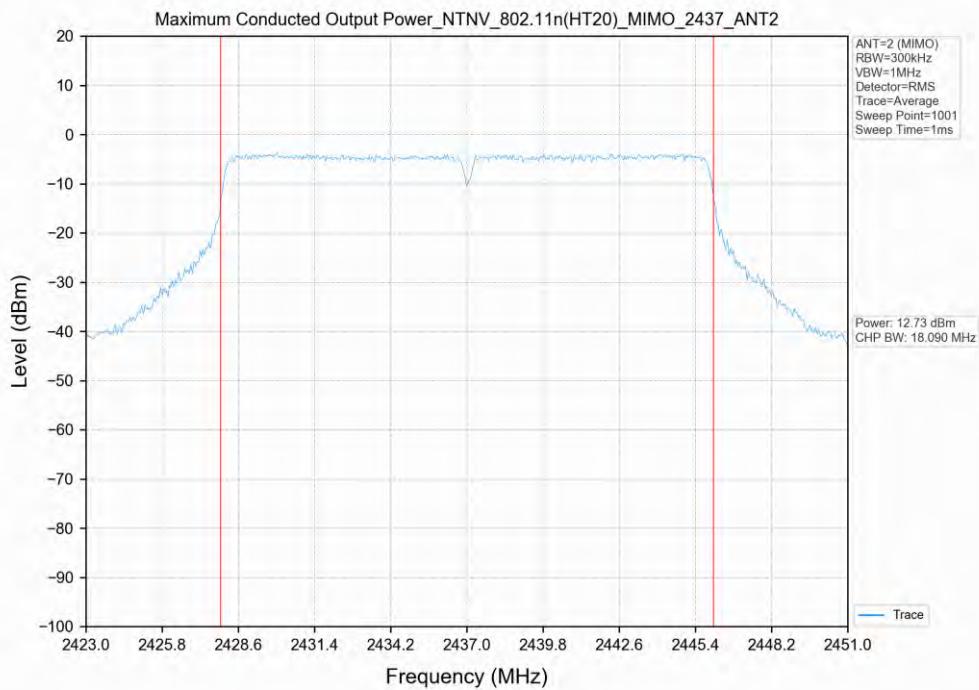
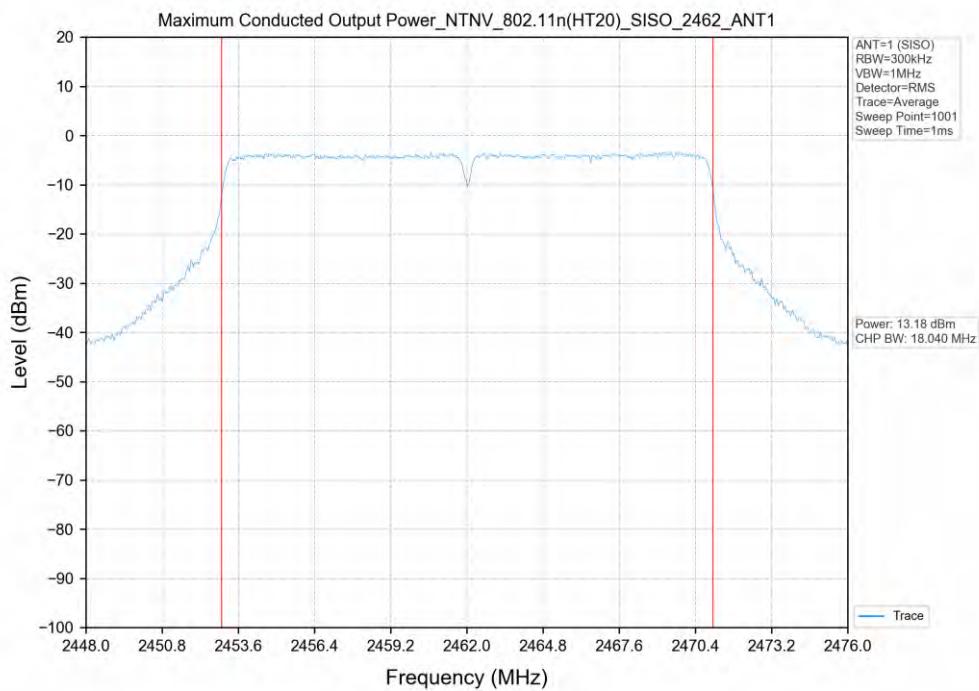


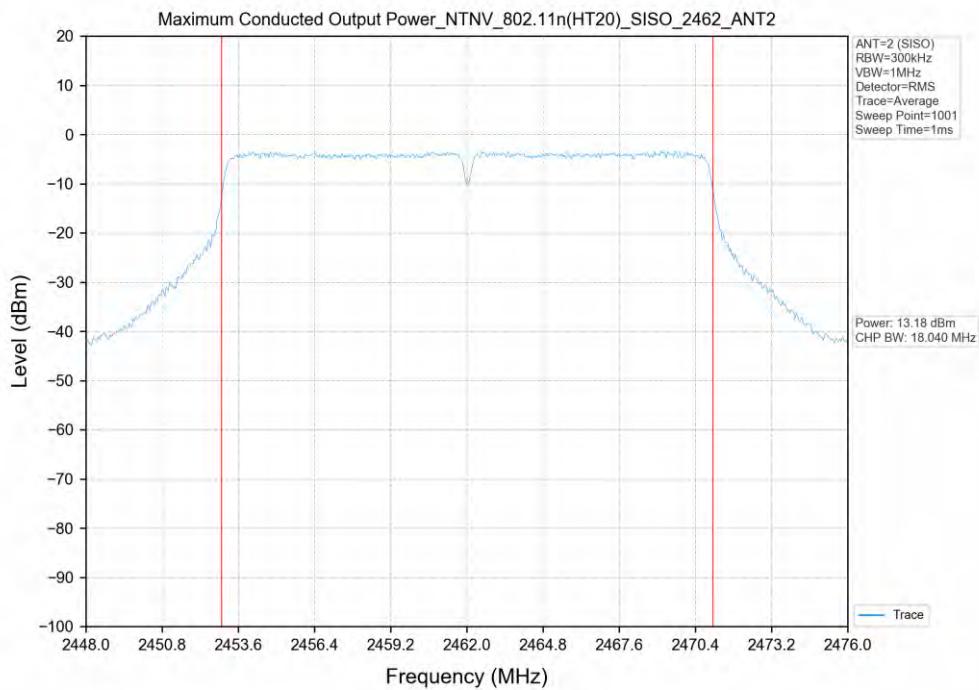
802.11n(HT20)\_2437MHz\_MIMO\_ANT2



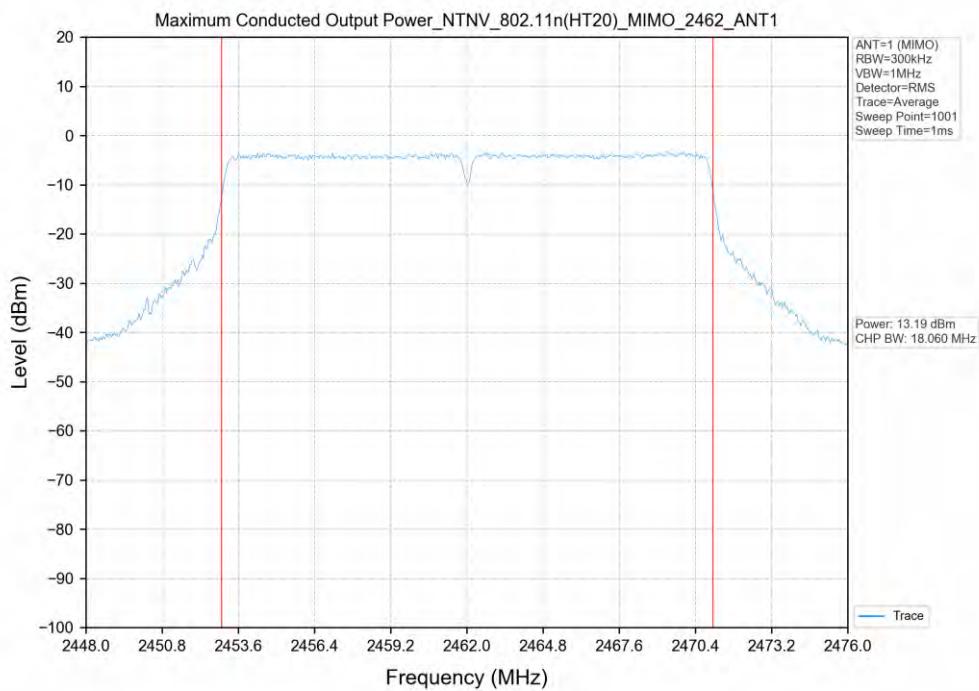
802.11n(HT20)\_2462MHz\_SISO\_ANT1



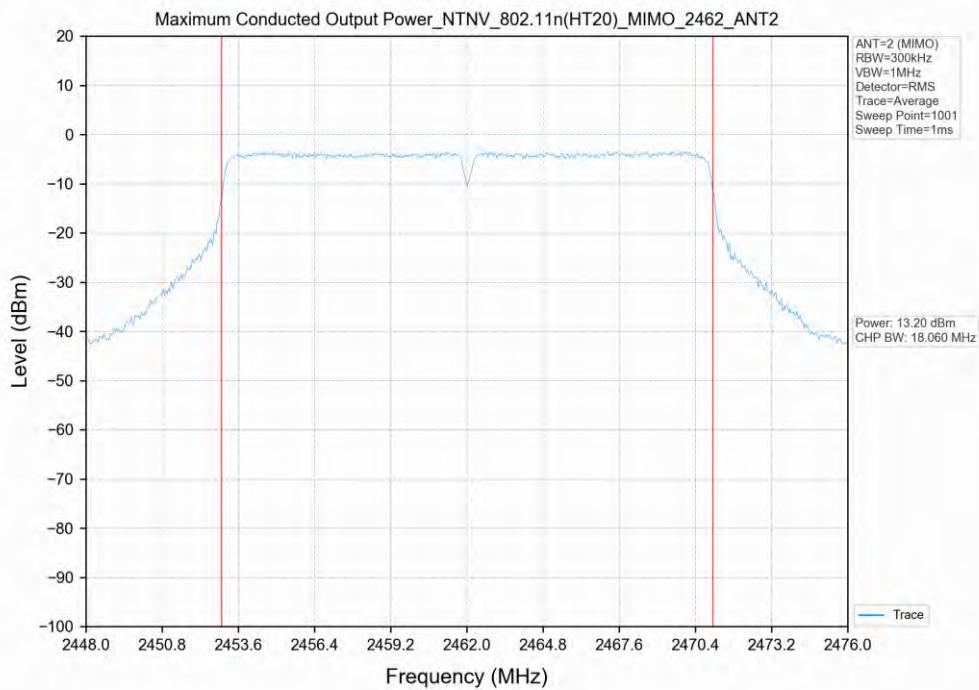
802.11n(HT20)\_2462MHz\_SISO\_ANT2



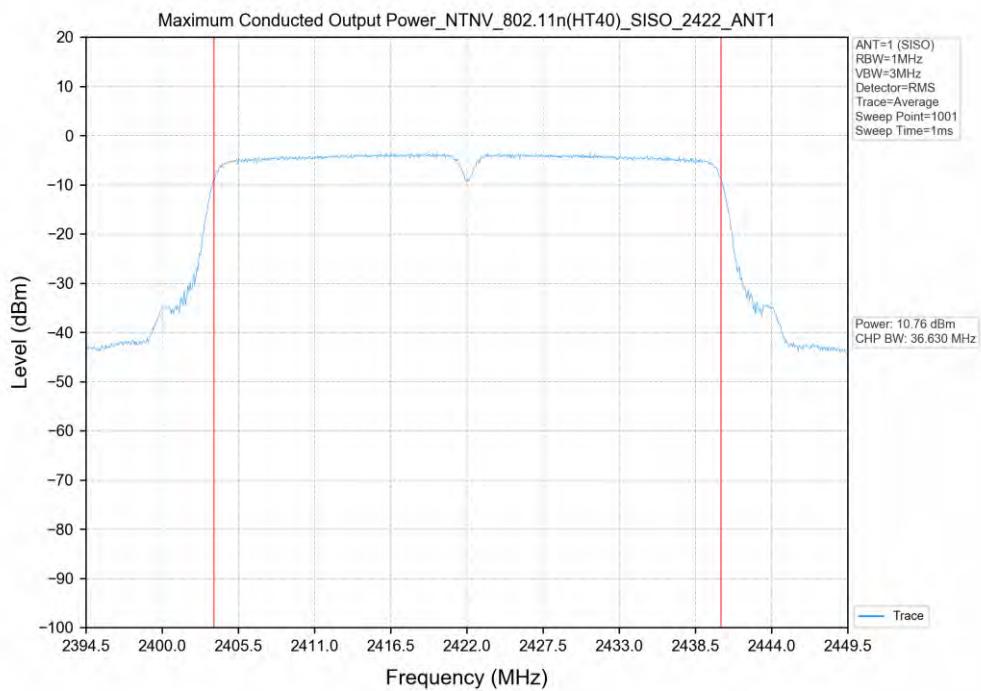
802.11n(HT20)\_2462MHz\_MIMO\_ANT1



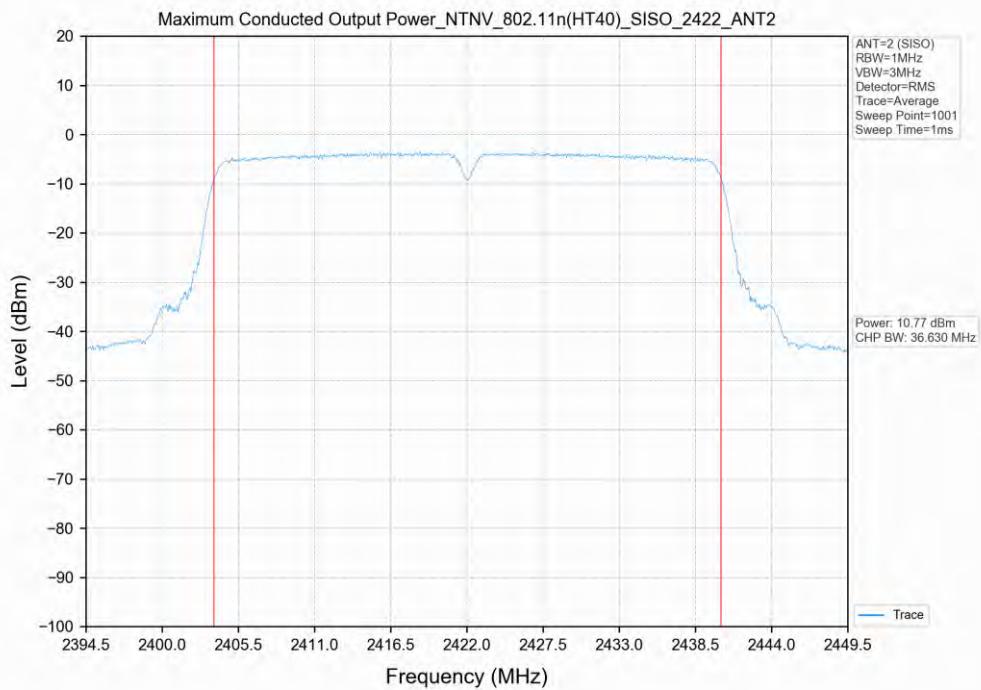
802.11n(HT20) 2462MHz\_MIMO\_ANT2



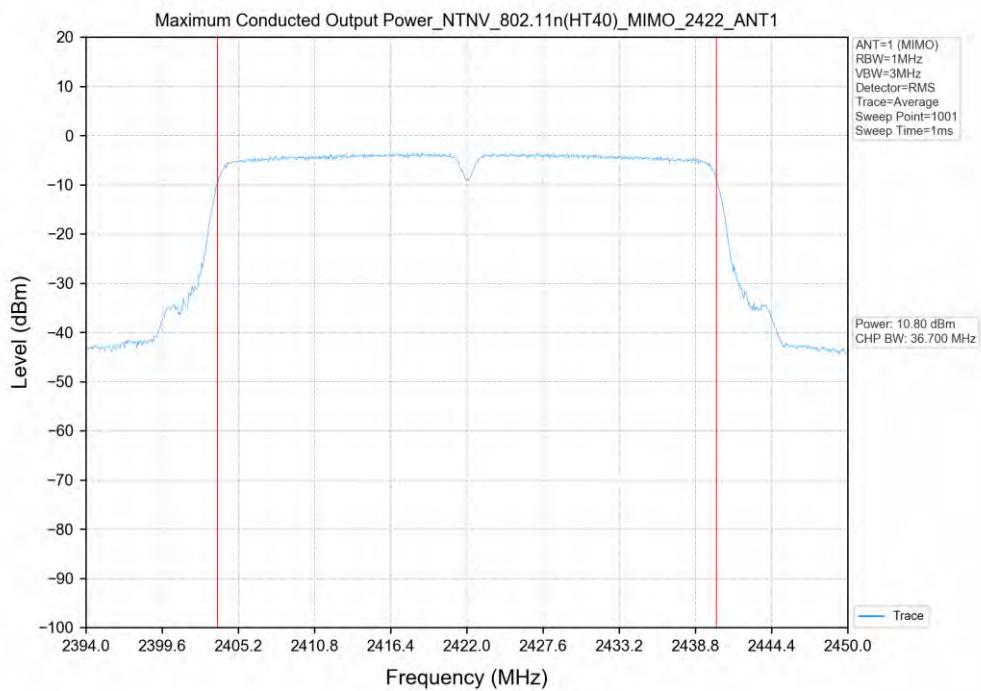
802.11n(HT40) 2422MHz\_SISO\_ANT1



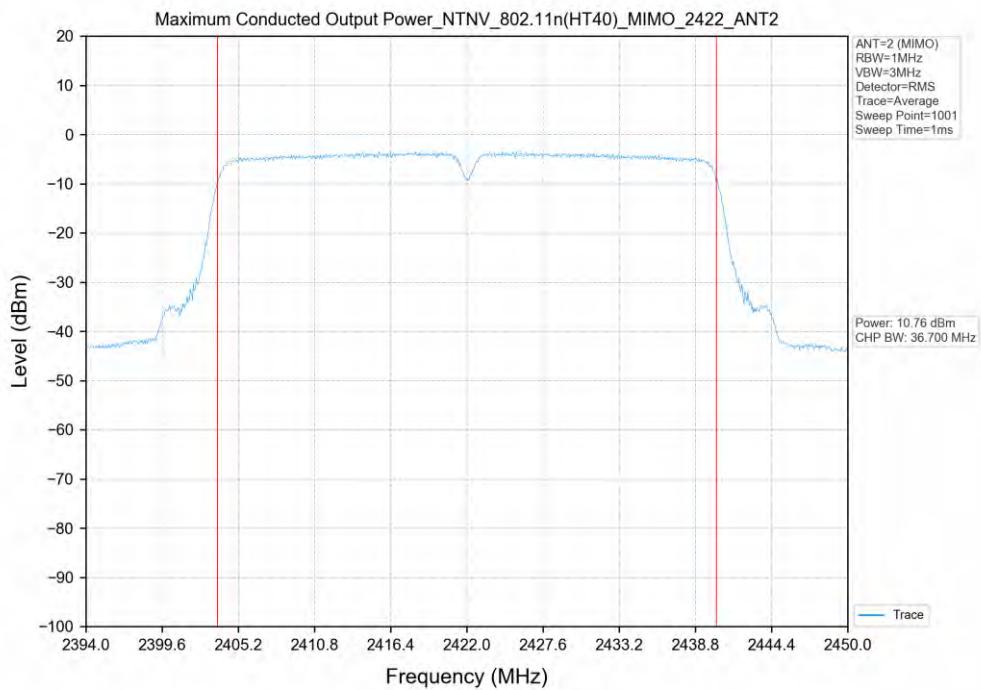
802.11n(HT40)\_2422MHz\_SISO\_ANT2



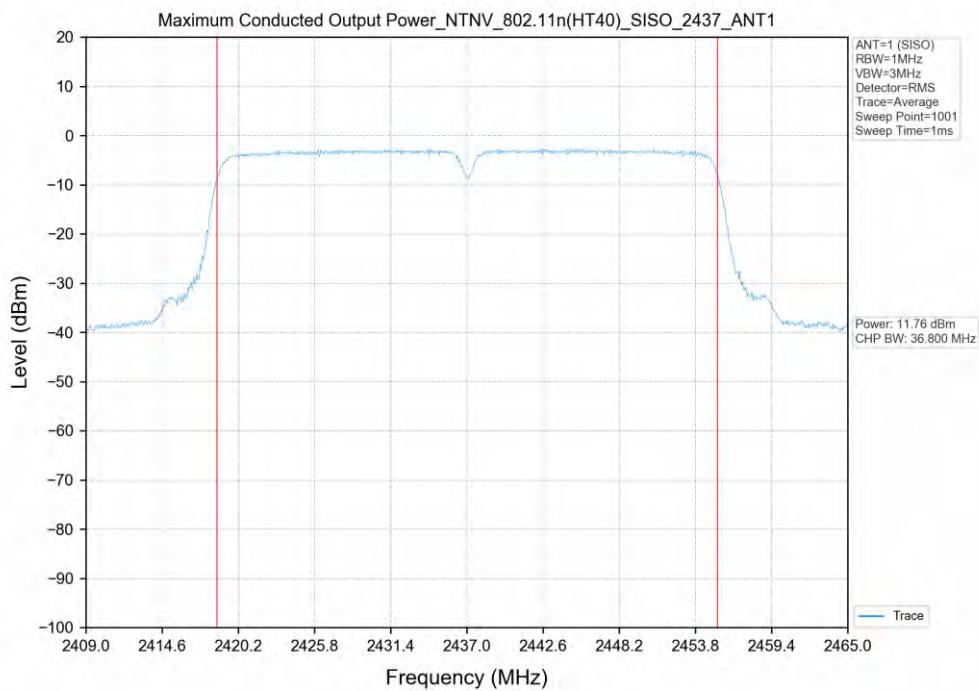
802.11n(HT40)\_2422MHz\_MIMO\_ANT1



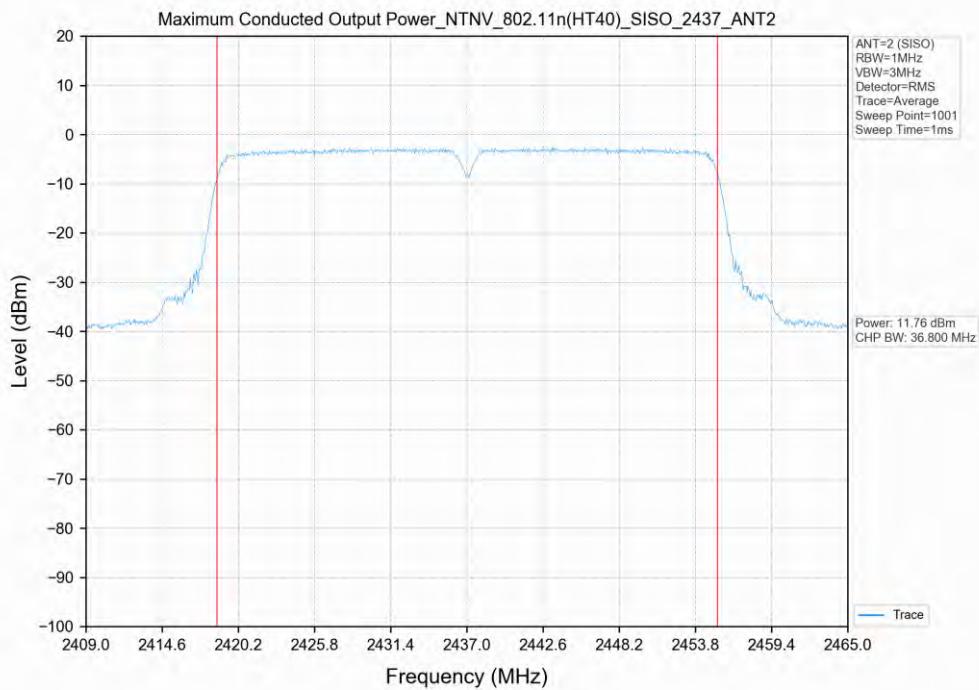
802.11n(HT40) 2422MHz\_MIMO\_ANT2



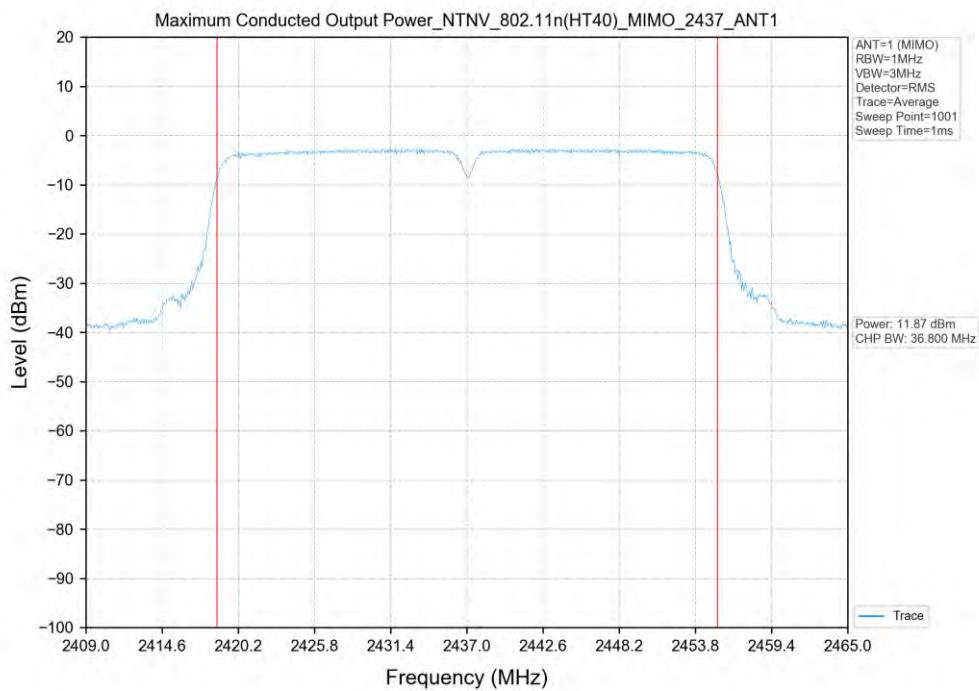
802.11n(HT40) 2437MHz\_SISO\_ANT1



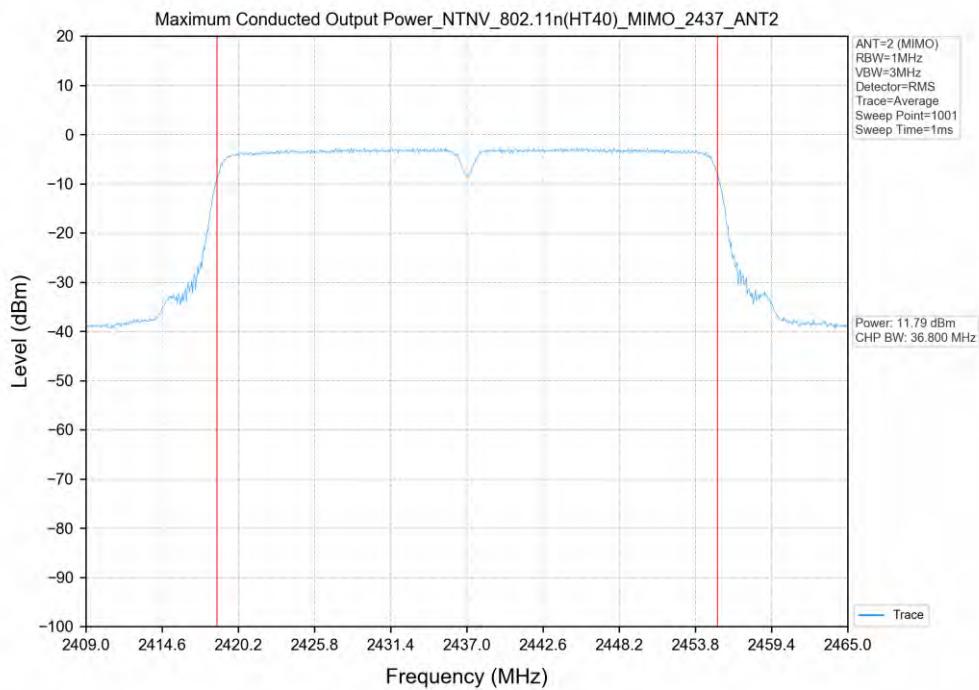
802.11n(HT40)\_2437MHz\_SISO\_ANT2



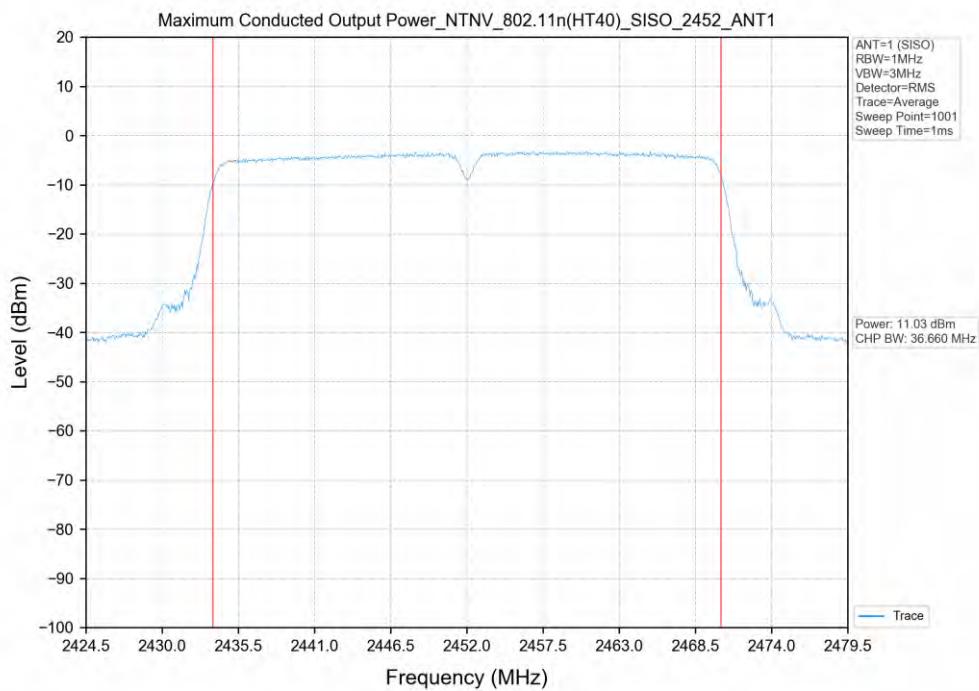
802.11n(HT40)\_2437MHz\_MIMO\_ANT1



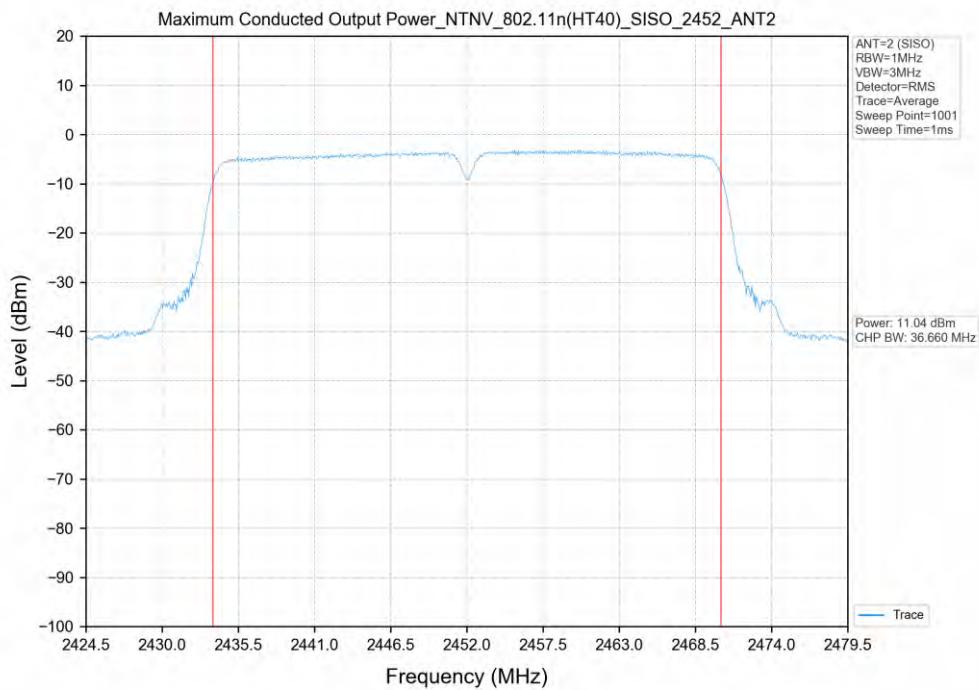
802.11n(HT40) 2437MHz\_MIMO\_ANT2



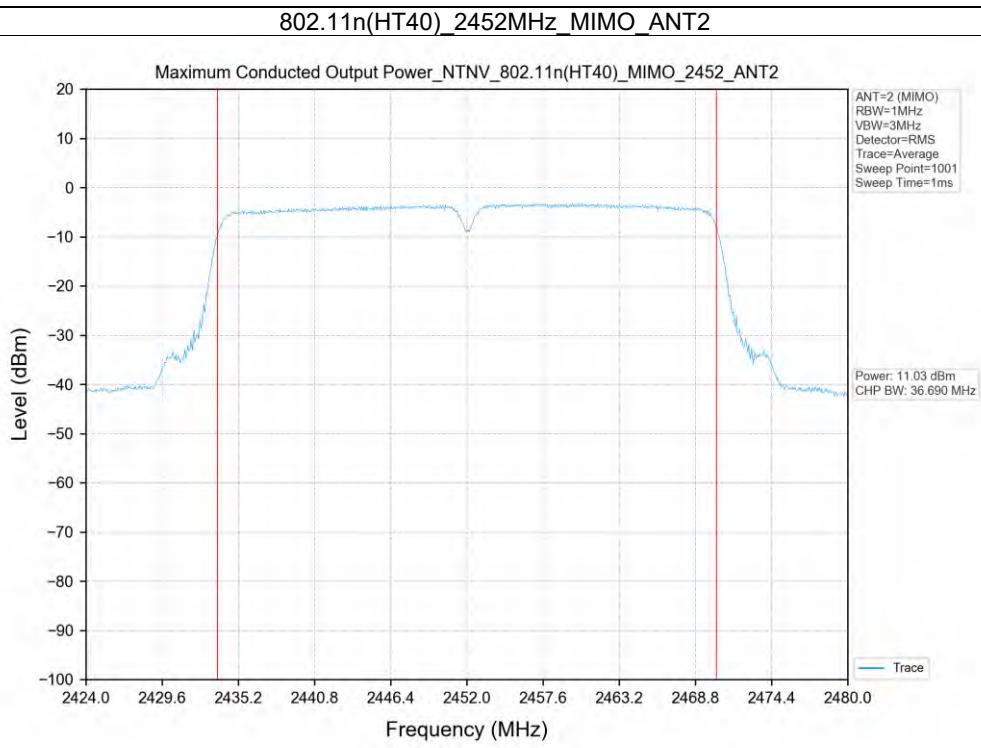
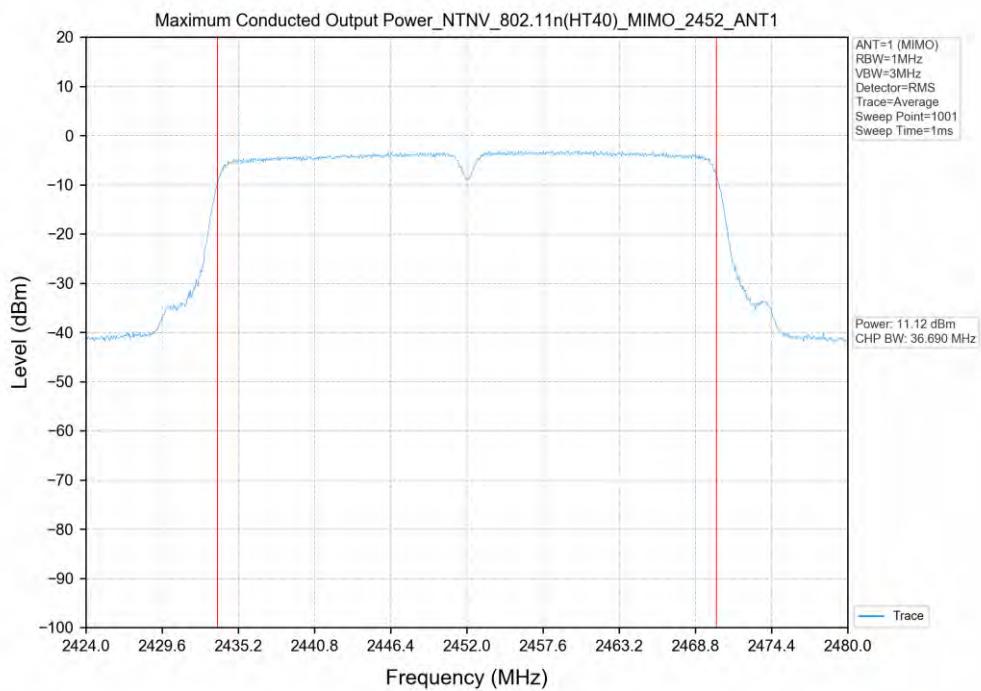
802.11n(HT40) 2452MHz\_SISO\_ANT1



802.11n(HT40)\_2452MHz\_SISO\_ANT2



802.11n(HT40)\_2452MHz\_MIMO\_ANT1

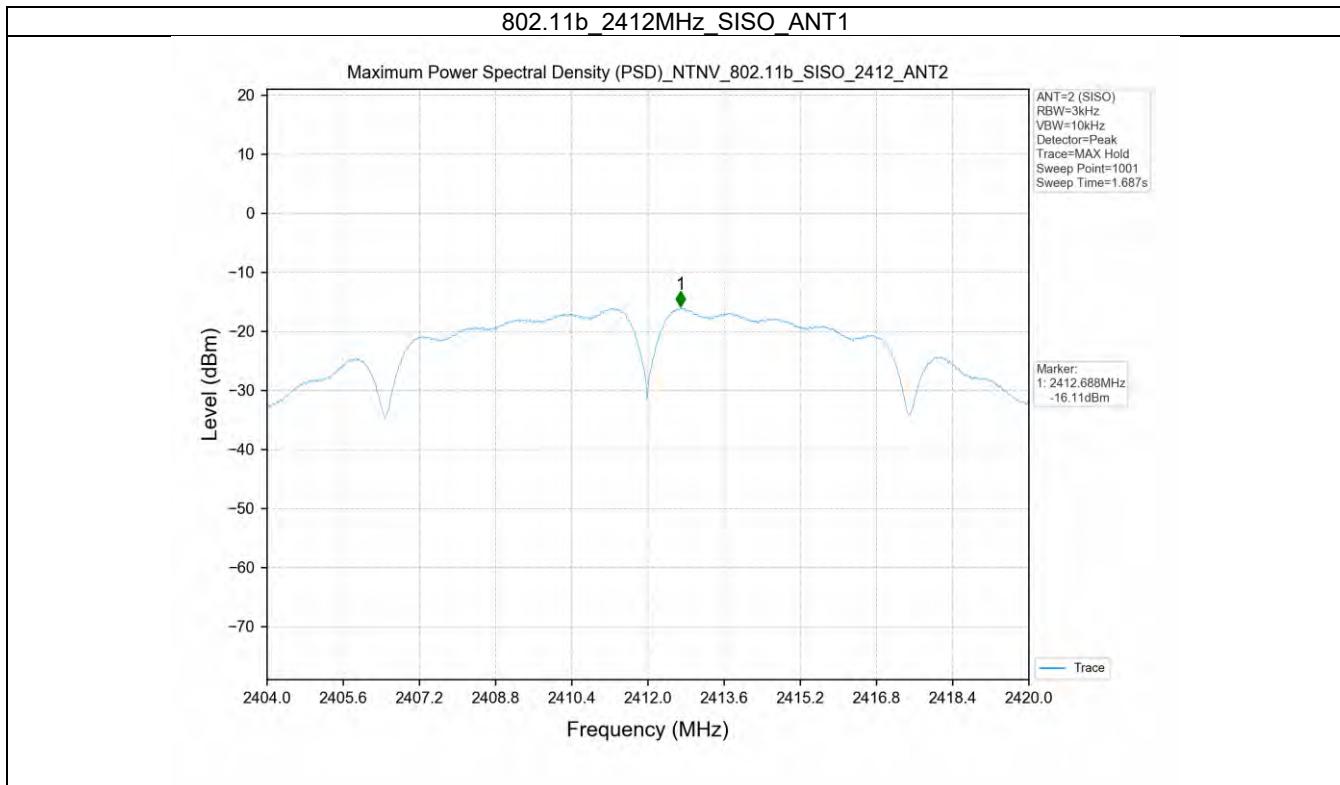


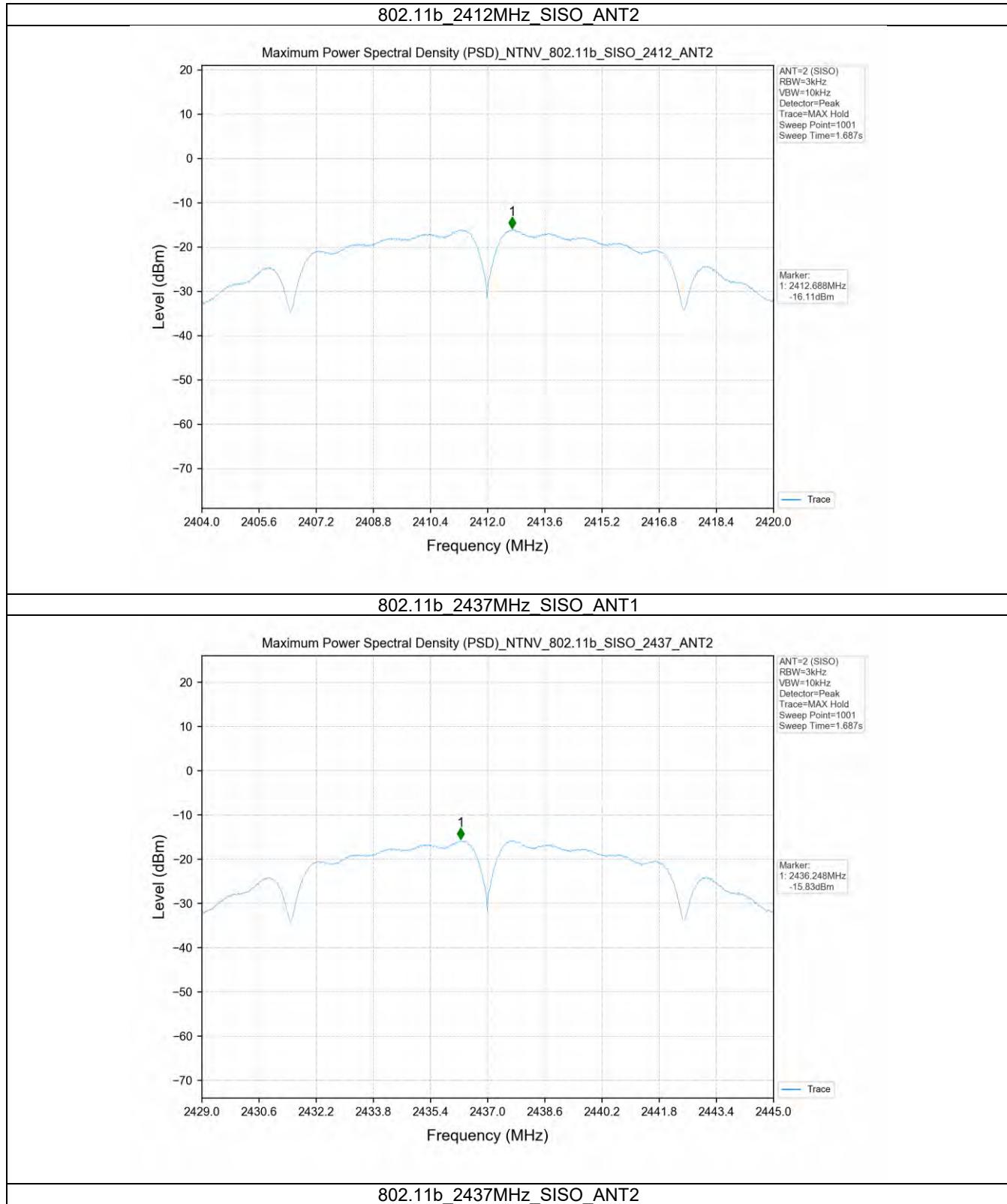
## 4. Maximum Power Spectral Density (PSD)

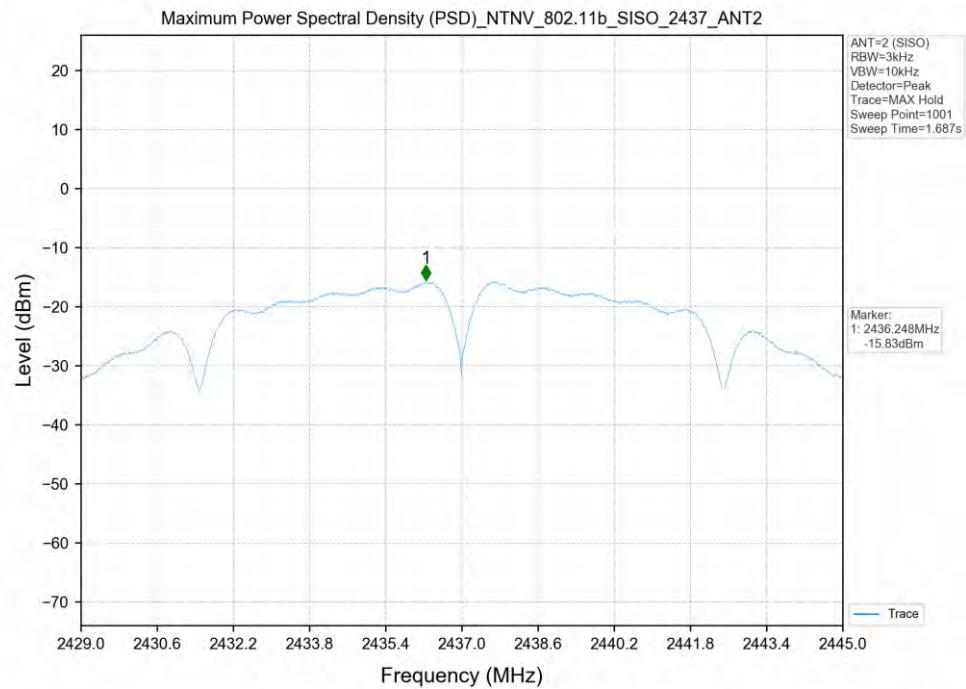
### 4.1 Test Result

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	-16.23	-16.11	/	≤8	PASS
	2437	SISO	-15.72	-15.83	/	≤8	PASS
	2462	SISO	-15.18	-15.27	/	≤8	PASS
802.11g	2412	SISO	-15.38	-15.06	/	≤8	PASS
	2437	SISO	-14.25	-14.47	/	≤8	PASS
	2462	SISO	-14.04	-14.16	/	≤8	PASS
802.11n(HT20)	2412	SISO	-16.00	-15.77	/	≤8	PASS
		MIMO	-15.44	-15.87	-12.64	≤8	PASS
	2437	SISO	-14.94	-15.06	/	≤8	PASS
		MIMO	-14.81	-14.89	-11.84	≤8	PASS
	2462	SISO	-14.54	-14.78	/	≤8	PASS
		MIMO	-14.74	-14.55	-11.63	≤8	PASS
802.11n(HT40)	2422	SISO	-19.02	-17.57	/	≤8	PASS
		MIMO	-19.04	-16.87	-15.30	≤8	PASS
	2437	SISO	-16.44	-17.61	/	≤8	PASS
		MIMO	-18.30	-18.17	-15.52	≤8	PASS
	2452	SISO	-17.23	-18.30	/	≤8	PASS
		MIMO	-17.06	-16.77	-14.30	≤8	PASS

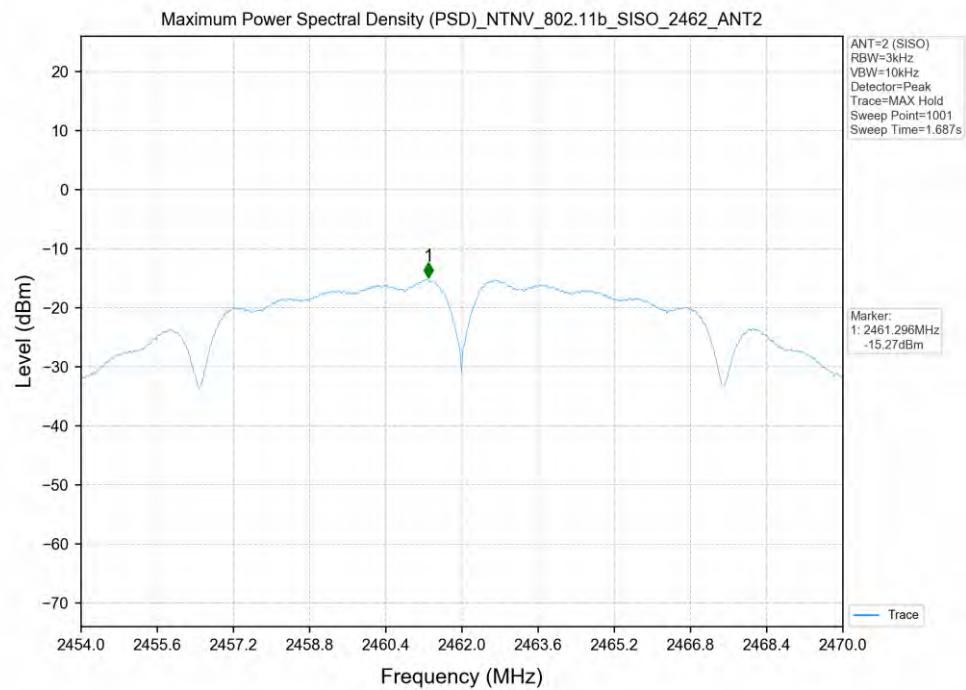
### 4.2 Test Graph



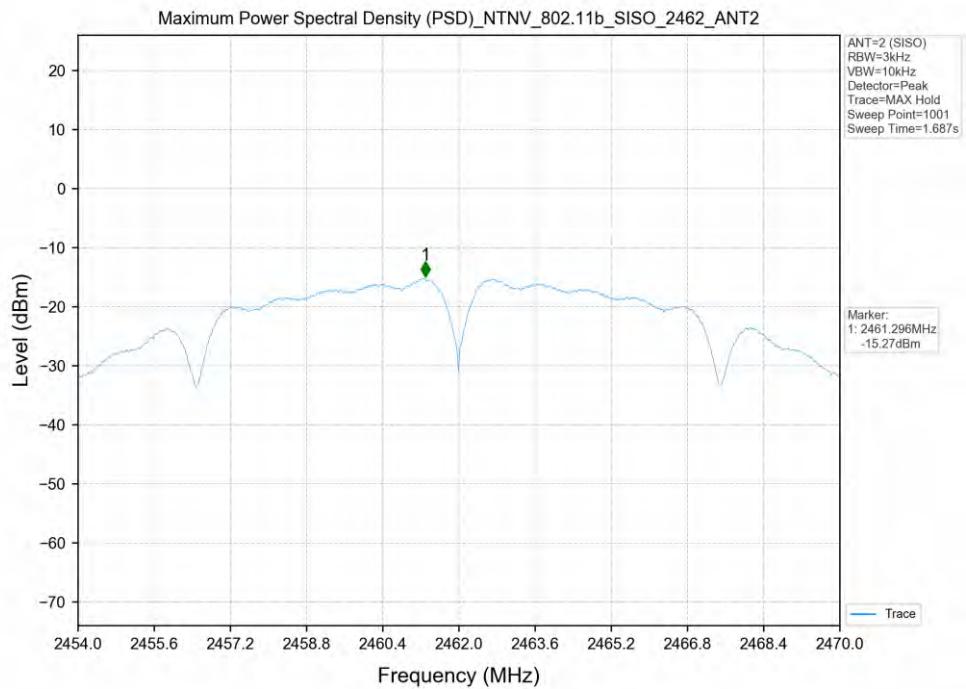




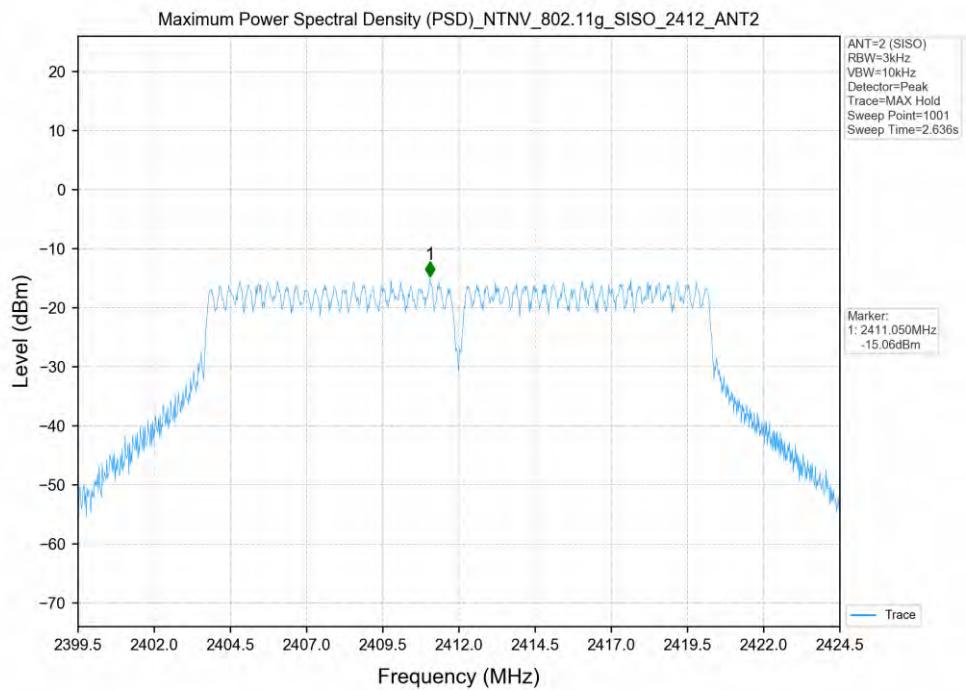
802.11b\_2462MHz\_SISO\_ANT1



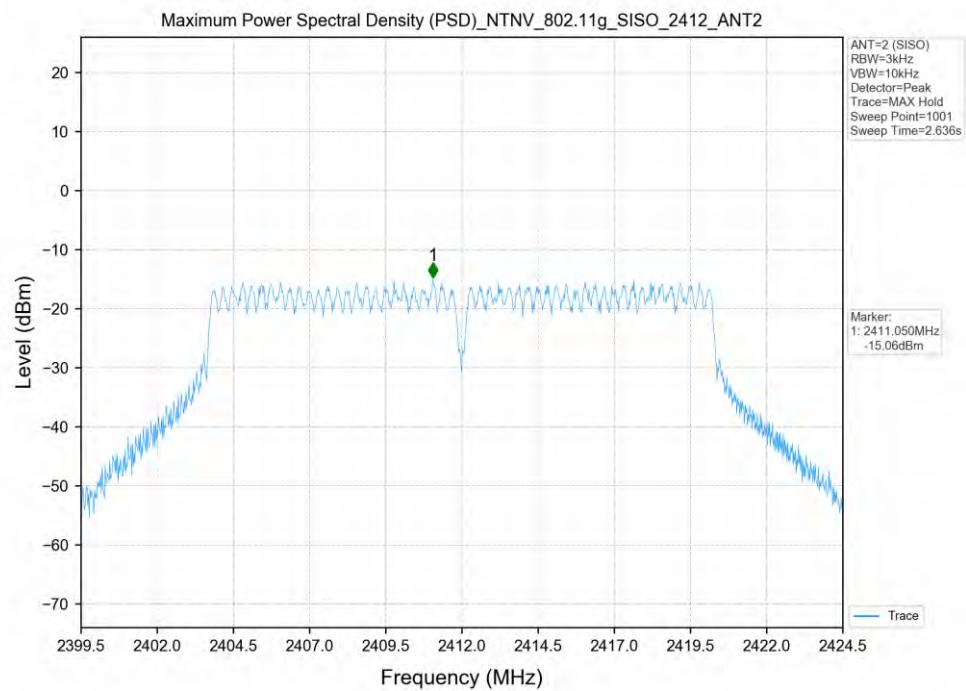
802.11b\_2462MHz\_SISO\_ANT2



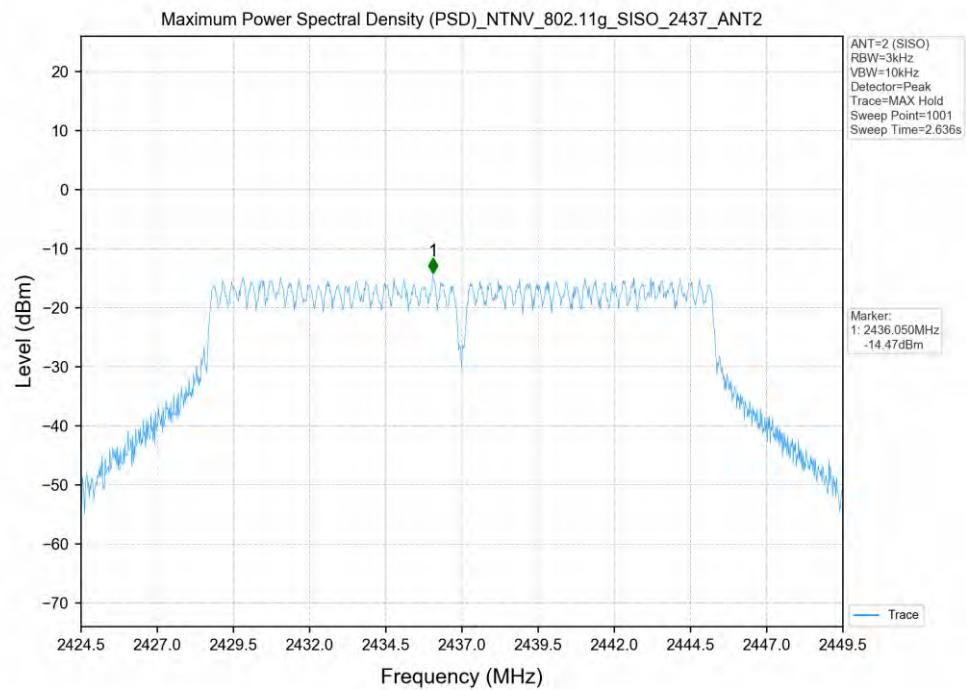
802.11g\_2412MHz\_SISO\_ANT1



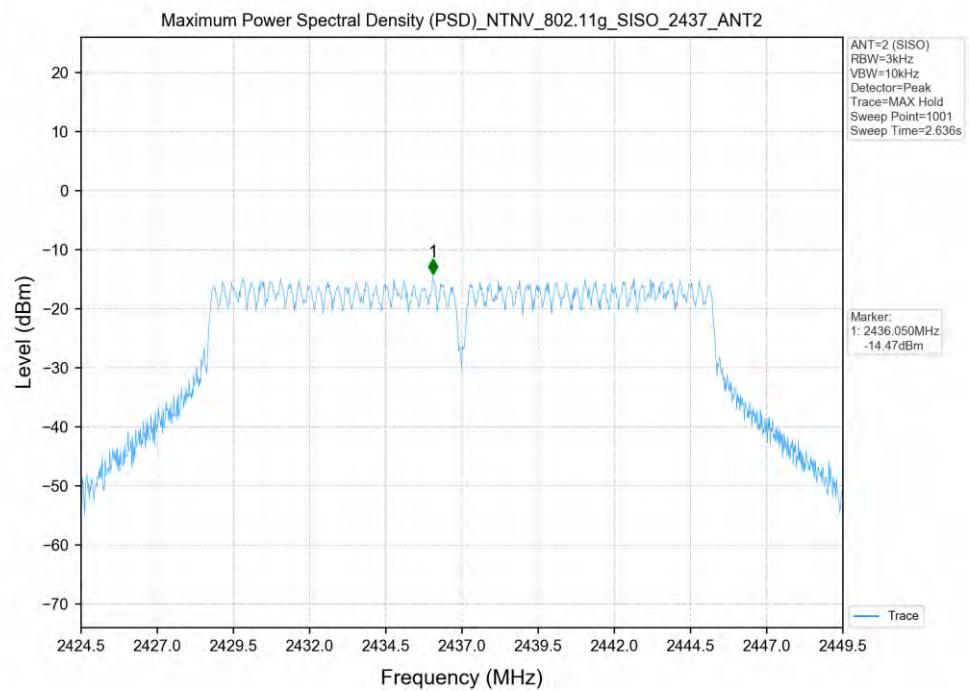
802.11g\_2412MHz\_SISO\_ANT2



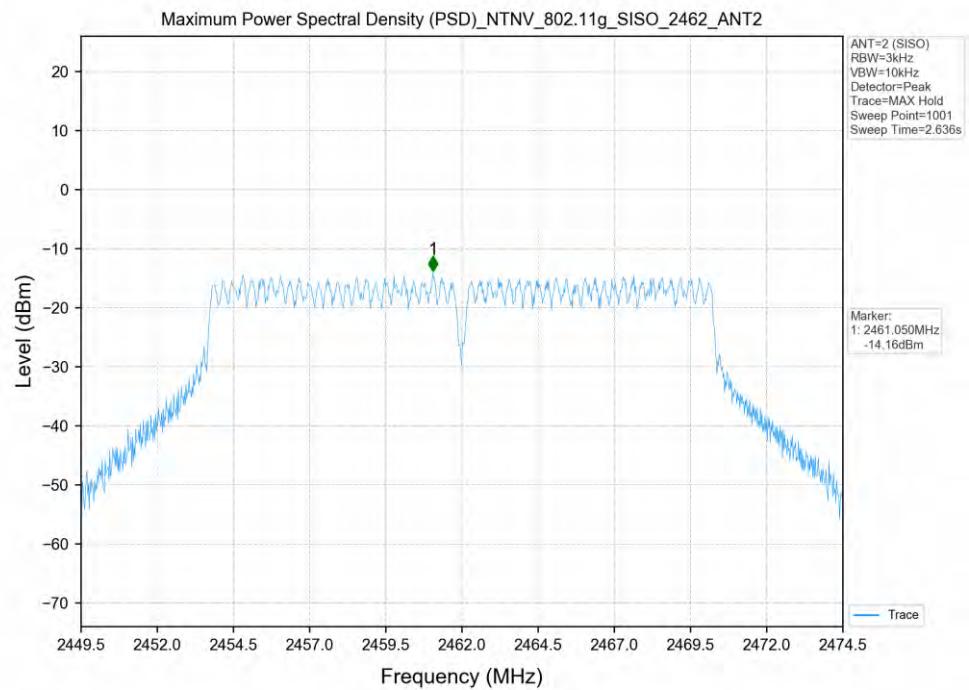
802.11g\_2437MHz\_SISO\_ANT1



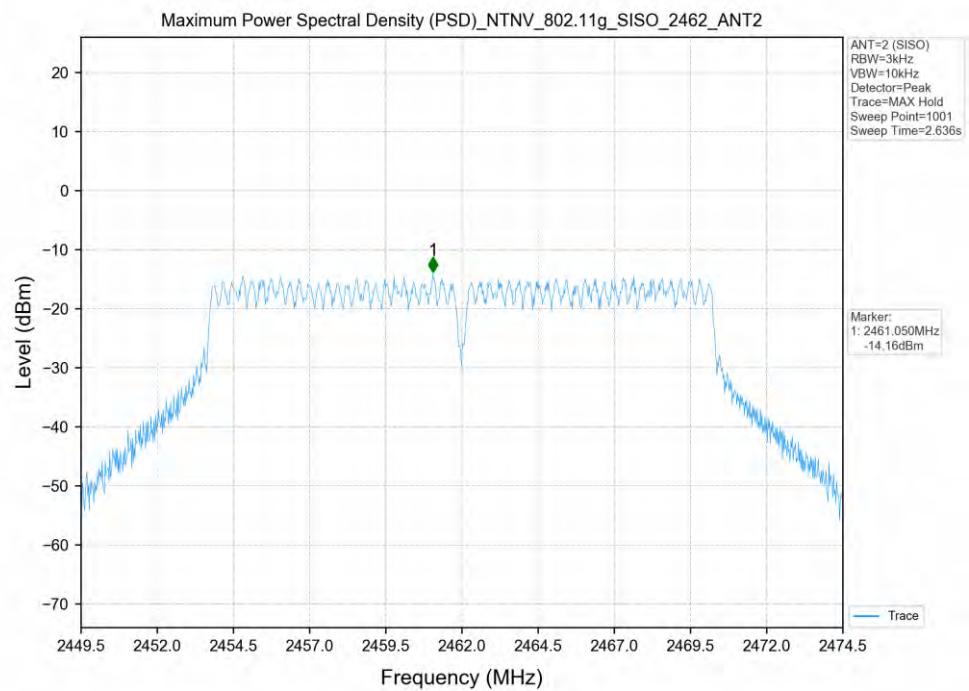
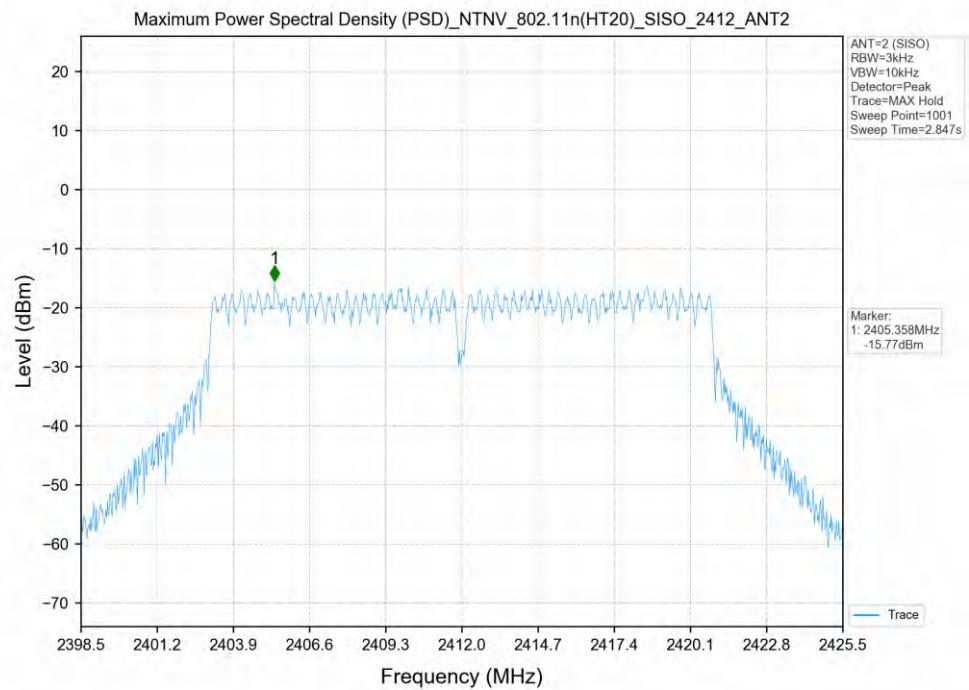
802.11g\_2437MHz\_SISO\_ANT2

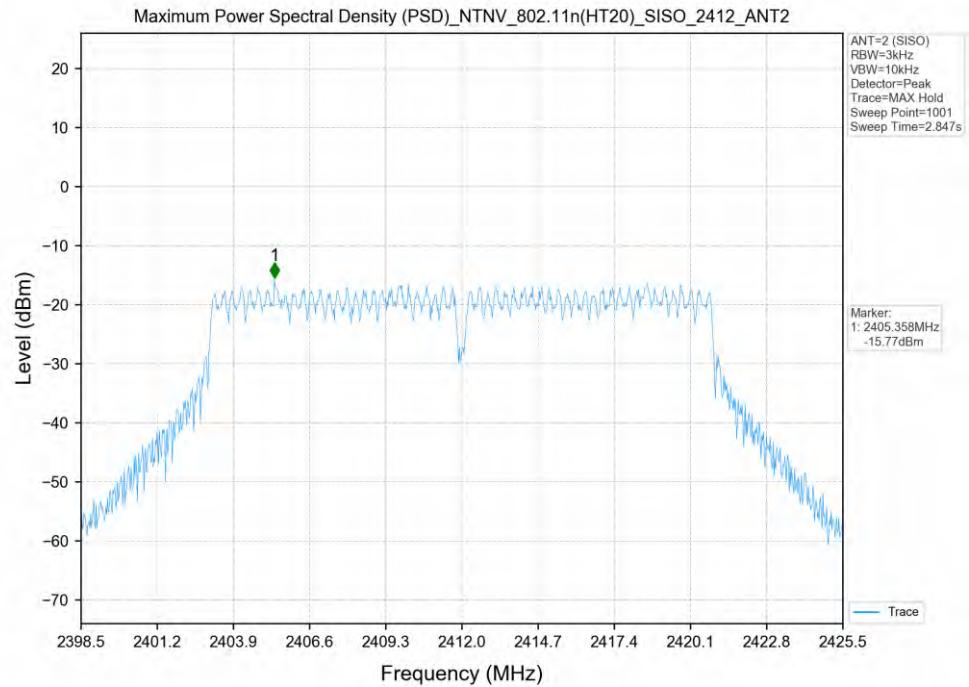


802.11g\_2462MHz\_SISO\_ANT1

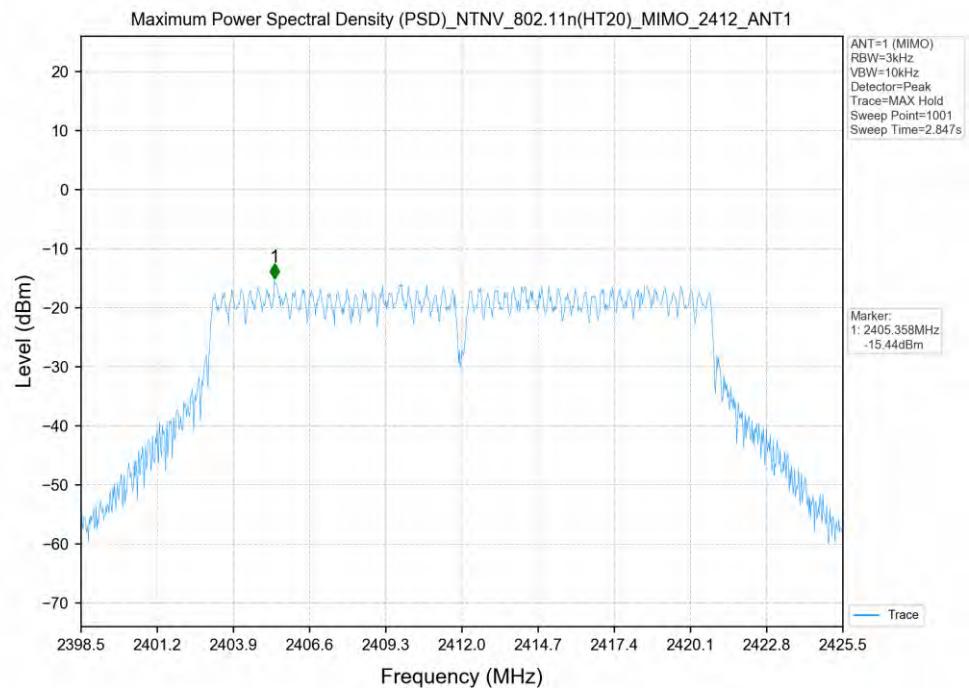


802.11g\_2462MHz\_SISO\_ANT2

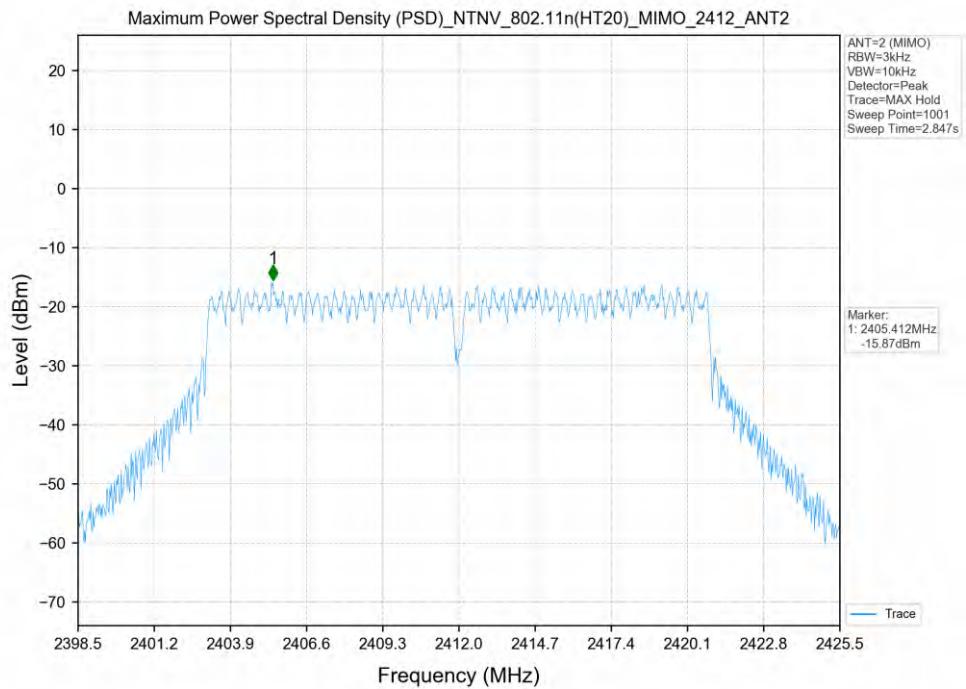
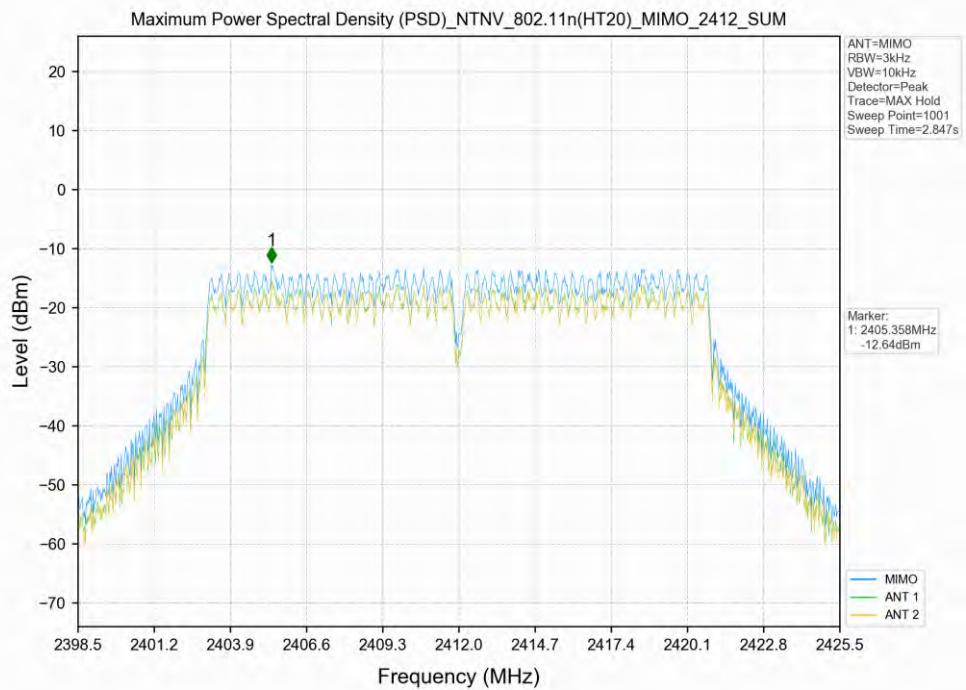
**802.11n(HT20)\_2412MHz\_SISO\_ANT1****802.11n(HT20)\_2412MHz\_SISO\_ANT2**

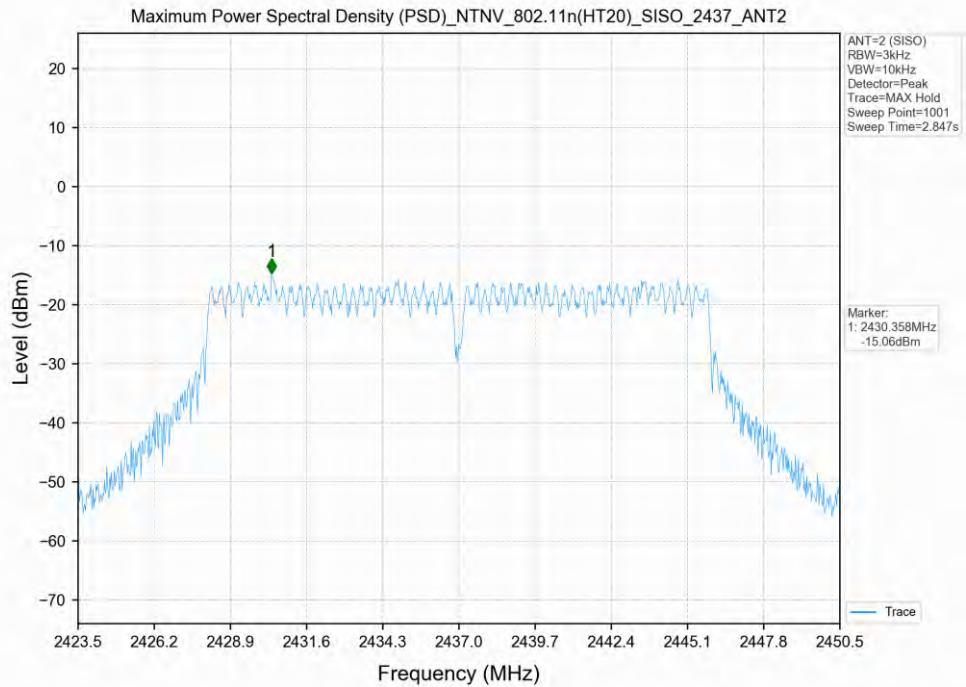


802.11n(HT20) 2412MHz\_MIMO\_ANT1

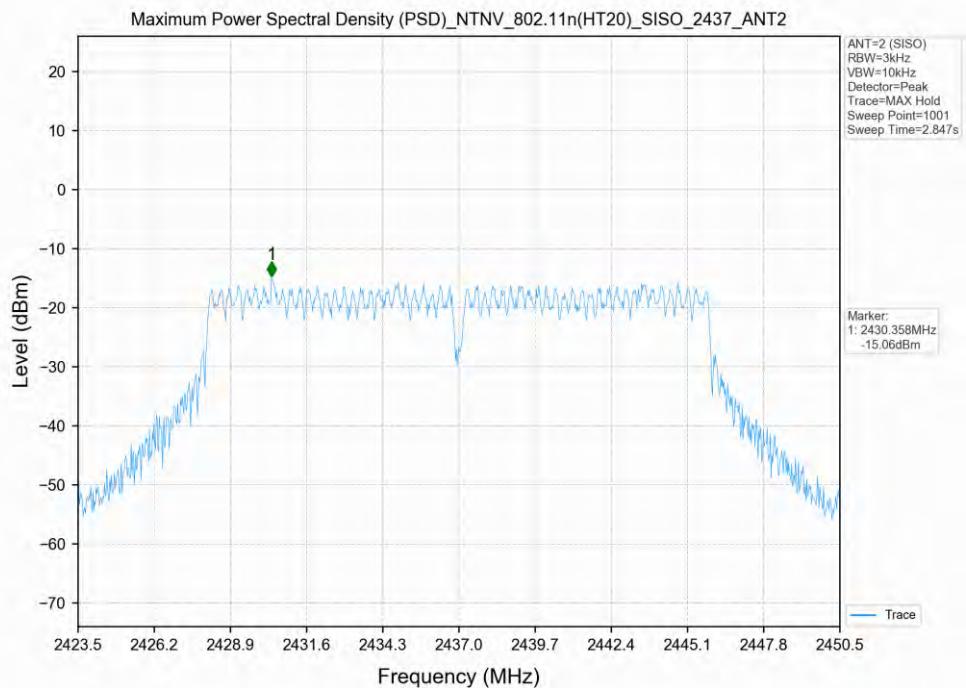


802.11n(HT20) 2412MHz\_MIMO\_ANT2

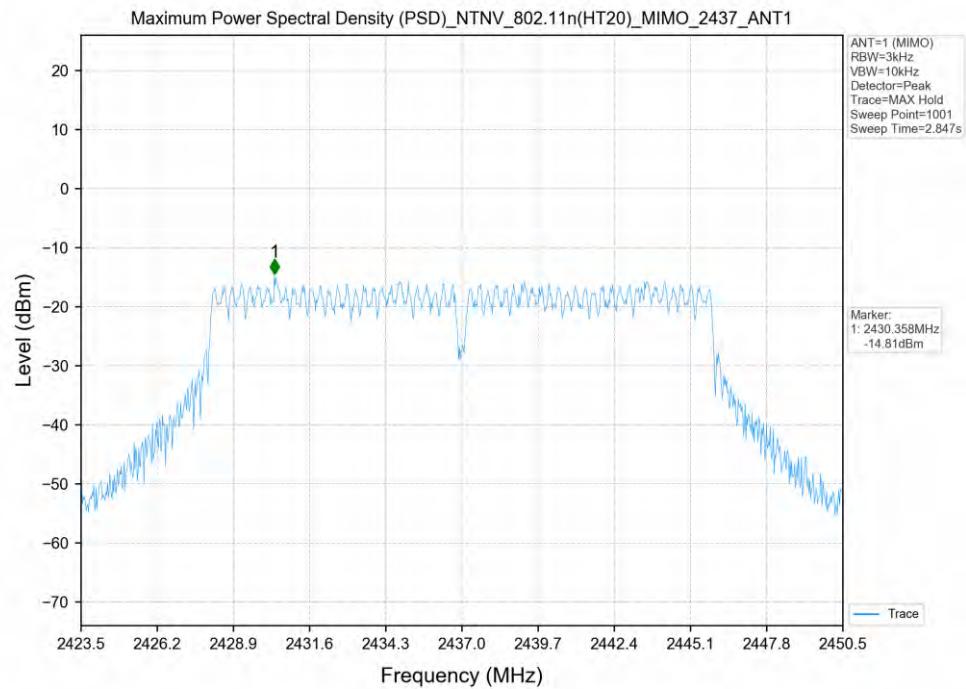
**802.11n(HT20)\_2412MHz\_MIMO\_Total****802.11n(HT20)\_2437MHz\_SISO\_ANT1**



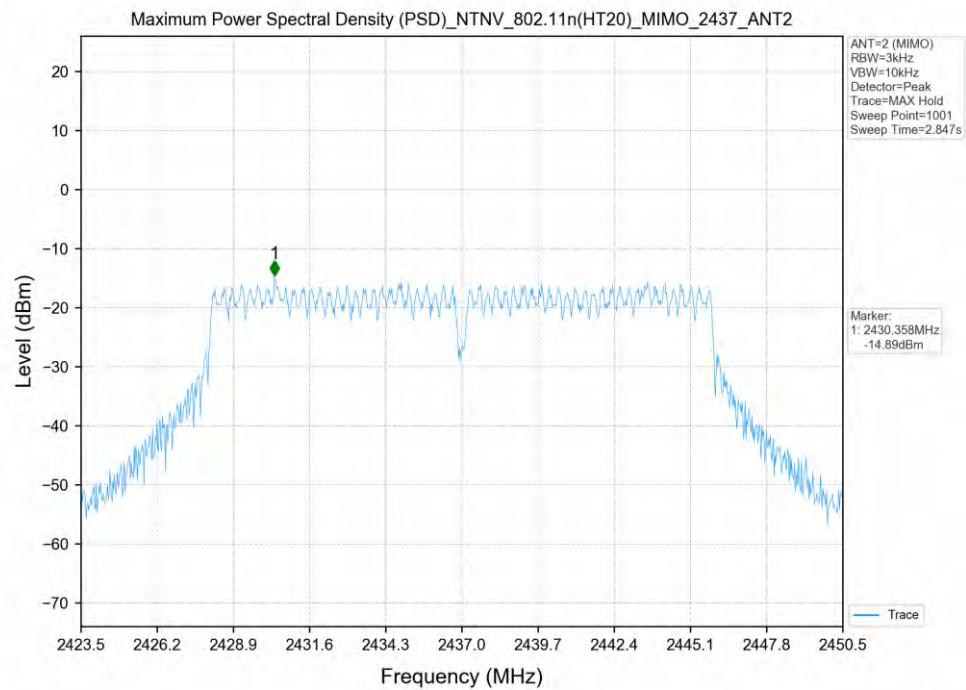
802.11n(HT20)\_2437MHz\_SISO\_ANT2



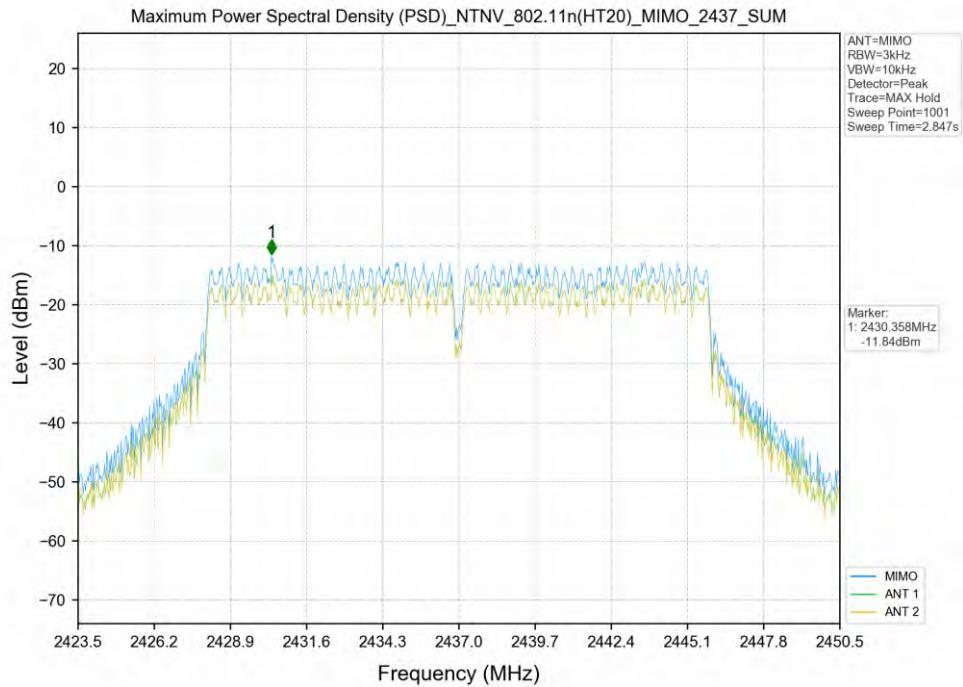
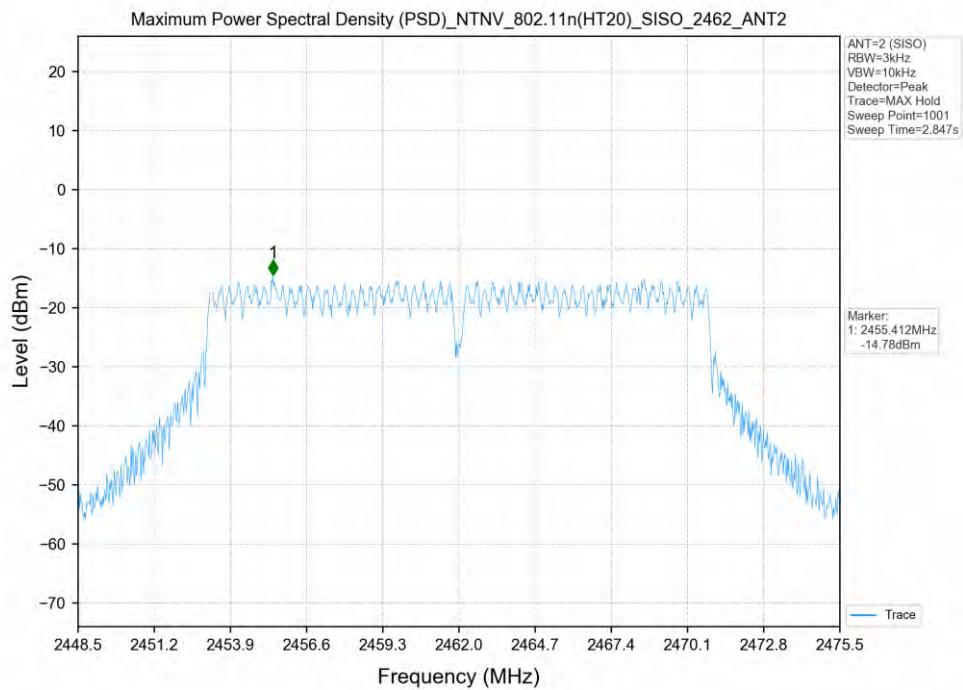
802.11n(HT20)\_2437MHz\_MIMO\_ANT1

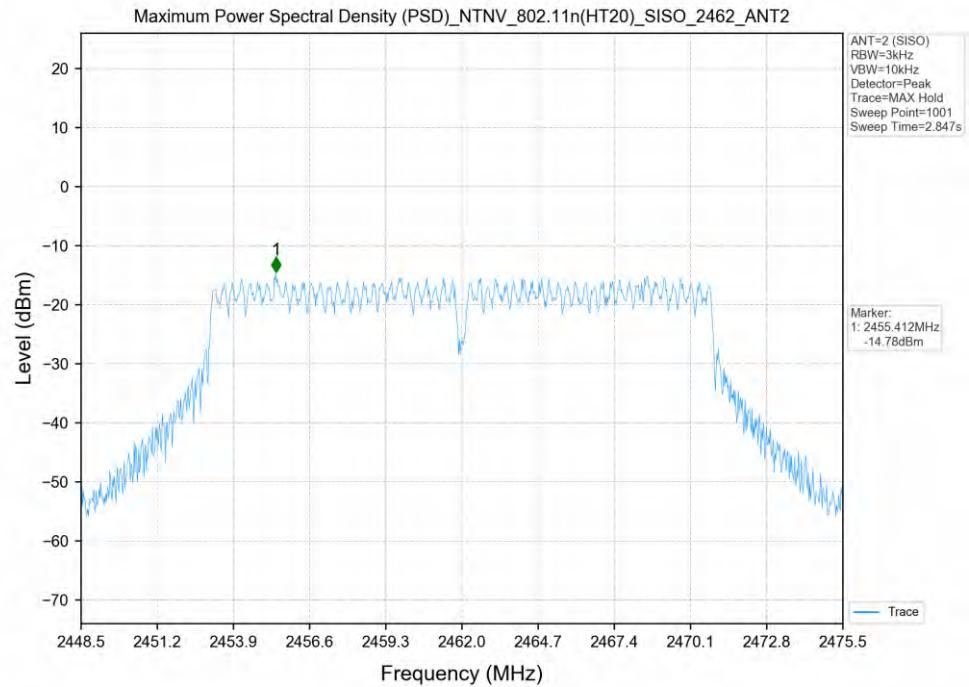


802.11n(HT20) 2437MHz MIMO ANT2

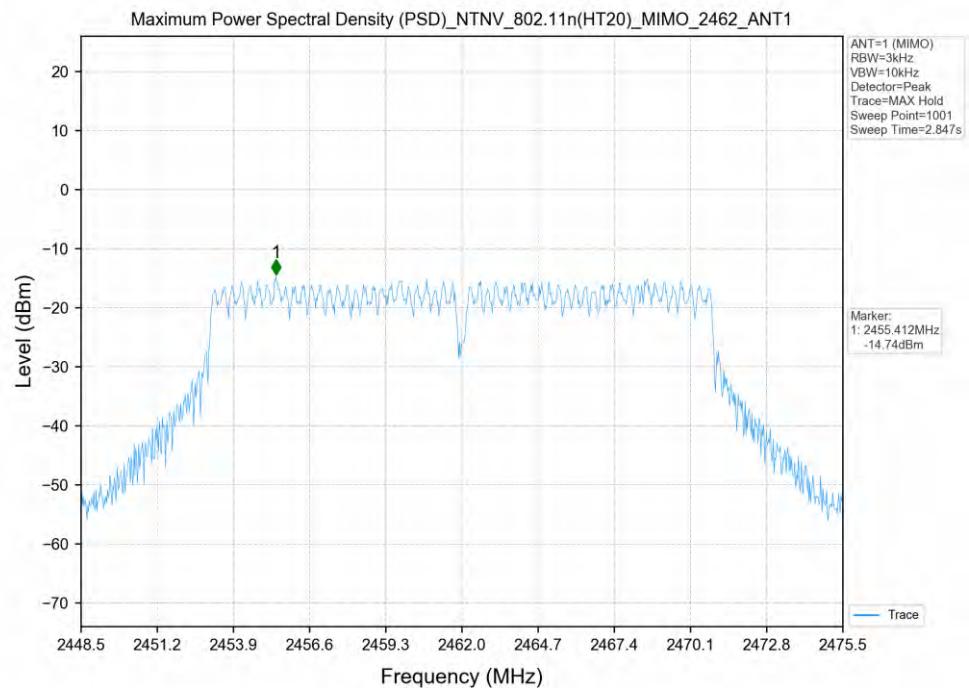


802.11n(HT20) 2437MHz MIMO Total

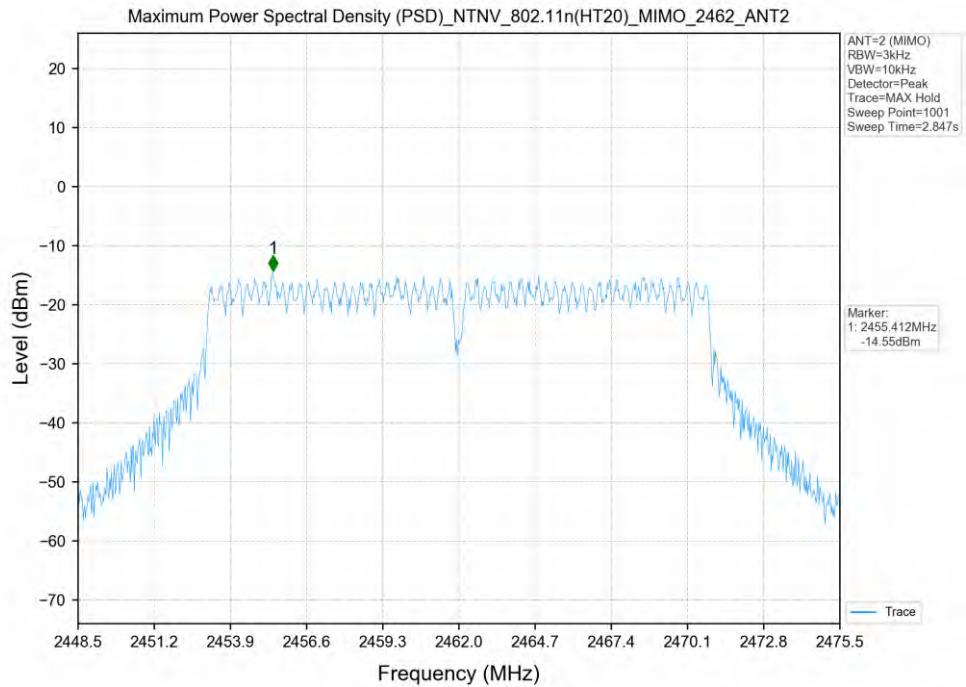
**802.11n(HT20)\_2462MHz\_SISO\_ANT1****802.11n(HT20)\_2462MHz\_SISO\_ANT2**



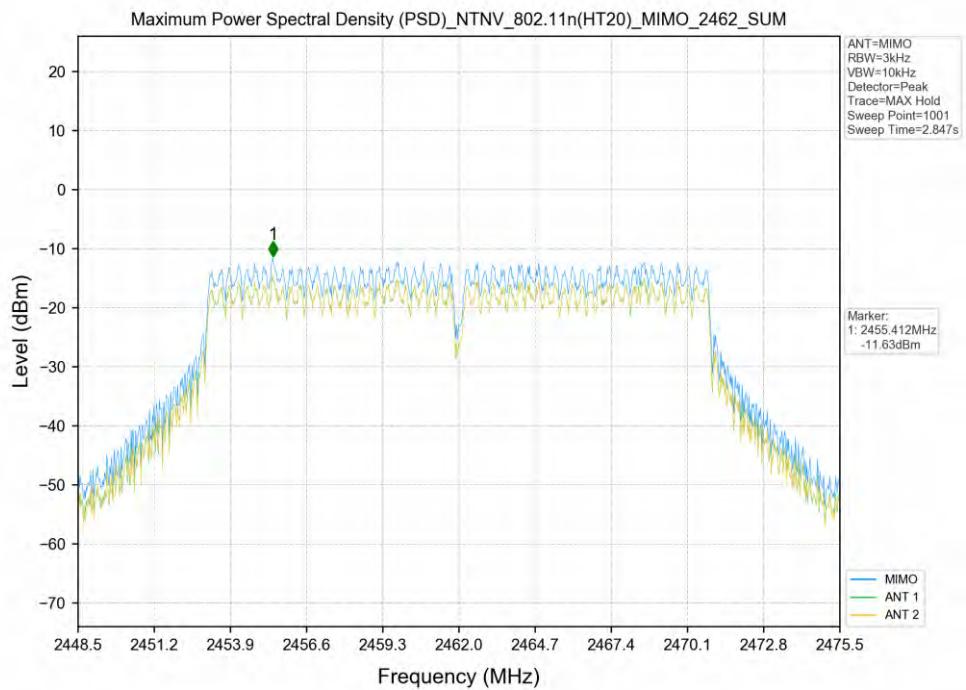
802.11n(HT20)\_2462MHz\_MIMO\_ANT1



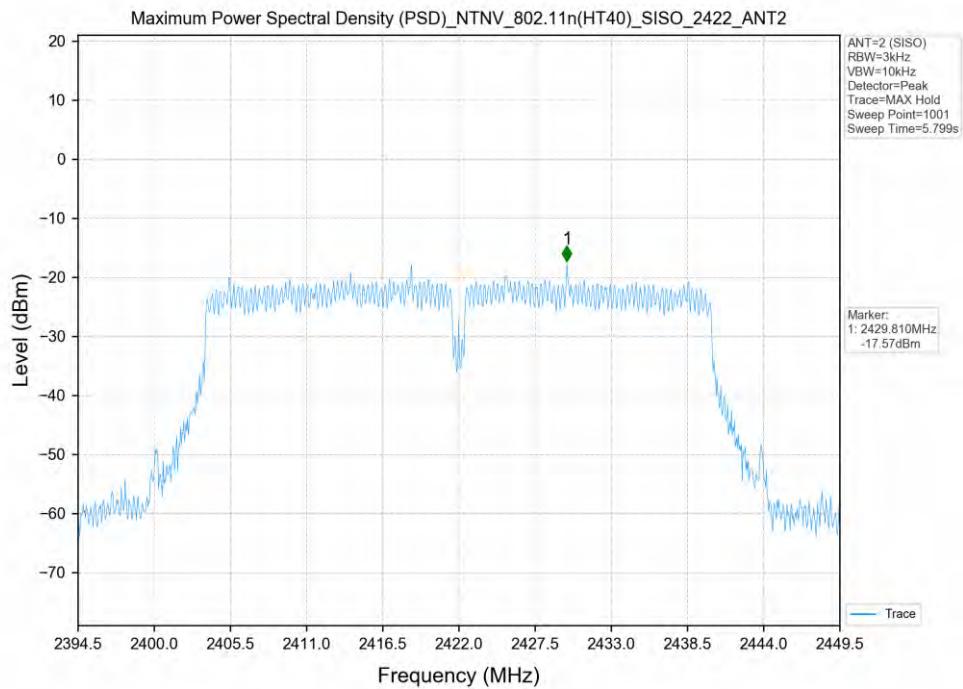
802.11n(HT20)\_2462MHz\_MIMO\_ANT2



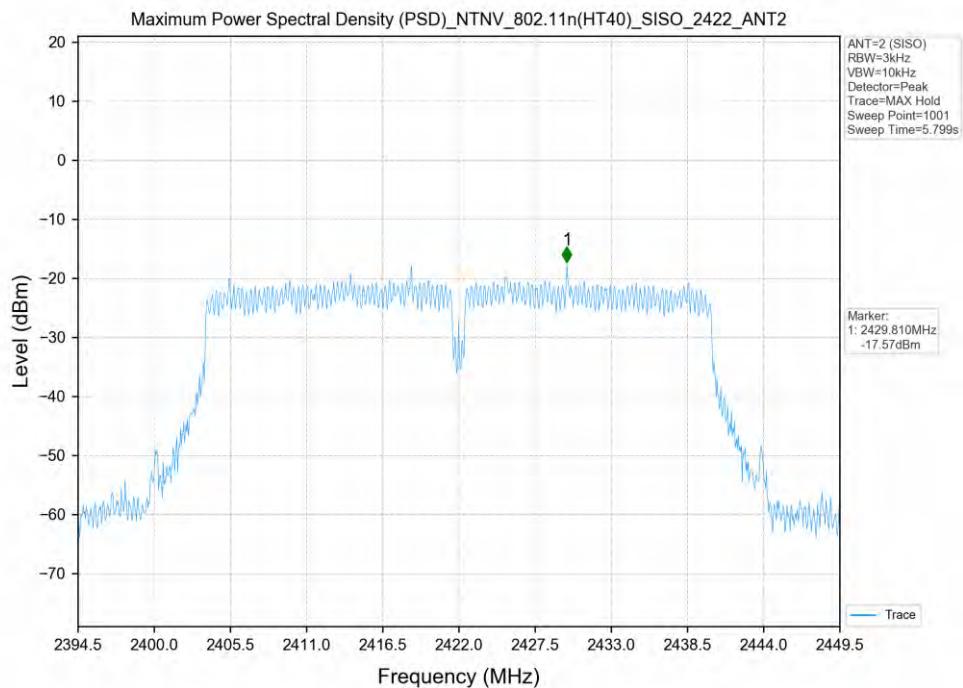
802.11n(HT20)\_2462MHz\_MIMO\_Total



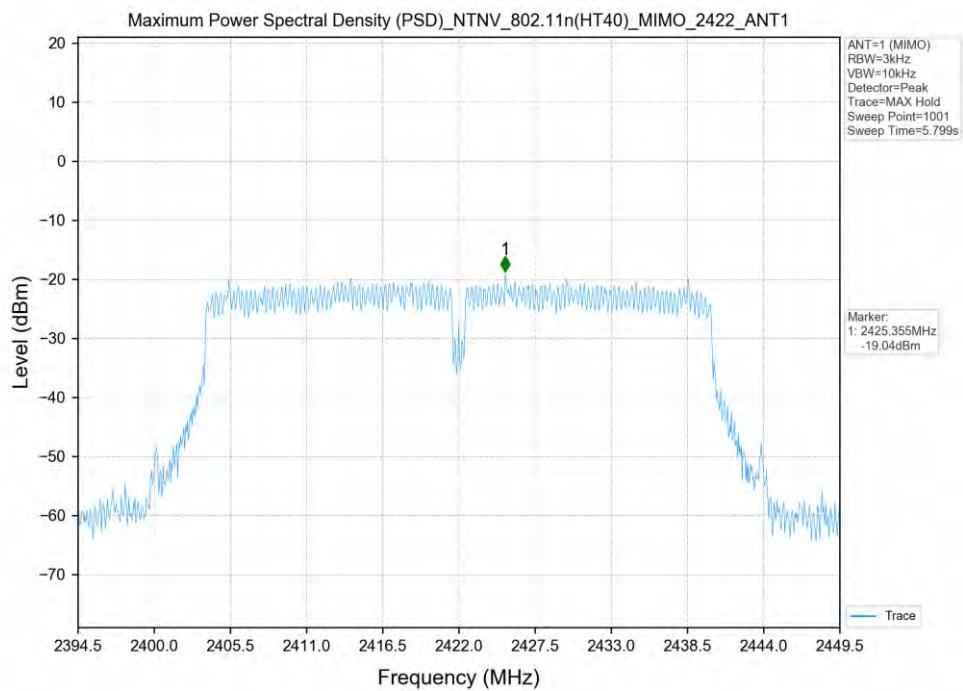
802.11n(HT40)\_2422MHz\_SISO\_ANT1



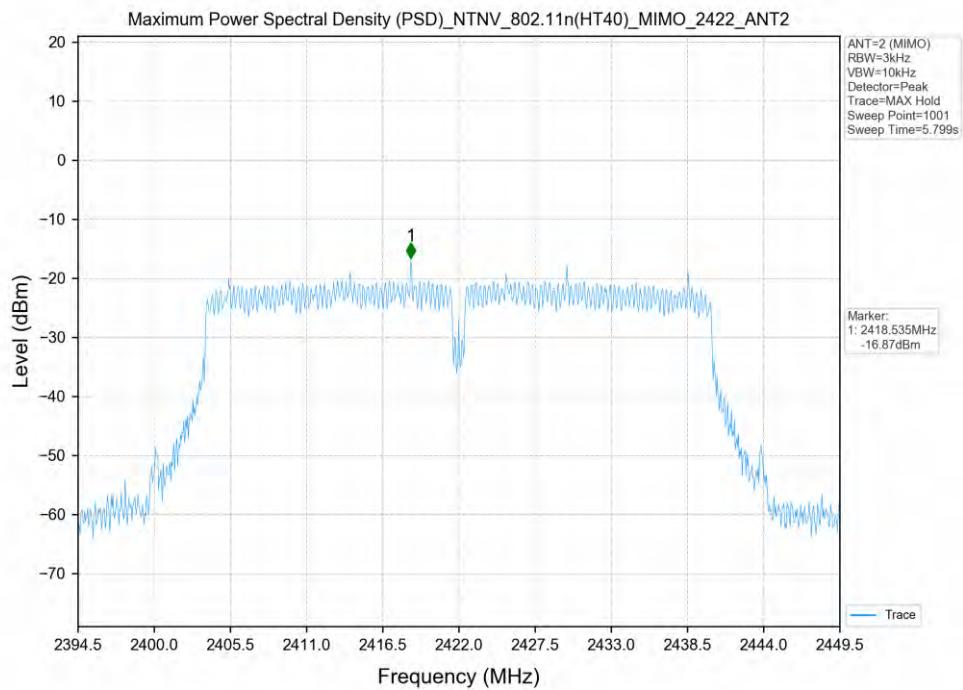
802.11n(HT40)\_2422MHz\_SISO\_ANT2



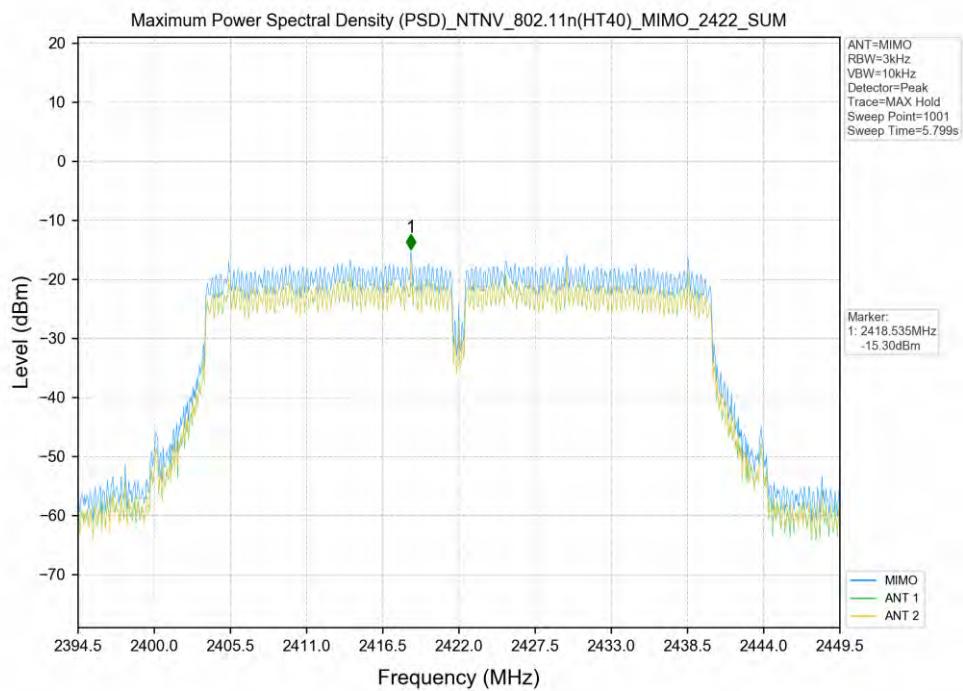
802.11n(HT40)\_2422MHz\_MIMO\_ANT1



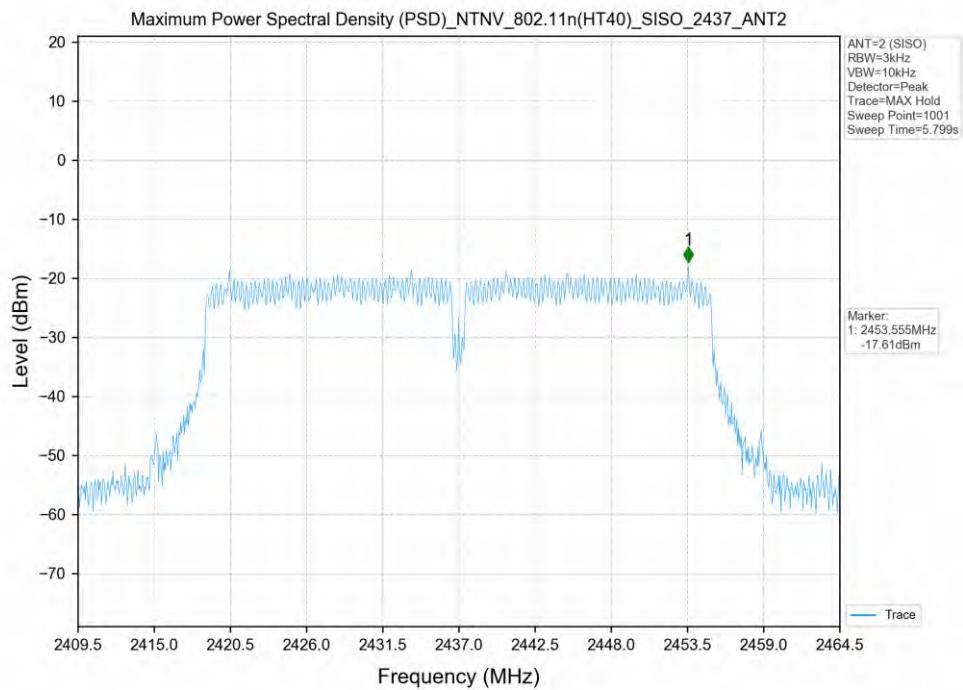
802.11n(HT40)\_2422MHz\_MIMO\_ANT2



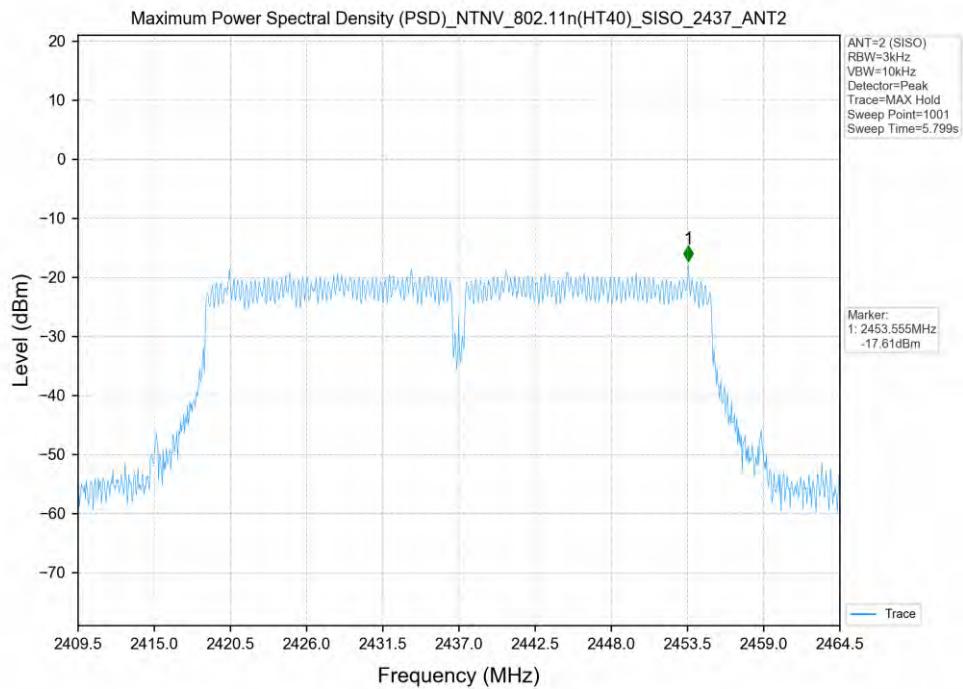
802.11n(HT40)\_2422MHz\_MIMO\_Total



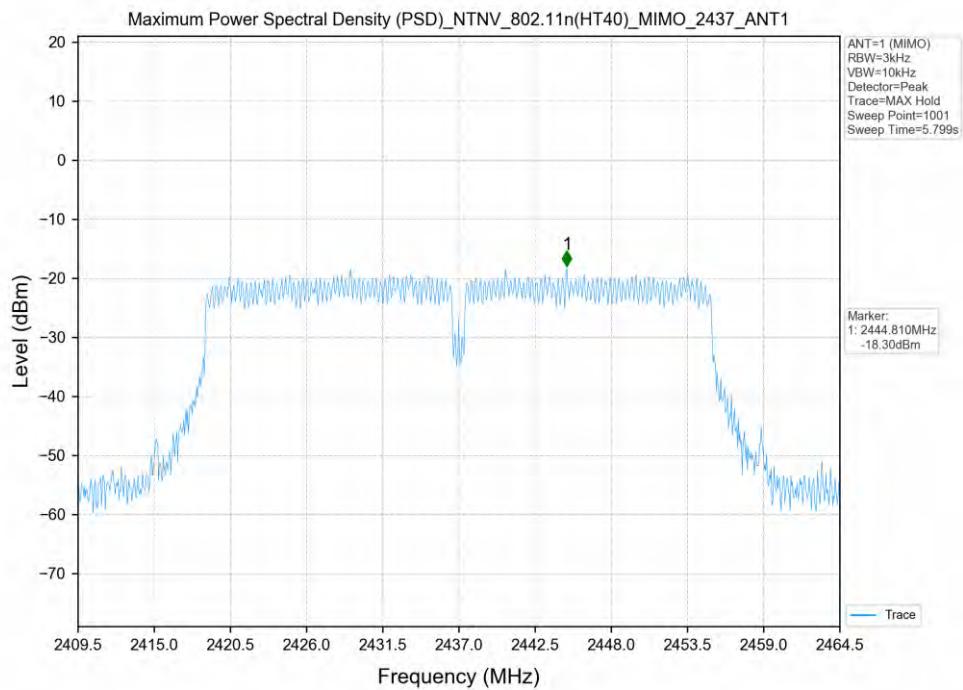
802.11n(HT40)\_2437MHz\_SISO\_ANT1



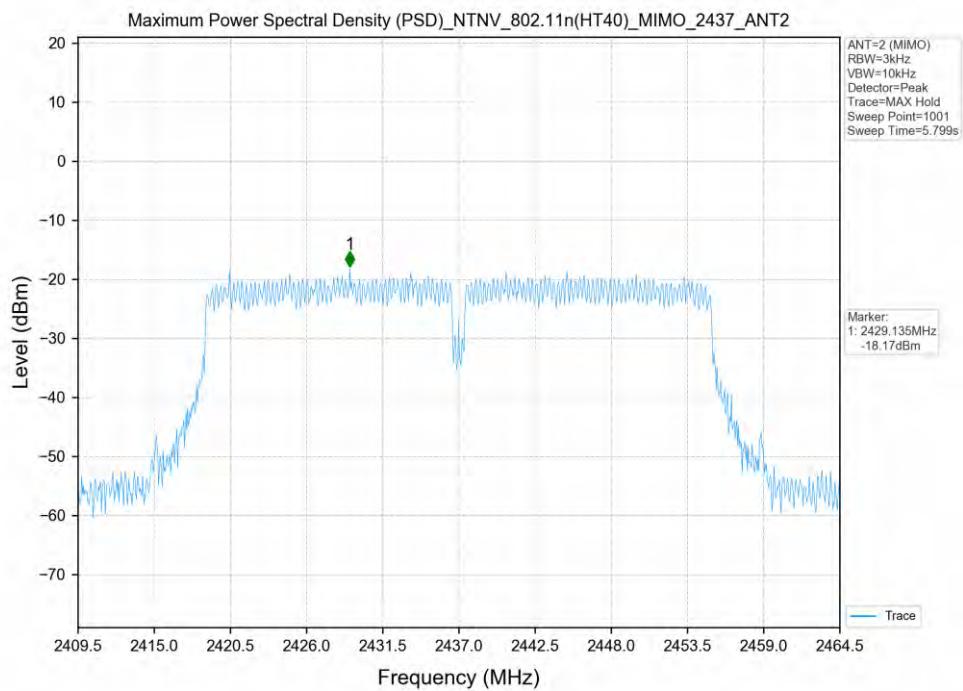
802.11n(HT40)\_2437MHz\_SISO\_ANT2



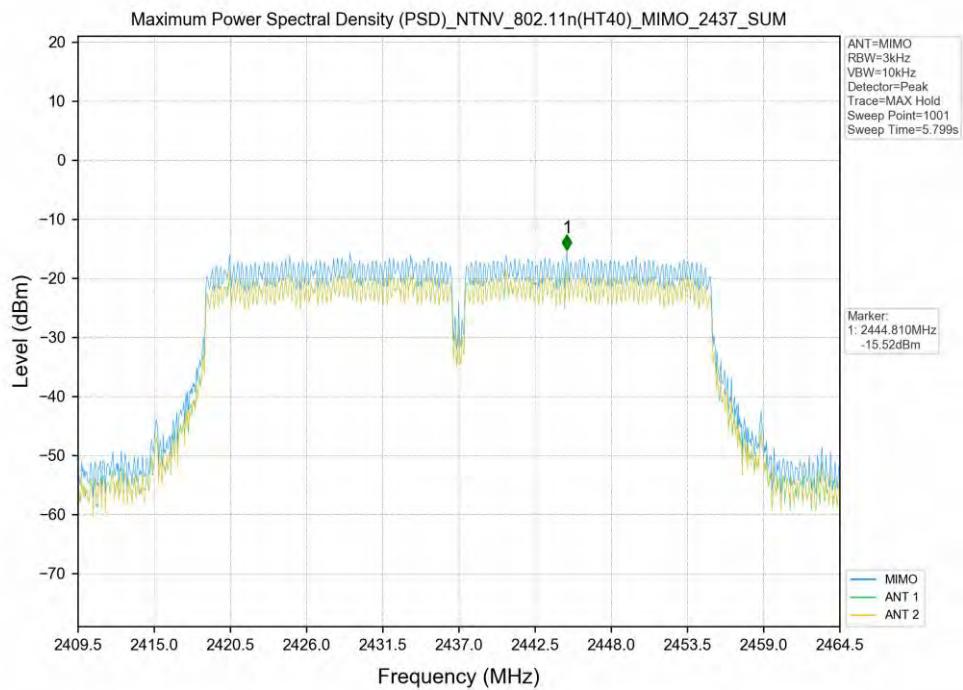
802.11n(HT40)\_2437MHz\_MIMO\_ANT1



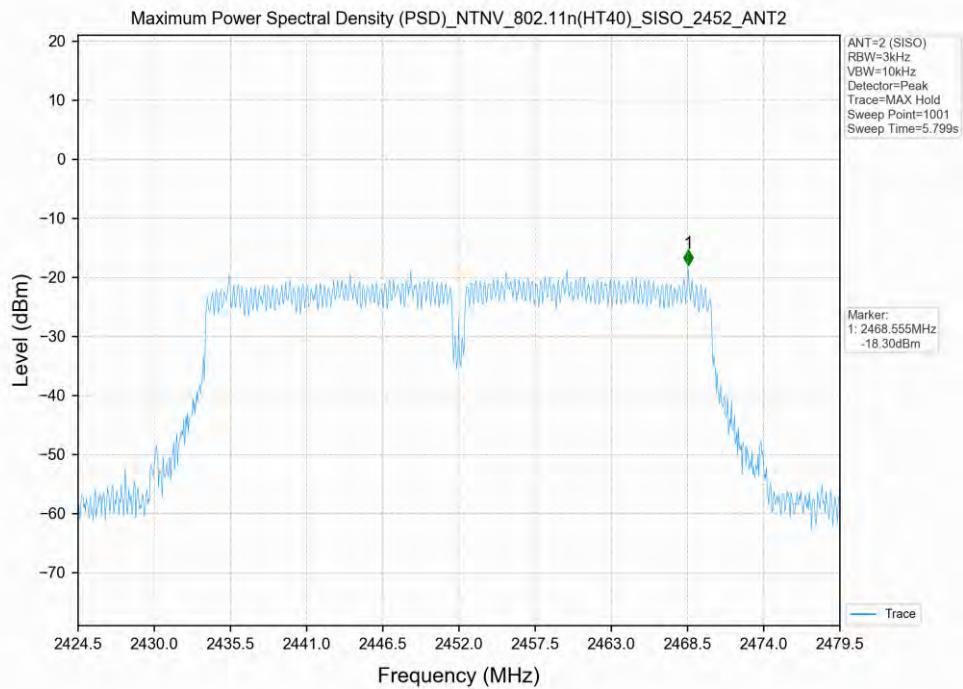
802.11n(HT40)\_2437MHz\_MIMO\_ANT2



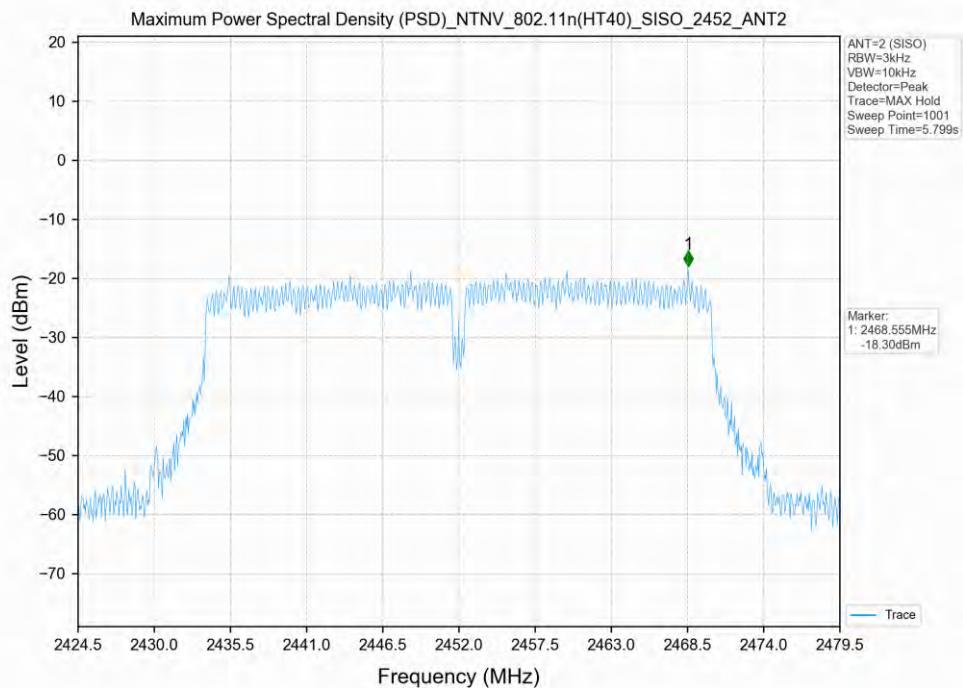
802.11n(HT40)\_2437MHz\_MIMO\_Total



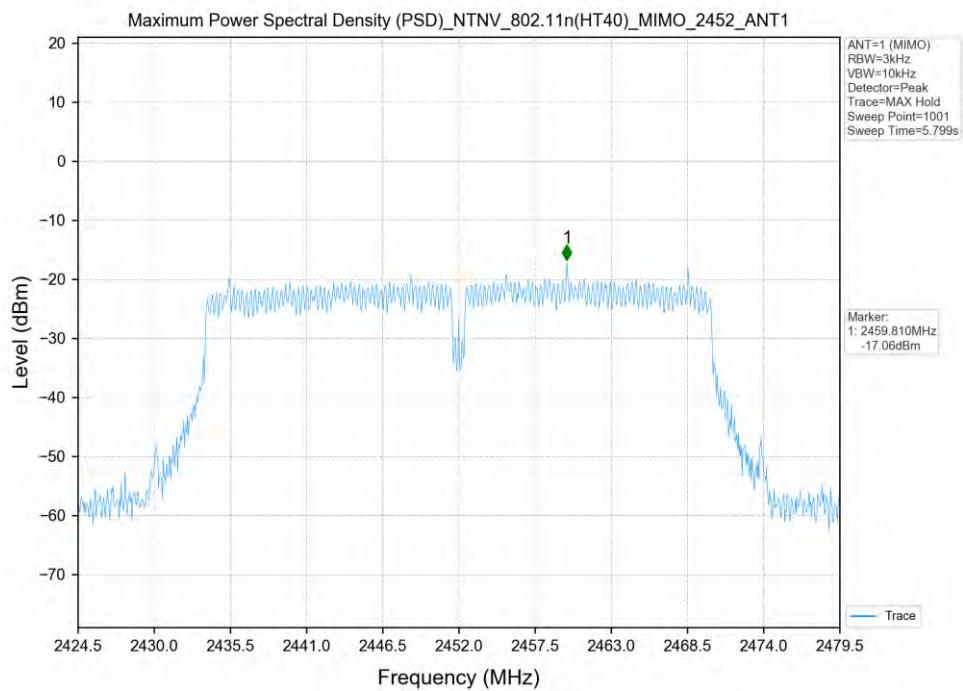
802.11n(HT40)\_2452MHz\_SISO\_ANT1



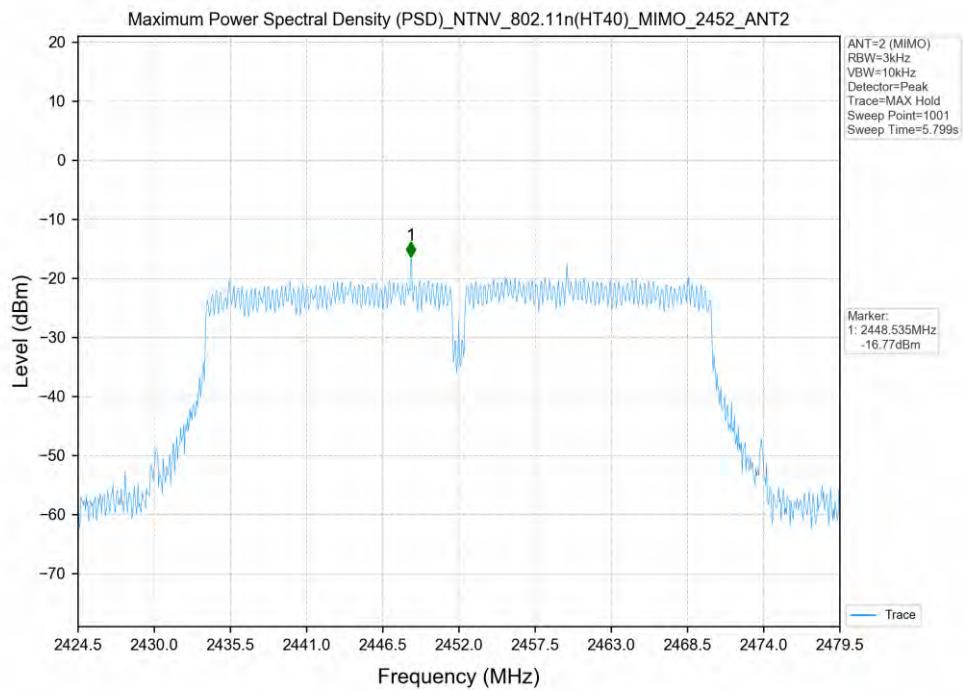
802.11n(HT40)\_2452MHz\_SISO\_ANT2



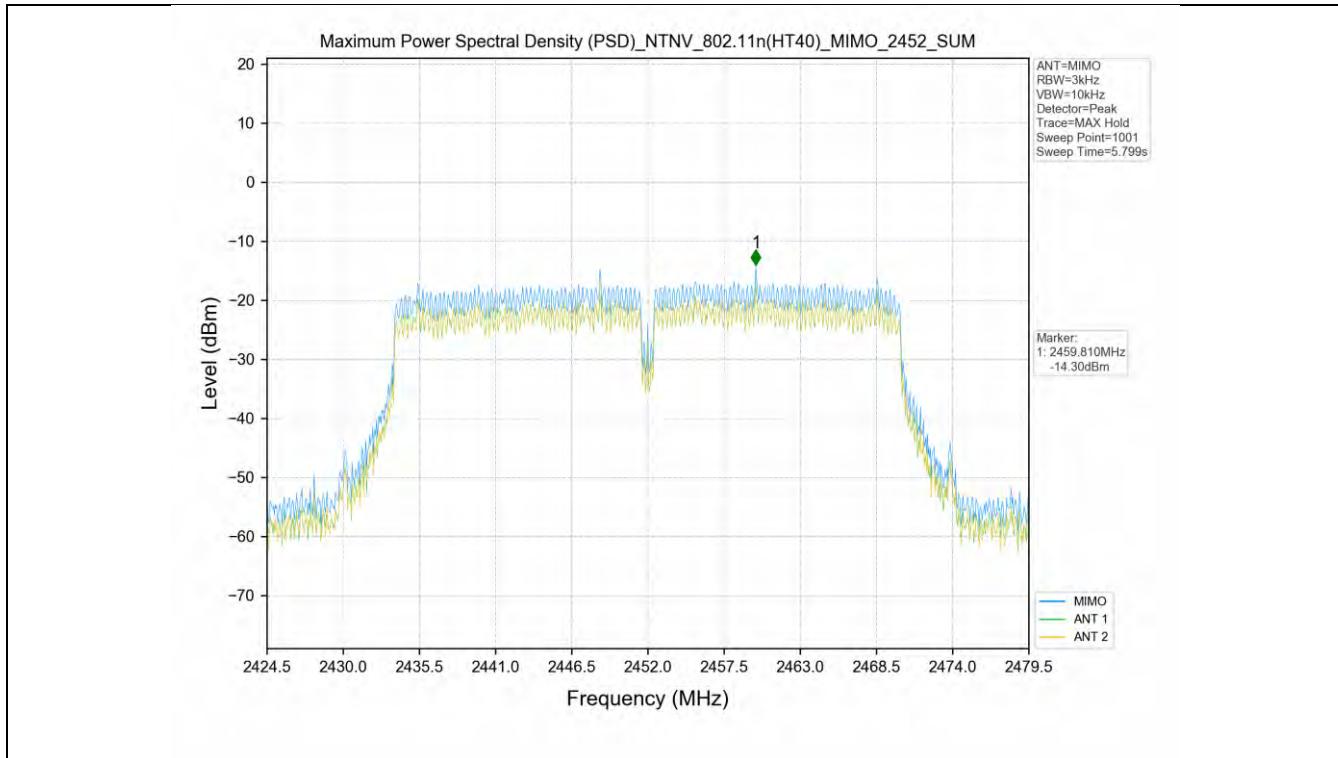
802.11n(HT40)\_2452MHz\_MIMO\_ANT1



802.11n(HT40)\_2452MHz\_MIMO\_ANT2



802.11n(HT40)\_2452MHz\_MIMO\_Total



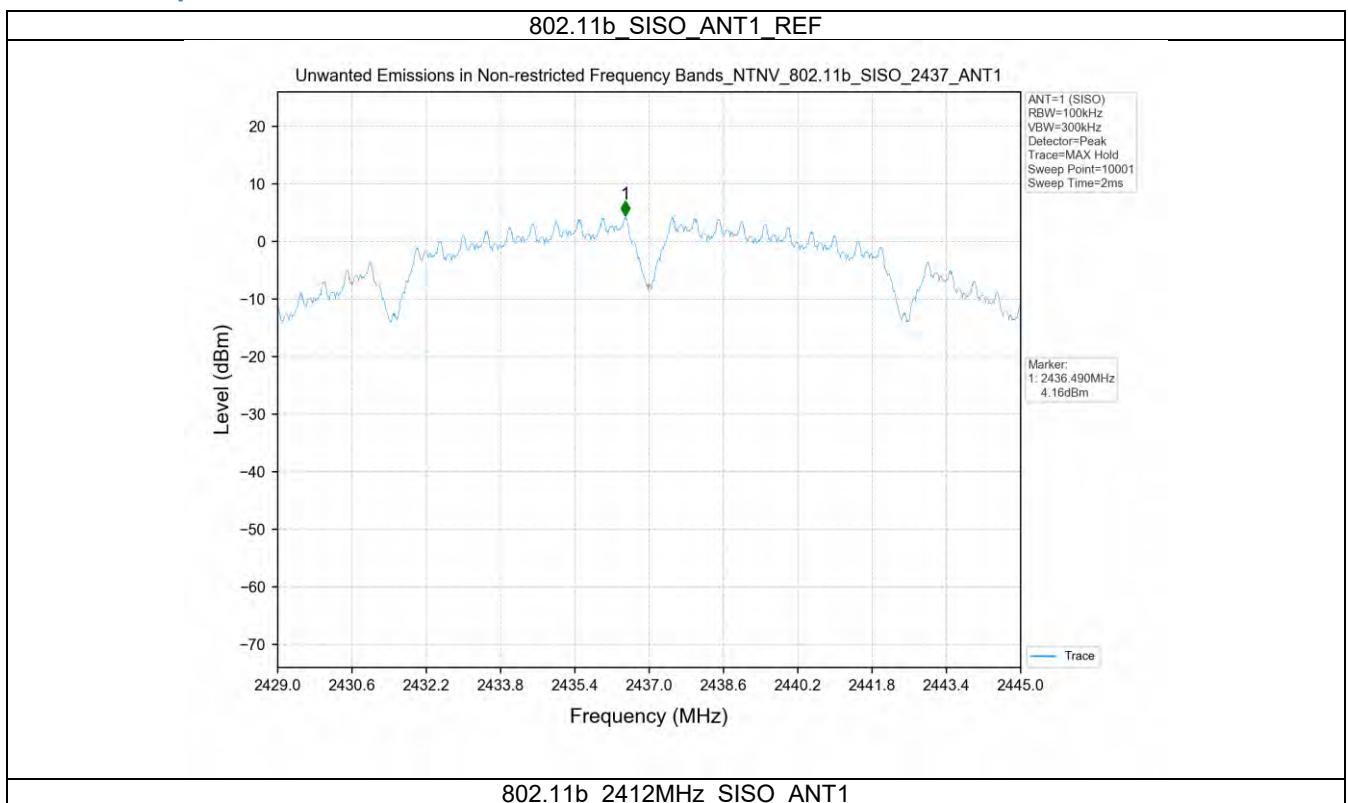
## 5. Unwanted Emissions in Non-restricted Frequency Bands

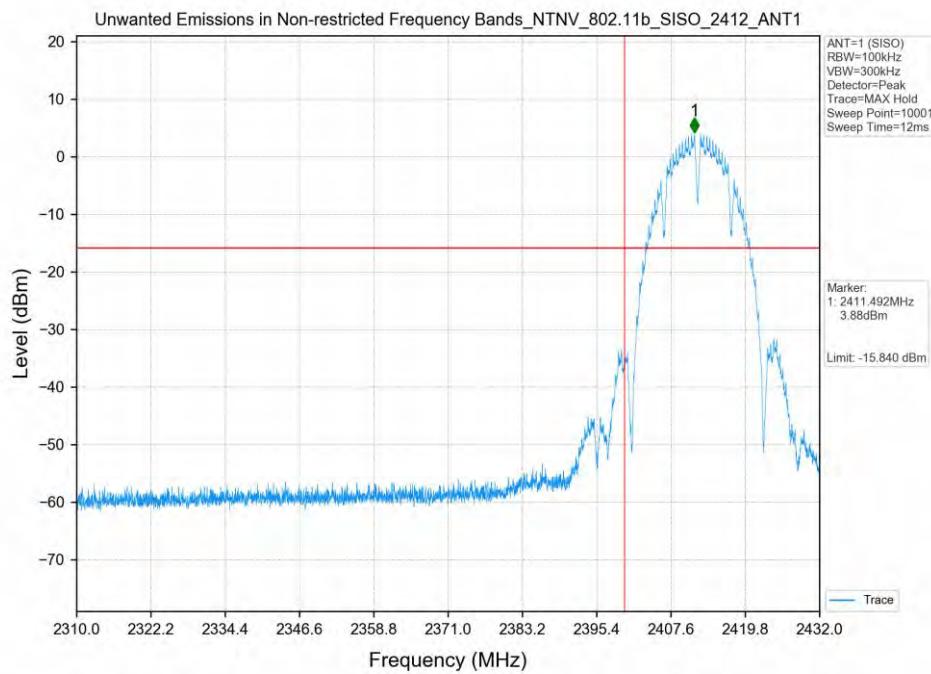
### 5.1 Test Result

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	

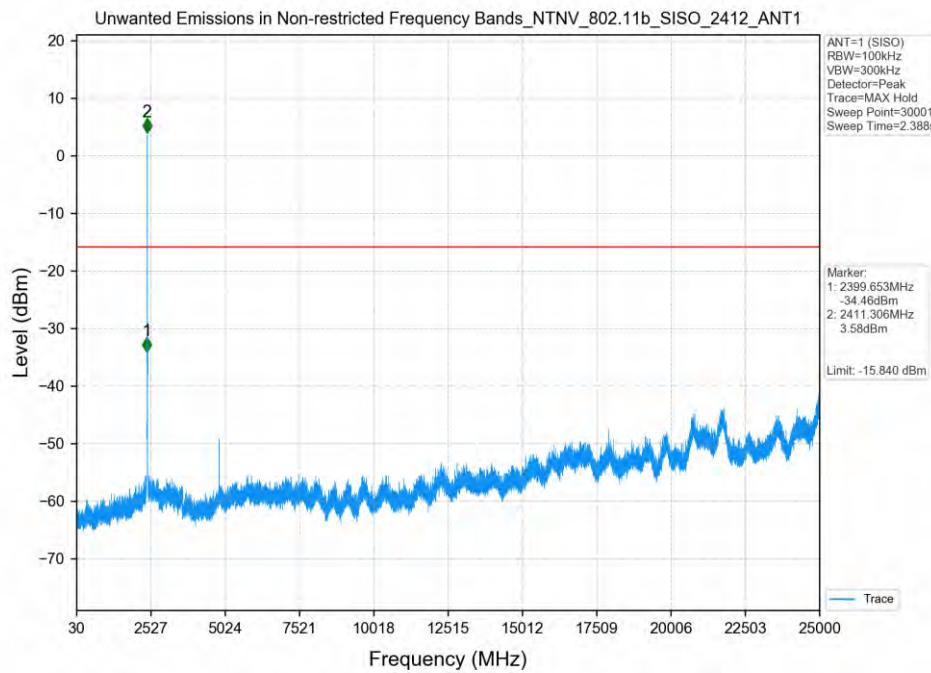
802.11n(HT40)	2422	SISO	1	Refer to test graph	$\leq -30$	pass
			2	Refer to test graph	$\leq -30$	pass
		MIMO	0	Refer to test graph	$\leq -30$	pass
	2437	SISO	1	Refer to test graph	$\leq -30$	pass
			2	Refer to test graph	$\leq -30$	pass
		MIMO	0	Refer to test graph	$\leq -30$	pass
	2452	SISO	1	Refer to test graph	$\leq -30$	pass
			2	Refer to test graph	$\leq -30$	pass
		MIMO	0	Refer to test graph	$\leq -30$	pass

## 1.2 Test Graph

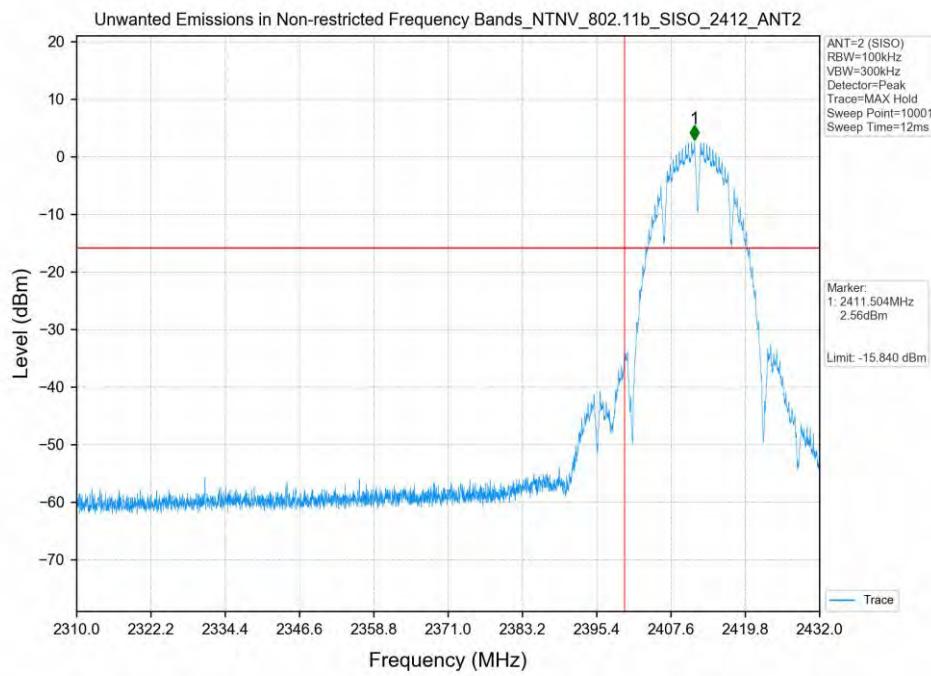




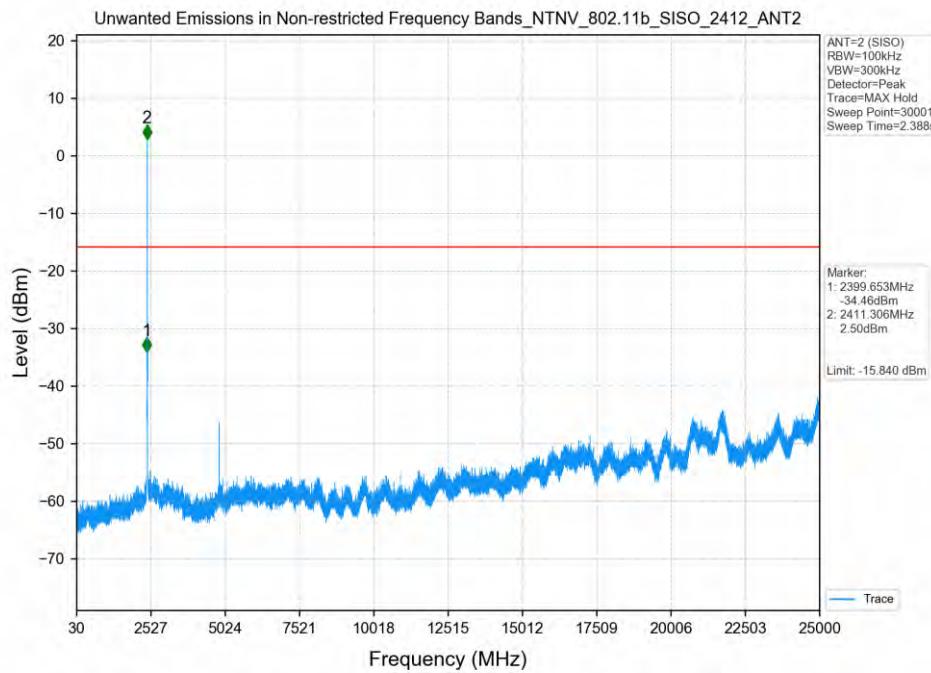
802.11b\_2412MHz\_SISO\_ANT1



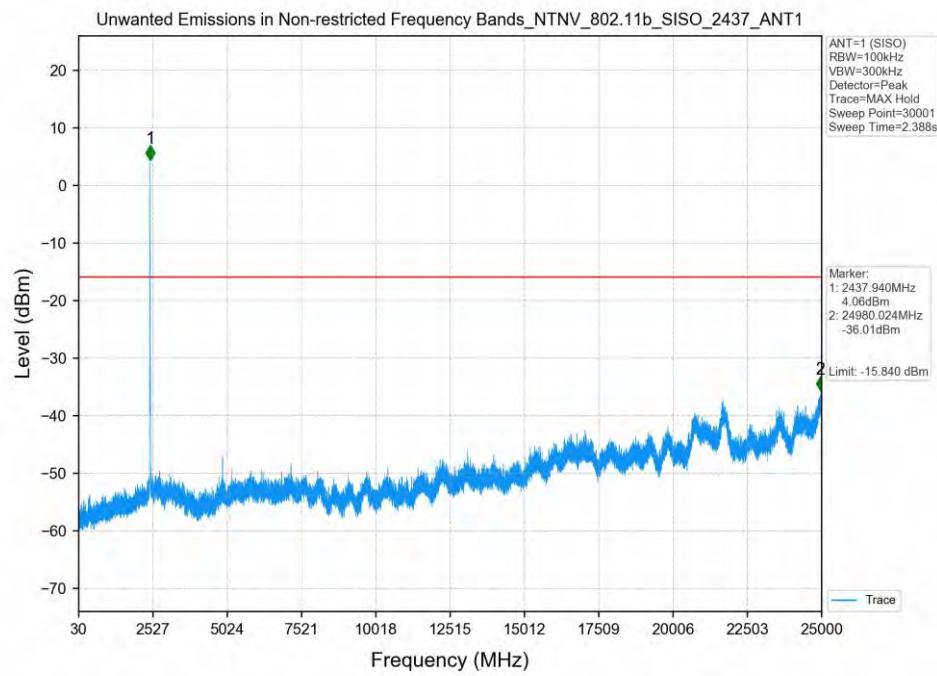
802.11b\_2412MHz\_SISO\_ANT2



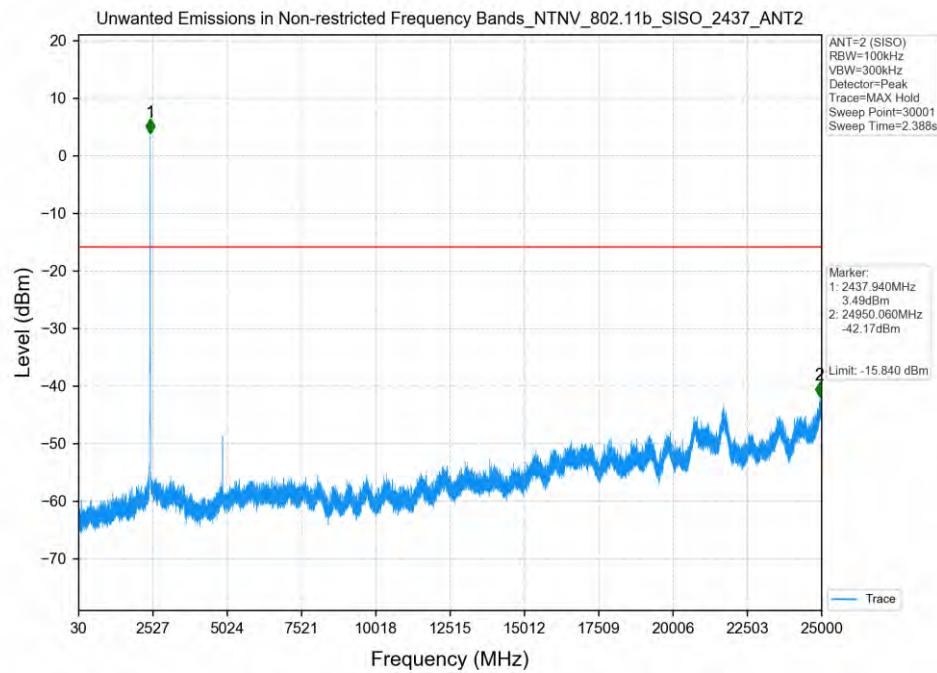
802.11b\_2412MHz\_SISO\_ANT2



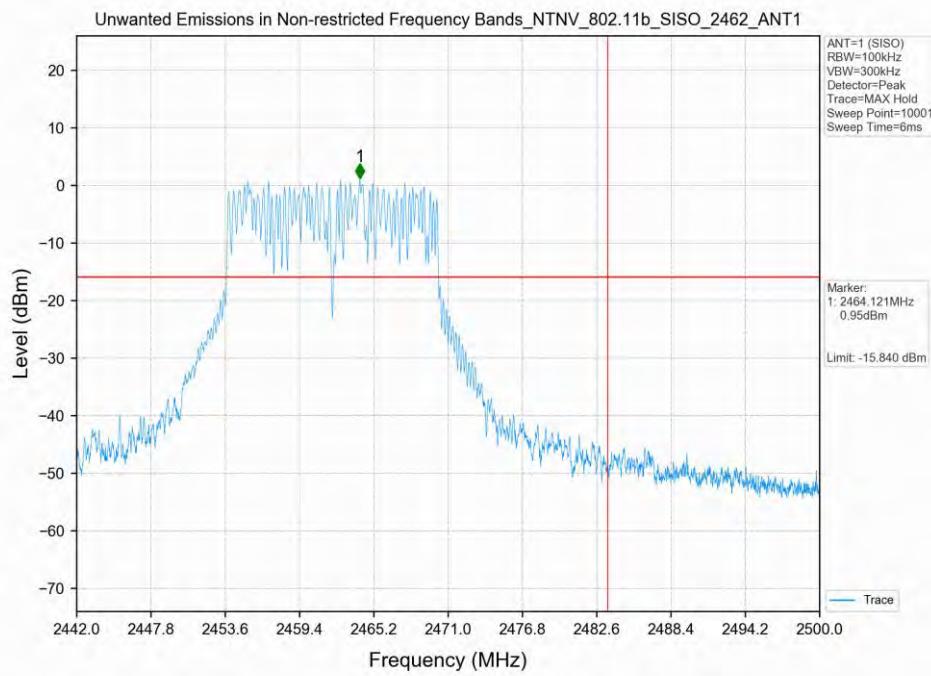
802.11b\_2437MHz\_SISO\_ANT1



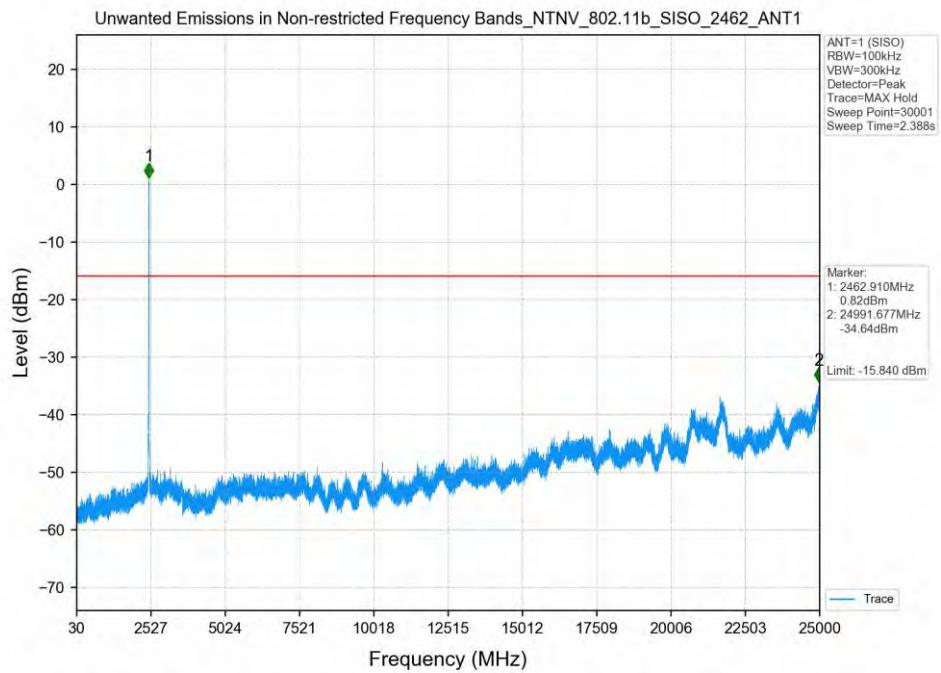
802.11b\_2437MHz\_SISO\_ANT2



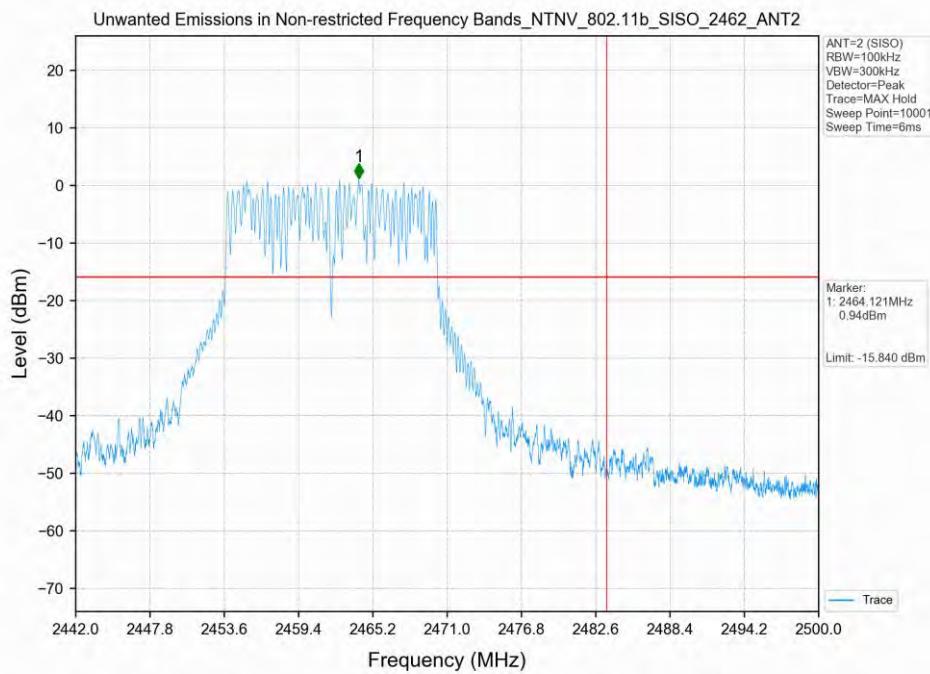
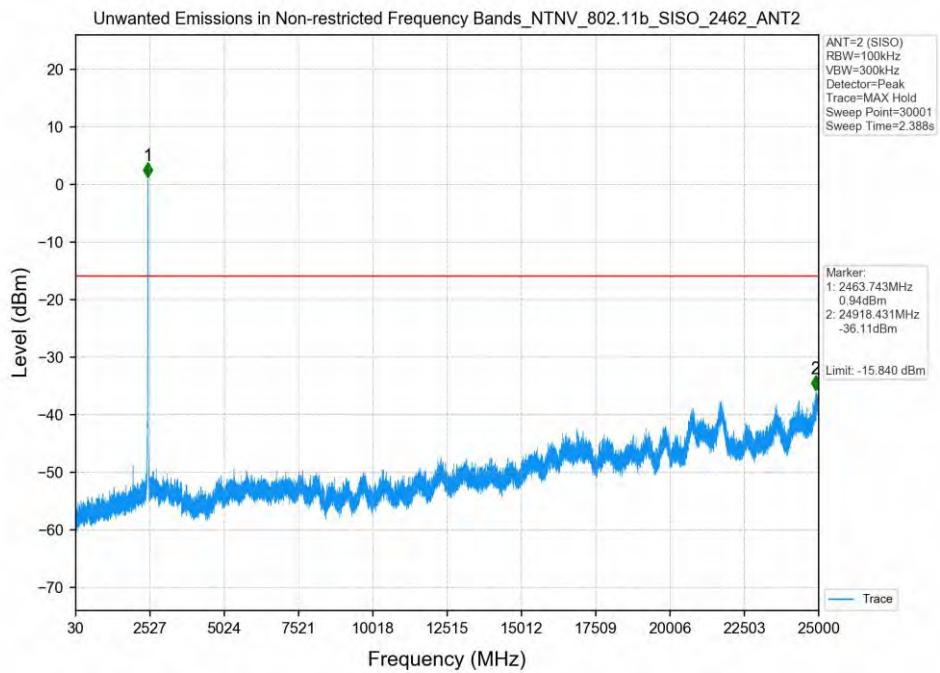
802.11b\_2462MHz\_SISO\_ANT1

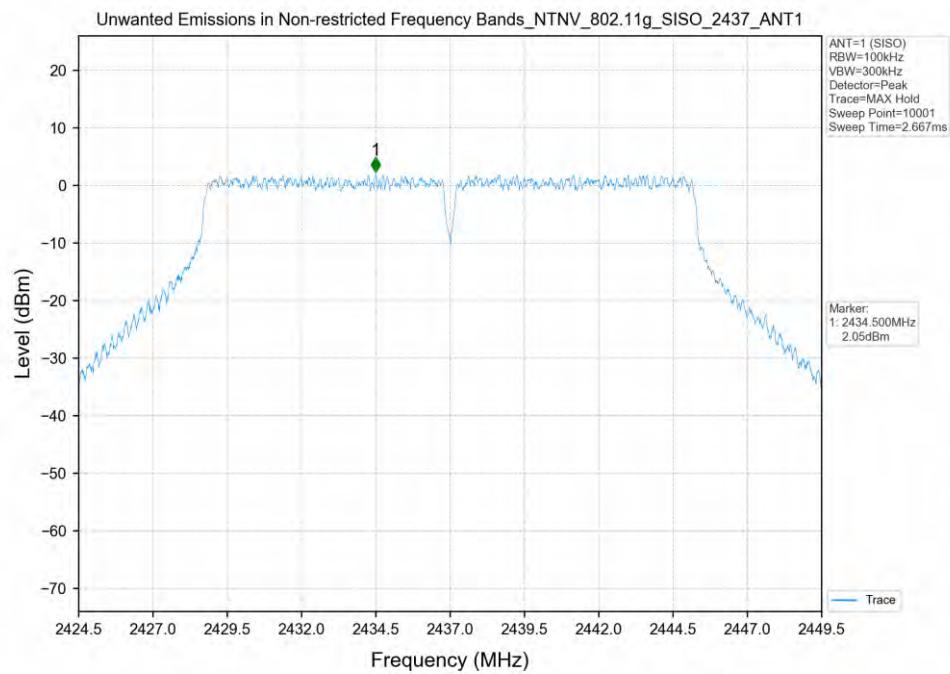


802.11b\_2462MHz\_SISO\_ANT1

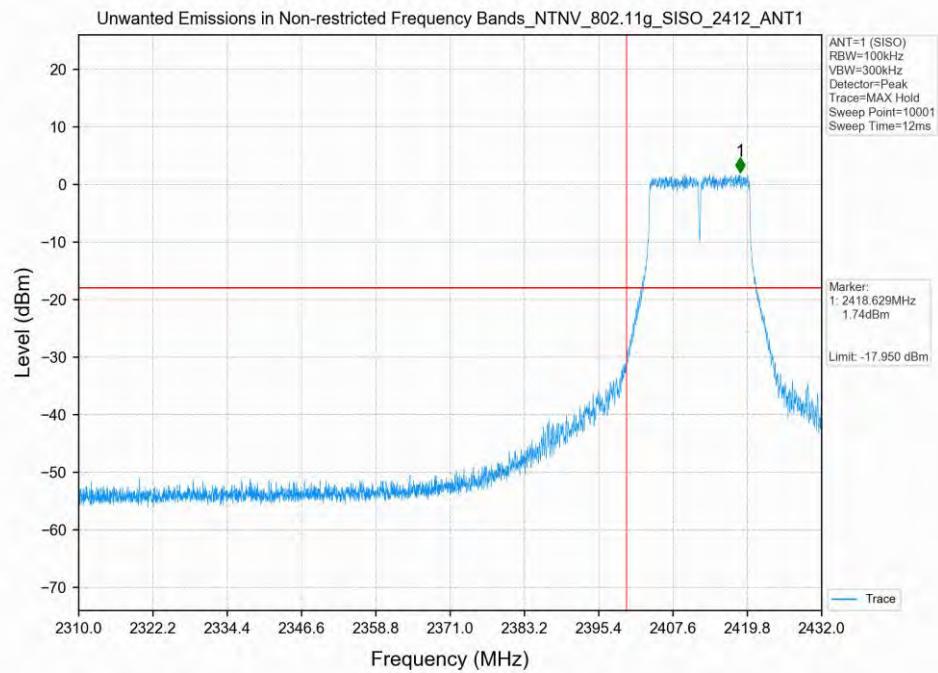


802.11b\_2462MHz\_SISO\_ANT2

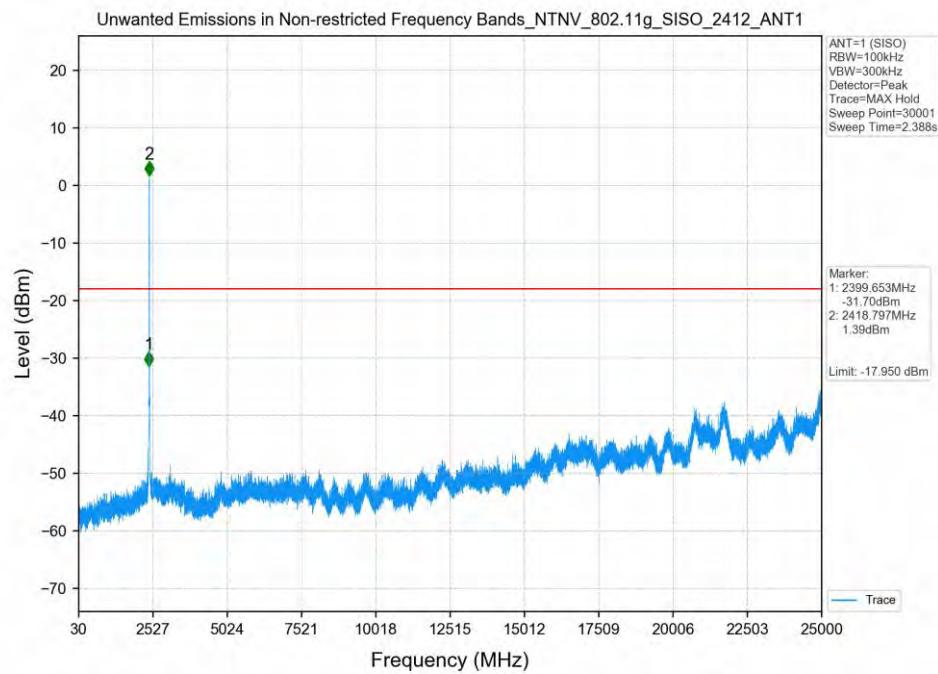
**802.11b\_2462MHz\_SISO\_ANT2****802.11g\_SISO\_ANT1\_REF**



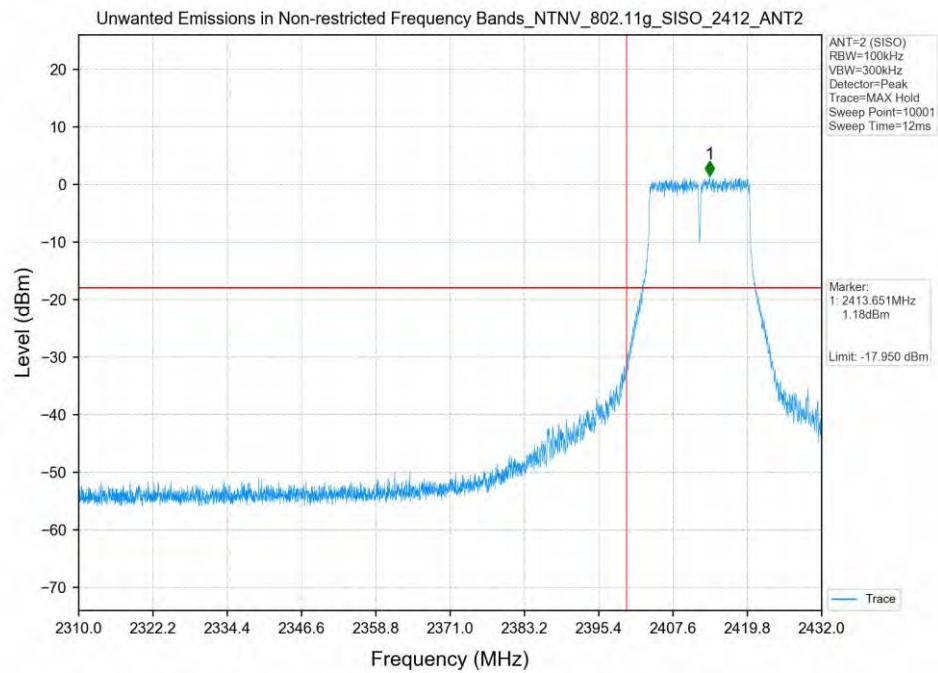
802.11g\_2412MHz\_SISO\_ANT1



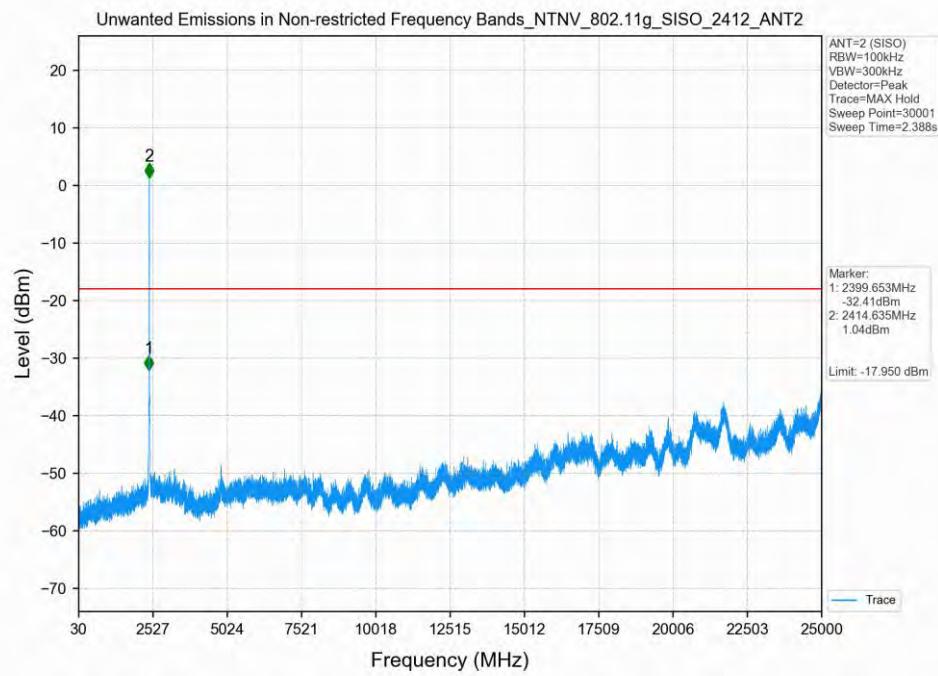
802.11g\_2412MHz\_SISO\_ANT1



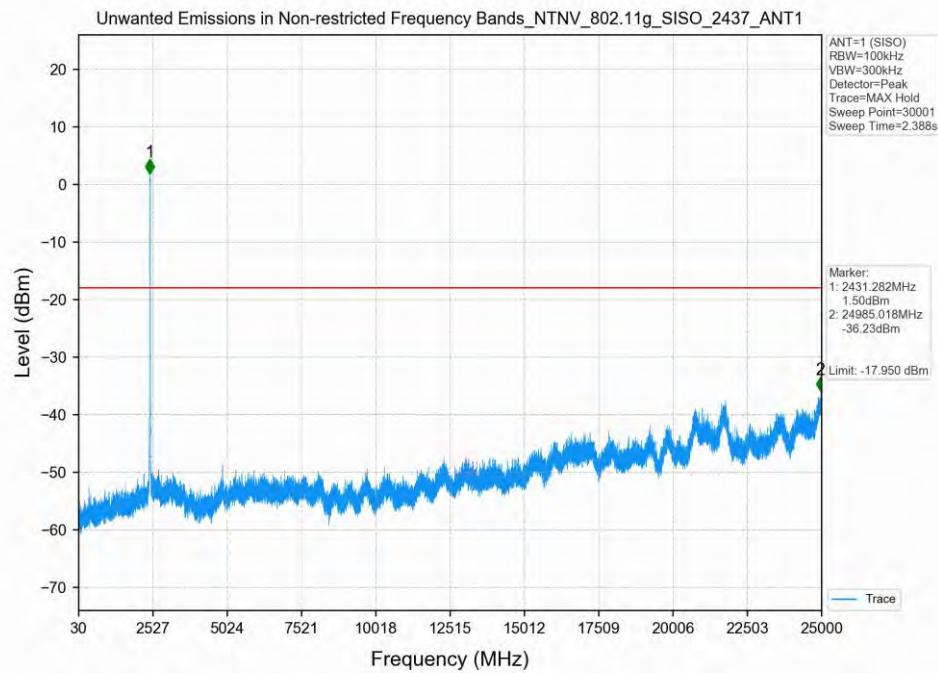
802.11g\_2412MHz\_SISO\_ANT2



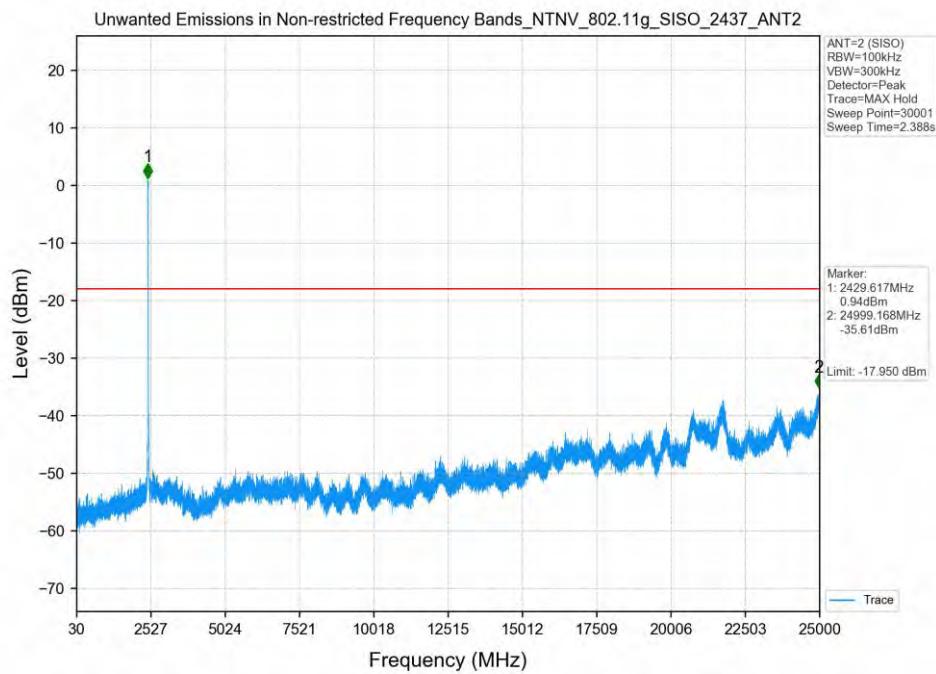
802.11g\_2412MHz\_SISO\_ANT2



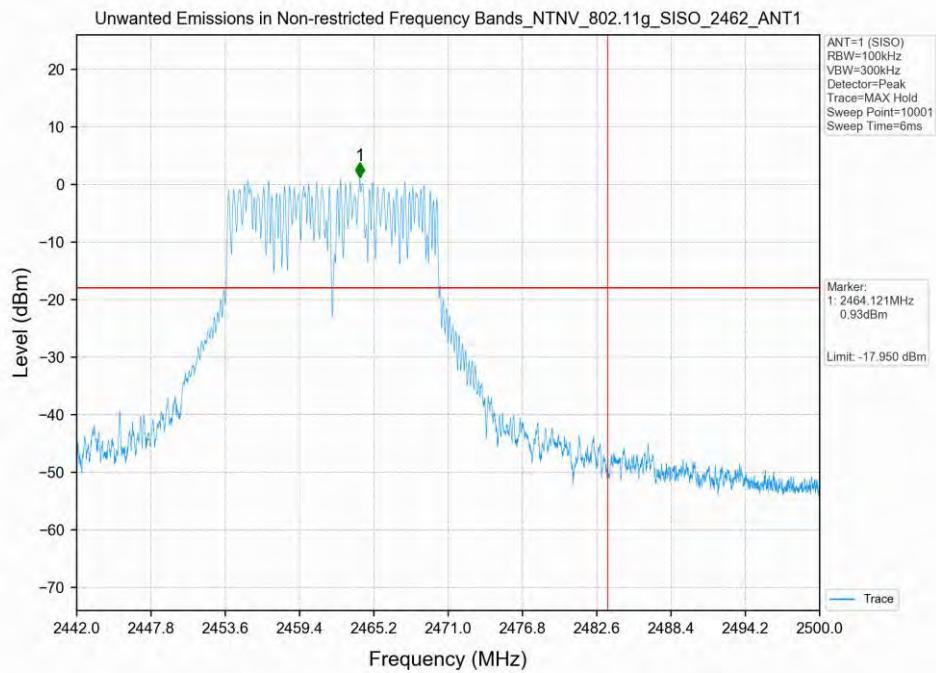
802.11g 2437MHz SISO ANT1



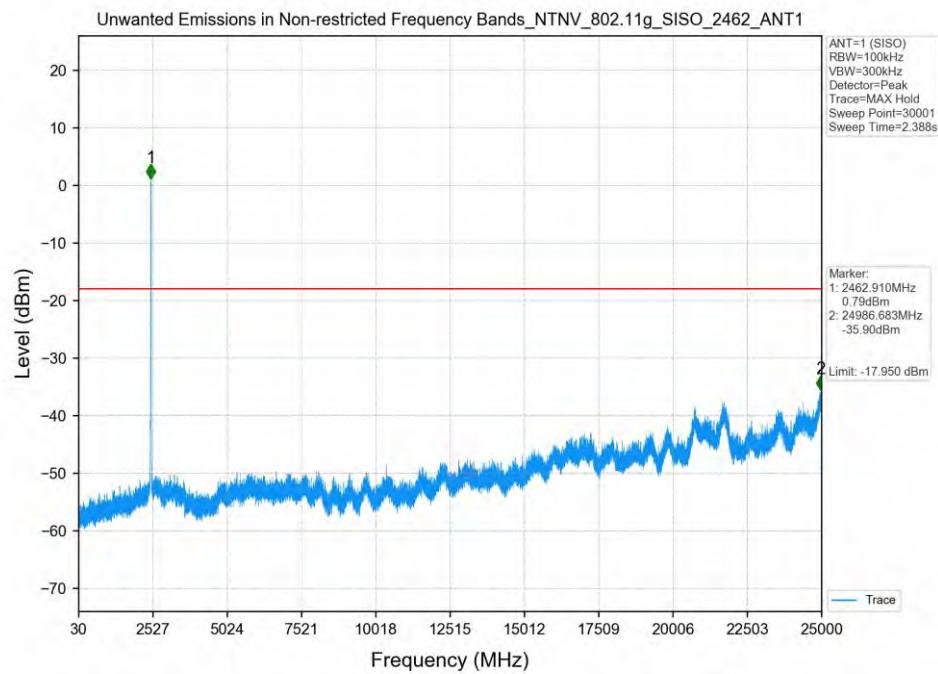
802.11g 2437MHz SISO ANT2



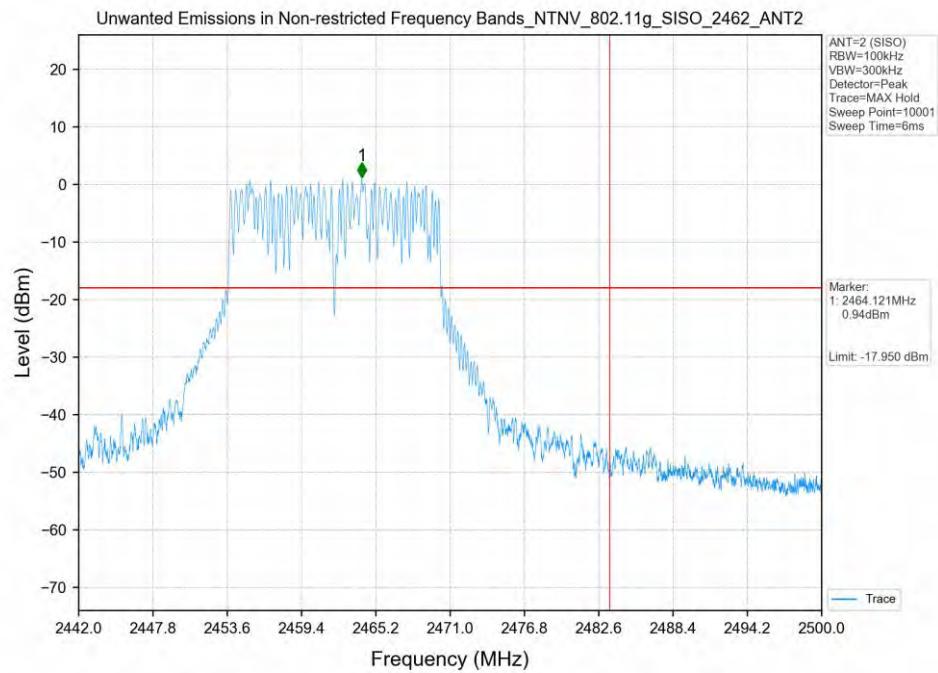
802.11g 2462MHz SISO ANT1



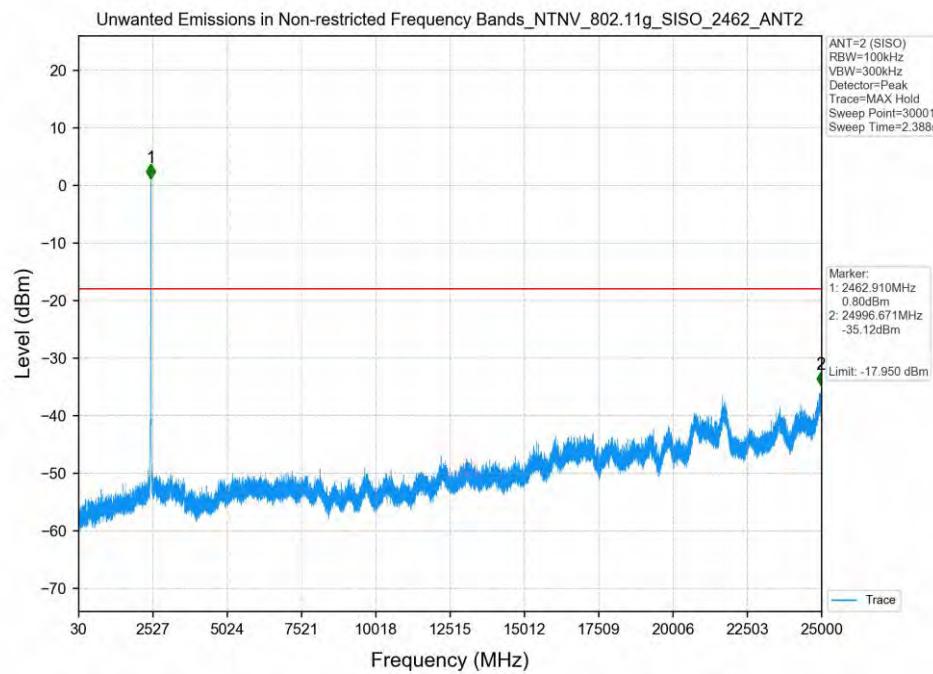
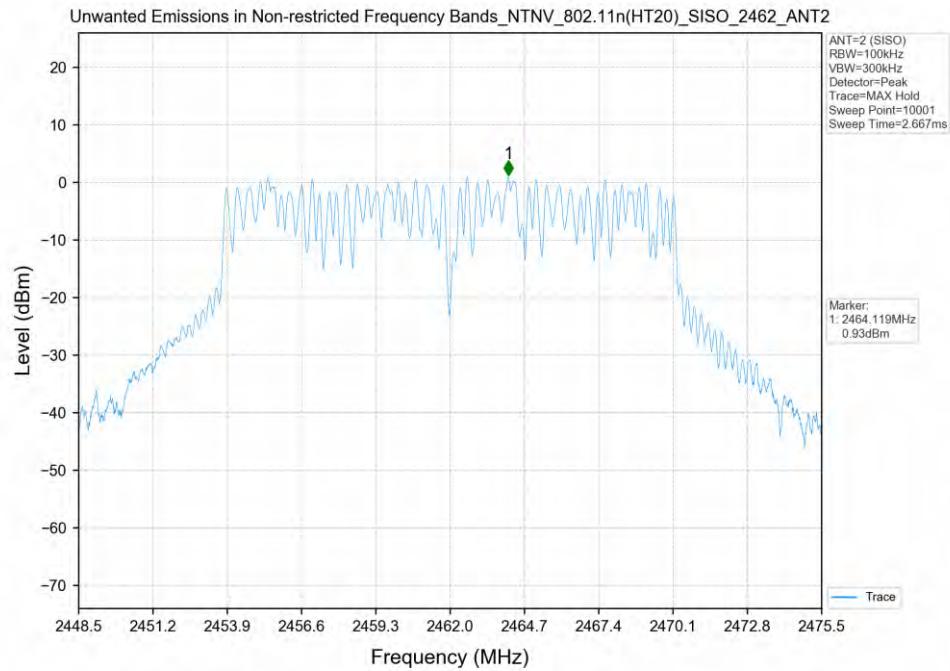
802.11g 2462MHz SISO ANT1

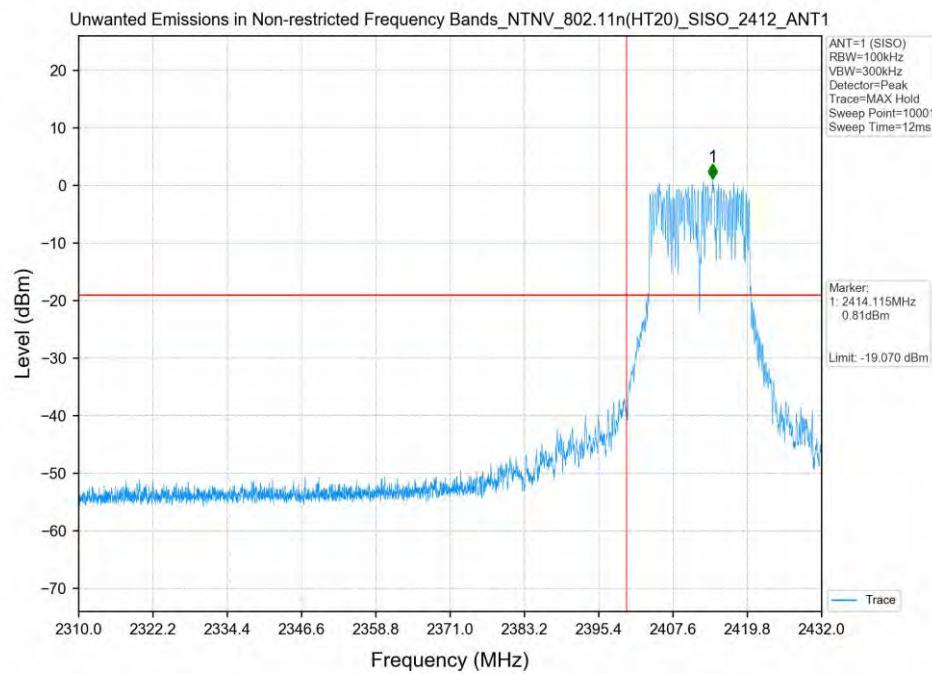
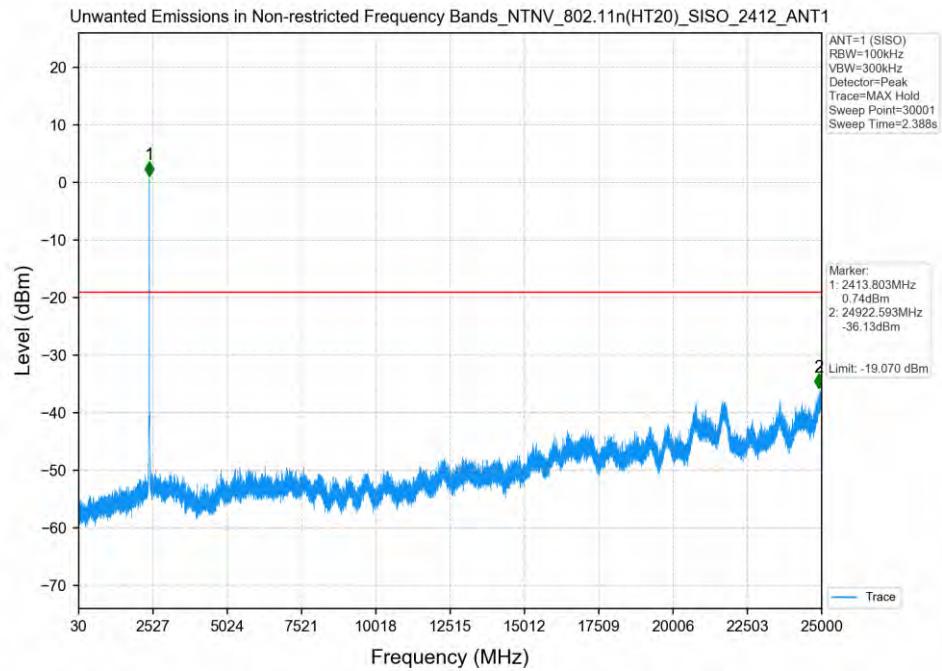


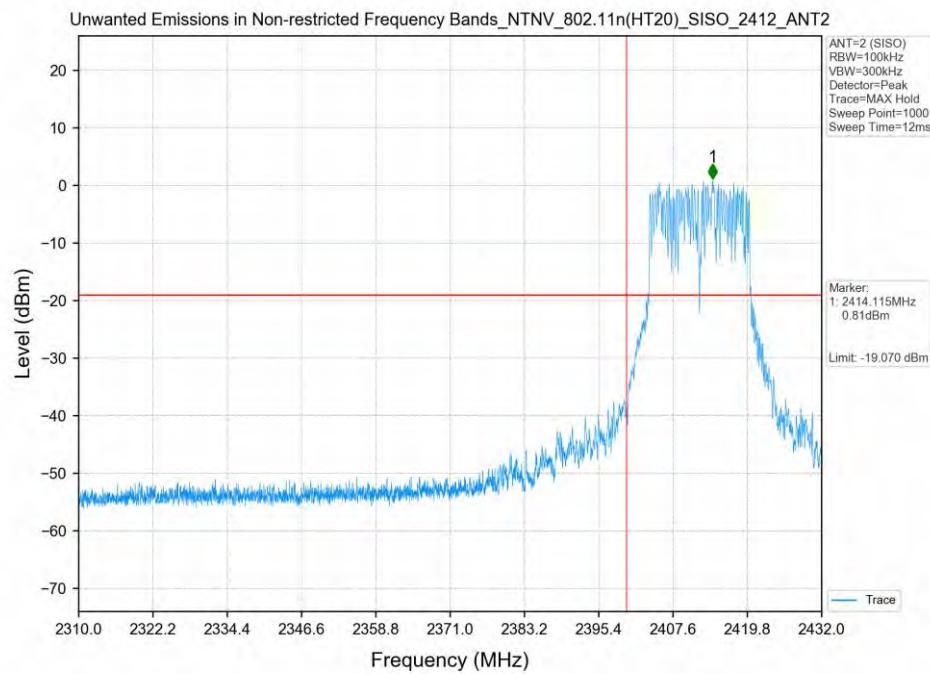
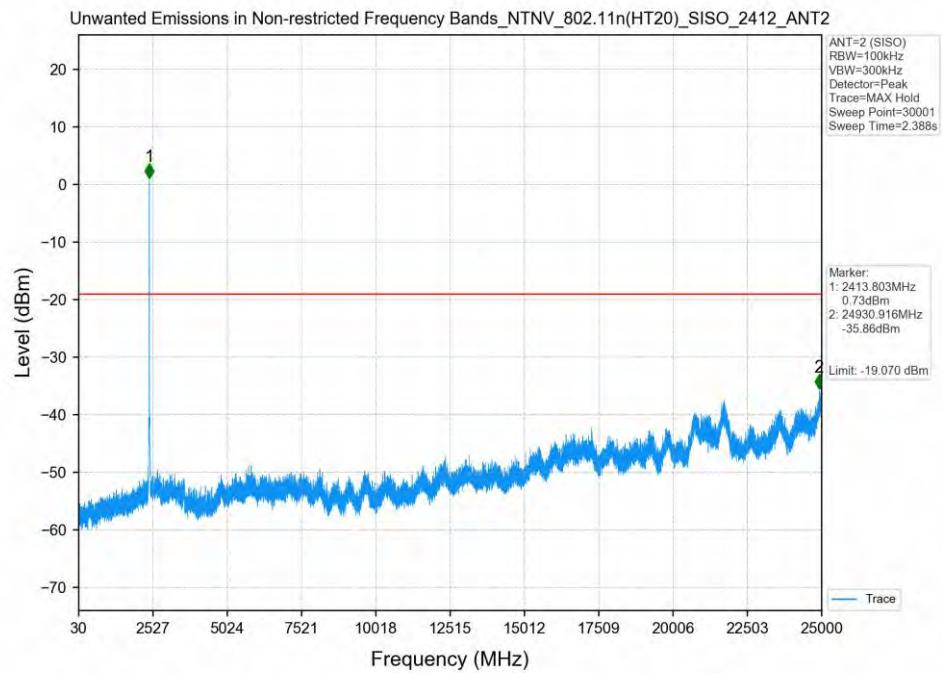
802.11g 2462MHz SISO ANT2

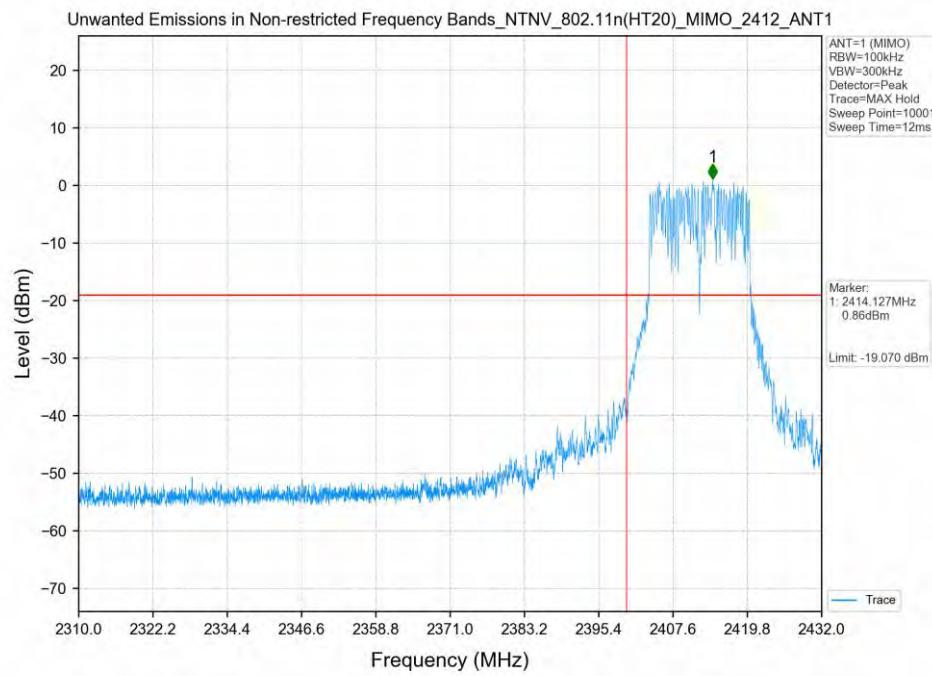
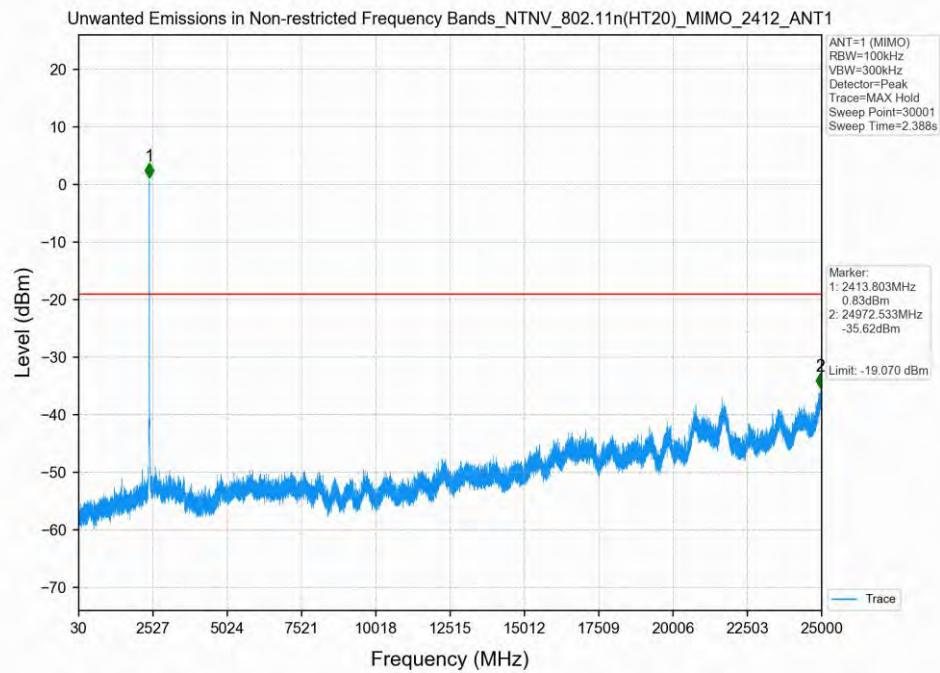


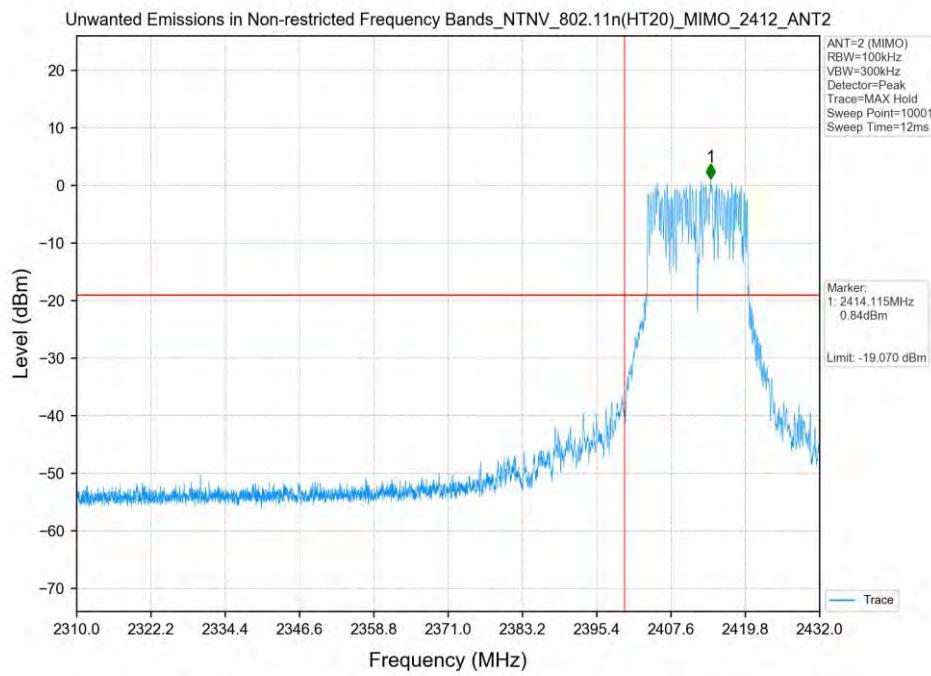
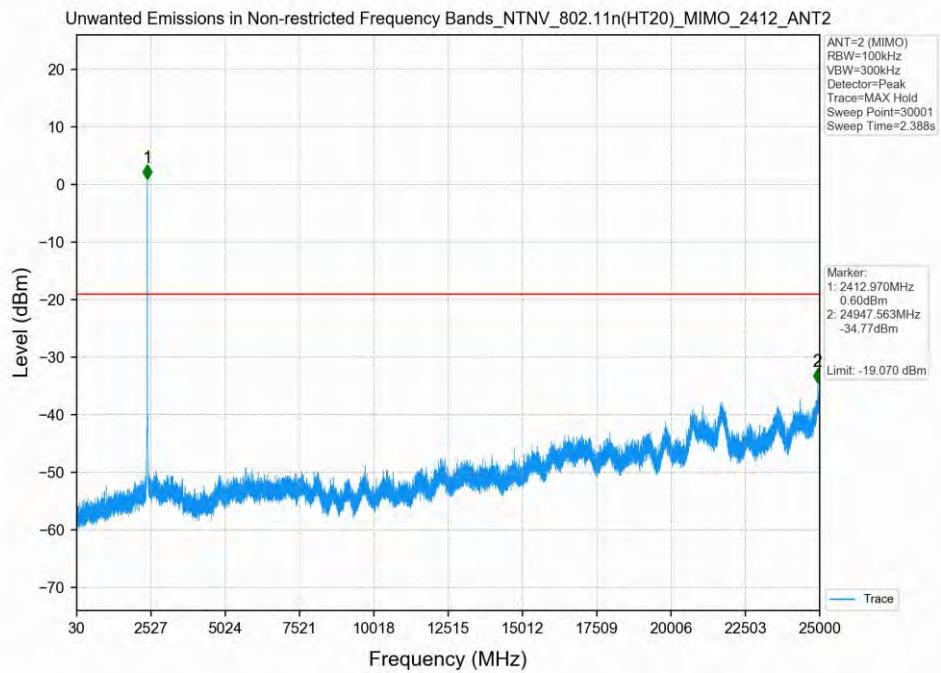
802.11g 2462MHz SISO ANT2

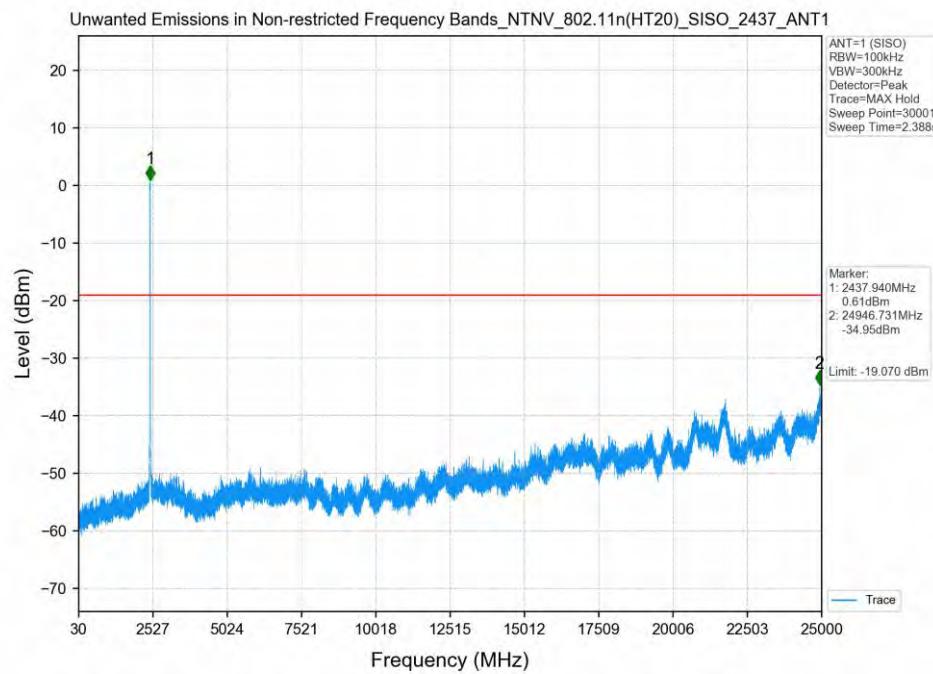
**802.11n(HT20) SISO ANT2 REF****802.11n(HT20) 2412MHz SISO ANT1**

**802.11n(HT20) 2412MHz SISO ANT1****802.11n(HT20) 2412MHz SISO ANT2**

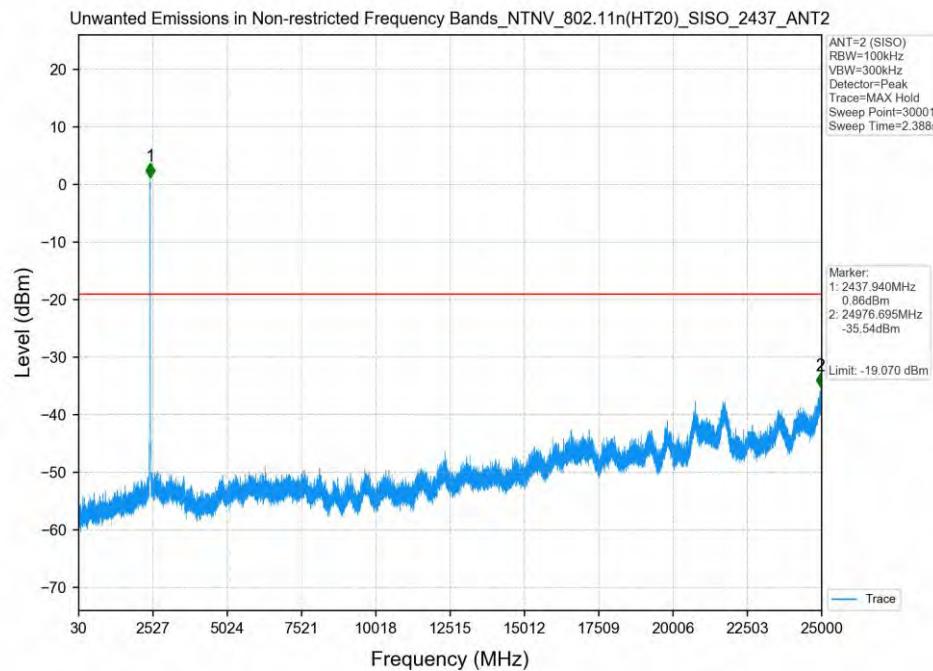
**802.11n(HT20) 2412MHz SISO ANT2****802.11n(HT20) 2412MHz MIMO Total**

**802.11n(HT20) 2412MHz MIMO Total****802.11n(HT20) 2412MHz MIMO Total**

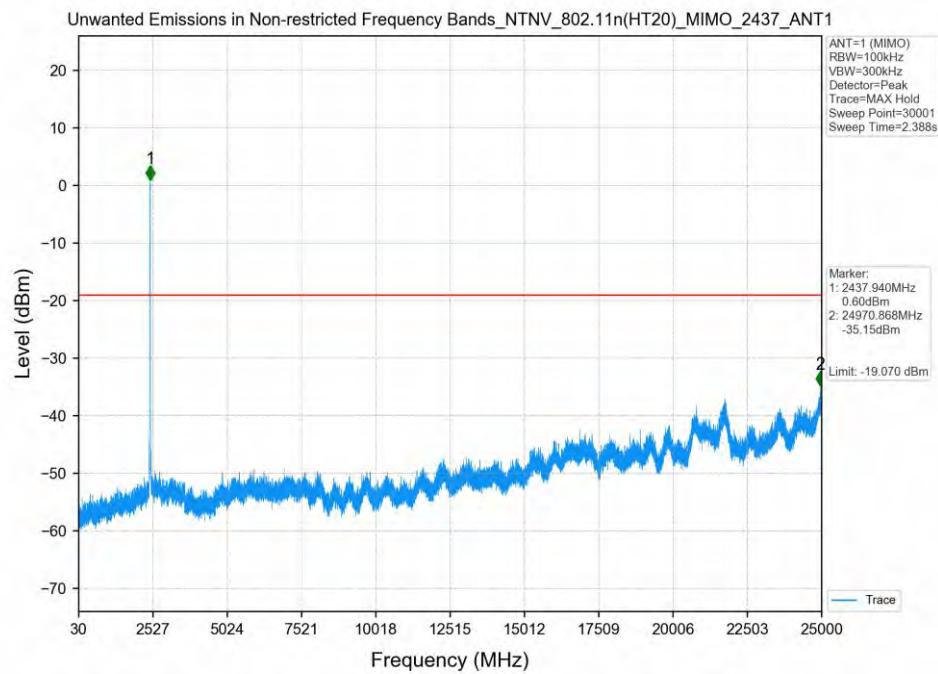
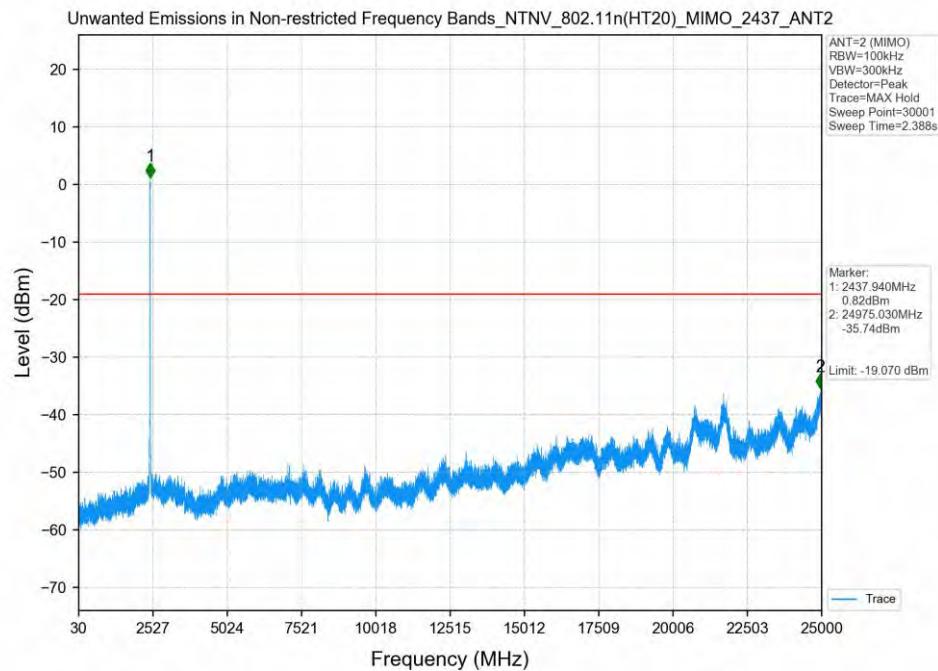
**802.11n(HT20) 2412MHz MIMO Total****802.11n(HT20) 2437MHz SISO ANT1**

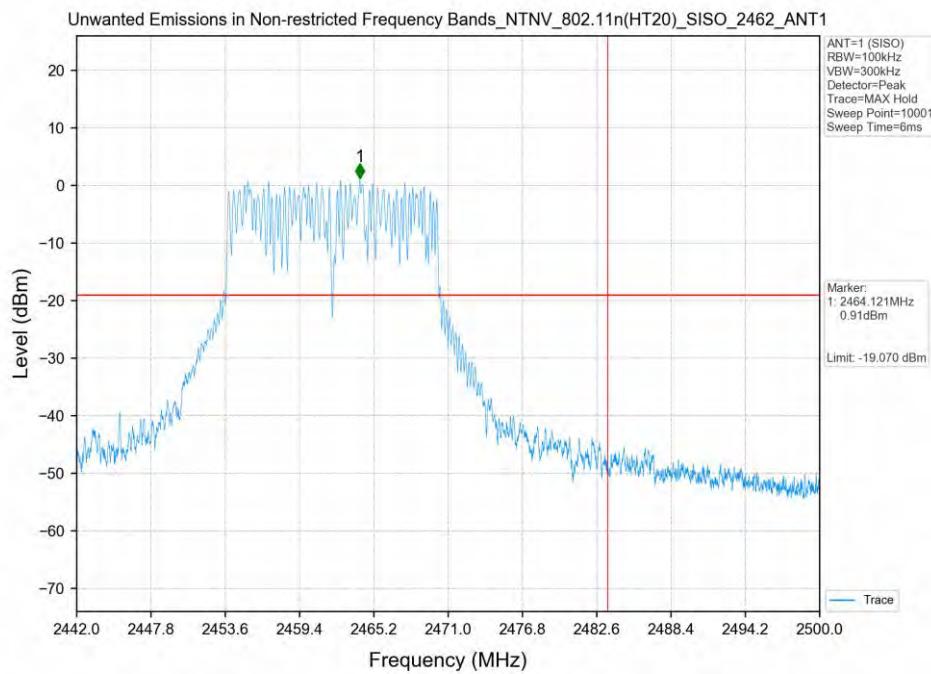


802.11n(HT20) 2437MHz SISO ANT2

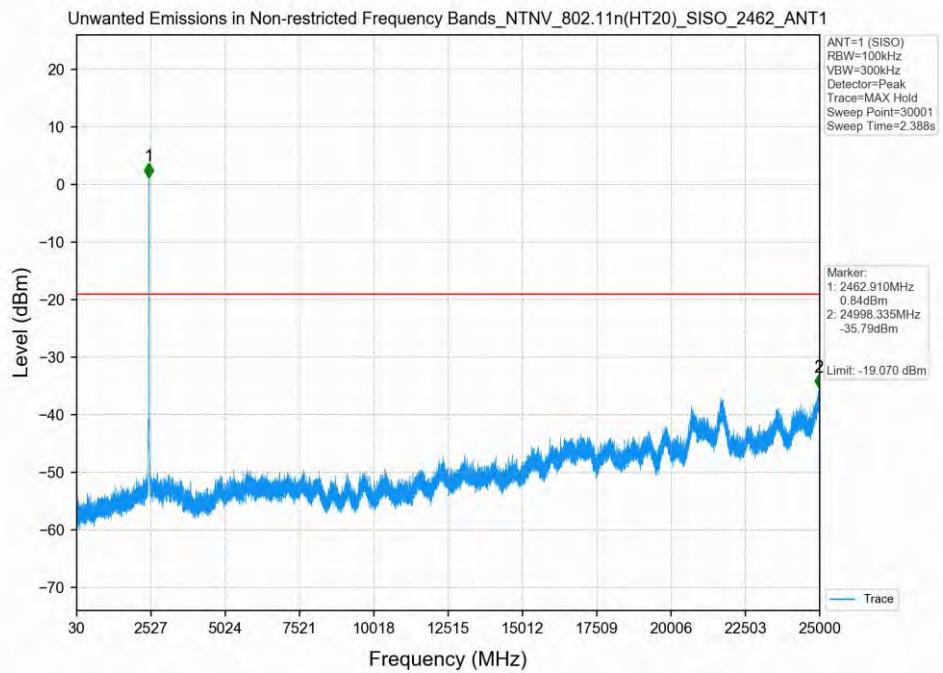


802.11n(HT20) 2437MHz MIMO Total

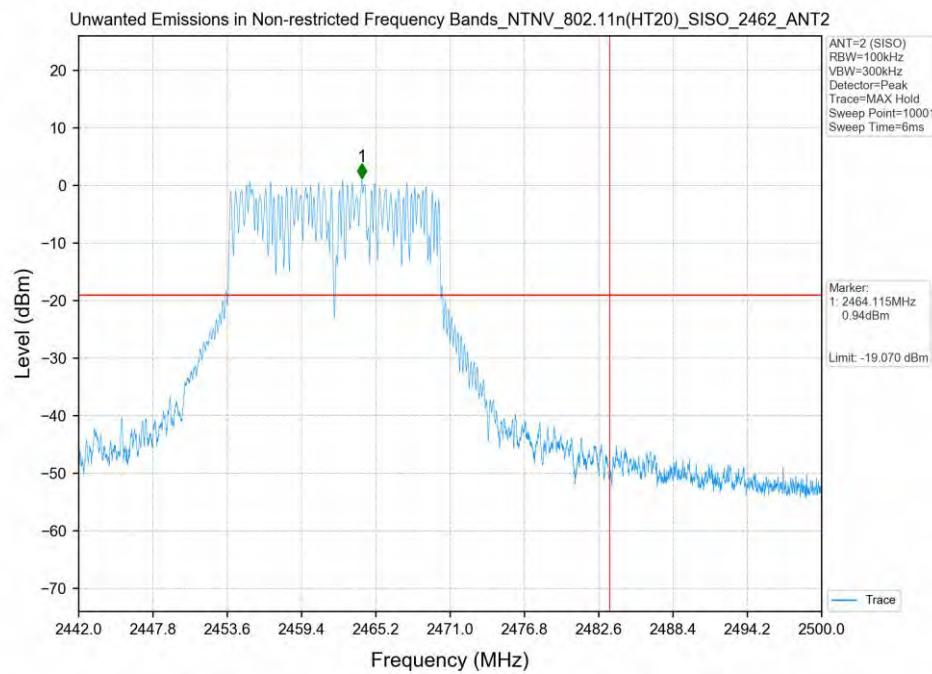
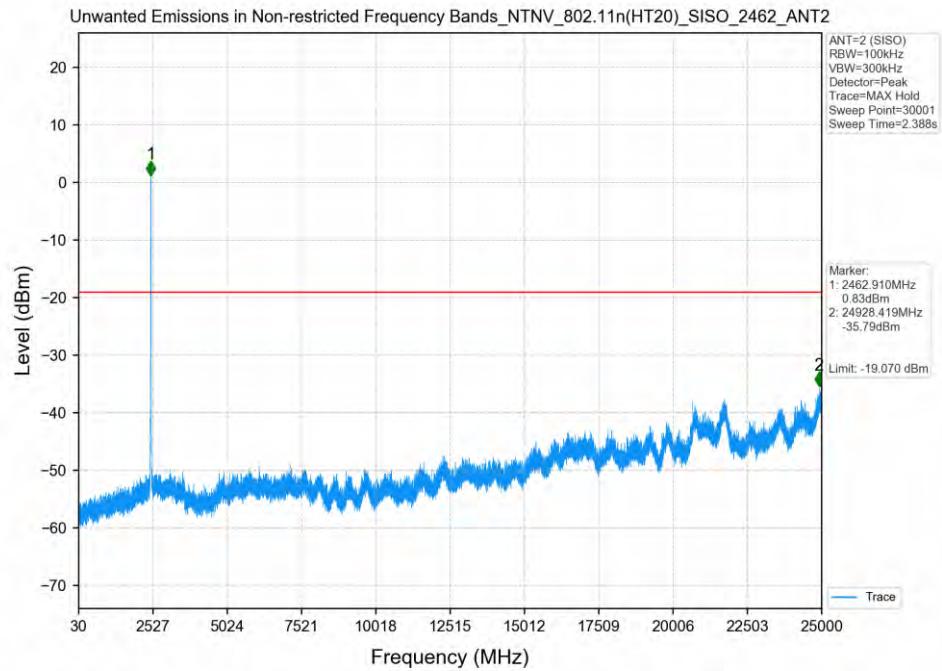
**802.11n(HT20) 2437MHz MIMO Total****802.11n(HT20) 2462MHz SISO ANT1**

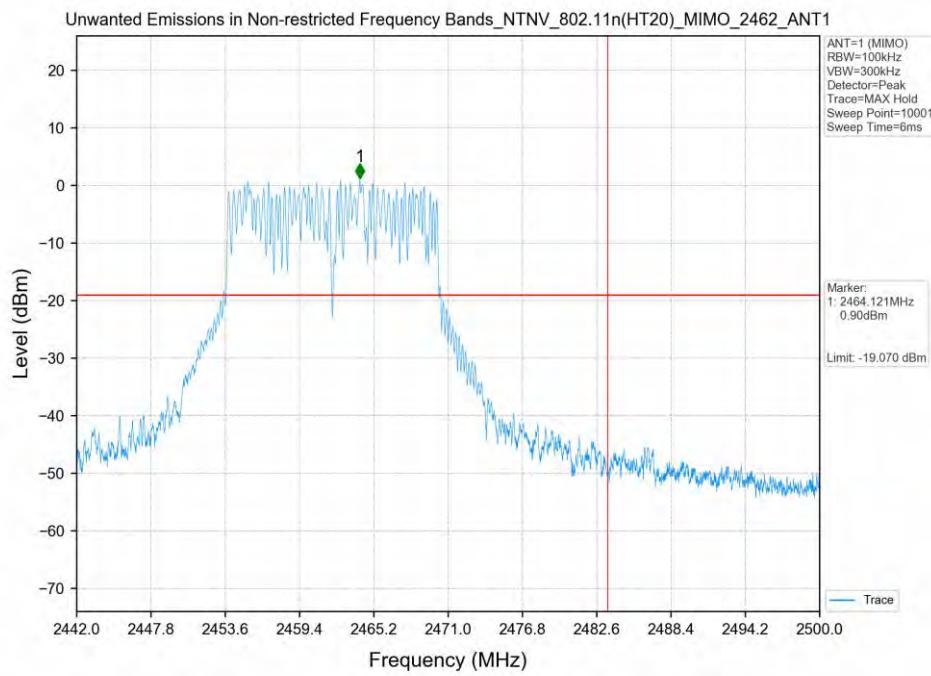
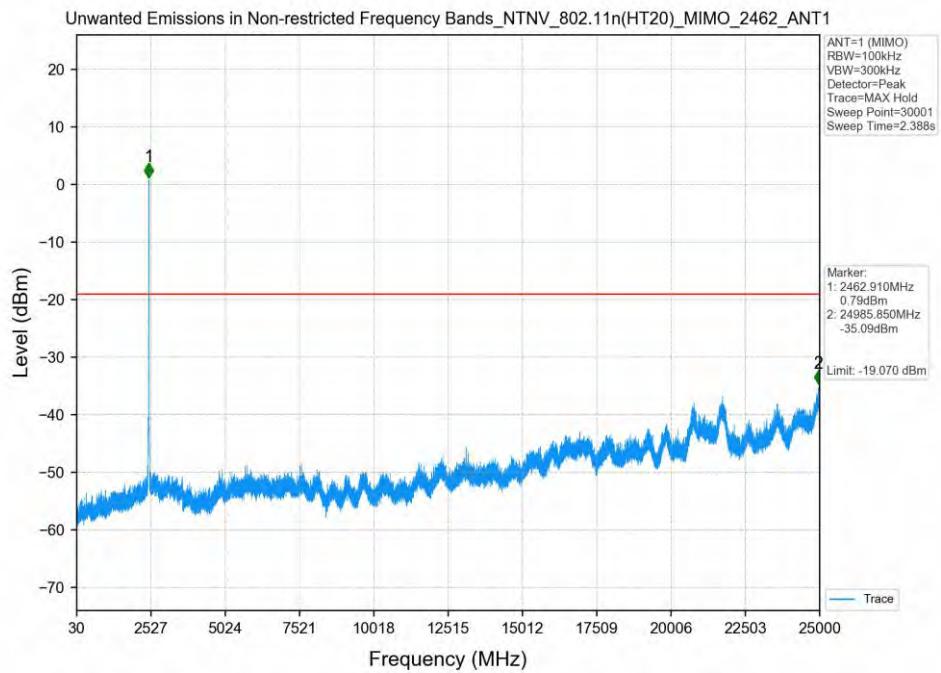


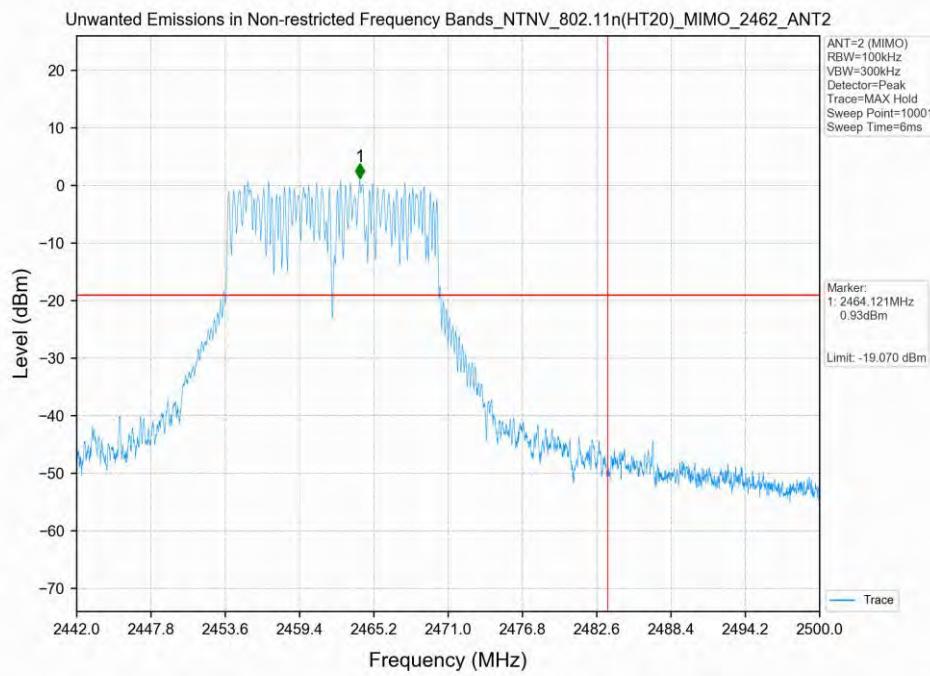
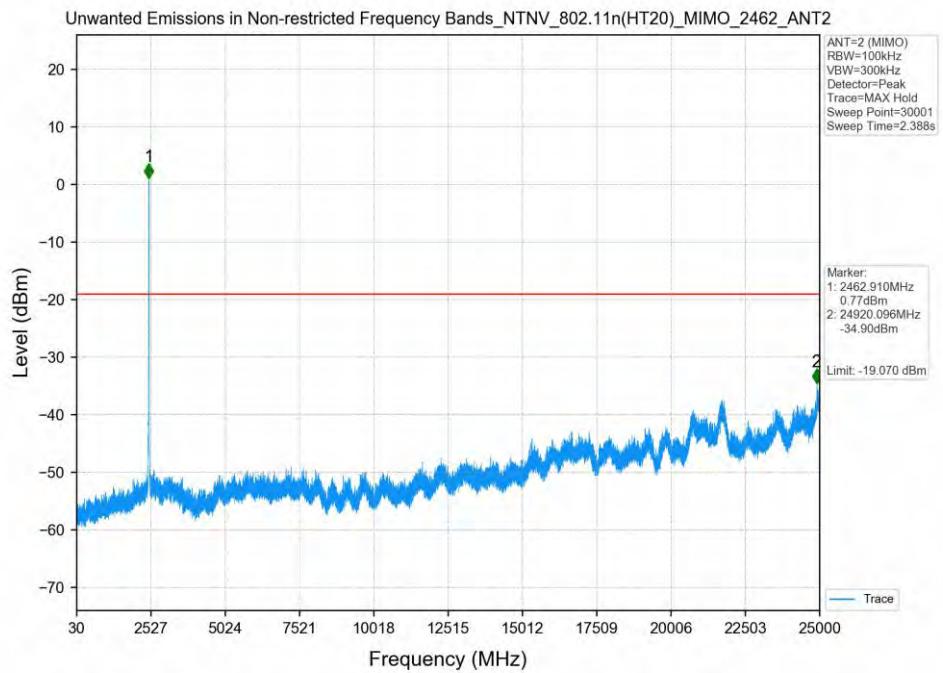
802.11n(HT20) 2462MHz SISO ANT1

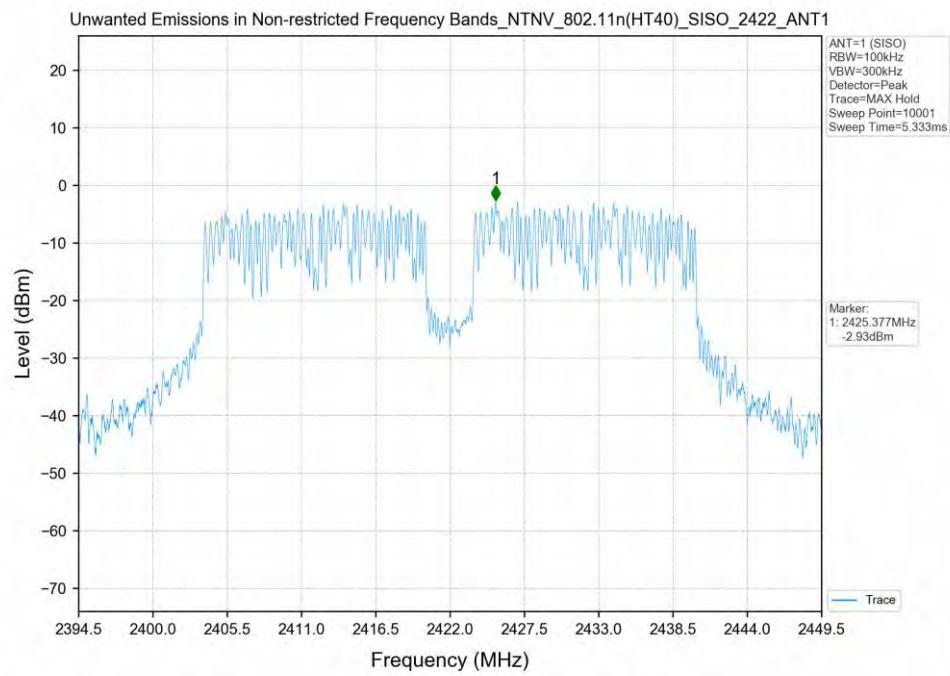
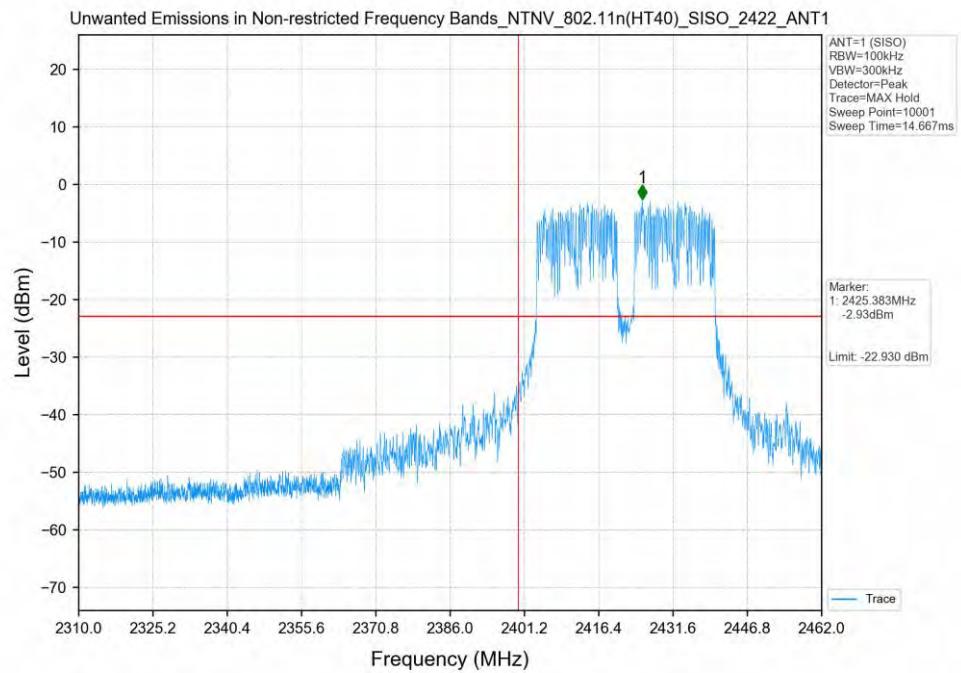


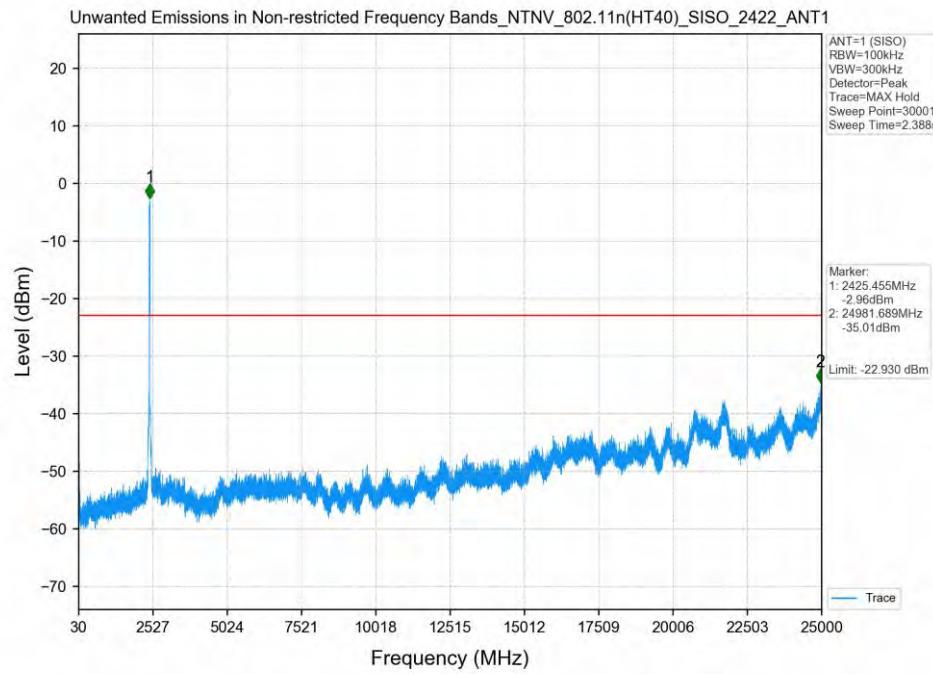
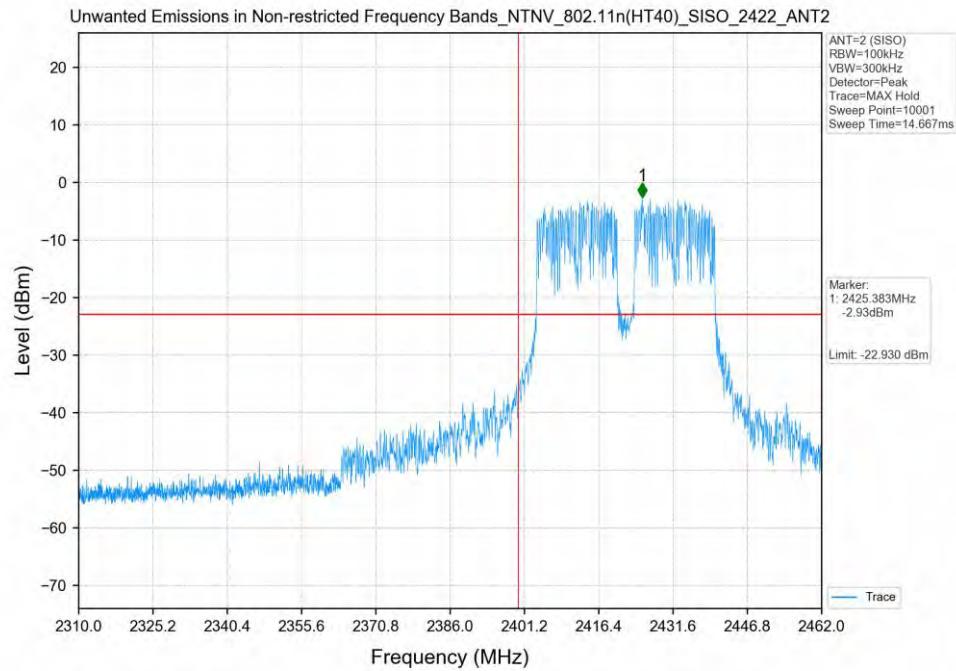
802.11n(HT20) 2462MHz SISO ANT2

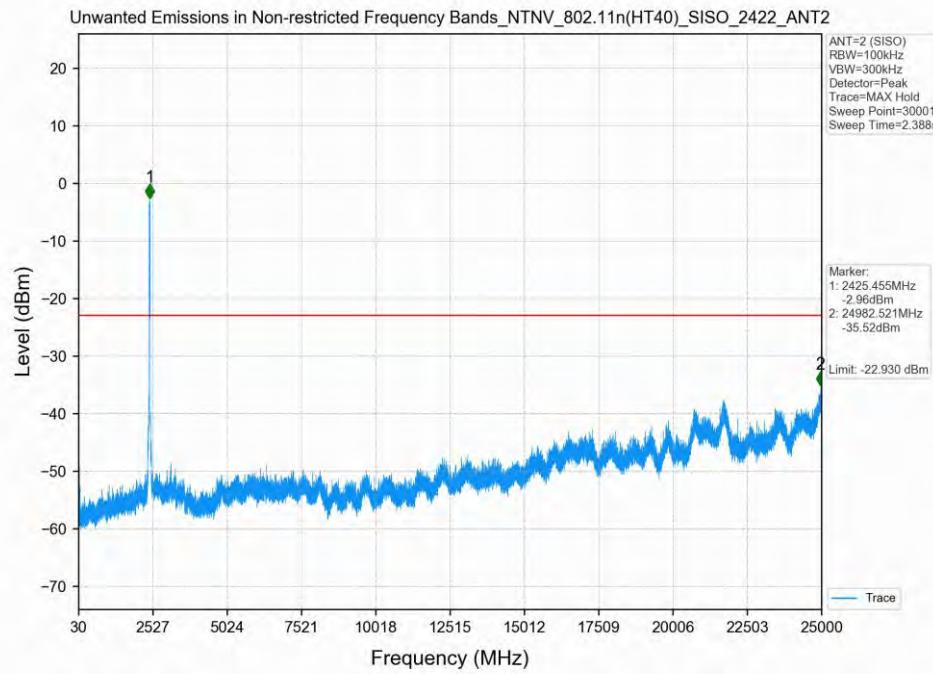
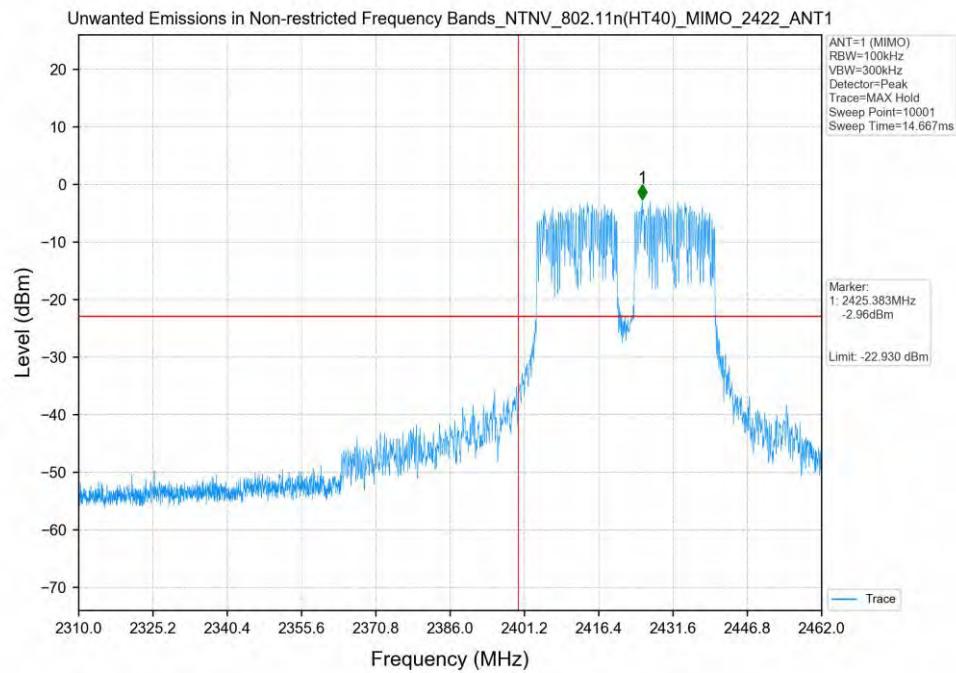
**802.11n(HT20) 2462MHz SISO ANT2****802.11n(HT20) 2462MHz MIMO Total**

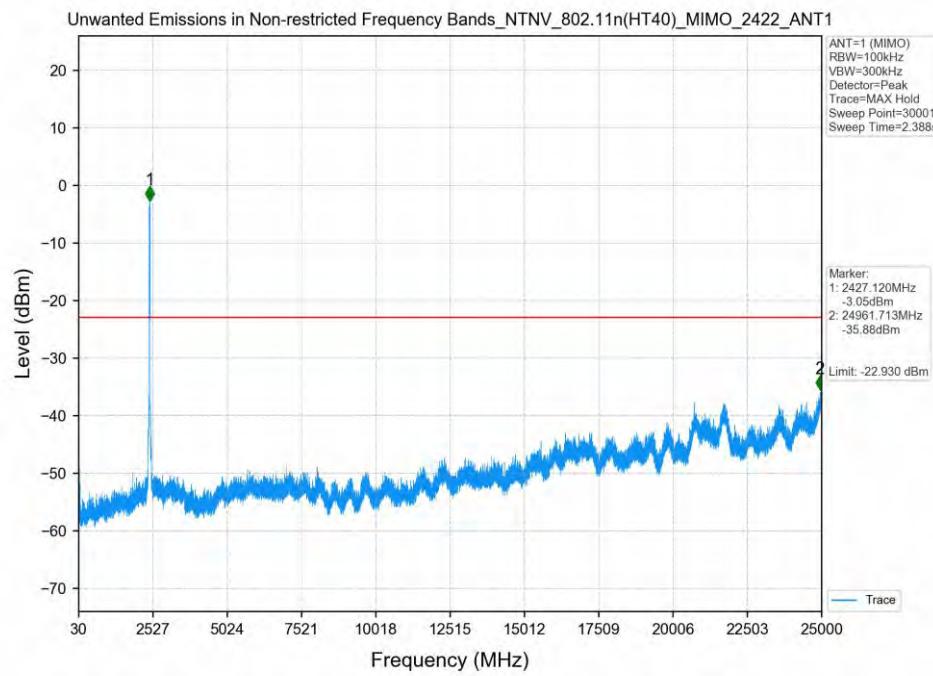
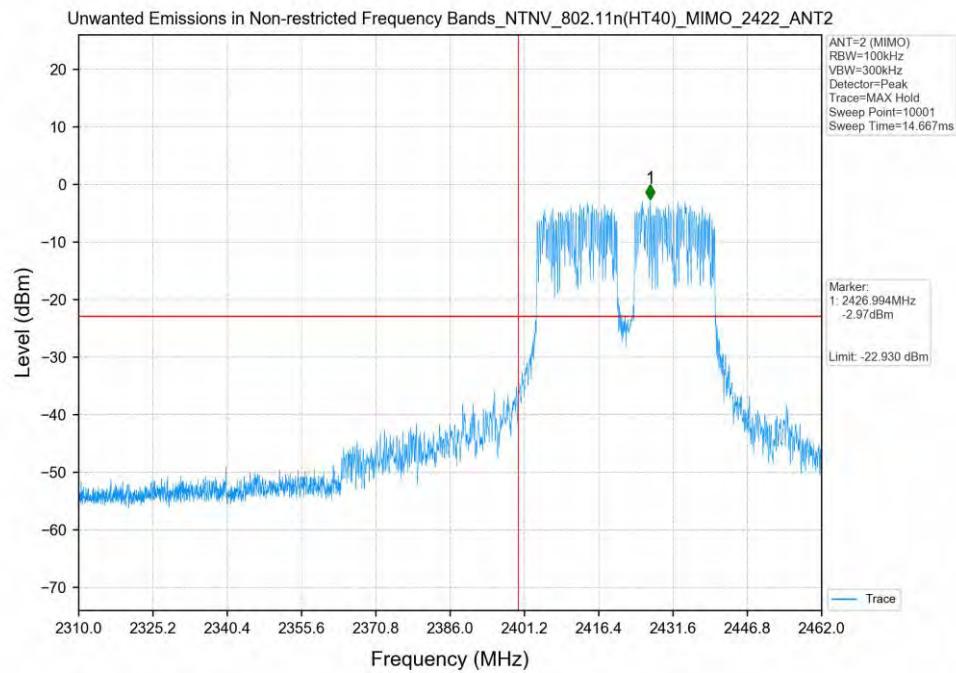
**802.11n(HT20) 2462MHz MIMO Total****802.11n(HT20) 2462MHz MIMO Total**

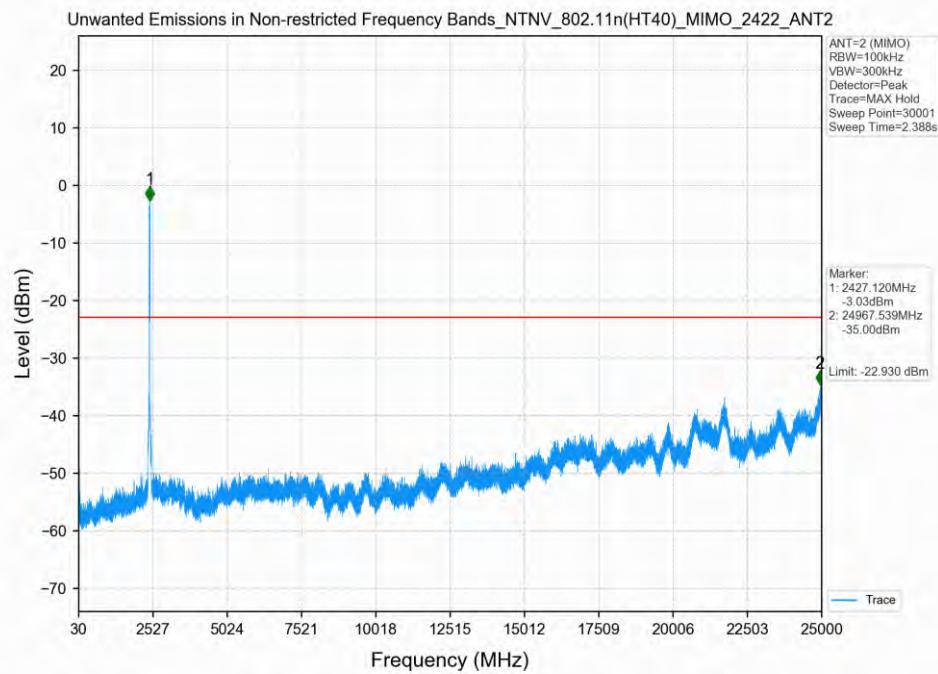
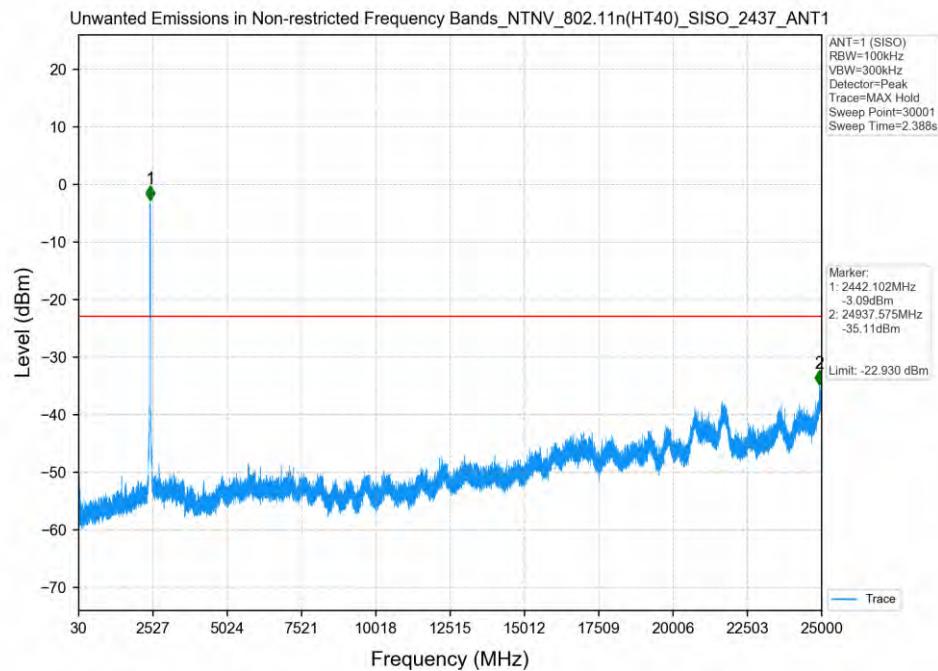
**802.11n(HT20) 2462MHz MIMO Total****802.11n(HT40) SISO\_ANT1\_REF**

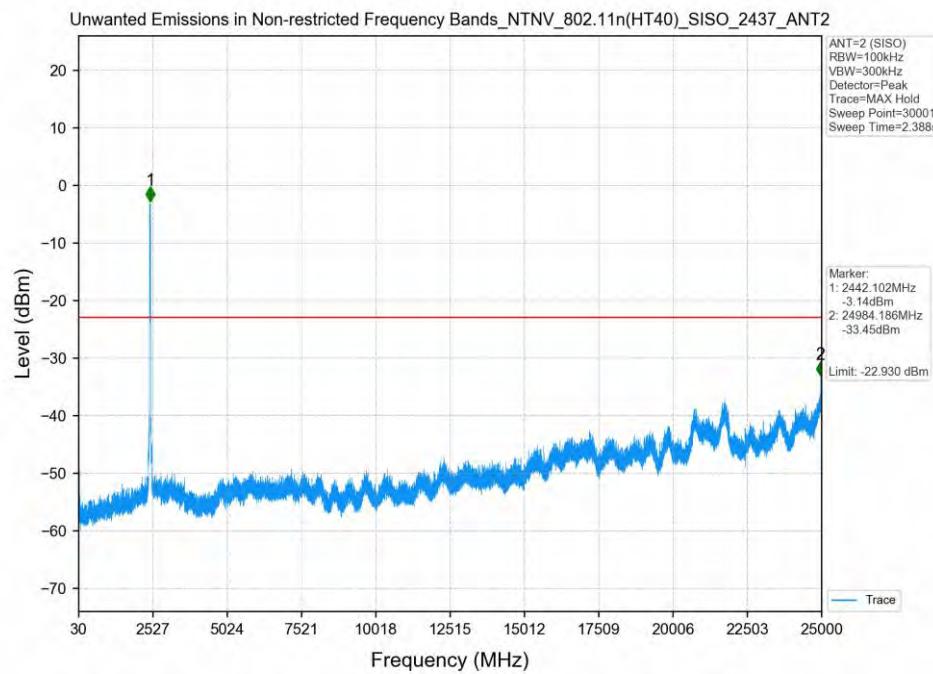
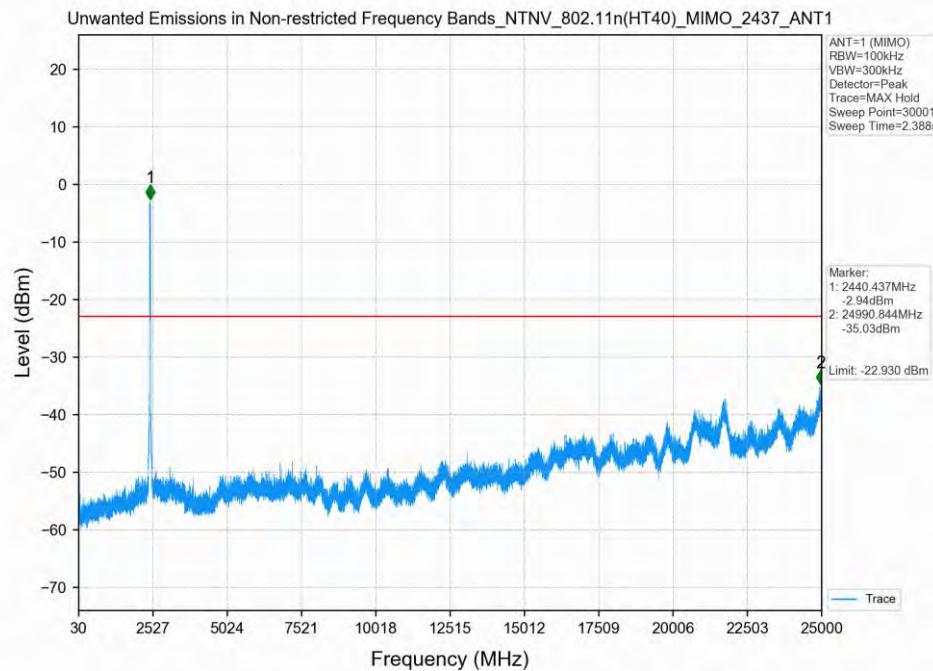
**802.11n(HT40) 2422MHz SISO ANT1****802.11n(HT40) 2422MHz SISO ANT1**

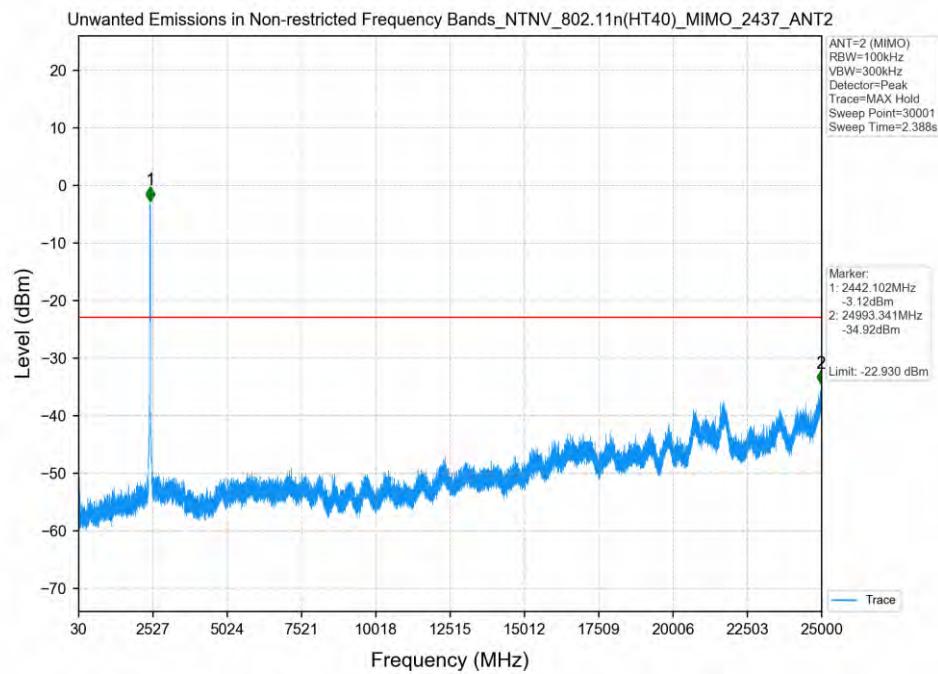
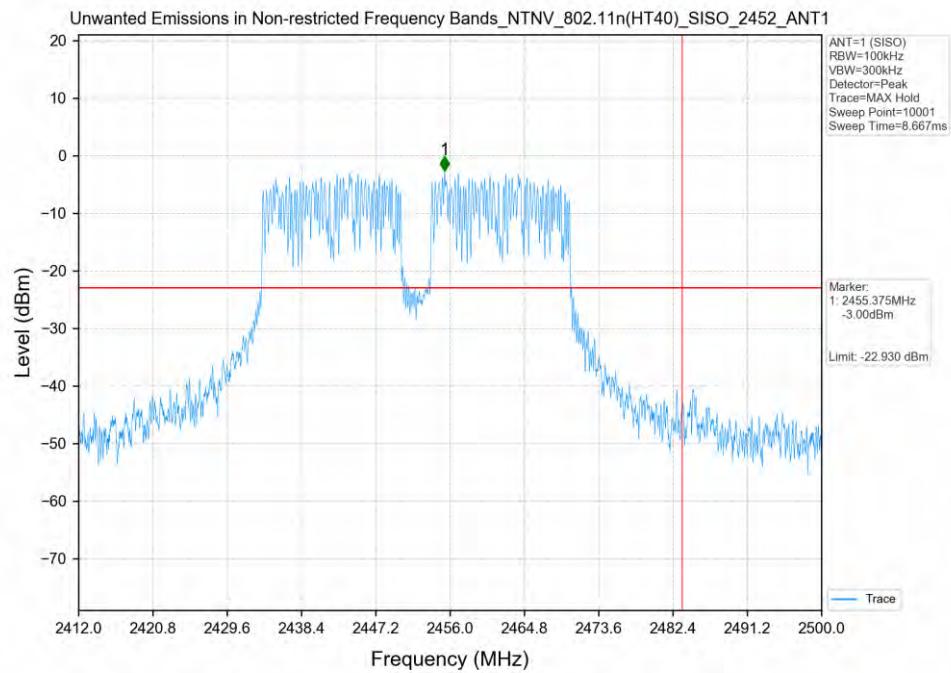
**802.11n(HT40) 2422MHz SISO ANT2****802.11n(HT40) 2422MHz SISO ANT2**

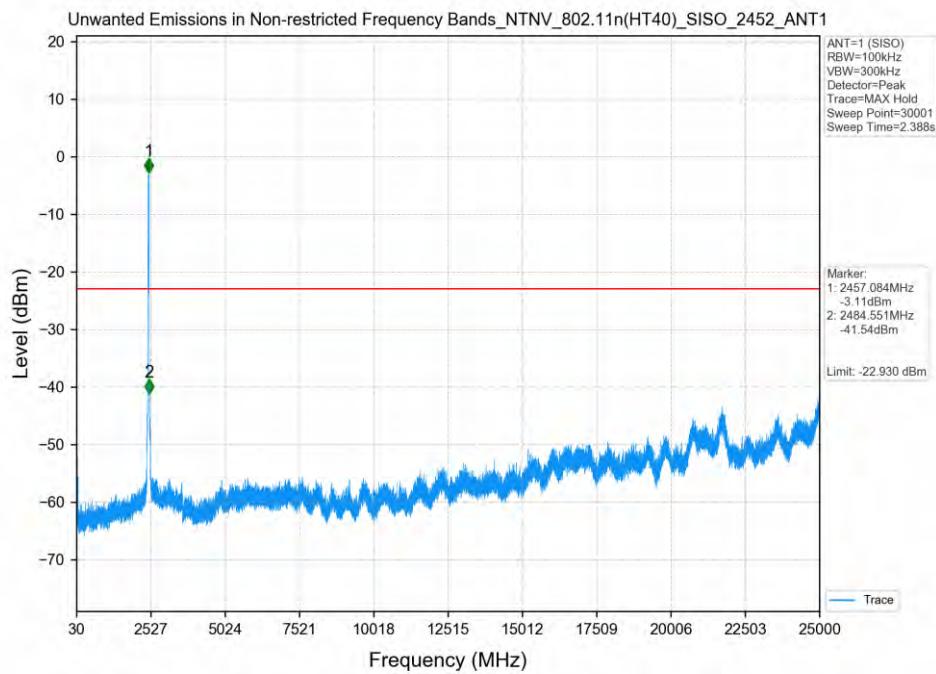
**802.11n(HT40) 2422MHz MIMO Total****802.11n(HT40) 2422MHz MIMO Total**

**802.11n(HT40) 2422MHz MIMO Total****802.11n(HT40) 2422MHz MIMO Total**

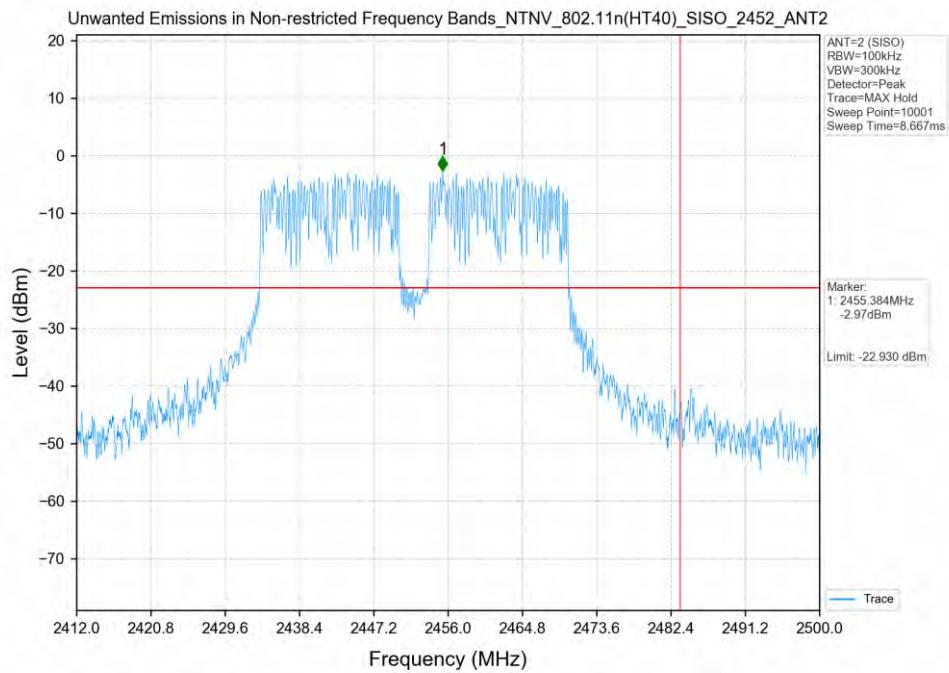
**802.11n(HT40) 2437MHz SISO ANT1****802.11n(HT40) 2437MHz SISO ANT2**

**802.11n(HT40) 2437MHz MIMO Total****802.11n(HT40) 2437MHz MIMO Total**

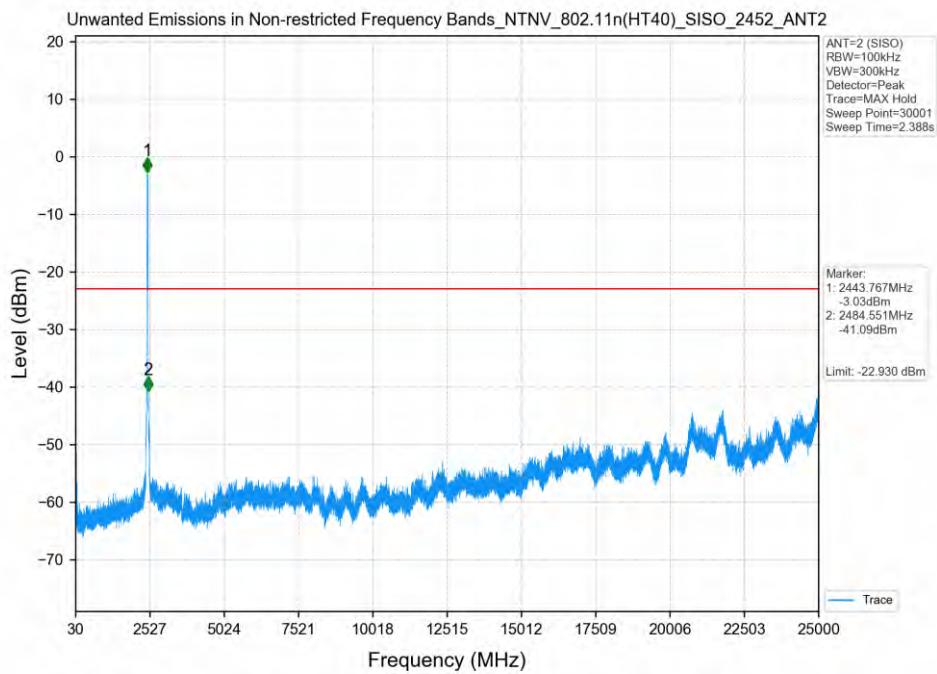
**802.11n(HT40) 2452MHz SISO ANT1****802.11n(HT40) 2452MHz SISO ANT1**



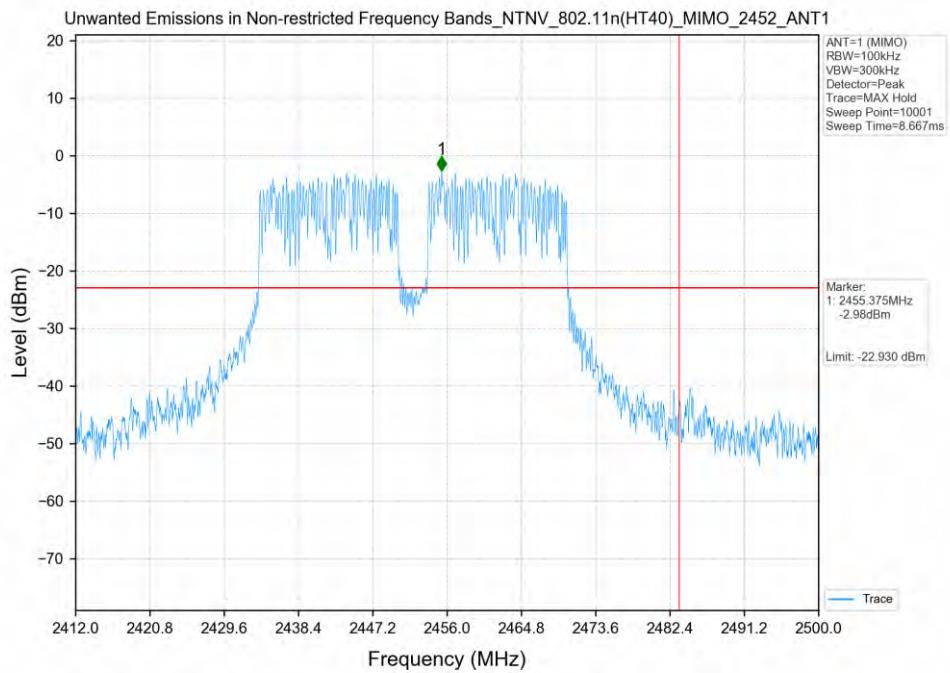
802.11n(HT40) 2452MHz SISO ANT2



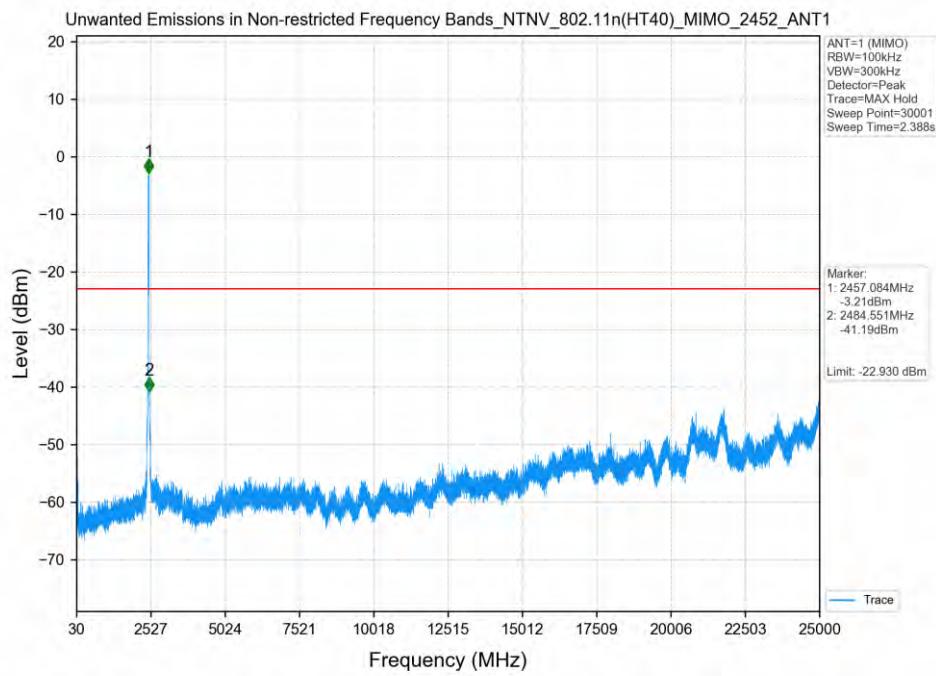
802.11n(HT40) 2452MHz SISO ANT2



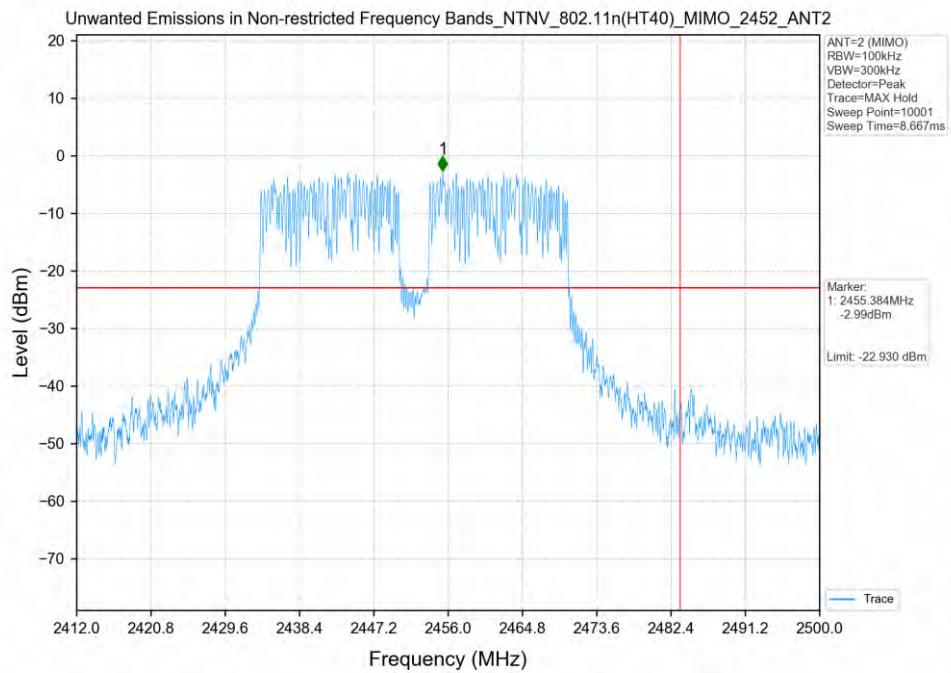
802.11n(HT40) 2452MHz MIMO Total



802.11n(HT40) 2452MHz MIMO Total



802.11n(HT40) 2452MHz MIMO Total



802.11n(HT40) 2452MHz MIMO Total

