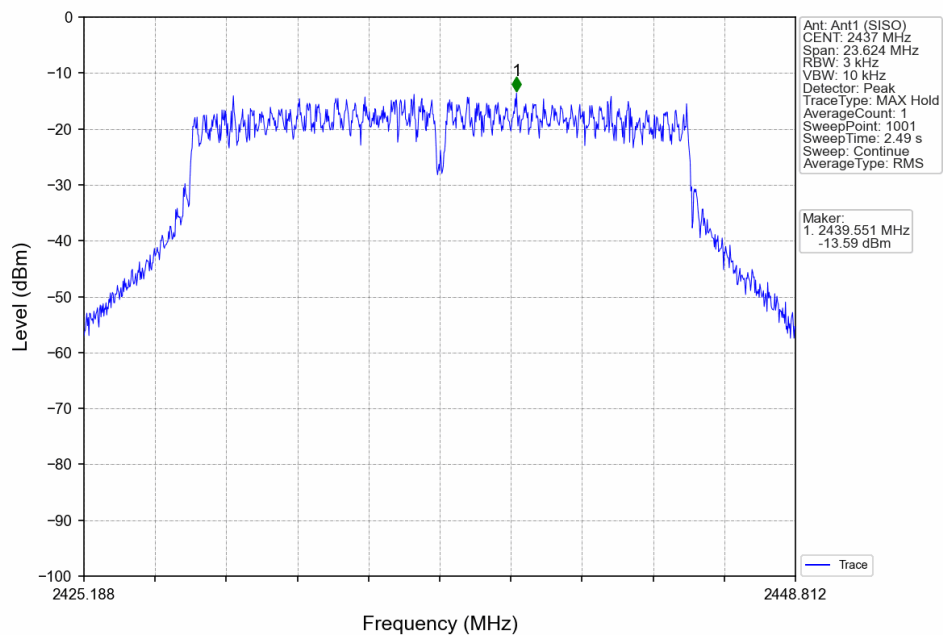
802.11g_LCH_2412MHz_Ant1 (SISO) NTN



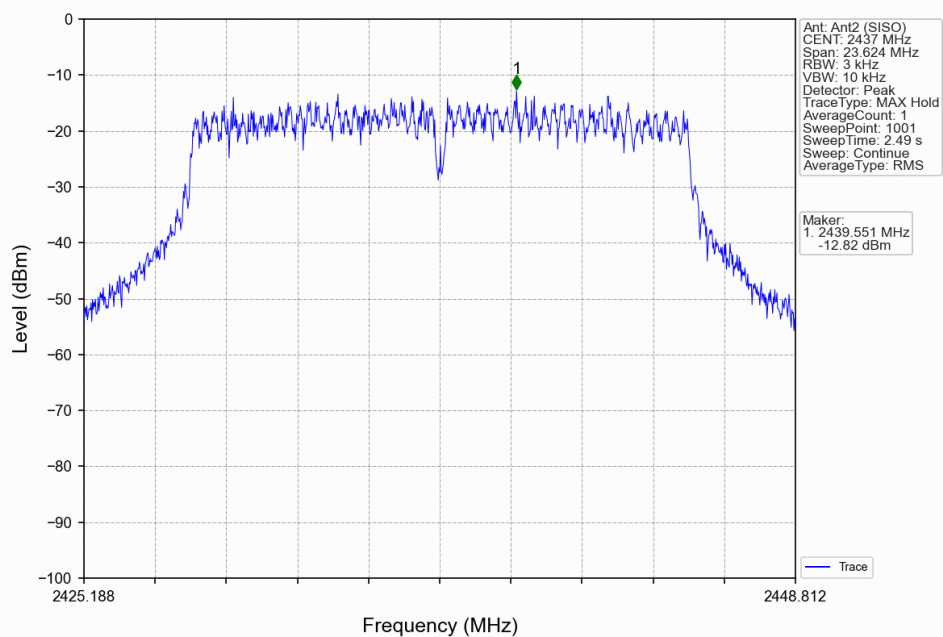
802.11g_LCH_2412MHz_Ant2 (SISO) NTN



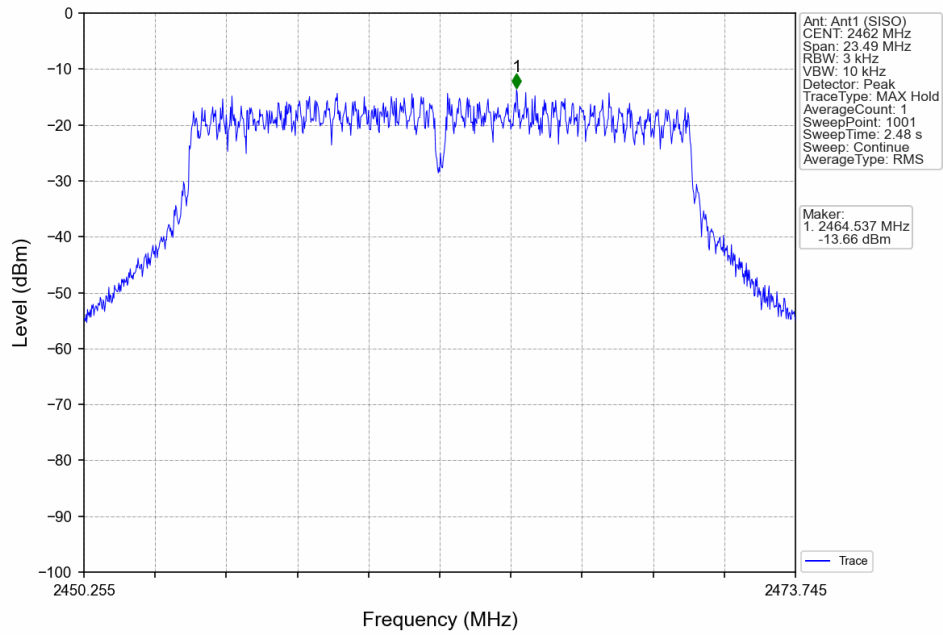
802.11g_MCH_2437MHz_Ant1 (SISO)_NTNV



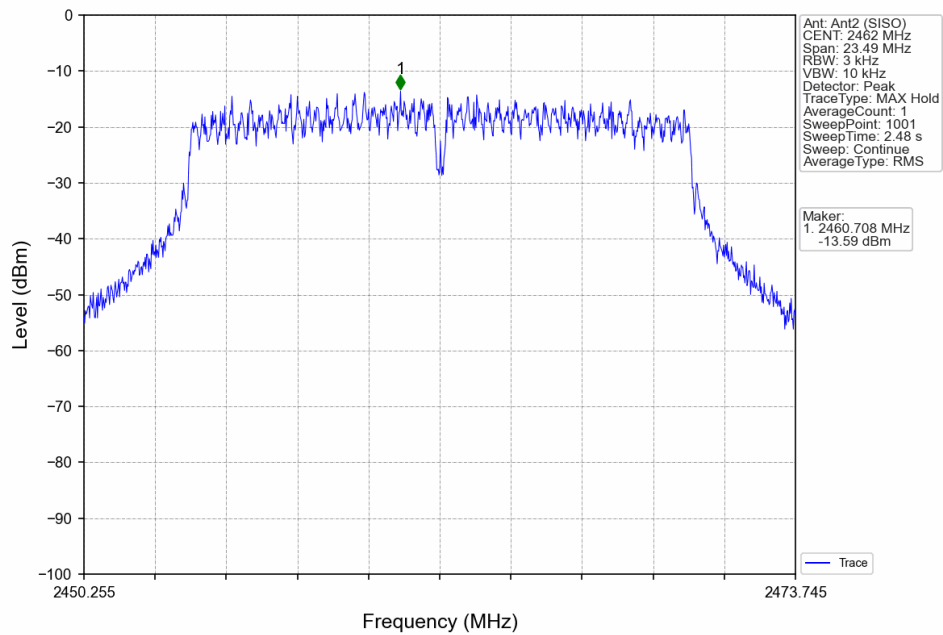
802.11g_MCH_2437MHz_Ant2 (SISO)_NTNV



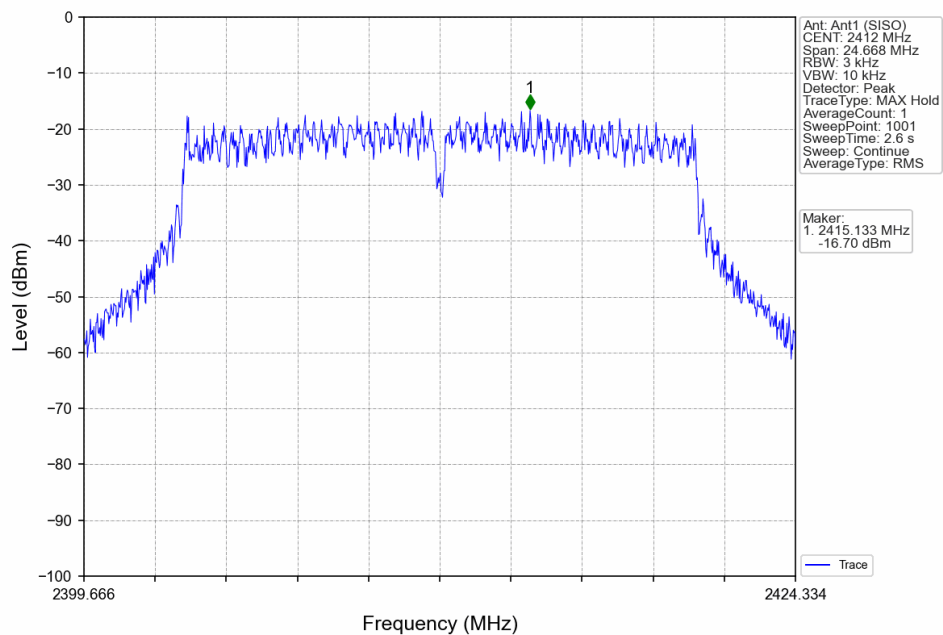
802.11g_HCH_2462MHz_Ant1 (SISO)_NTNV



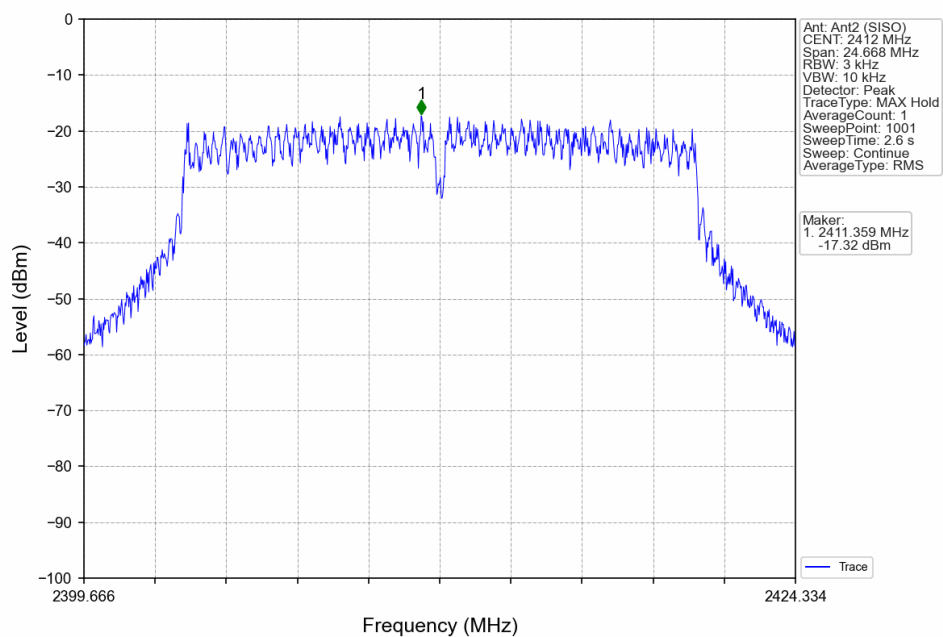
802.11g_HCH_2462MHz_Ant2 (SISO)_NTNV



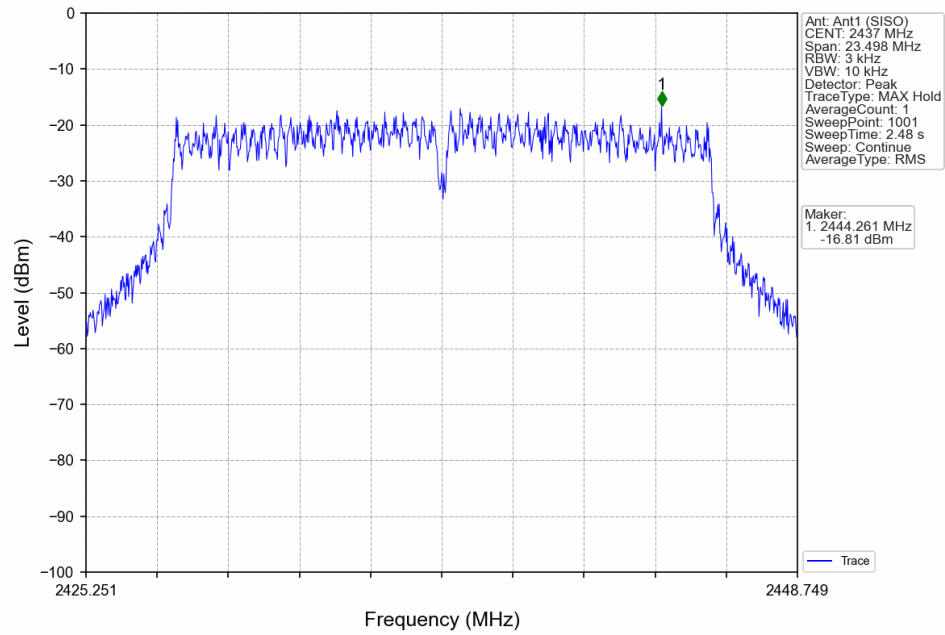
802.11n(HT20)_LCH_2412MHz_Ant1 (SISO)_NTNV



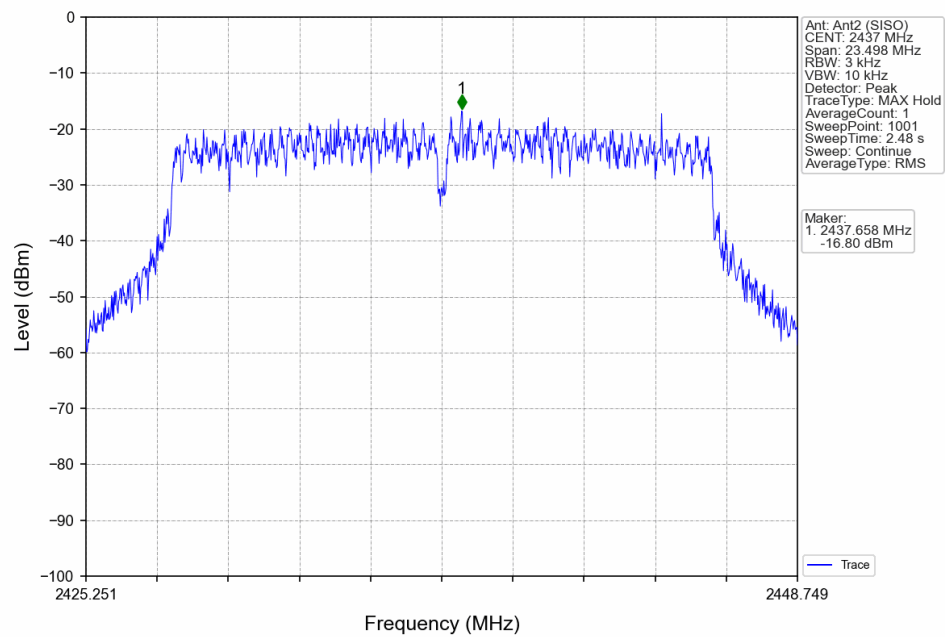
802.11n(HT20)_LCH_2412MHz_Ant2 (SISO)_NTNV



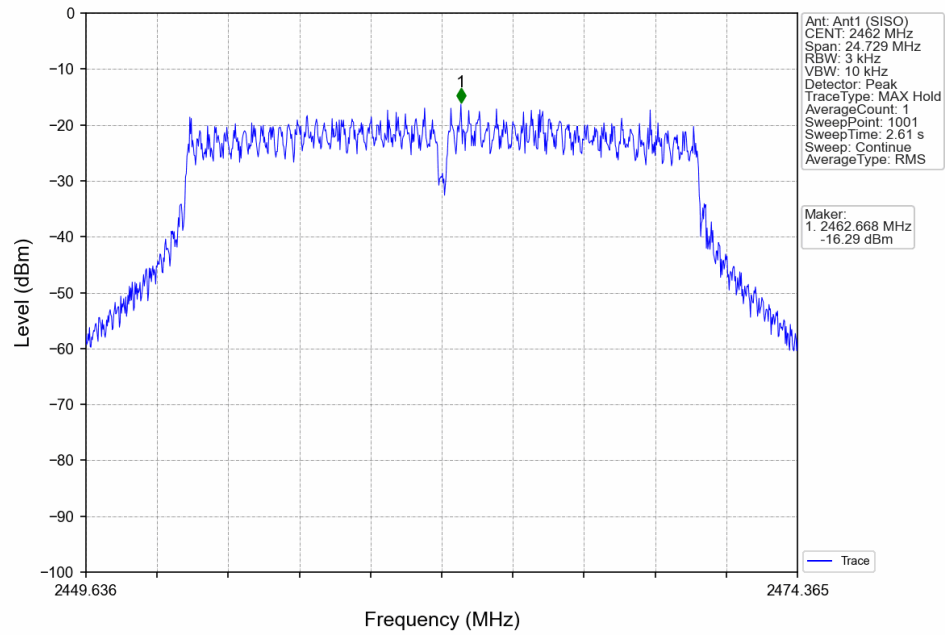
802.11n(HT20)_MCH_2437MHz_Ant1 (SISO)_NTNV



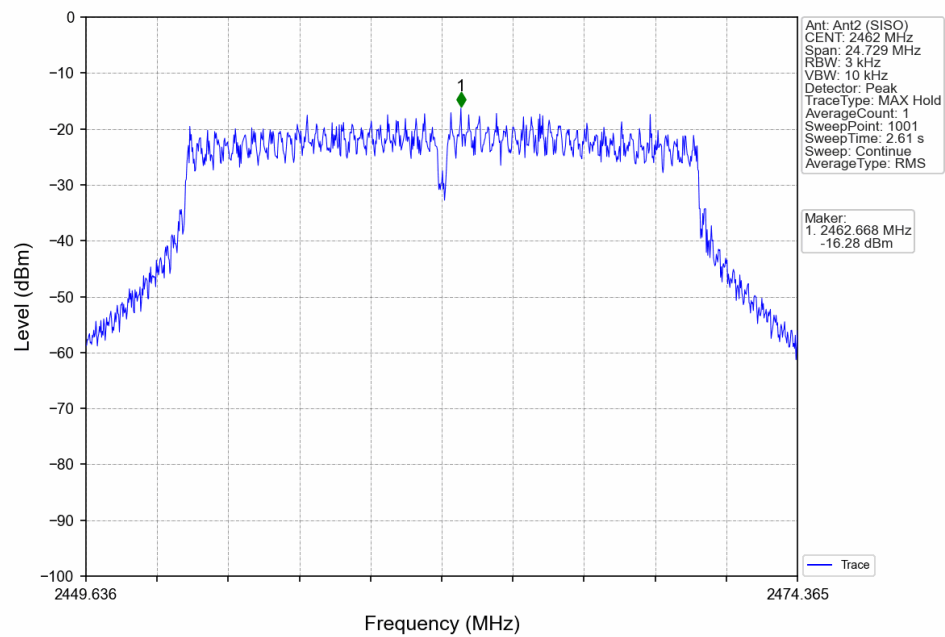
802.11n(HT20)_MCH_2437MHz_Ant2 (SISO)_NTNV



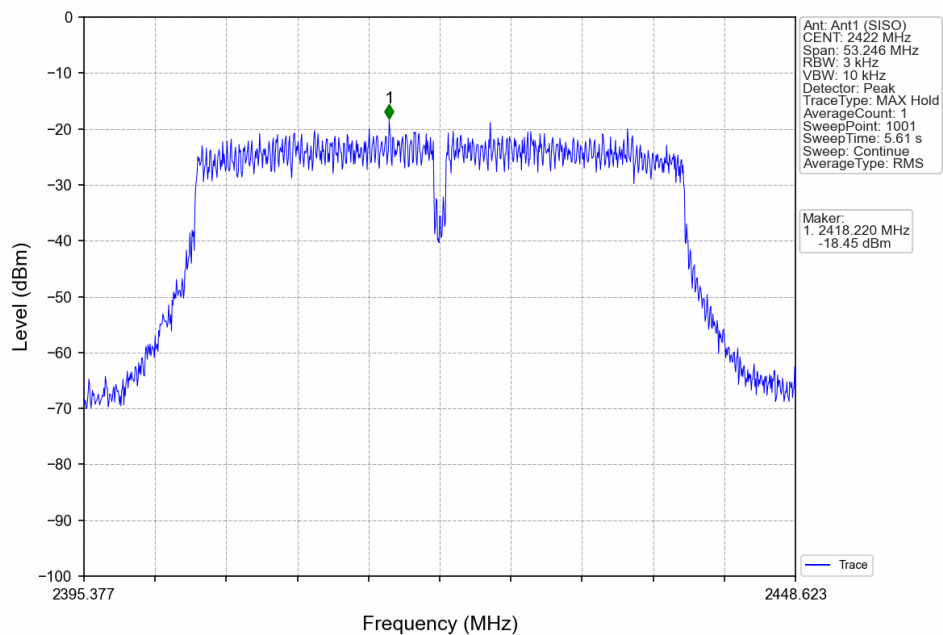
802.11n(HT20)_HCH_2462MHz_Ant1 (SISO)_NTNV



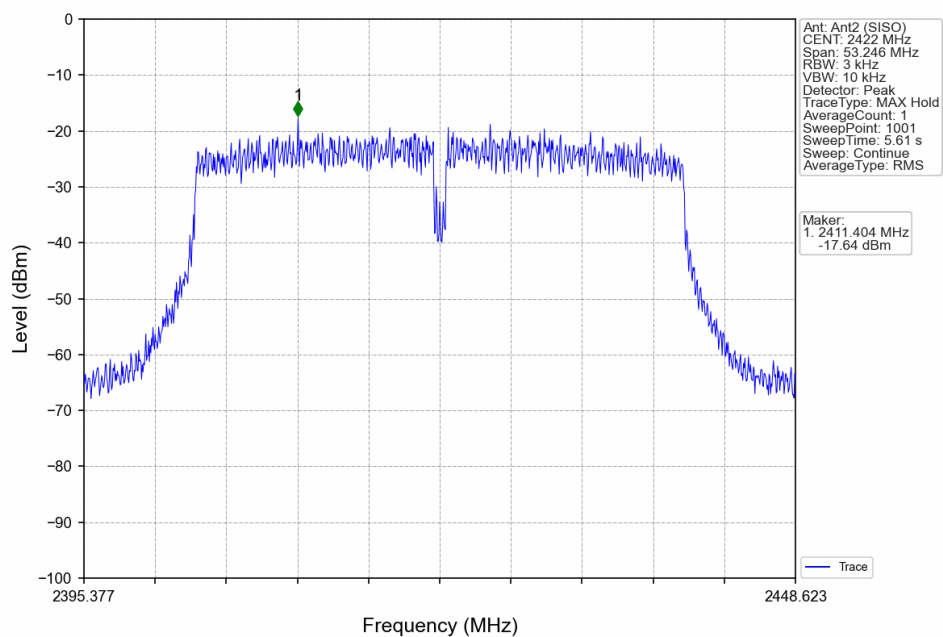
802.11n(HT20)_HCH_2462MHz_Ant2 (SISO)_NTNV



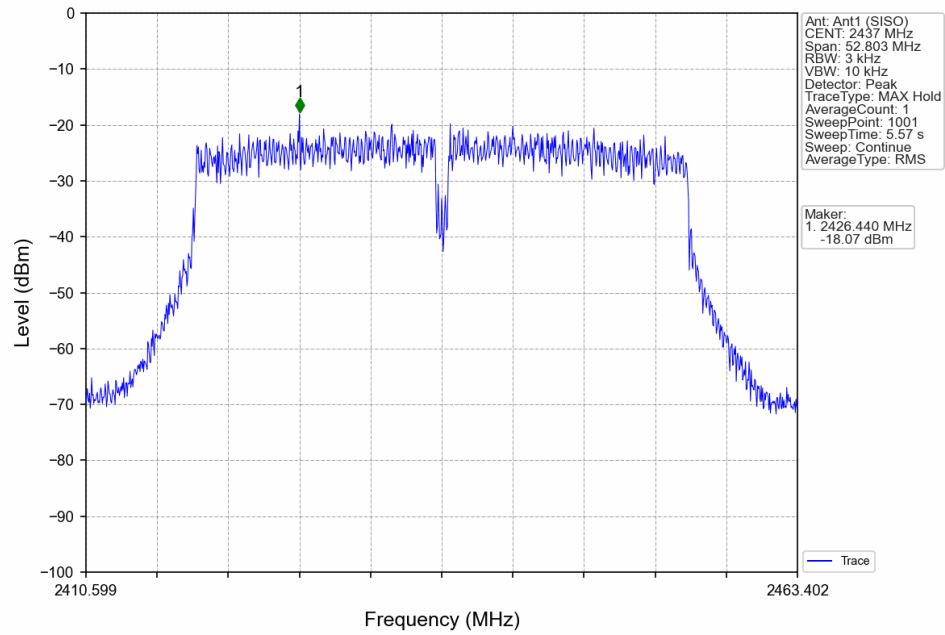
802.11n(HT40)_LCH_2422MHz_Ant1 (SISO)_NTNV



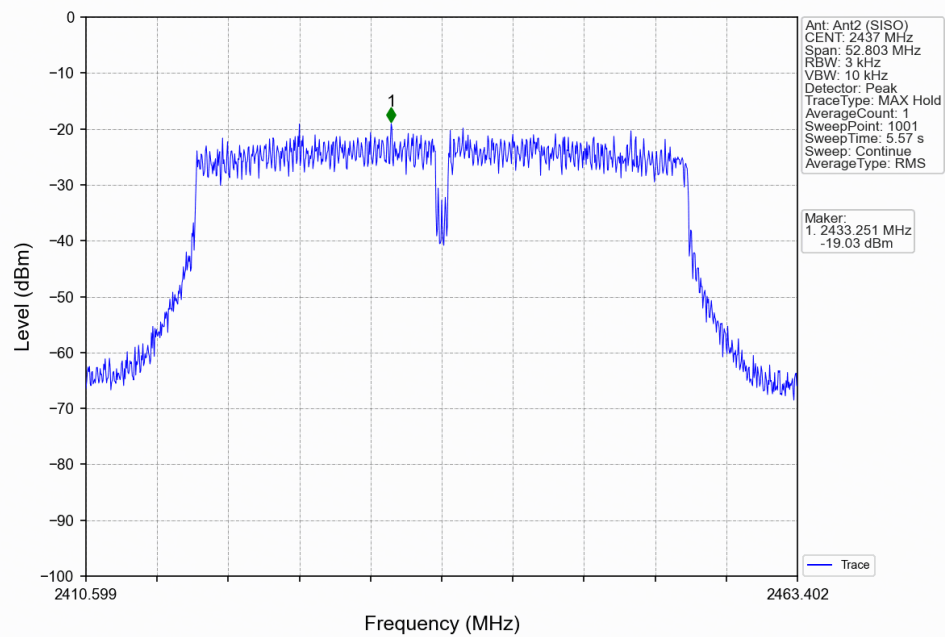
802.11n(HT40)_LCH_2422MHz_Ant2 (SISO)_NTNV



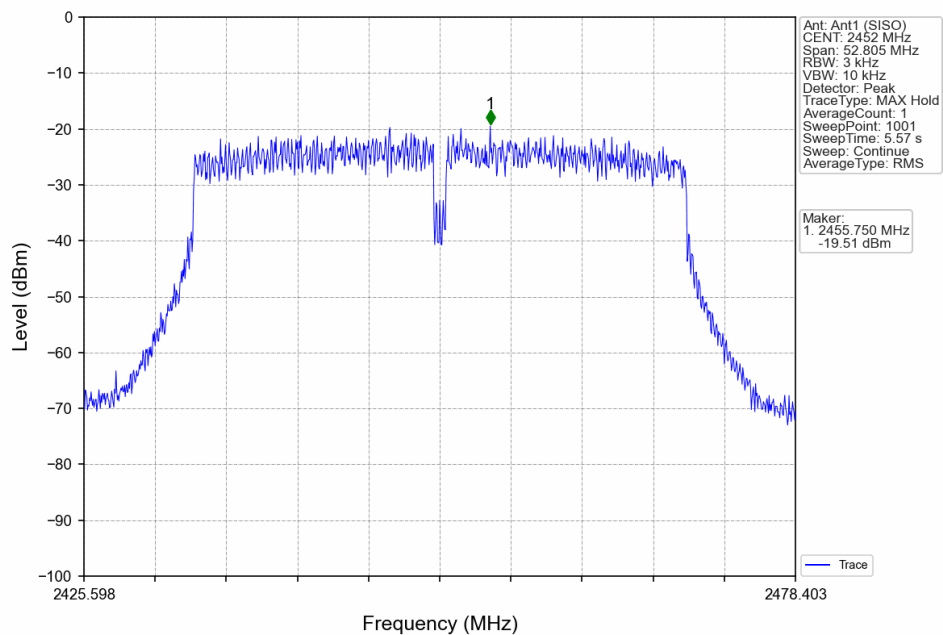
802.11n(HT40)_MCH_2437MHz_Ant1 (SISO)_NTNV



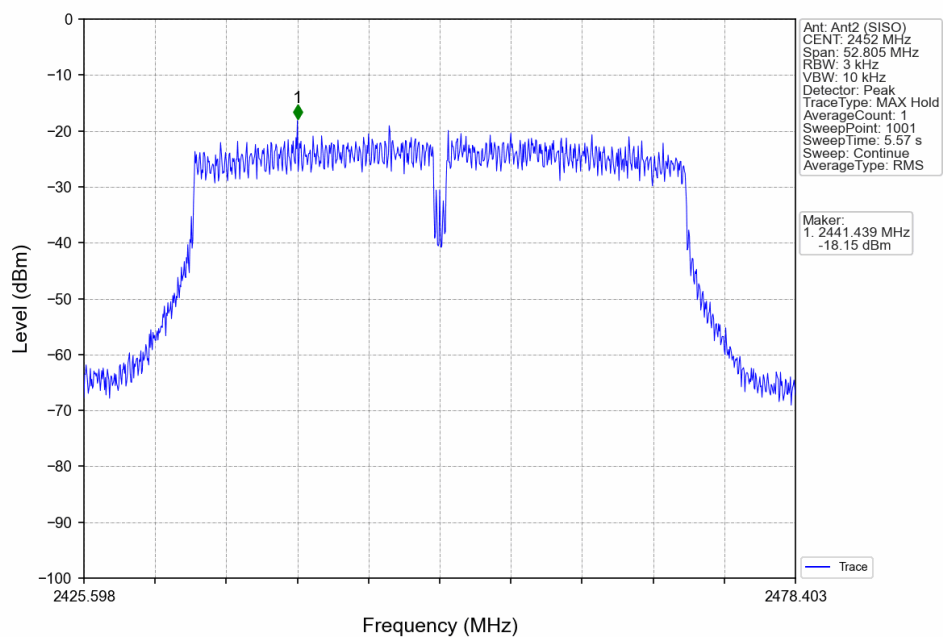
802.11n(HT40)_MCH_2437MHz_Ant2 (SISO)_NTNV



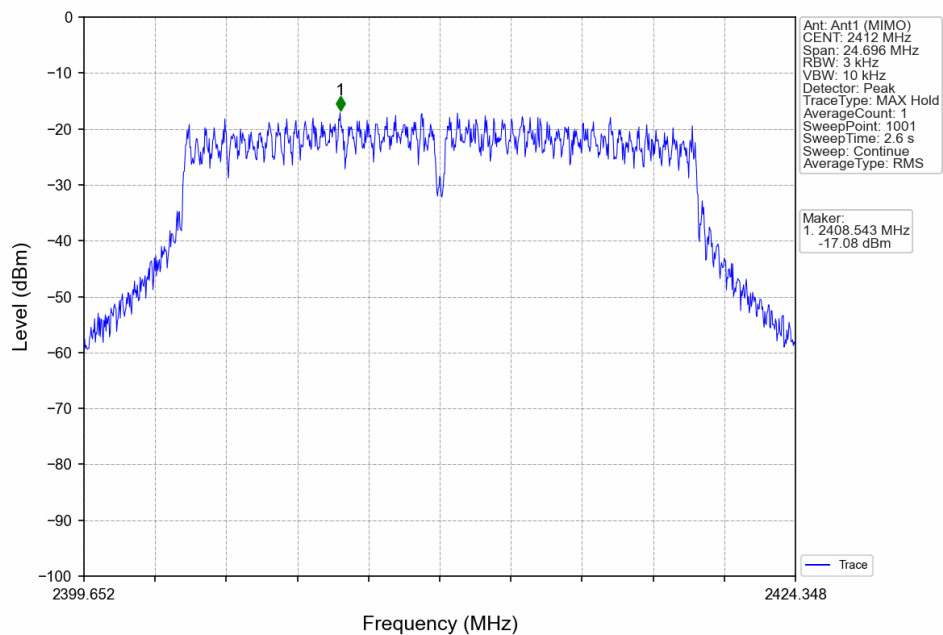
802.11n(HT40)_HCH_2452MHz_Ant1 (SISO)_NTNV



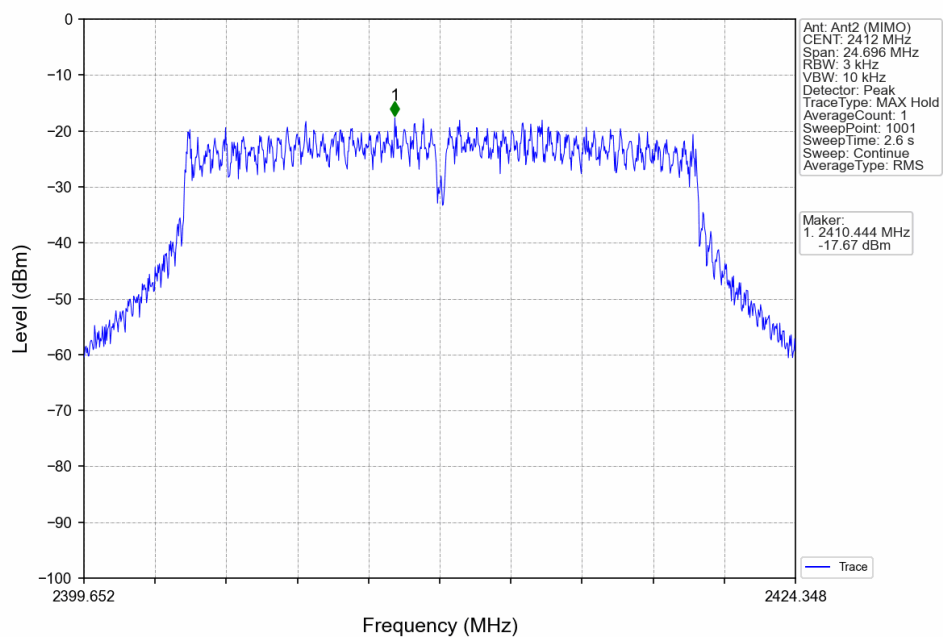
802.11n(HT40)_HCH_2452MHz_Ant2 (SISO)_NTNV



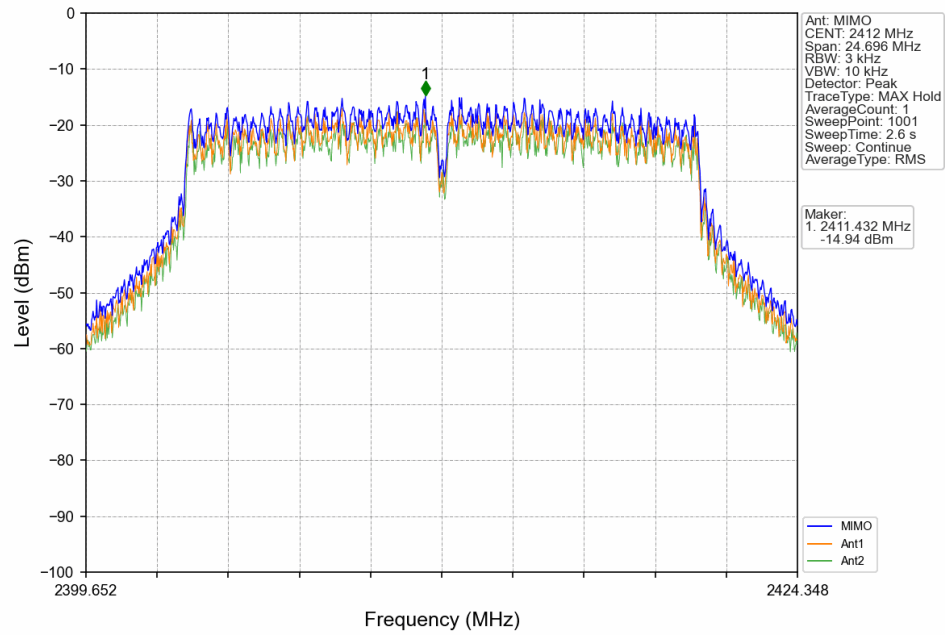
802.11n(HT20)_LCH_2412MHz_Ant1 (MIMO)_NTNV



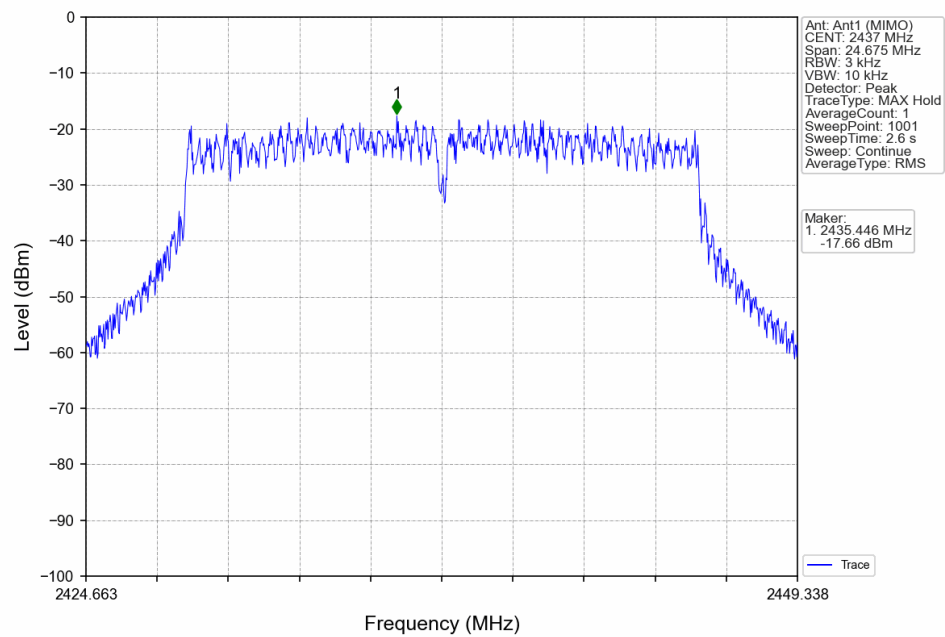
802.11n(HT20)_LCH_2412MHz_Ant2 (MIMO)_NTNV



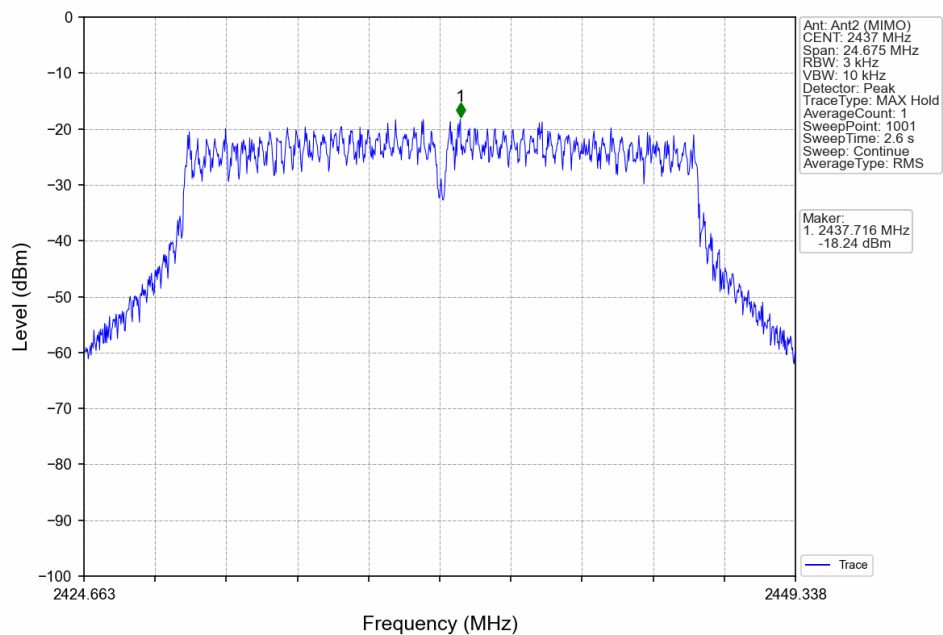
802.11n(HT20)_LCH_2412MHz_MIMO_NTNV



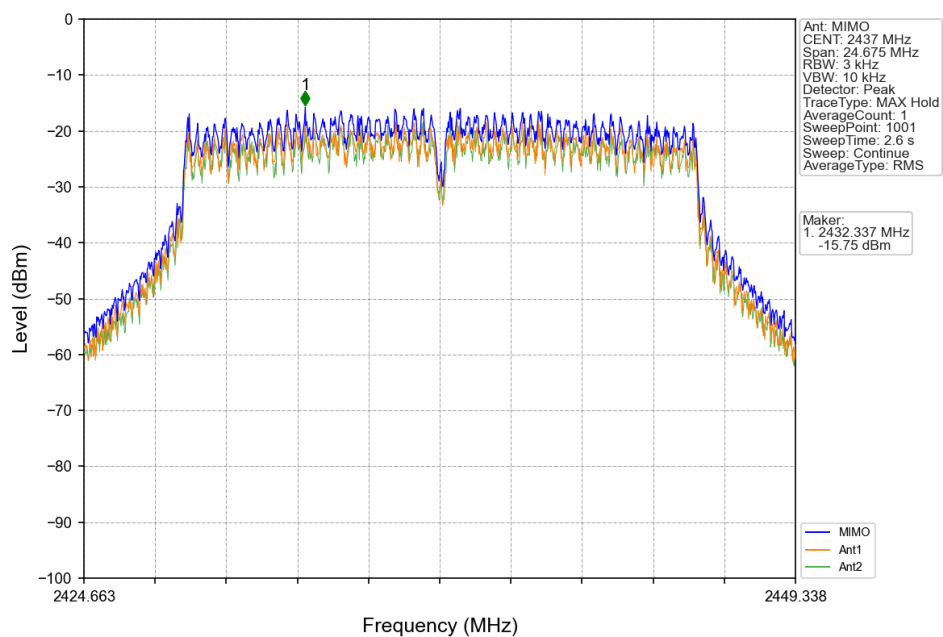
802.11n(HT20)_MCH_2437MHz_Ant1 (MIMO)_NTNV



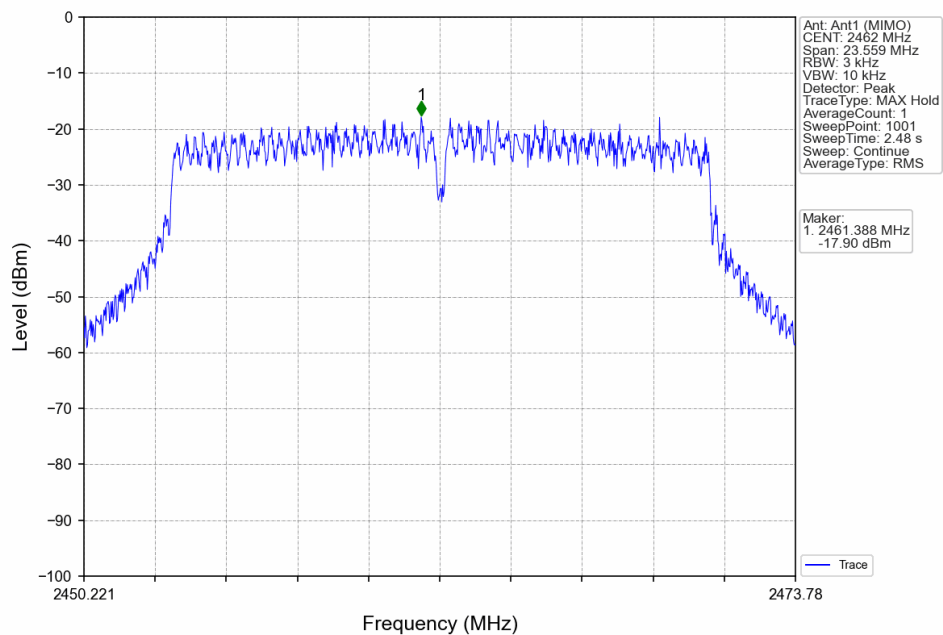
802.11n(HT20)_MCH_2437MHz_Ant2 (MIMO)_NTNV



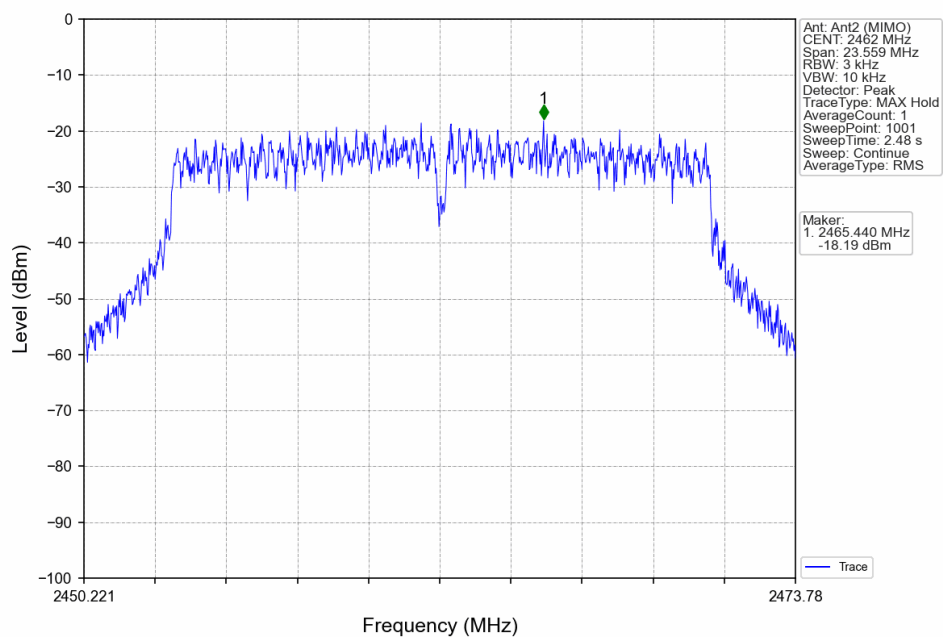
802.11n(HT20)_MCH_2437MHz_MIMO_NTNV



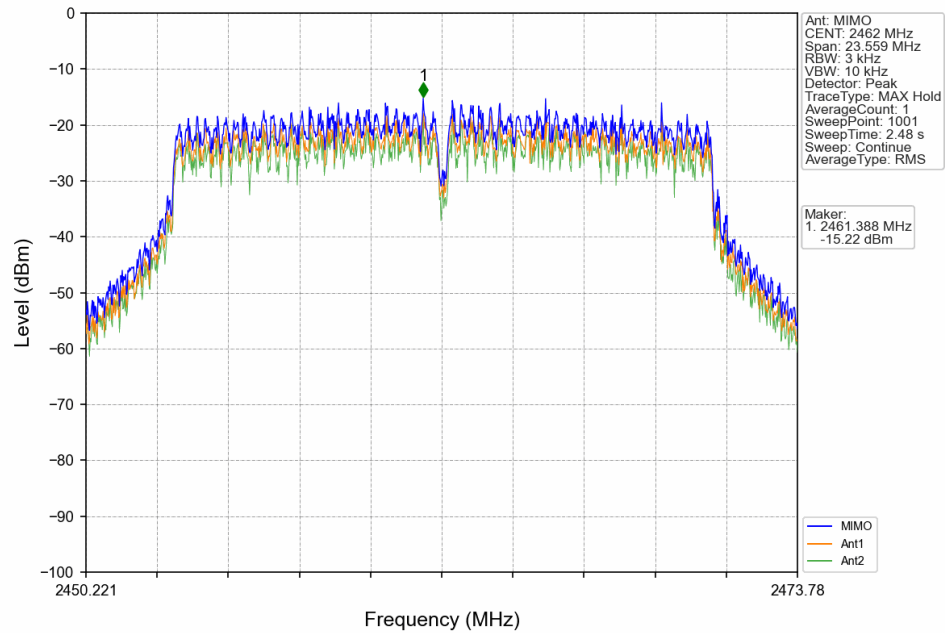
802.11n(HT20)_HCH_2462MHz_Ant1 (MIMO)_NTNV



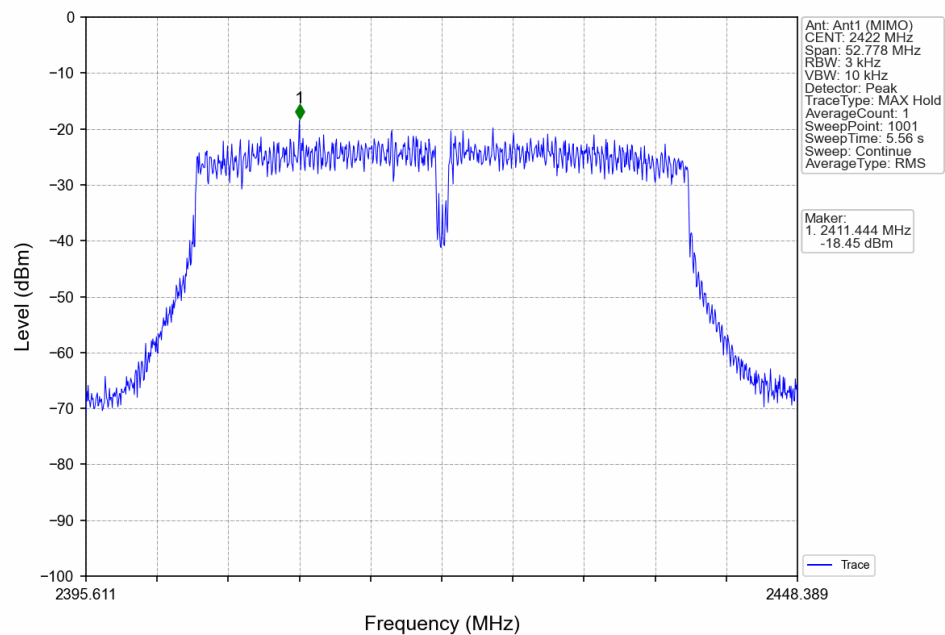
802.11n(HT20)_HCH_2462MHz_Ant2 (MIMO)_NTNV



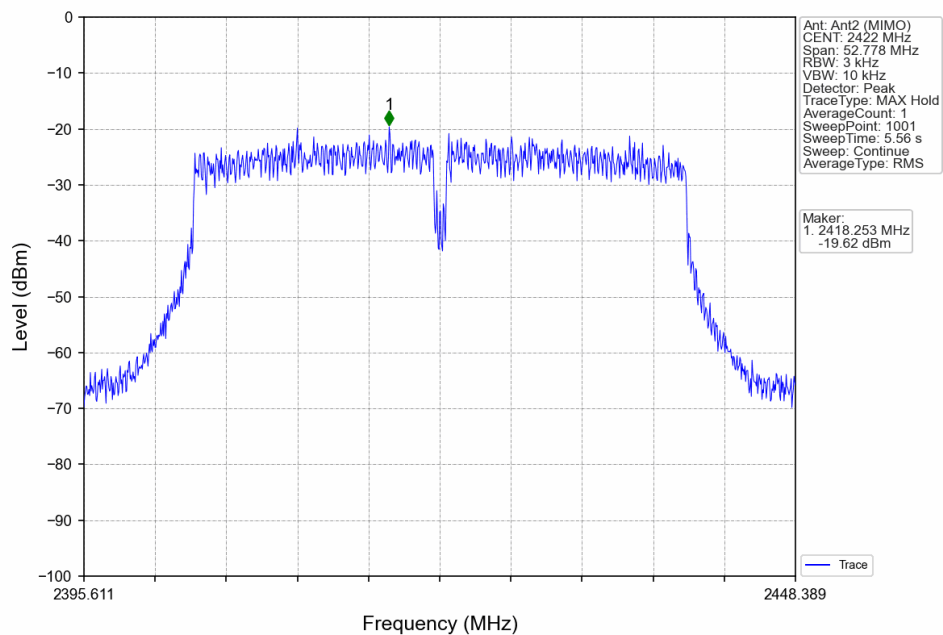
802.11n(HT20)_HCH_2462MHz_MIMO_NTNV



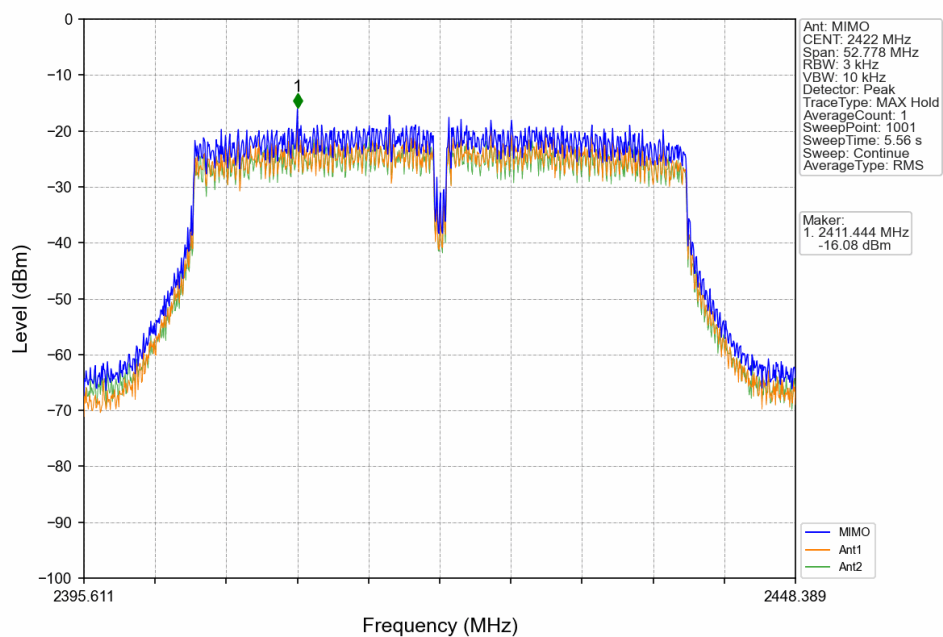
802.11n(HT40)_LCH_2422MHz_Ant1 (MIMO)_NTNV



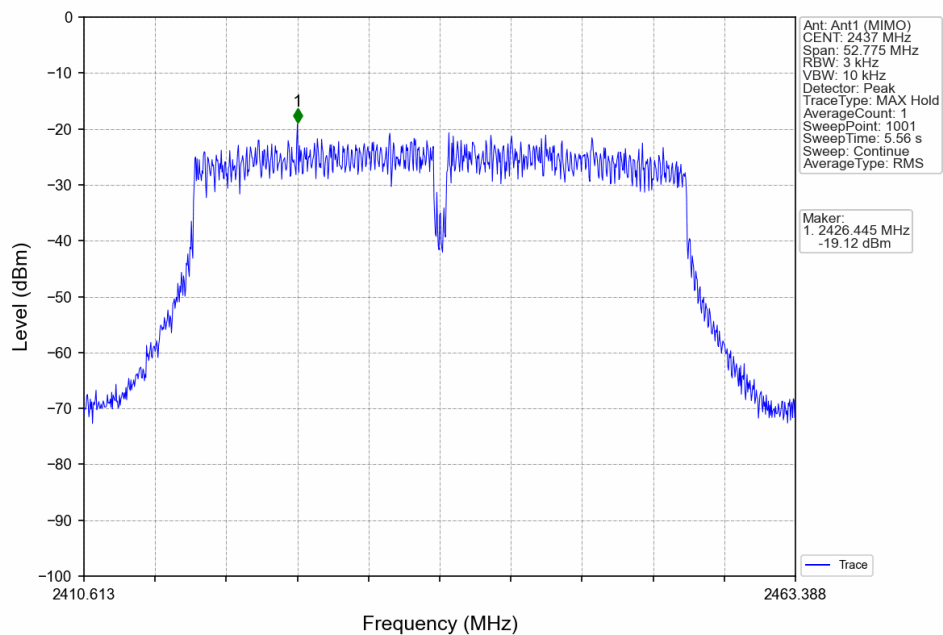
802.11n(HT40)_LCH_2422MHz_Ant2 (MIMO)_NTNV



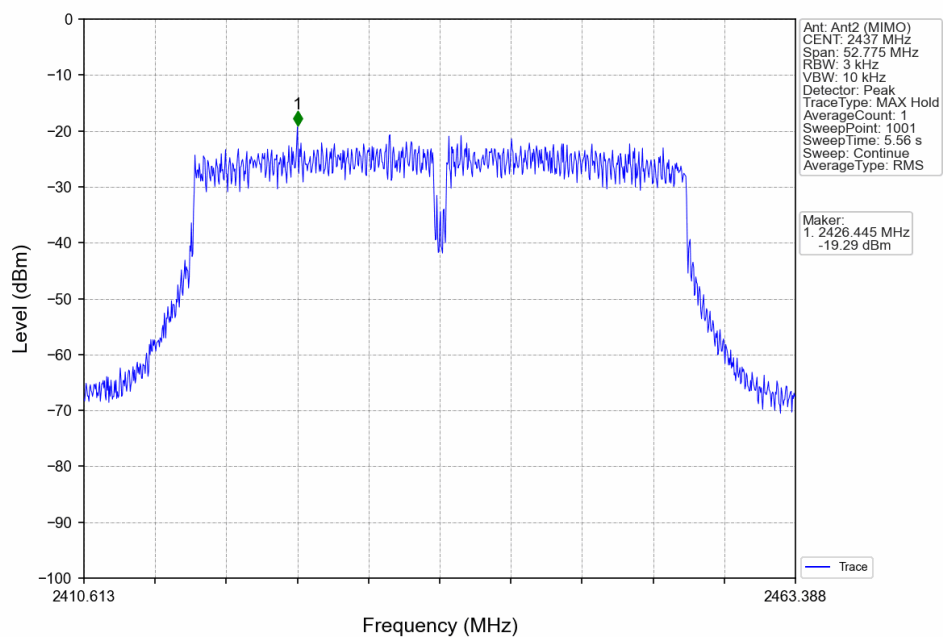
802.11n(HT40)_LCH_2422MHz_MIMO_NTNV



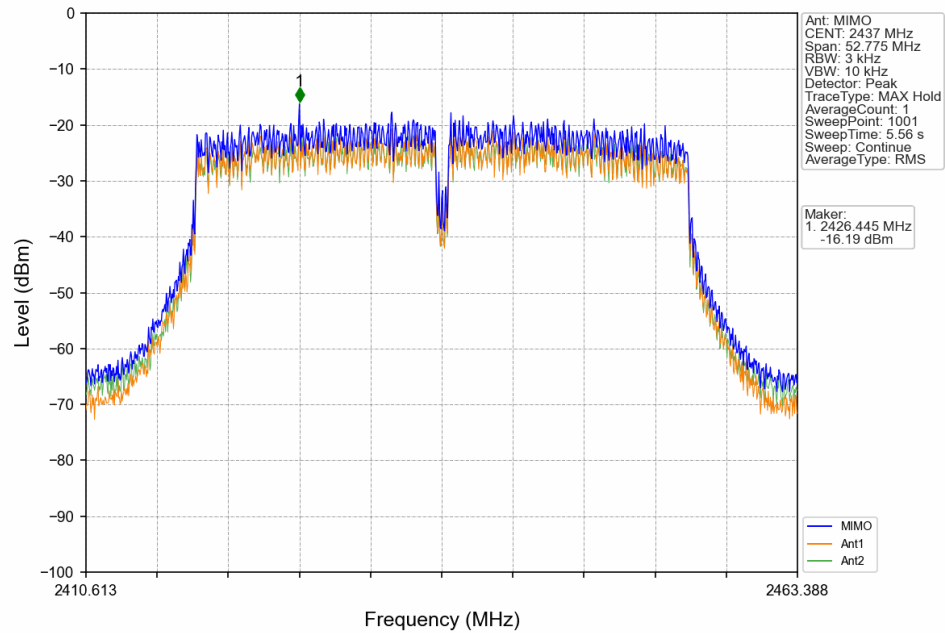
802.11n(HT40)_MCH_2437MHz_Ant1 (MIMO)_NTNV



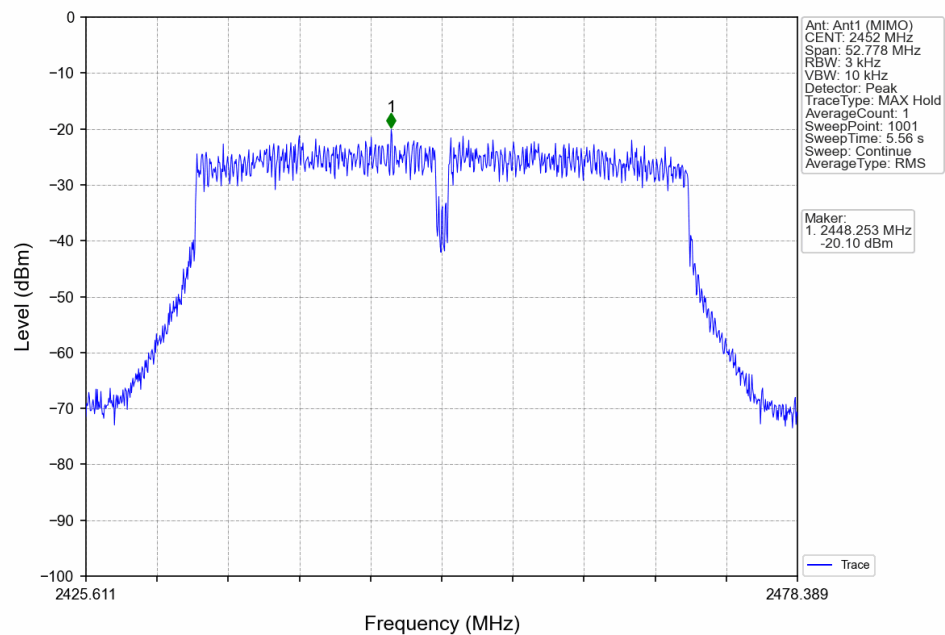
802.11n(HT40)_MCH_2437MHz_Ant2 (MIMO)_NTNV



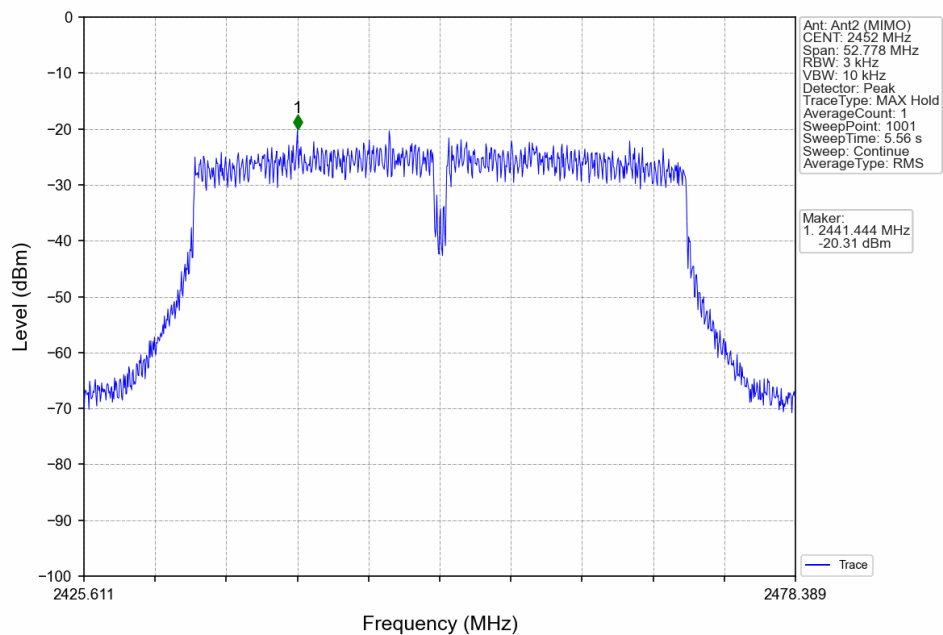
802.11n(HT40)_MCH_2437MHz_MIMO_NTNV



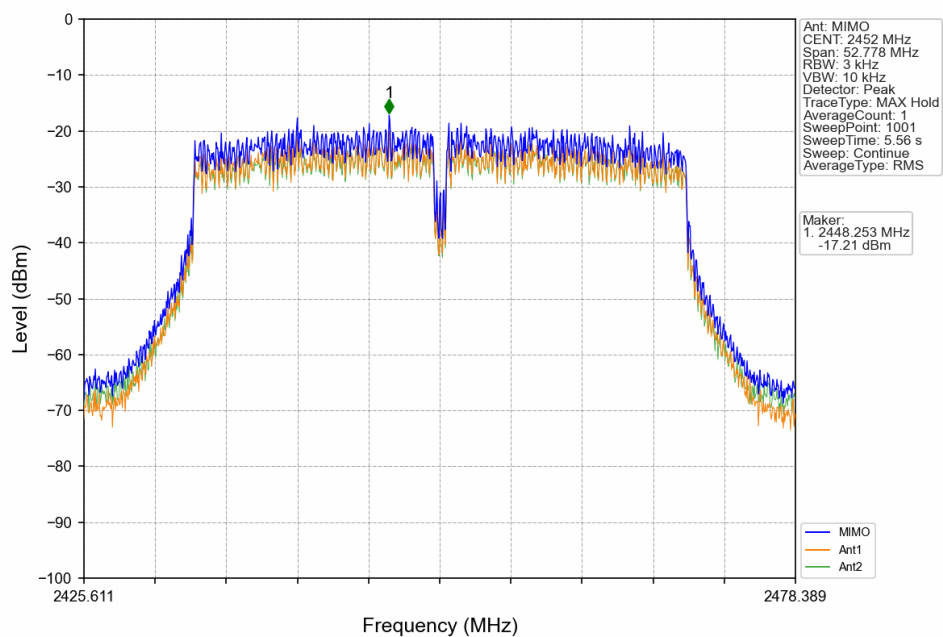
802.11n(HT40)_HCH_2452MHz_Ant1 (MIMO)_NTNV



802.11n(HT40)_HCH_2452MHz_Ant2 (MIMO)_NTNV



802.11n(HT40)_HCH_2452MHz_MIMO_NTNV



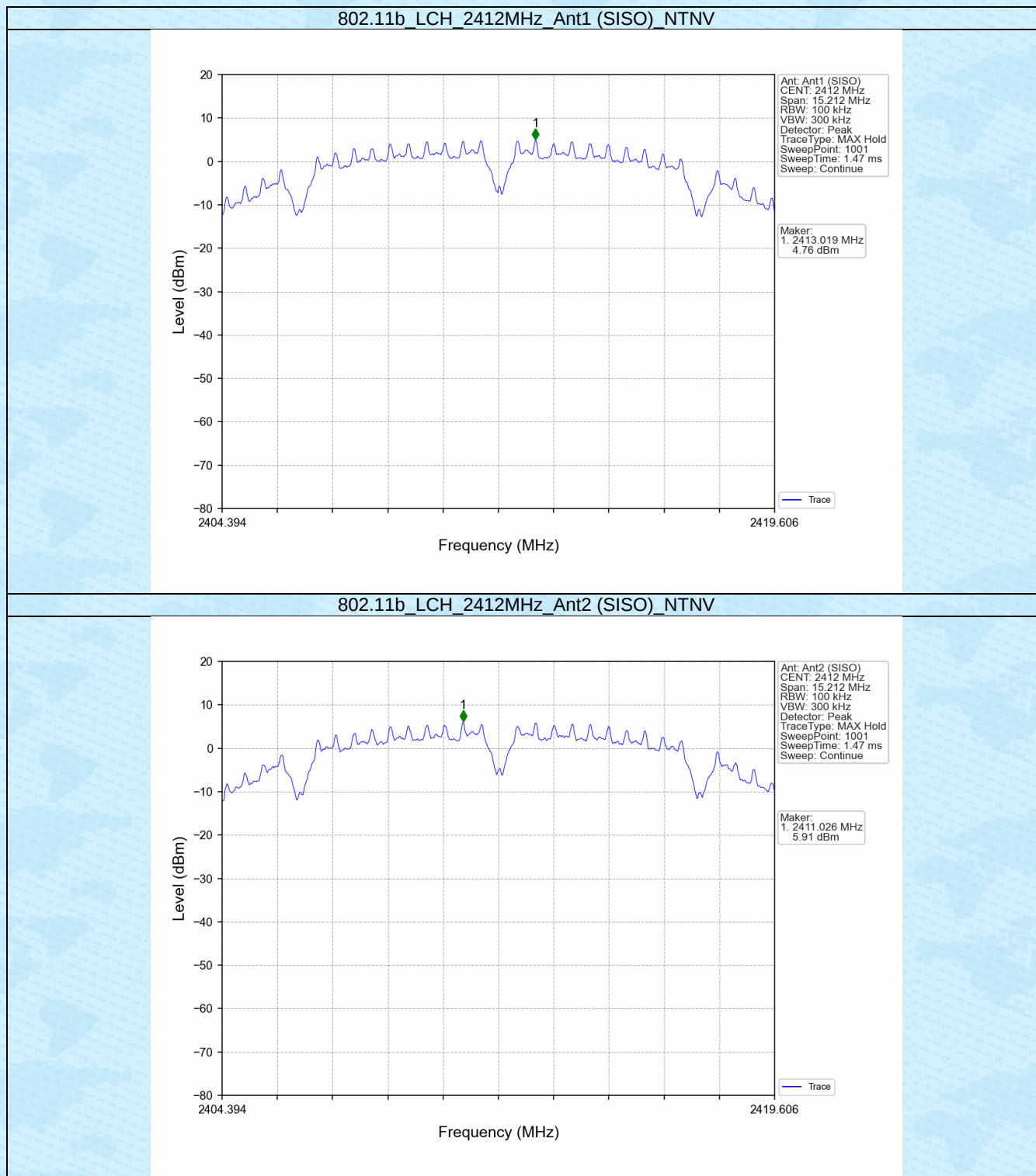
5. Unwanted Emissions In Non-restricted Frequency Bands

5.1 Ref

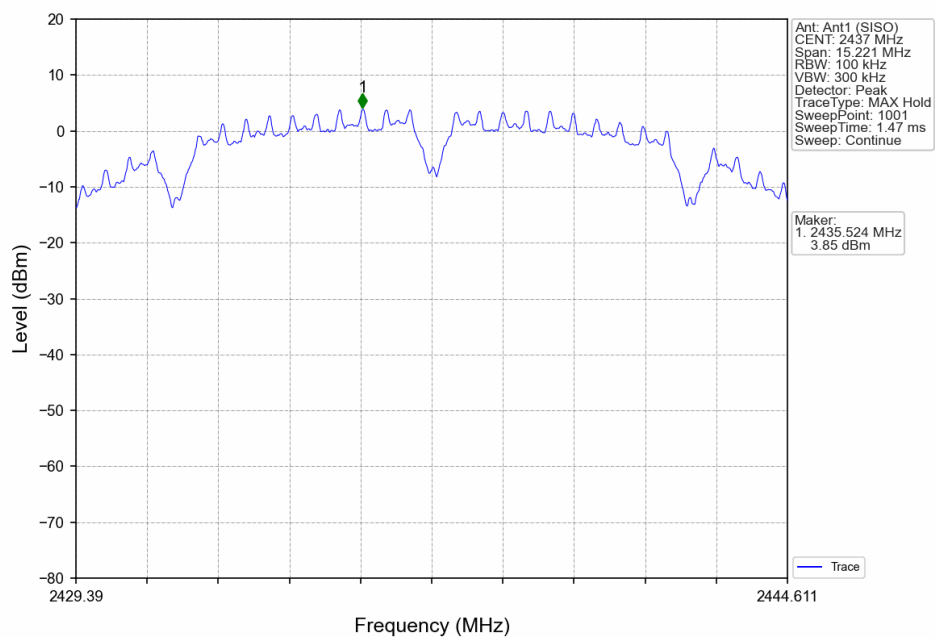
5.1.1 Test Result

Mode	Tx Type	Frequency (MHz)	ANT	Level of Reference (dBm)
802.11b	SISO	2412	1	4.76
			2	5.91
		2437	1	3.85
			2	3.39
		2462	1	3.71
			2	3.32
802.11g	SISO	2412	1	2.04
			2	2.40
		2437	1	1.66
			2	1.76
		2462	1	1.20
			2	1.01
802.11n (HT20)	SISO	2412	1	-1.08
			2	-2.08
		2437	1	-1.43
			2	-2.10
		2462	1	-1.88
			2	-2.52
802.11n (HT40)	SISO	2422	1	-4.32
			2	-4.17
		2437	1	-4.72
			2	-4.68
		2452	1	-4.88
			2	-4.77
802.11n (HT20)	MIMO	2412	1	-1.58
			2	-2.79
			MIMO	0.87
		2437	1	-2.58
			2	-3.89
			MIMO	-0.18
		2462	1	-3.16
			2	-3.51
			MIMO	-0.32
802.11n (HT40)	MIMO	2422	1	-5.17
			2	-5.20
			MIMO	-2.17
		2437	1	-5.64
			2	-5.78
			MIMO	-2.70
		2452	1	-5.78
			2	-6.08
			MIMO	-2.92
Note1: Refer to FCC Part 15.247 (d) and ANSI C63.10-2013, the channel contains the maximum PSD level was used to establish the reference level. The tighter limit applies at the spurious emissions band.				

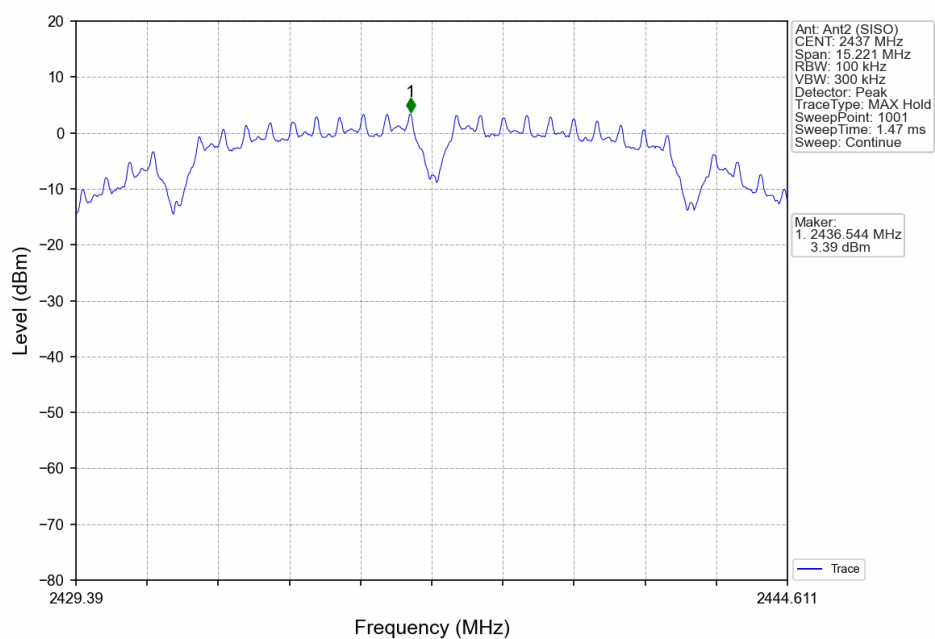
5.1.2 Test Graph



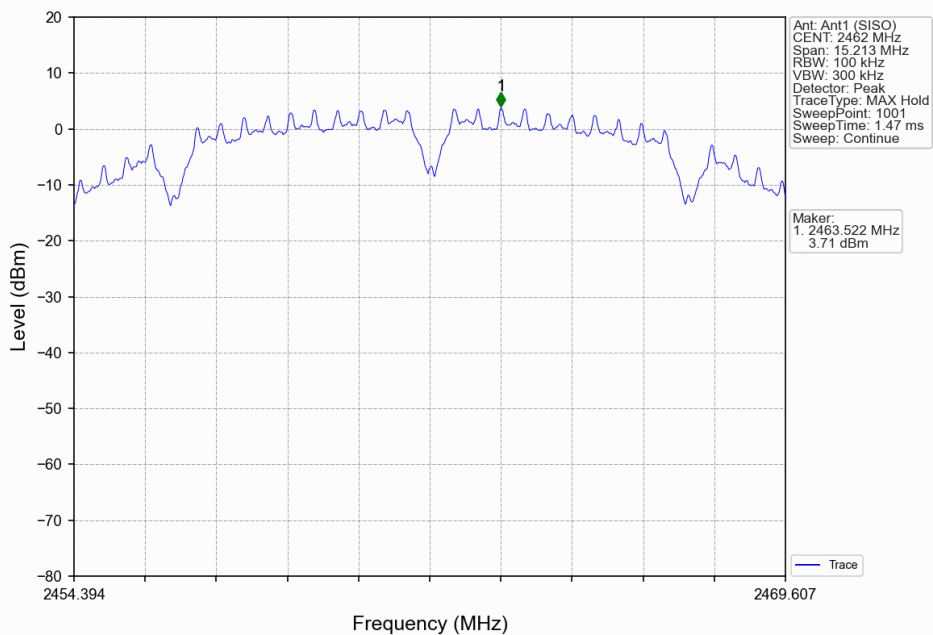
802.11b_MCH_2437MHz_Ant1 (SISO)_NTNV



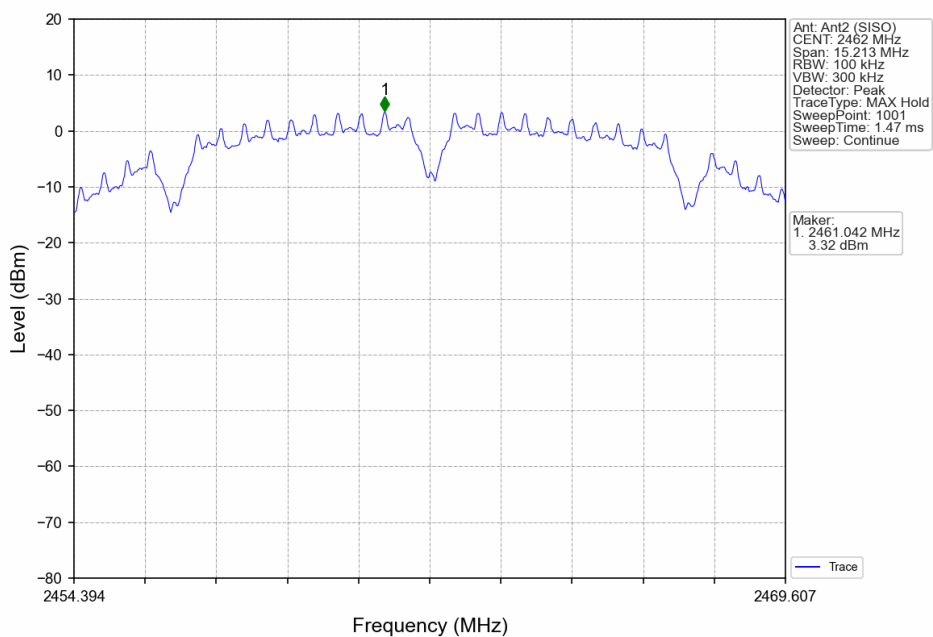
802.11b_MCH_2437MHz_Ant2 (SISO)_NTNV



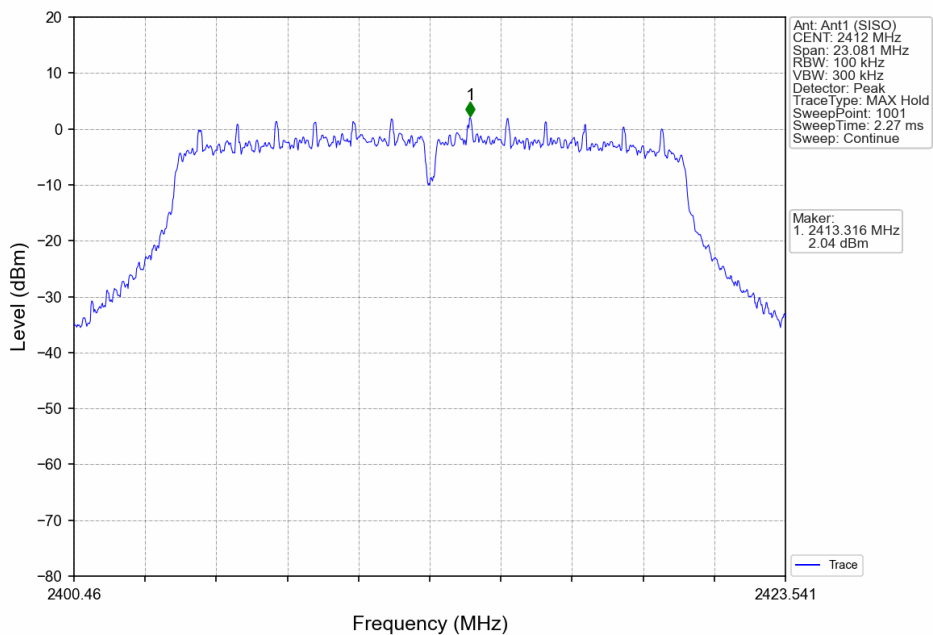
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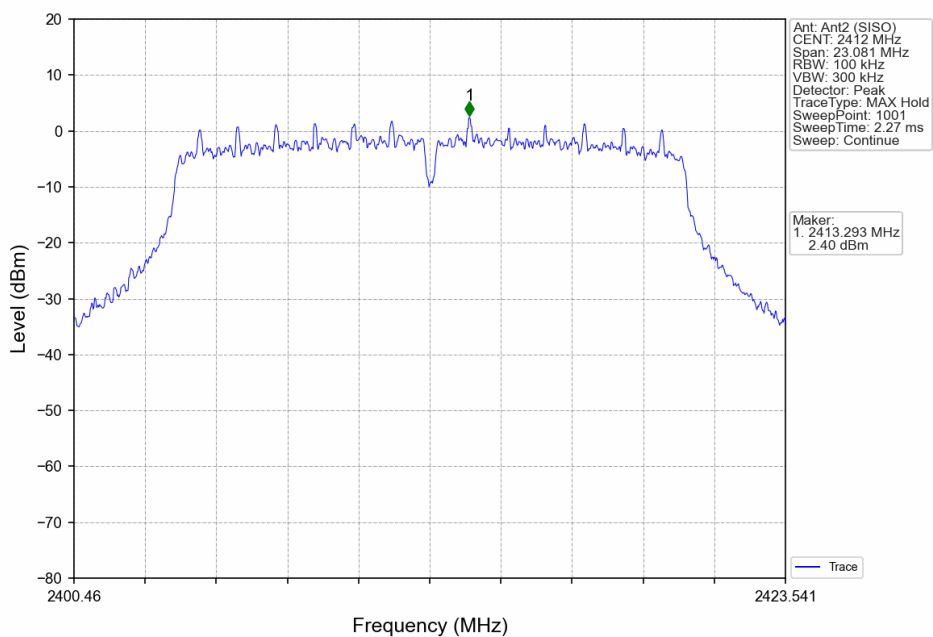
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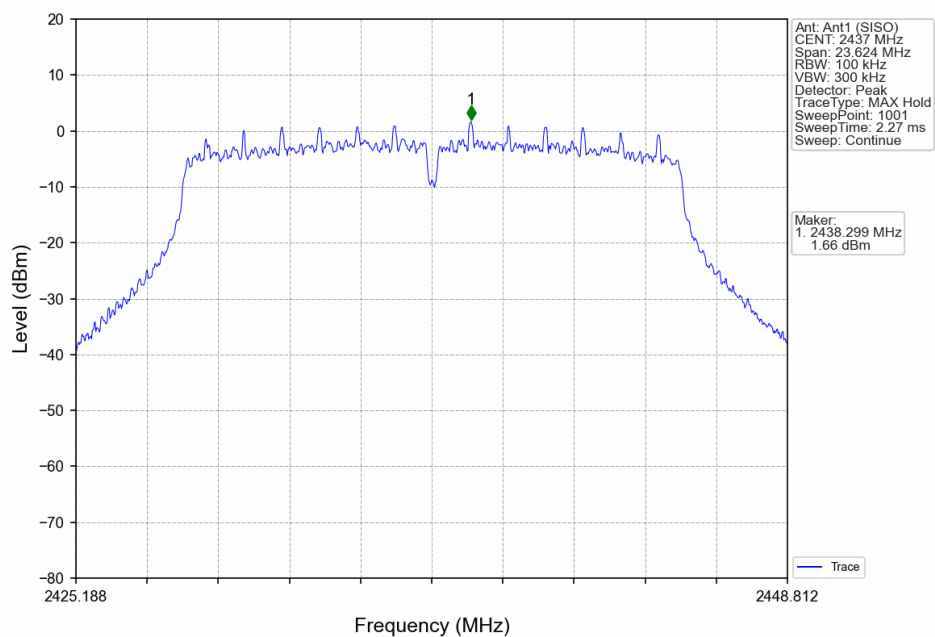
802.11g_LCH_2412MHz_Ant1 (SISO) NTN



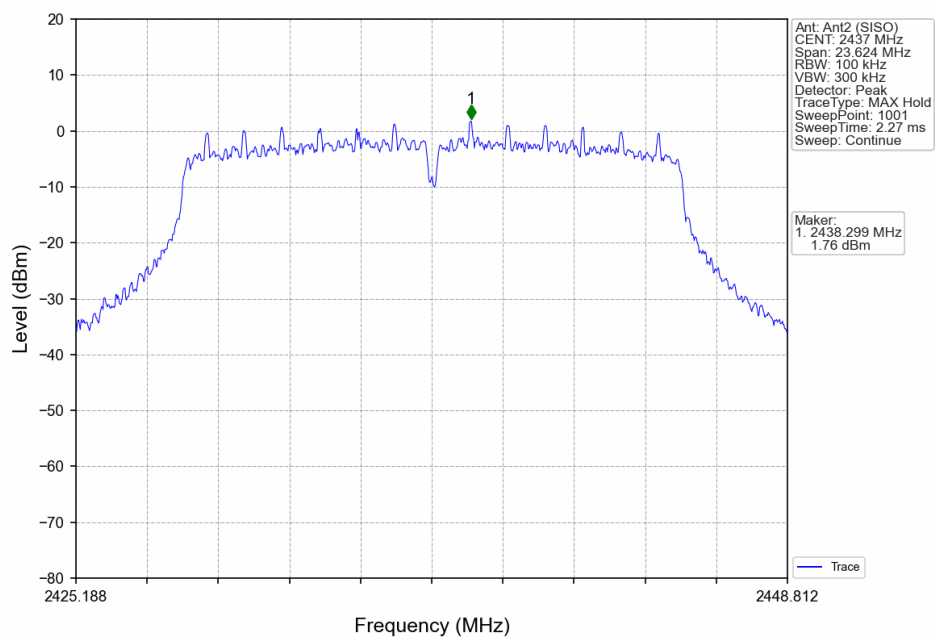
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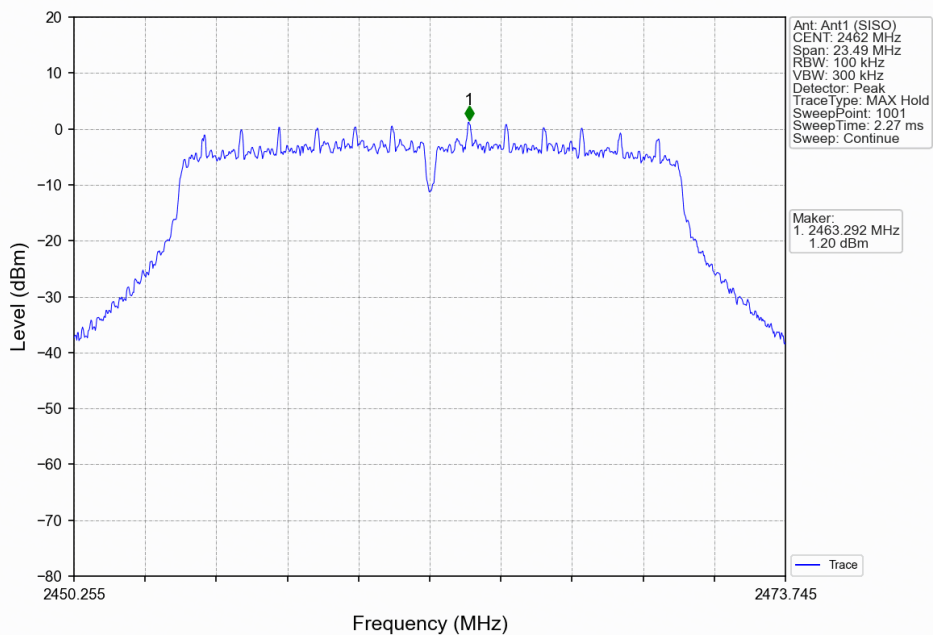
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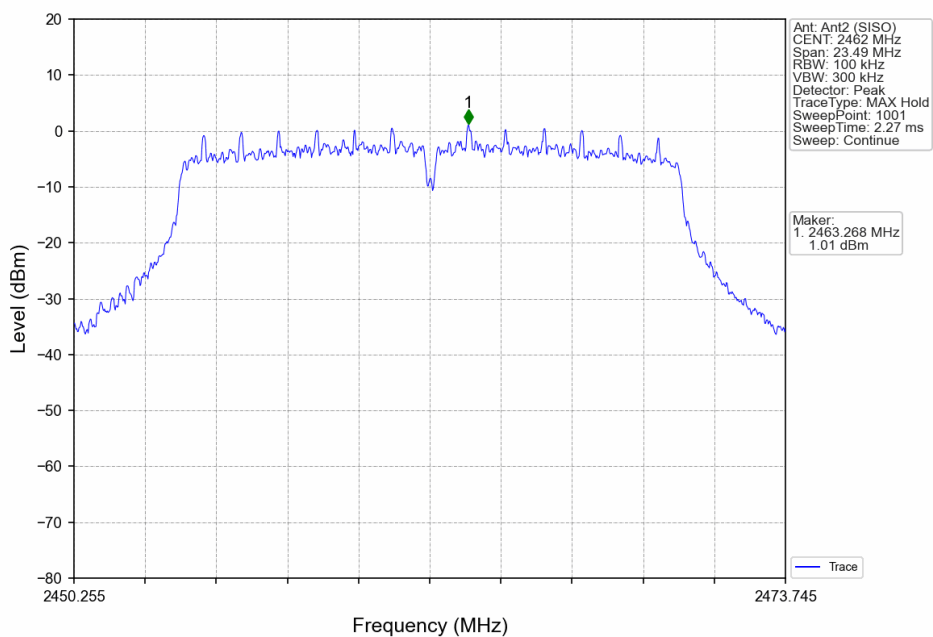
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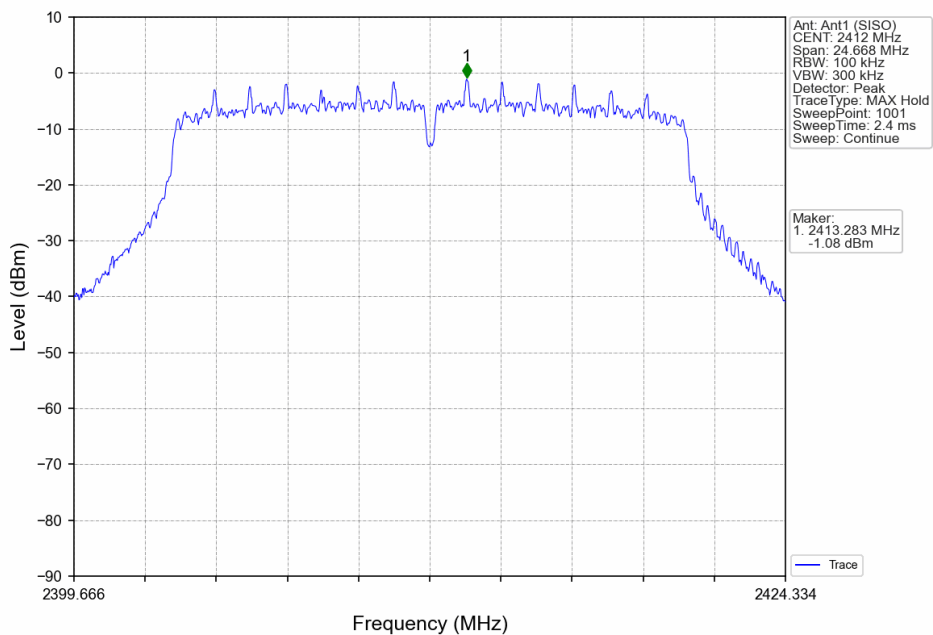
802.11g_HCH_2462MHz_Ant1 (SISO)_NTNV



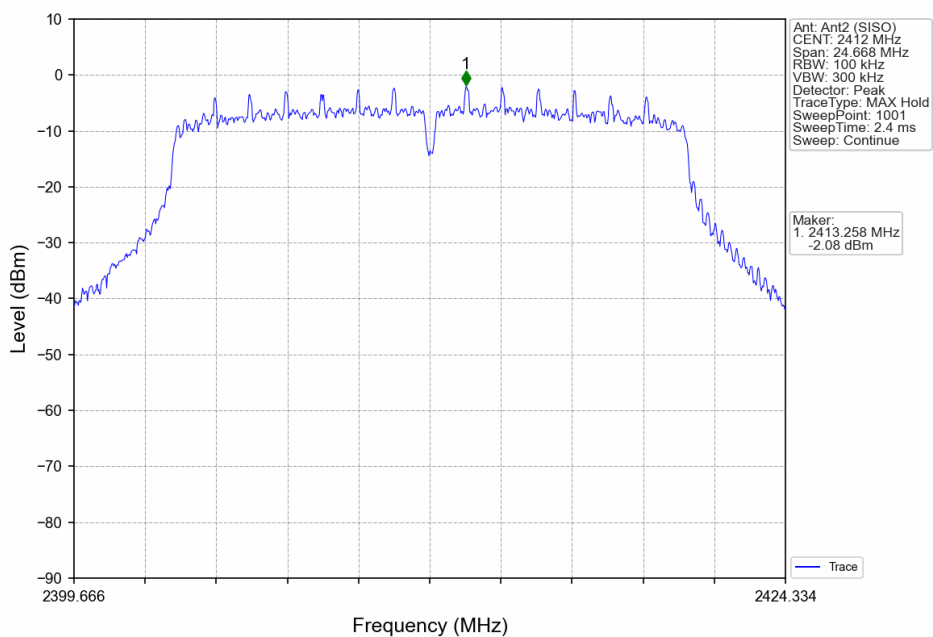
802.11g_HCH_2462MHz_Ant2 (SISO)_NTNV



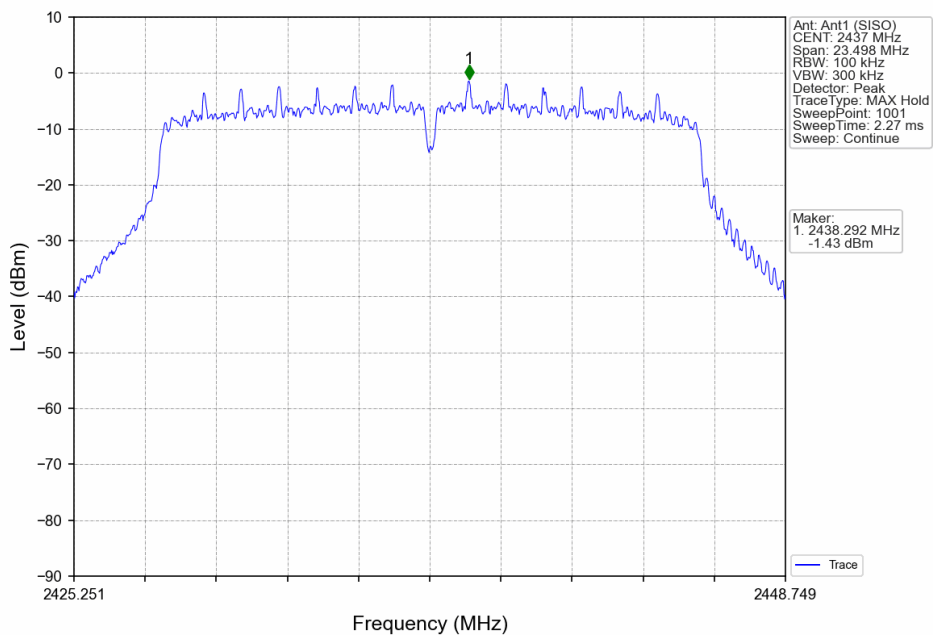
802.11n(HT20)_LCH_2412MHz_Ant1 (SISO)_NTNV



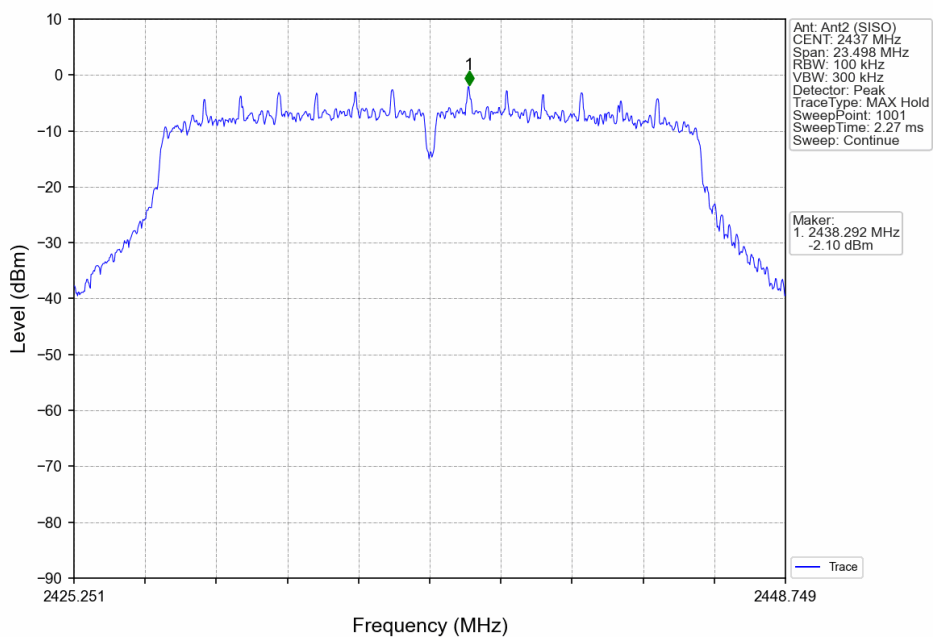
802.11n(HT20)_LCH_2412MHz_Ant2 (SISO)_NTNV



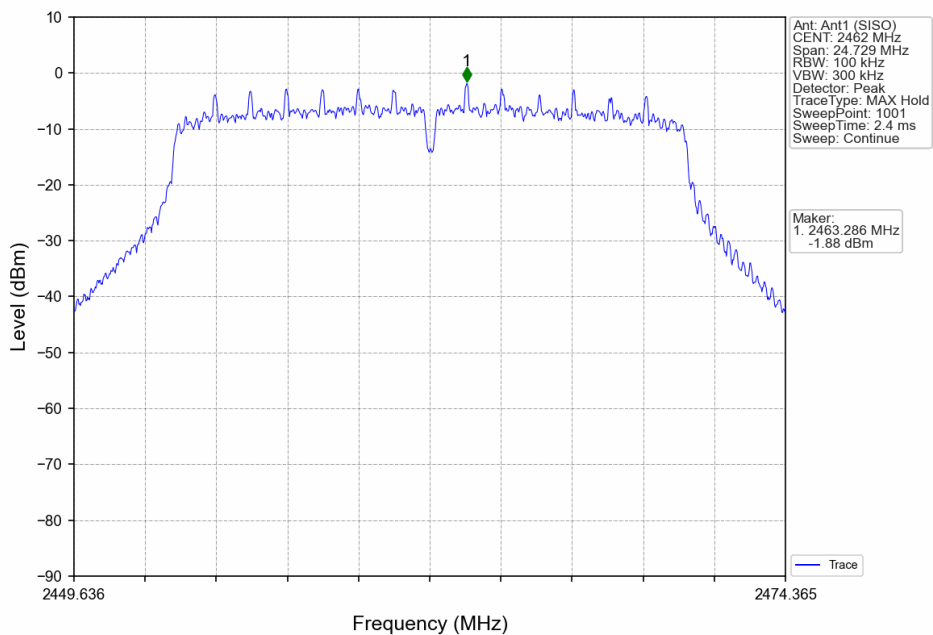
802.11n(HT20)_MCH_2437MHz_Ant1 (SISO)_NTNV



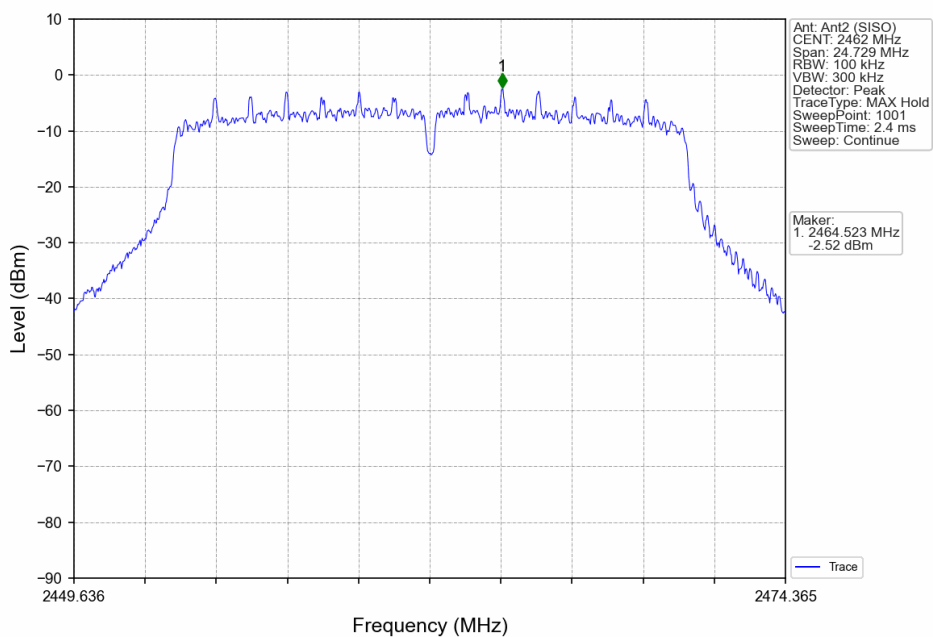
802.11n(HT20)_MCH_2437MHz_Ant2 (SISO)_NTNV



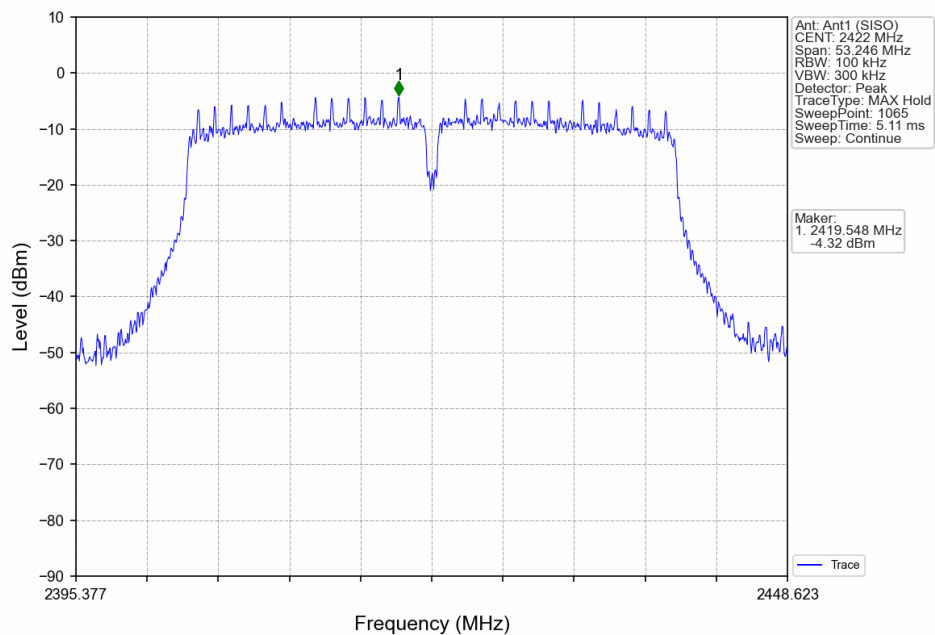
802.11n(HT20)_HCH_2462MHz_Ant1 (SISO)_NTNV



802.11n(HT20)_HCH_2462MHz_Ant2 (SISO)_NTNV



802.11n(HT40)_LCH_2422MHz_Ant1 (SISO)_NTNV



802.11n(HT40)_LCH_2422MHz_Ant2 (SISO)_NTNV

