

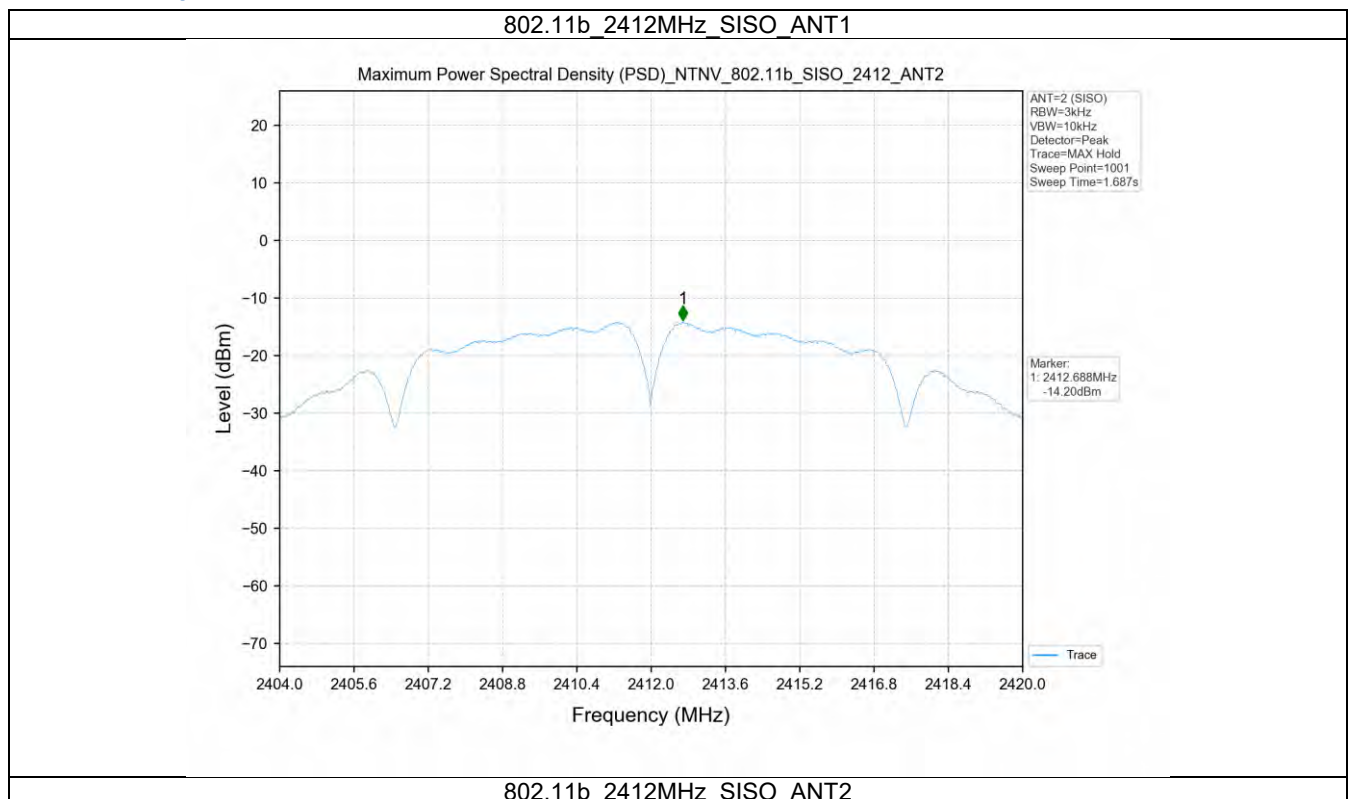


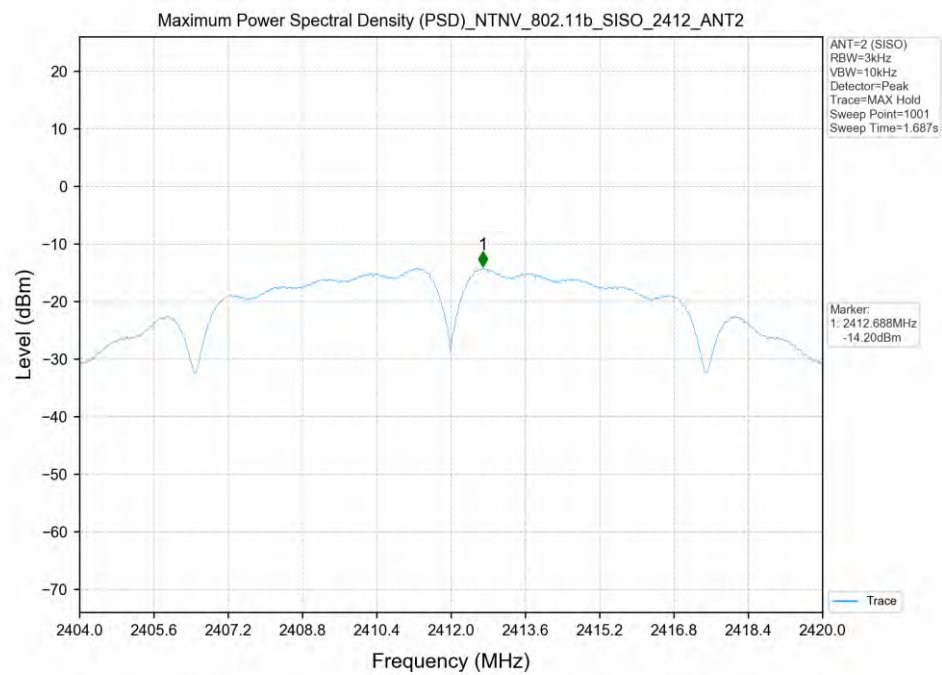
4. Maximum Power Spectral Density (PSD)

4.1 Test Result

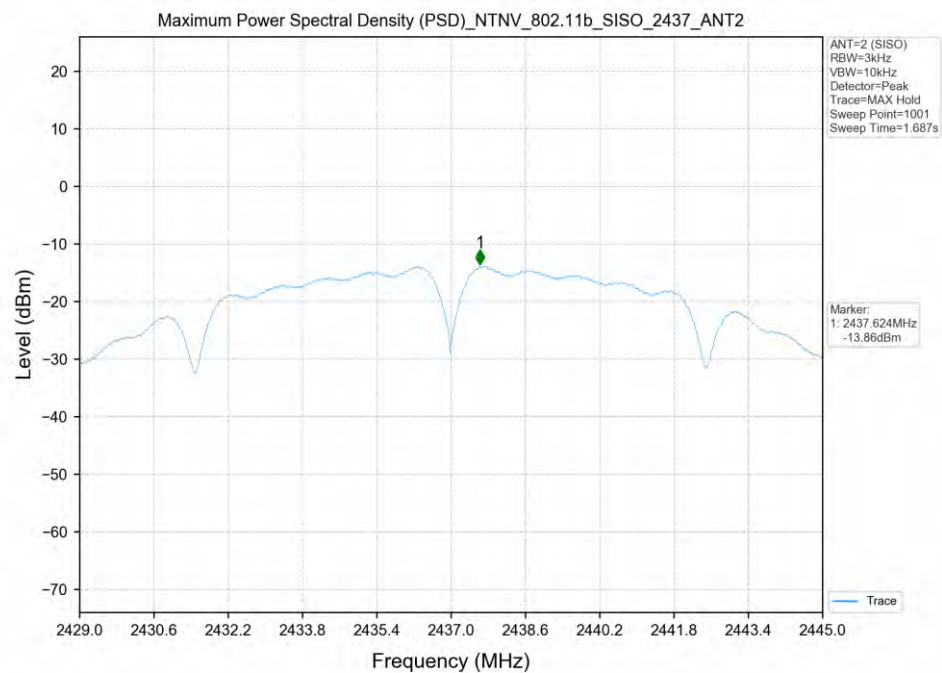
Test Mode	Frequency (MHz)	Tx Type	Maximum Power Spectral Density (dBm/3KHz)			Limits (dBm/3kHz)	Verdict
			Ant 1	Ant 2	Total		
802.11b	2412	SISO	-12.41	-14.20	/	≤8	PASS
	2437	SISO	-12.25	-13.86	/	≤8	PASS
	2462	SISO	-12.15	-12.75	/	≤8	PASS
802.11g	2412	SISO	-11.79	-13.43	/	≤8	PASS
	2437	SISO	-11.93	-12.80	/	≤8	PASS
	2462	SISO	-11.71	-11.80	/	≤8	PASS
802.11n(HT20)	2412	SISO	-11.30	-12.78	/	≤8	PASS
		MIMO	-12.87	-14.37	-10.73	≤8	PASS
	2437	SISO	-11.53	-12.48	/	≤8	PASS
		MIMO	-12.83	-14.34	-10.67	≤8	PASS
	2462	SISO	-11.31	-11.70	/	≤8	PASS
		MIMO	-12.00	-13.11	-9.70	≤8	PASS
802.11n(HT40)	2422	SISO	-14.42	-14.61	/	≤8	PASS
		MIMO	-12.48	-14.25	-10.27	≤8	PASS
	2437	SISO	-12.18	-13.23	/	≤8	PASS
		MIMO	-13.21	-14.33	-10.93	≤8	PASS
	2452	SISO	-12.19	-14.41	/	≤8	PASS
		MIMO	-13.11	-14.30	-11.30	≤8	PASS

4.2 Test Graph

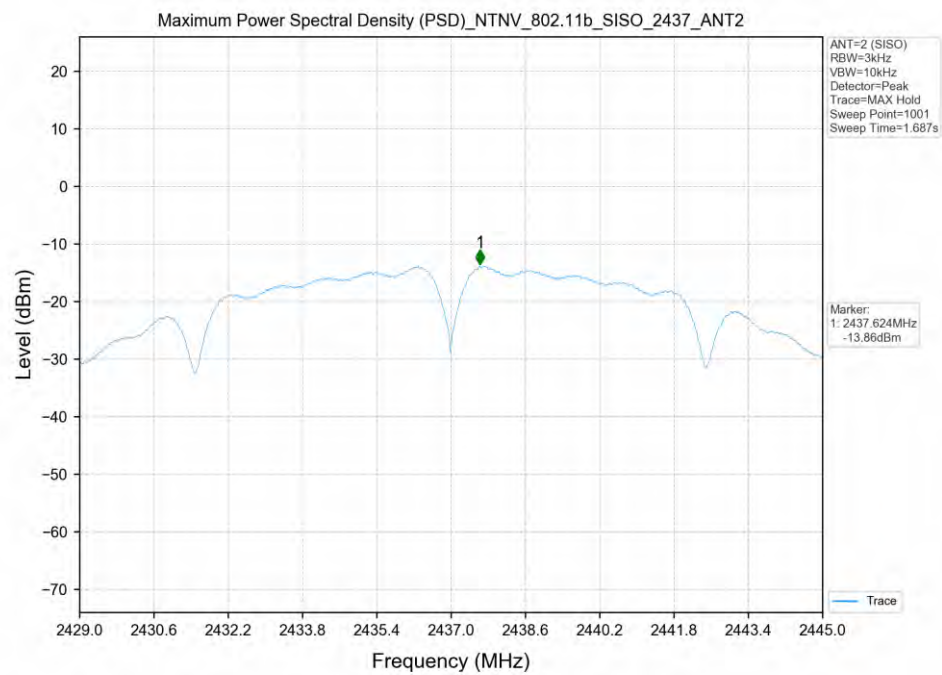




802.11b_2437MHz_SISO_ANT1



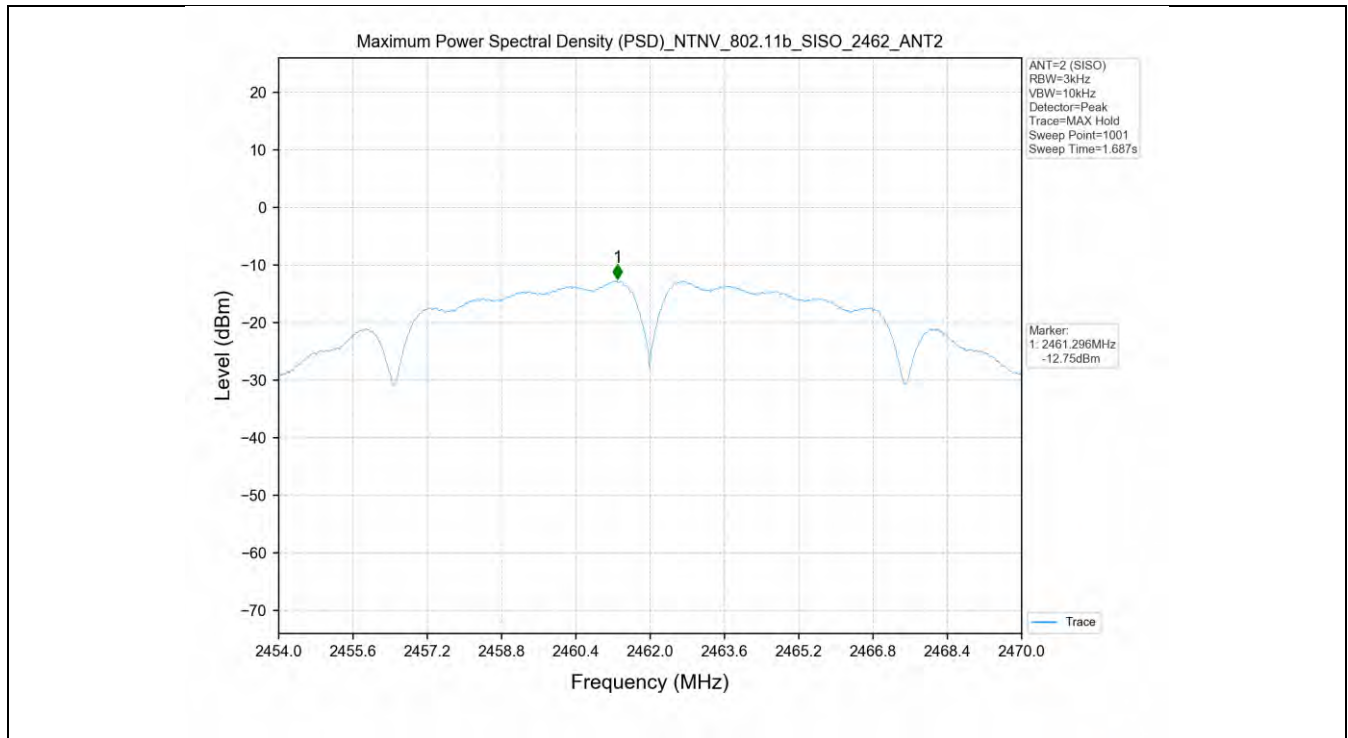
802.11b_2437MHz_SISO_ANT2



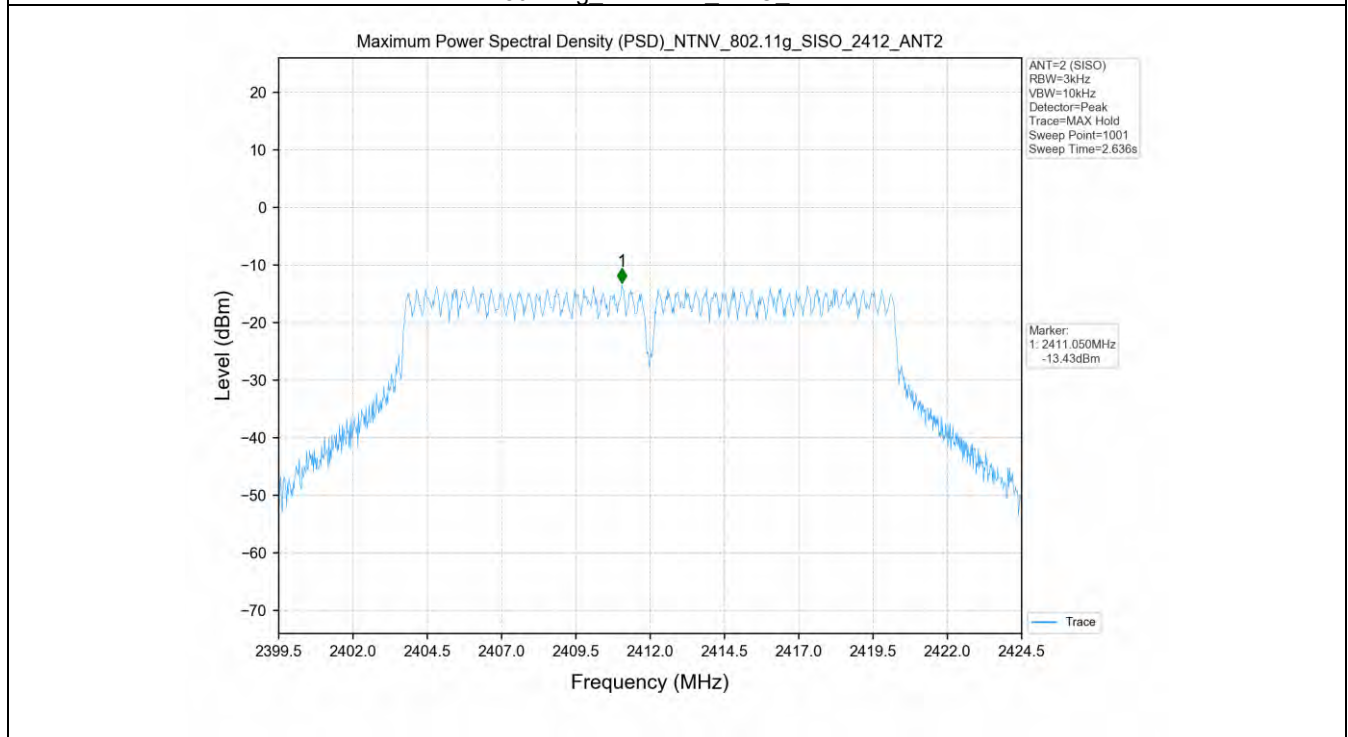
802.11b_2462MHz_SISO_ANT1



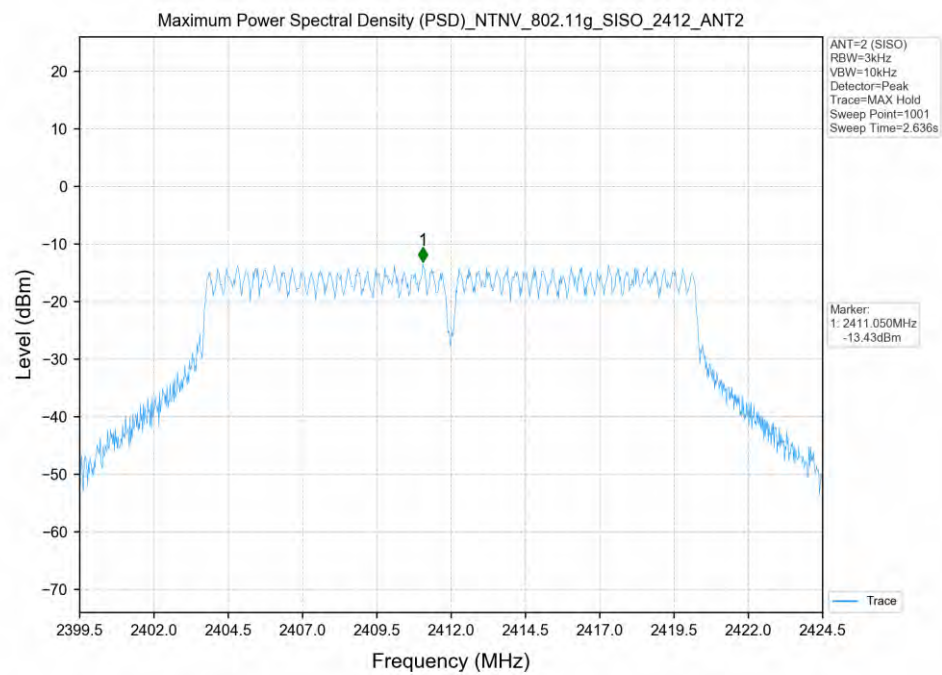
802.11b_2462MHz_SISO_ANT2



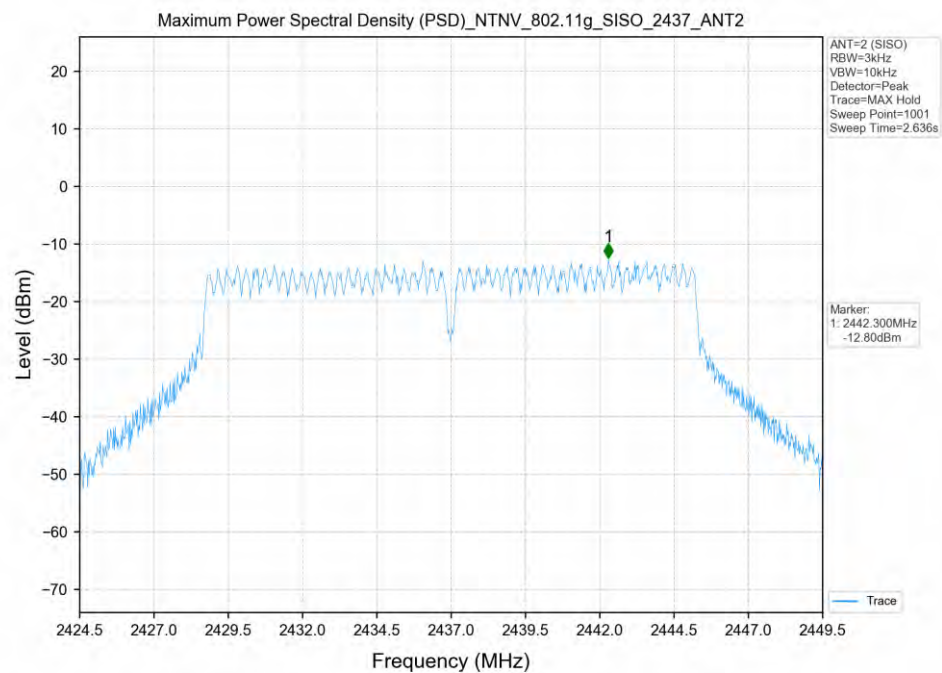
802.11g_2412MHz_SISO_ANT1



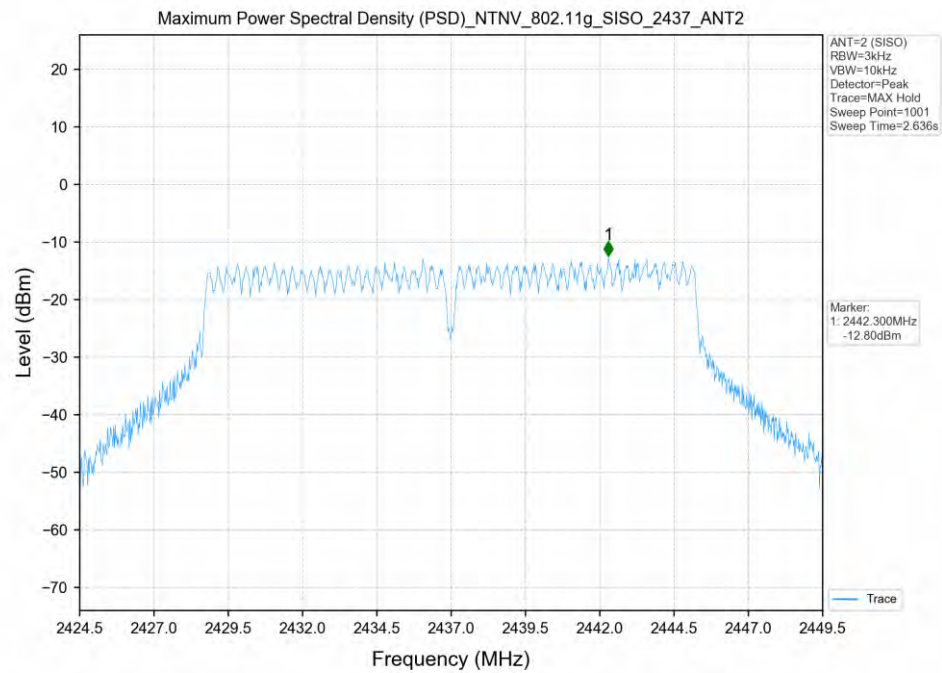
802.11g_2412MHz_SISO_ANT2



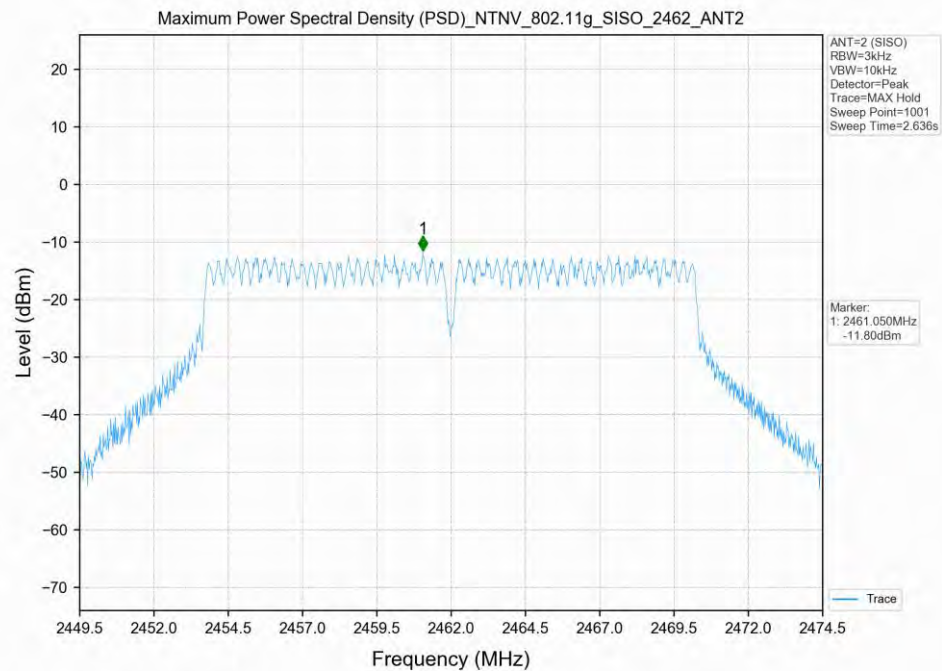
802.11g_2437MHz_SISO_ANT1



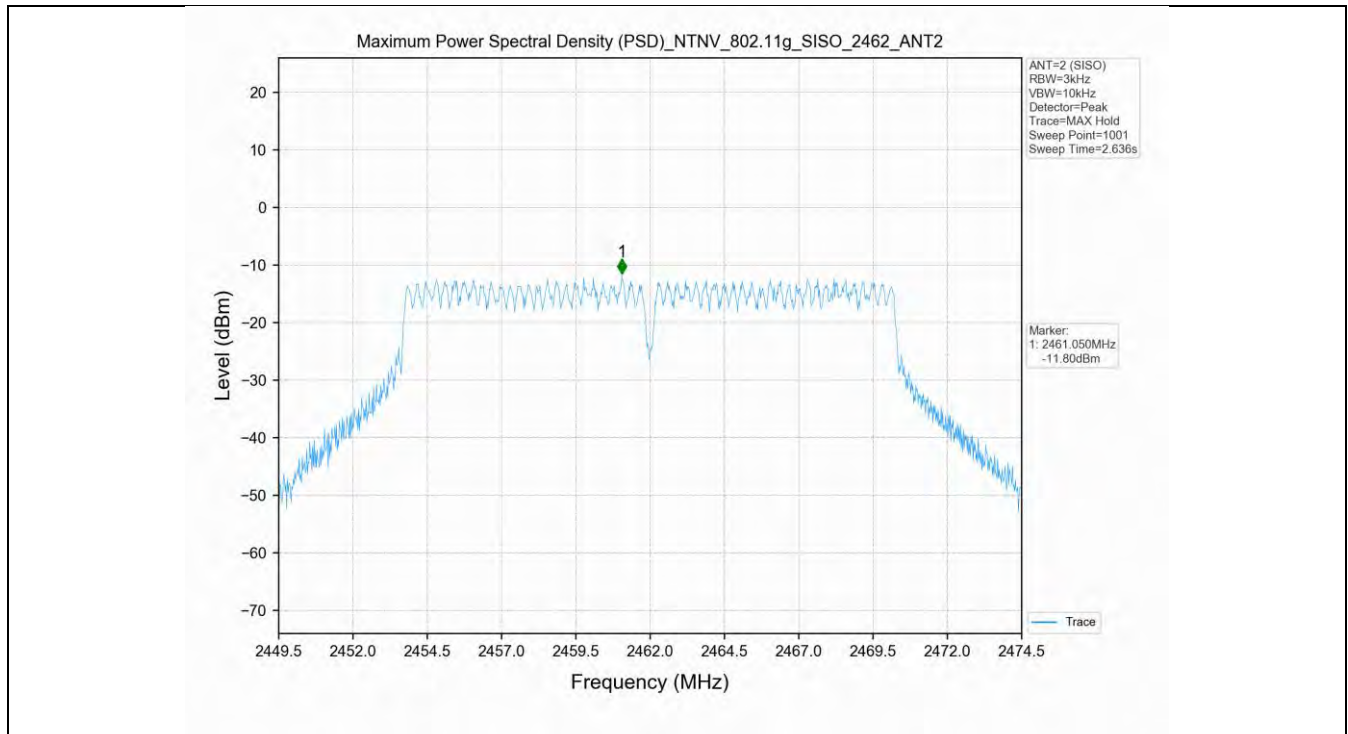
802.11g_2437MHz_SISO_ANT2



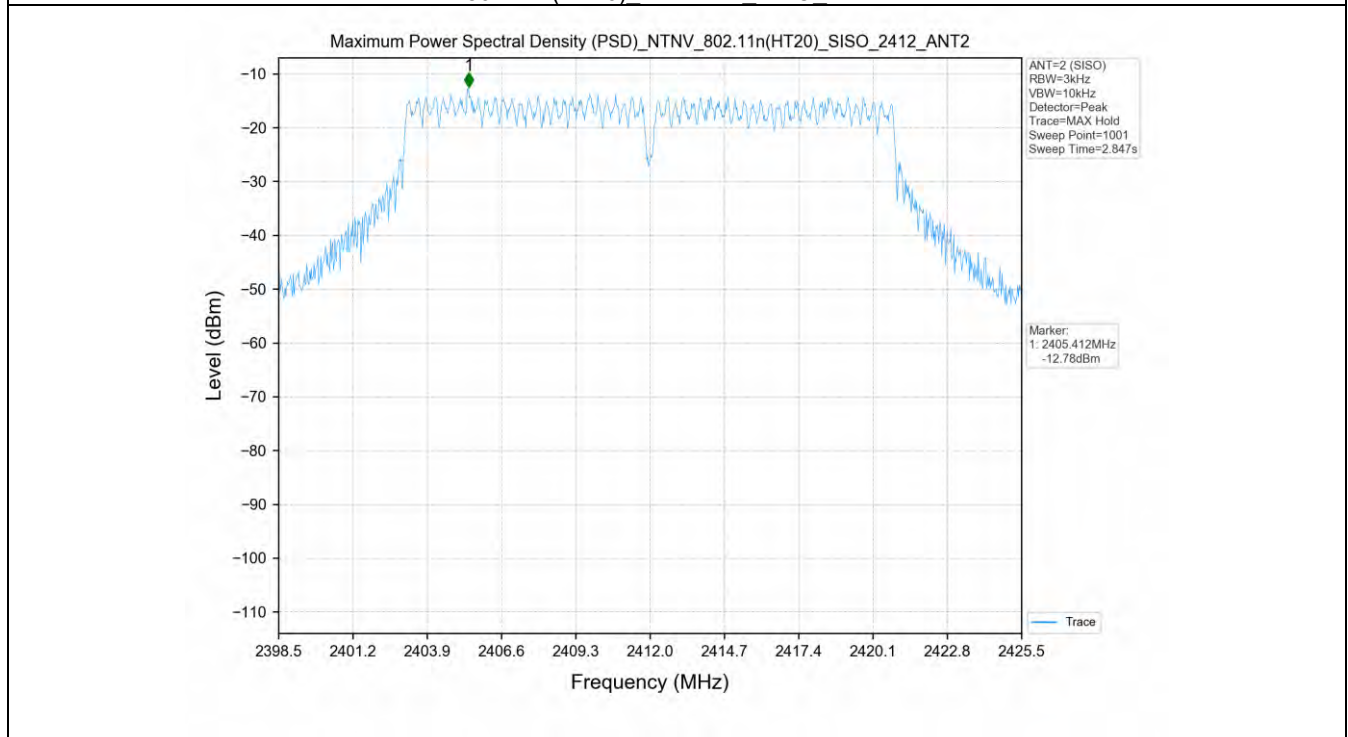
802.11g_2462MHz_SISO_ANT1



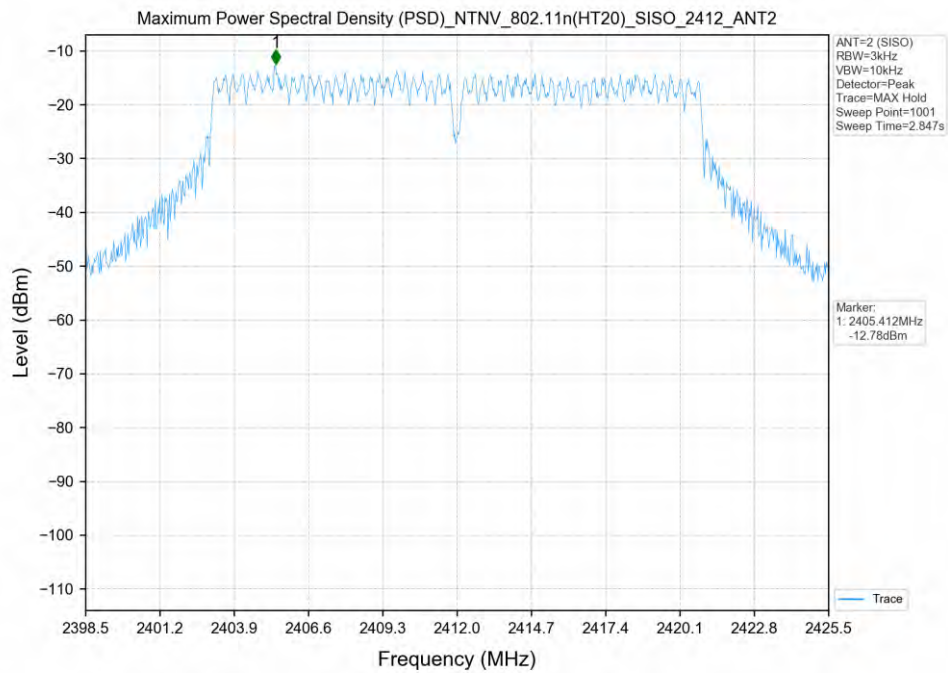
802.11g_2462MHz_SISO_ANT2



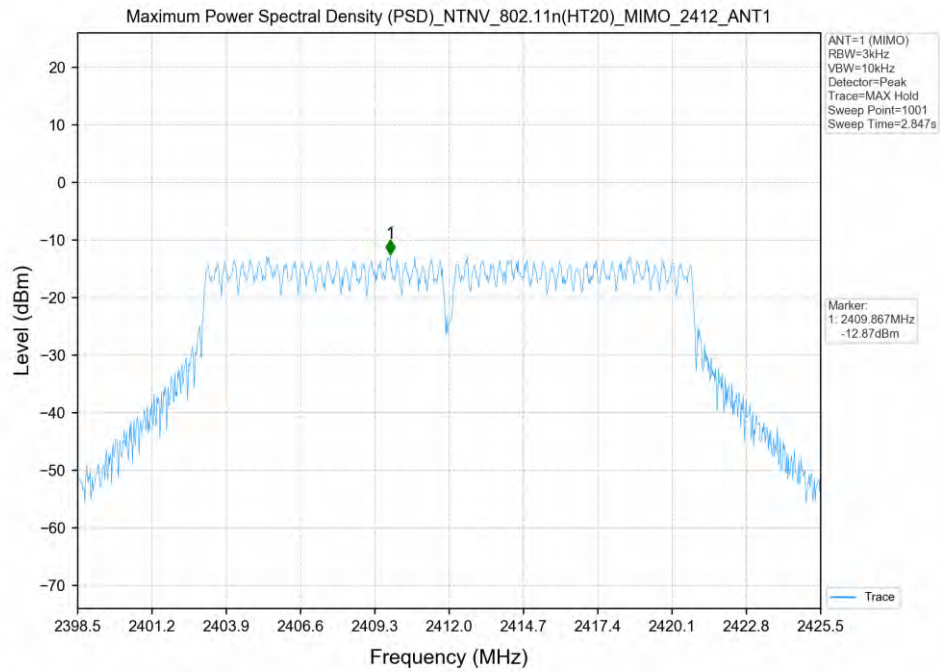
802.11n(HT20)_2412MHz_SISO_ANT1



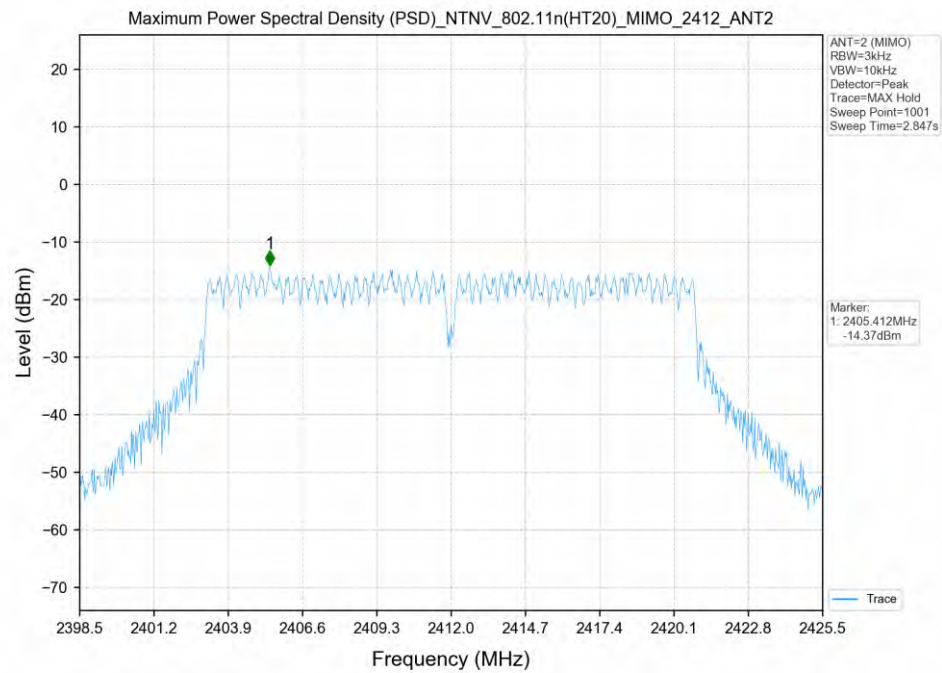
802.11n(HT20)_2412MHz_SISO_ANT2



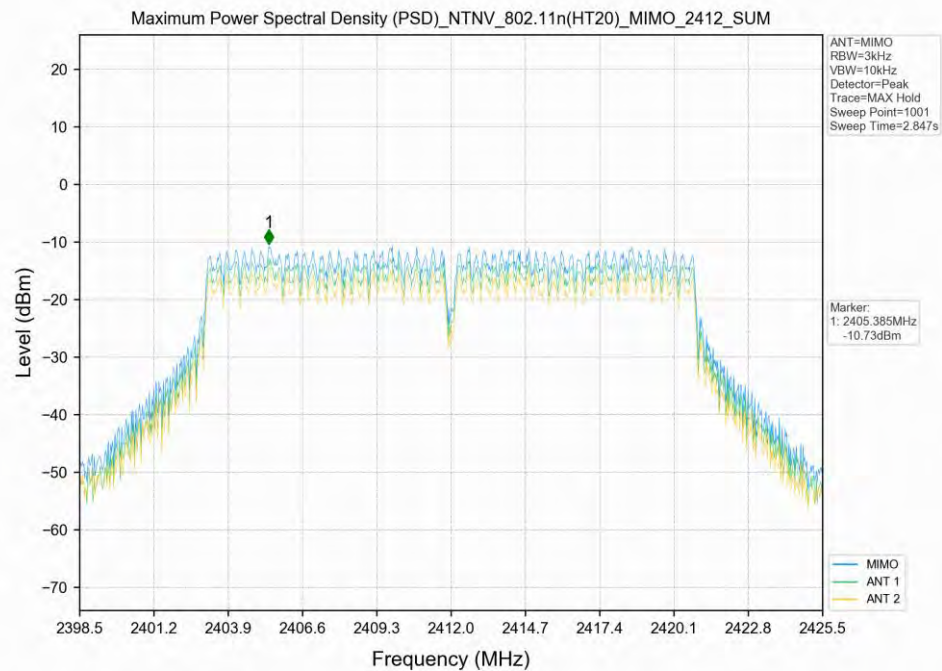
802.11n(HT20)_2412MHz_MIMO_ANT1



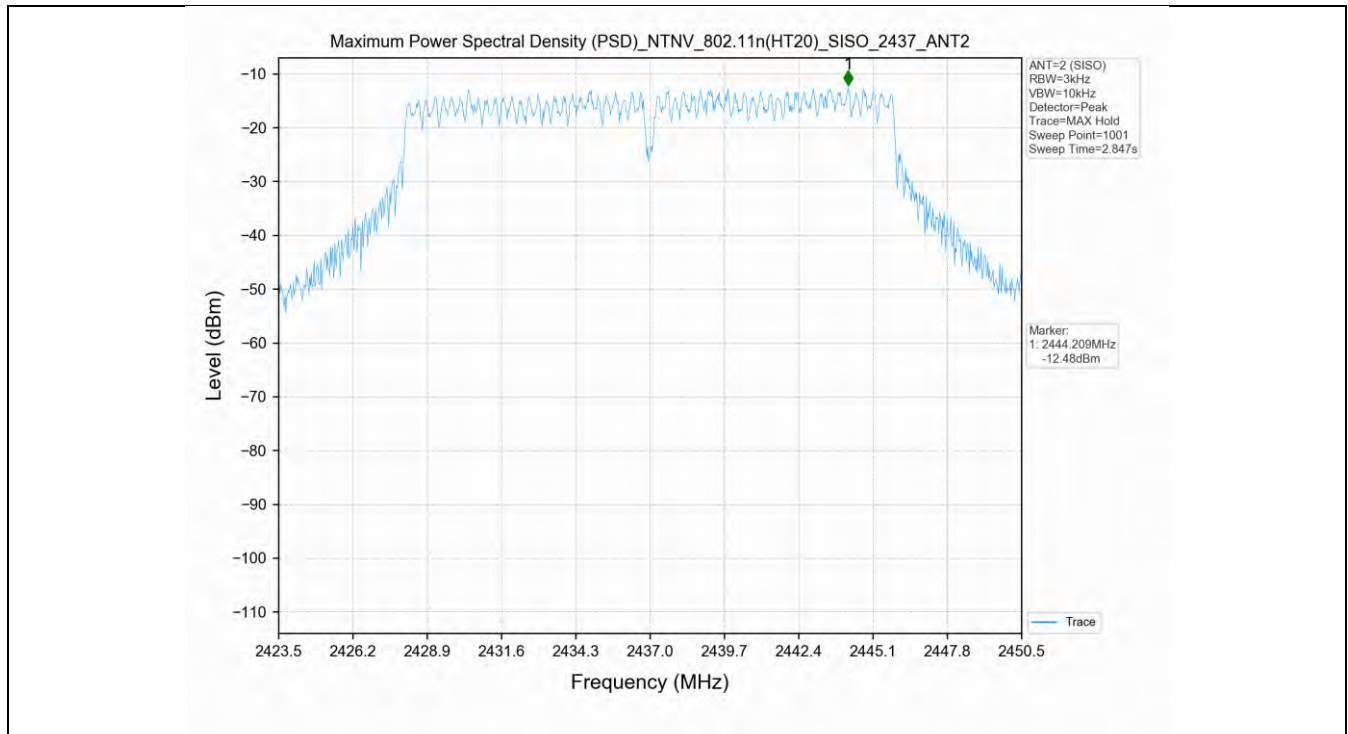
802.11n(HT20)_2412MHz_MIMO_ANT2



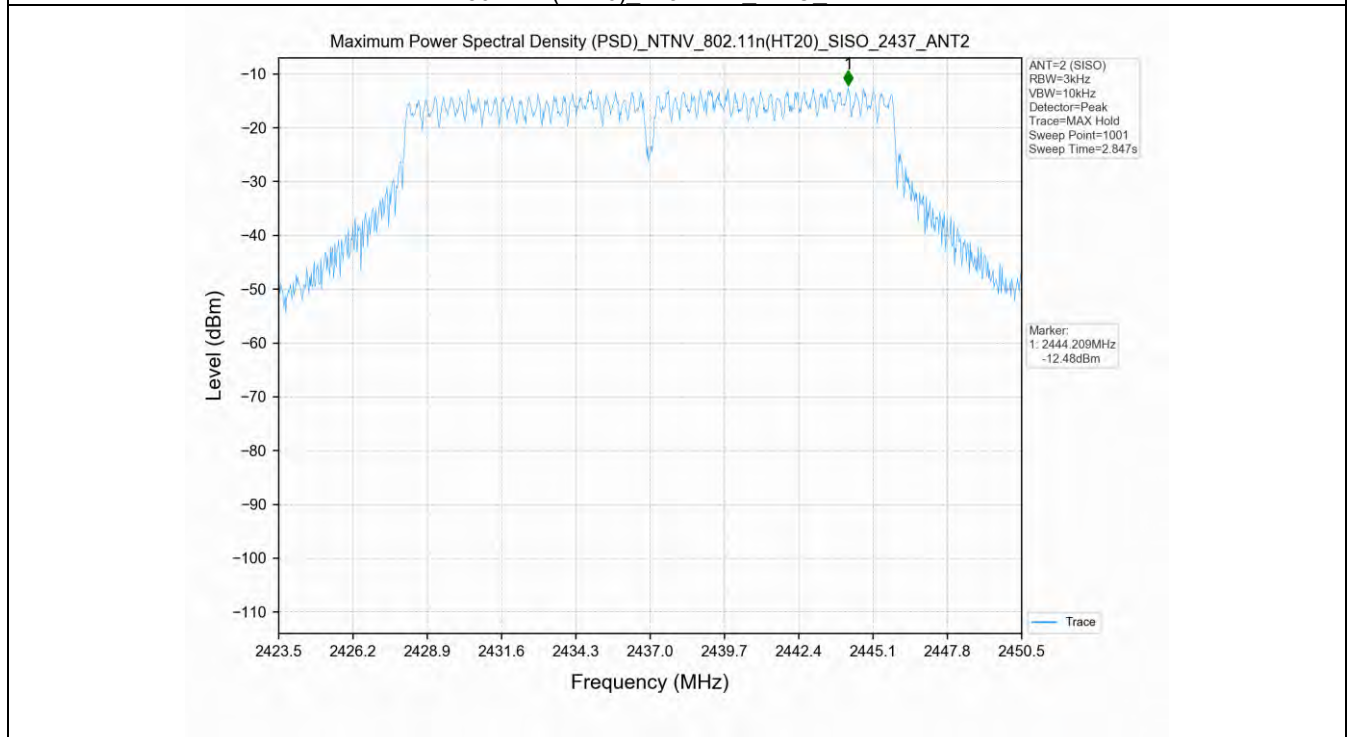
802.11n(HT20)_2412MHz_MIMO_Total



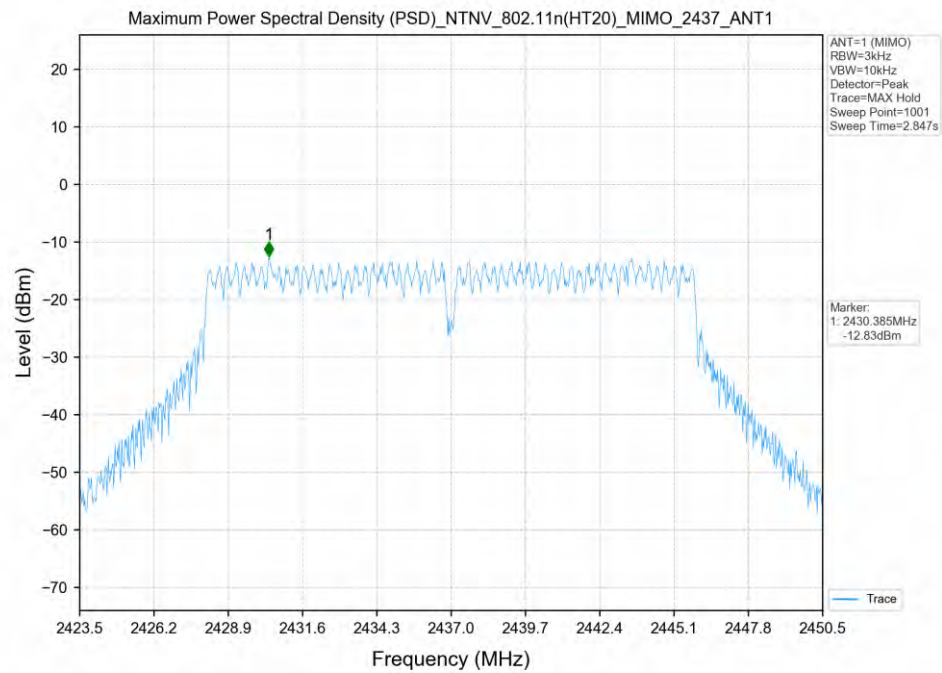
802.11n(HT20)_2437MHz_SISO_ANT1



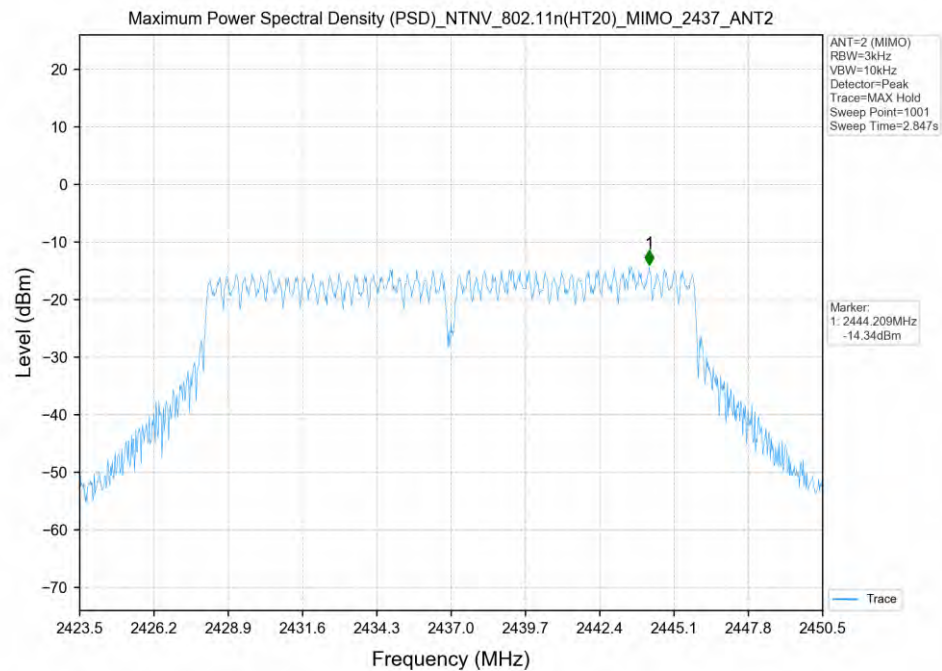
802.11n(HT20) 2437MHz SISO ANT2



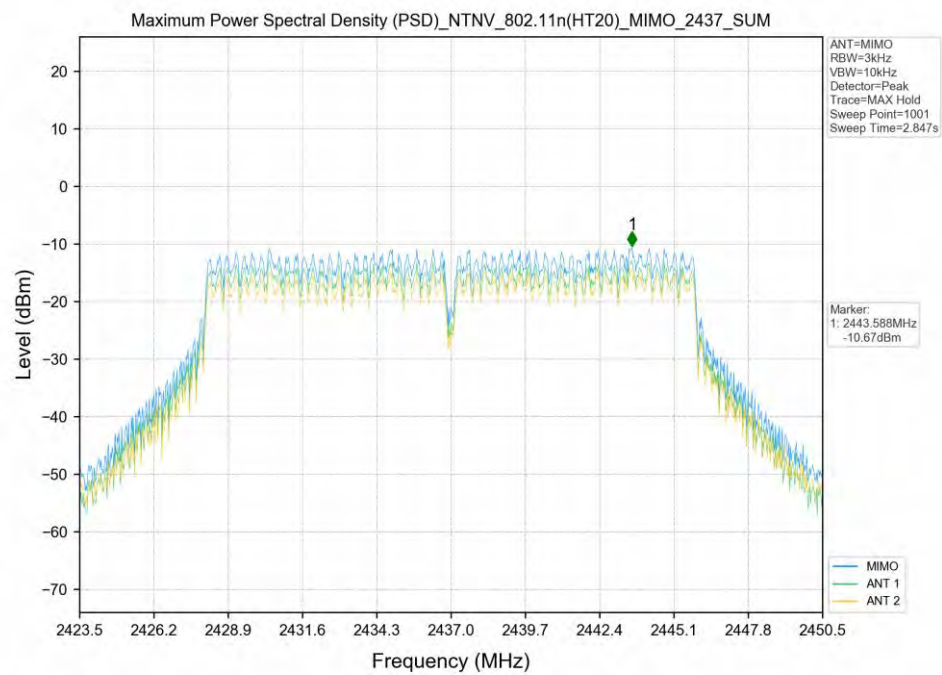
802.11n(HT20) 2437MHz MIMO ANT1



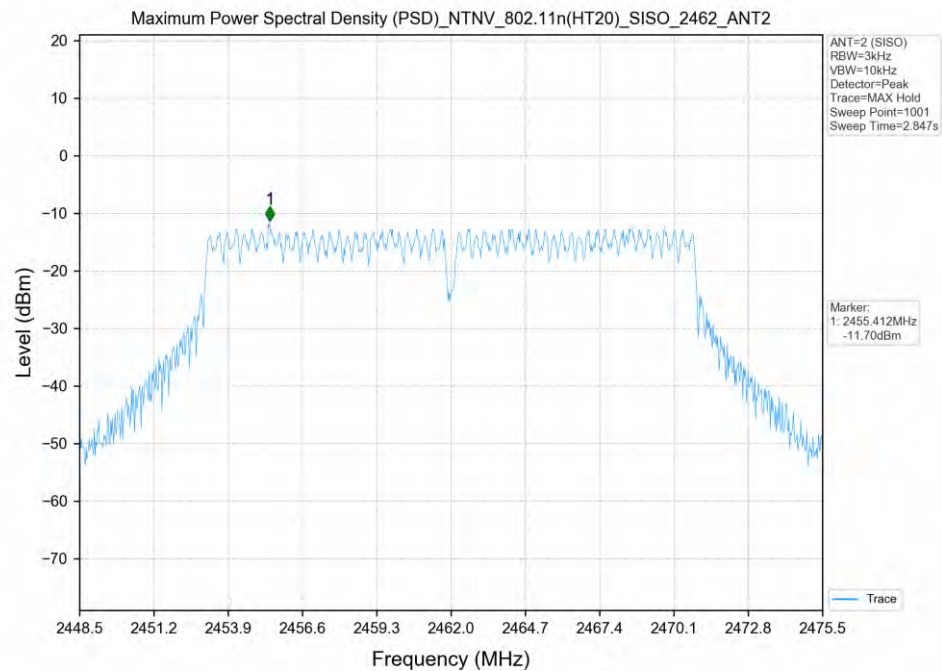
802.11n(HT20)_2437MHz_MIMO_ANT2



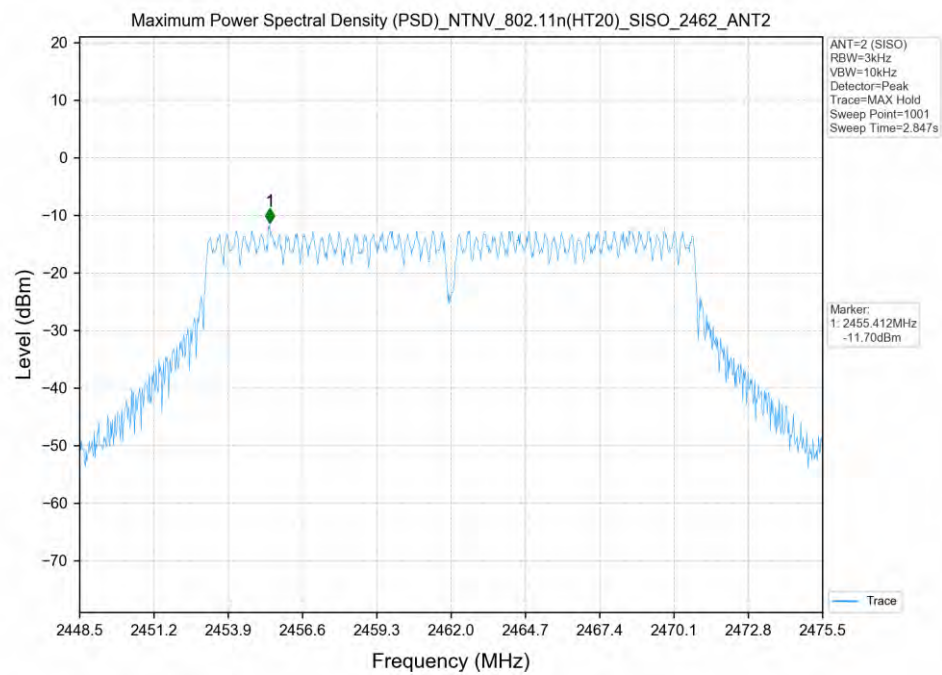
802.11n(HT20)_2437MHz_MIMO_Total



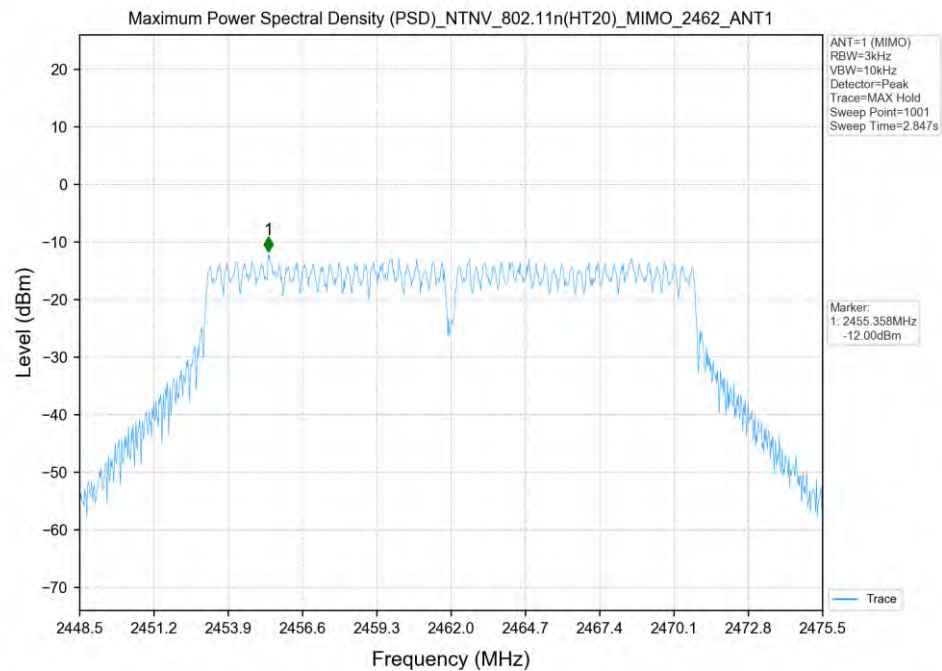
802.11n(HT20)_2462MHz_SISO_ANT1



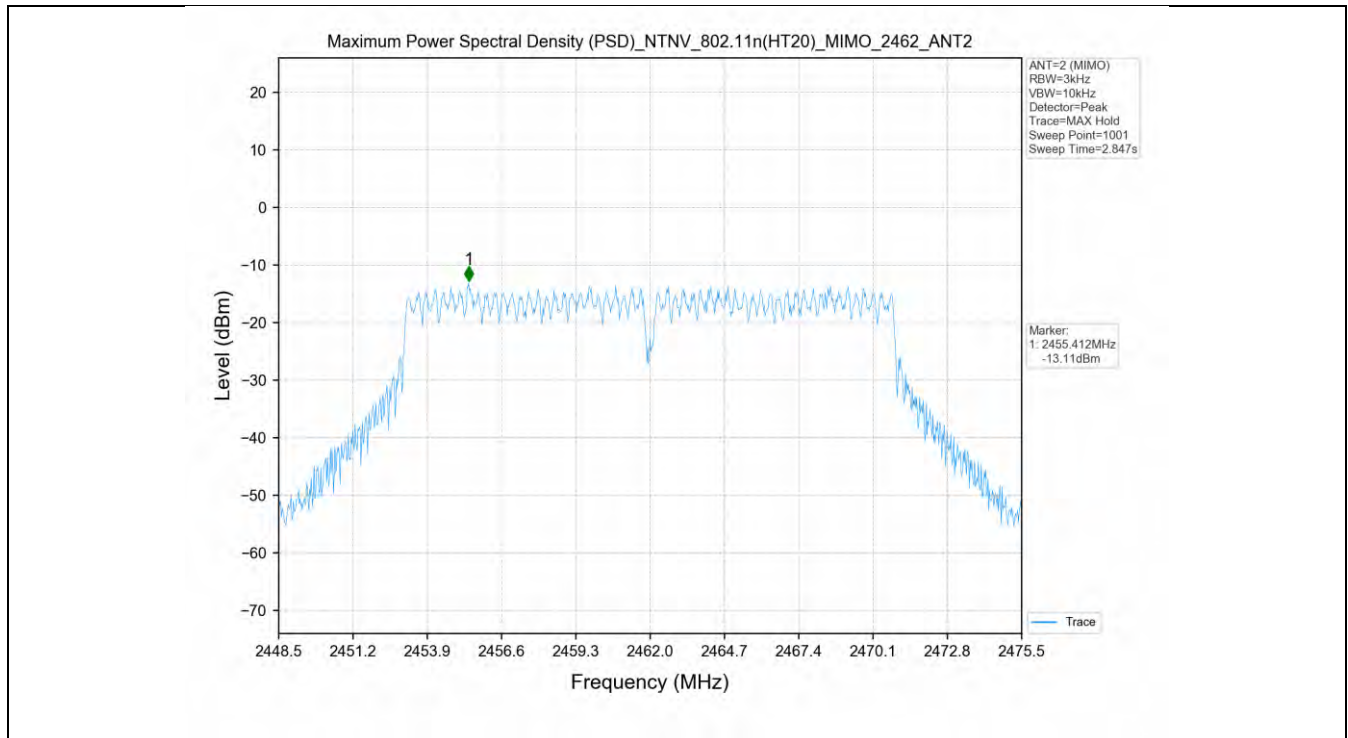
802.11n(HT20)_2462MHz_SISO_ANT2



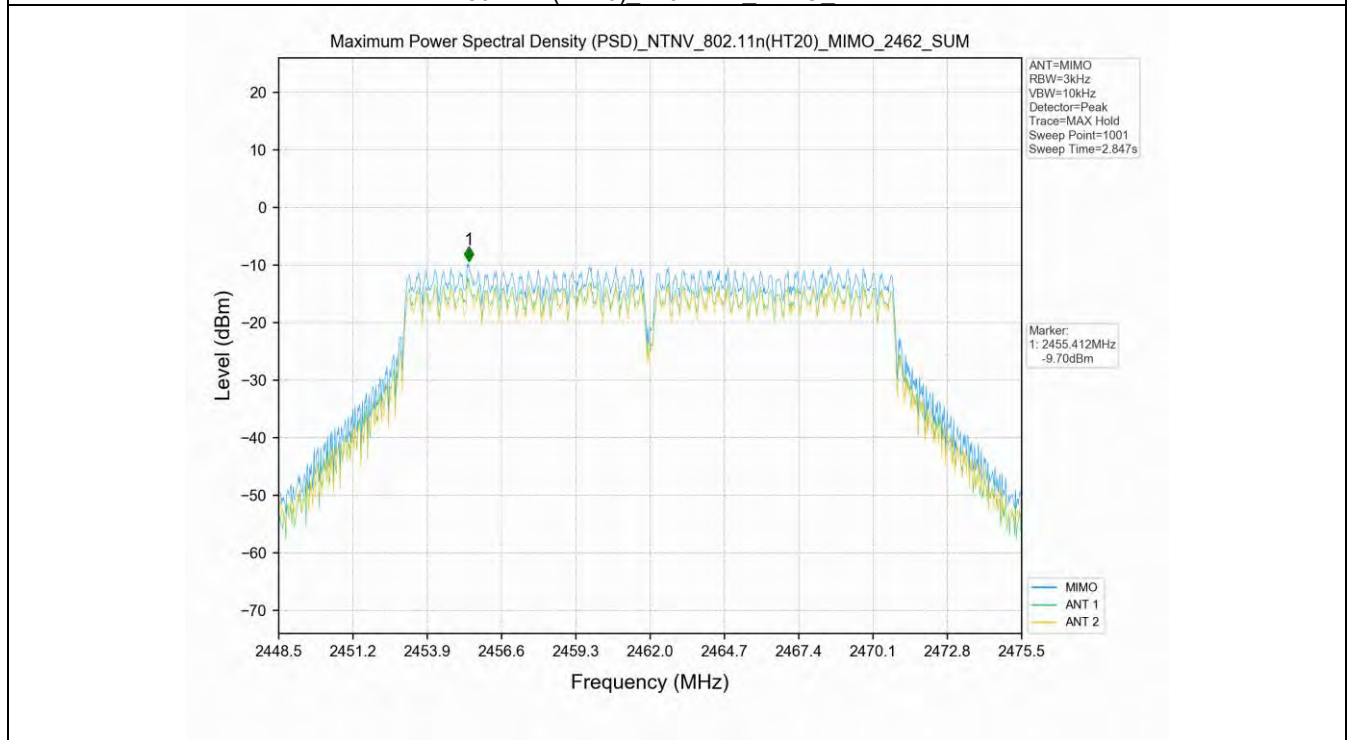
802.11n(HT20)_2462MHz_MIMO_ANT1



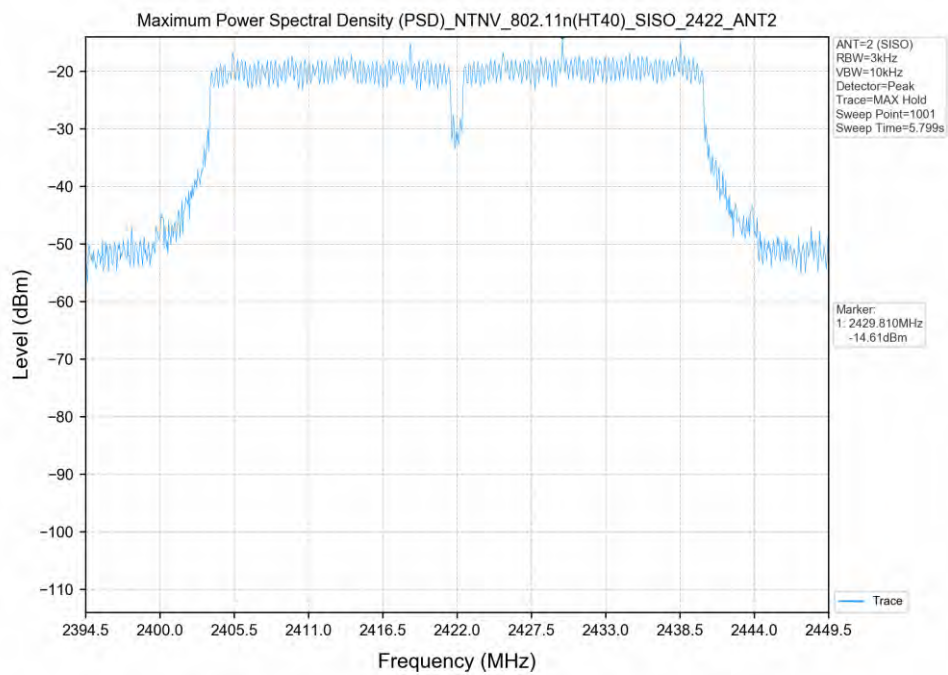
802.11n(HT20)_2462MHz_MIMO_ANT2



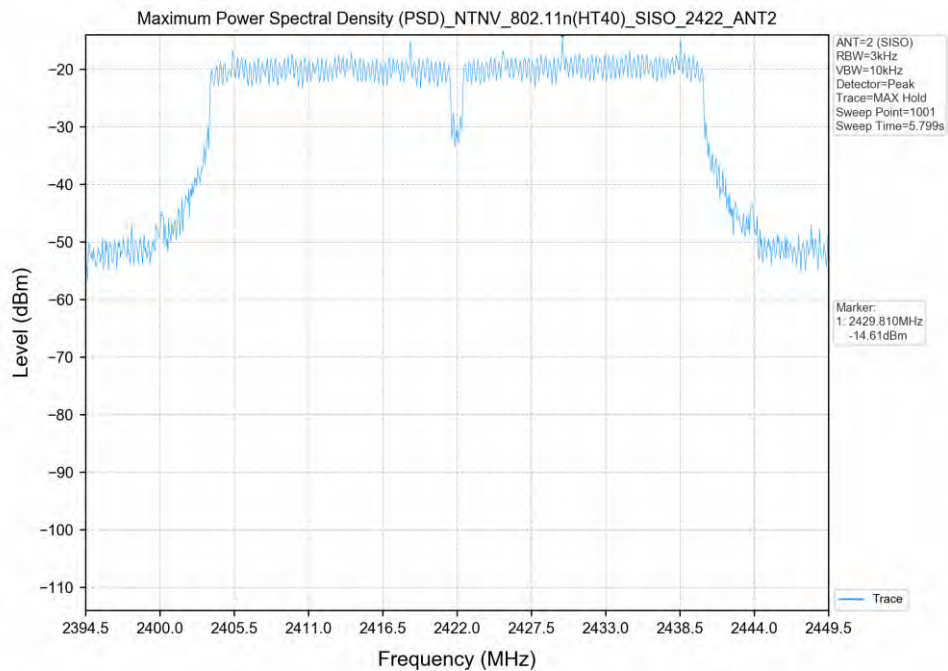
802.11n(HT20)_2462MHz_MIMO_Total



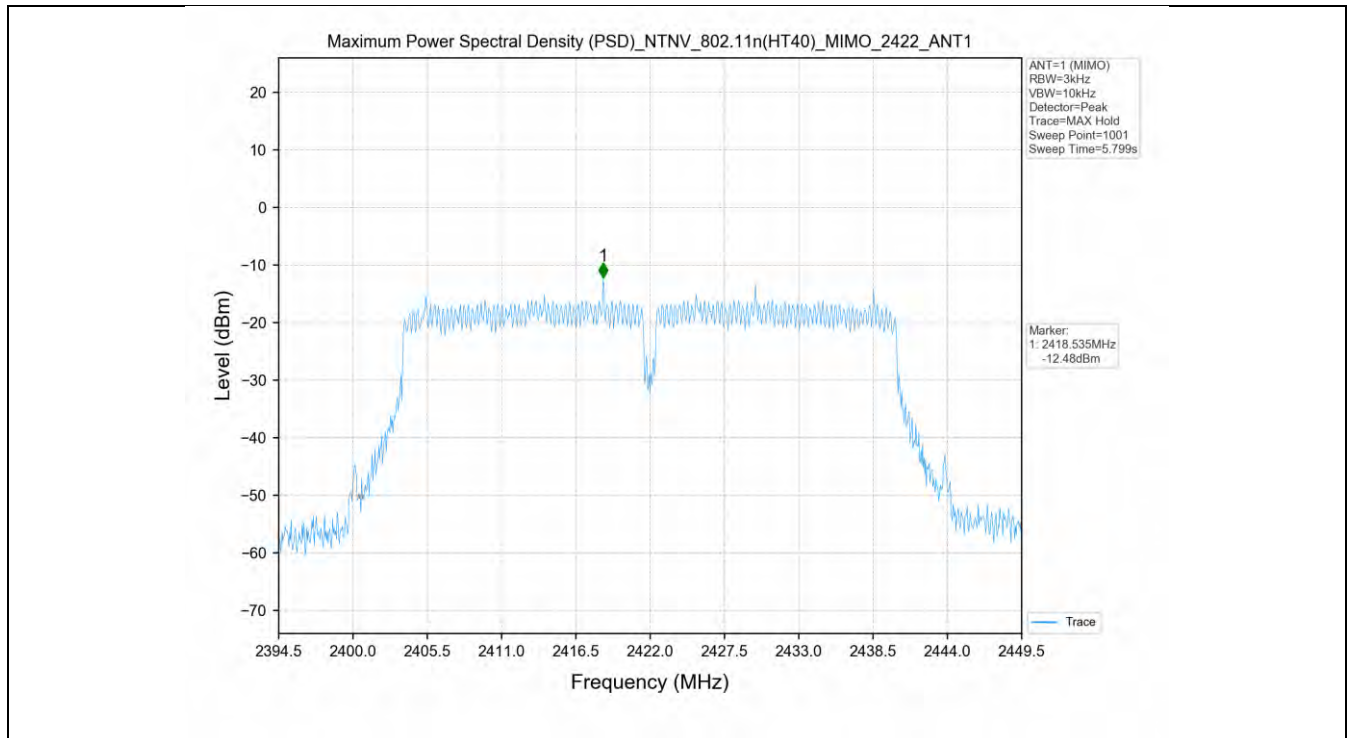
802.11n(HT40)_2422MHz_SISO_ANT1



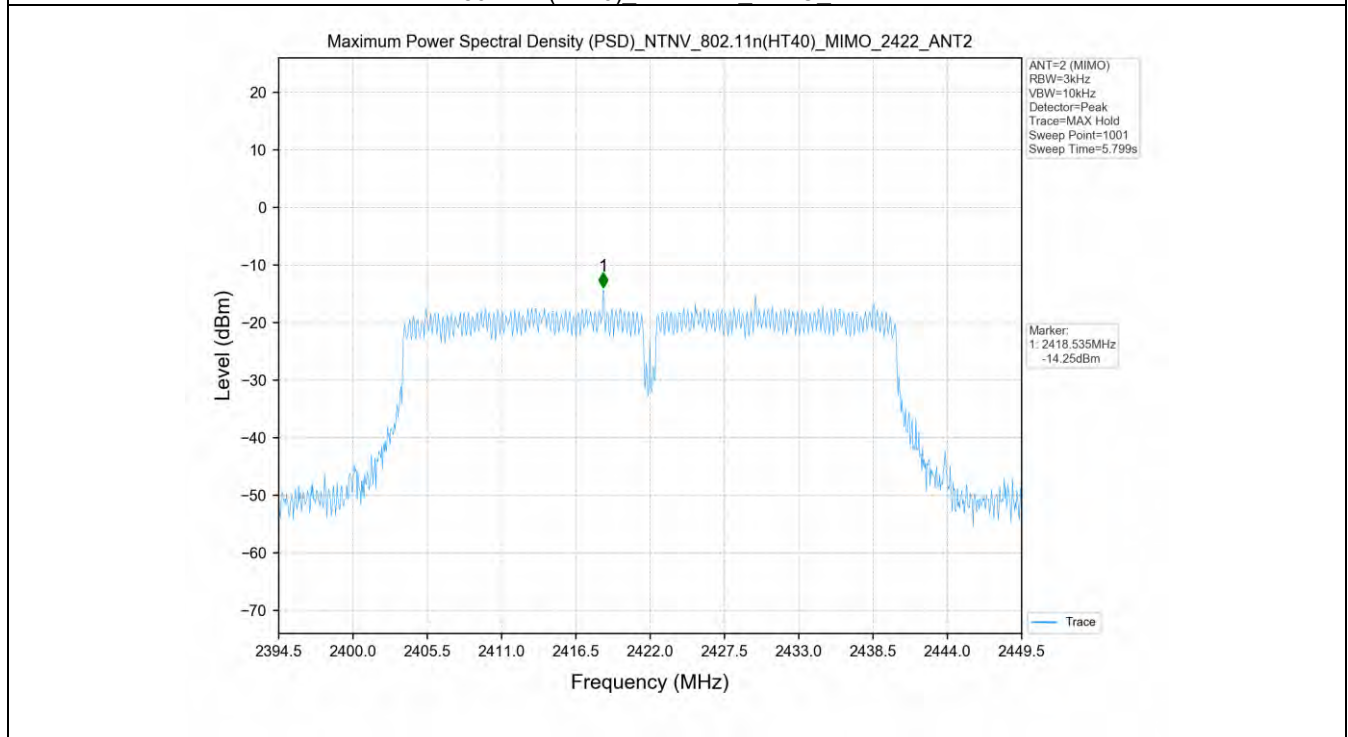
802.11n(HT40)_2422MHz_SISO_ANT2



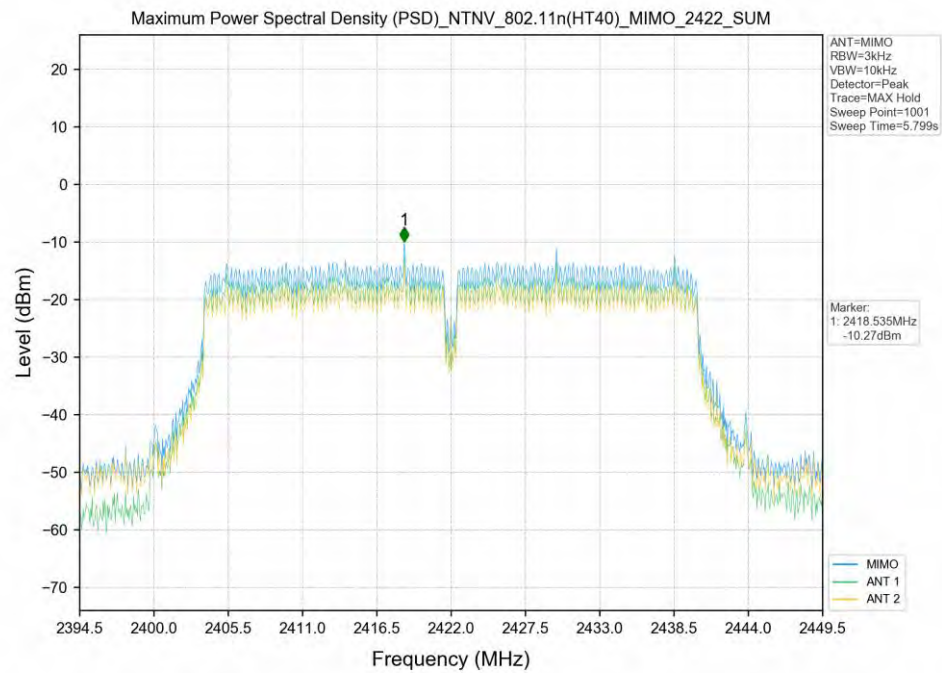
802.11n(HT40)_2422MHz_MIMO_ANT1



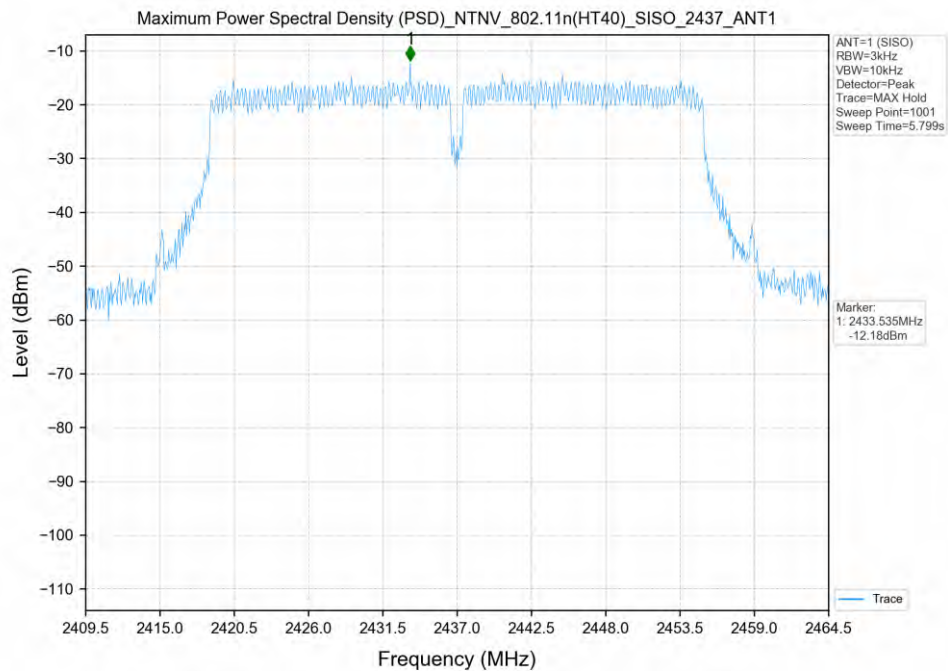
802.11n(HT40)_2422MHz_MIMO_ANT2



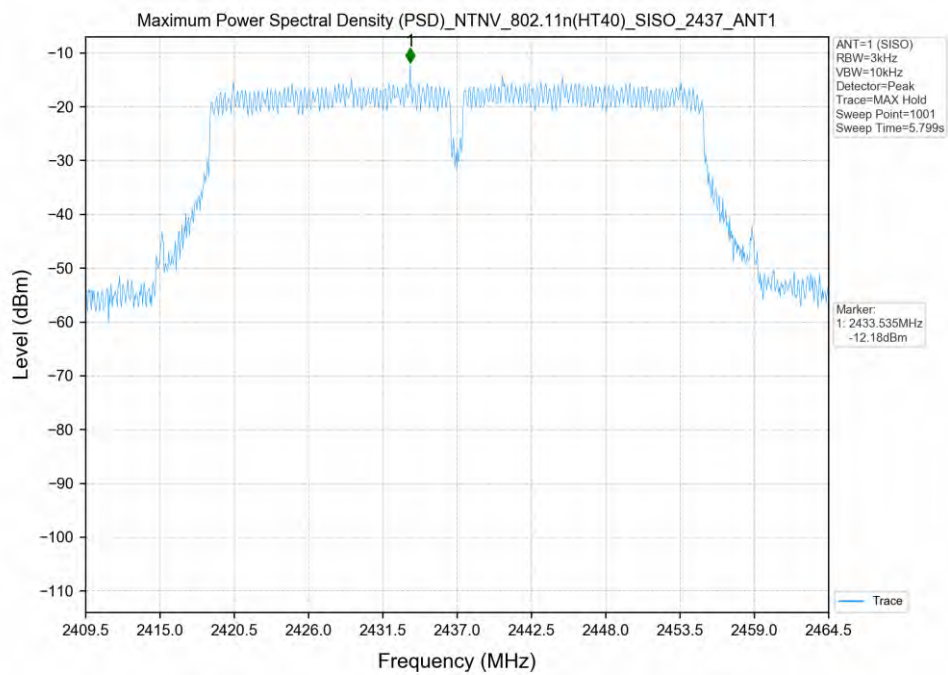
802.11n(HT40)_2422MHz_MIMO_Total



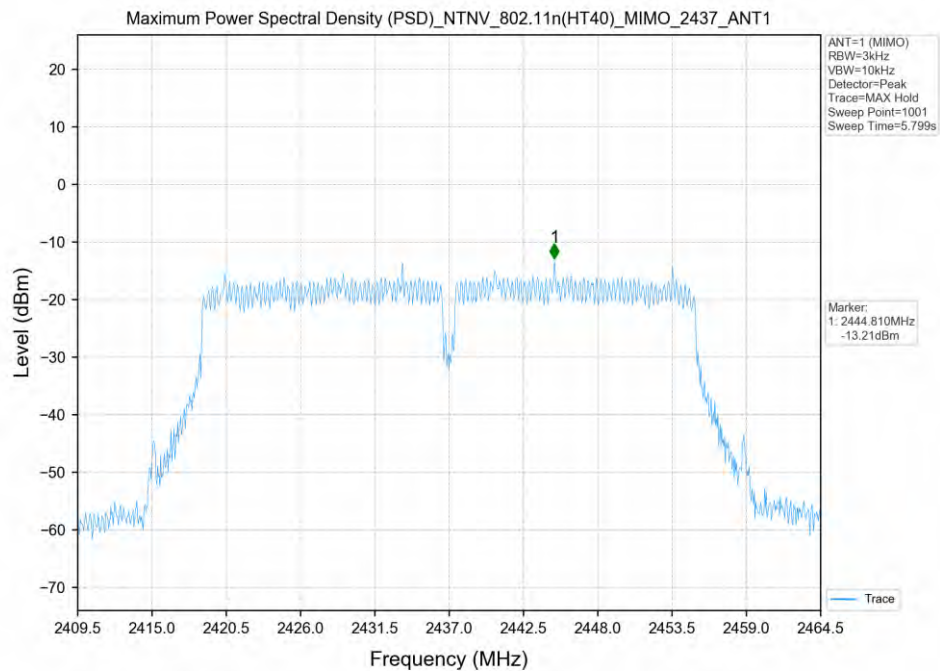
802.11n(HT40) 2437MHz SISO ANT1



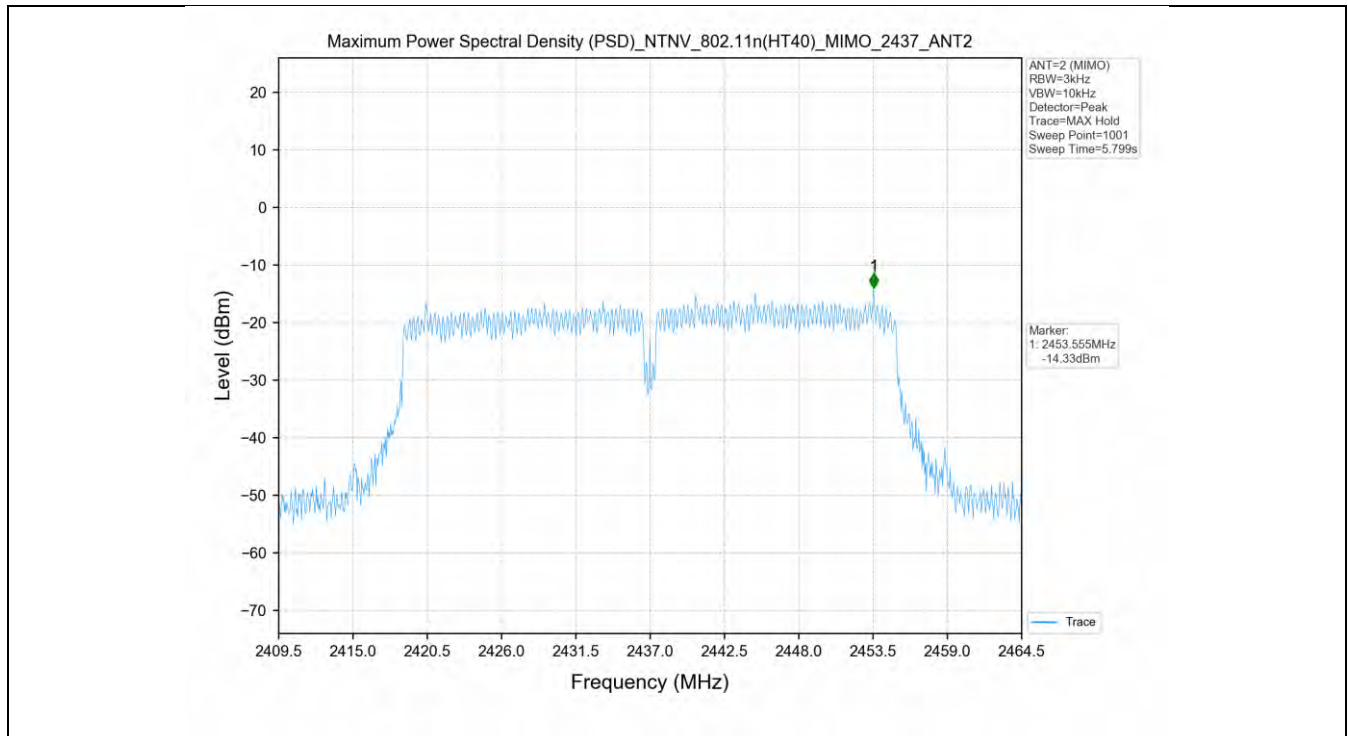
802.11n(HT40) 2437MHz SISO ANT2



802.11n(HT40)_2437MHz_MIMO_ANT1



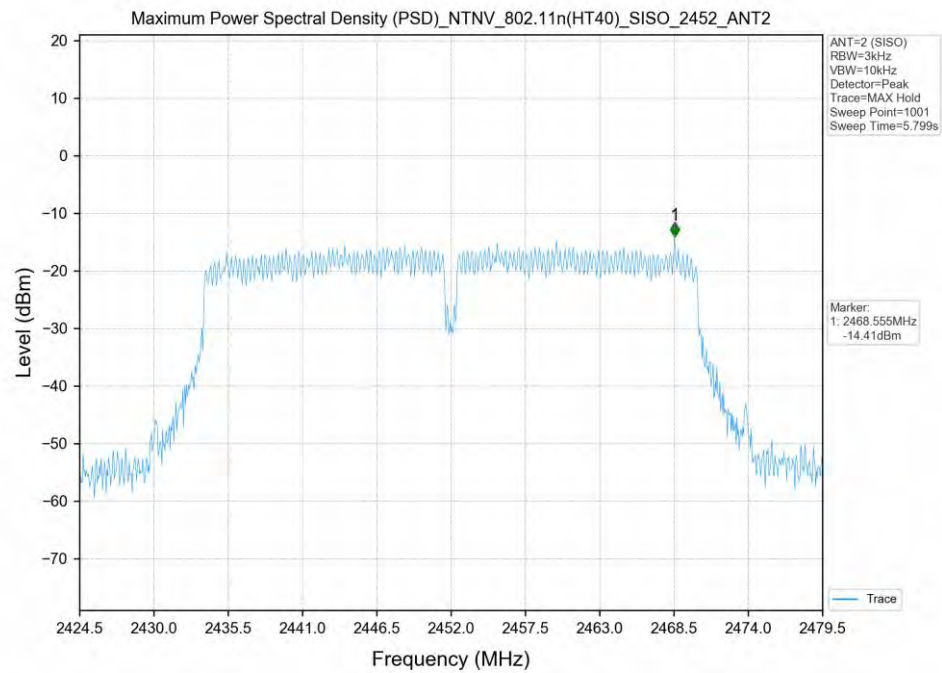
802.11n(HT40)_2437MHz_MIMO_ANT2



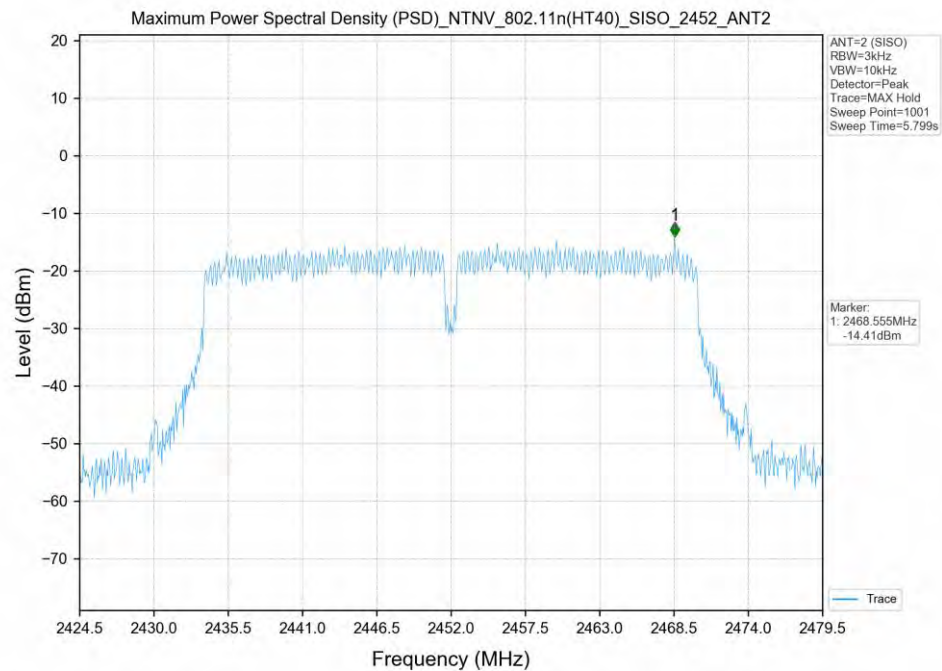
802.11n(HT40)_2437MHz_MIMO_Total



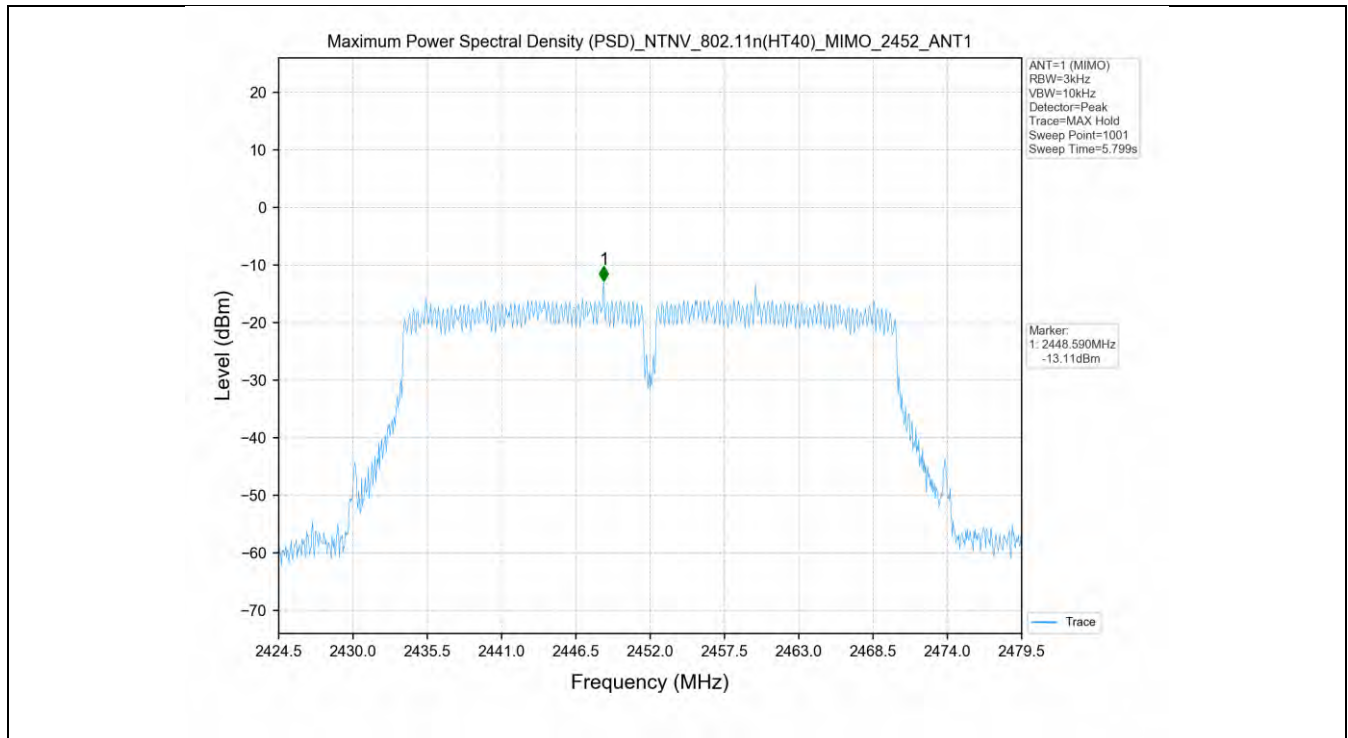
802.11n(HT40)_2452MHz_SISO_ANT1



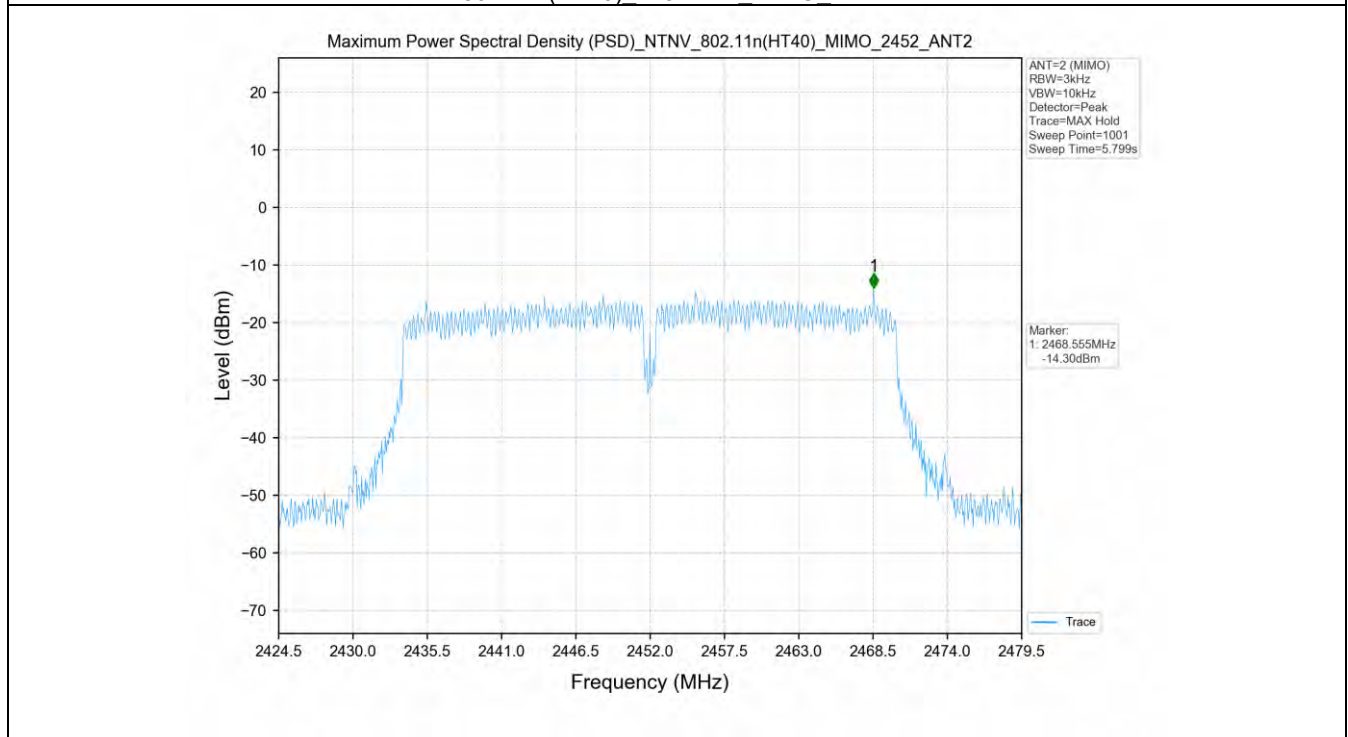
802.11n(HT40) 2452MHz SISO ANT2



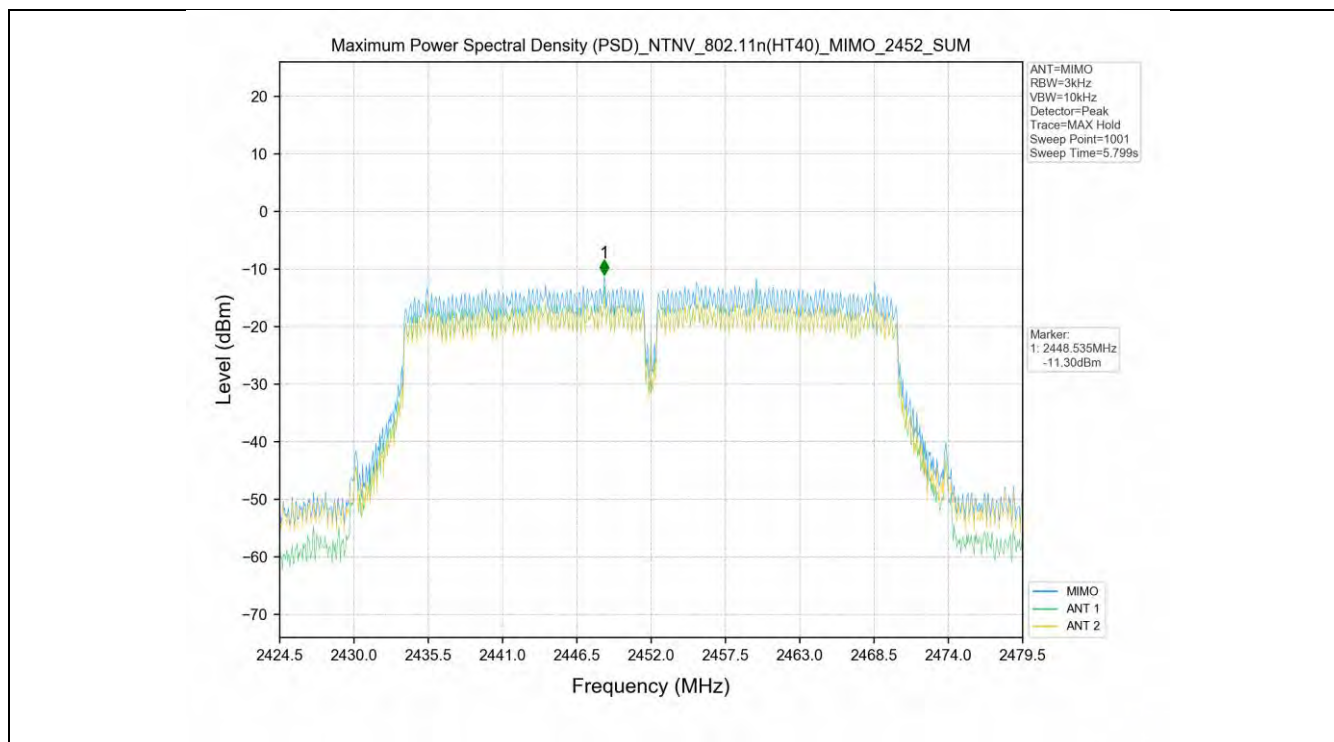
802.11n(HT40) 2452MHz MIMO ANT1



802.11n(HT40)_2452MHz_MIMO_ANT2



802.11n(HT40)_2452MHz_MIMO_Total



5. Unwanted Emissions in Non-restricted Frequency Bands

5.1 Test Result

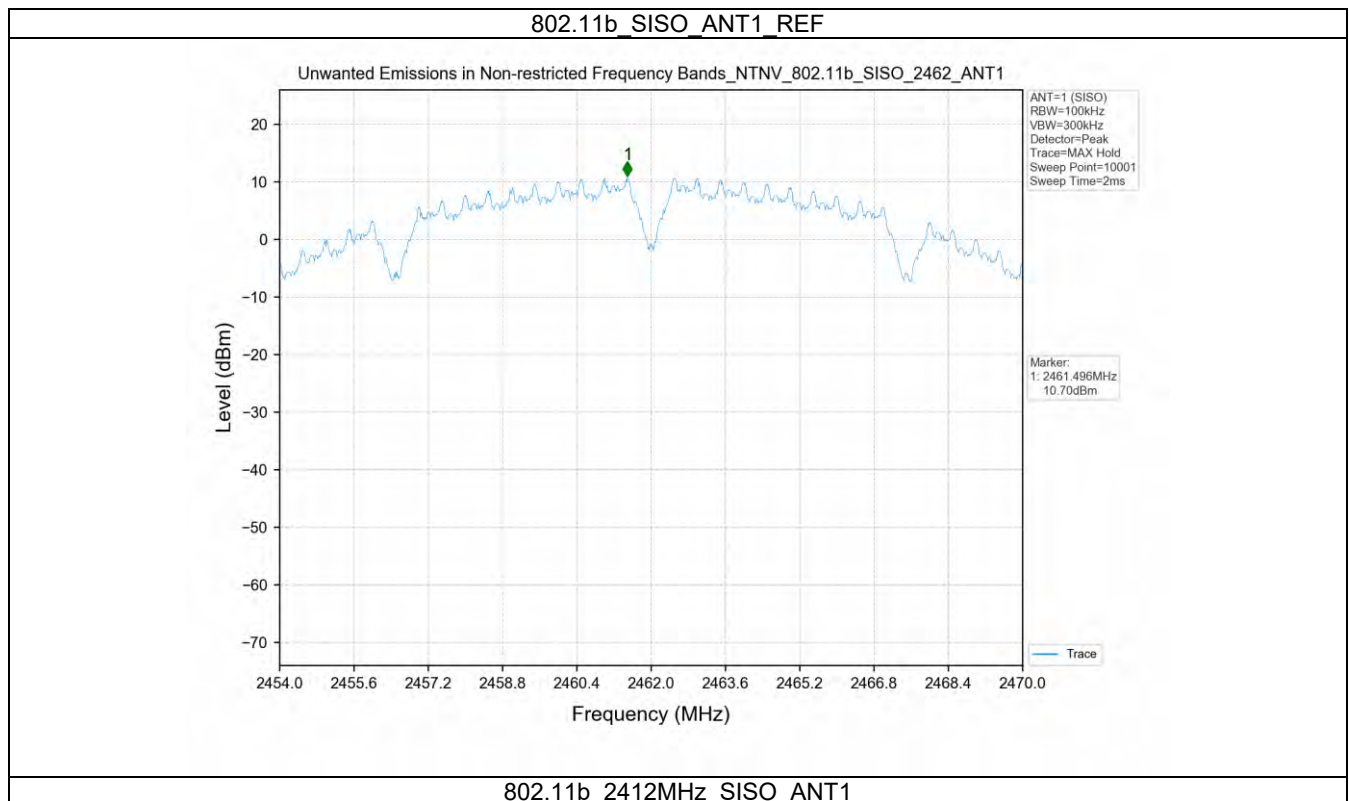
Test Mode	Frequency (MHz)	TX Type	ANT No.	Spurious Conducted Emission (dBc)	Limits (dBc)	Verdict
802.11b	2412	SISO	1	Refer to test graph	≤ -30	PASS
			2	Refer to test graph	≤ -30	PASS
	2437	SISO	1	Refer to test graph	≤ -30	PASS
			2	Refer to test graph	≤ -30	PASS
	2462	SISO	1	Refer to test graph	≤ -30	PASS
			2	Refer to test graph	≤ -30	PASS
802.11g	2412	SISO	1	Refer to test graph	≤ -30	PASS
			2	Refer to test graph	≤ -30	PASS
	2437	SISO	1	Refer to test graph	≤ -30	PASS
			2	Refer to test graph	≤ -30	PASS
	2462	SISO	1	Refer to test graph	≤ -30	PASS
			2	Refer to test graph	≤ -30	PASS
802.11n(HT20)	2412	SISO	1	Refer to test graph	≤ -30	PASS
			2	Refer to test graph	≤ -30	PASS
		MIMO	0	Refer to test graph	≤ -30	PASS
	2437	SISO	1	Refer to test graph	≤ -30	PASS
			2	Refer to test graph	≤ -30	PASS
		MIMO	0	Refer to test graph	≤ -30	PASS
	2462	SISO	1	Refer to test graph	≤ -30	PASS
			2	Refer to test graph	≤ -30	PASS
		MIMO	0	Refer to test graph	≤ -30	PASS
802.11n(HT40)	2422	SISO	1	Refer to test graph	≤ -30	PASS

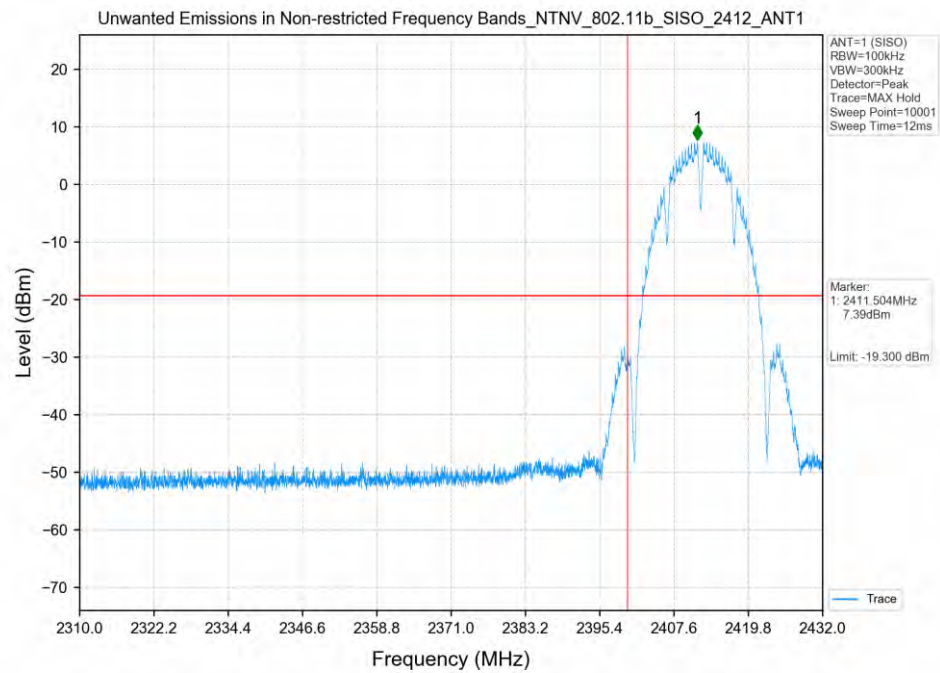


SGS-CSTC Standards Technical Services (Shanghai) Co., Ltd.

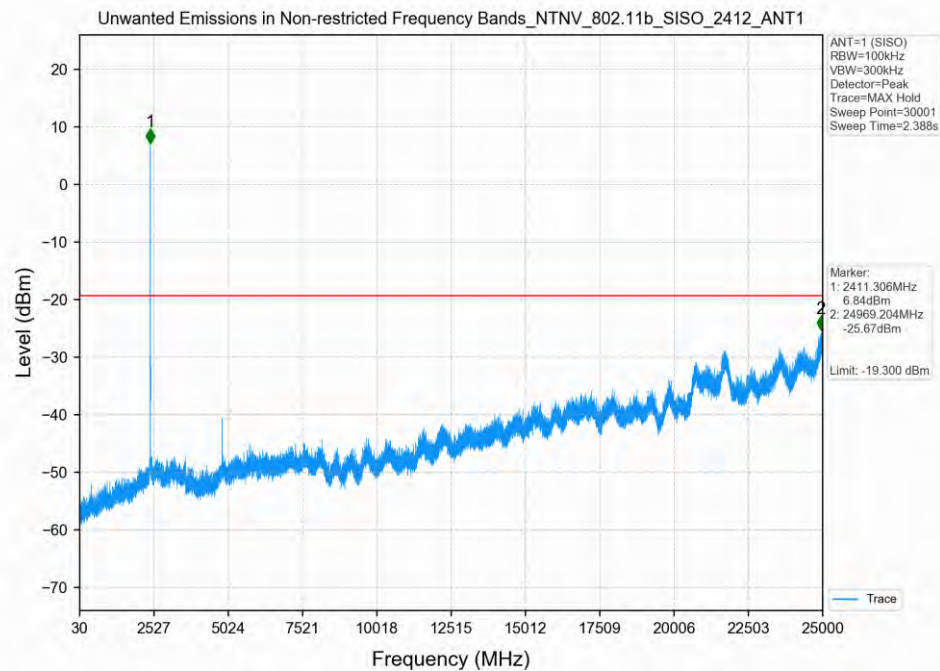
			2	Refer to test graph	≤ -30	PASS
		MIMO	0	Refer to test graph	≤ -30	PASS
	2437	SISO	1	Refer to test graph	≤ -30	PASS
			2	Refer to test graph	≤ -30	PASS
	2452	MIMO	0	Refer to test graph	≤ -30	PASS
		SISO	1	Refer to test graph	≤ -30	PASS
			2	Refer to test graph	≤ -30	PASS
		MIMO	0	Refer to test graph	≤ -30	PASS

5.2 Test Graph

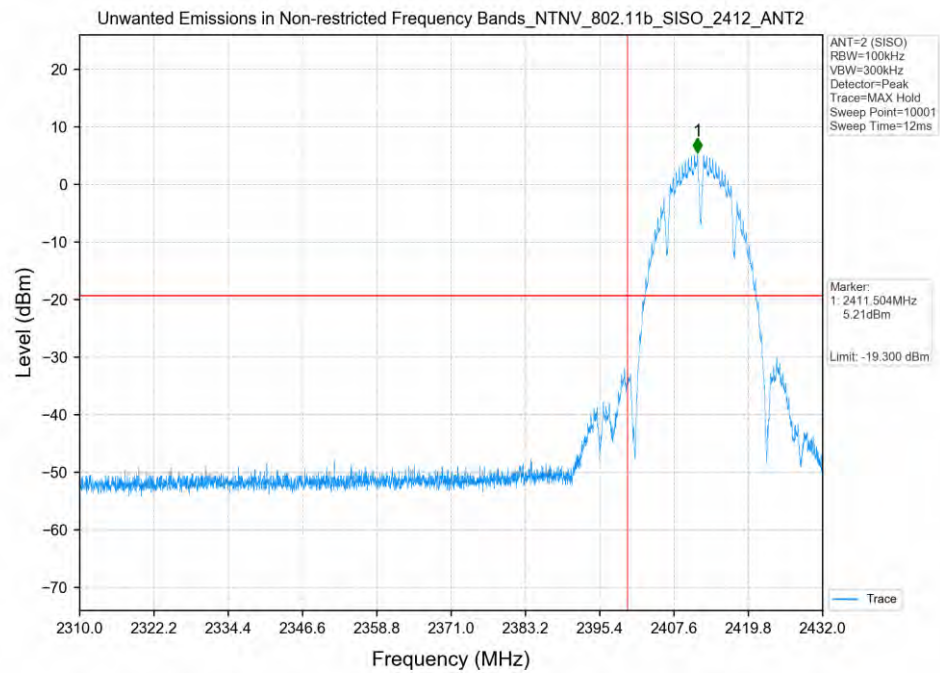




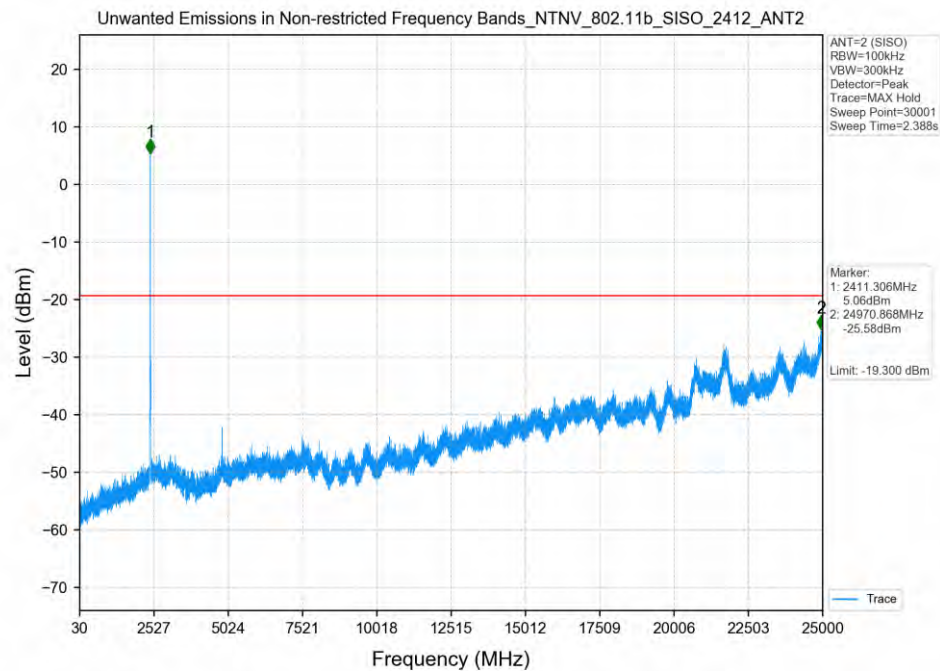
802.11b_2412MHz_SISO_ANT1



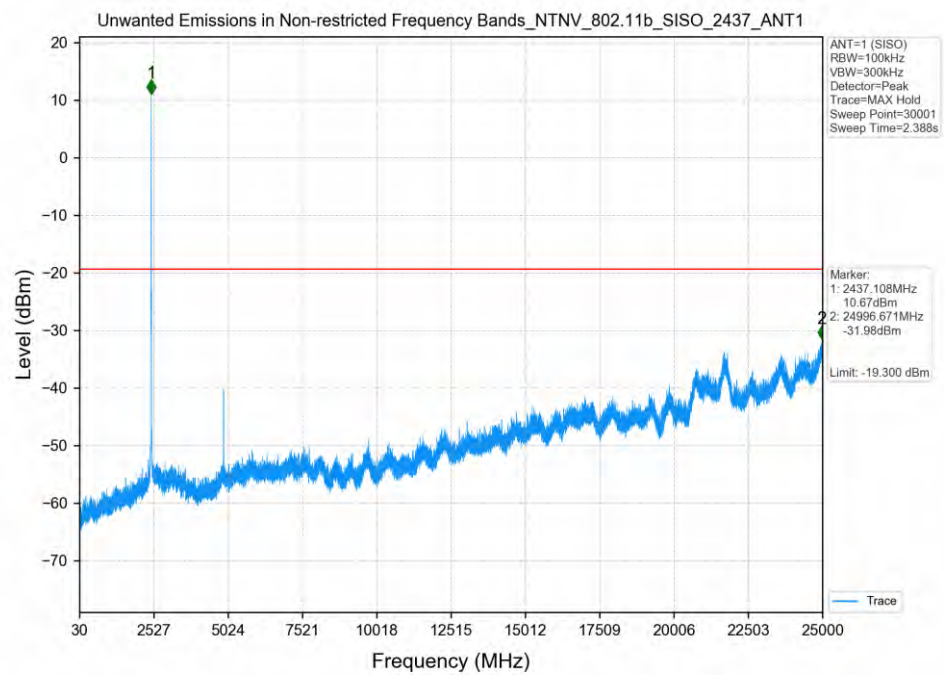
802.11b_2412MHz_SISO_ANT2



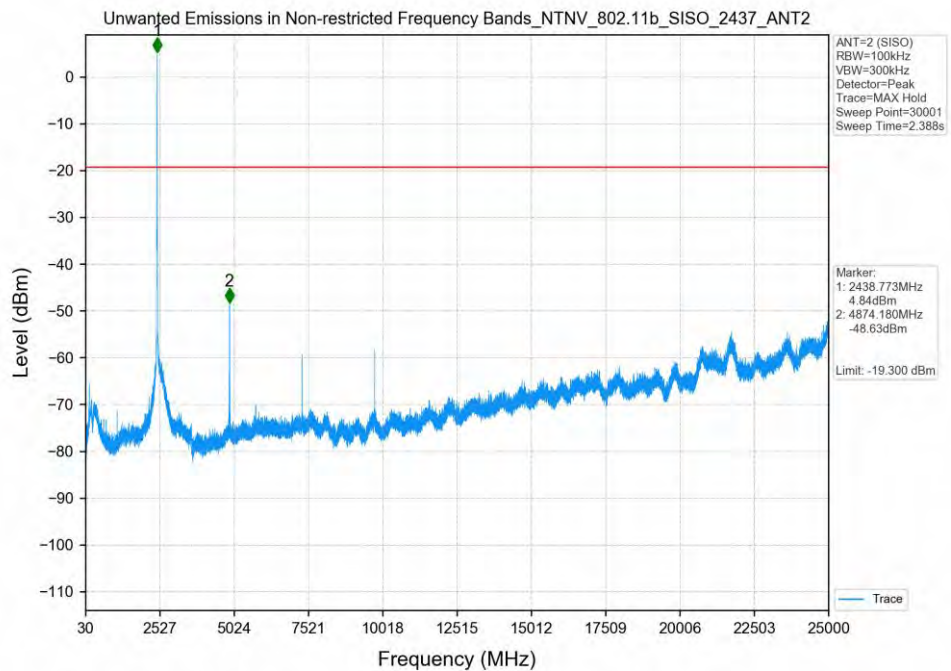
802.11b_2412MHz_SISO_ANT2



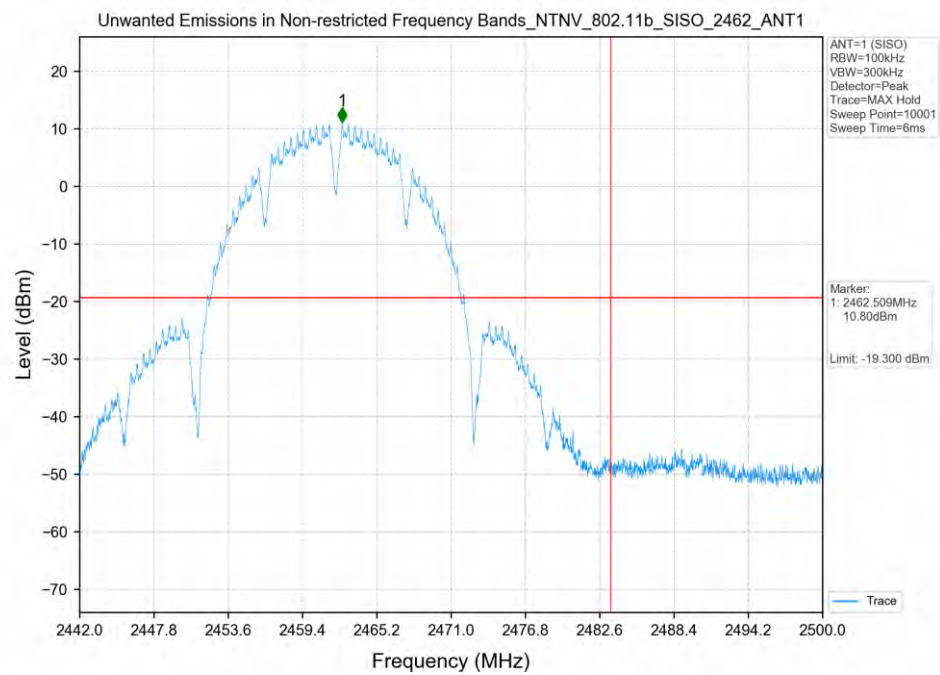
802.11b_2437MHz_SISO_ANT1



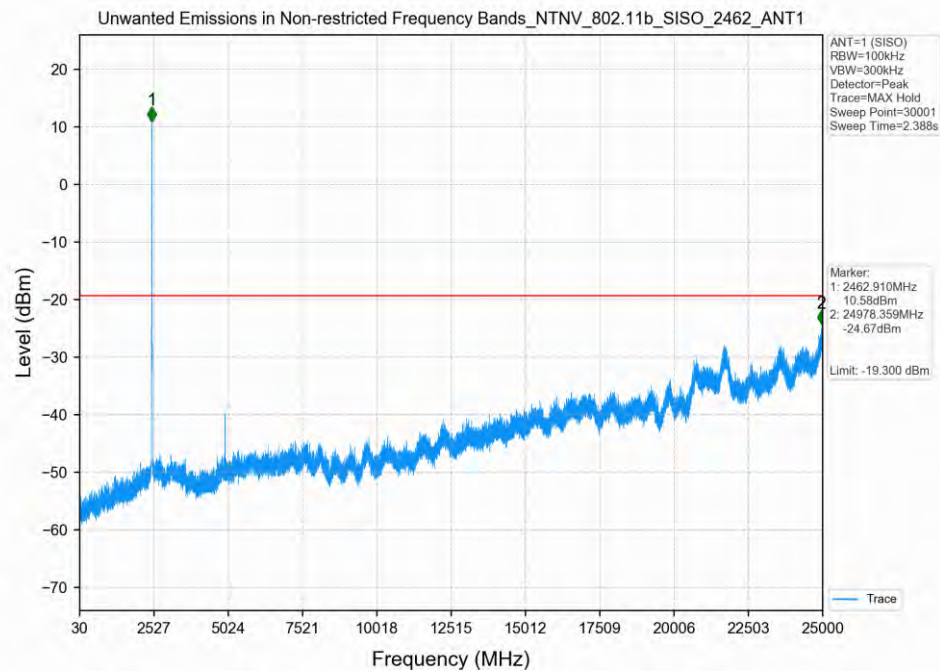
802.11b_2437MHz_SISO_ANT2



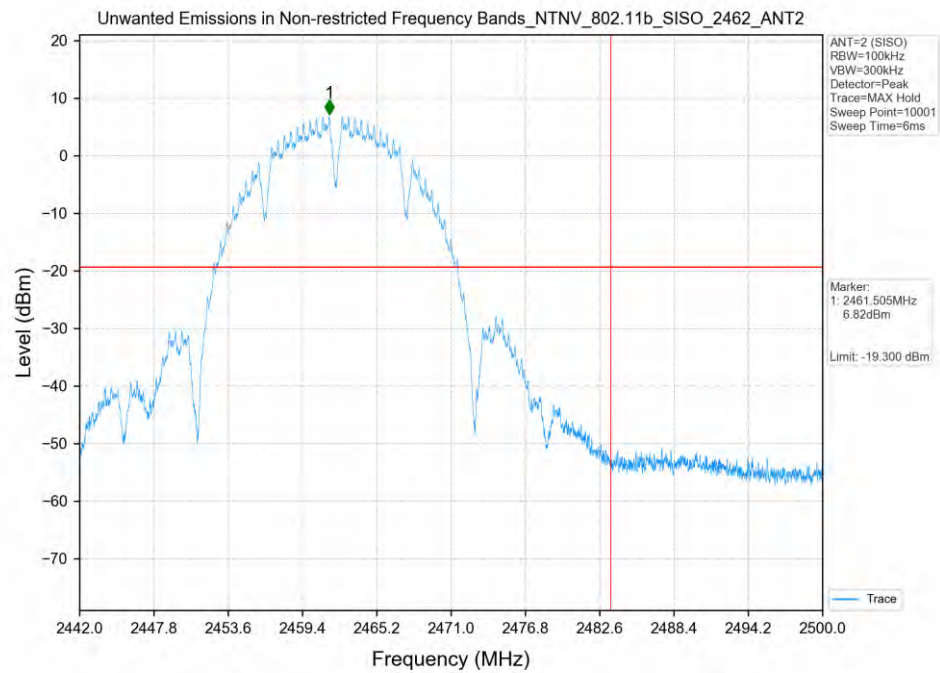
802.11b_2462MHz_SISO_ANT1



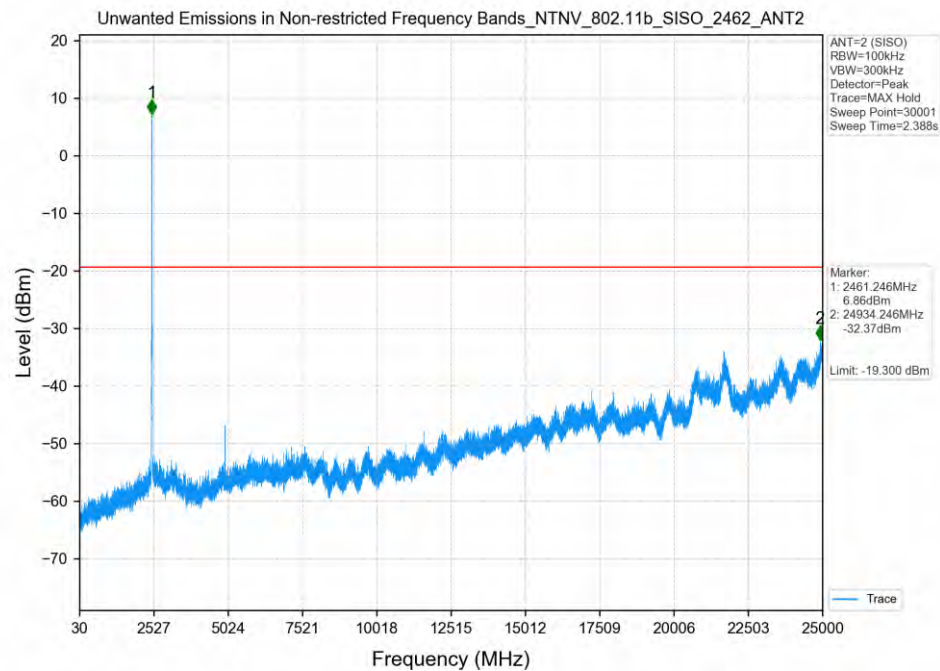
802.11b_2462MHz_SISO_ANT1



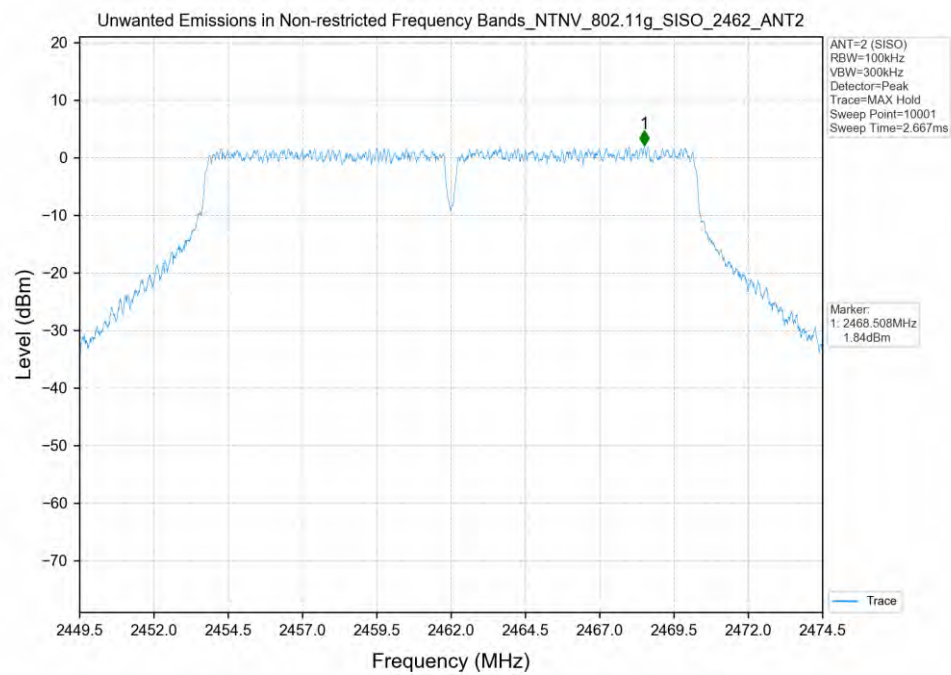
802.11b_2462MHz_SISO_ANT2



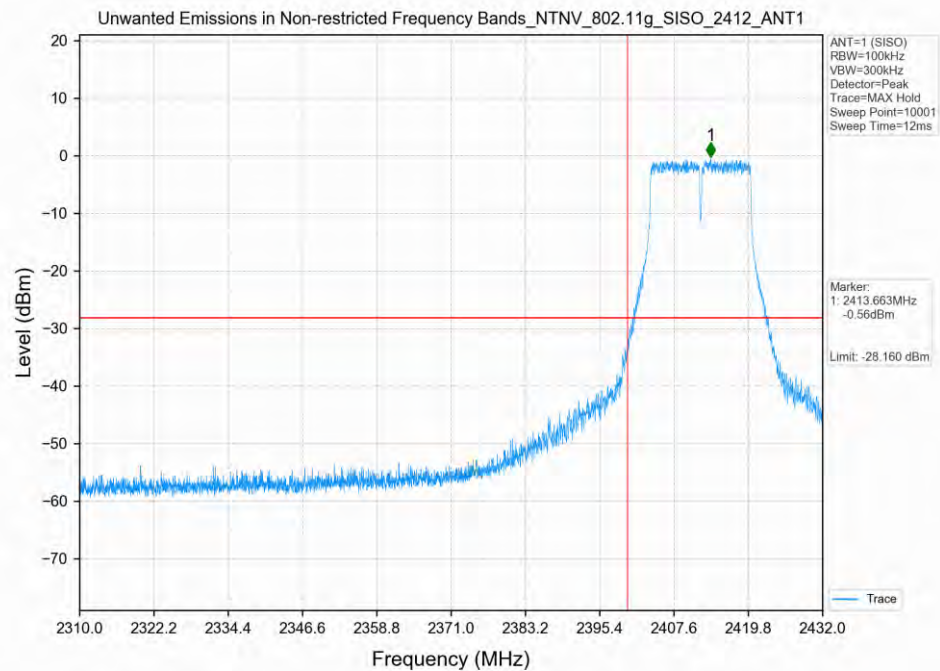
802.11b_2462MHz_SISO_ANT2



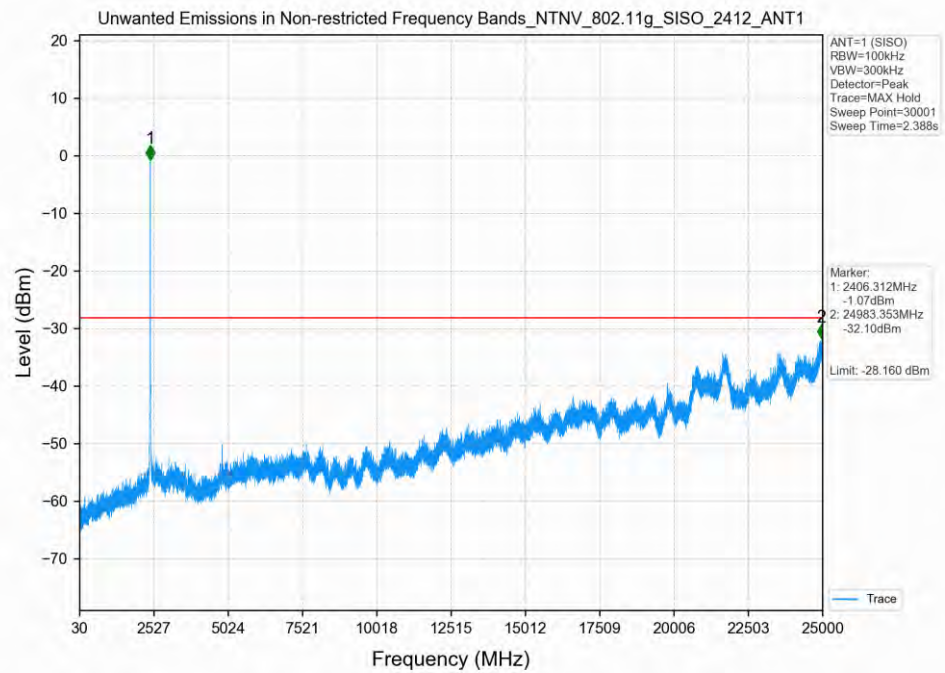
802.11g_SISO_ANT2_REF



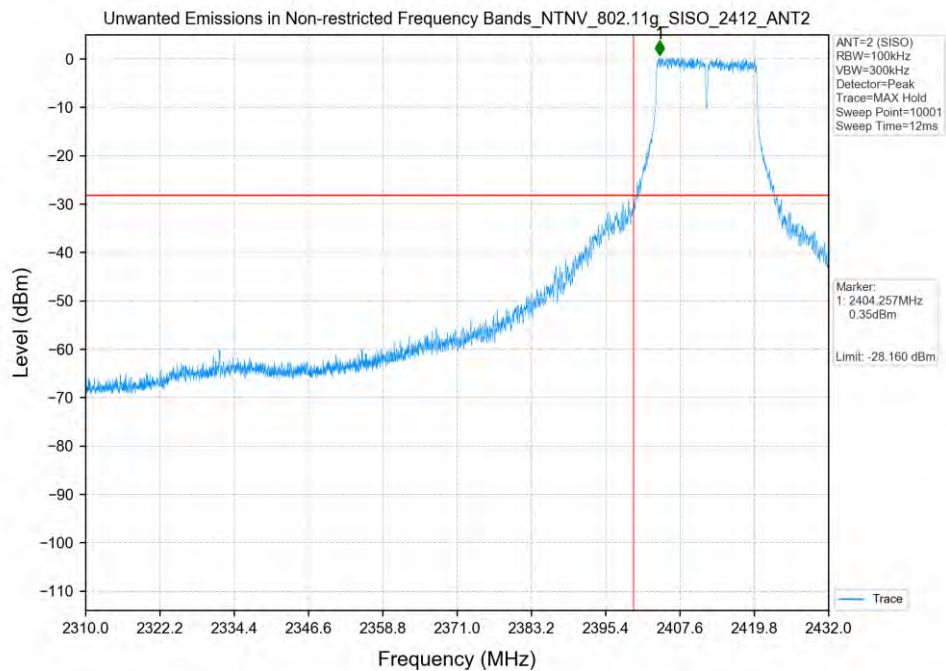
802.11g_2412MHz_SISO_ANT1



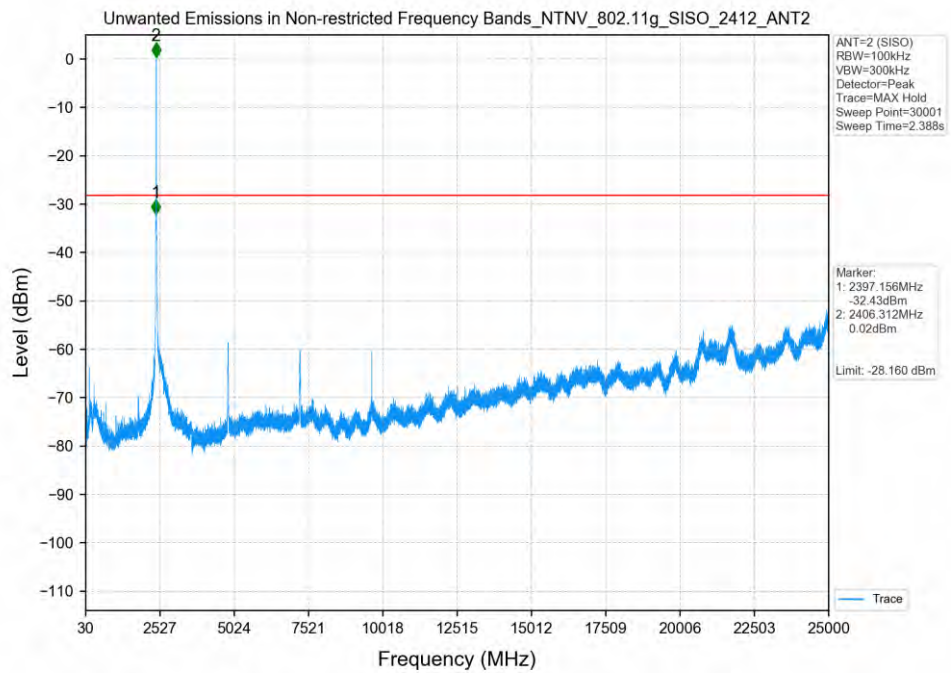
802.11g_2412MHz_SISO_ANT1



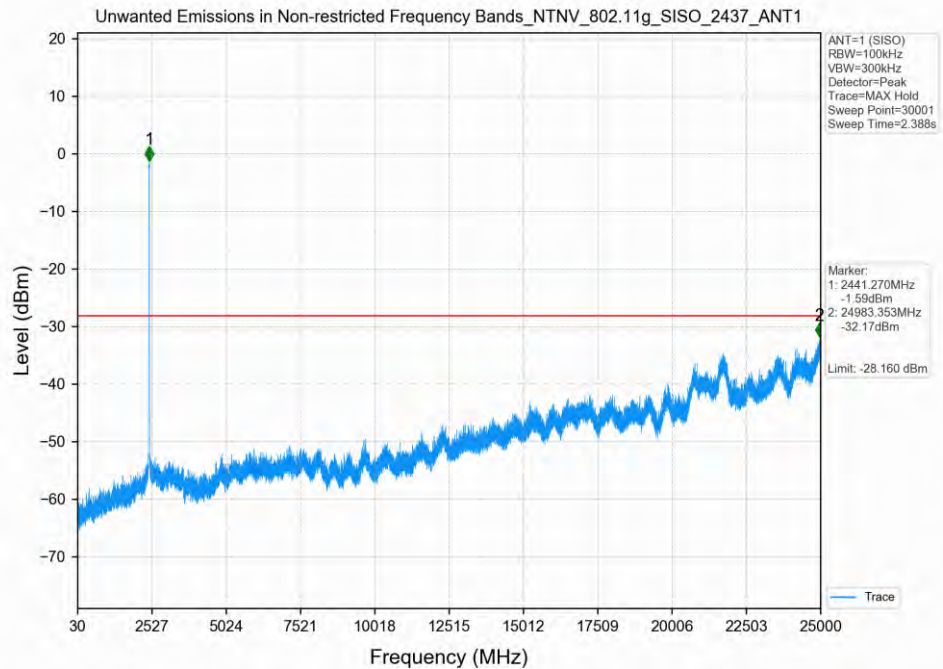
802.11g_2412MHz_SISO_ANT2



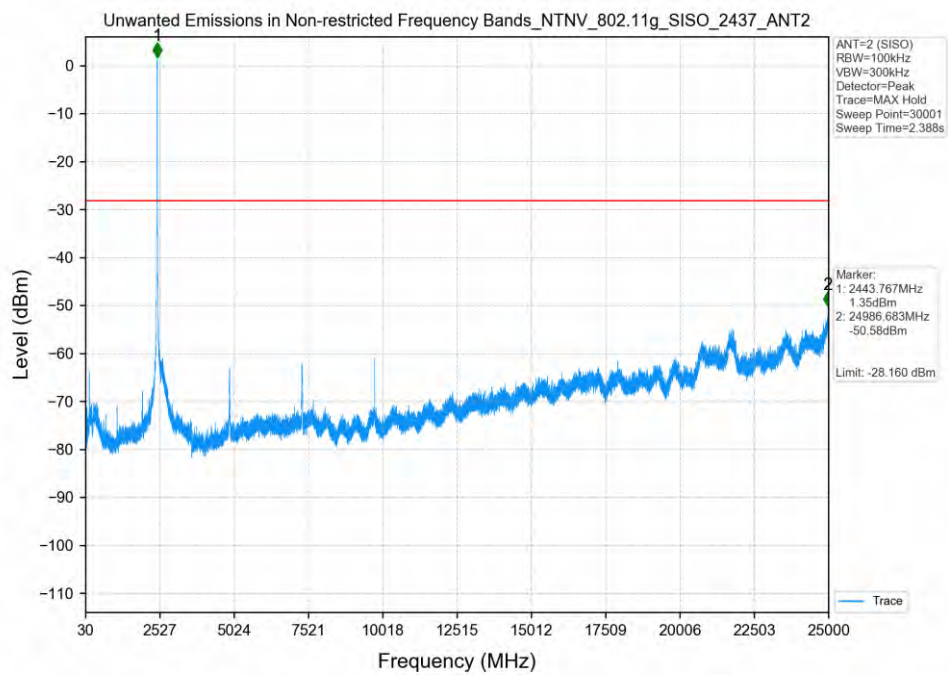
802.11g_2412MHz_SISO_ANT2



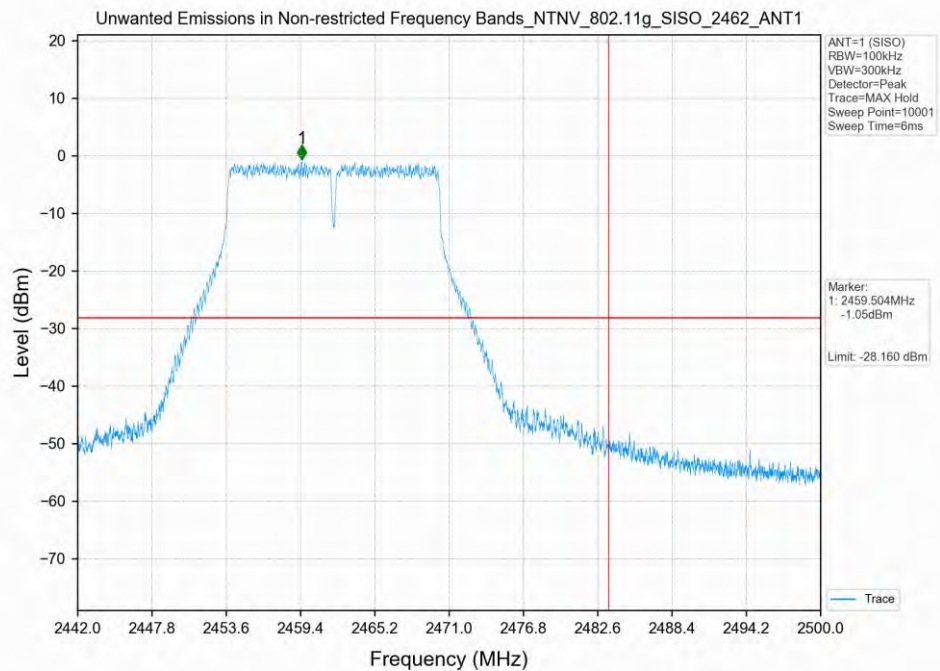
802.11g_2437MHz_SISO_ANT1



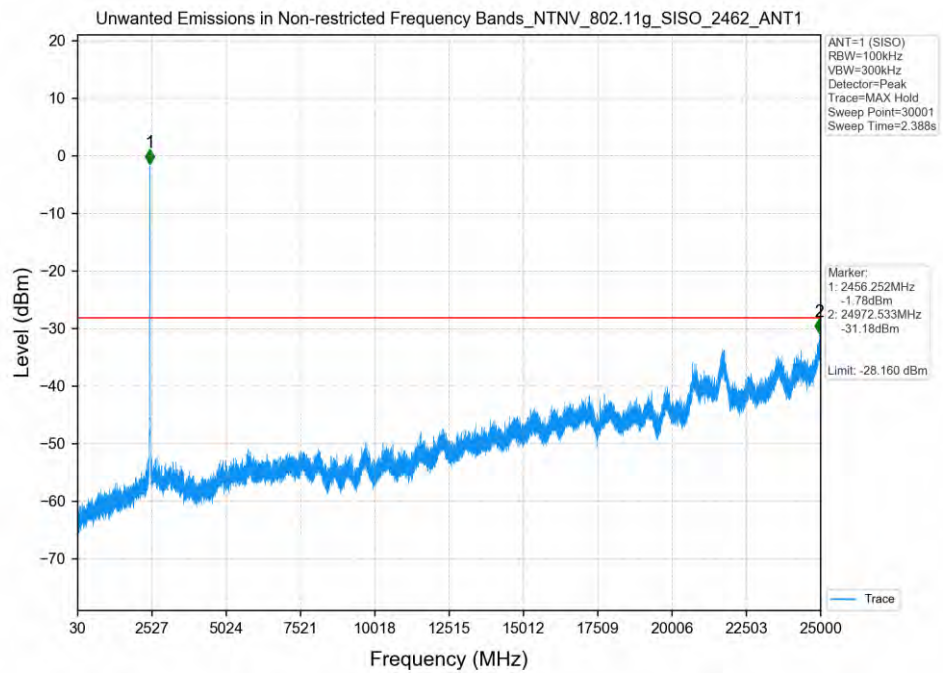
802.11g_2437MHz_SISO_ANT2



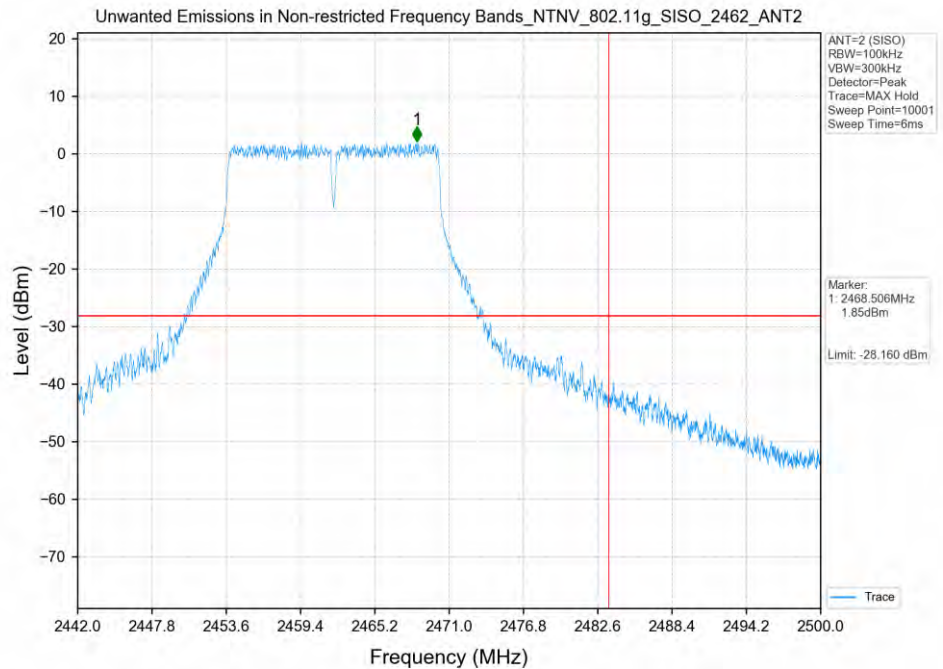
802.11g_2462MHz_SISO_ANT1



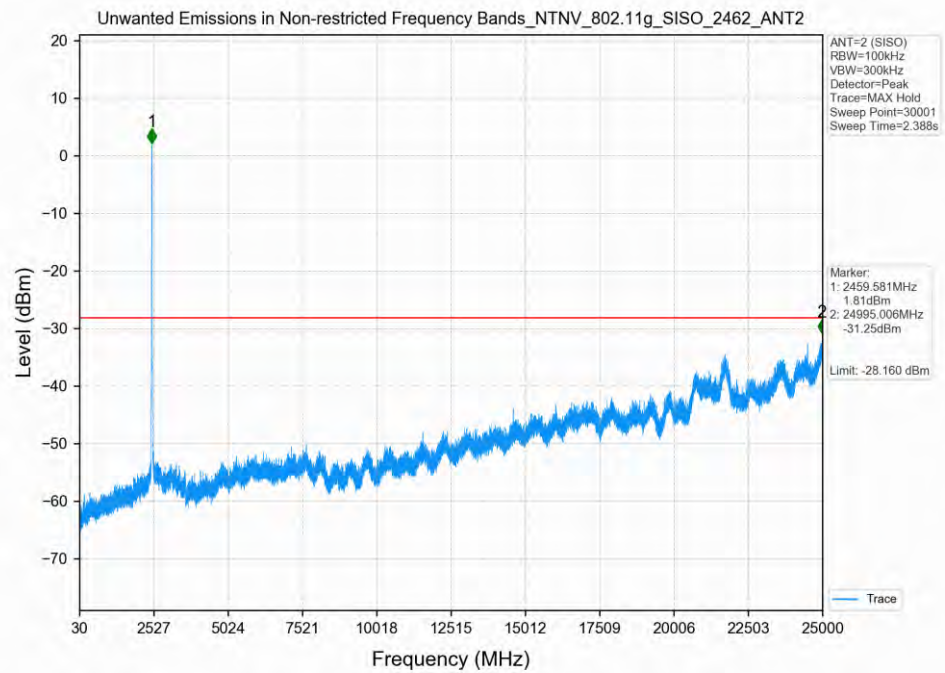
802.11g_2462MHz_SISO_ANT1



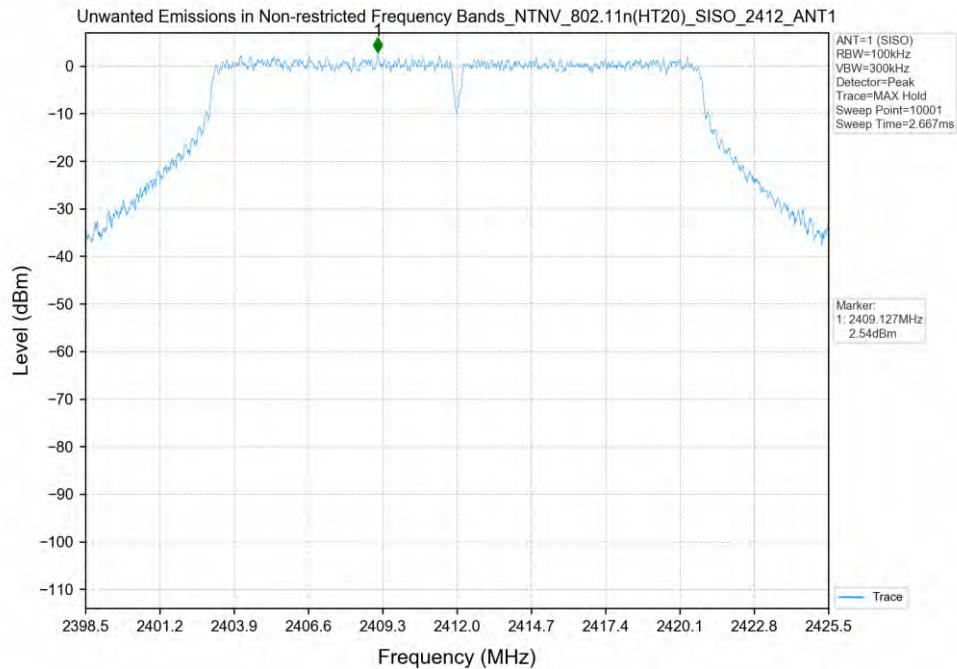
802.11g_2462MHz_SISO_ANT2



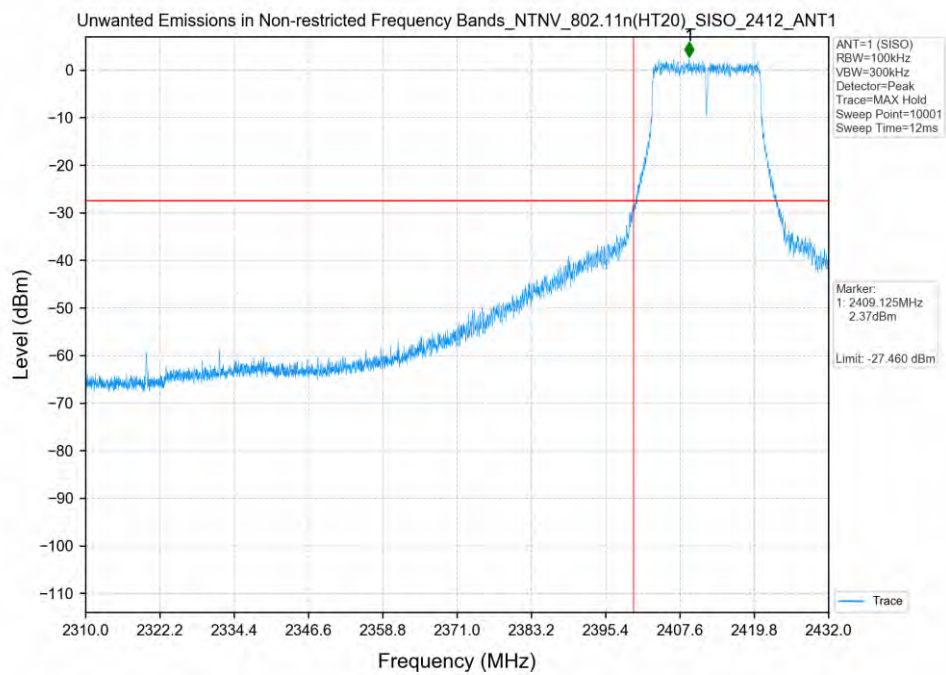
802.11g_2462MHz_SISO_ANT2



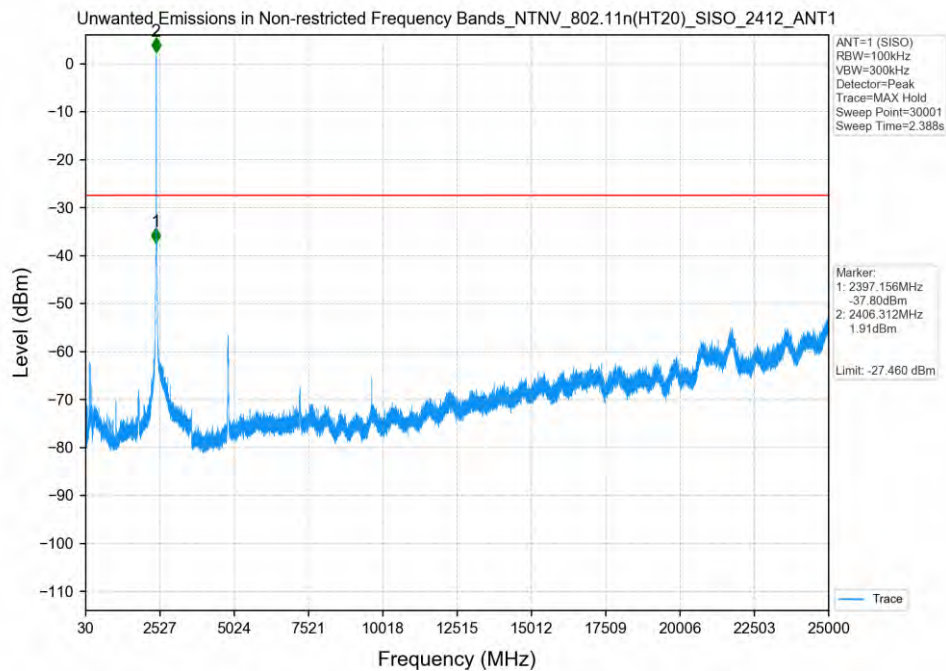
802.11n(HT20)_SISO ANT1_REF



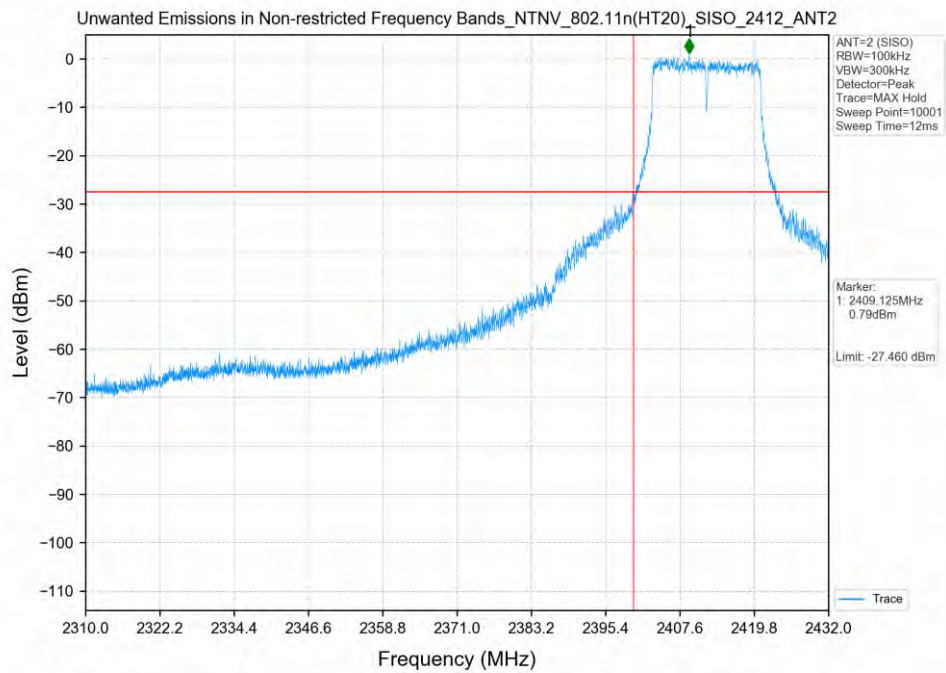
802.11n(HT20)_2412MHz_SISO_ANT1



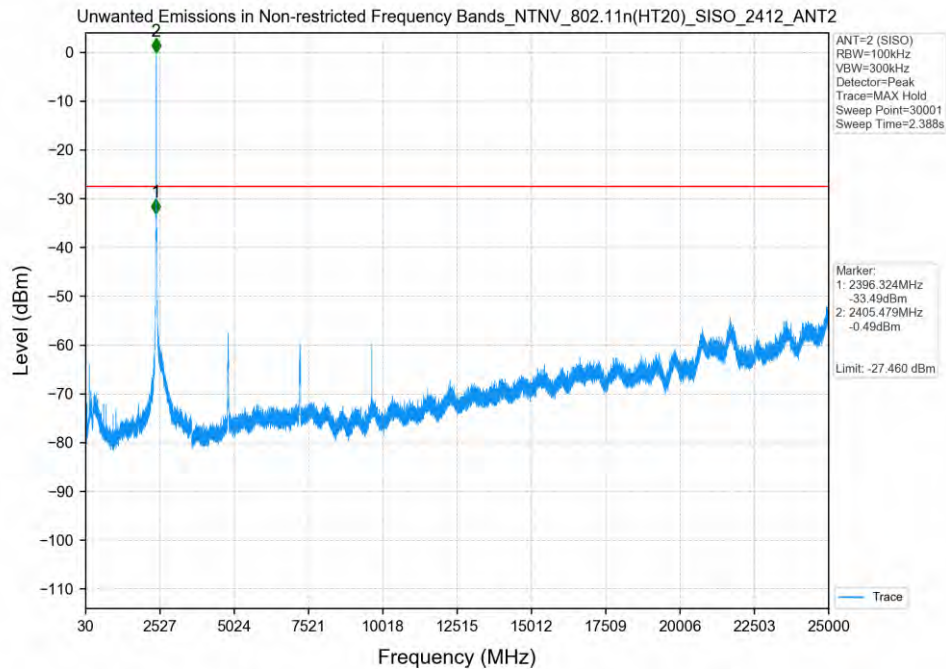
802.11n(HT20)_2412MHz_SISO_ANT1



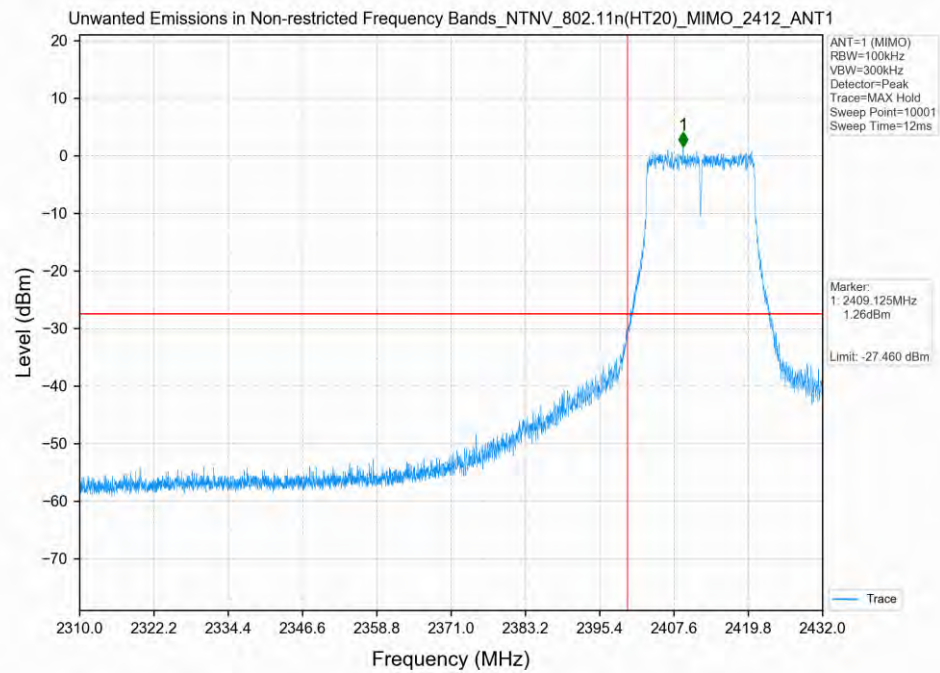
802.11n(HT20)_2412MHz_SISO_ANT2



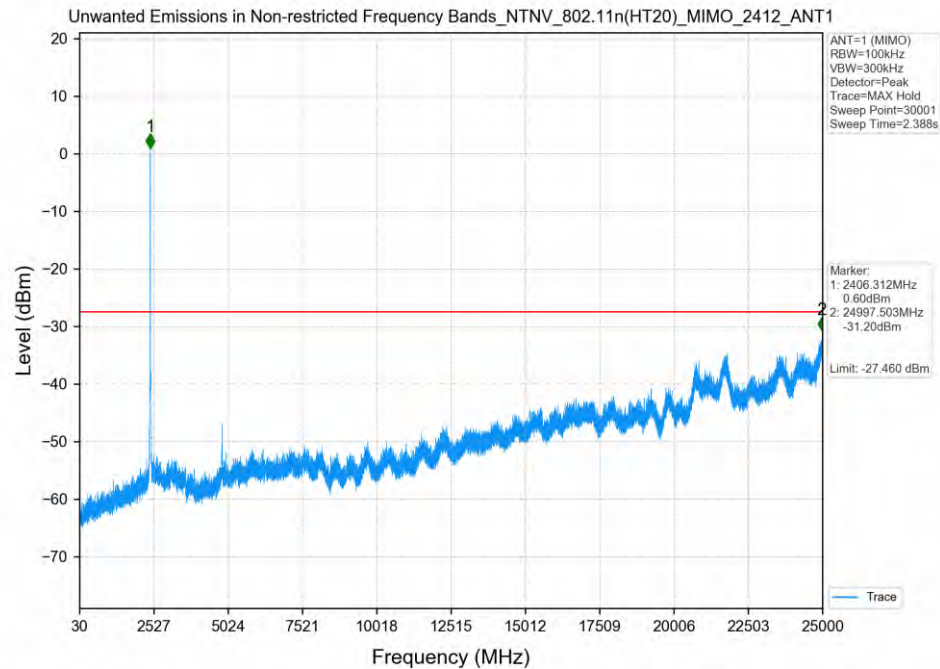
802.11n(HT20)_2412MHz_SISO_ANT2



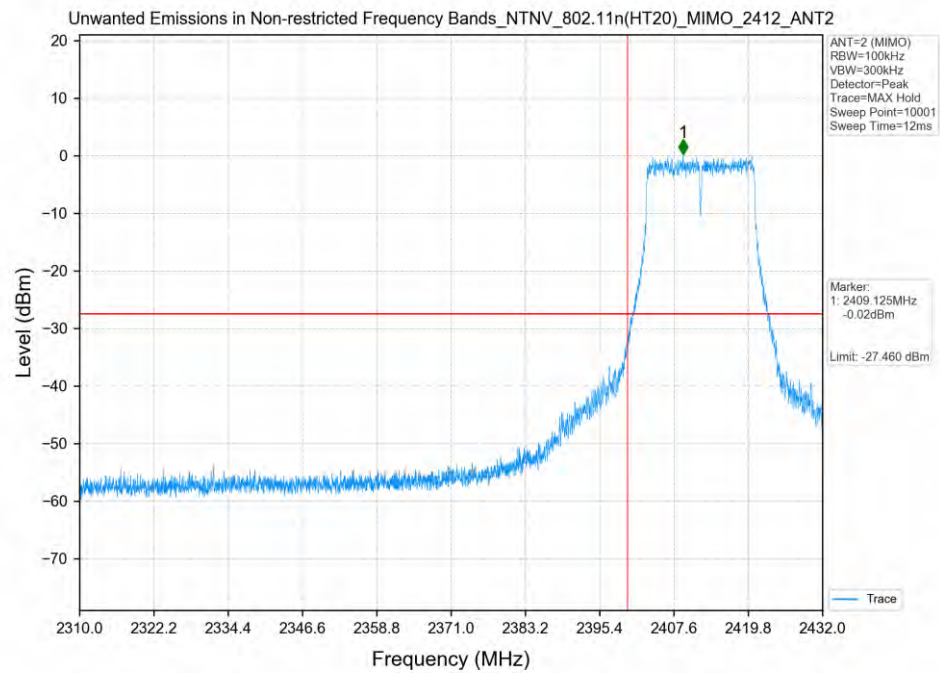
802.11n(HT20)_2412MHz_MIMO_Total



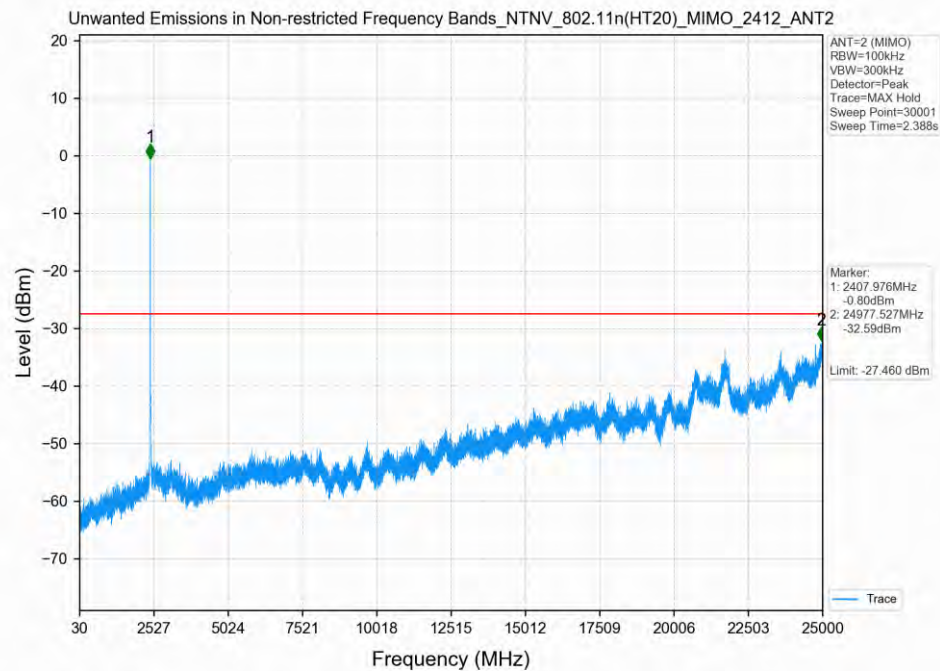
802.11n(HT20)_2412MHz_MIMO_Total



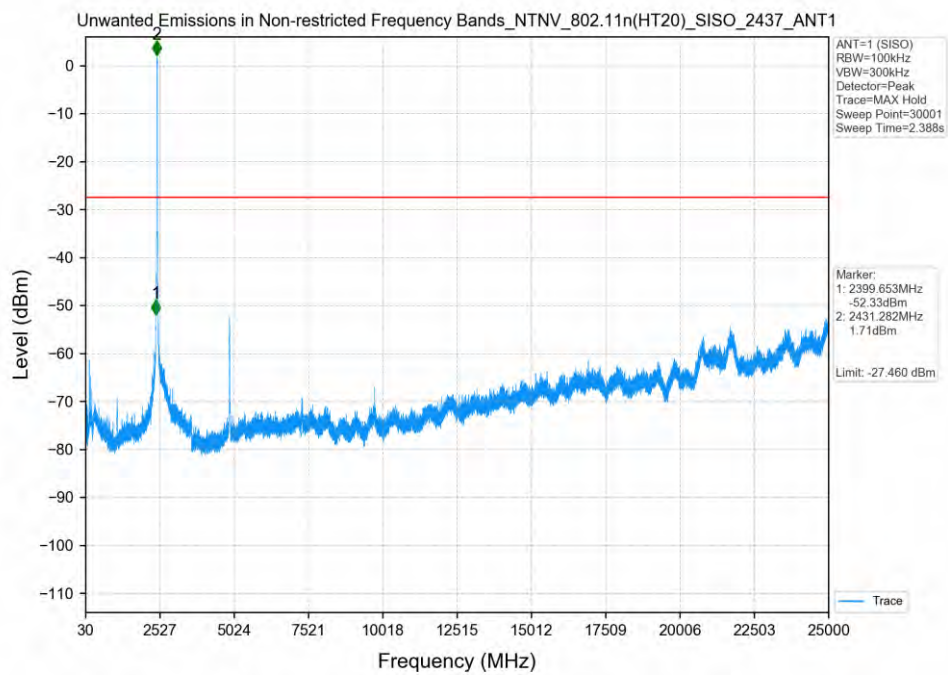
802.11n(HT20)_2412MHz_MIMO_Total



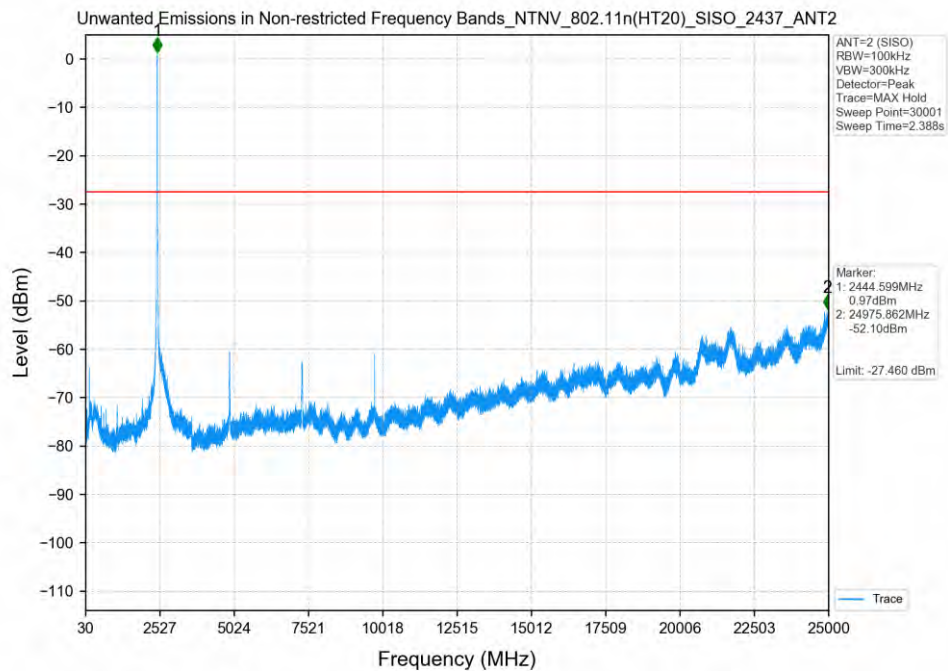
802.11n(HT20)_2412MHz_MIMO_Total



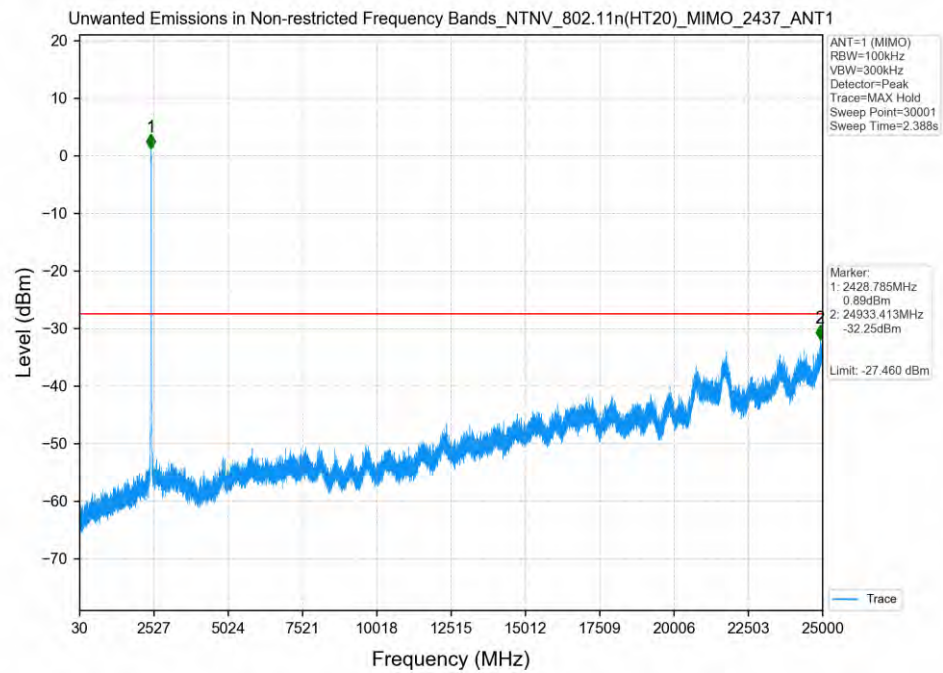
802.11n(HT20)_2437MHz_SISO_ANT1



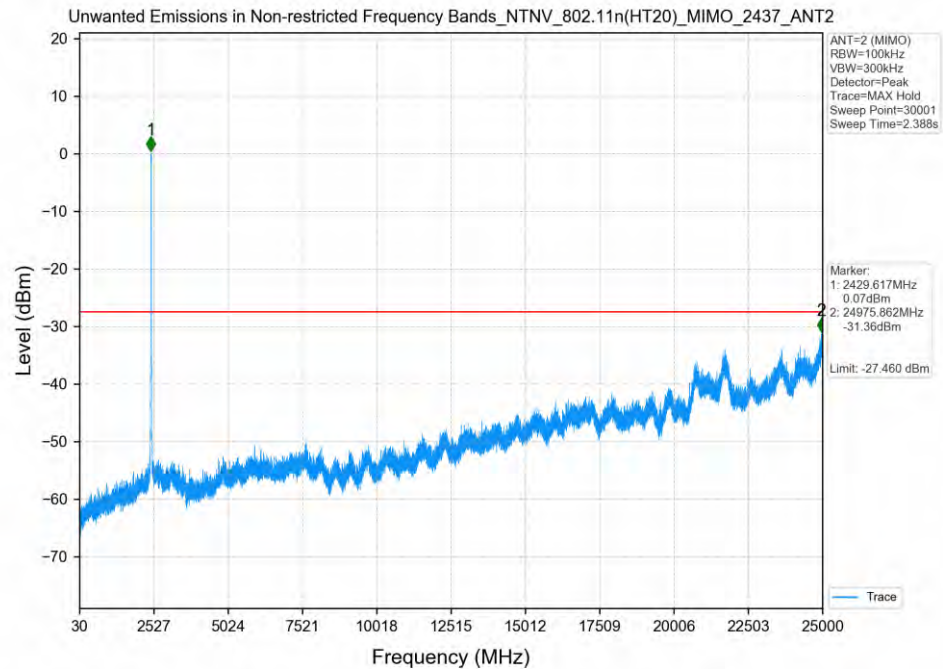
802.11n(HT20)_2437MHz_SISO_ANT2



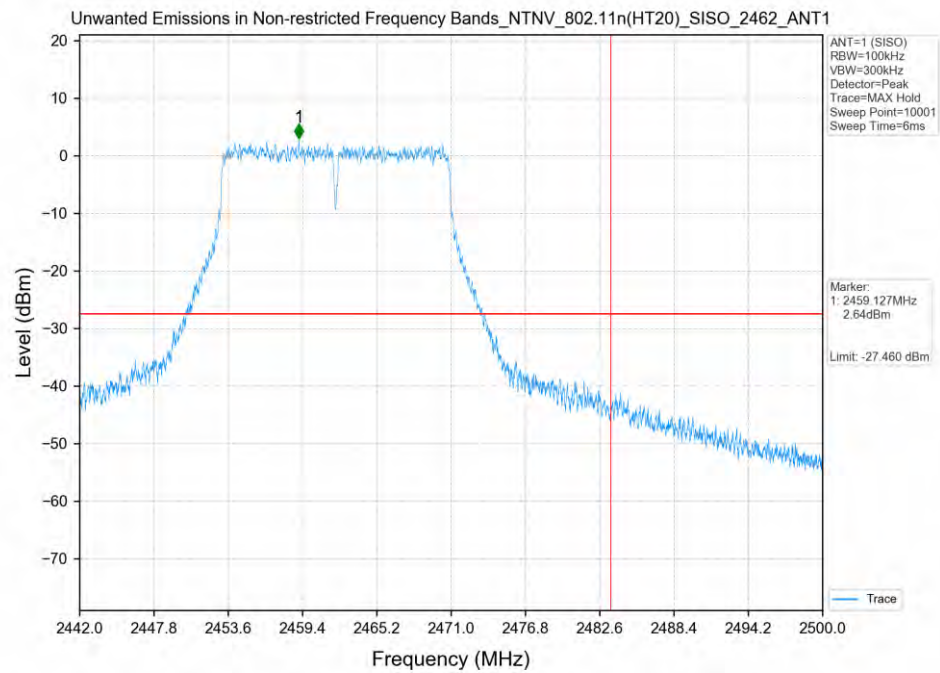
802.11n(HT20)_2437MHz_MIMO_Total



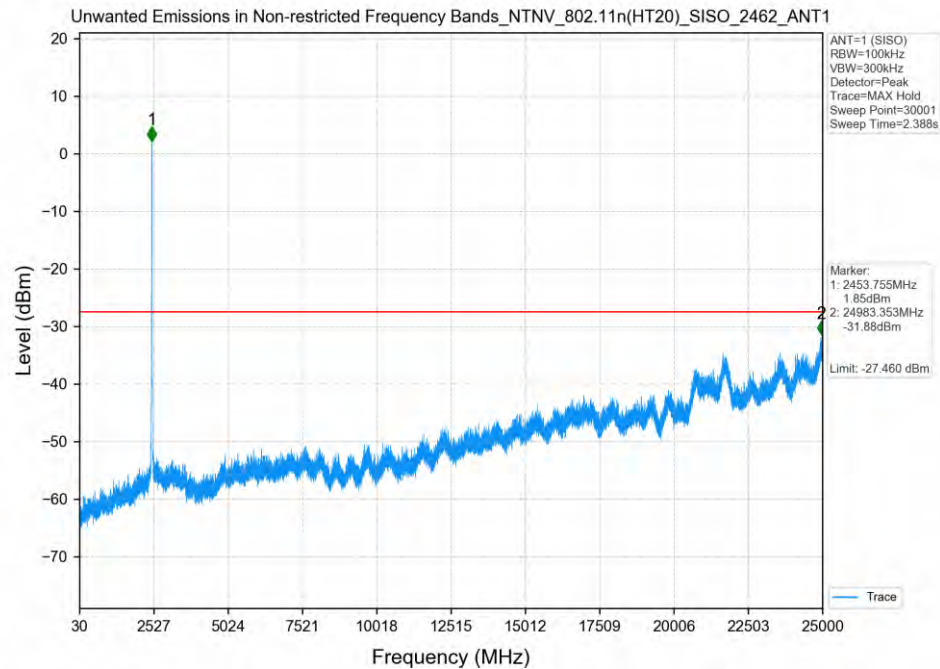
802.11n(HT20)_2437MHz_MIMO_Total



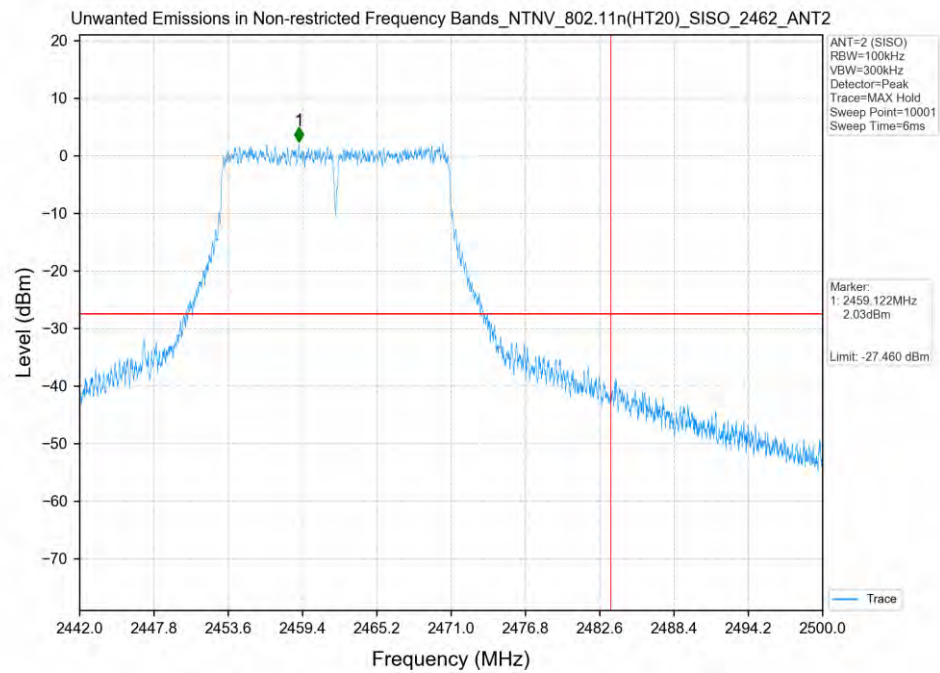
802.11n(HT20)_2462MHz_SISO_ANT1



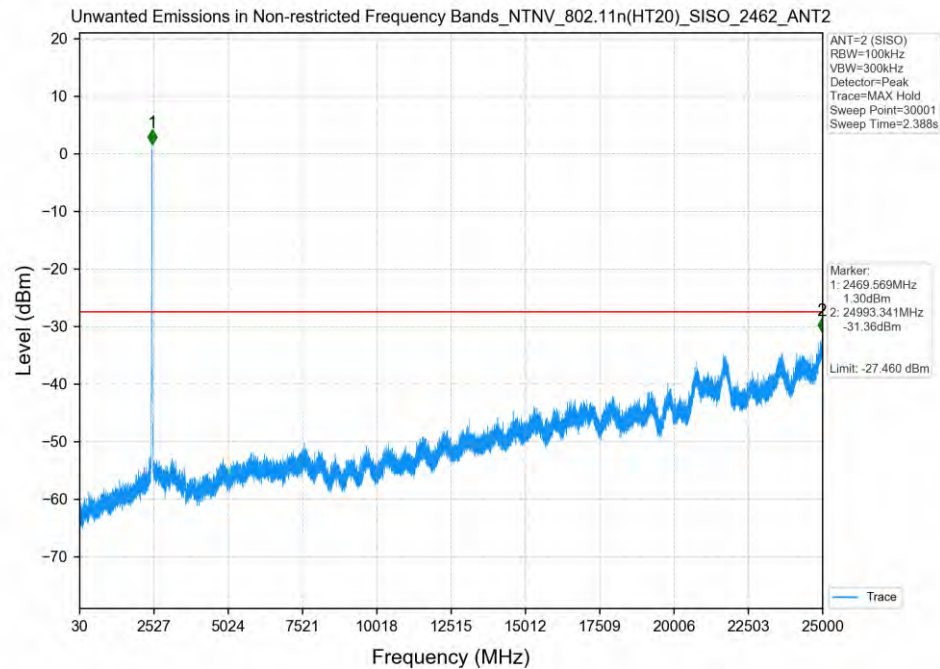
802.11n(HT20)_2462MHz_SISO_ANT1



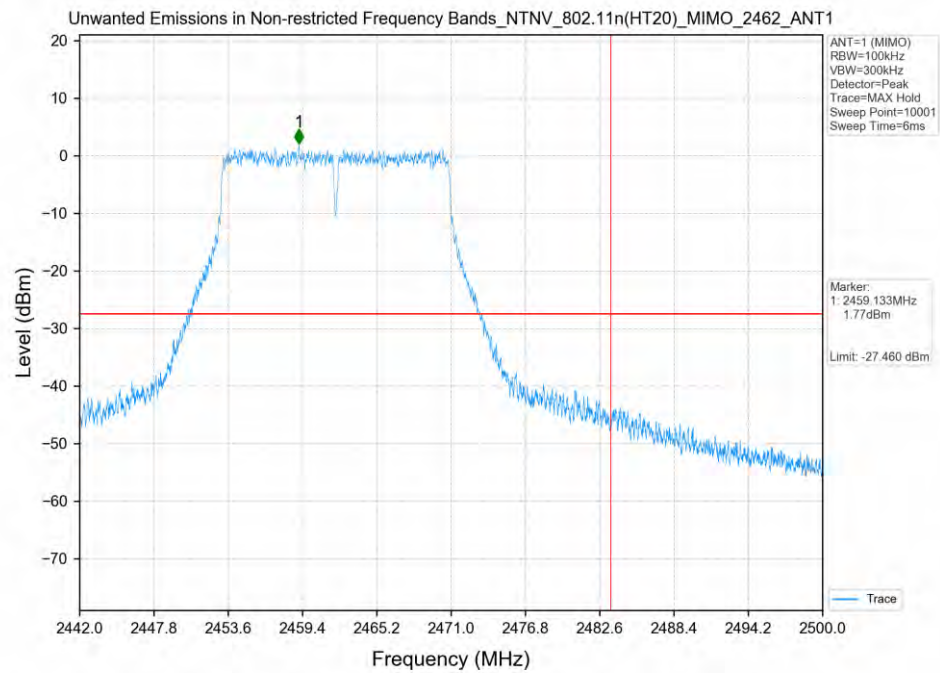
802.11n(HT20)_2462MHz_SISO_ANT2



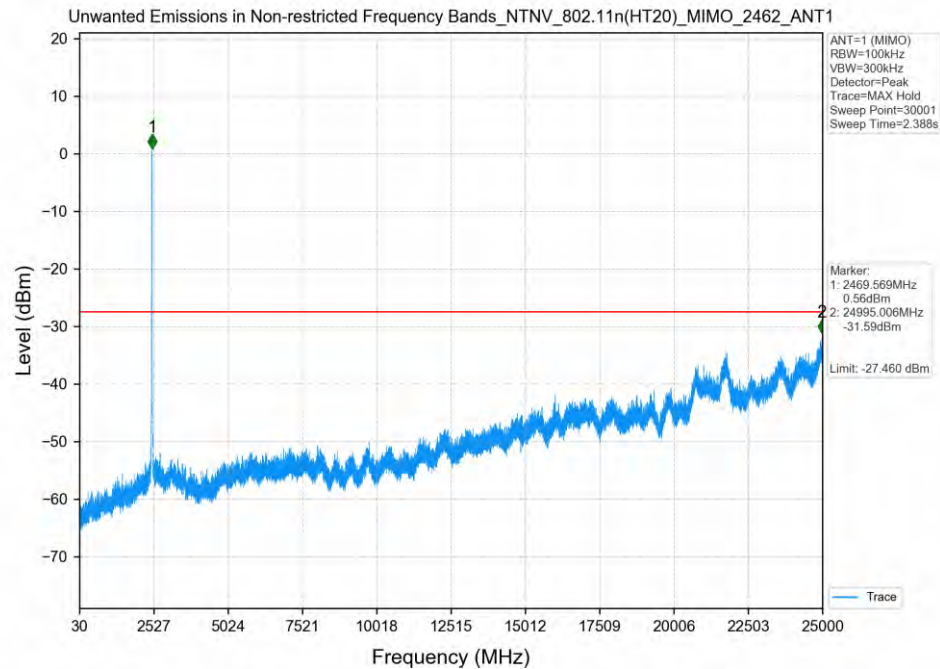
802.11n(HT20)_2462MHz_SISO_ANT2



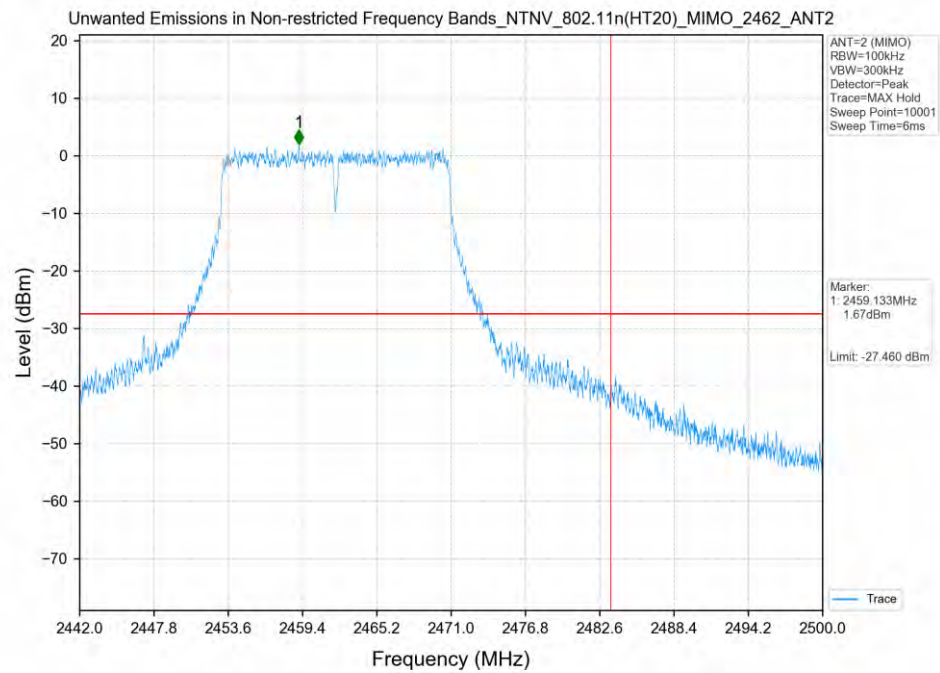
802.11n(HT20)_2462MHz_MIMO_Total



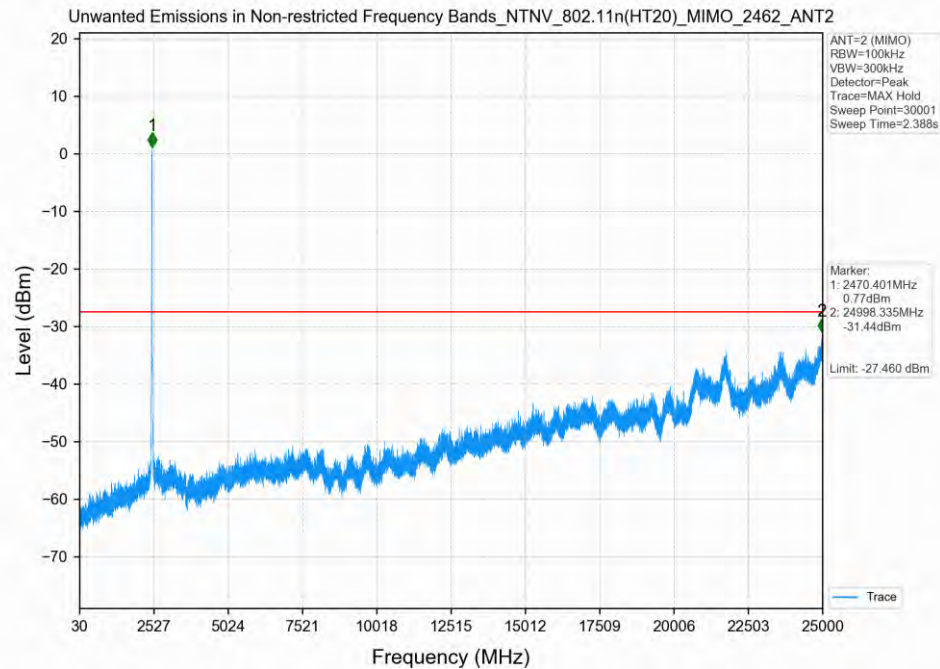
802.11n(HT20) 2462MHz MIMO Total



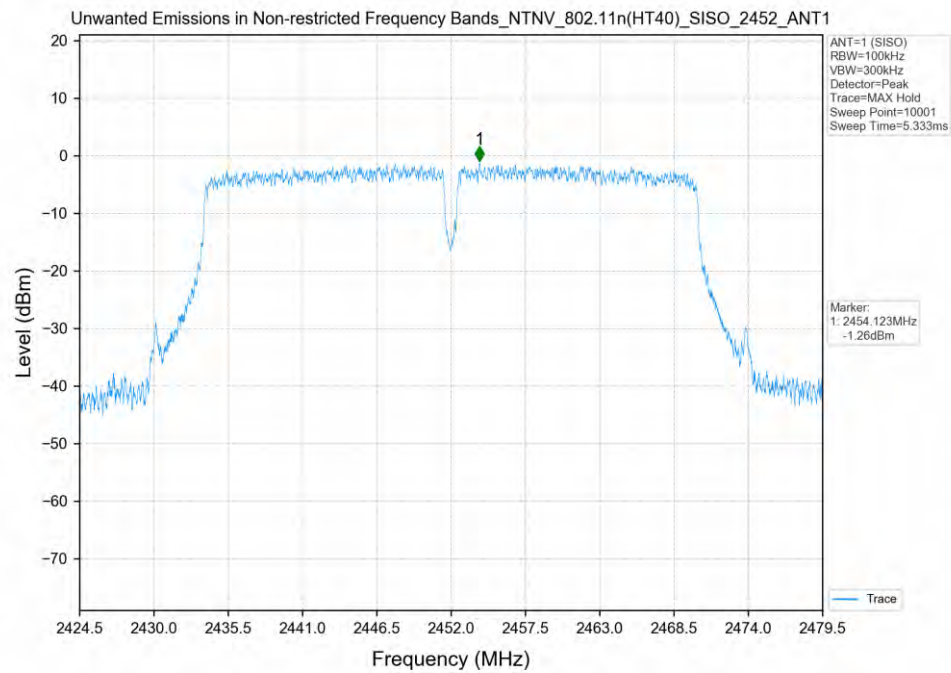
802.11n(HT20) 2462MHz MIMO Total



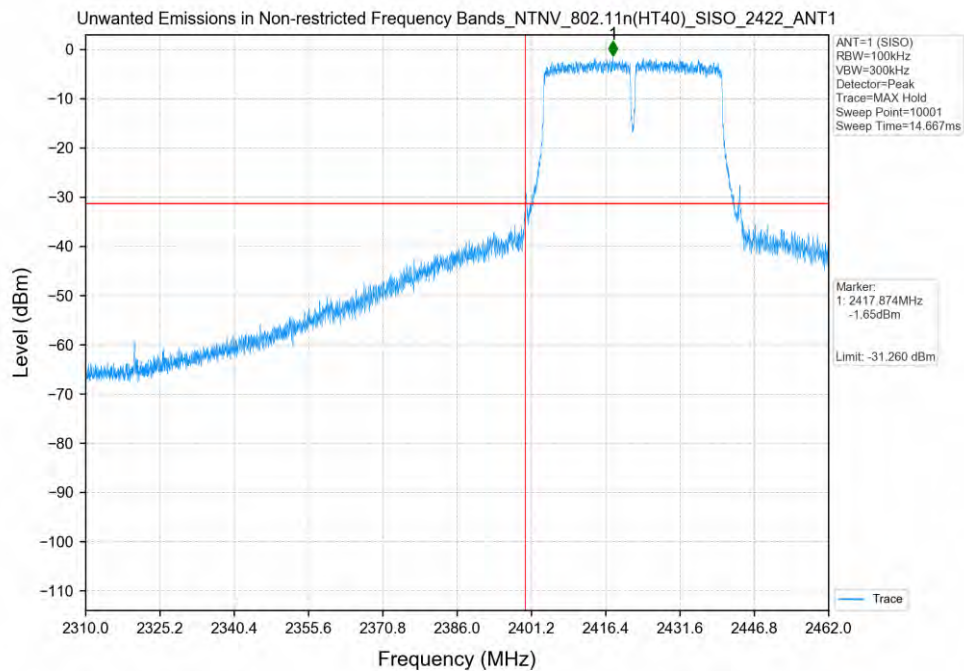
802.11n(HT20) 2462MHz MIMO Total



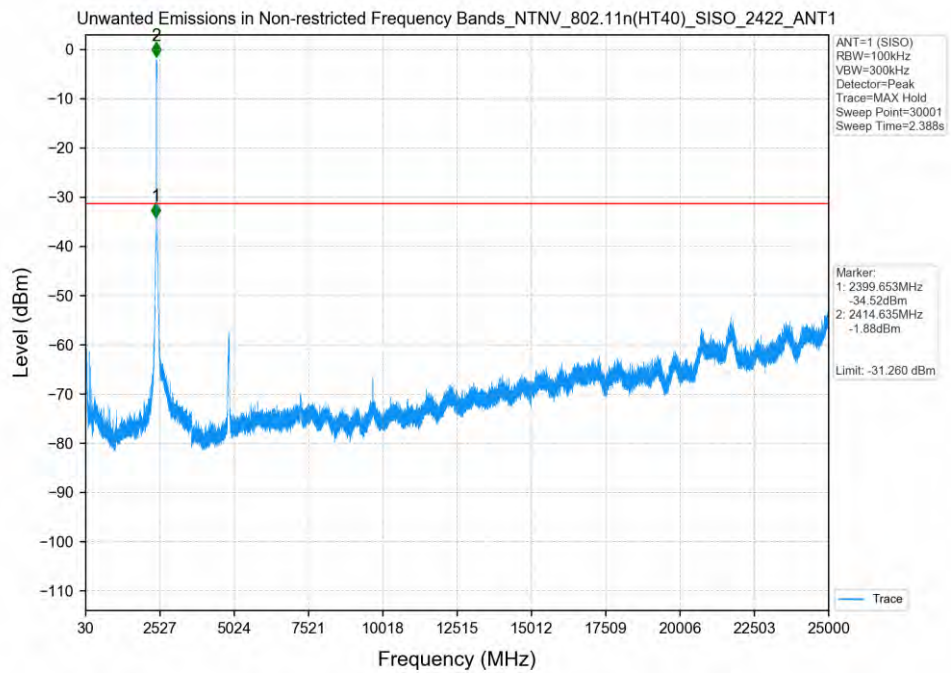
802.11n(HT40)_SISO_ANT1_REF



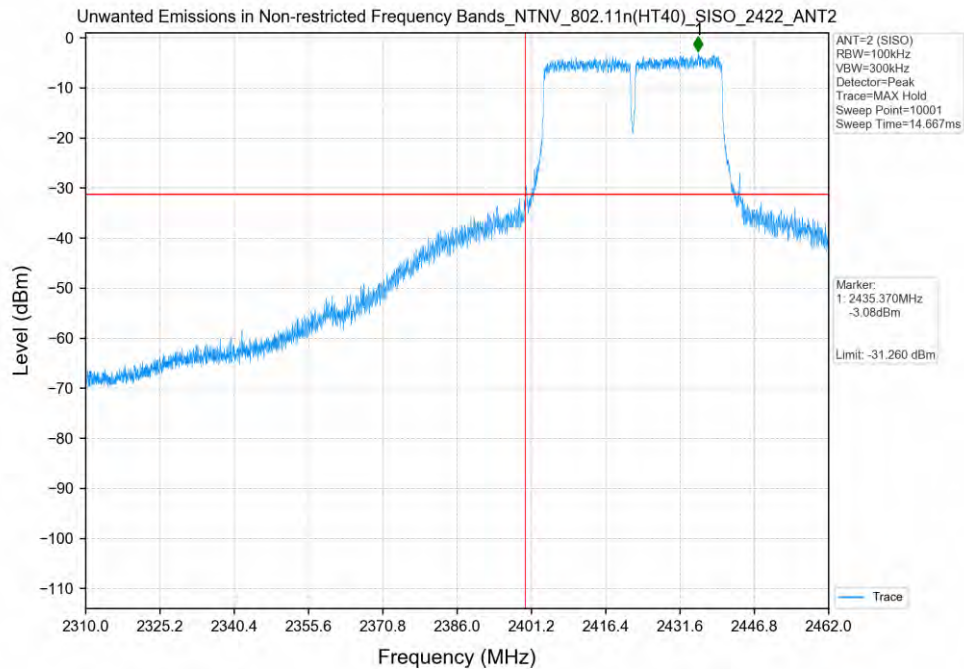
802.11n(HT40)_2422MHz_SISO_ANT1



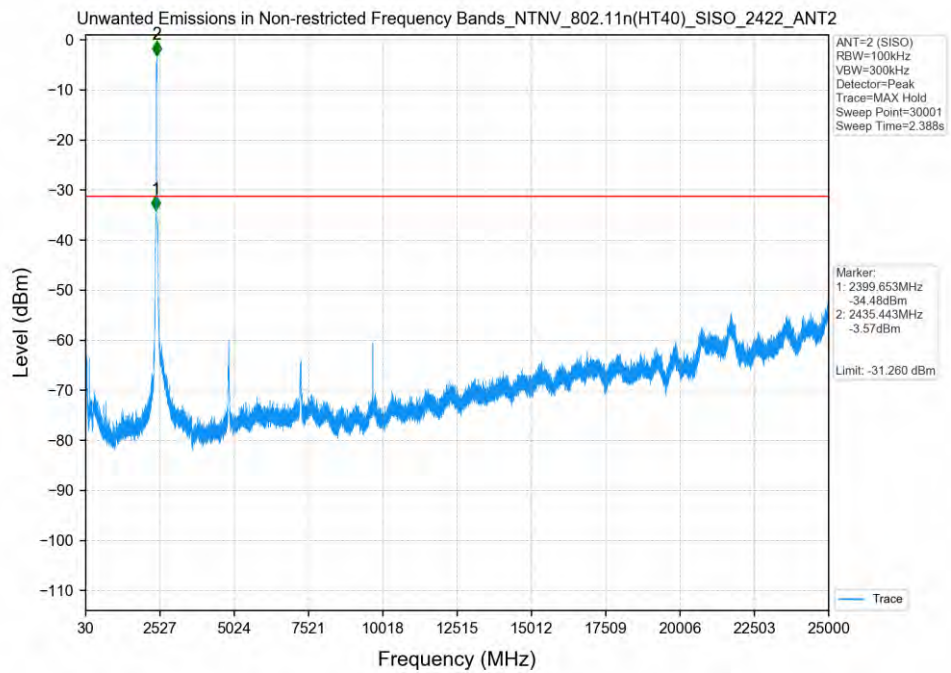
802.11n(HT40)_2422MHz_SISO_ANT1



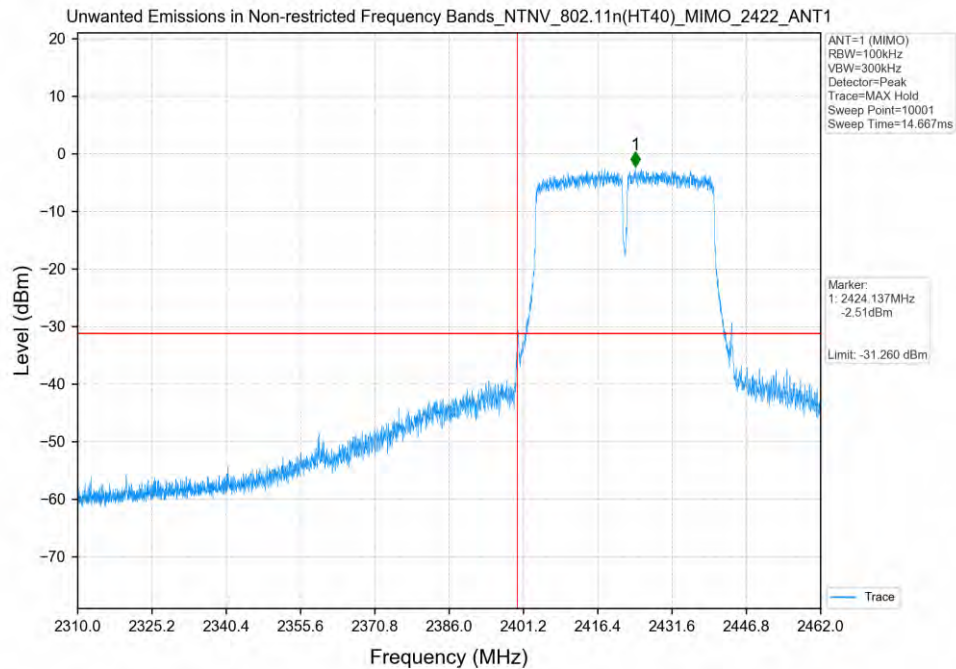
802.11n(HT40)_2422MHz_SISO_ANT2



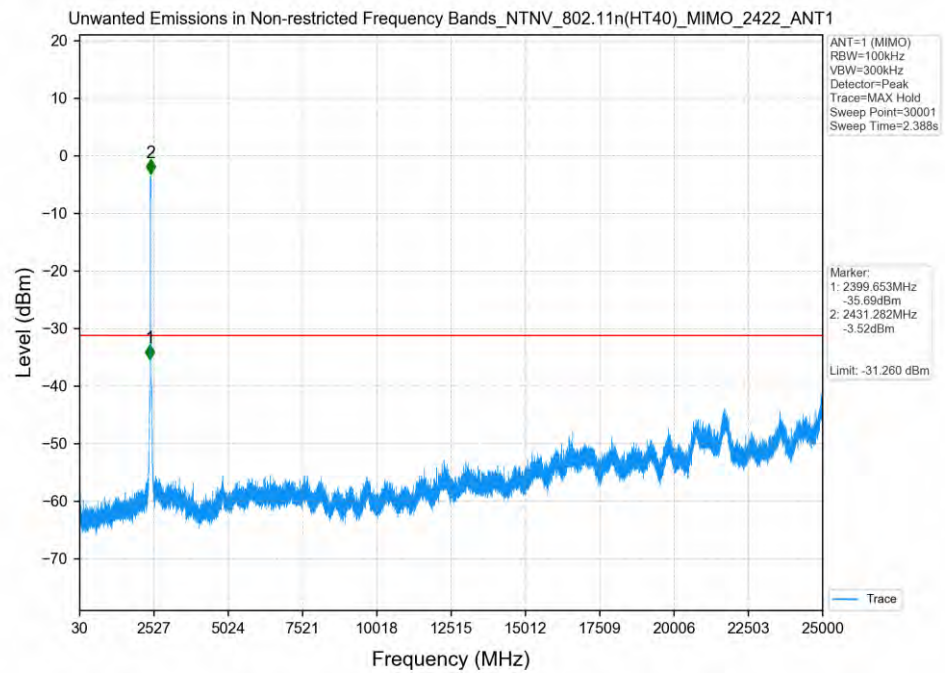
802.11n(HT40)_2422MHz_SISO_ANT2



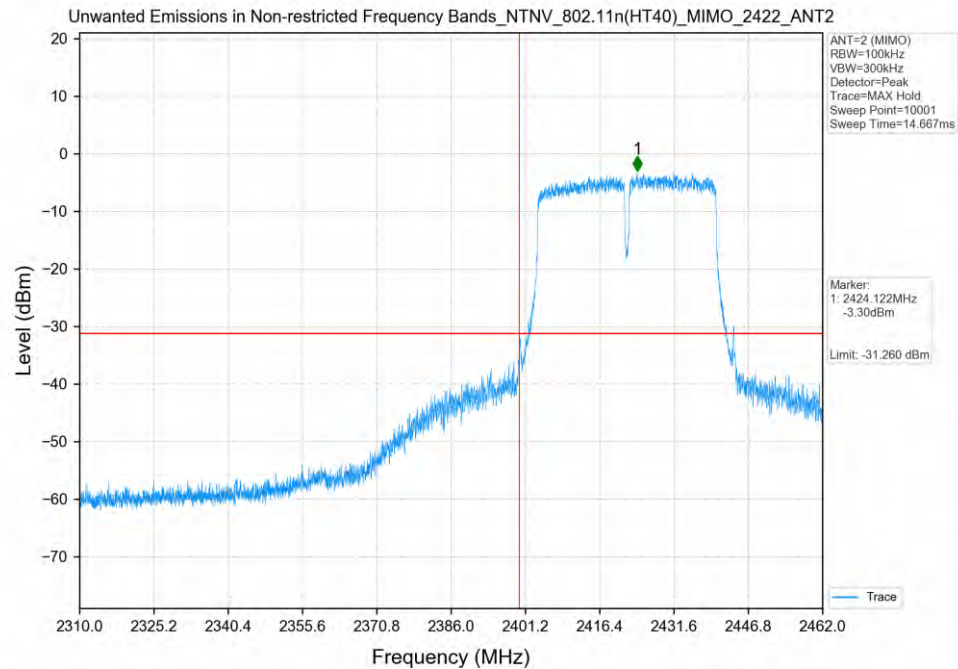
802.11n(HT40)_2422MHz_MIMO_Total



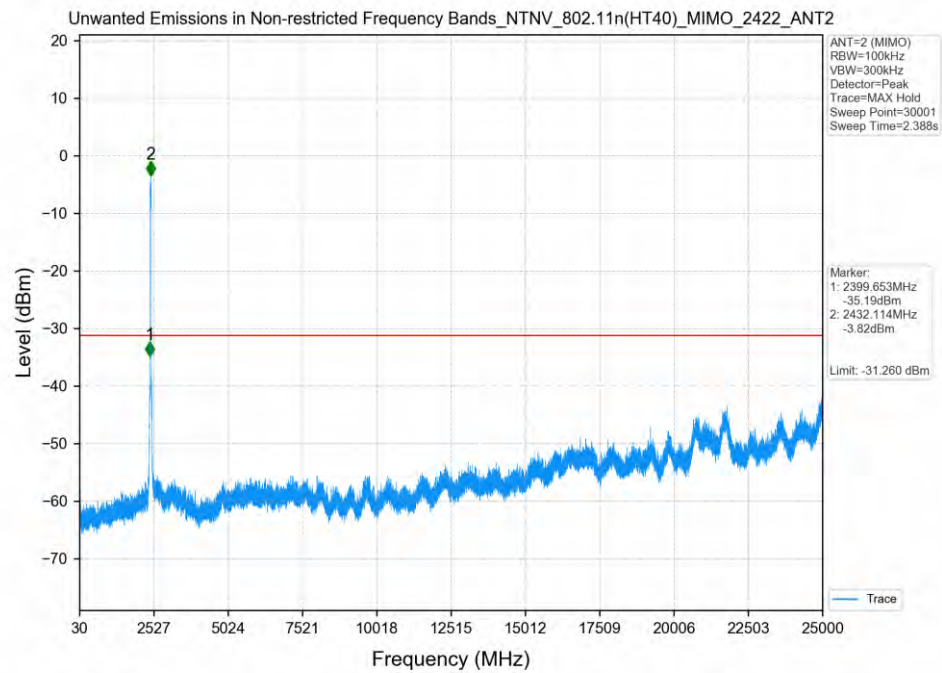
802.11n(HT40)_2422MHz_MIMO_Total



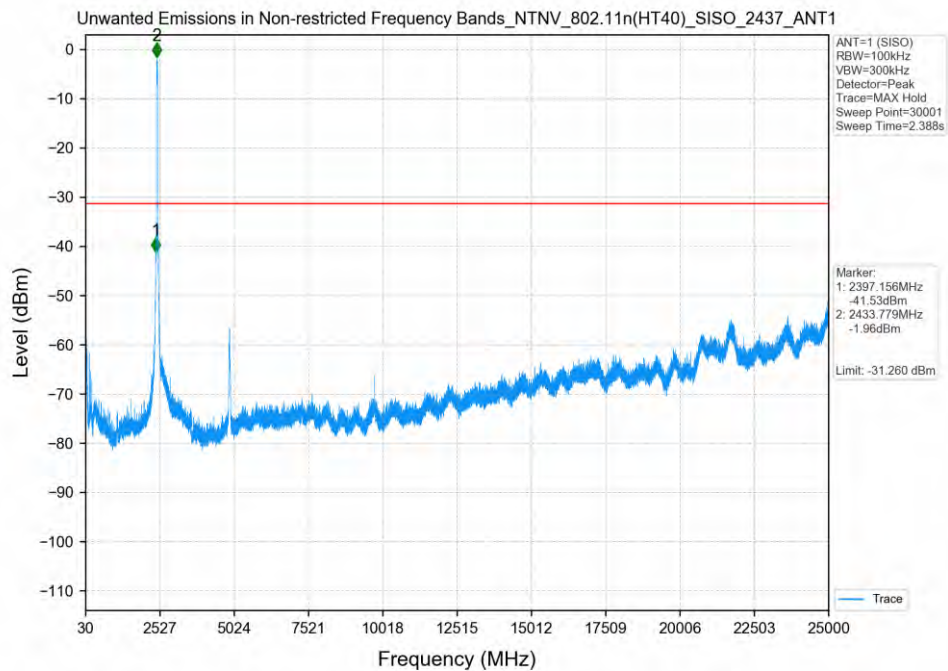
802.11n(HT40)_2422MHz_MIMO_Total



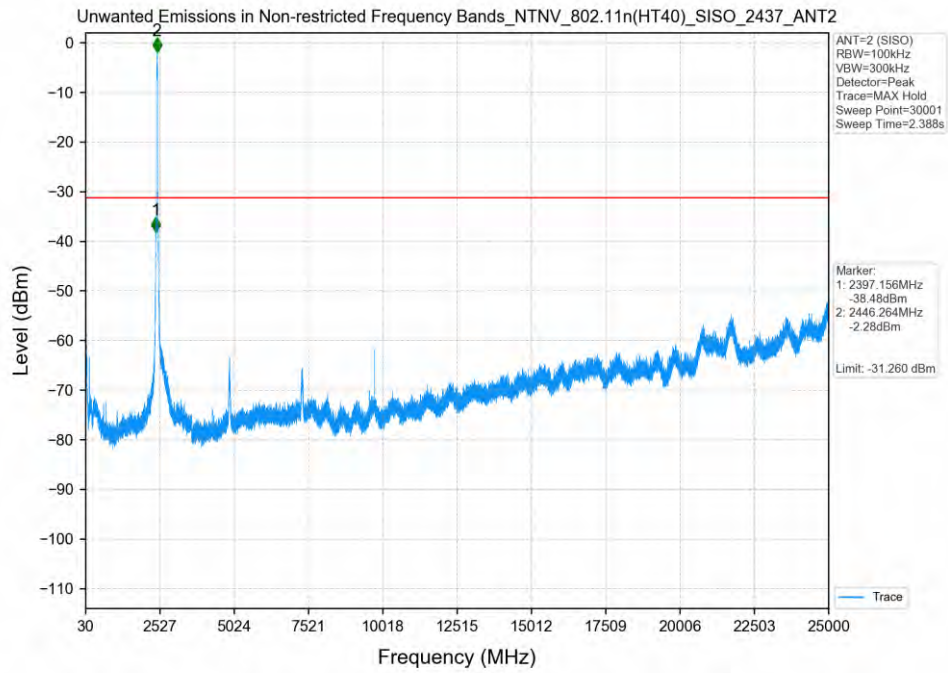
802.11n(HT40)_2422MHz_MIMO_Total



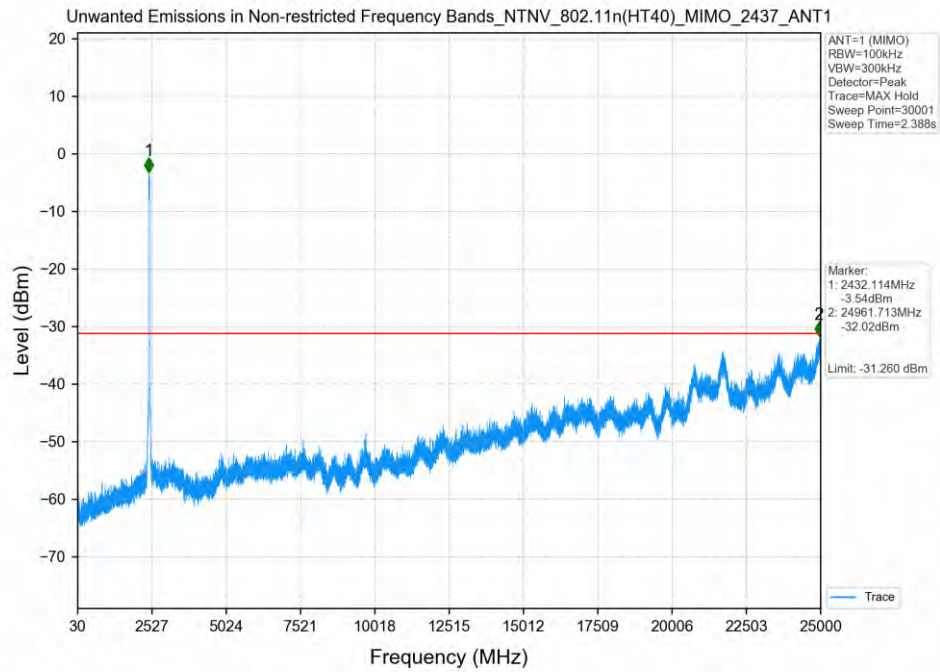
802.11n(HT40)_2437MHz_SISO_ANT1



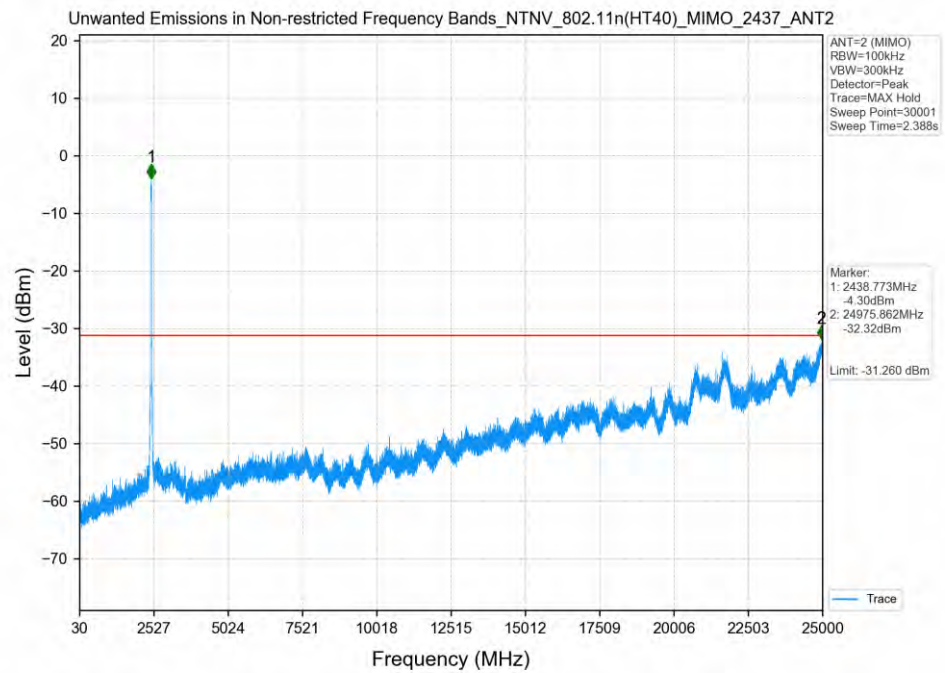
802.11n(HT40)_2437MHz_SISO_ANT2



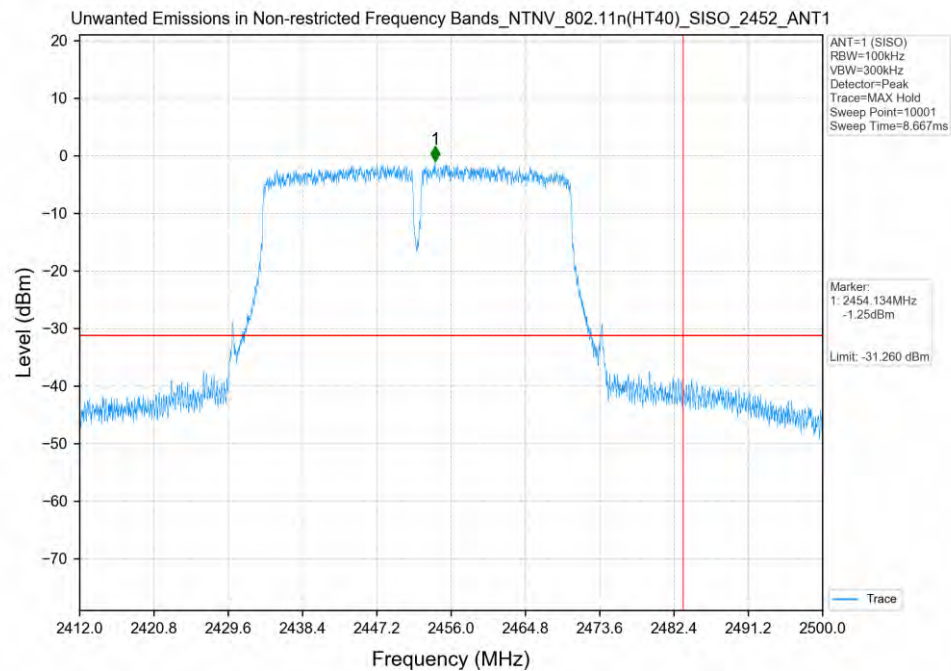
802.11n(HT40) 2437MHz MIMO Total



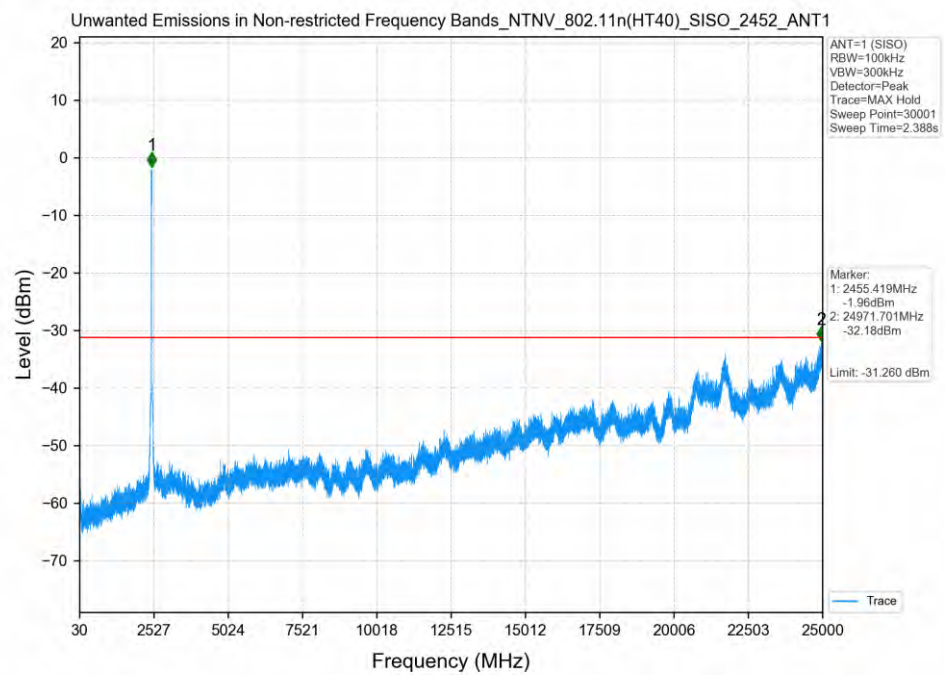
802.11n(HT40) 2437MHz MIMO Total



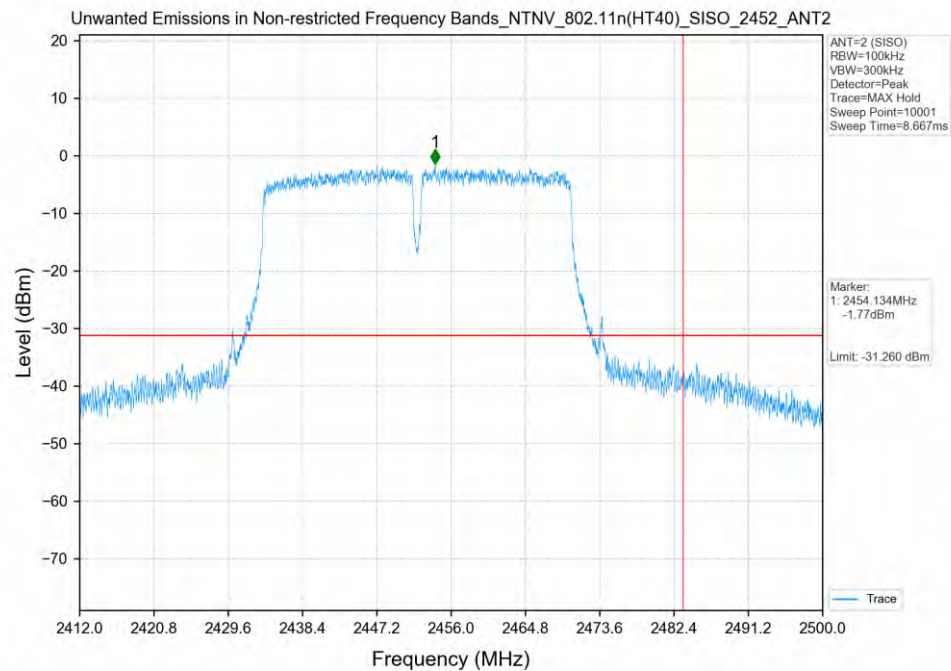
802.11n(HT40)_2452MHz_SISO_ANT1



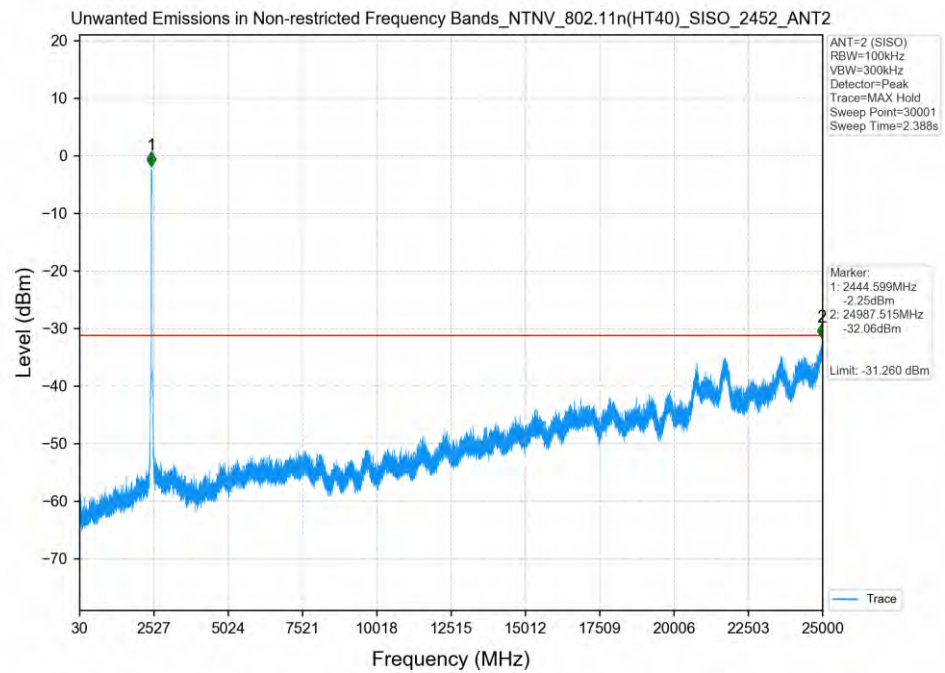
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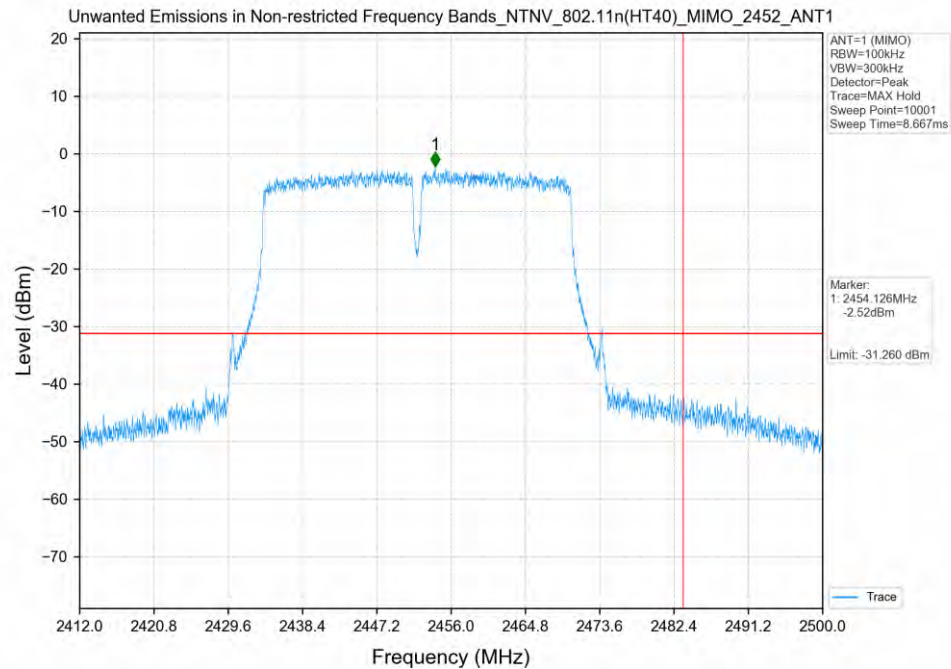
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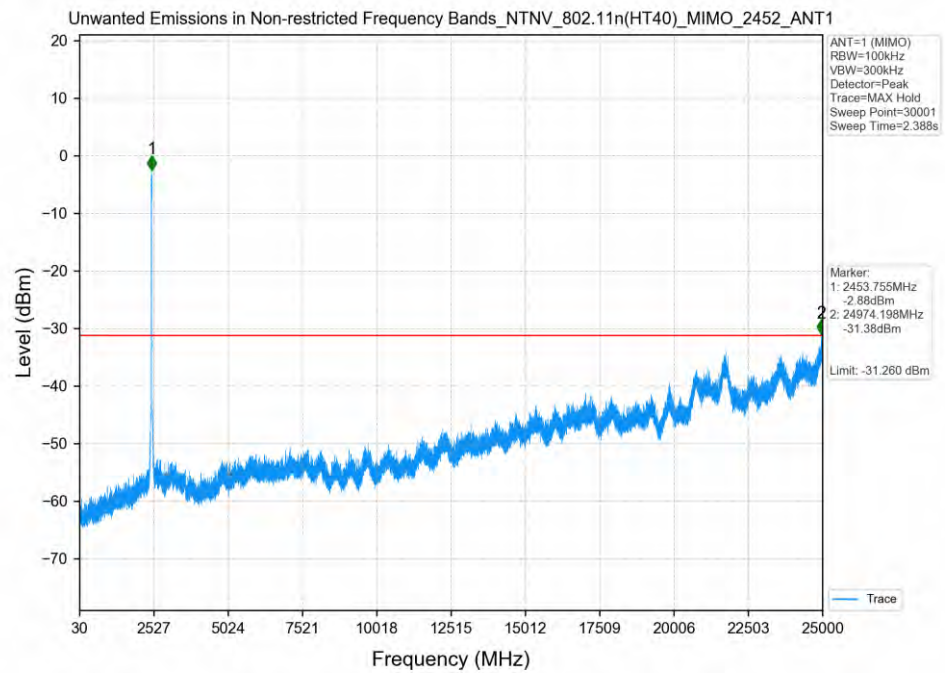
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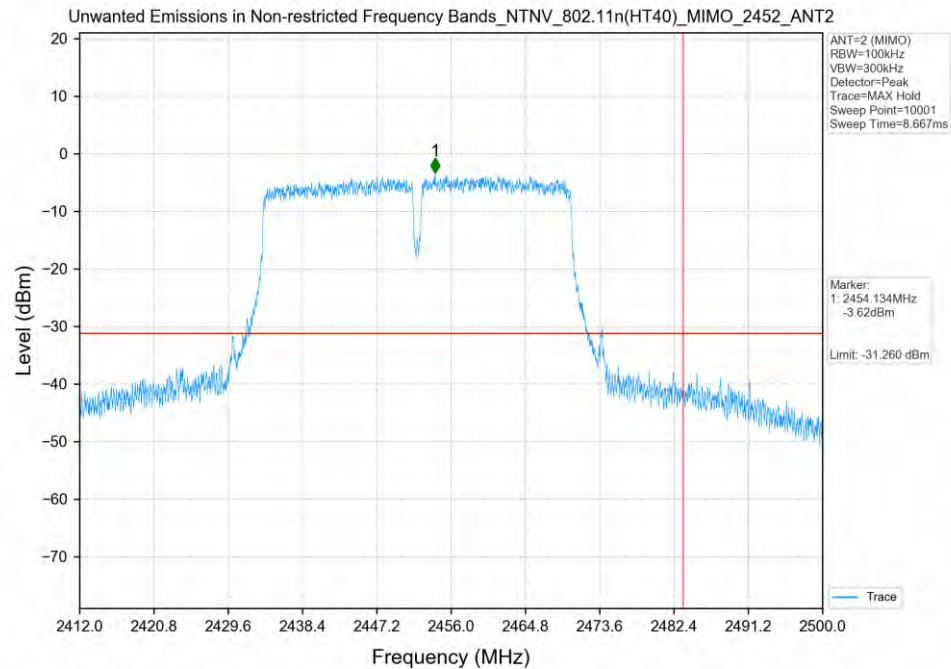
802.11n(HT40)_2452MHz_MIMO_Total



802.11n(HT40)_2452MHz_MIMO_Total



802.11n(HT40)_2452MHz_MIMO_Total



802.11n(HT40)_2452MHz_MIMO_Total

