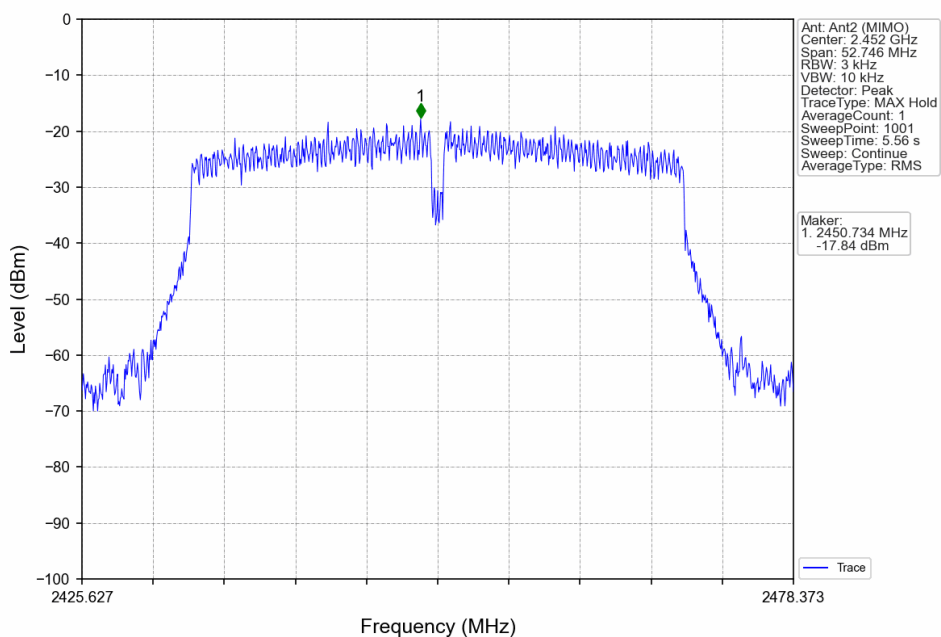
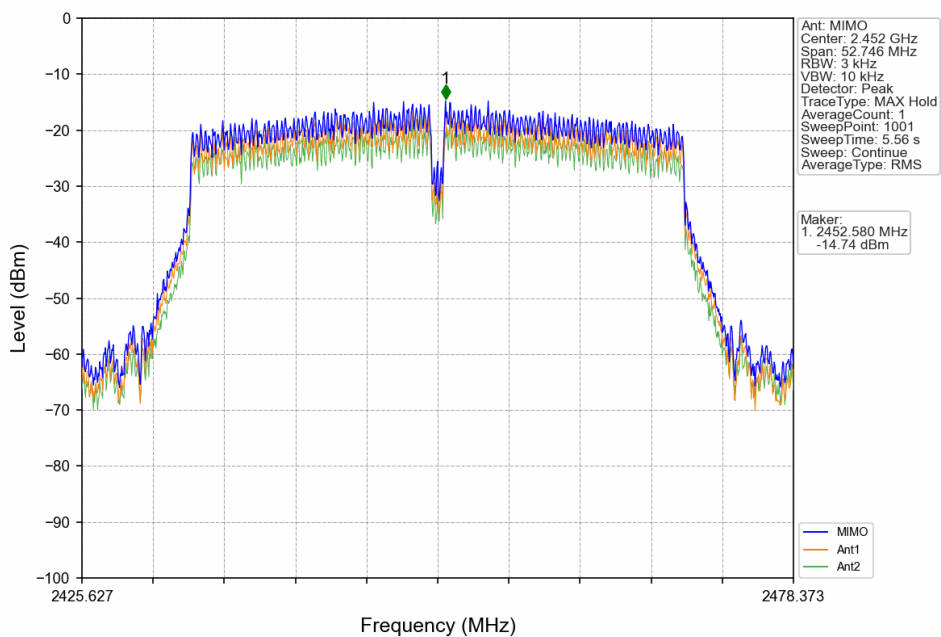


802.11n(HT40)_HCH_2452MHz_Ant2 (MIMO)_NTNV



802.11n(HT40)_HCH_2452MHz_MIMO_NTNV



5. Unwanted Emissions In Non-restricted Frequency Bands

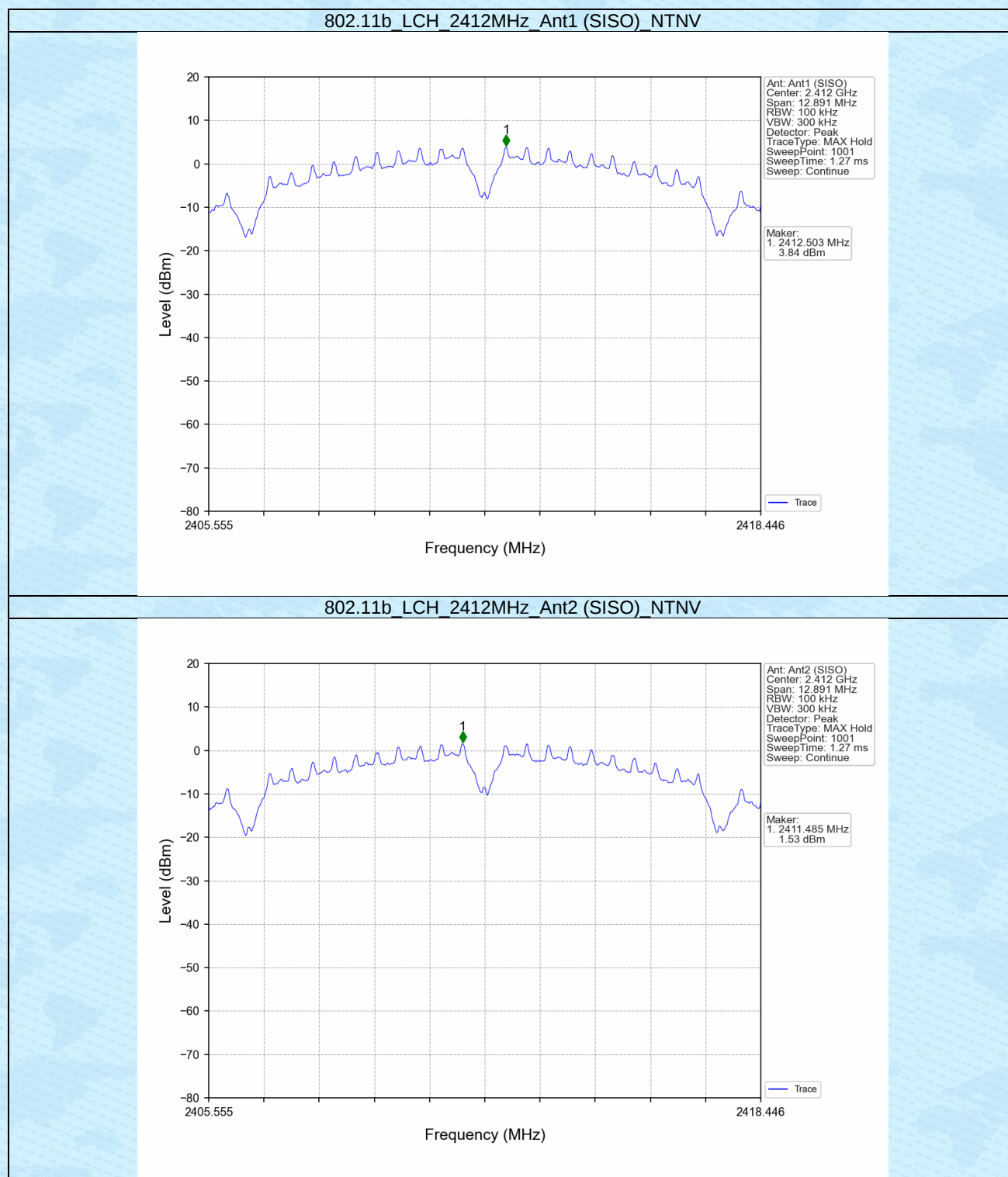
5.1 Ref

5.1.1 Test Result

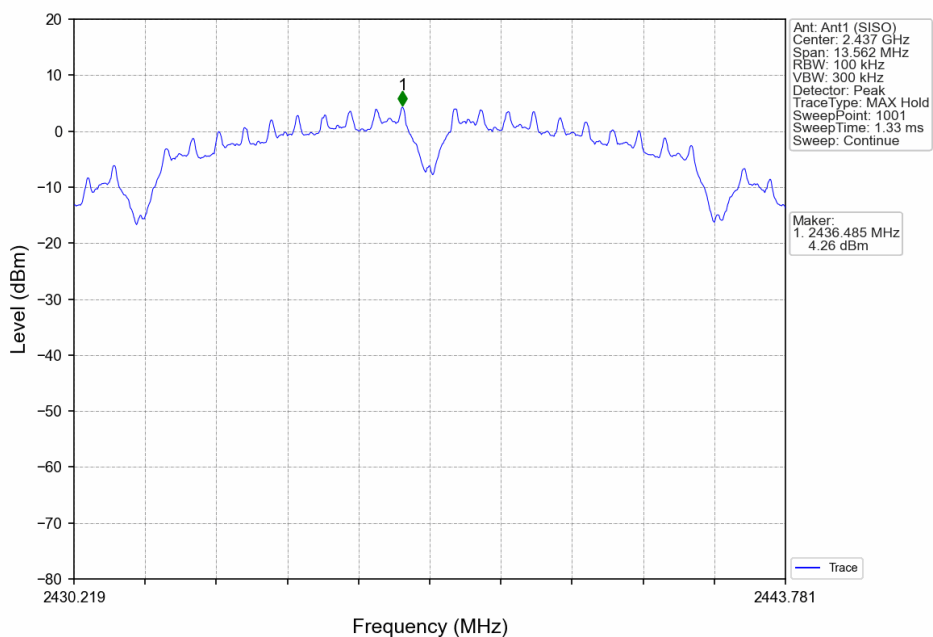
Mode	TX Type	Frequency (MHz)	ANT	Level of Reference (dBm)
802.11b	SISO	2412	1	3.84
			2	1.53
		2437	1	4.26
			2	1.97
		2462	1	4.05
			2	6.68
802.11g	SISO	2412	1	1.20
			2	-1.04
		2437	1	0.90
			2	-0.97
		2462	1	1.05
			2	-0.79
802.11n (HT20)	SISO	2412	1	1.21
			2	-1.00
		2437	1	1.18
			2	-0.76
		2462	1	1.36
			2	-0.84
802.11n (HT40)	SISO	2422	1	-1.82
			2	-3.85
		2437	1	-1.42
			2	-3.62
		2452	1	-1.62
			2	-3.84
802.11n (HT20)	MIMO	2412	1	1.15
			2	-1.08
		2437	MIMO	3.19
			1	1.19
		2462	2	-1.27
			MIMO	3.14
802.11n (HT40)	MIMO	2412	1	1.49
			2	-0.91
		2437	MIMO	3.46
			1	-1.68
		2452	2	-3.65
			MIMO	0.46
802.11n (HT40)	MIMO	2422	1	-1.42
			2	-3.37
		2437	MIMO	0.72
			1	-1.74
		2452	2	-3.57
			MIMO	0.45

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.

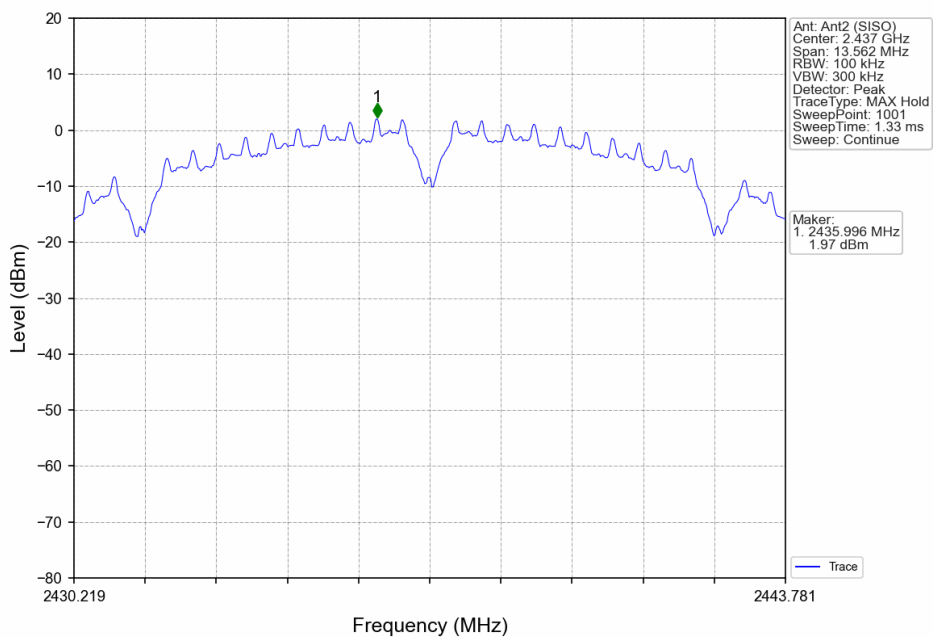
5.1.2 Test Graph



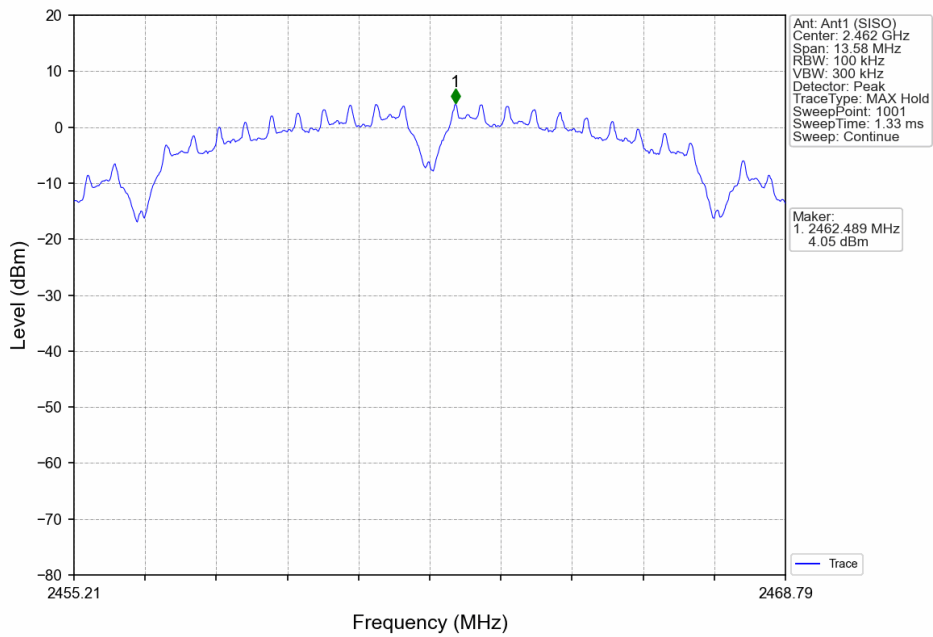
802.11b_MCH_2437MHz_Ant1 (SISO)_NTNV



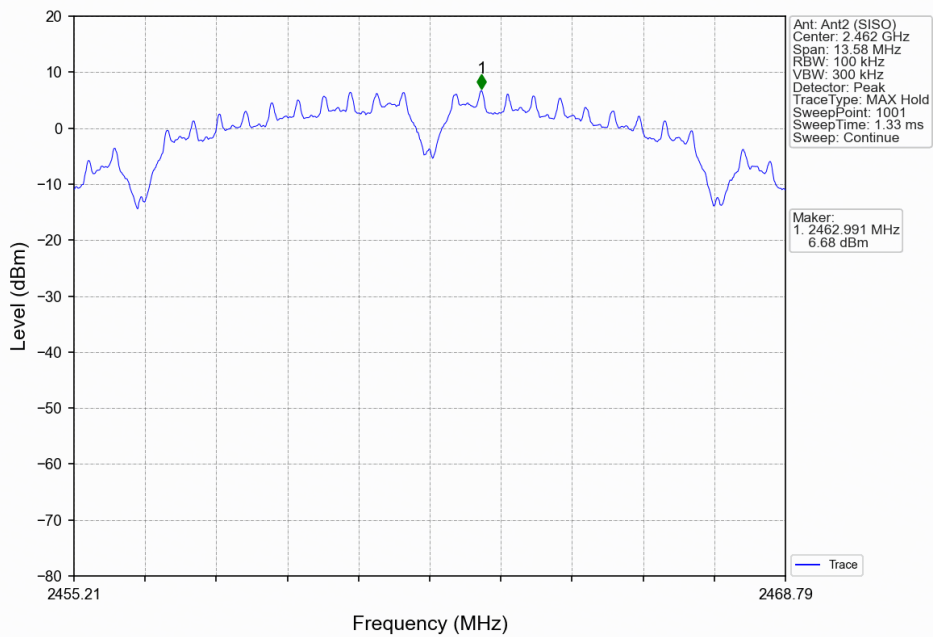
802.11b_MCH_2437MHz_Ant2 (SISO)_NTNV



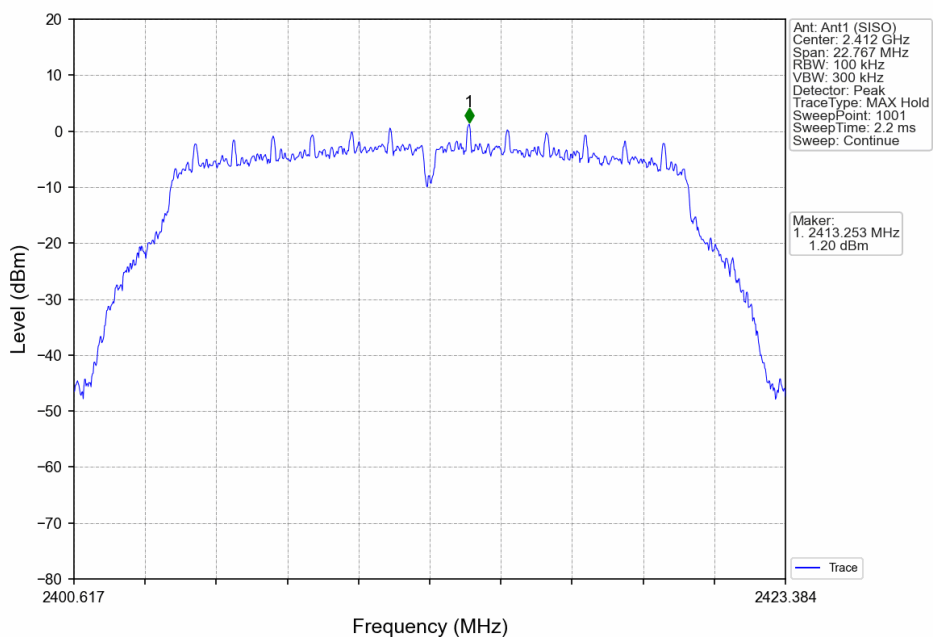
802.11b HCH_2462MHz_Ant1 (SISO)_NTNV



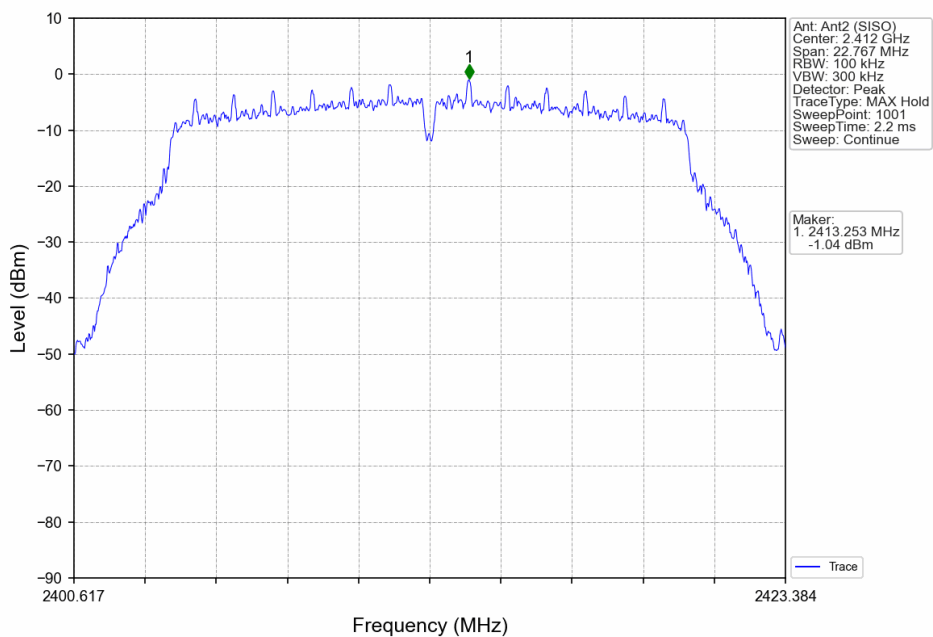
802.11b HCH_2462MHz_Ant2 (SISO)_NTNV



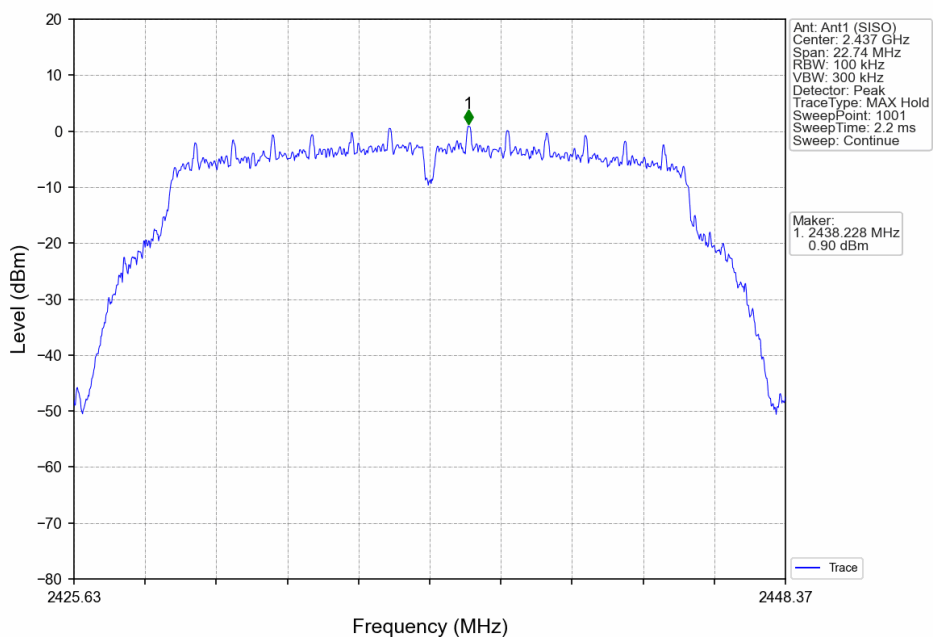
802.11g_LCH_2412MHz_Ant1 (SISO)_NTNV



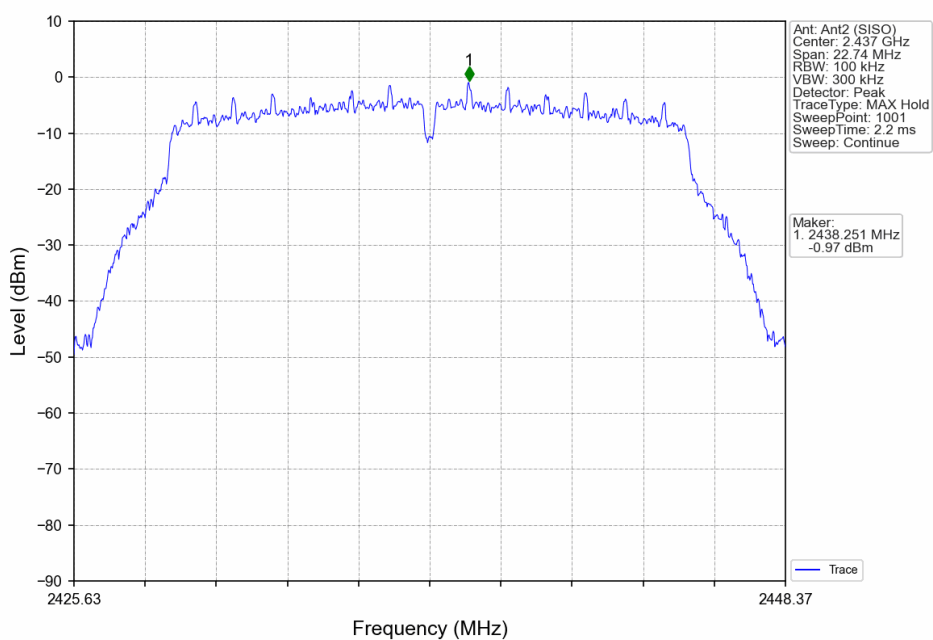
802.11g_LCH_2412MHz_Ant2 (SISO)_NTNV



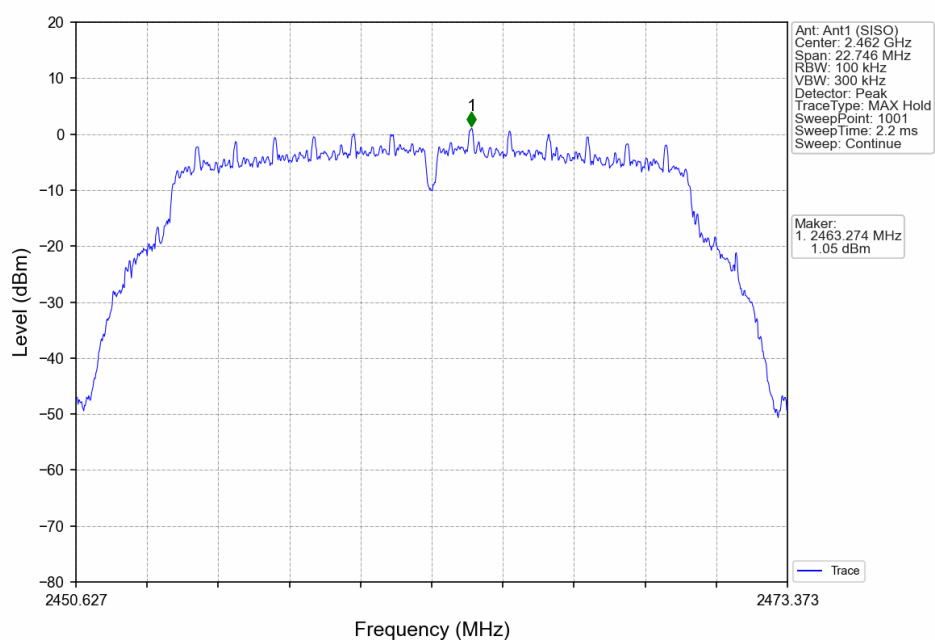
802.11g_MCH_2437MHz_Ant1 (SISO)_NTNV



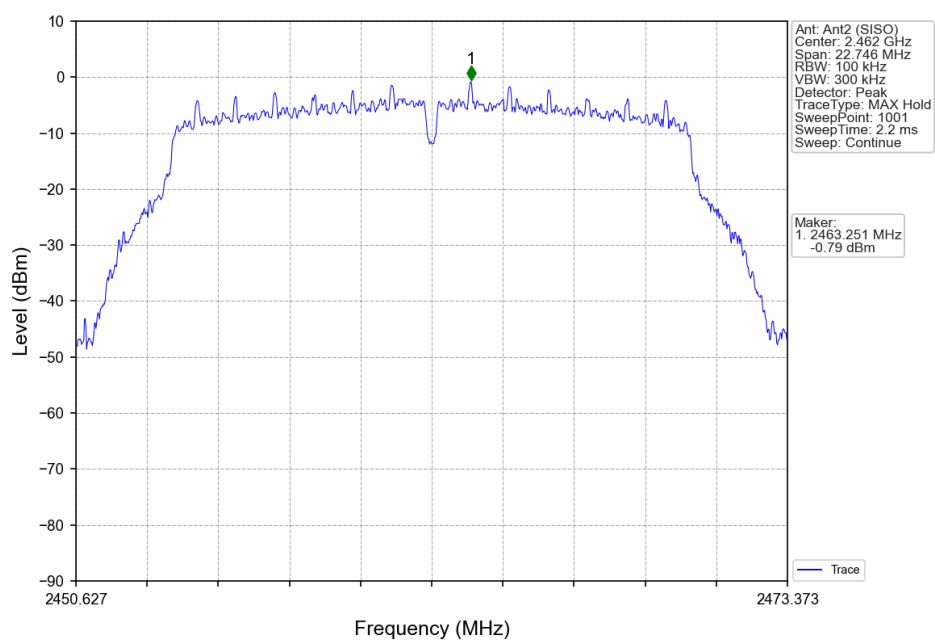
802.11g_MCH_2437MHz_Ant2 (SISO)_NTNV



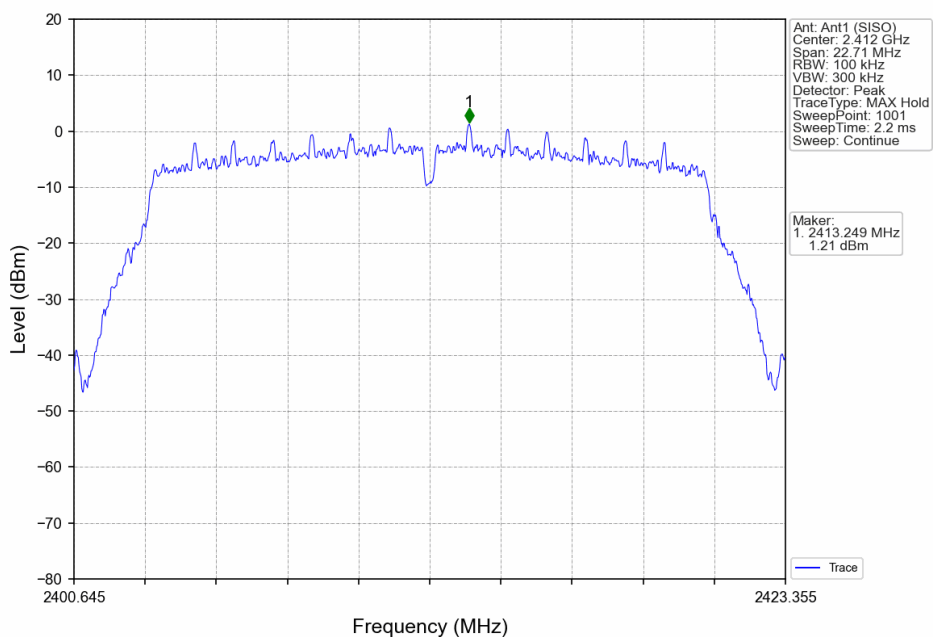
802.11g_HCH_2462MHz_Ant1 (SISO)_NTNV



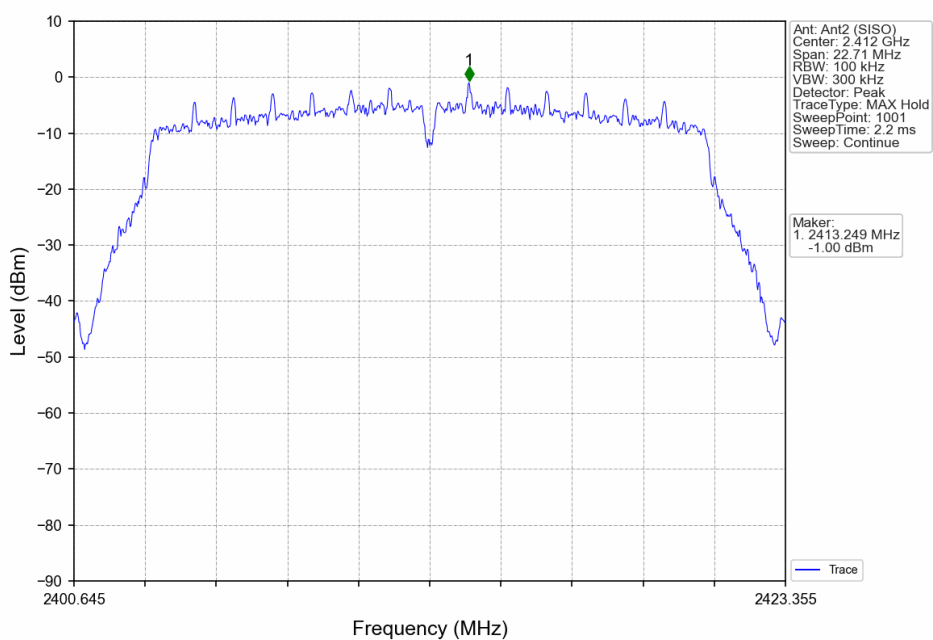
802.11g_HCH_2462MHz_Ant2 (SISO)_NTNV



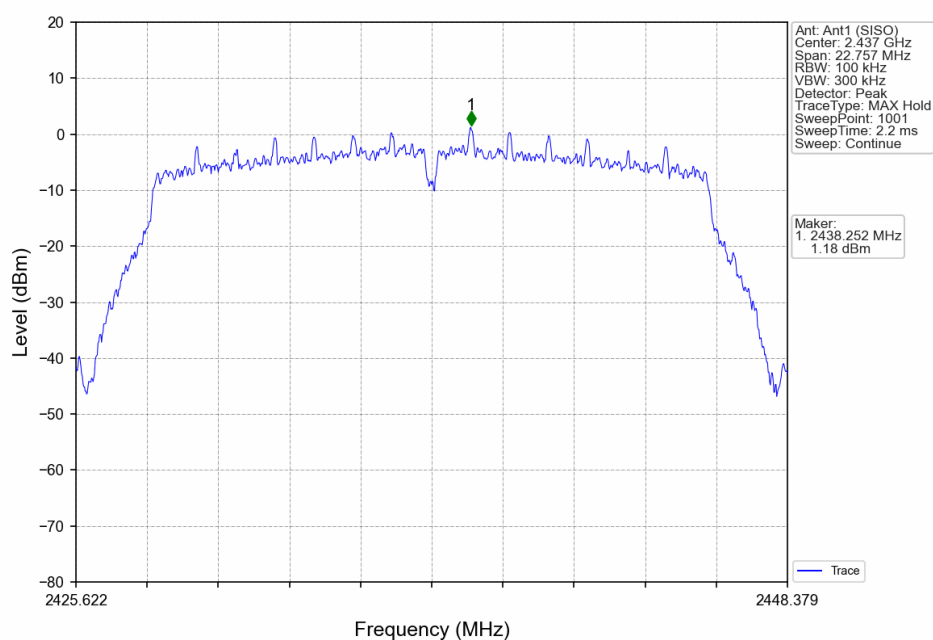
802.11n(HT20)_LCH_2412MHz_Ant1 (SISO)_NTNV



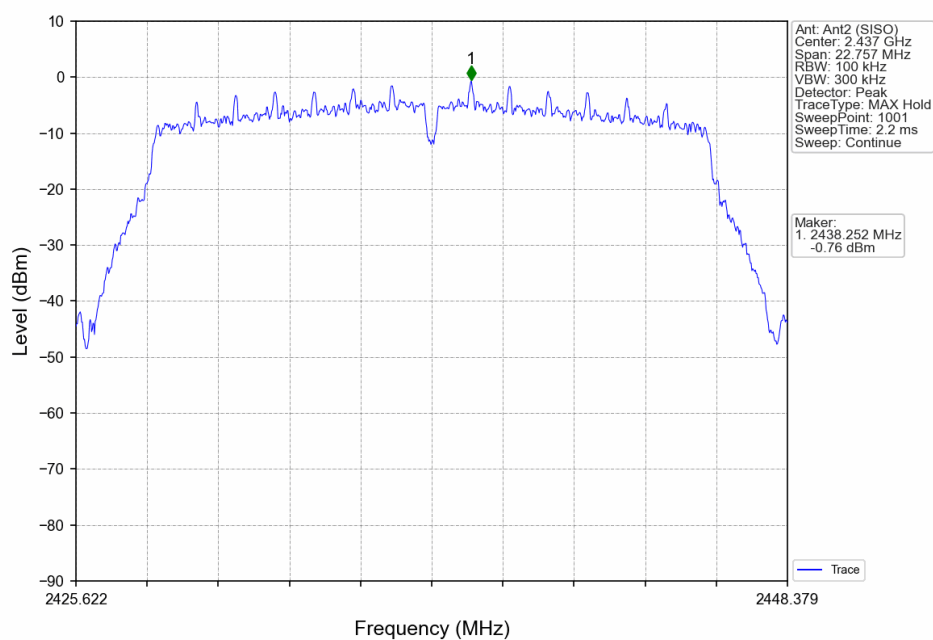
802.11n(HT20)_LCH_2412MHz_Ant2 (SISO)_NTNV



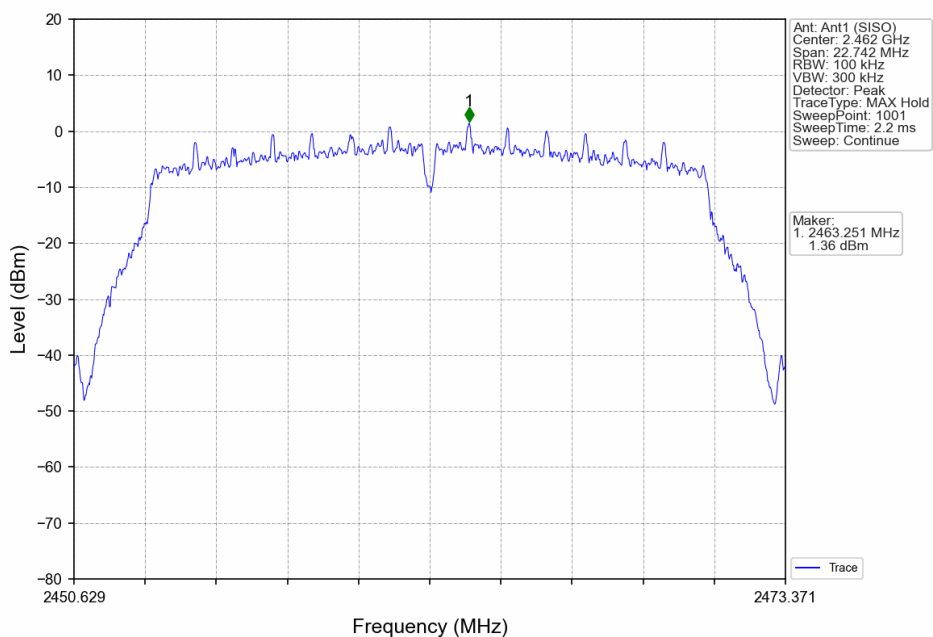
802.11n(HT20)_MCH_2437MHz_Ant1 (SISO)_NTNV



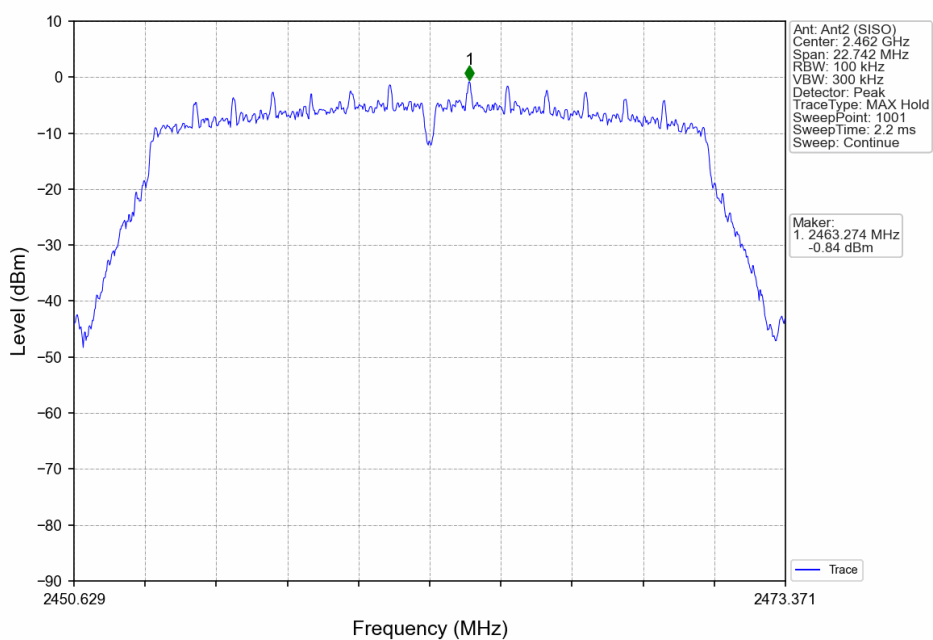
802.11n(HT20)_MCH_2437MHz_Ant2 (SISO)_NTNV



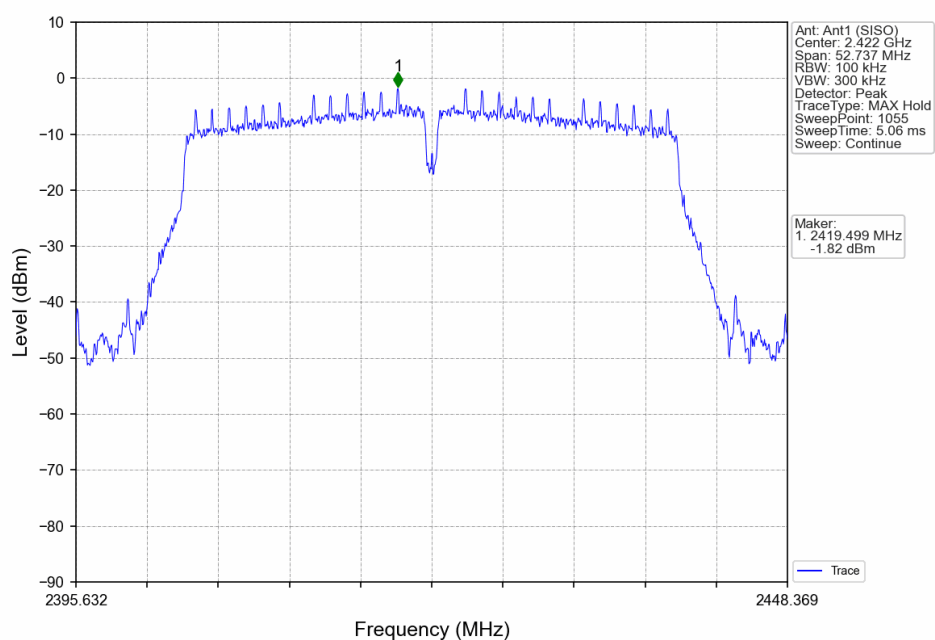
802.11n(HT20)_HCH_2462MHz_Ant1 (SISO)_NTNV



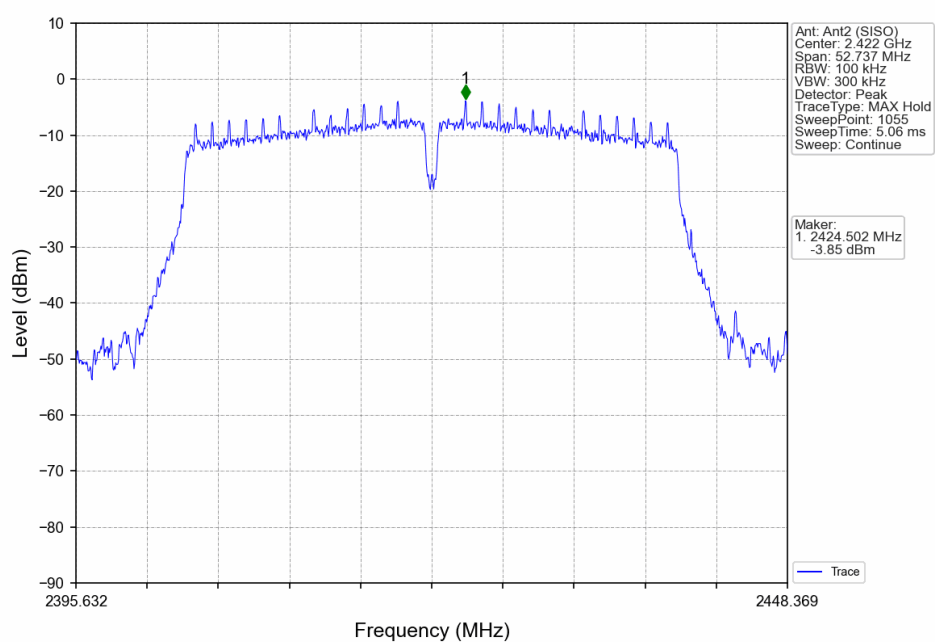
802.11n(HT20)_HCH_2462MHz_Ant2 (SISO)_NTNV



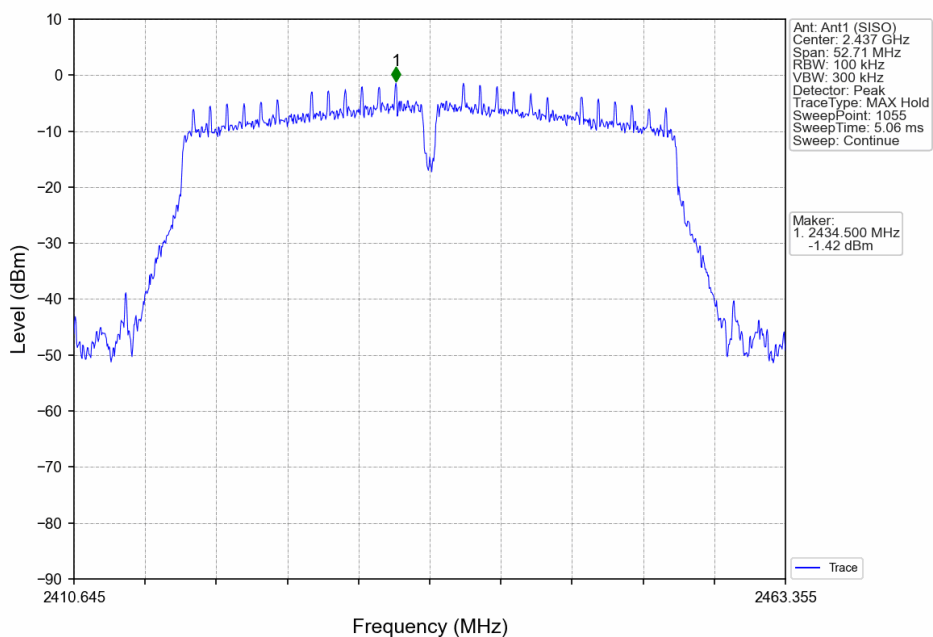
802.11n(HT40)_LCH_2422MHz_Ant1 (SISO)_NTNV



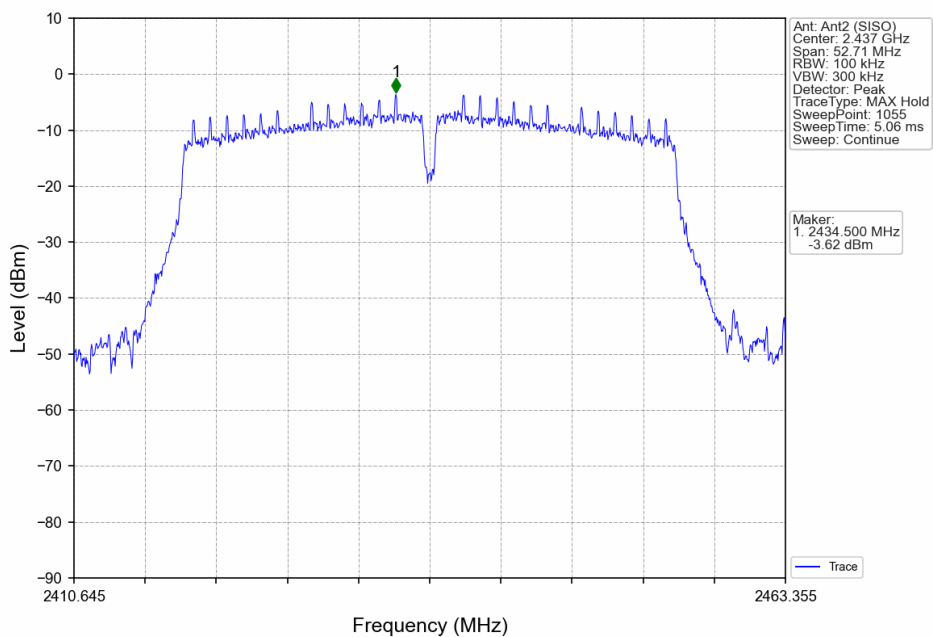
802.11n(HT40)_LCH_2422MHz_Ant2 (SISO)_NTNV



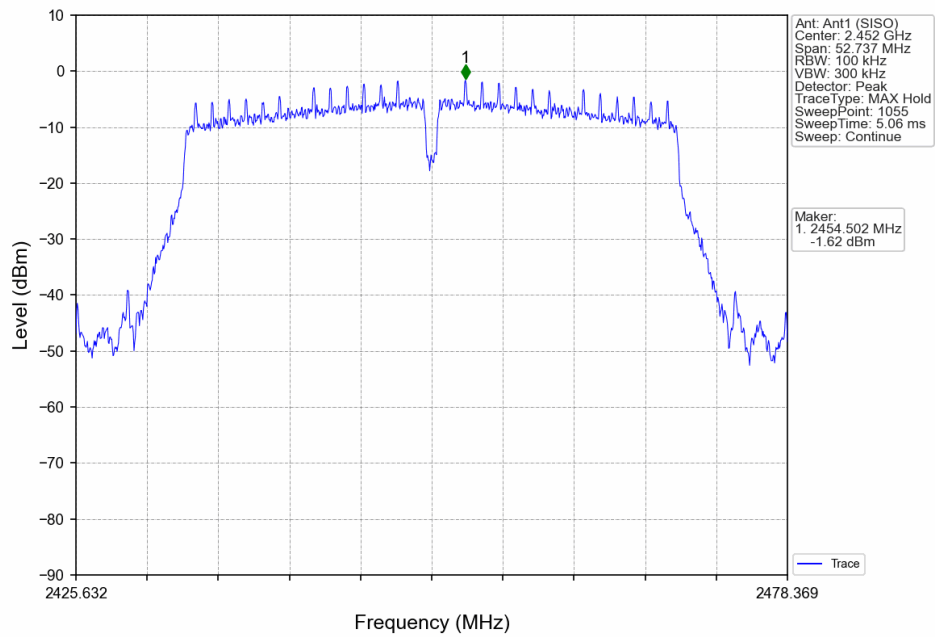
802.11n(HT40)_MCH_2437MHz_Ant1 (SISO)_NTNV



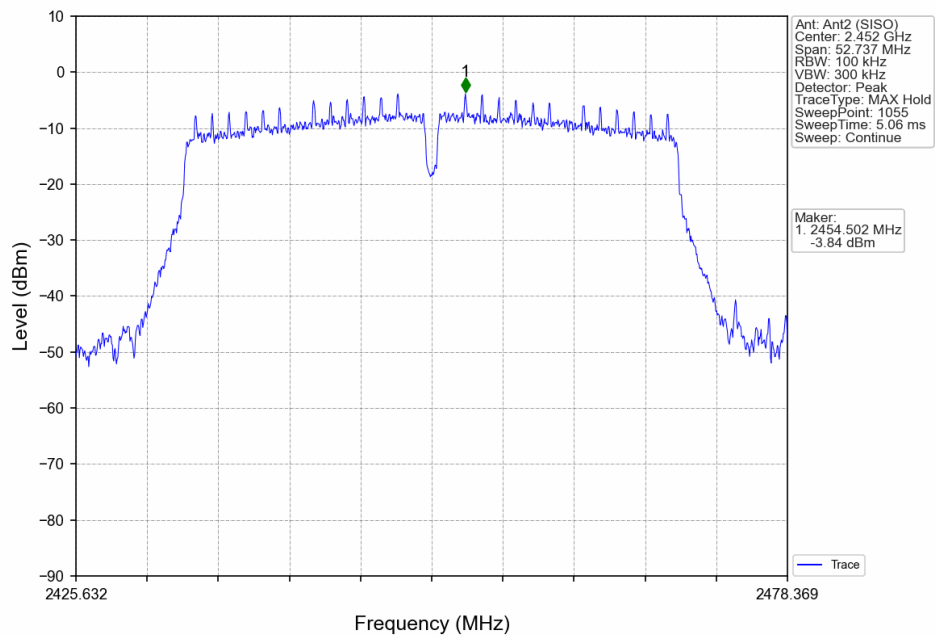
802.11n(HT40)_MCH_2437MHz_Ant2 (SISO)_NTNV



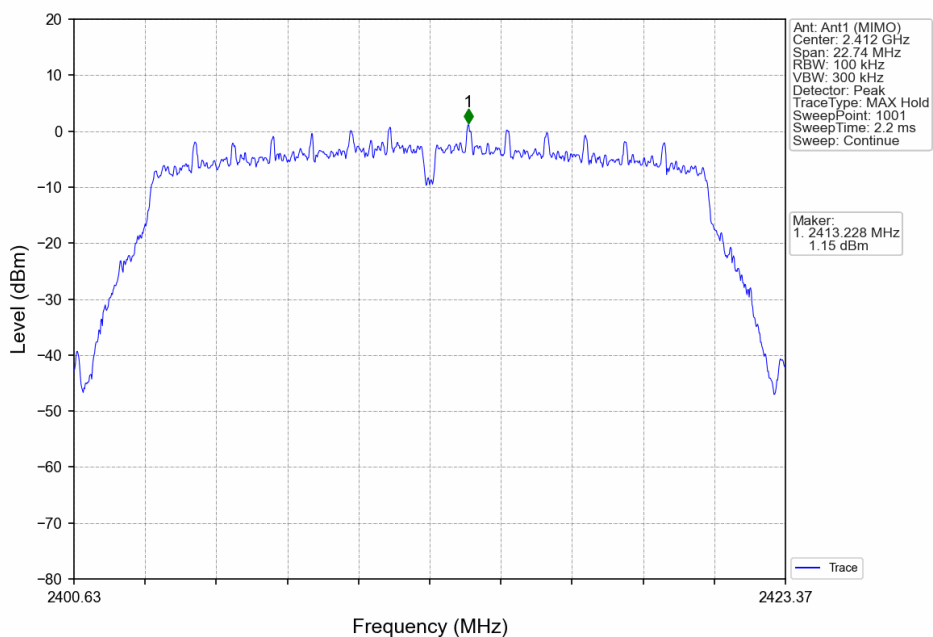
802.11n(HT40)_HCH_2452MHz_Ant1 (SISO)_NTNV



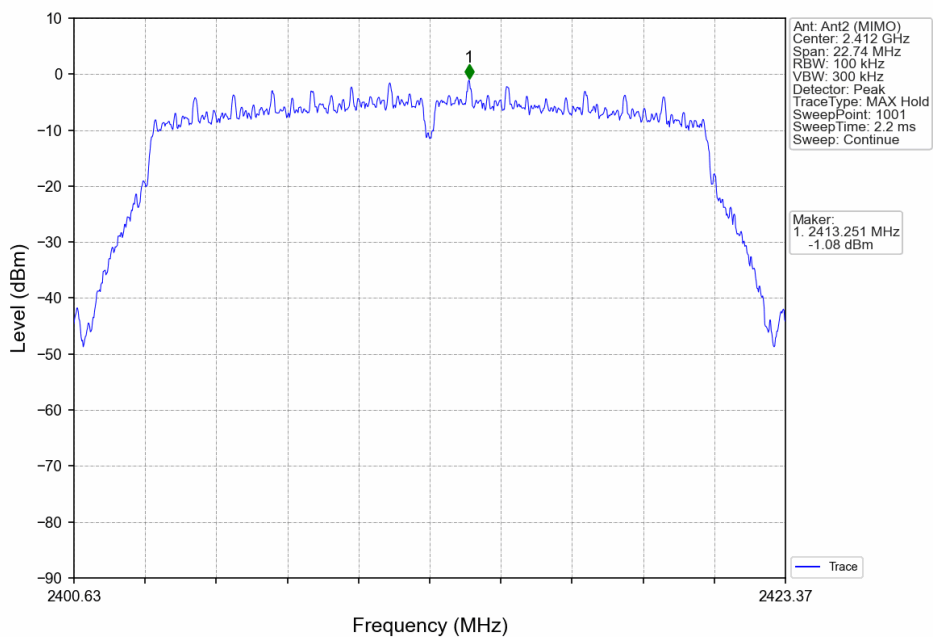
802.11n(HT40)_HCH_2452MHz_Ant2 (SISO)_NTNV



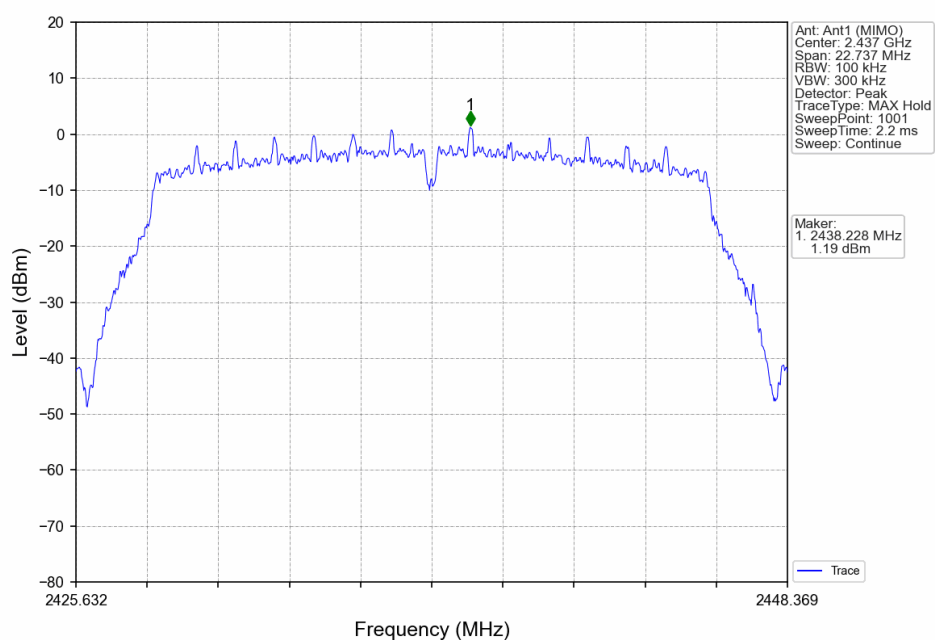
802.11n(HT20)_LCH_2412MHz_Ant1 (MIMO)_NTNV



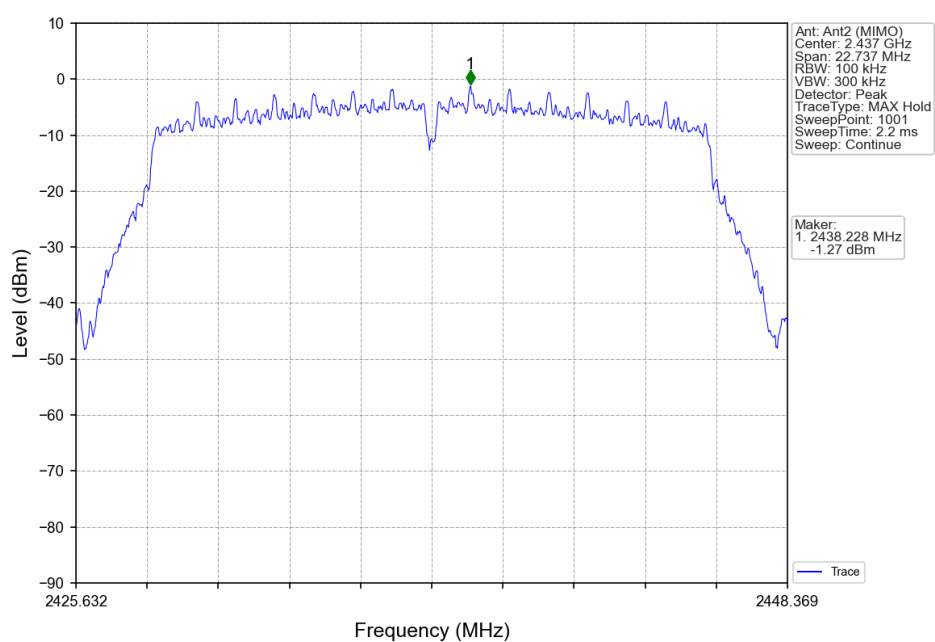
802.11n(HT20)_LCH_2412MHz_Ant2 (MIMO)_NTNV



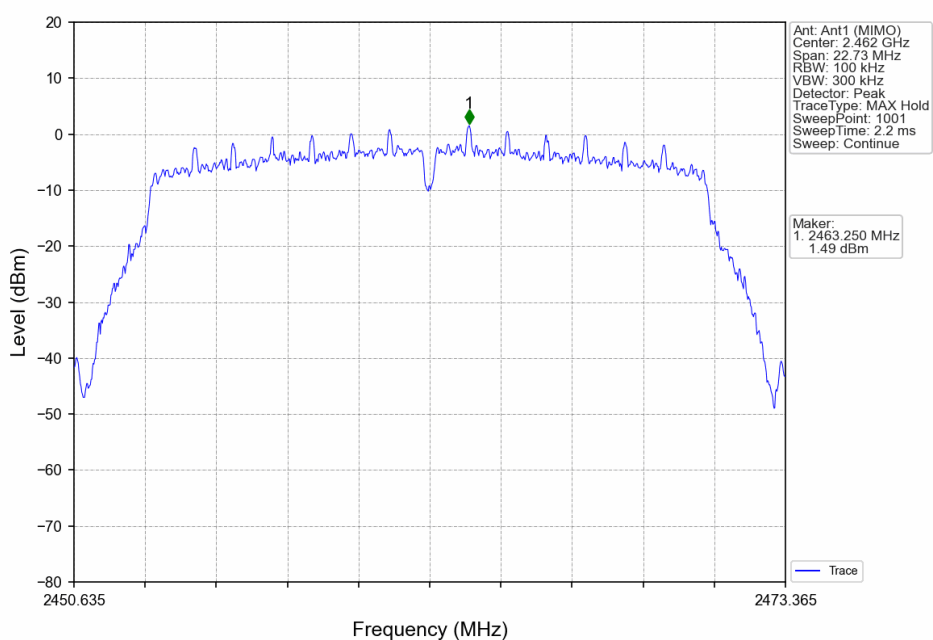
802.11n(HT20)_MCH_2437MHz_Ant1 (MIMO)_NTNV



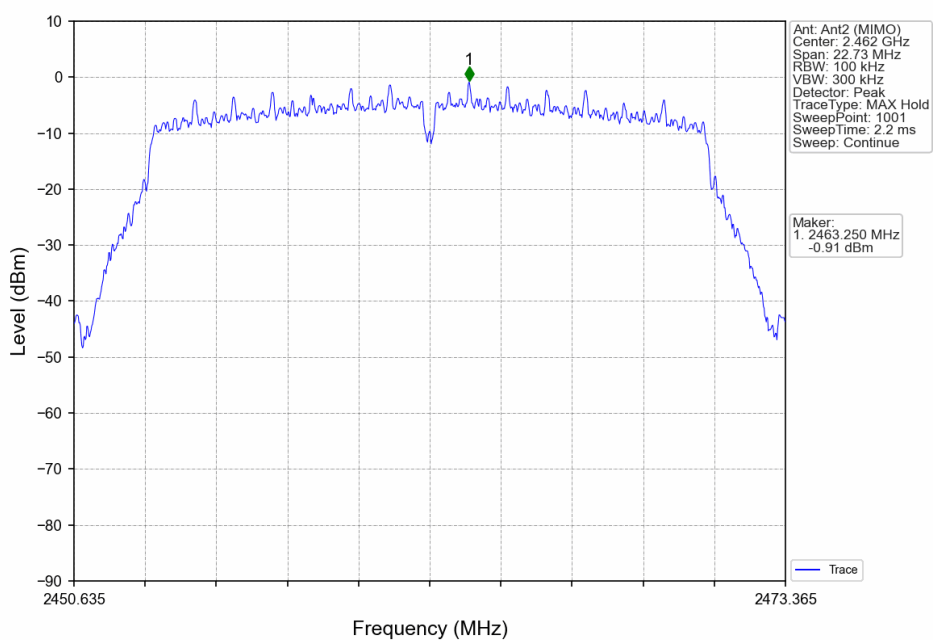
802.11n(HT20)_MCH_2437MHz_Ant2 (MIMO)_NTNV



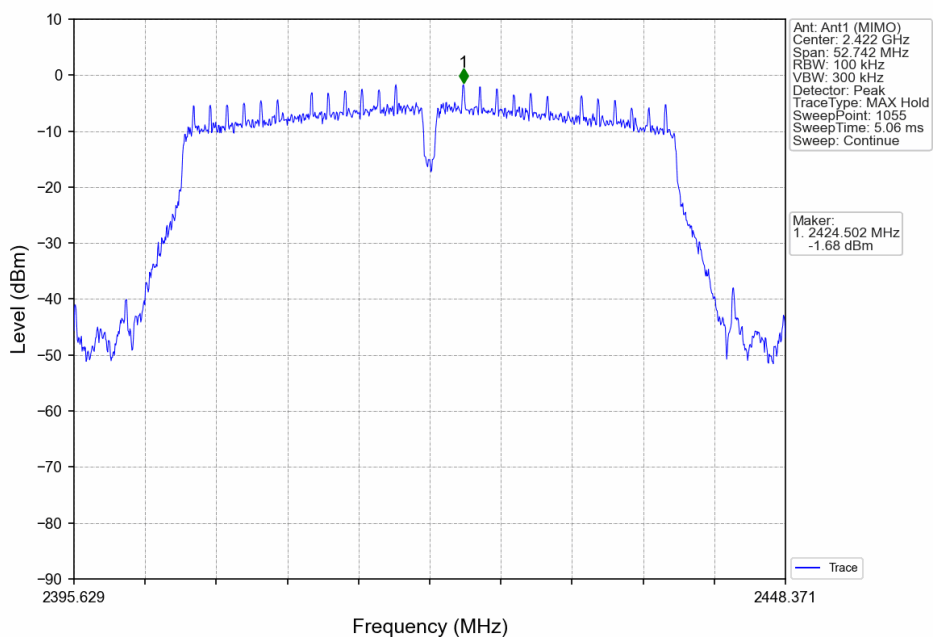
802.11n(HT20)_HCH_2462MHz_Ant1 (MIMO)_NTNV



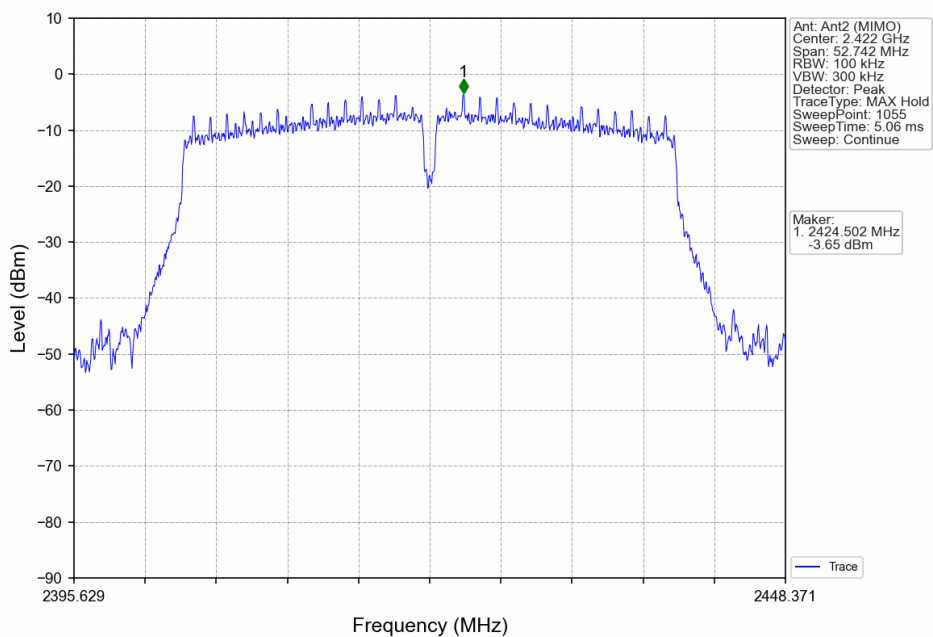
802.11n(HT20)_HCH_2462MHz_Ant2 (MIMO)_NTNV



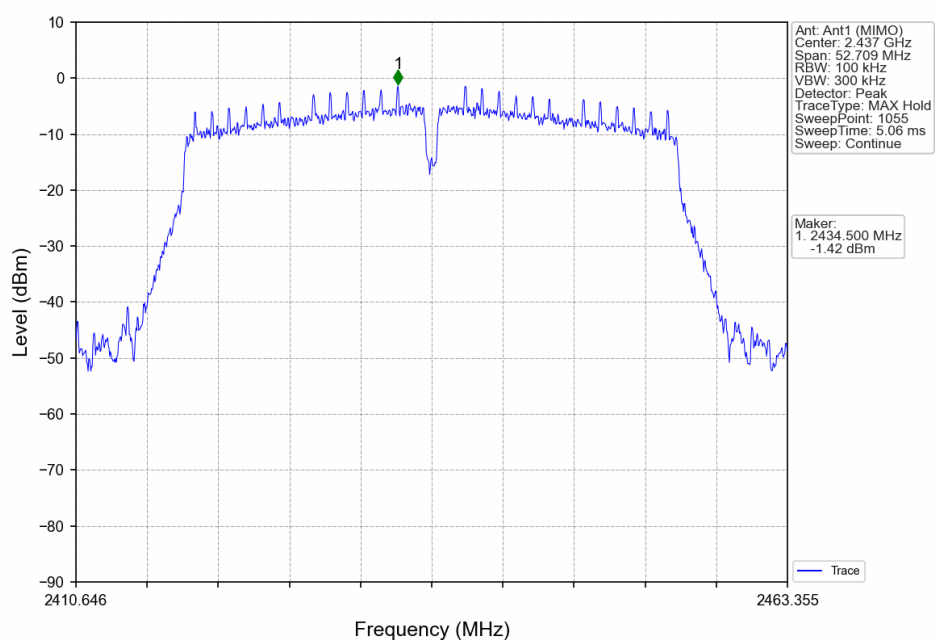
802.11n(HT40)_LCH_2422MHz_Ant1 (MIMO)_NTNV



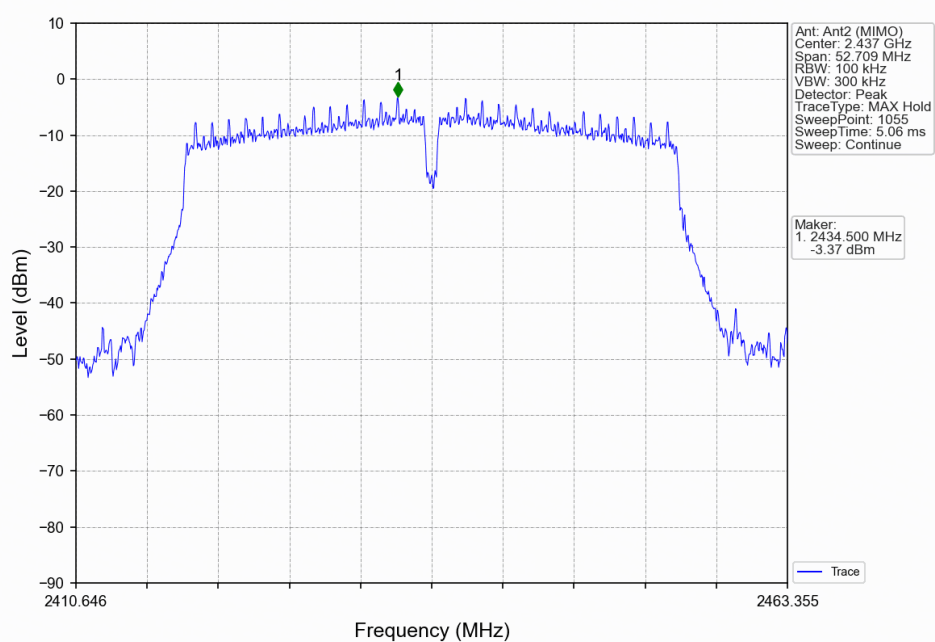
802.11n(HT40)_LCH_2422MHz_Ant2 (MIMO)_NTNV



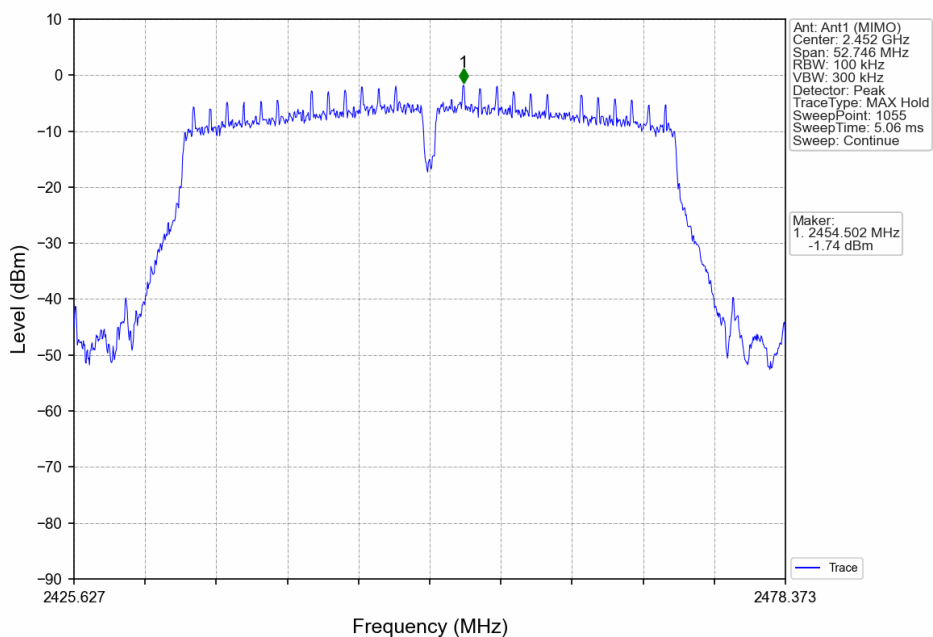
802.11n(HT40)_MCH_2437MHz_Ant1 (MIMO)_NTNV



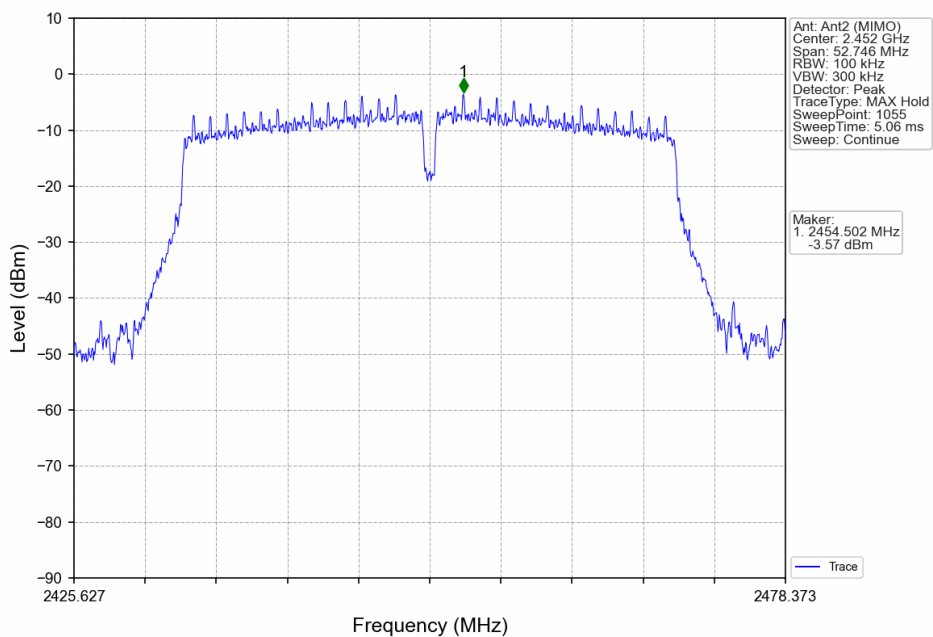
802.11n(HT40)_MCH_2437MHz_Ant2 (MIMO)_NTNV



802.11n(HT40)_HCH_2452MHz_Ant1 (MIMO)_NTNV



802.11n(HT40)_HCH_2452MHz_Ant2 (MIMO)_NTNV



5.2 CSE

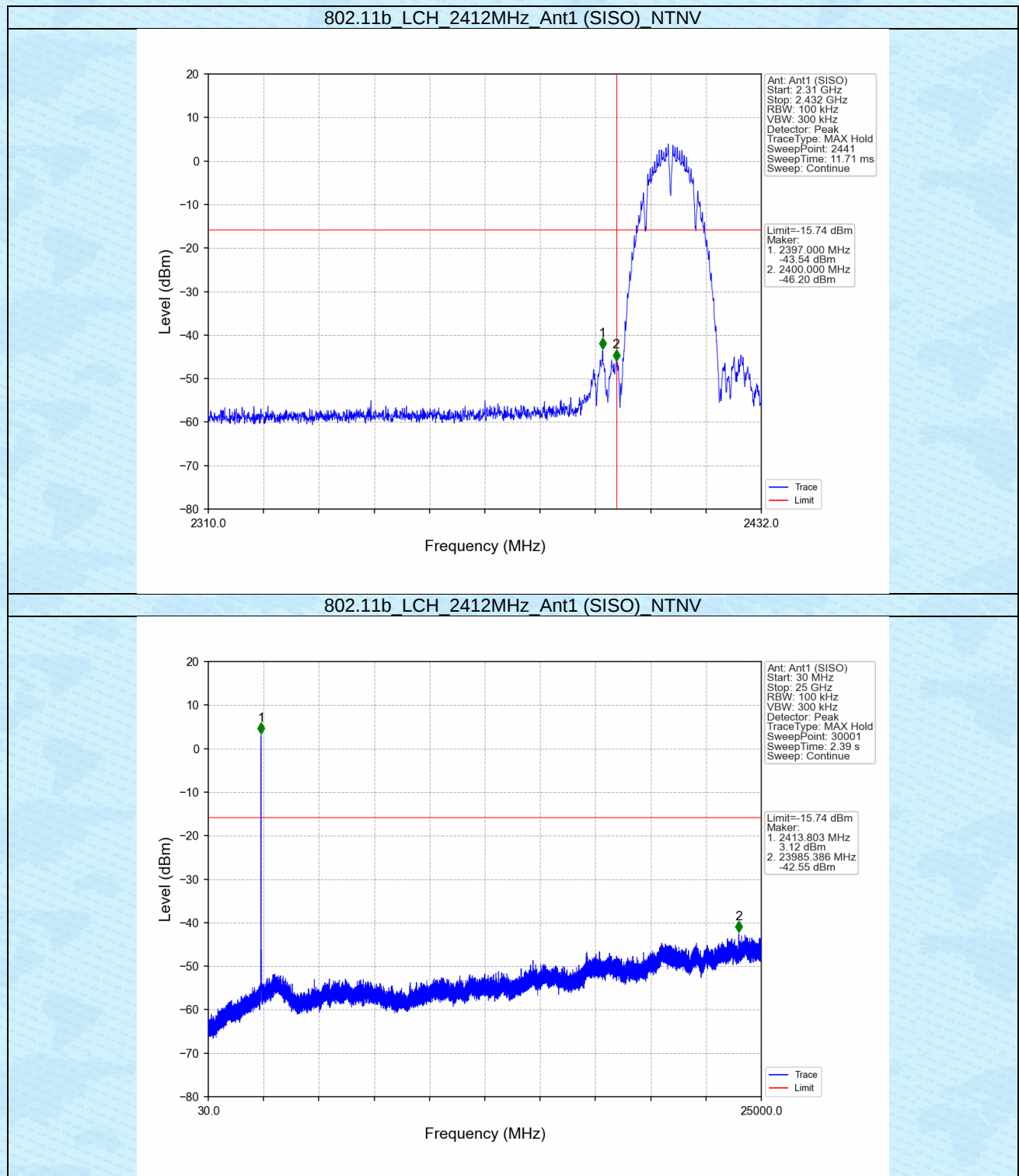
5.2.1 Test Result

Mode	TX Type	Frequency (MHz)	ANT	Level of Reference (dBm)	Limit (dBm)	Verdict
802.11b	SISO	2412	1	4.26	-15.74	Pass
			2	6.68	-13.32	Pass
		2437	1	4.26	-15.74	Pass
			2	6.68	-13.32	Pass
		2462	1	4.26	-15.74	Pass
			2	6.68	-13.32	Pass
802.11g	SISO	2412	1	1.20	-18.80	Pass
			2	-0.79	-20.79	Pass
		2437	1	1.20	-18.80	Pass
			2	-0.79	-20.79	Pass
		2462	1	1.20	-18.80	Pass
			2	-0.79	-20.79	Pass
802.11n (HT20)	SISO	2412	1	1.36	-18.64	Pass
			2	-0.76	-20.76	Pass
		2437	1	1.36	-18.64	Pass
			2	-0.76	-20.76	Pass
		2462	1	1.36	-18.64	Pass
			2	-0.76	-20.76	Pass
802.11n (HT40)	SISO	2422	1	-1.42	-21.42	Pass
			2	-3.62	-23.62	Pass
		2437	1	-1.42	-21.42	Pass
			2	-3.62	-23.62	Pass
		2452	1	-1.42	-21.42	Pass
			2	-3.62	-23.62	Pass
802.11n (HT20)	MIMO	2412	1	1.49	-18.51	Pass
			2	-0.91	-20.91	Pass
			MIMO	3.46	-16.54	Pass
		2437	1	1.49	-18.51	Pass
			2	-0.91	-20.91	Pass
			MIMO	3.46	-16.54	Pass
		2462	1	1.49	-18.51	Pass
			2	-0.91	-20.91	Pass
			MIMO	3.46	-16.54	Pass
802.11n (HT40)	MIMO	2422	1	-1.42	-21.42	Pass
			2	-3.37	-23.37	Pass
			MIMO	0.72	-19.28	Pass
		2437	1	-1.42	-21.42	Pass
			2	-3.37	-23.37	Pass
			MIMO	0.72	-19.28	Pass
		2452	1	-1.42	-21.42	Pass
			2	-3.37	-23.37	Pass
			MIMO	0.72	-19.28	Pass

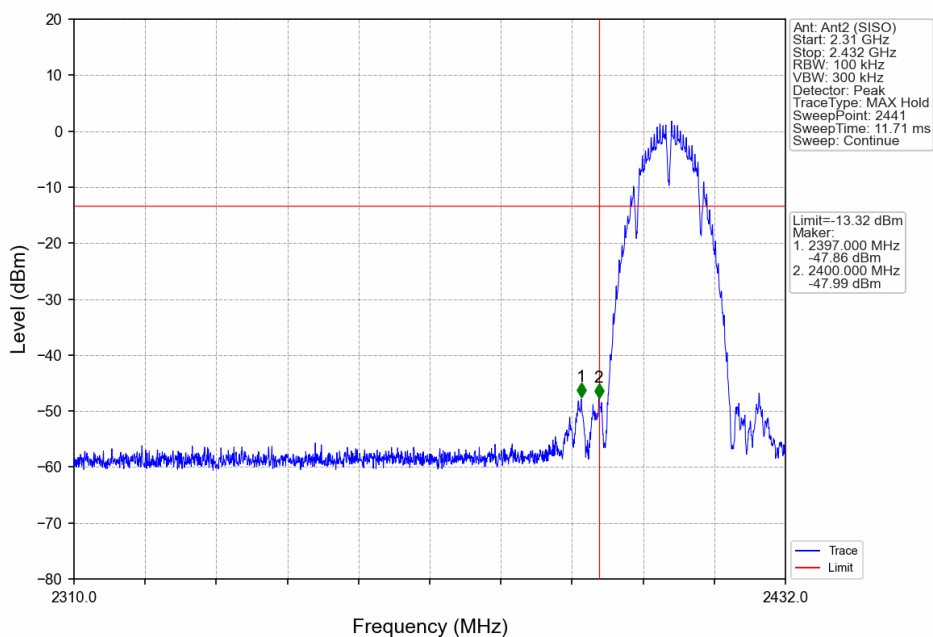
Note1: Refer to FCC Part 15.247 (d) and ANSI C63.10-2013, the channel contains the maximum PSD level was used to establish the reference level.

The tighter limit applies at the spurious emissions band.

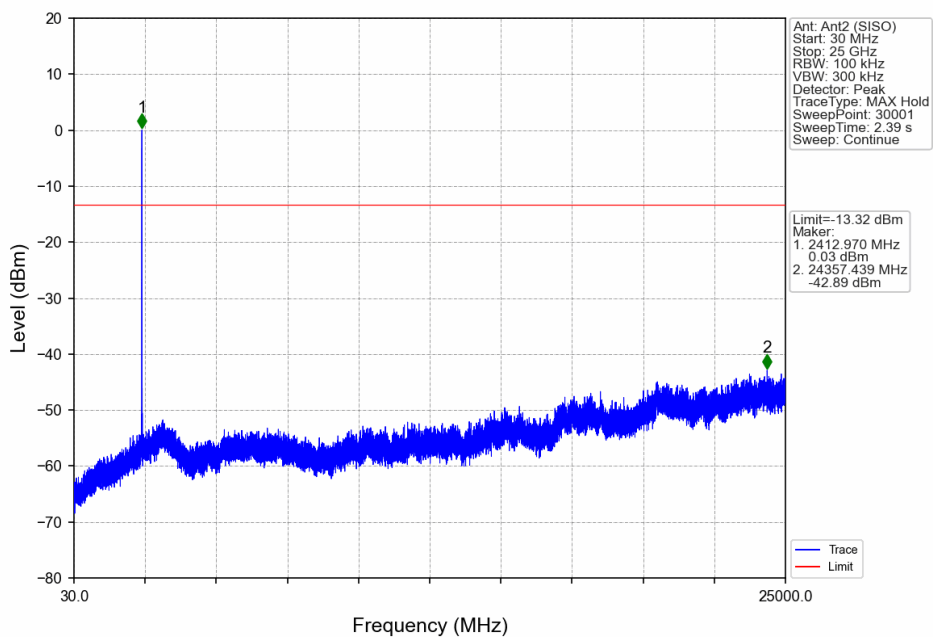
5.2.2 Test Graph



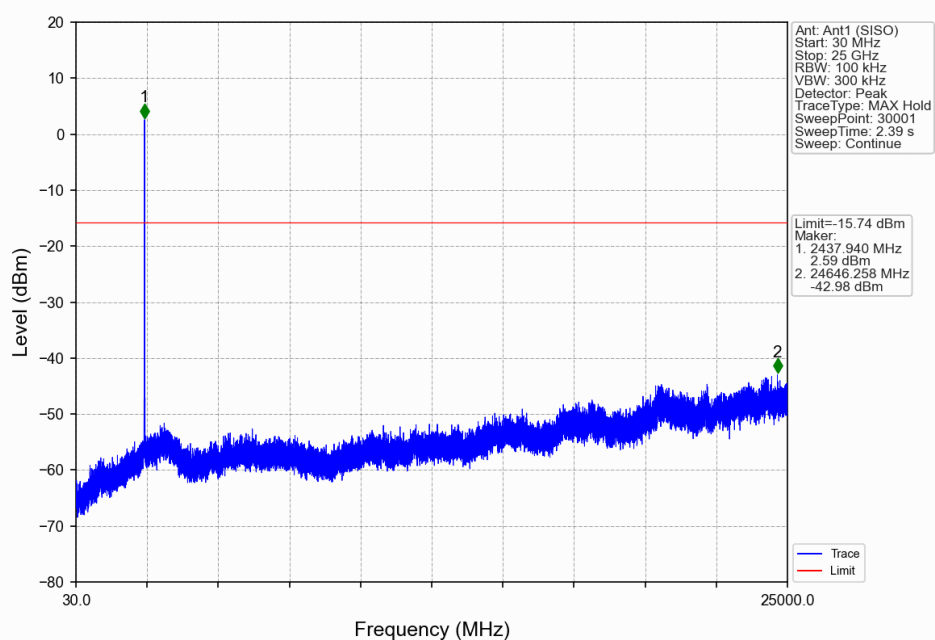
802.11b_LCH_2412MHz_Ant2 (SISO)_NTNV



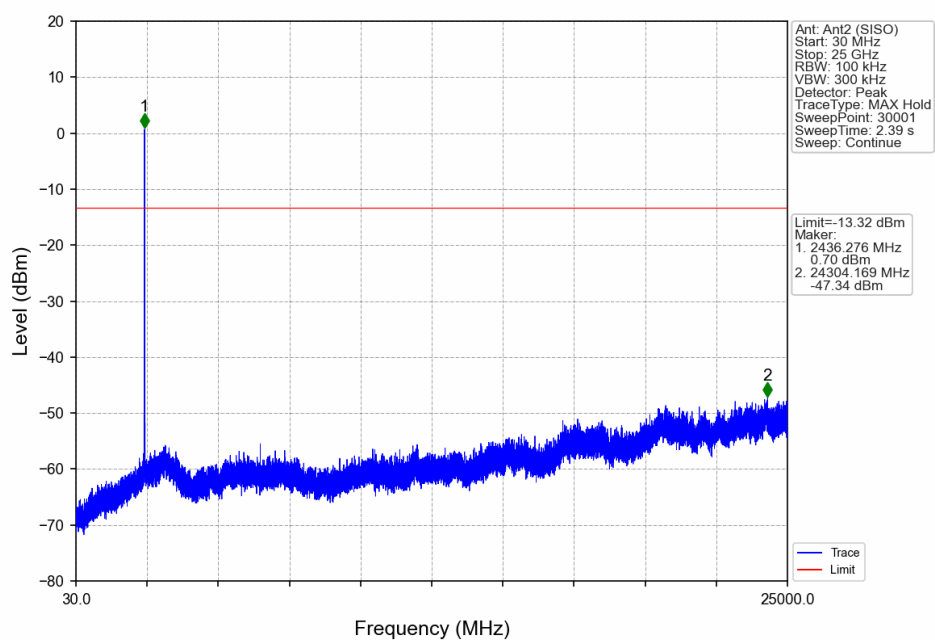
802.11b_LCH_2412MHz_Ant2 (SISO)_NTNV



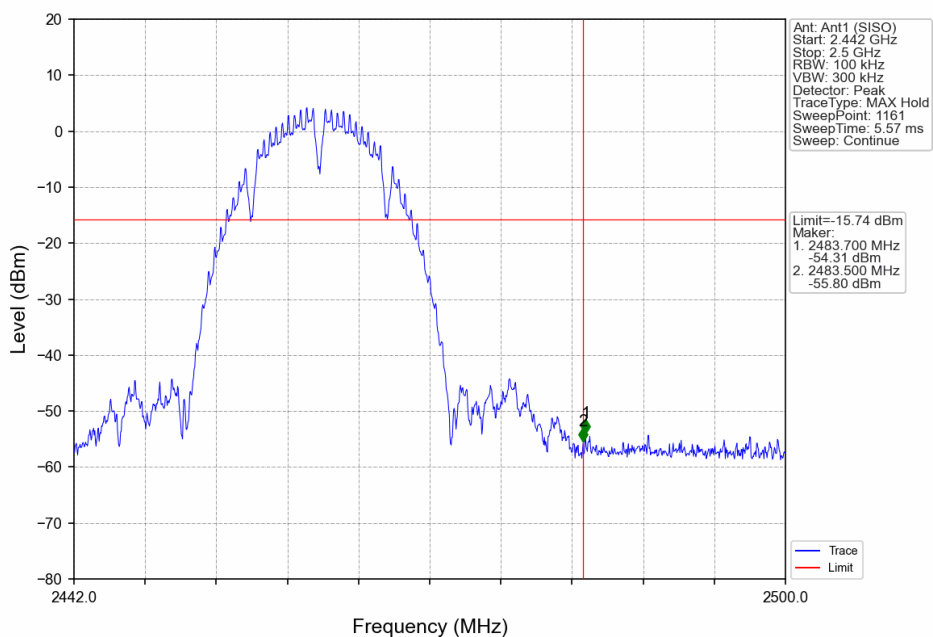
802.11b_MCH_2437MHz_Ant1 (SISO)_NTNV



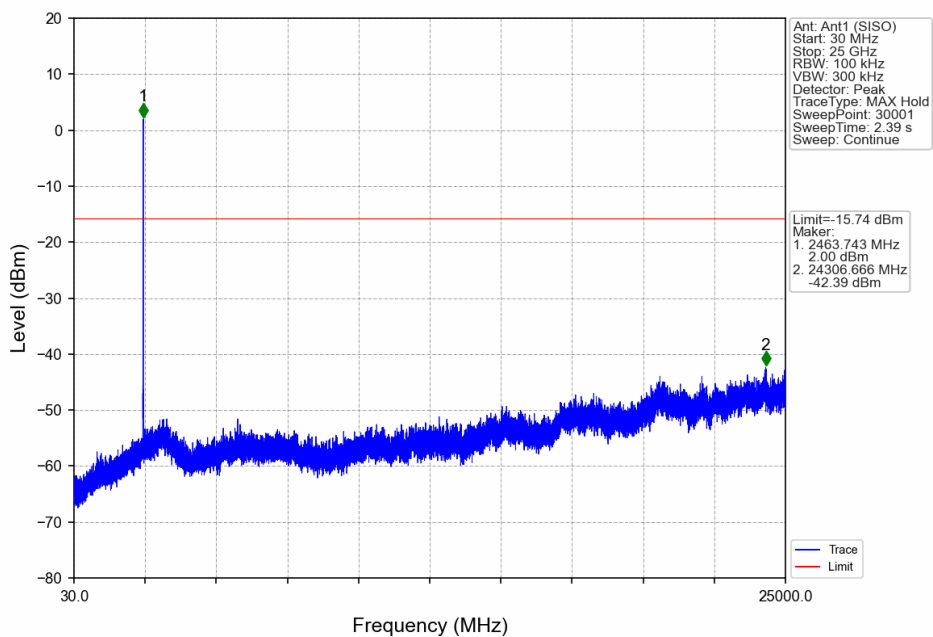
802.11b_MCH_2437MHz_Ant2 (SISO)_NTNV



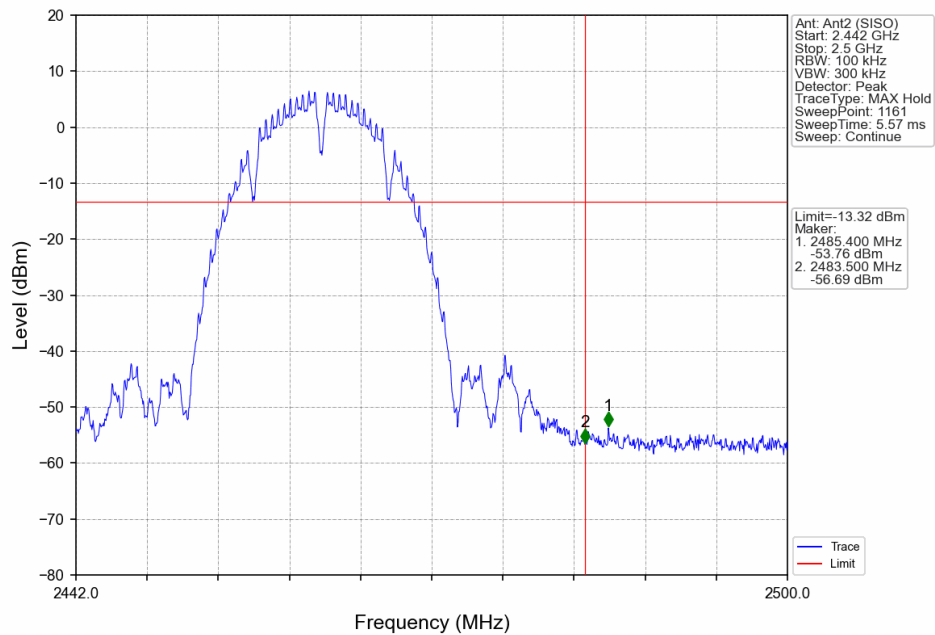
802.11b_HCH_2462MHz_Ant1 (SISO)_NTNV



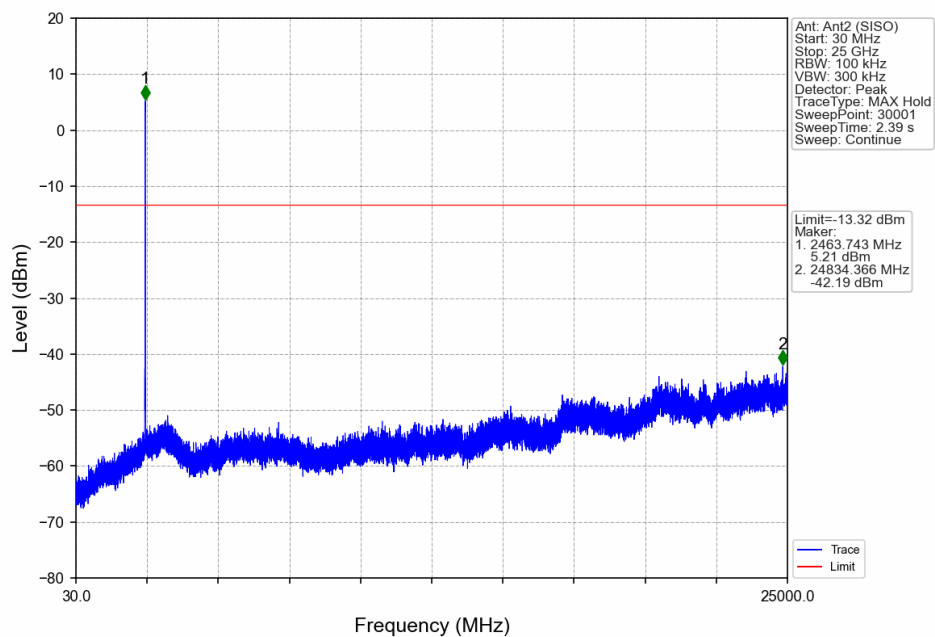
802.11b_HCH_2462MHz_Ant1 (SISO)_NTNV



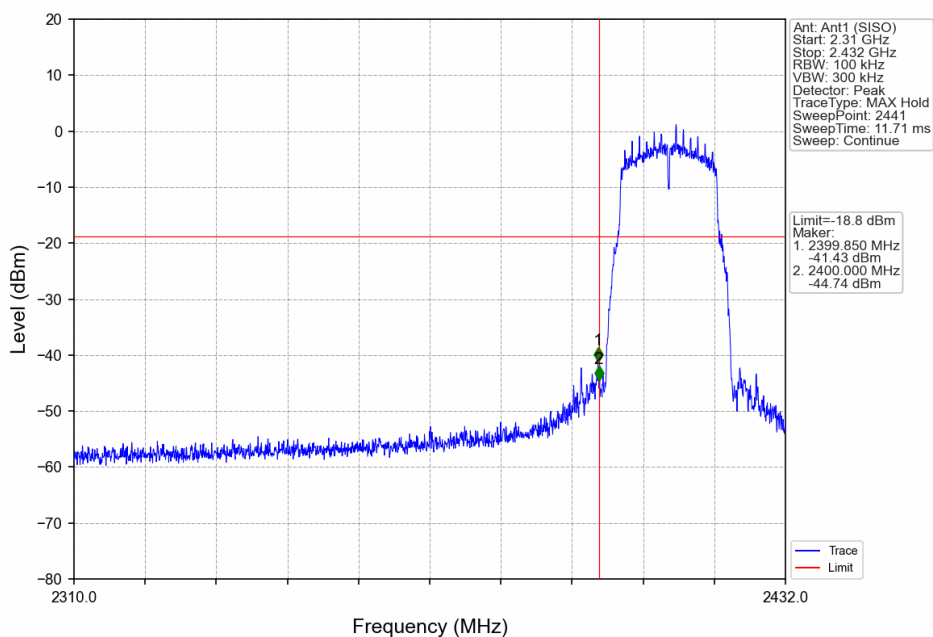
802.11b_HCH_2462MHz_Ant2 (SISO)_NTNV



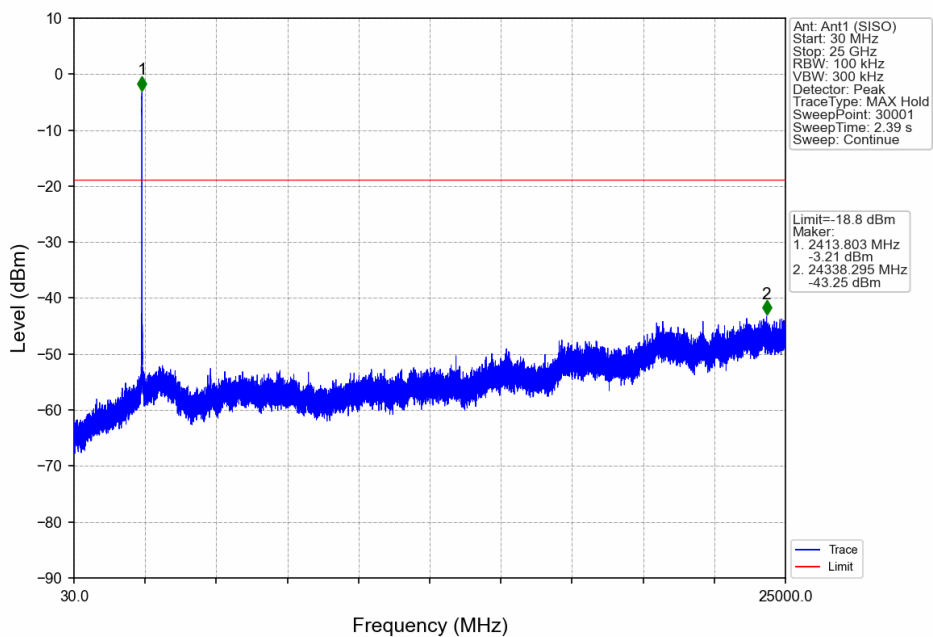
802.11b_HCH_2462MHz_Ant2 (SISO)_NTNV



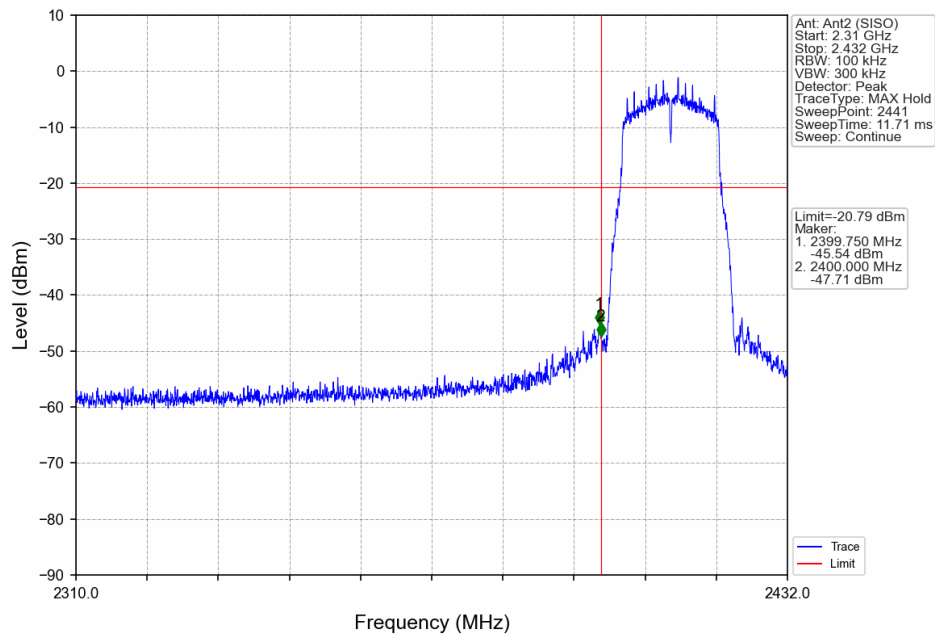
802.11g_LCH_2412MHz_Ant1 (SISO)_NTNV



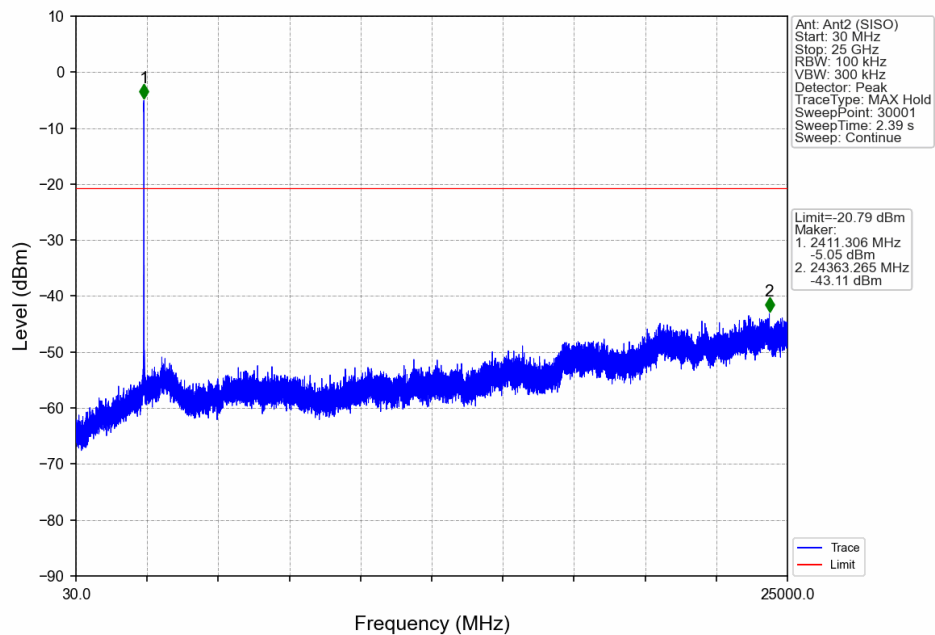
802.11g_LCH_2412MHz_Ant1 (SISO)_NTNV



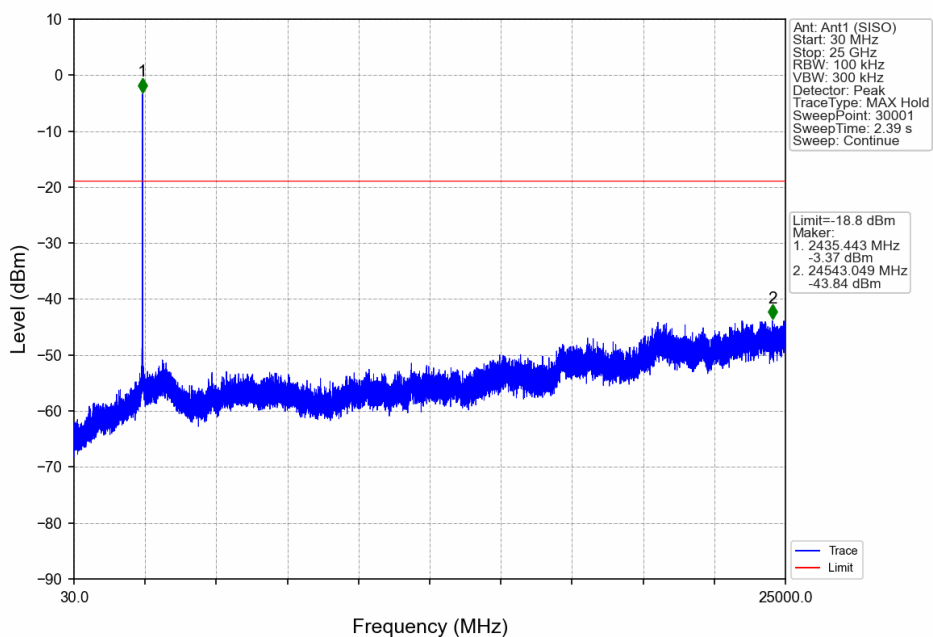
802.11g_LCH_2412MHz_Ant2 (SISO)_NTNV



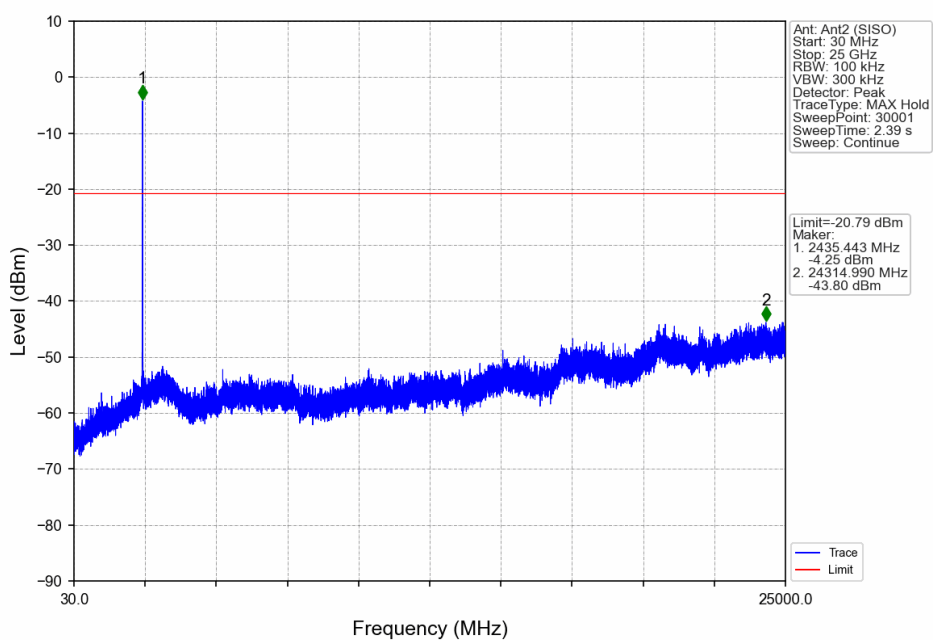
802.11g_LCH_2412MHz_Ant2 (SISO)_NTNV



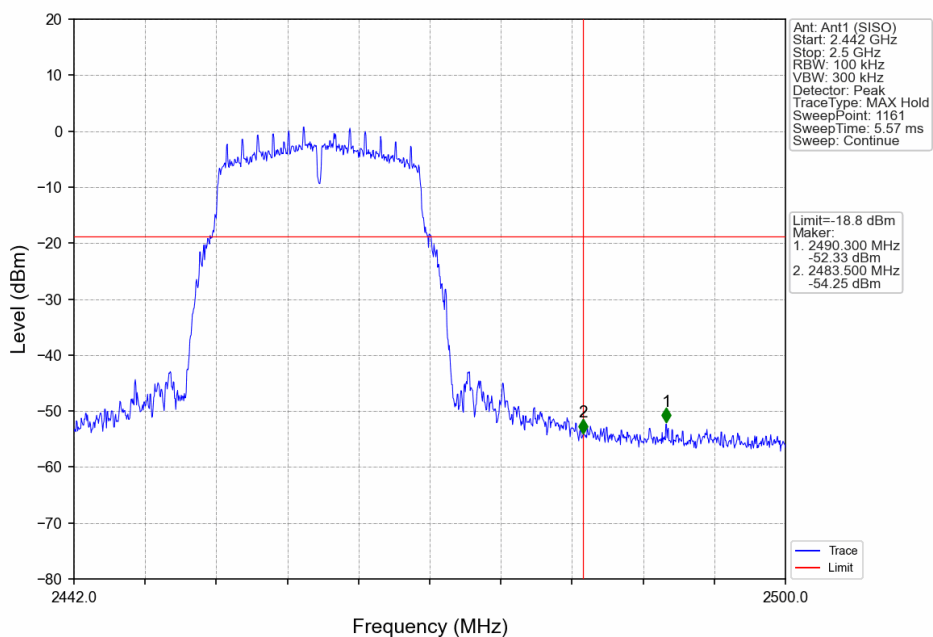
802.11g_MCH_2437MHz_Ant1 (SISO)_NTNV



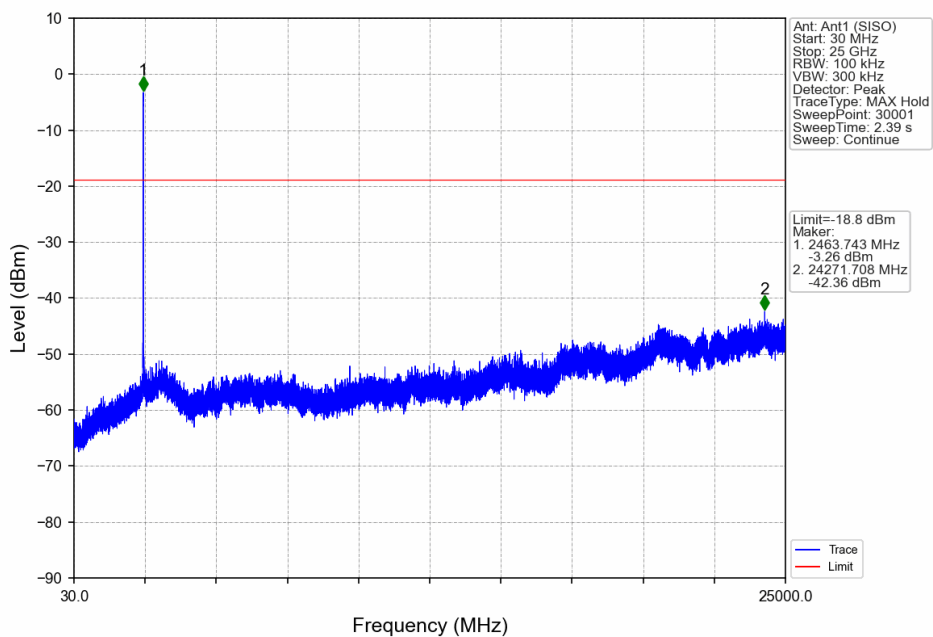
802.11g_MCH_2437MHz_Ant2 (SISO)_NTNV



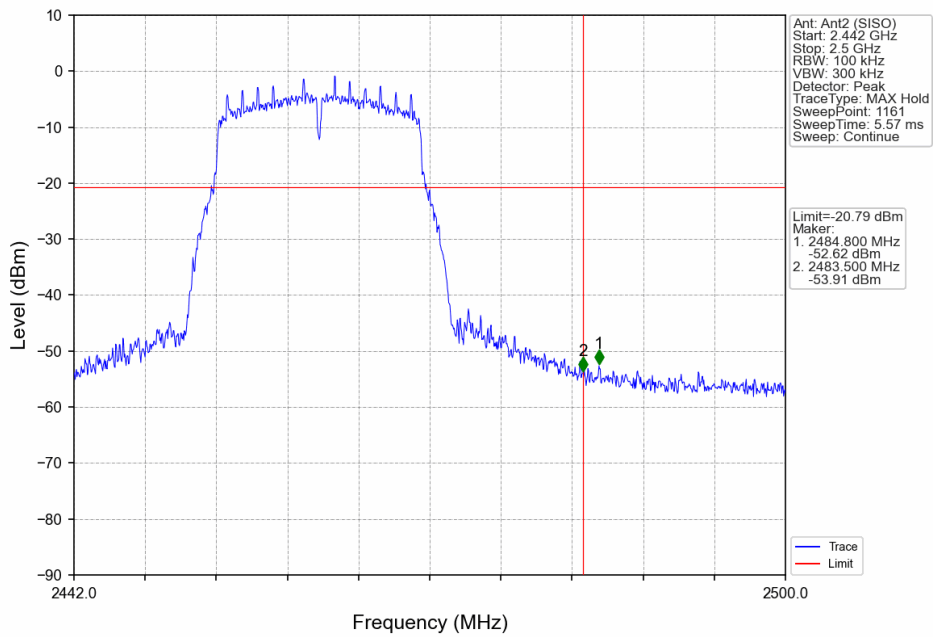
802.11g_HCH_2462MHz_Ant1 (SISO)_NTNV



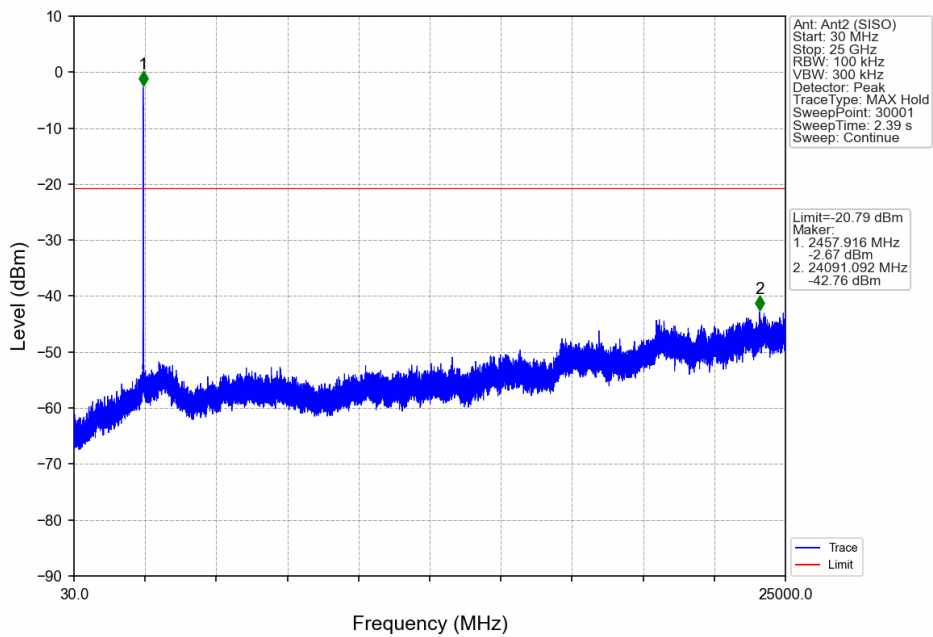
802.11g_HCH_2462MHz_Ant1 (SISO)_NTNV



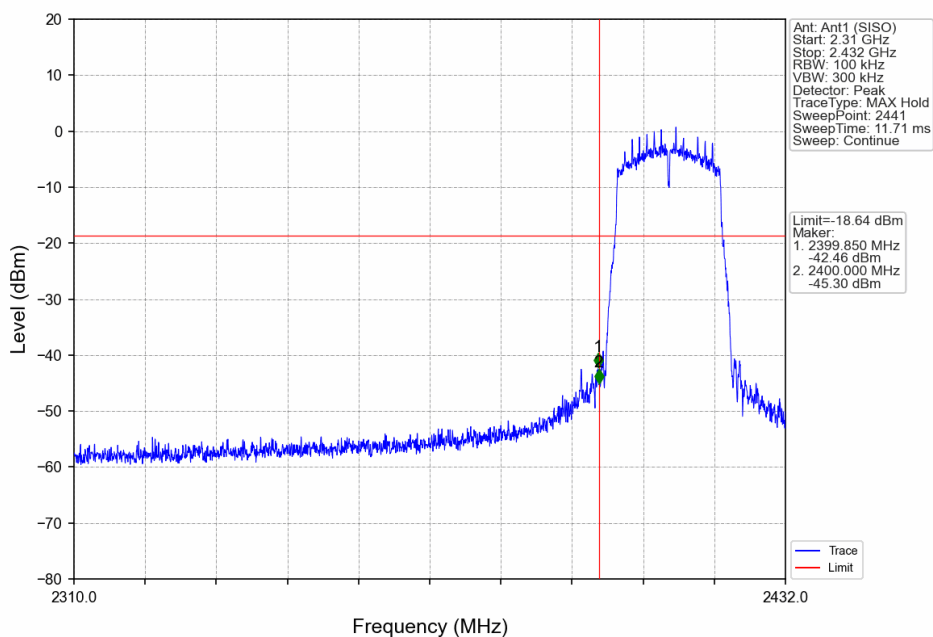
802.11g_HCH_2462MHz_Ant2 (SISO)_NTNV



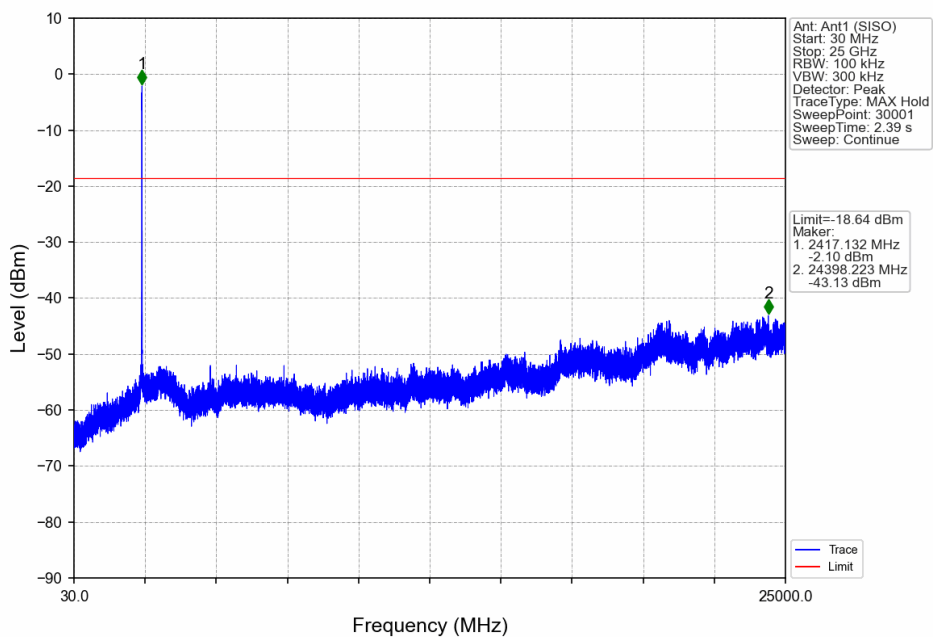
802.11g_HCH_2462MHz_Ant2 (SISO)_NTNV



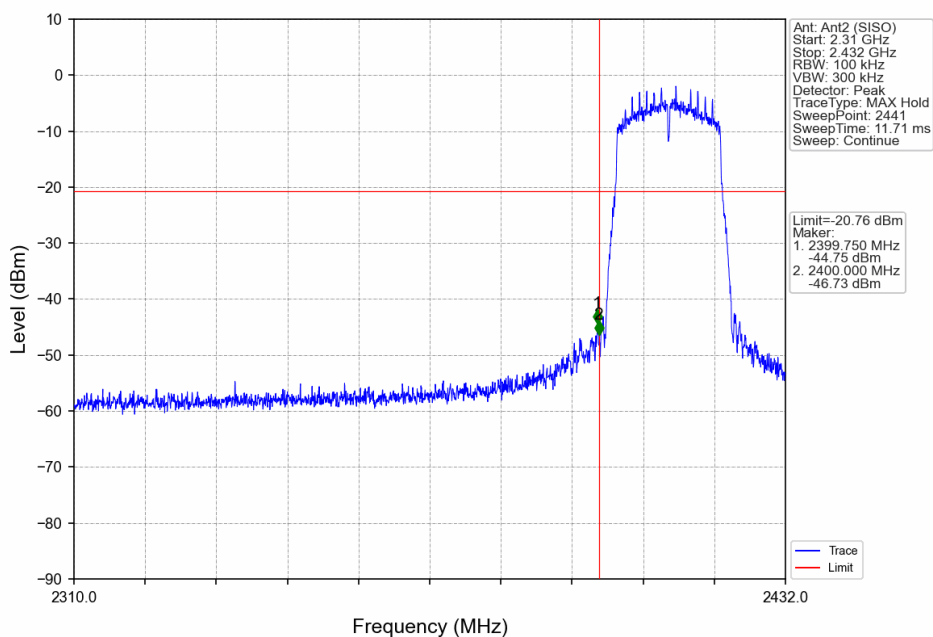
802.11n(HT20)_LCH_2412MHz_Ant1 (SISO)_NTNV



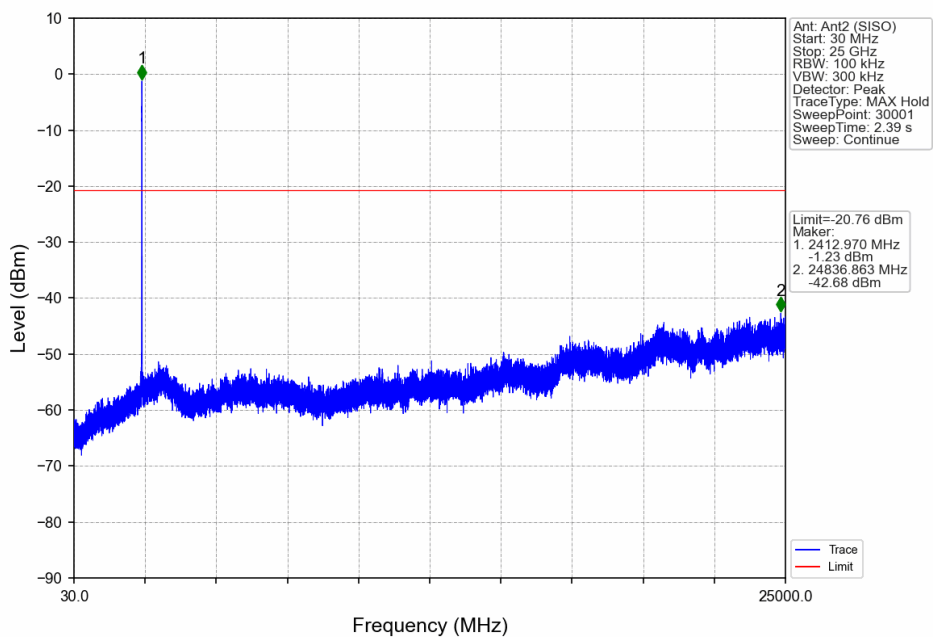
802.11n(HT20)_LCH_2412MHz_Ant1 (SISO)_NTNV



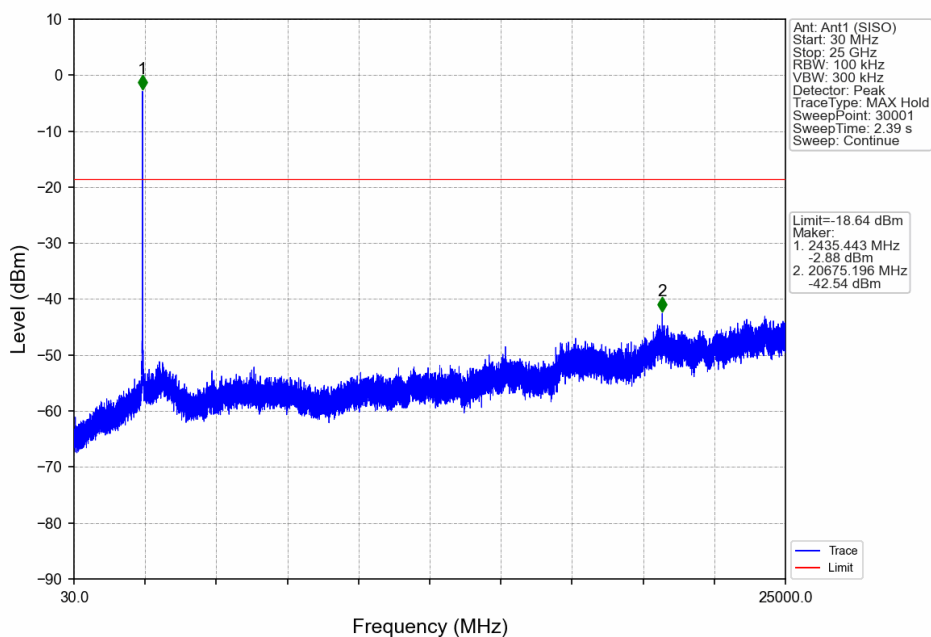
802.11n(HT20)_LCH_2412MHz_Ant2 (SISO)_NTNV



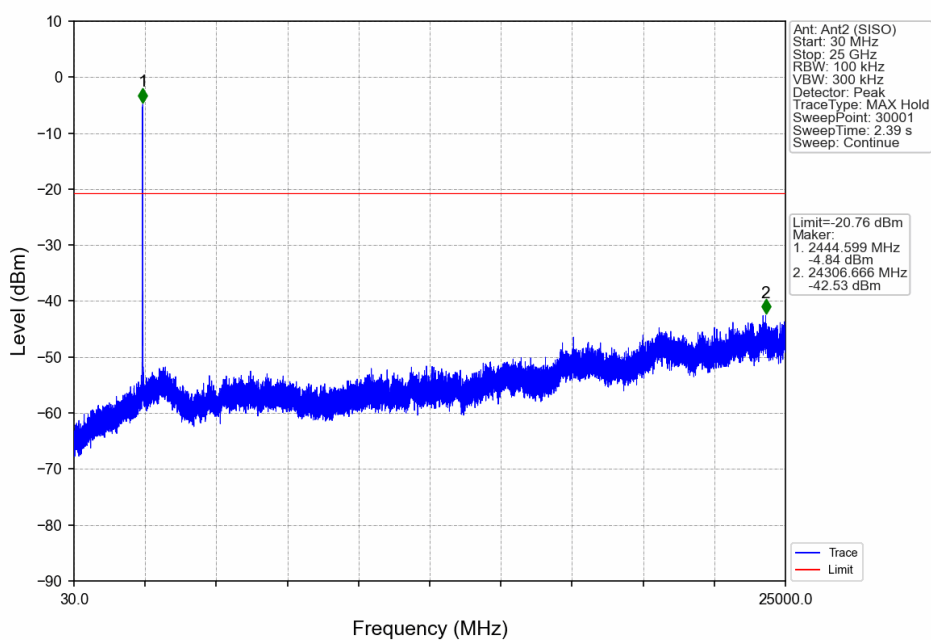
802.11n(HT20)_LCH_2412MHz_Ant2 (SISO)_NTNV



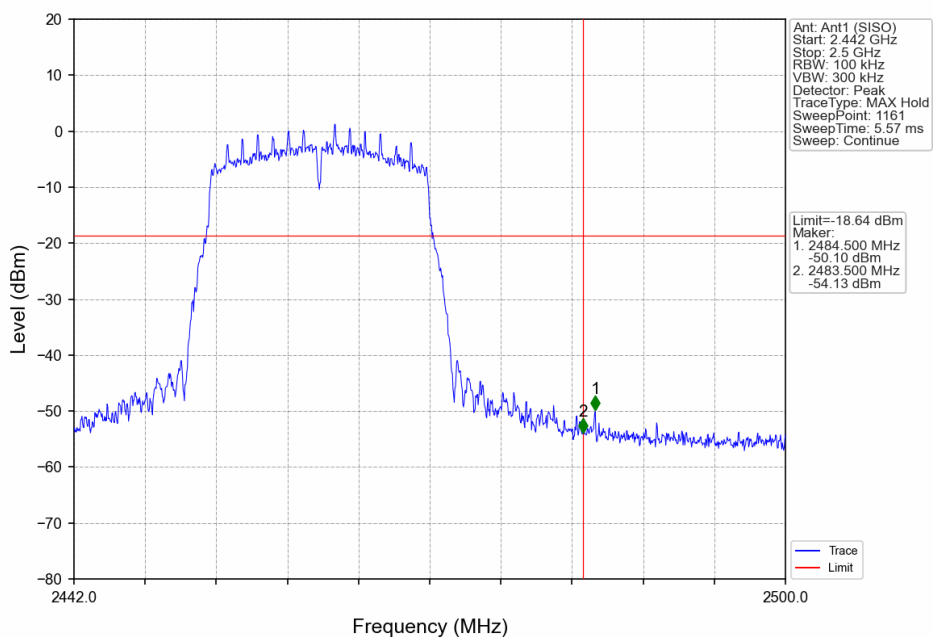
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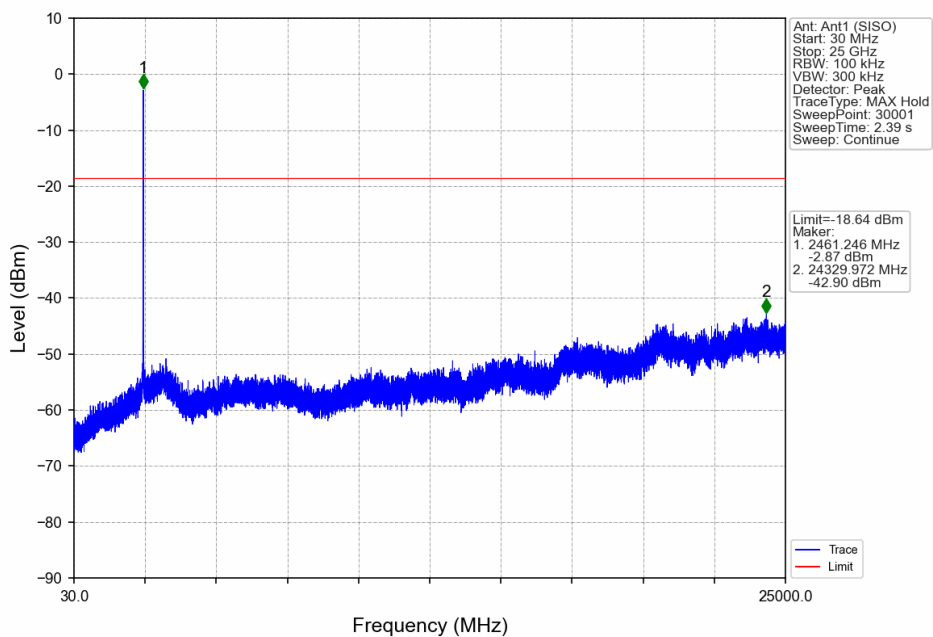
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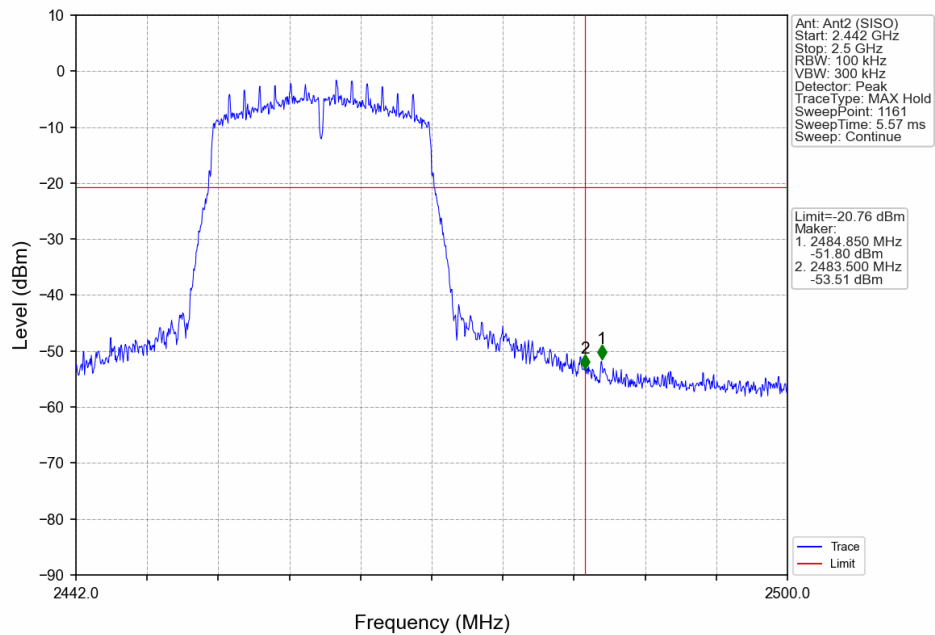
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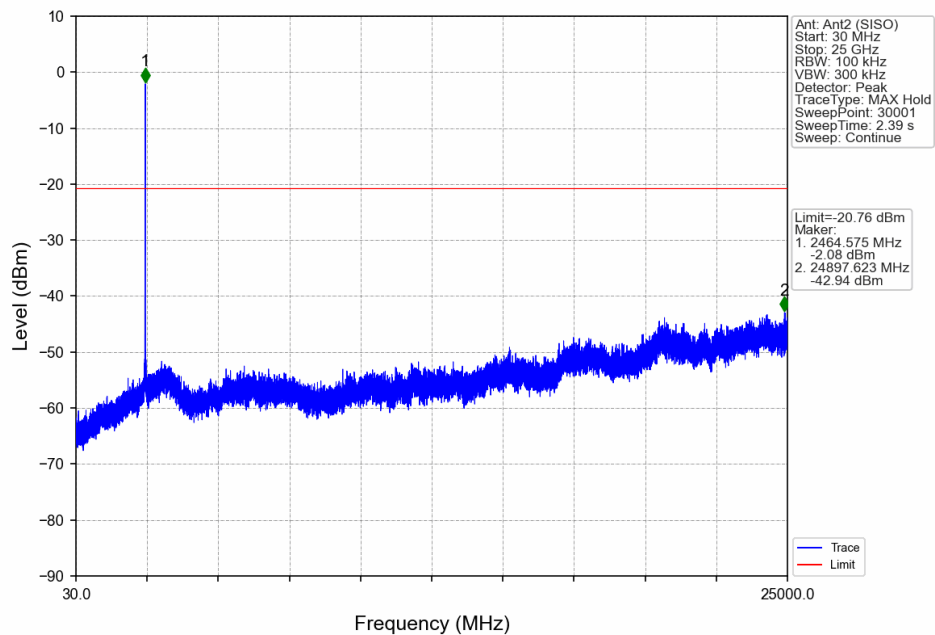
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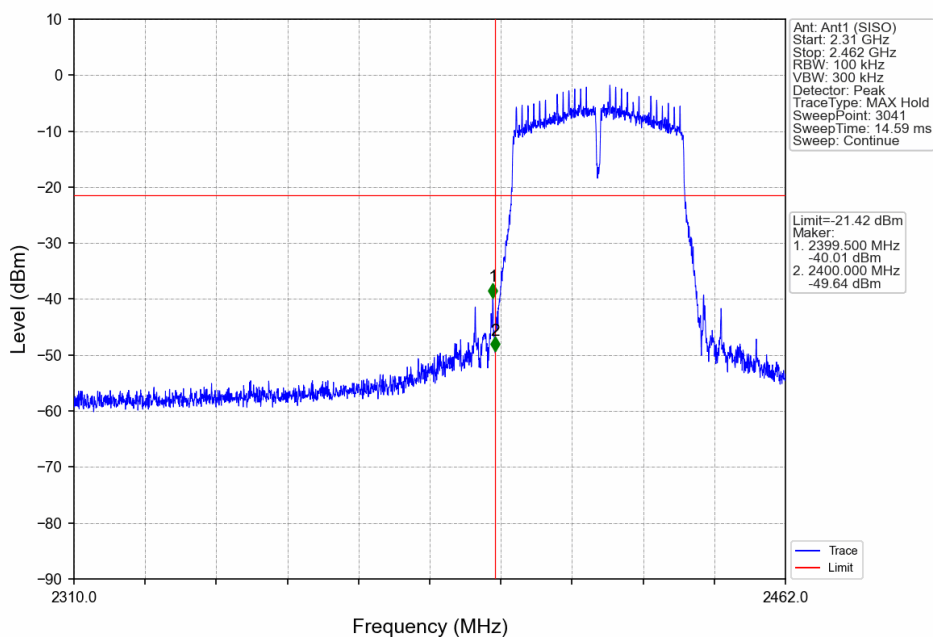
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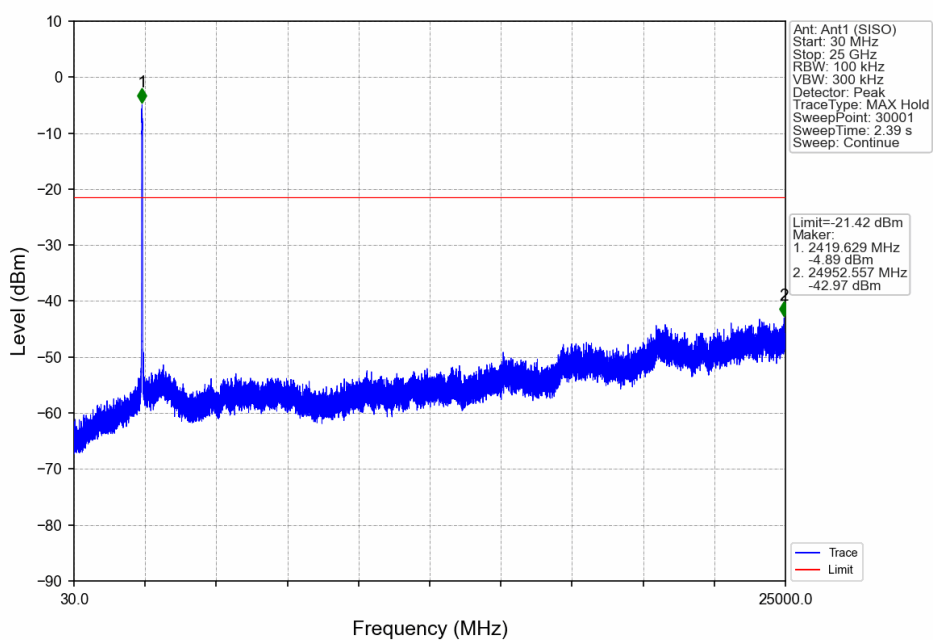
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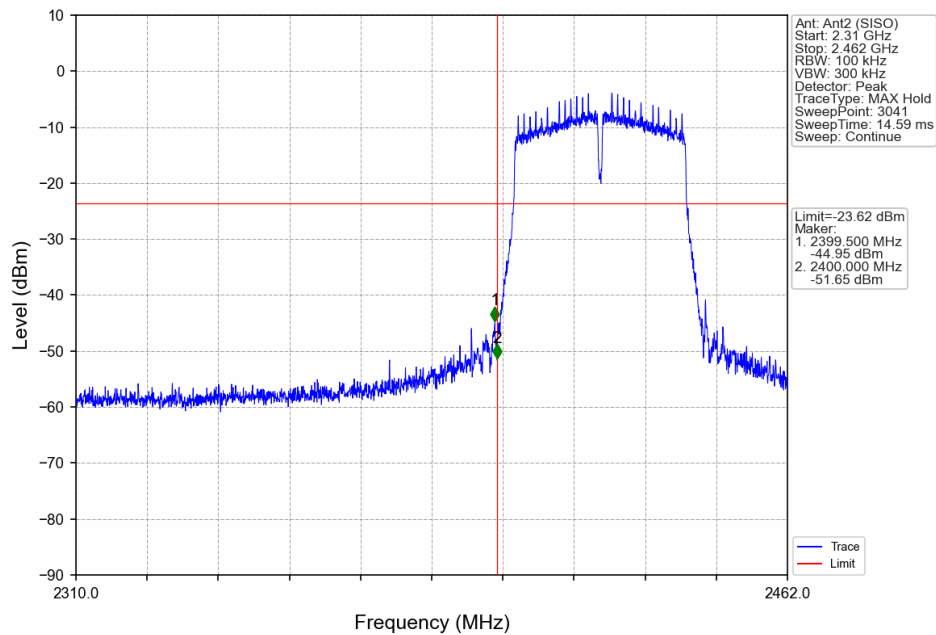
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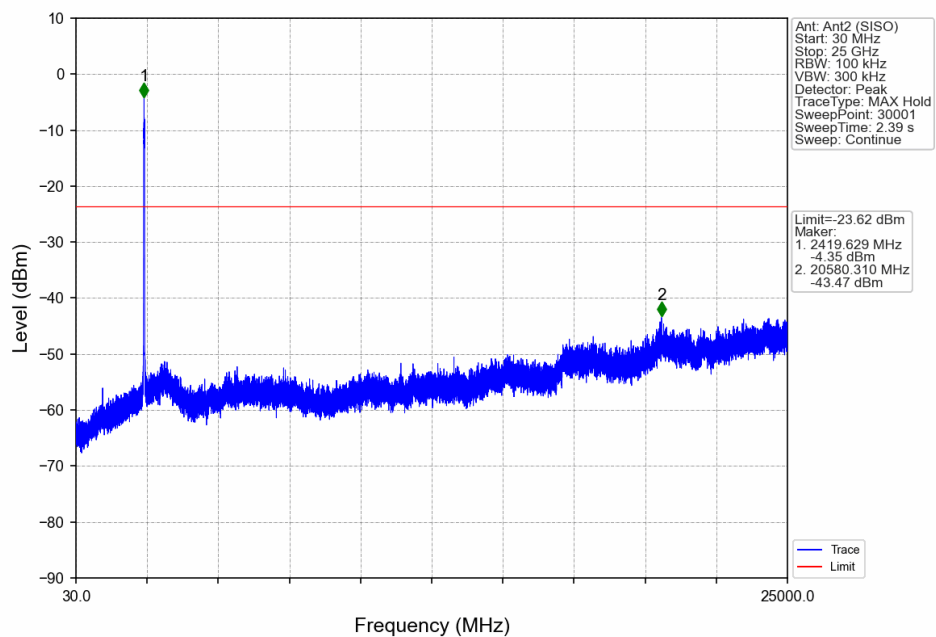
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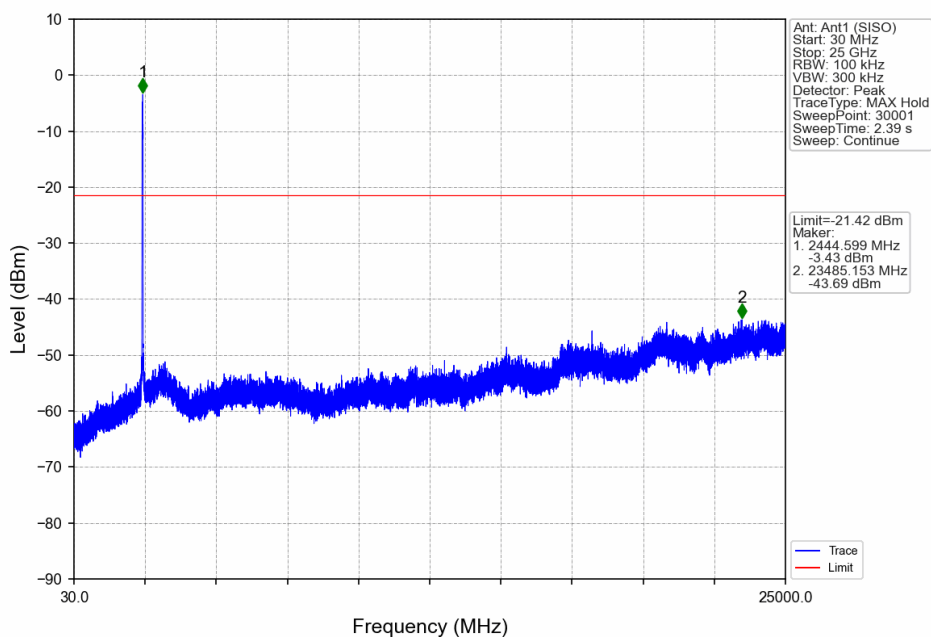
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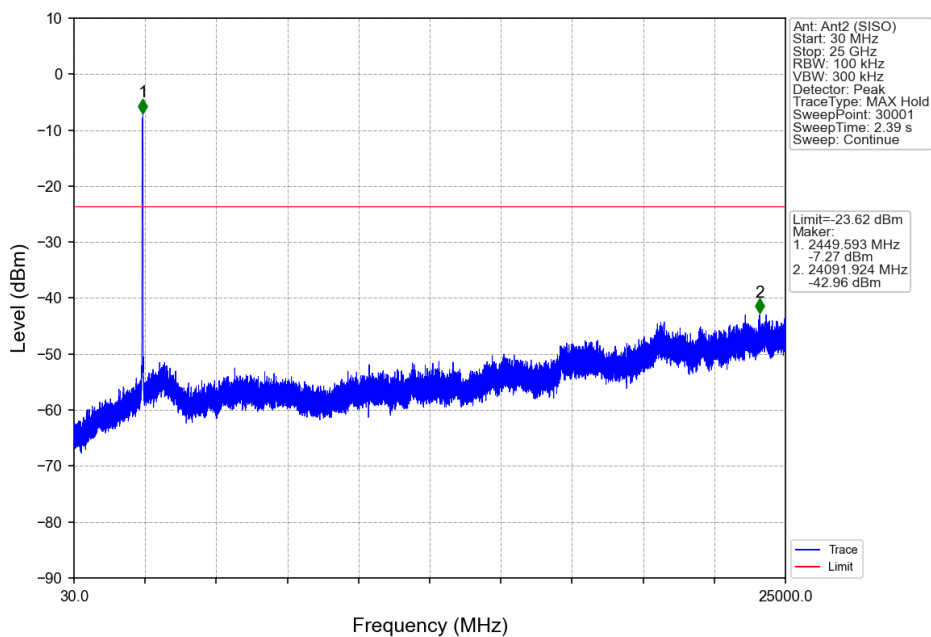
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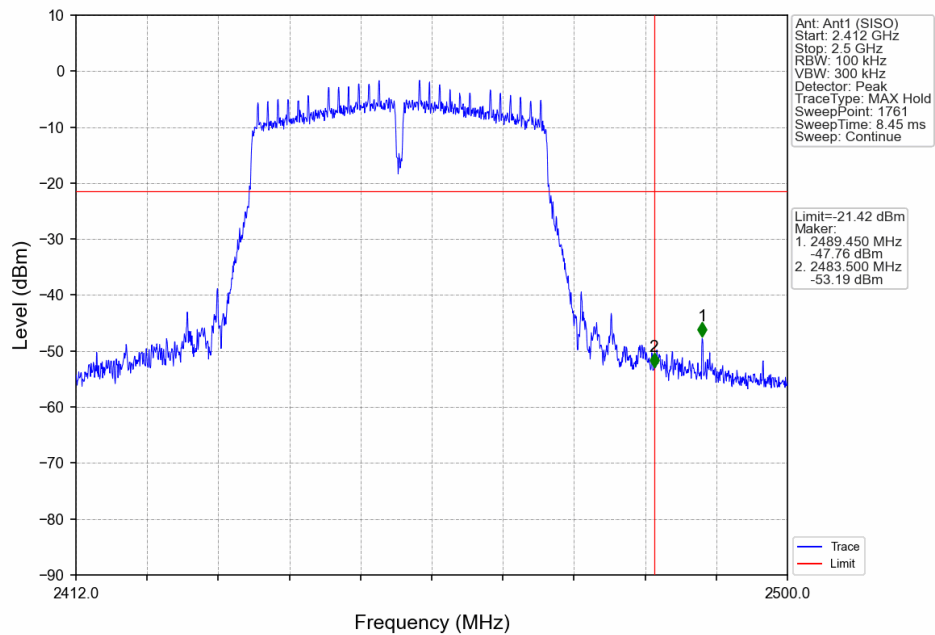
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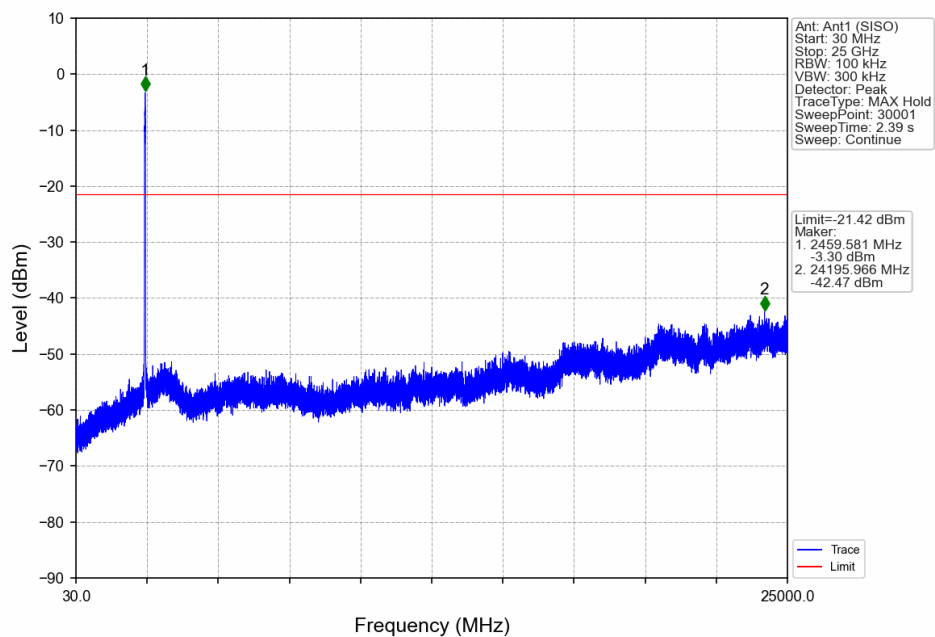
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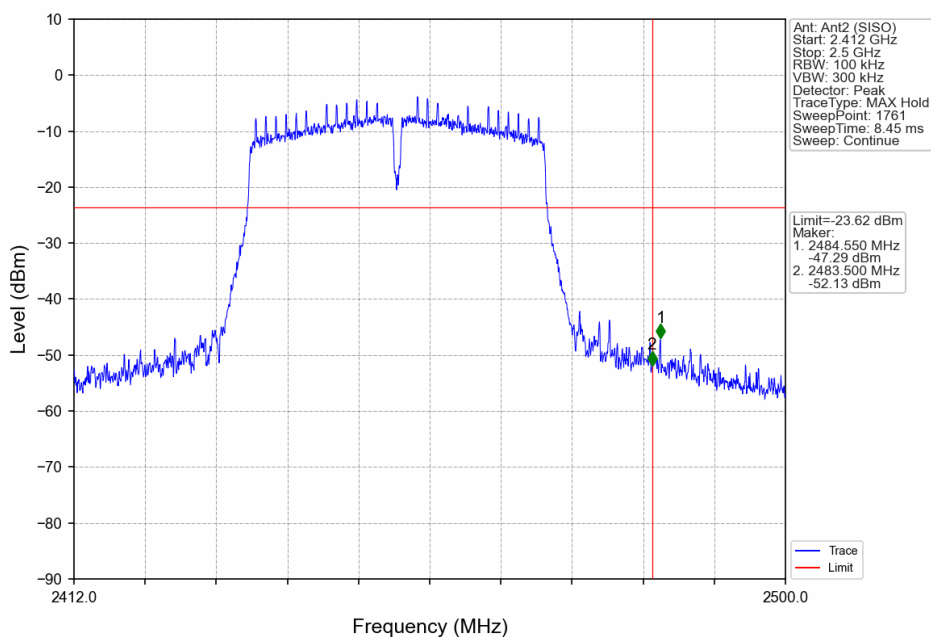
802.11n(HT40)_HCH_2452MHz_Ant1 (SISO)_NTNV



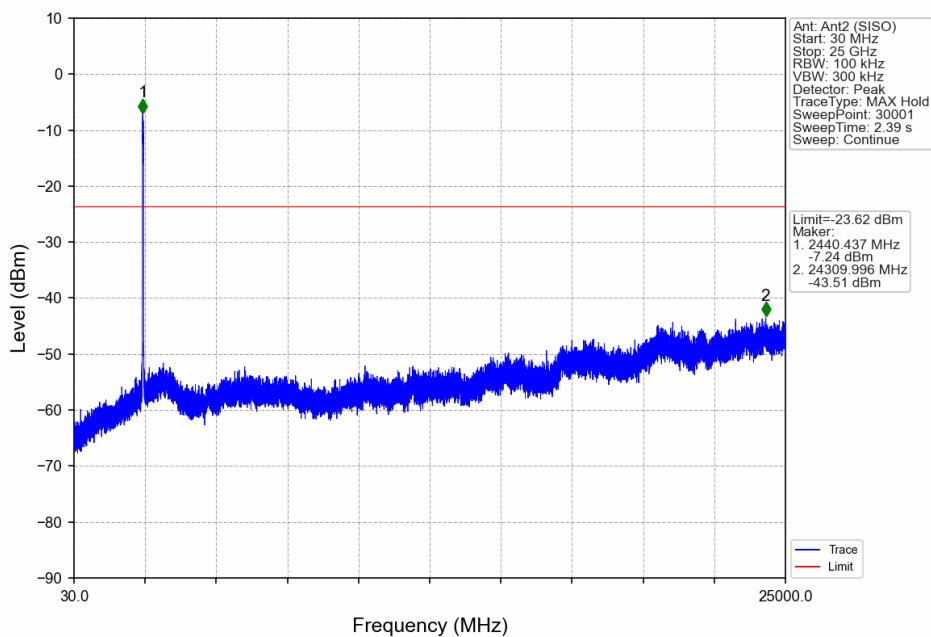
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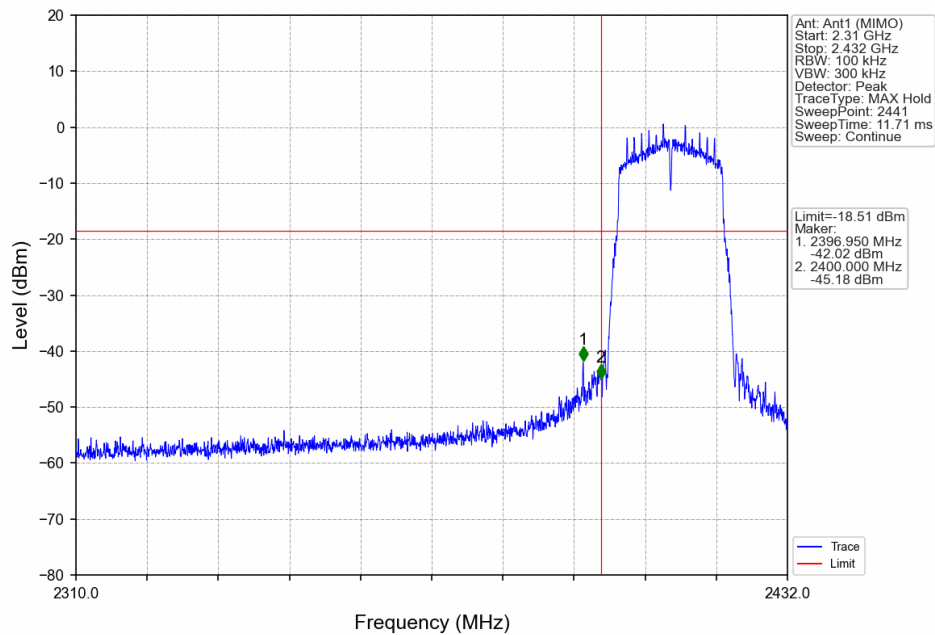
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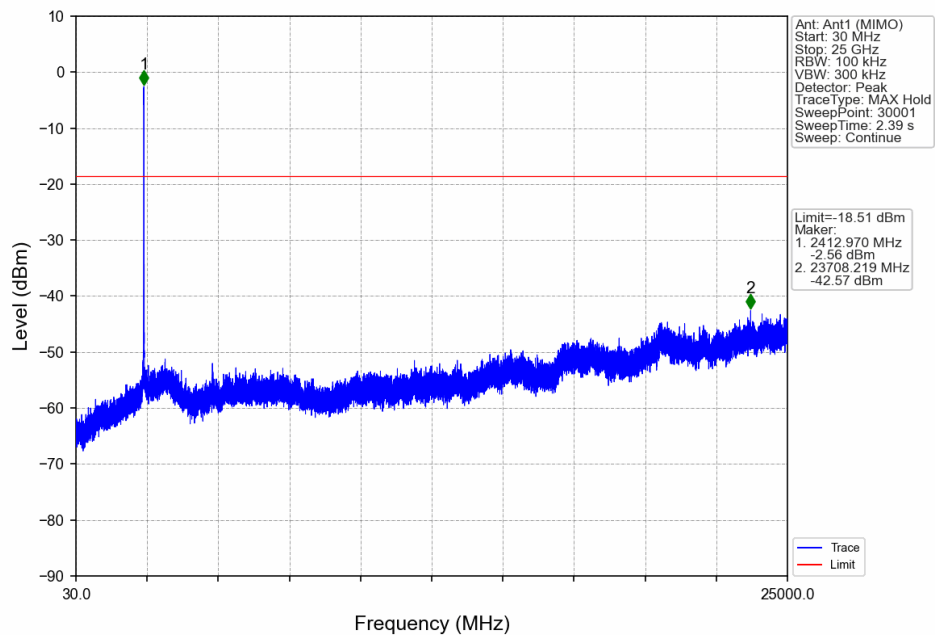
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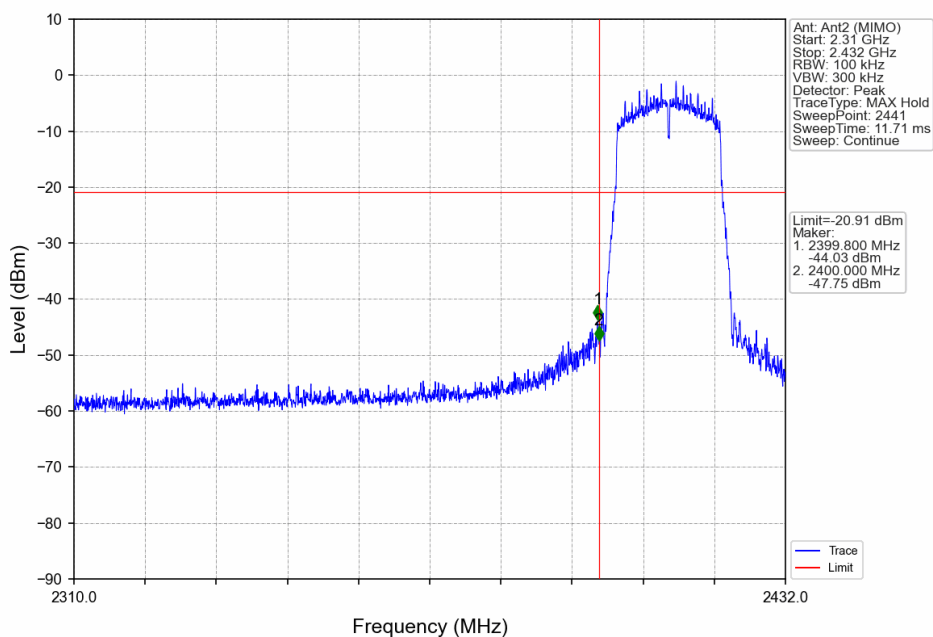
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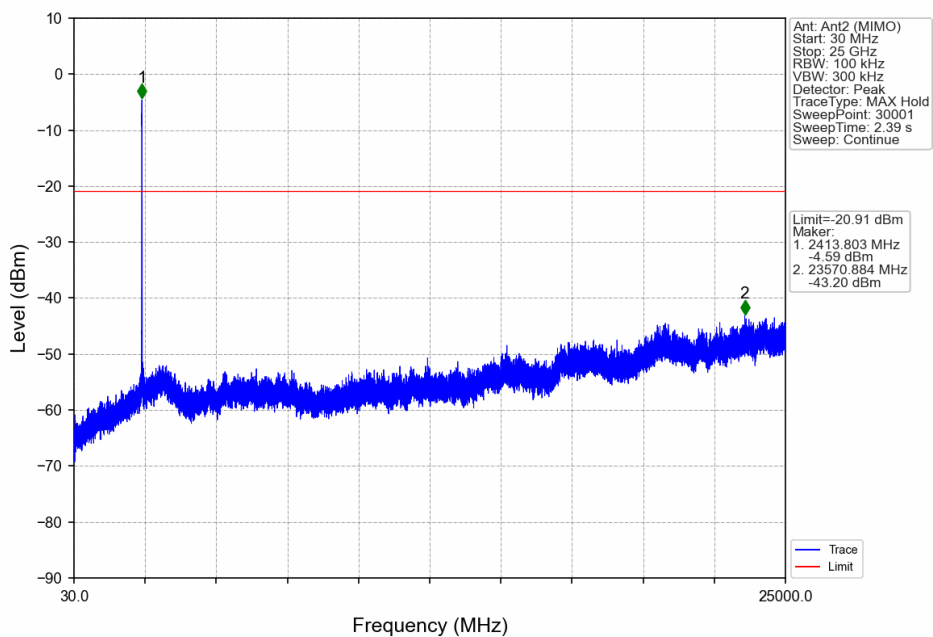
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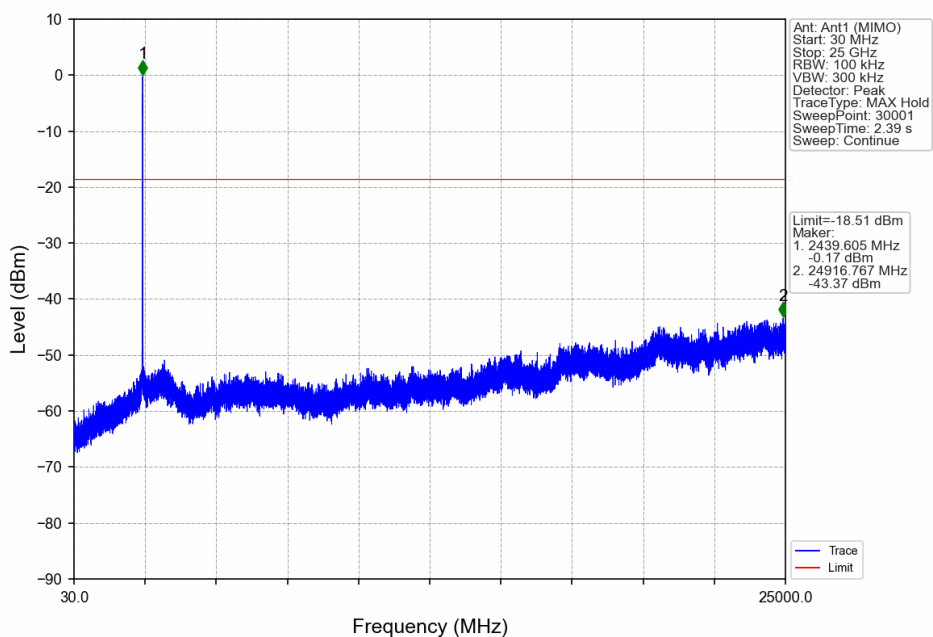
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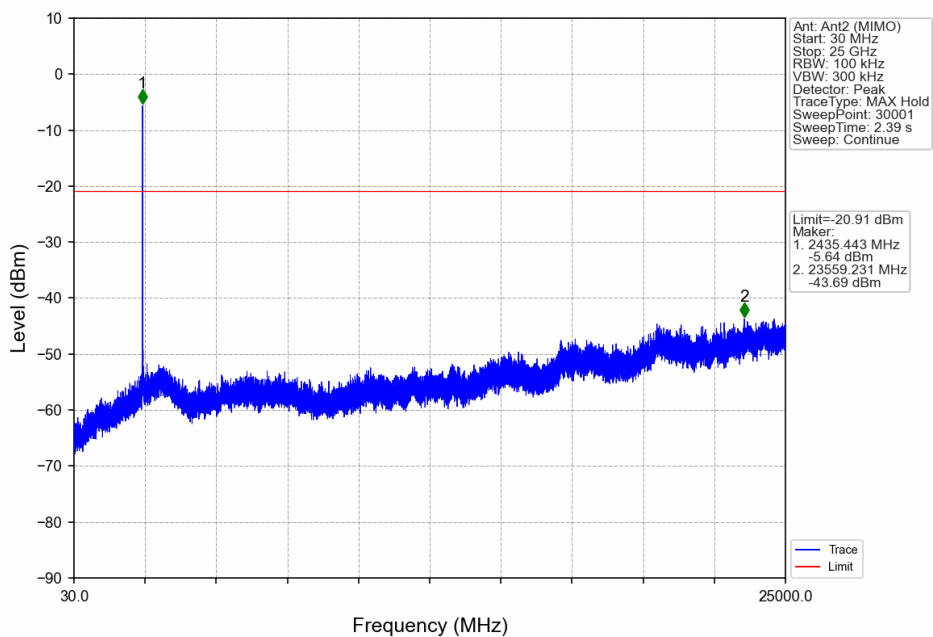
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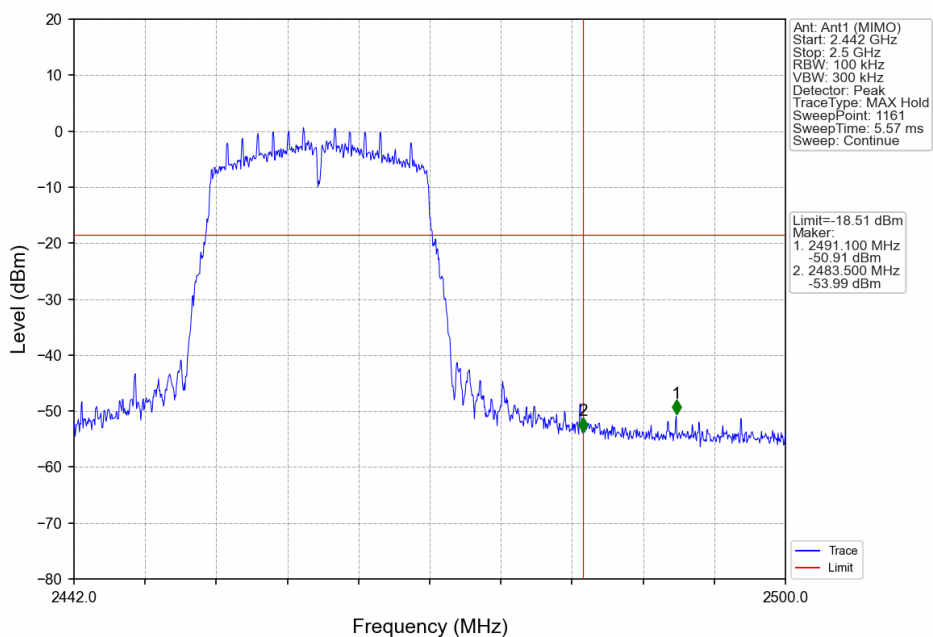
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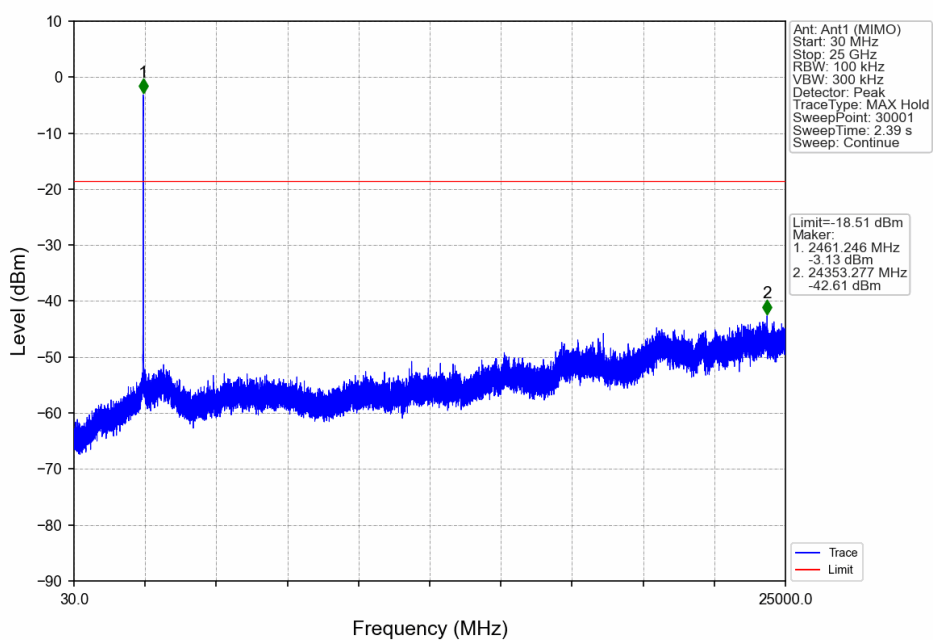
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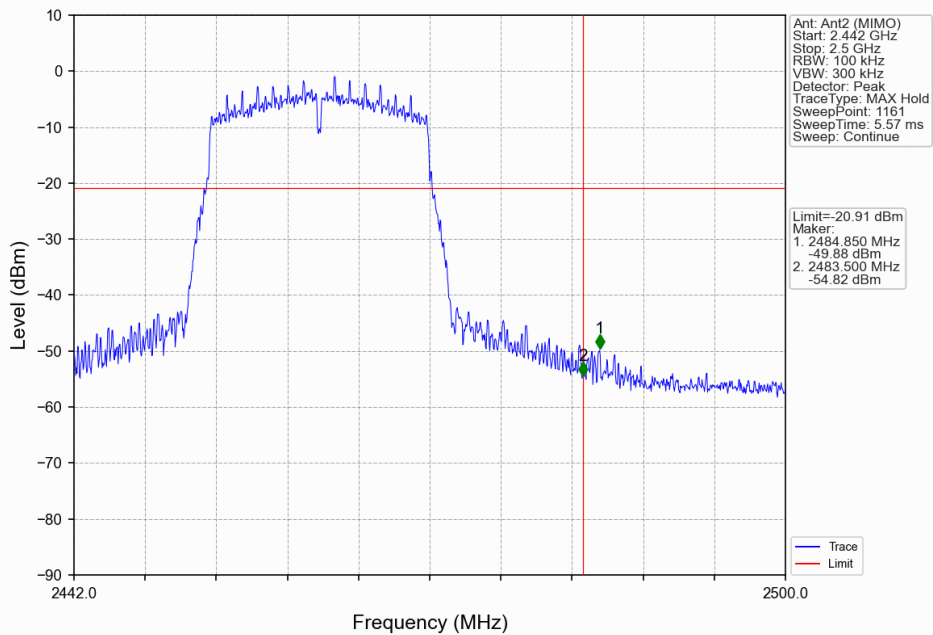
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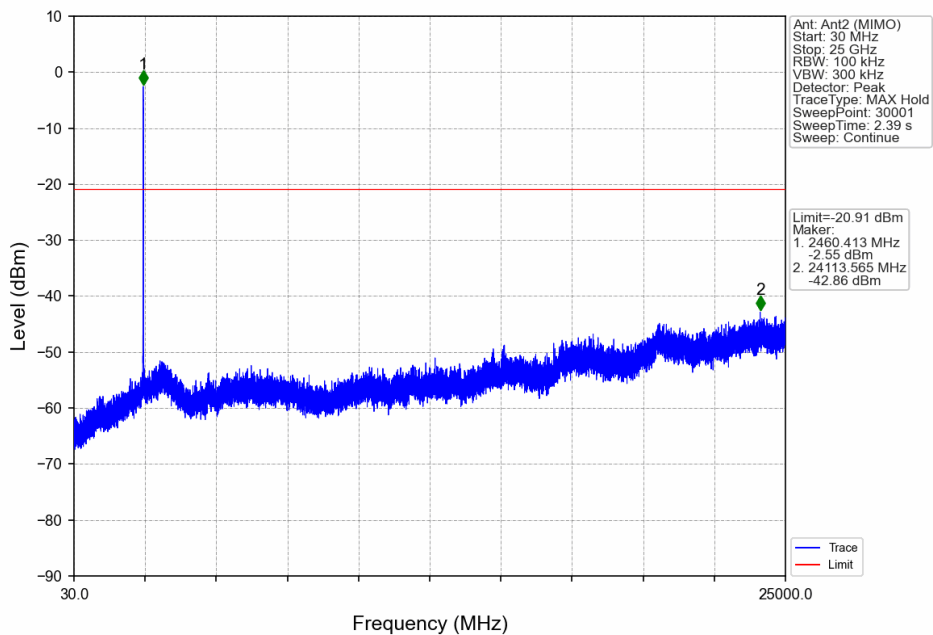
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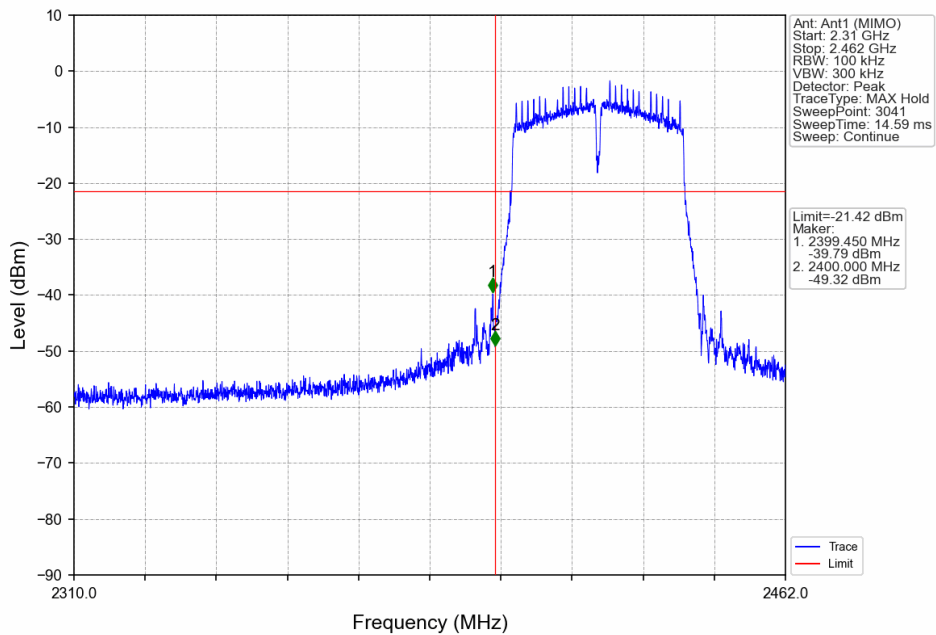
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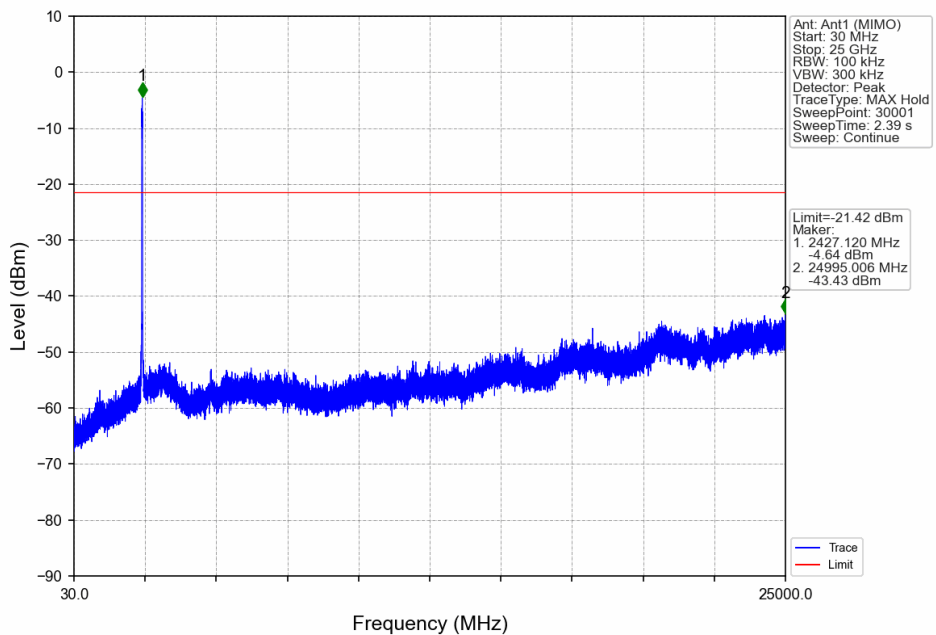
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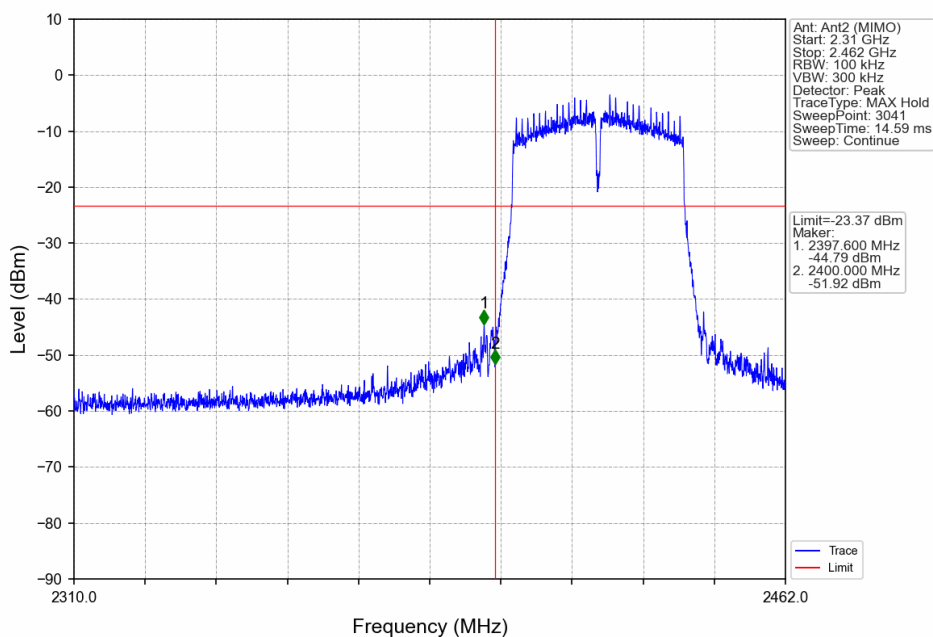
802.11n(HT40)_LCH_2422MHz_Ant1 (MIMO)_NTNV



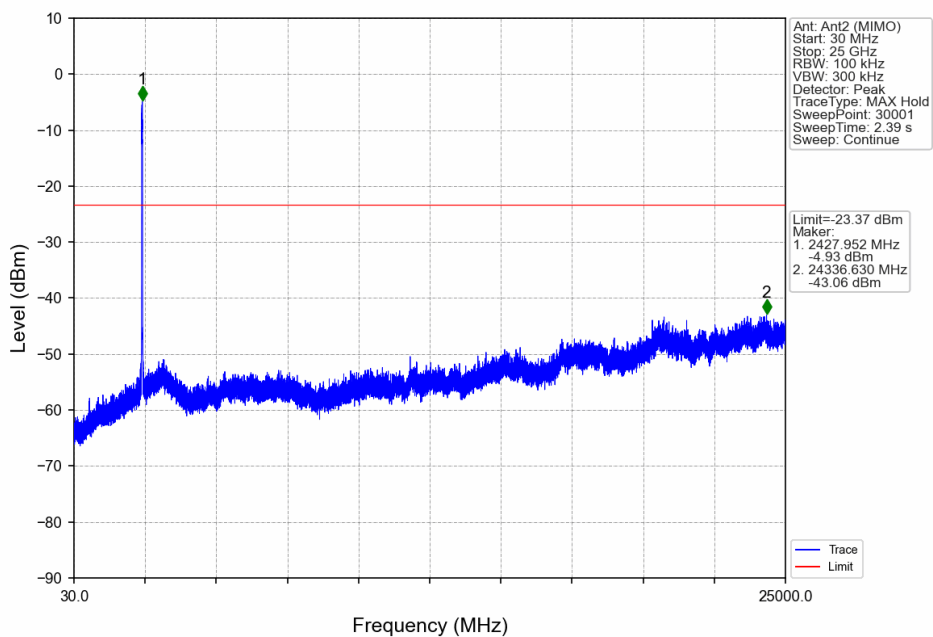
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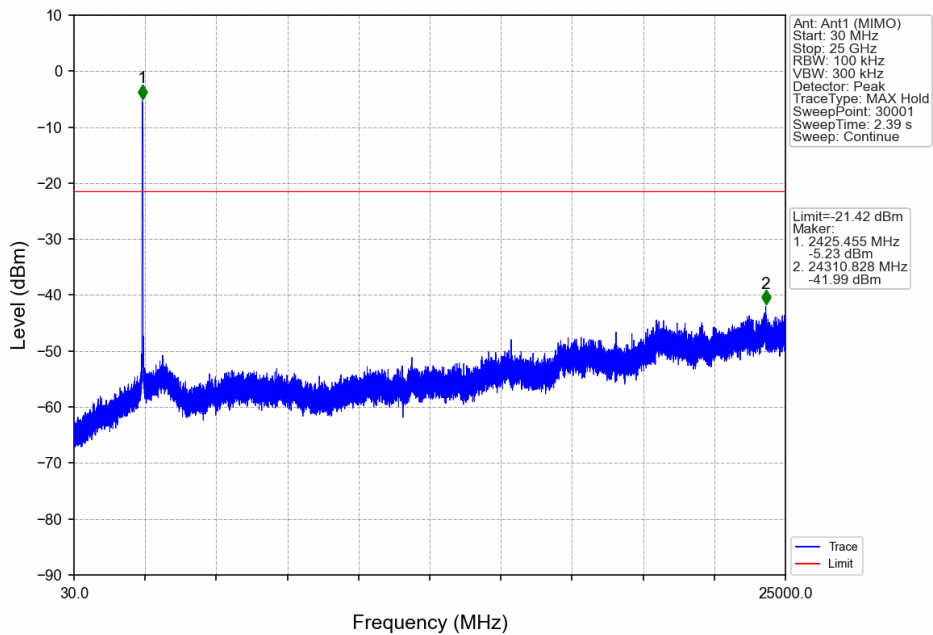
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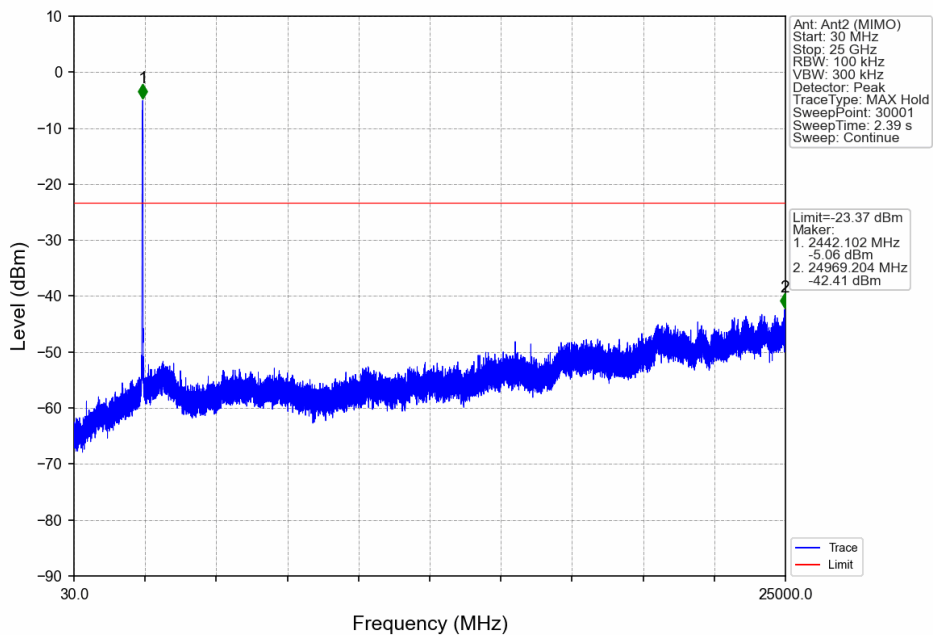
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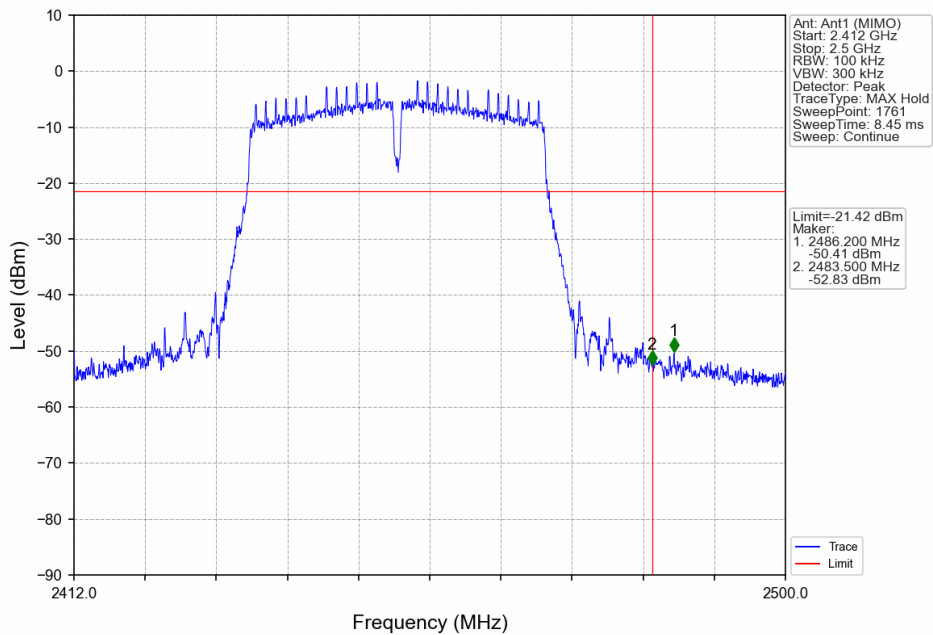
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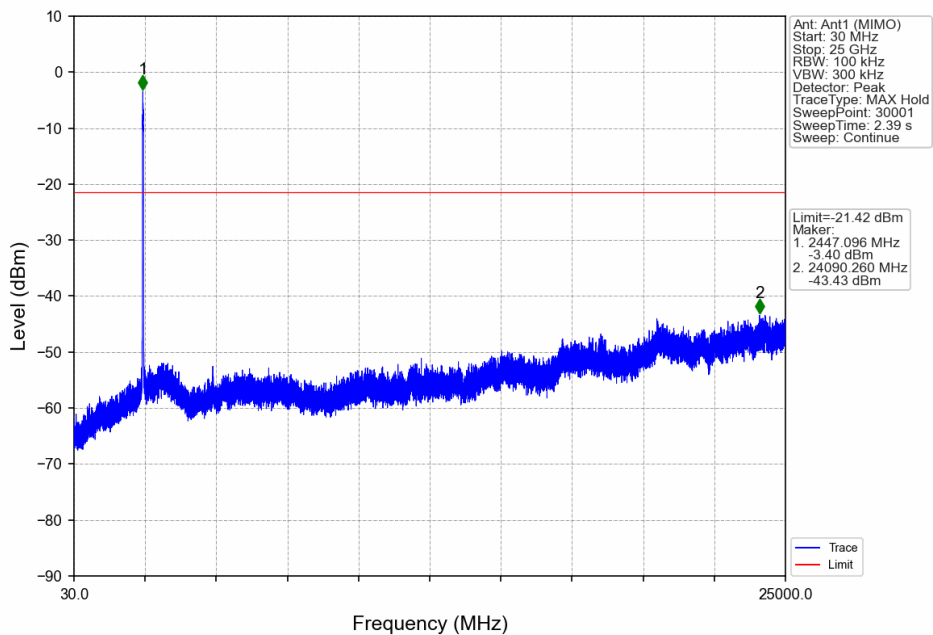
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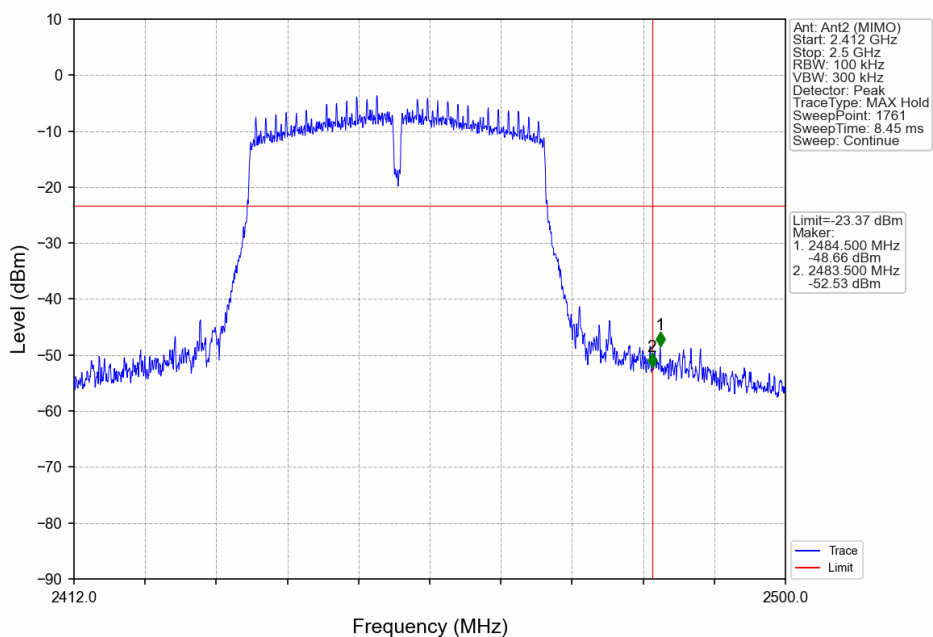
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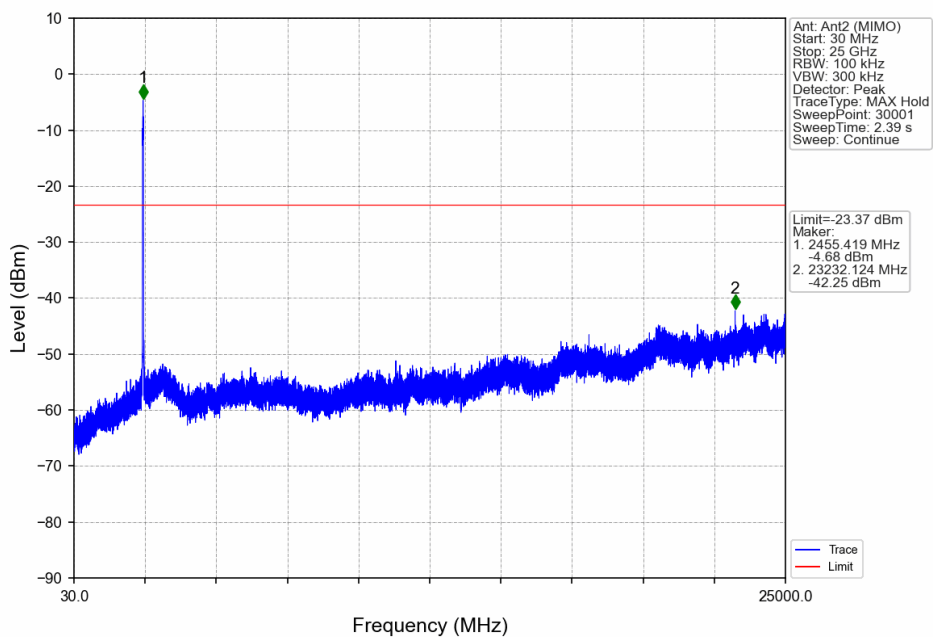
802.11n(HT40)_HCH_2452MHz_Ant1 (MIMO)_NTNV



802.11n(HT40)_HCH_2452MHz_Ant2 (MIMO)_NTNV



802.11n(HT40)_HCH_2452MHz_Ant2 (MIMO)_NTNV



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