

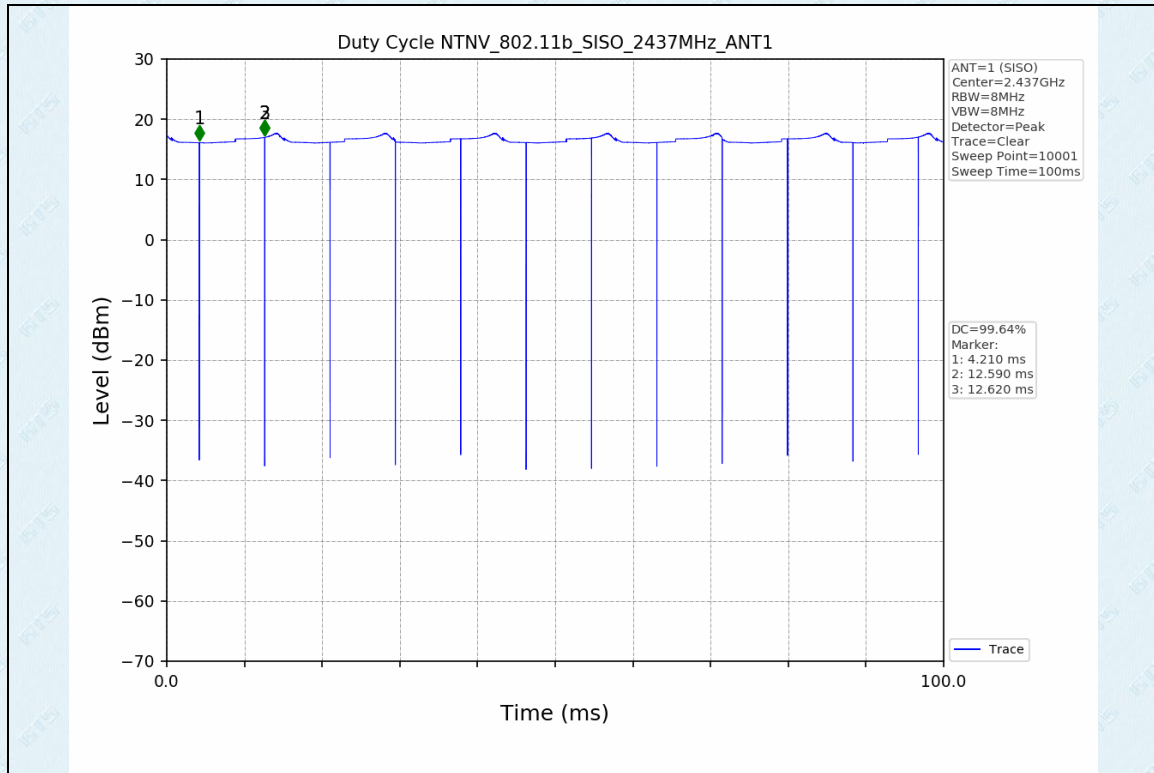
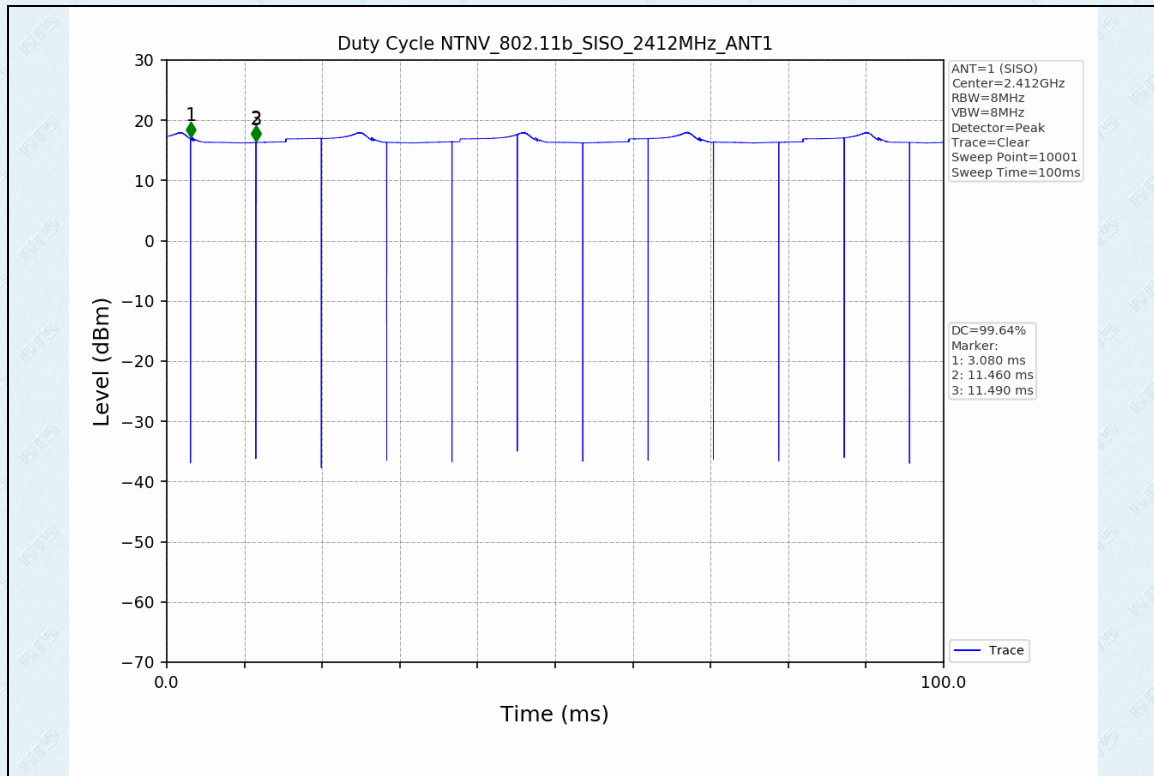
Appendix for 15.247

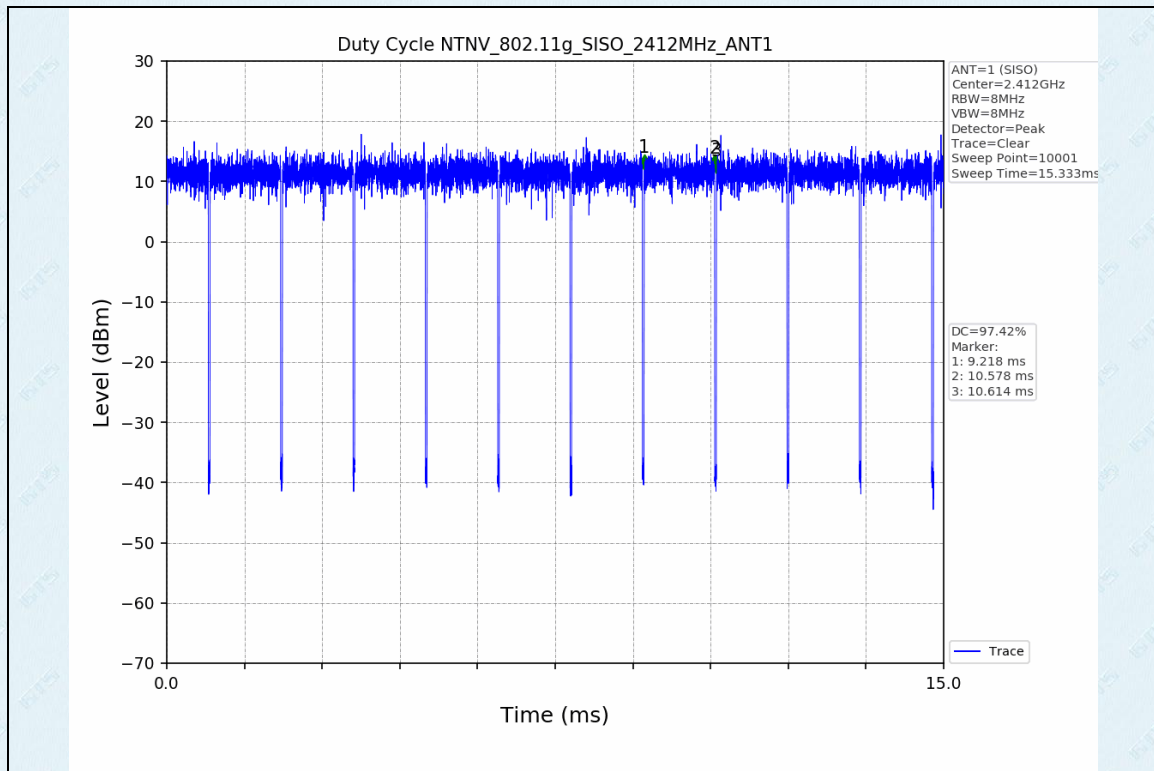
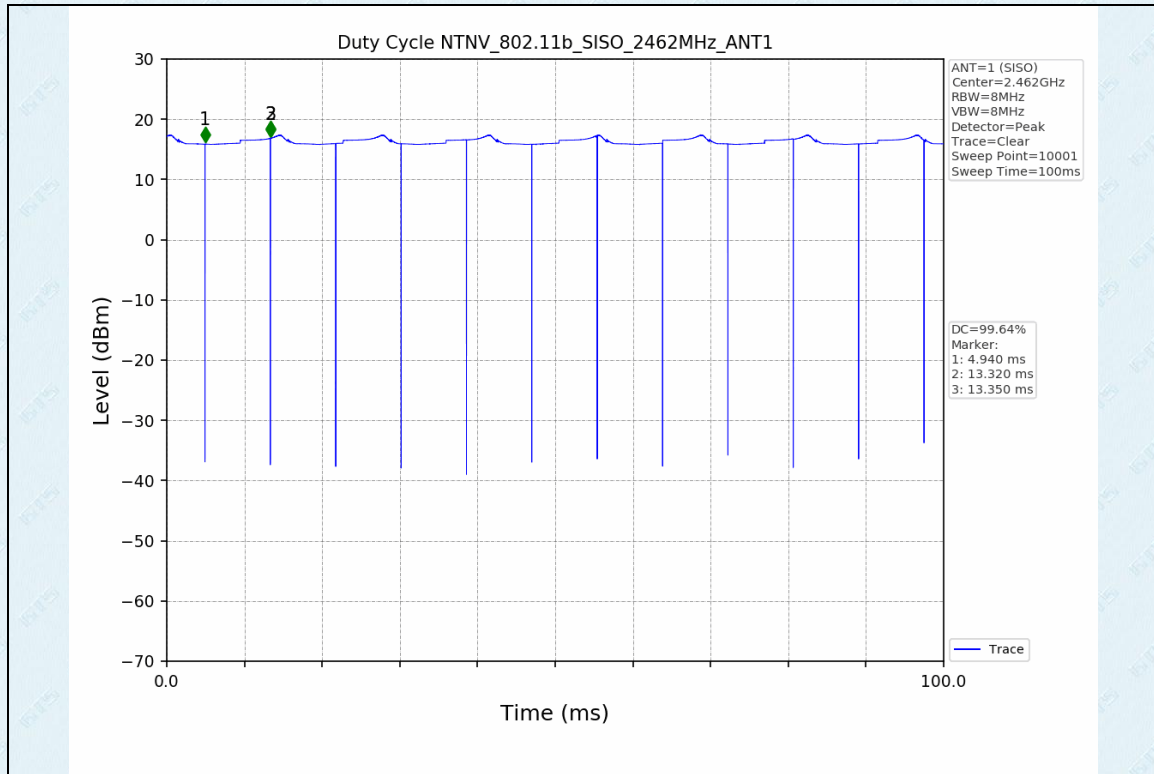
1. Duty Cycle

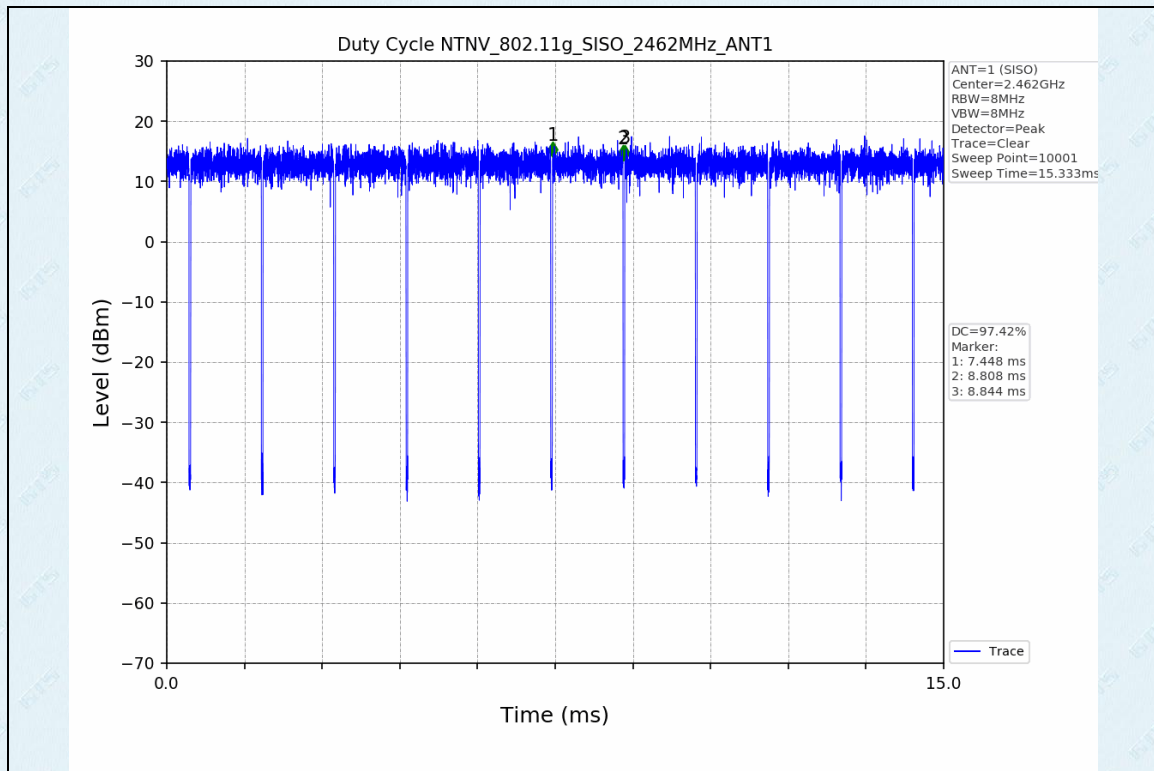
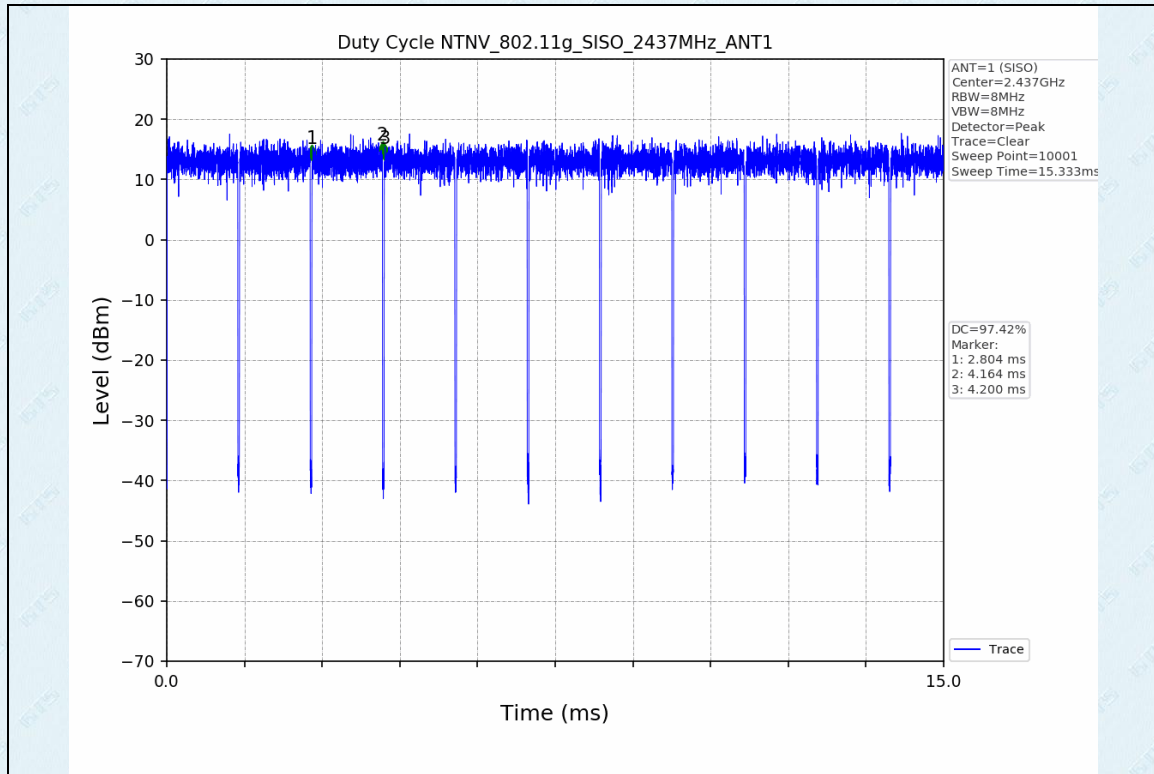
1.1 Test Result

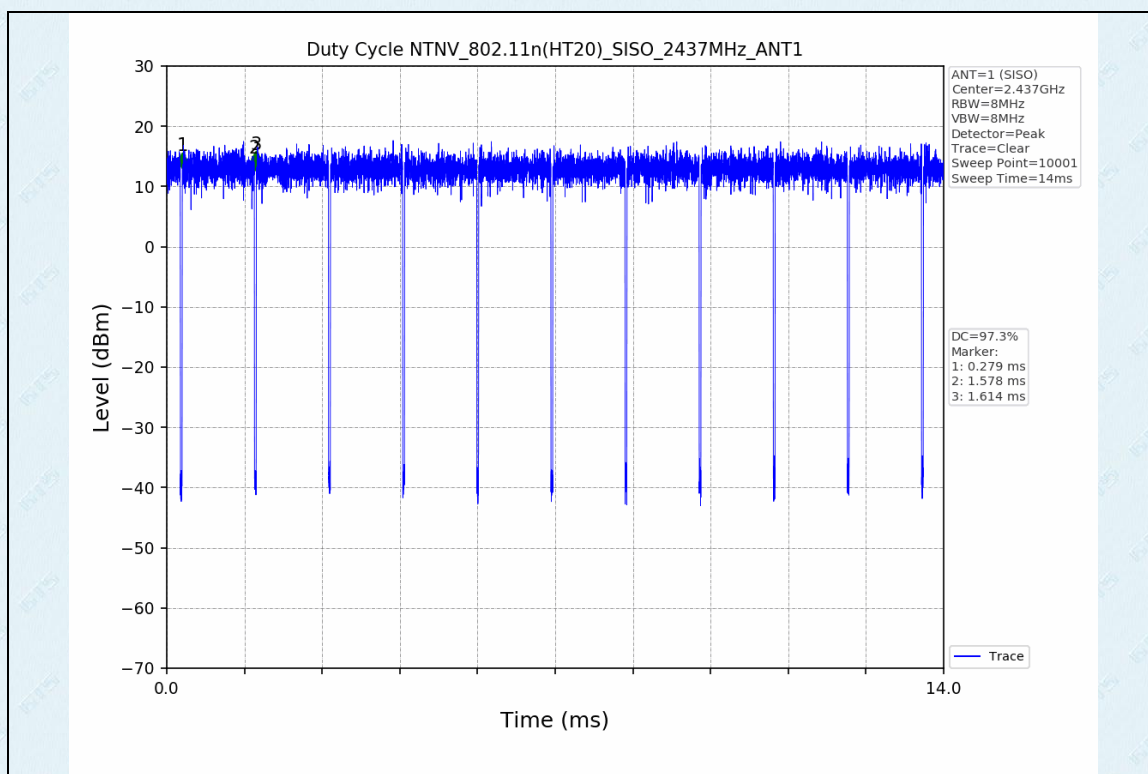
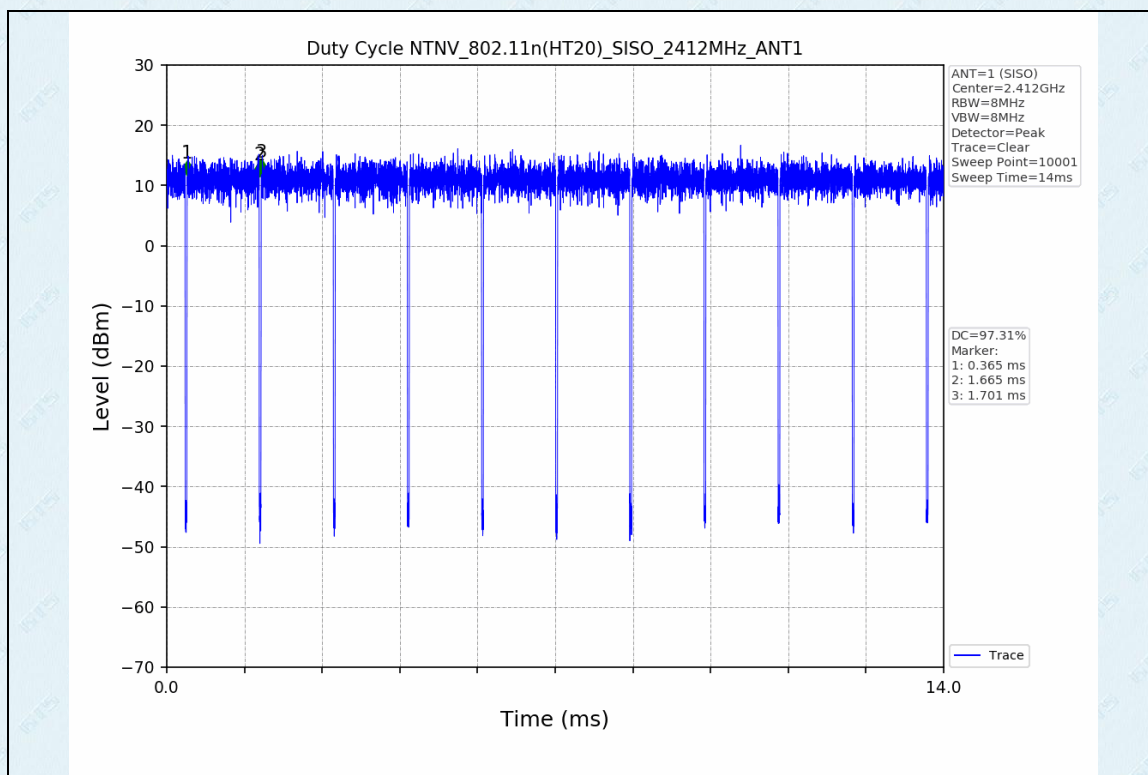
Test Mode	Channel Frequency(MHz)	TX Type	ANT No.	T_on (ms)	Period (ms)	Duty Cycle (%)	Duty Cycle Correction Factor (dB)
802.11b	2412	SISO	1	8.380	8.410	99.64	0.02
	2437	SISO	1	8.380	8.410	99.64	0.02
	2462	SISO	1	8.380	8.410	99.64	0.02
802.11g	2412	SISO	1	1.360	1.396	97.42	0.11
	2437	SISO	1	1.360	1.396	97.42	0.11
	2462	SISO	1	1.360	1.396	97.42	0.11
802.11n(HT20)	2412	SISO	1	1.300	1.336	97.31	0.12
	2437	SISO	1	1.299	1.335	97.30	0.12
	2462	SISO	1	1.299	1.335	97.30	0.12
802.11n(HT40)	2422	SISO	1	0.618	0.652	94.79	0.23
	2437	SISO	1	0.618	0.651	94.93	0.23
	2452	SISO	1	0.618	0.651	94.93	0.23

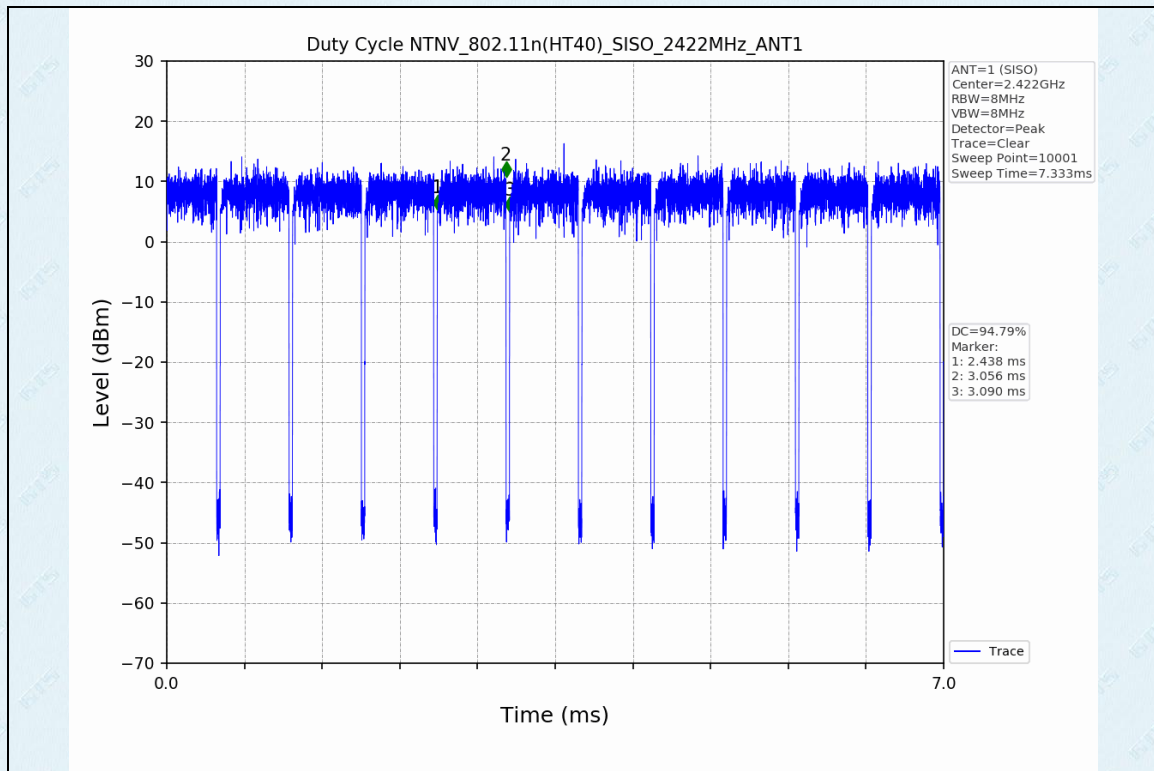
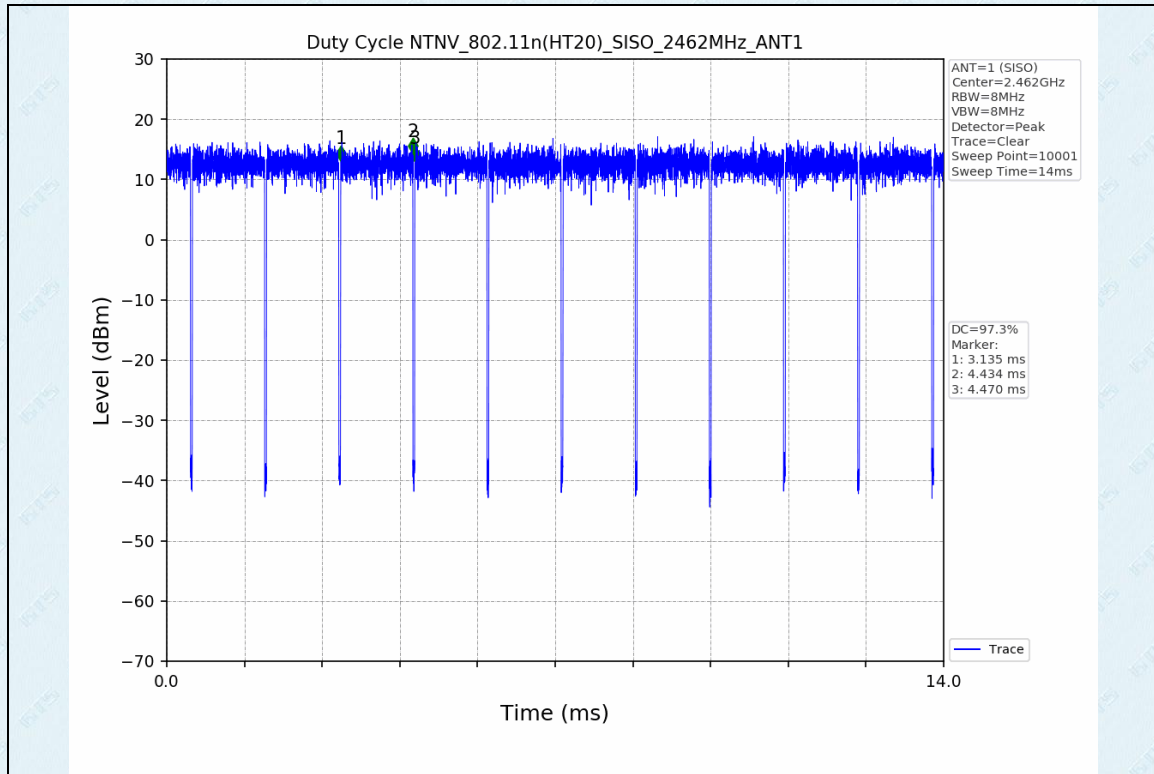
1.2 Test Graph

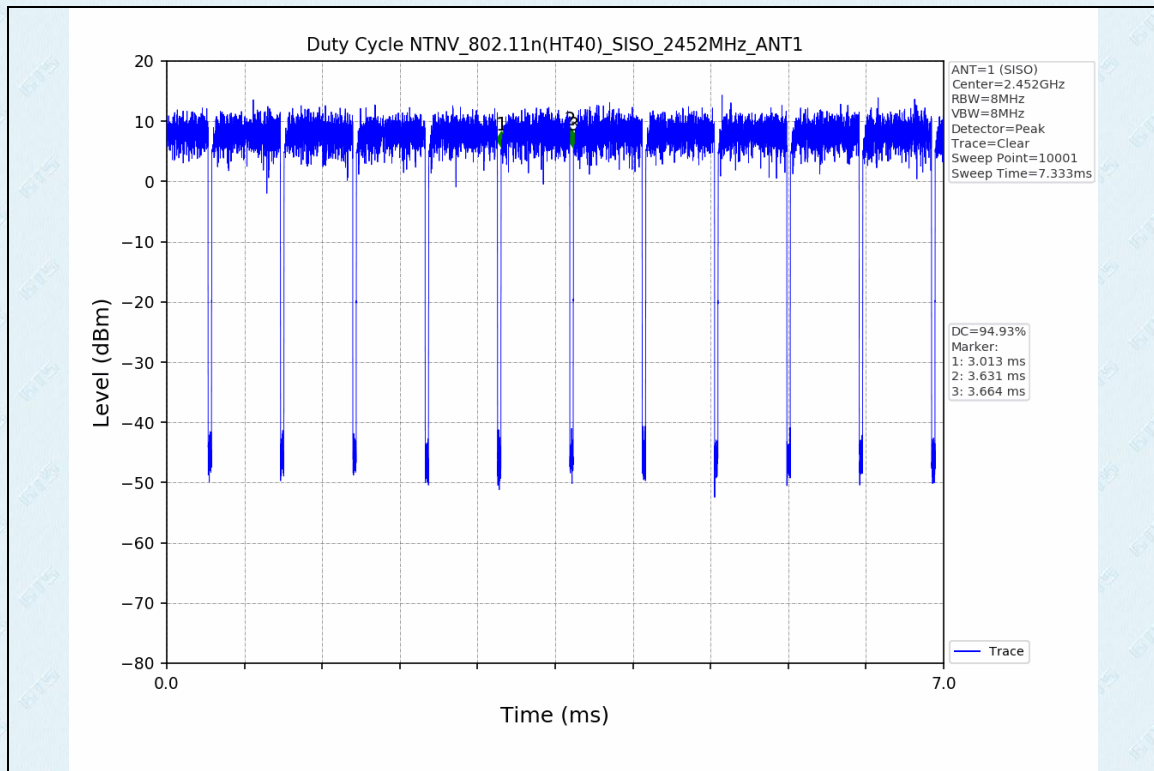
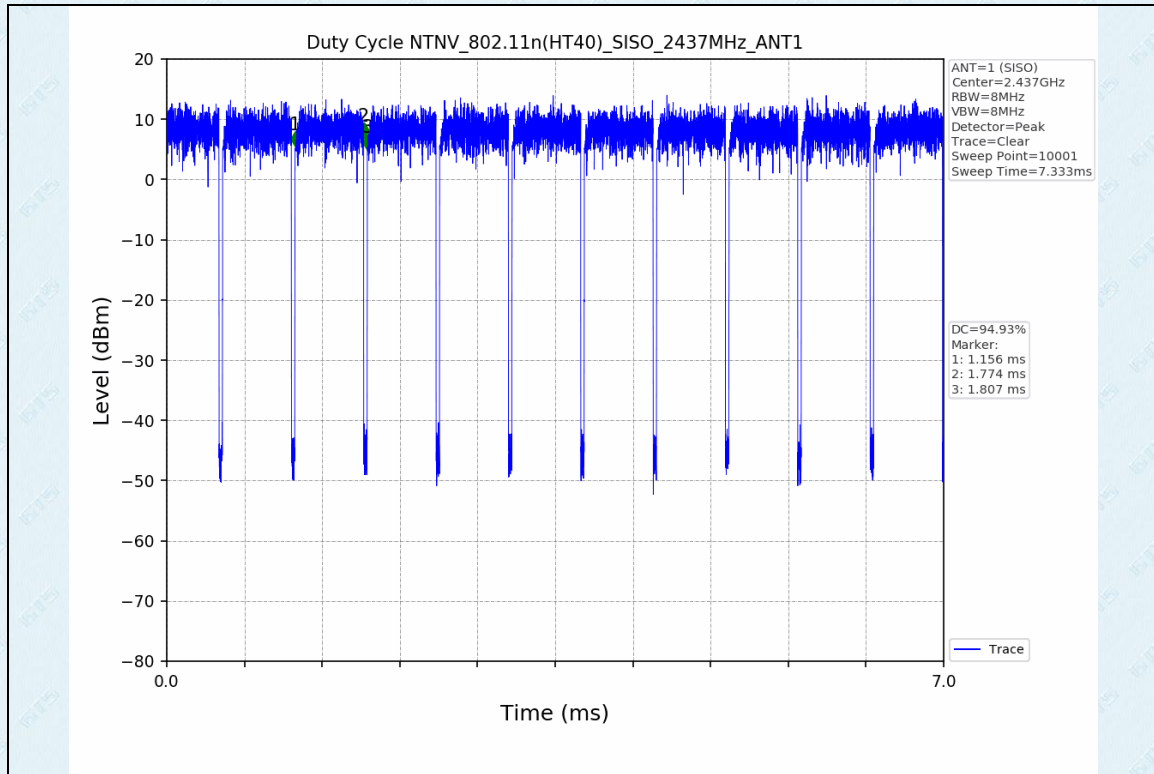












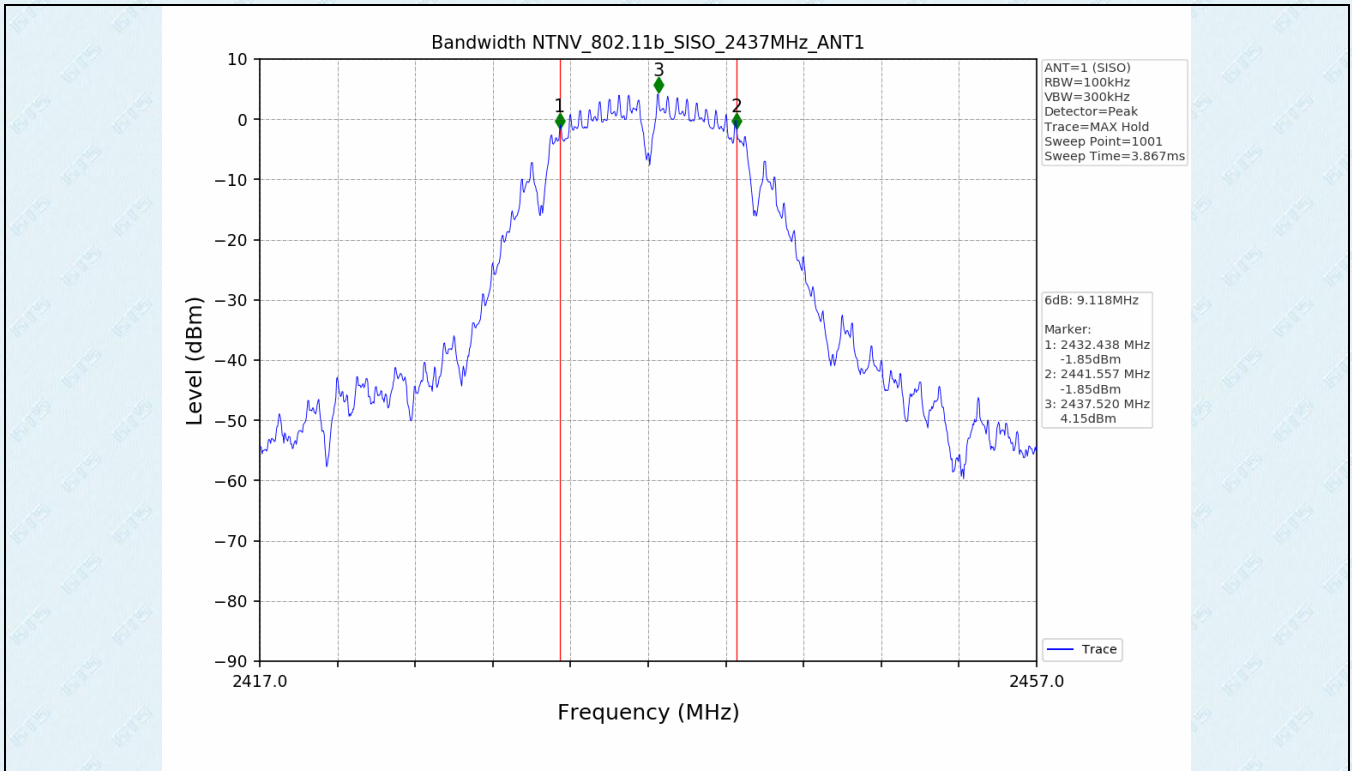
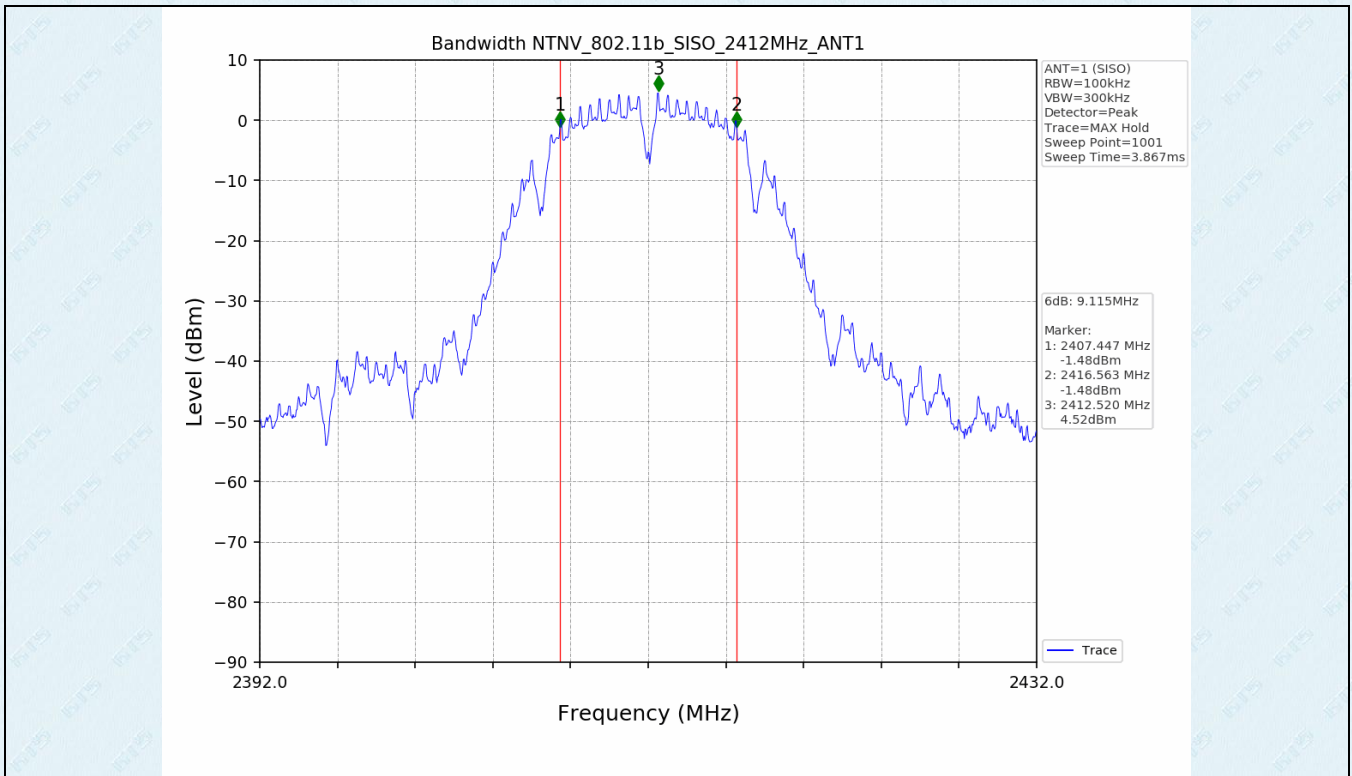
2. Bandwidth

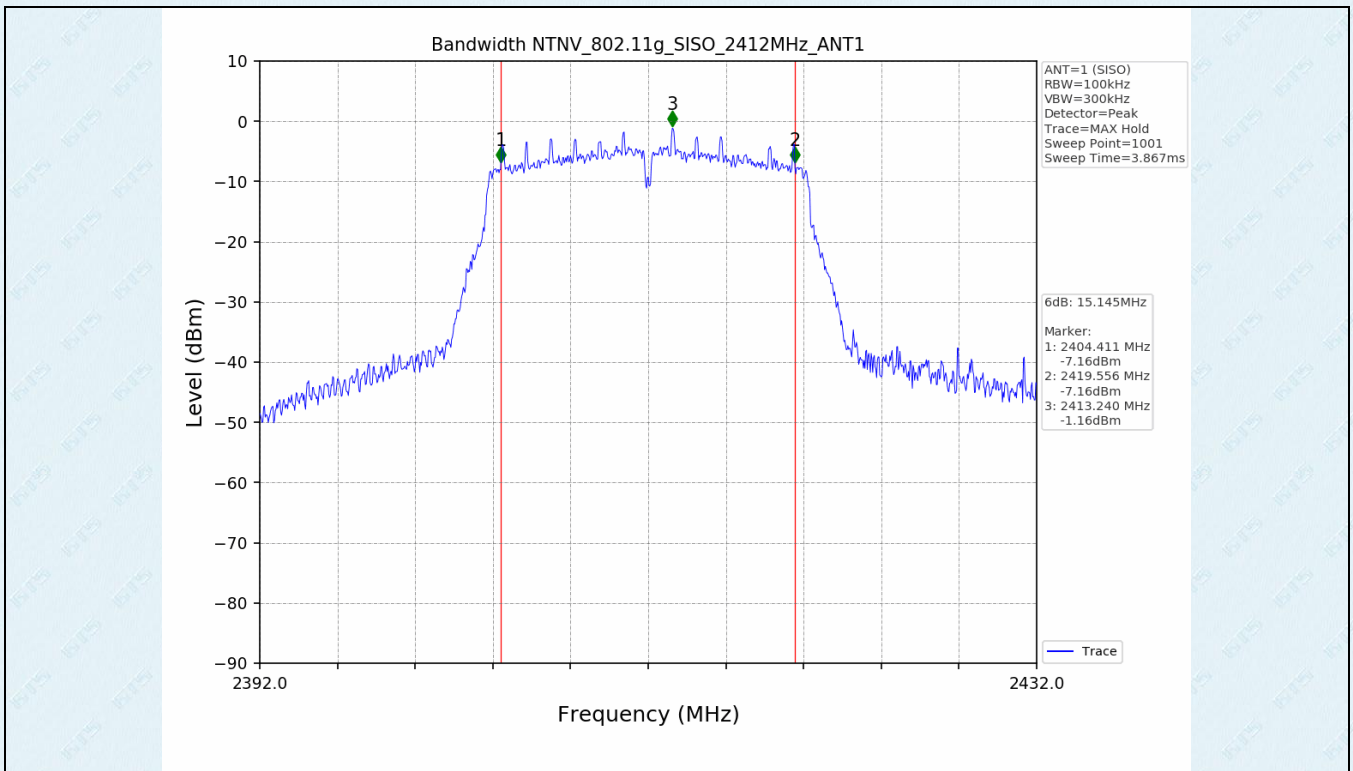
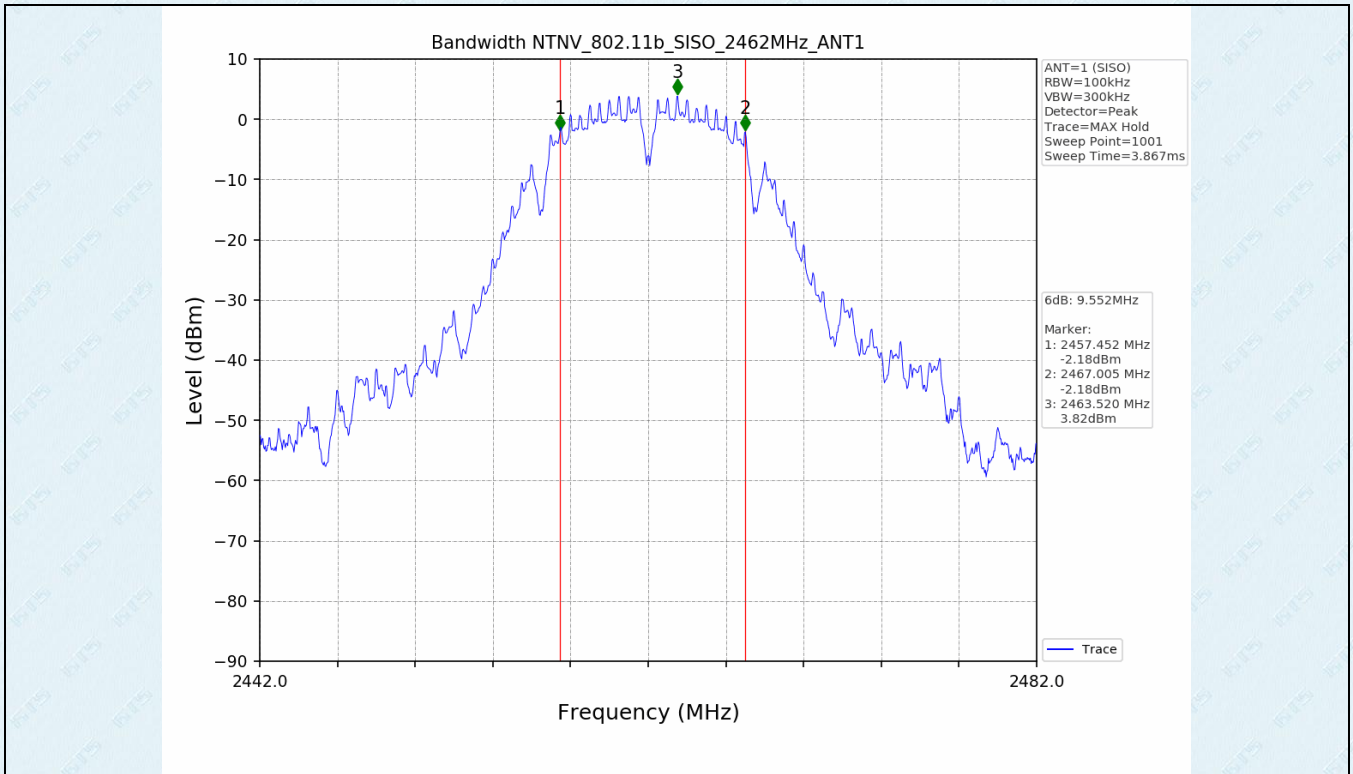
2.1 Test Result

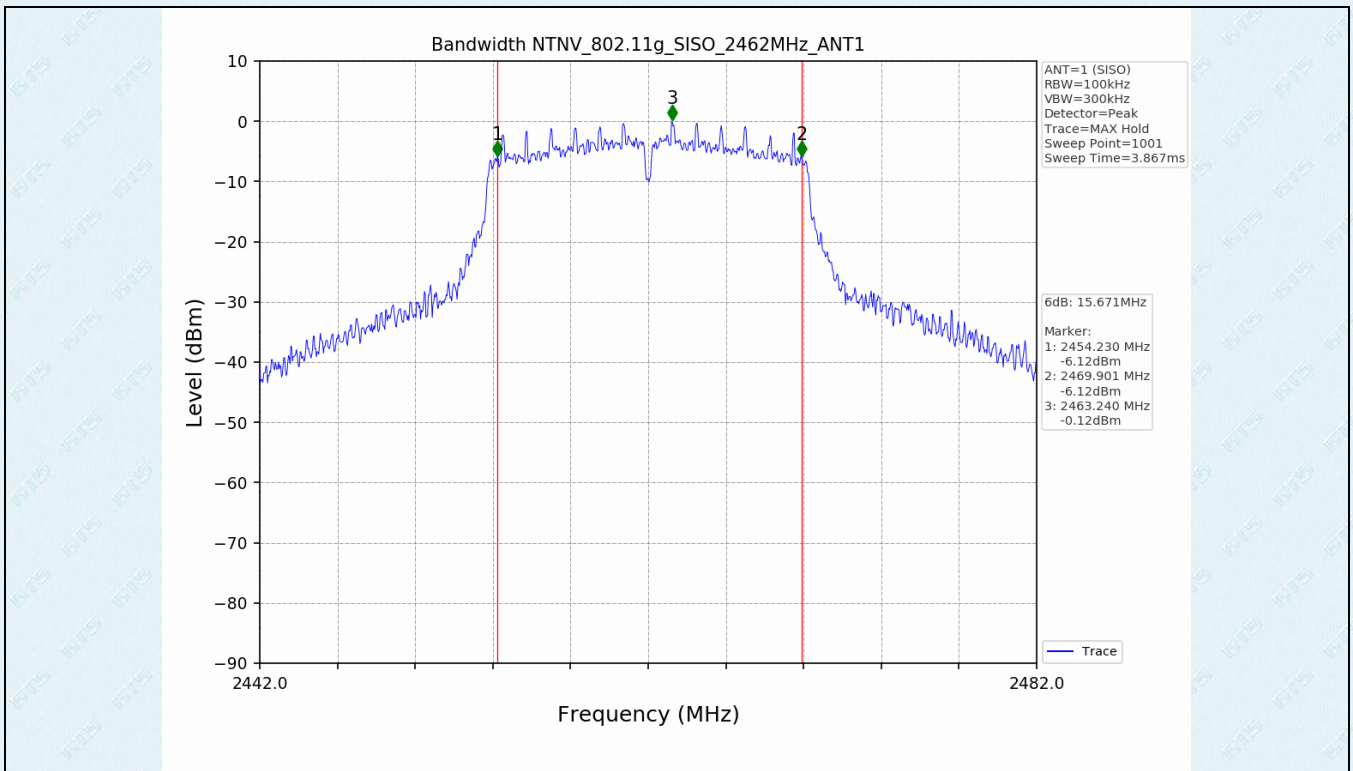
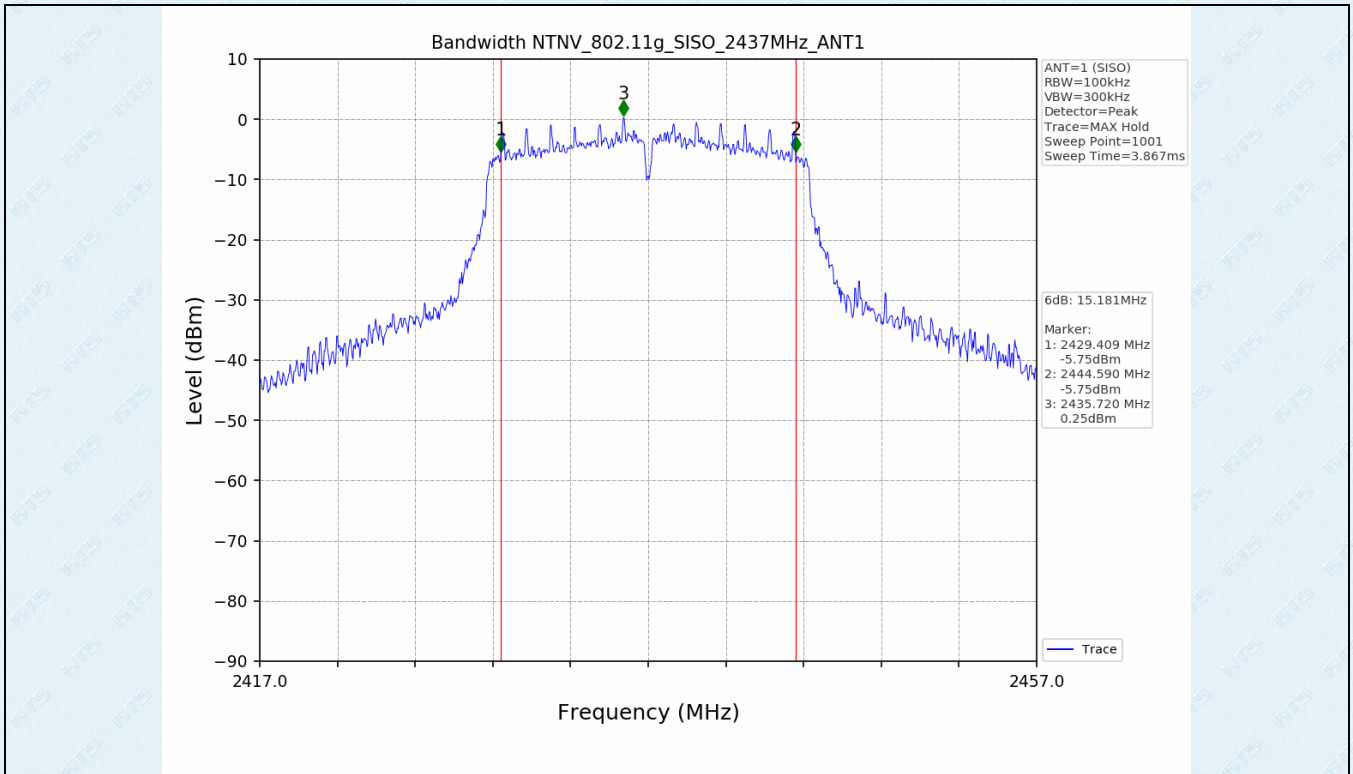
Test Mode	Frequency (MHz)	TX Type	ANT No.	6dB Bandwidth	Verdict
				Test Result (MHz)	
802.11b	2412	SISO	1	9.115	PASS
	2437	SISO	1	9.118	PASS
	2462	SISO	1	9.552	PASS
802.11g	2412	SISO	1	15.145	PASS
	2437	SISO	1	15.181	PASS
	2462	SISO	1	15.671	PASS
802.11n(HT20)	2412	SISO	1	15.172	PASS
	2437	SISO	1	15.122	PASS
	2462	SISO	1	15.158	PASS
802.11n(HT40)	2422	SISO	1	35.287	PASS
	2437	SISO	1	35.257	PASS
	2452	SISO	1	35.244	PASS

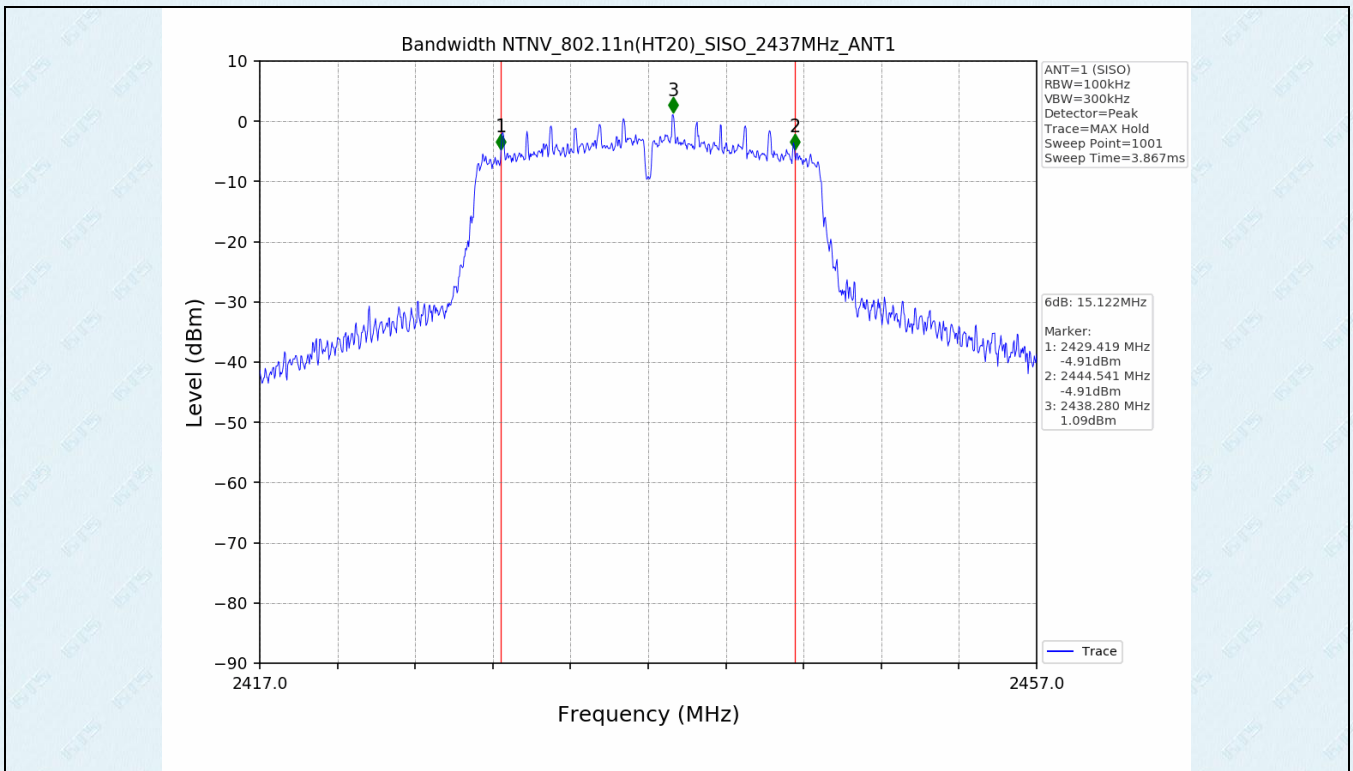
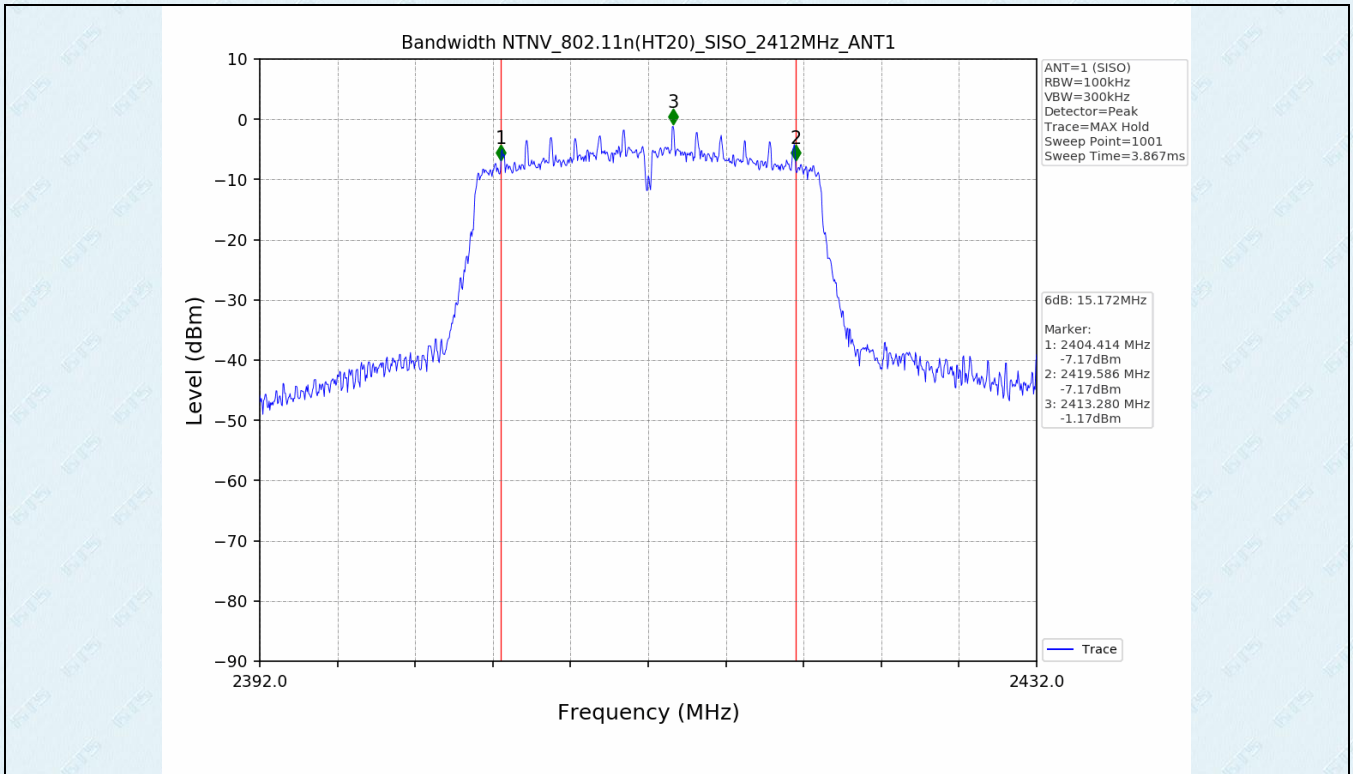
Test Mode	Frequency (MHz)	TX Type	ANT No.	99% Occupied Bandwidth	
				Test Result (MHz)	
802.11b	2412	SISO	1	12.414	Only for Report Use
	2437	SISO	1	12.411	Only for Report Use
	2462	SISO	1	12.616	Only for Report Use
802.11g	2412	SISO	1	16.745	Only for Report Use
	2437	SISO	1	16.808	Only for Report Use
	2462	SISO	1	16.885	Only for Report Use
802.11n(HT20)	2412	SISO	1	17.666	Only for Report Use
	2437	SISO	1	17.752	Only for Report Use
	2462	SISO	1	17.795	Only for Report Use
802.11n(HT40)	2422	SISO	1	36.635	Only for Report Use
	2437	SISO	1	36.595	Only for Report Use
	2452	SISO	1	36.693	Only for Report Use

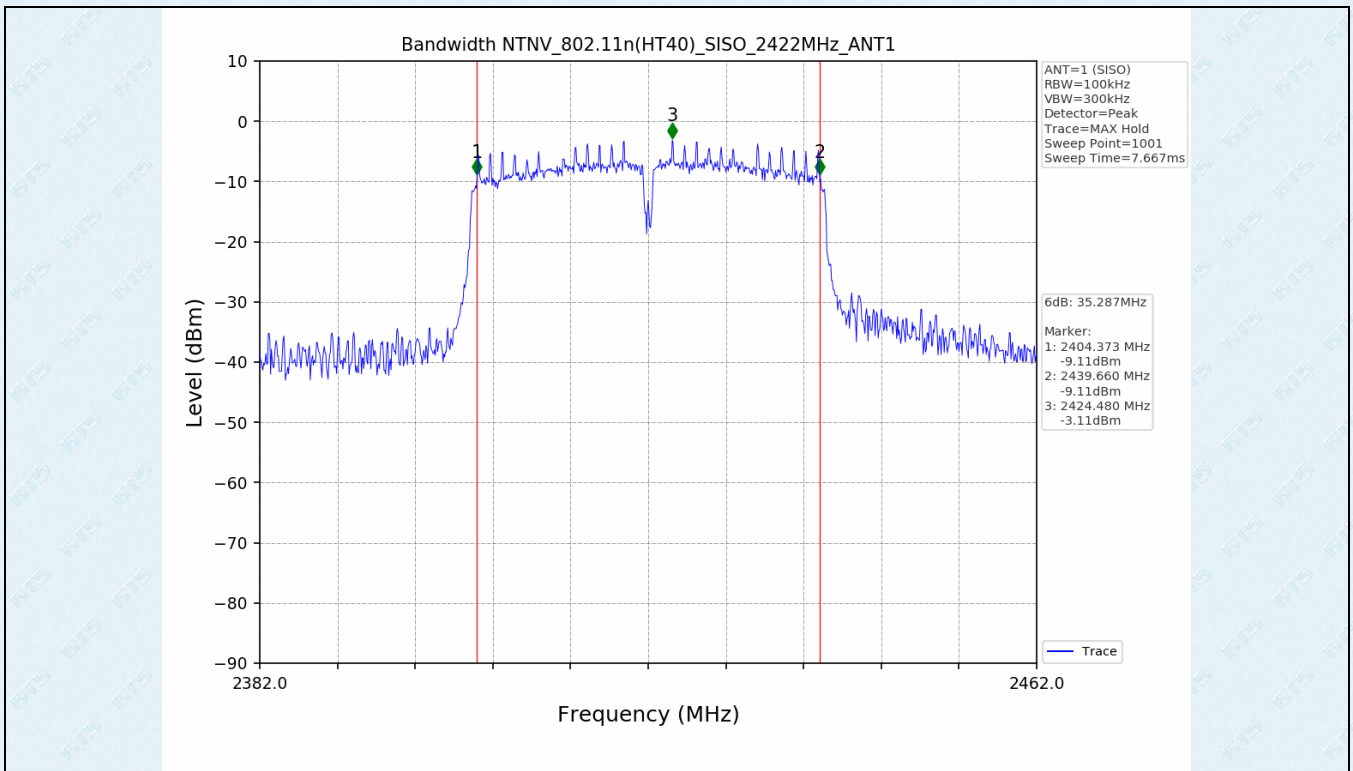
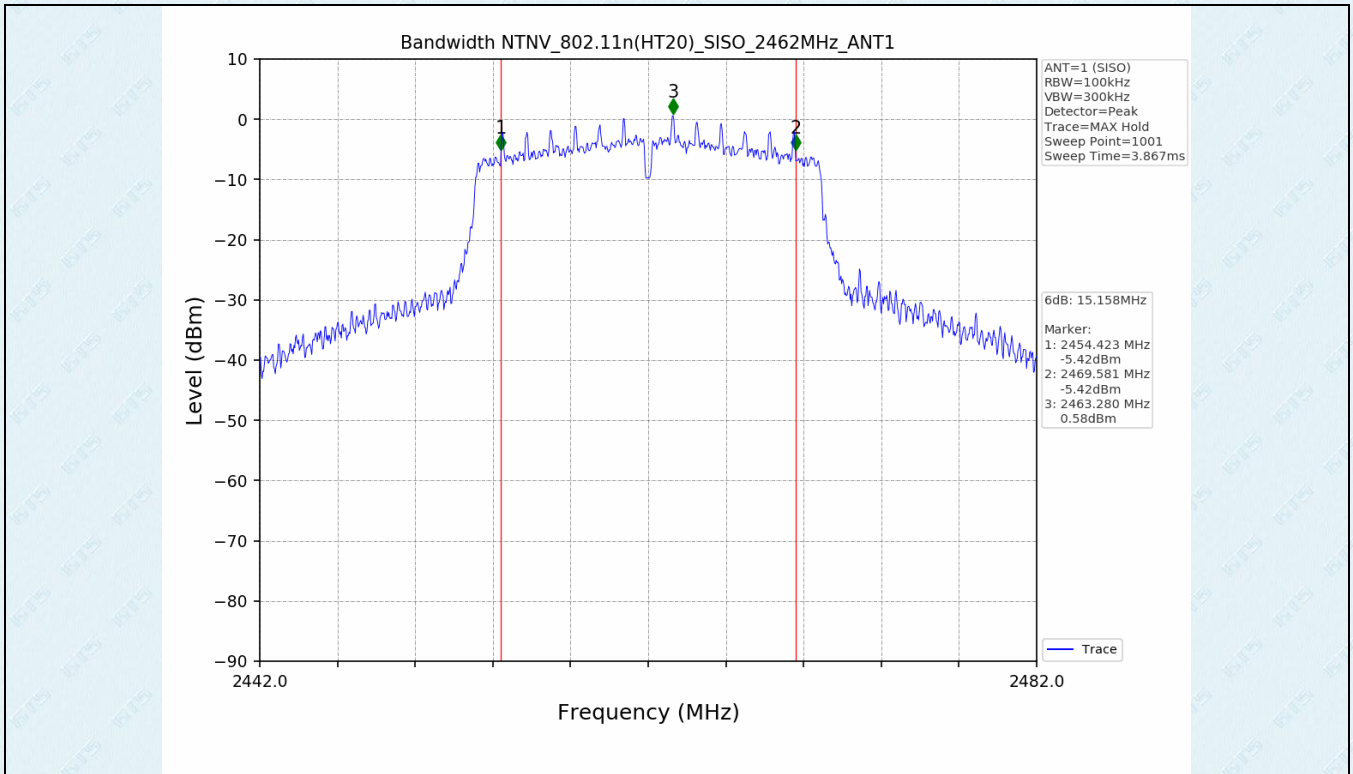
2.2 Test Graph - 6dB Bandwidth

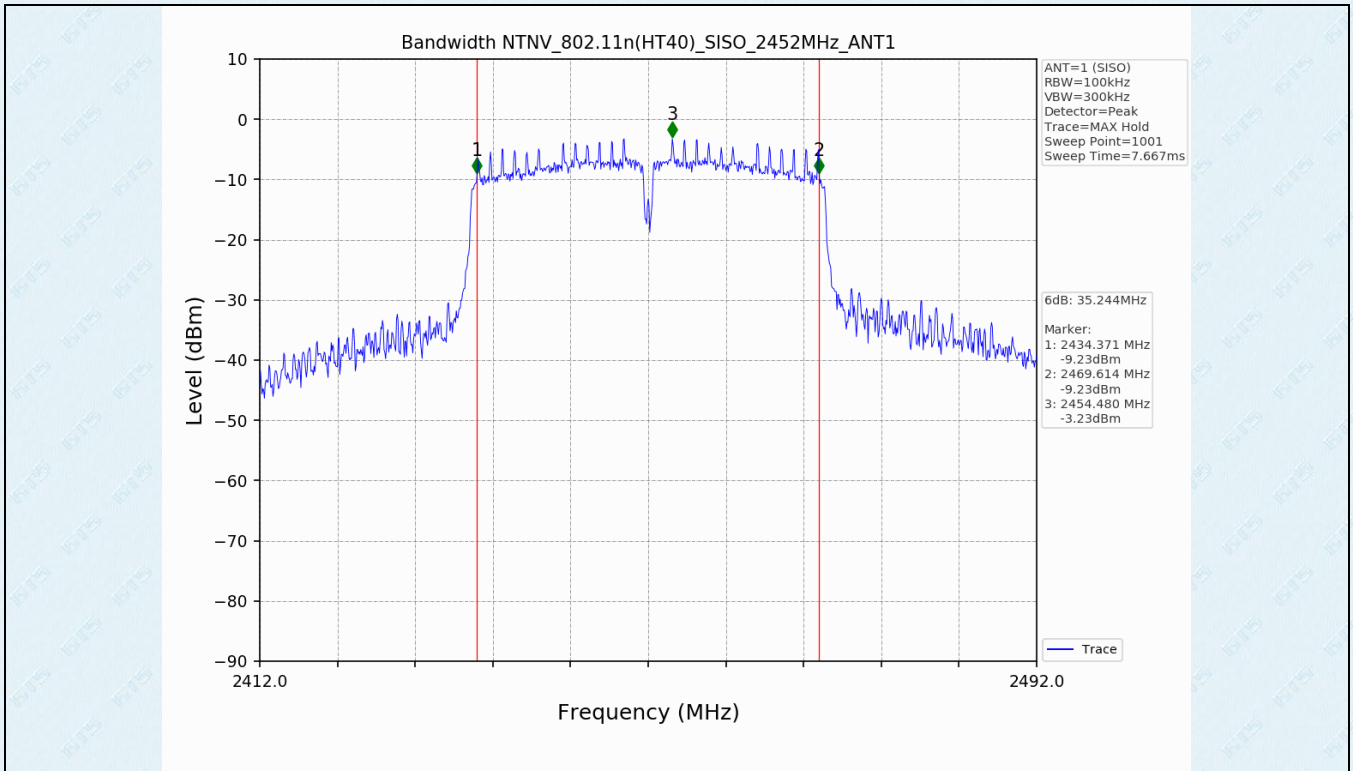
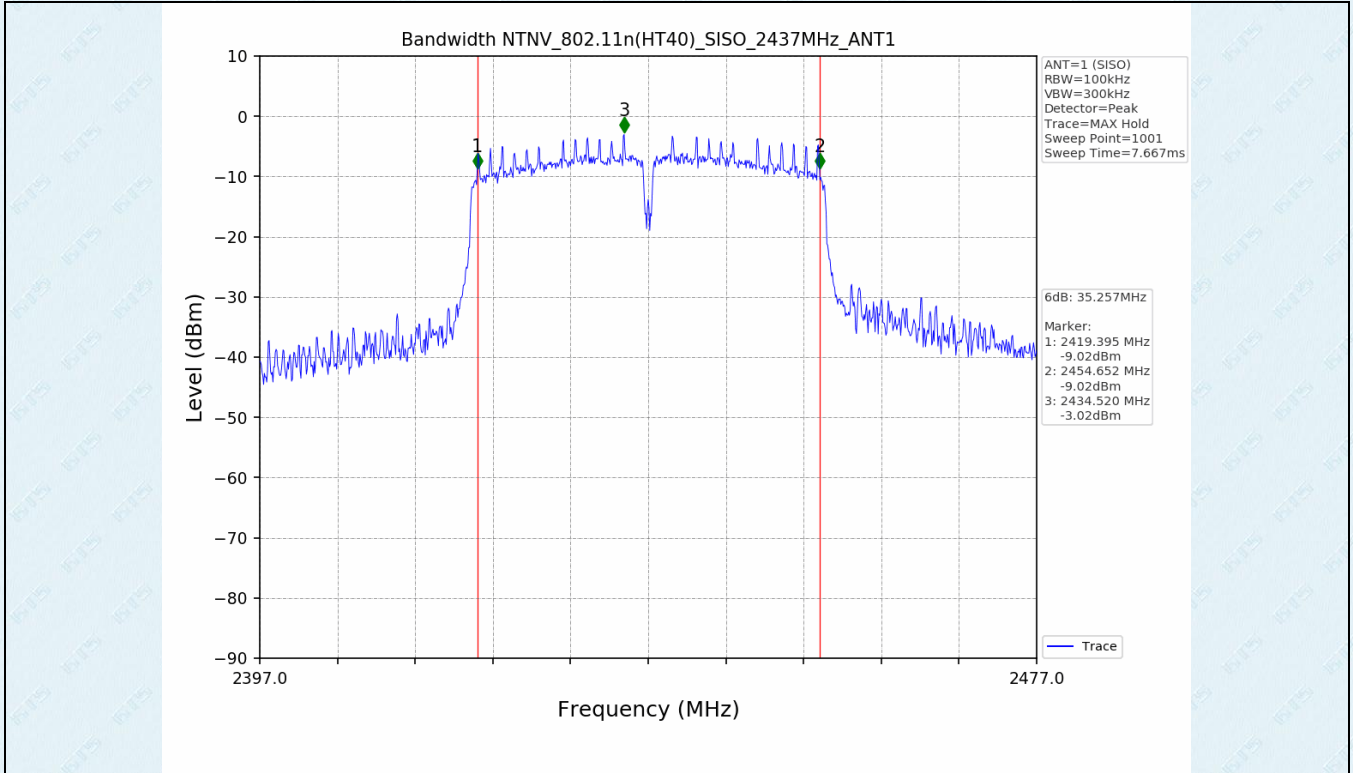




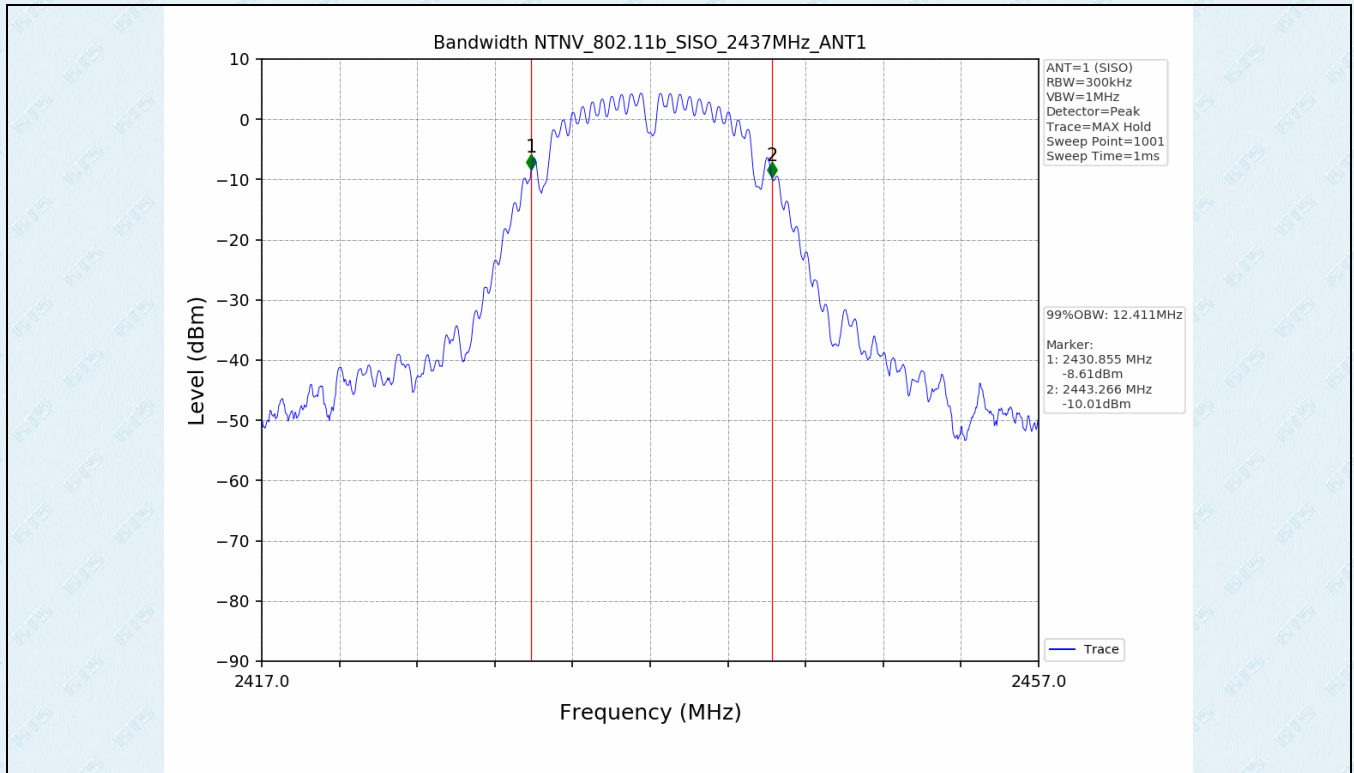
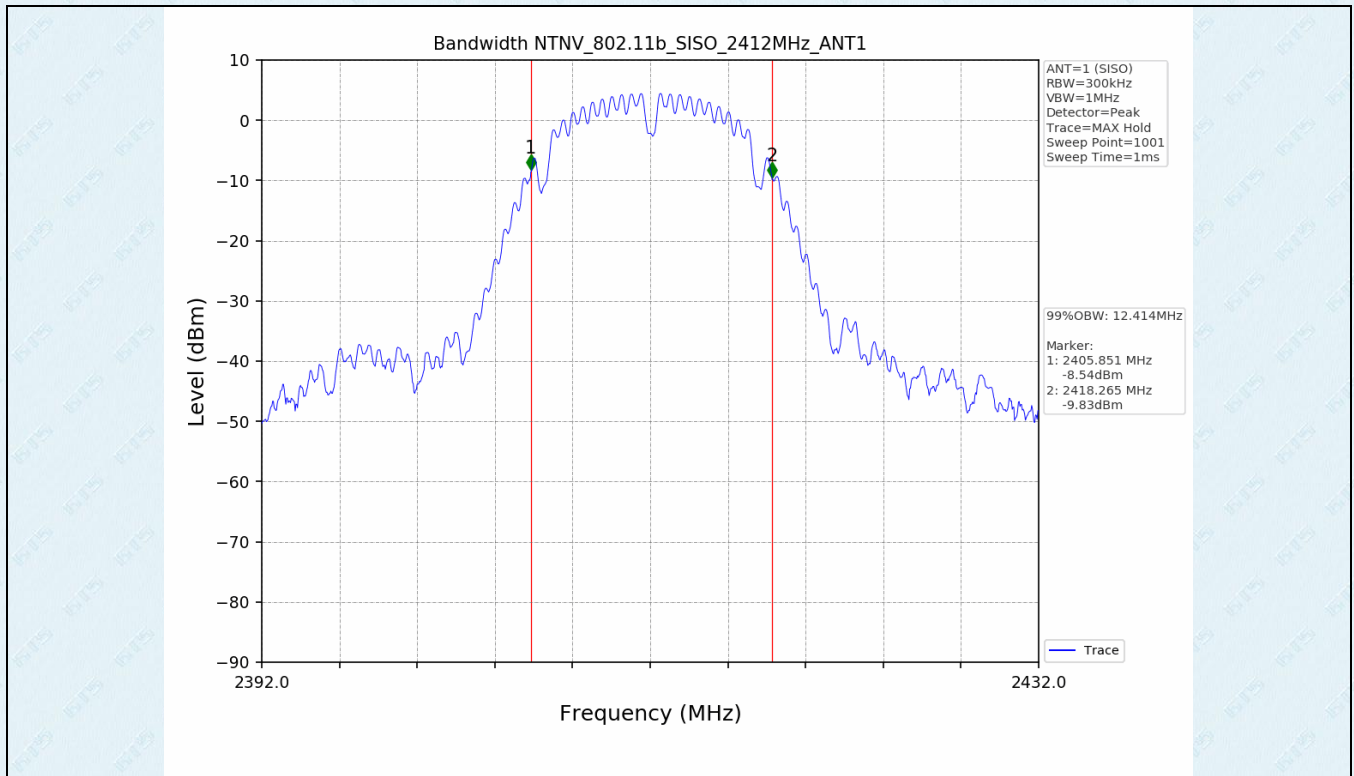


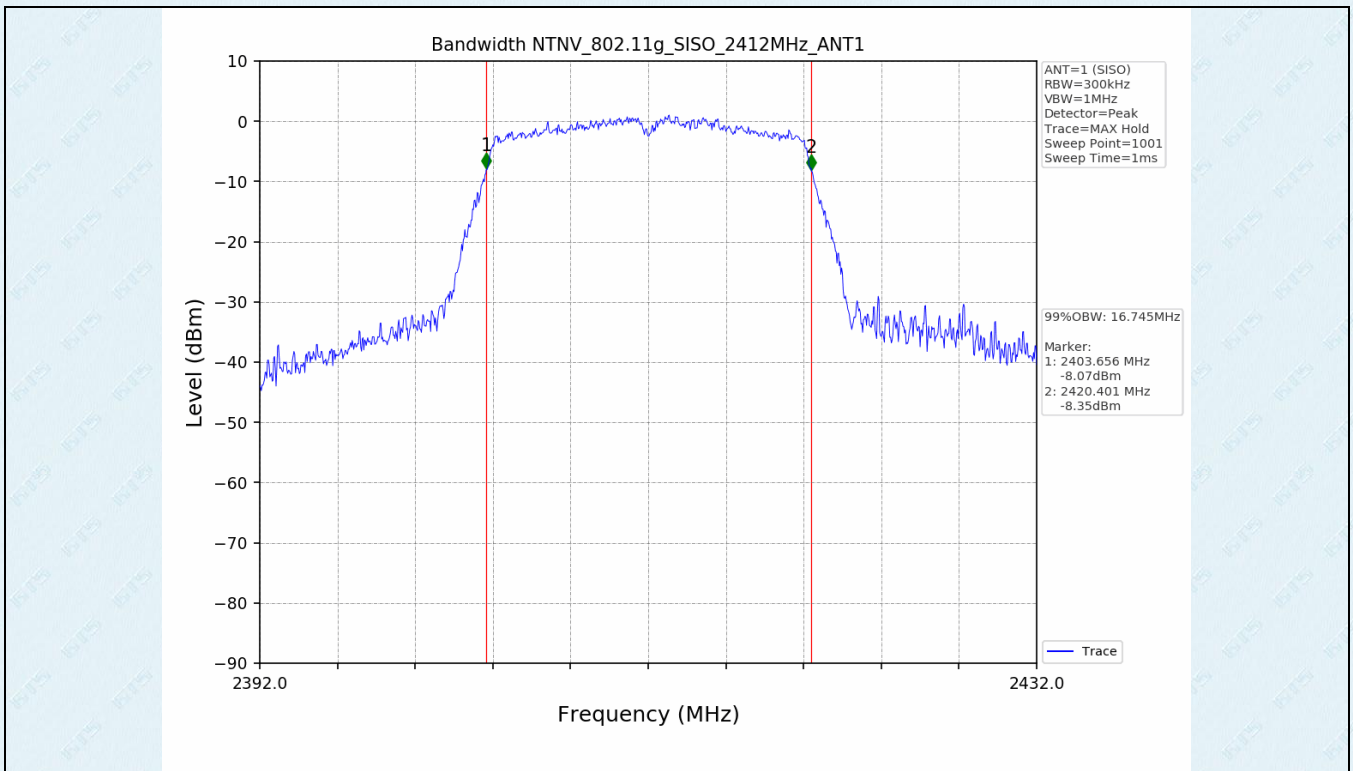
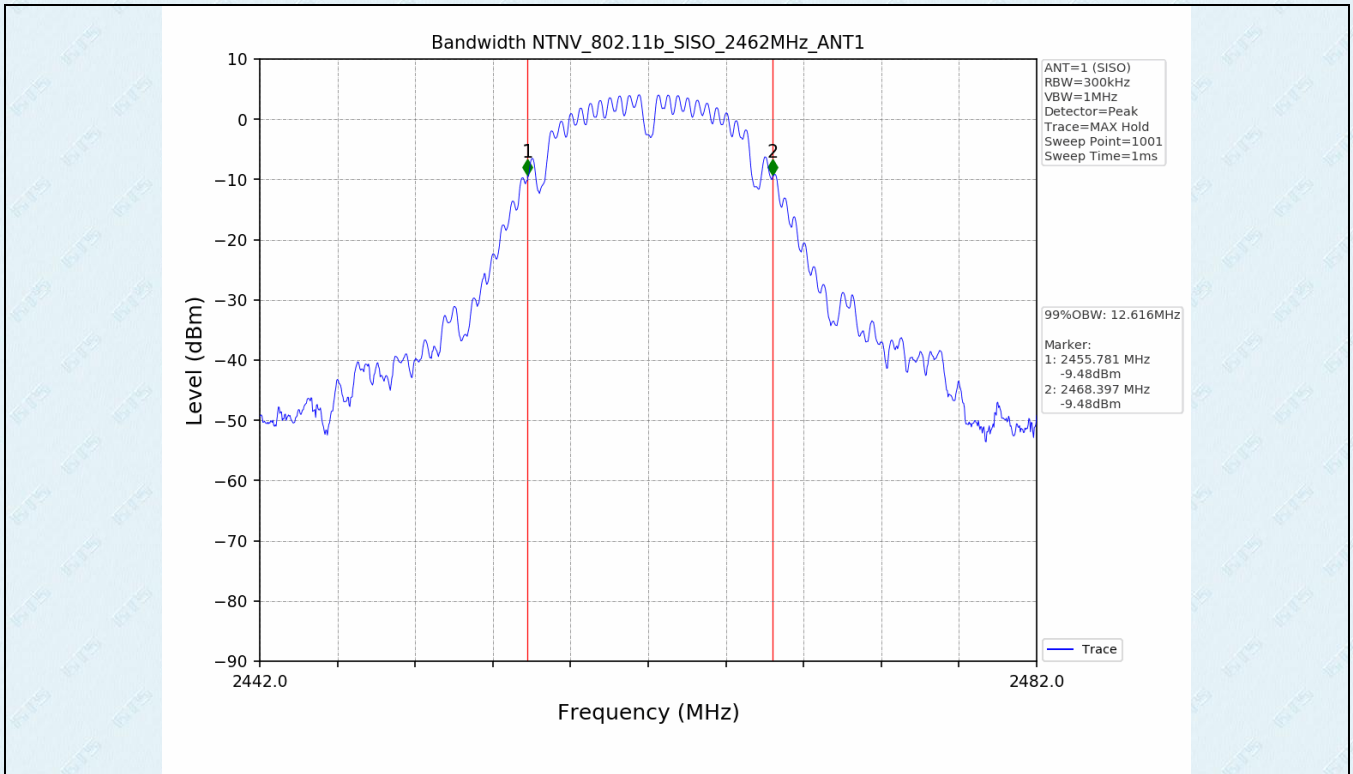


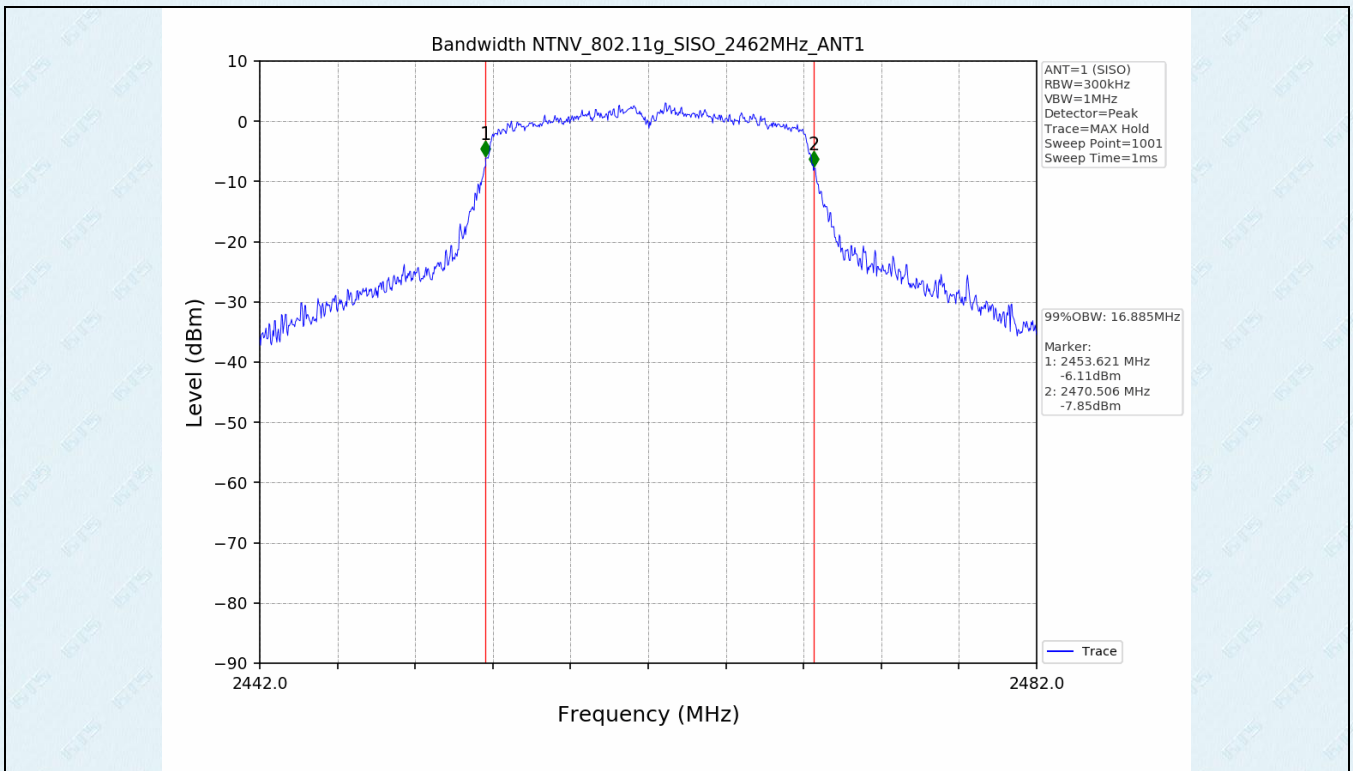
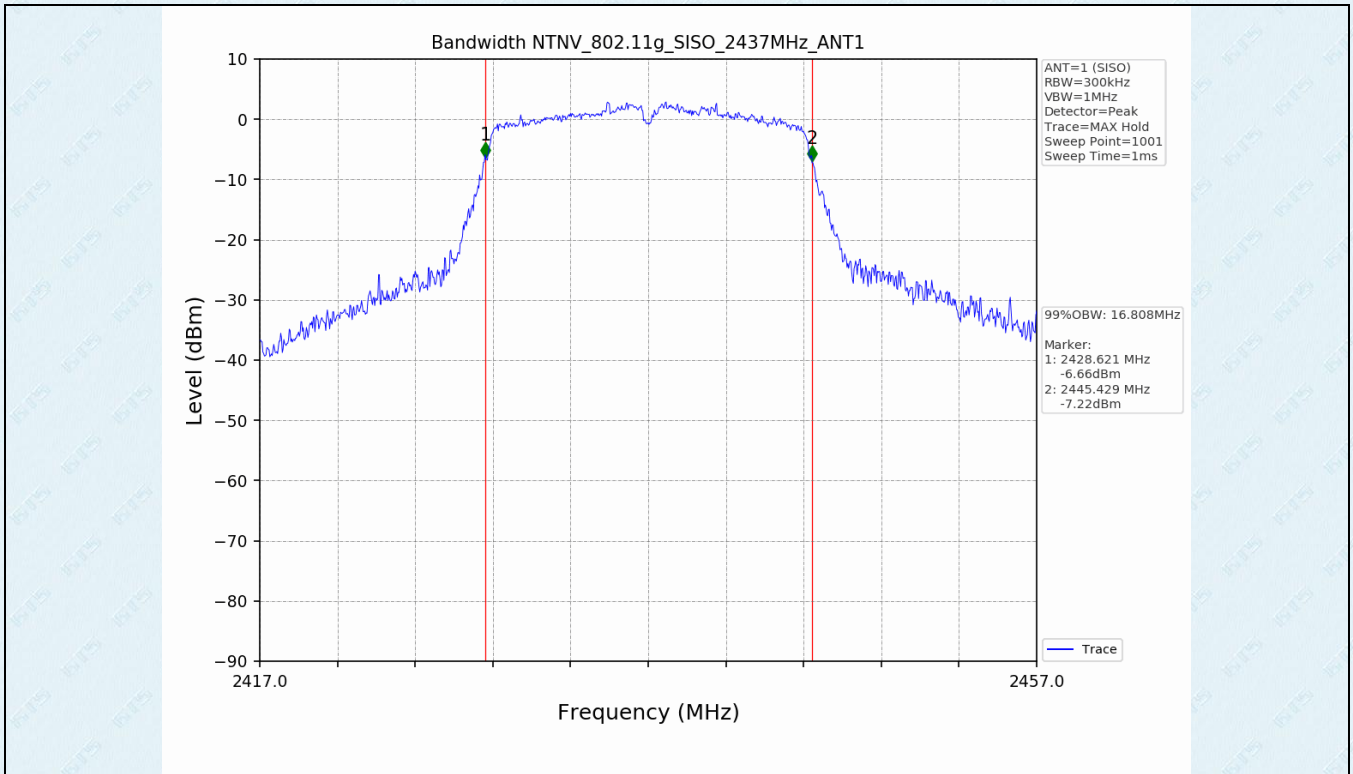


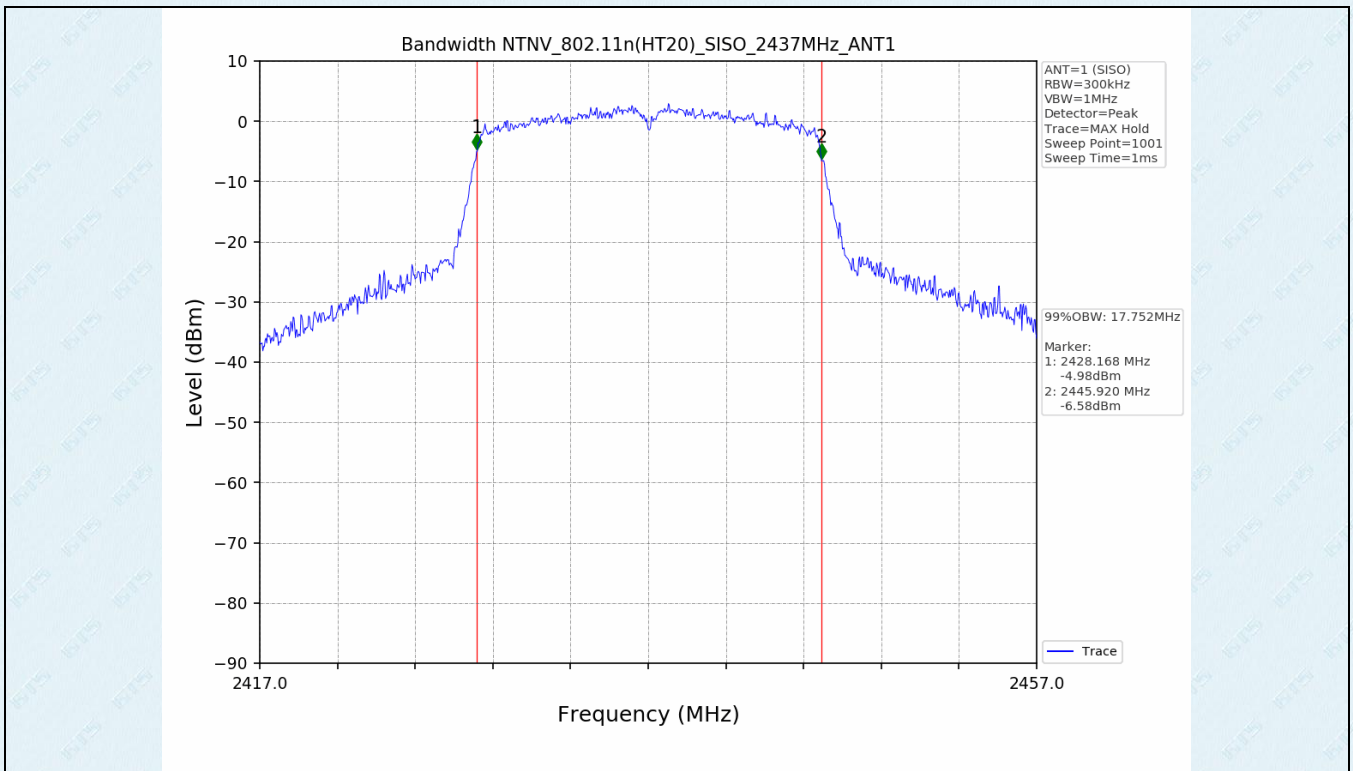
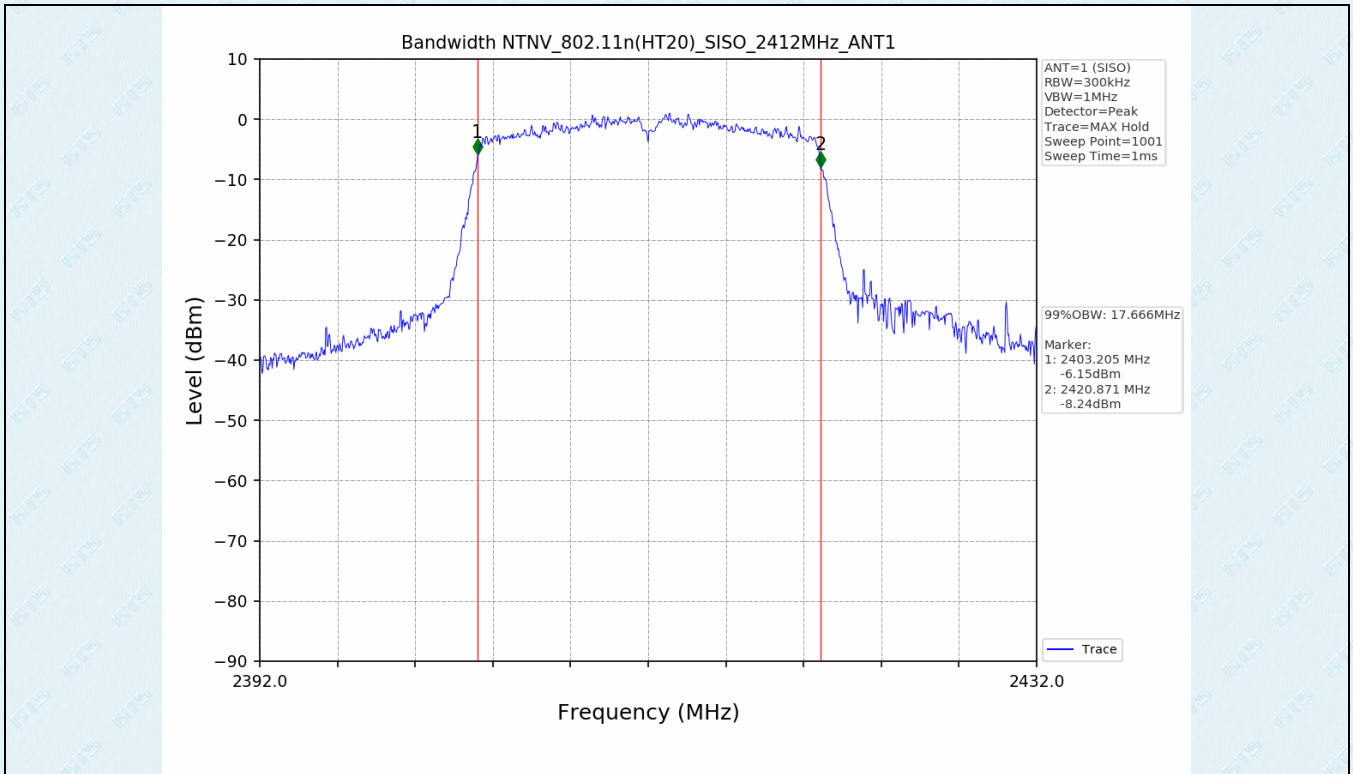


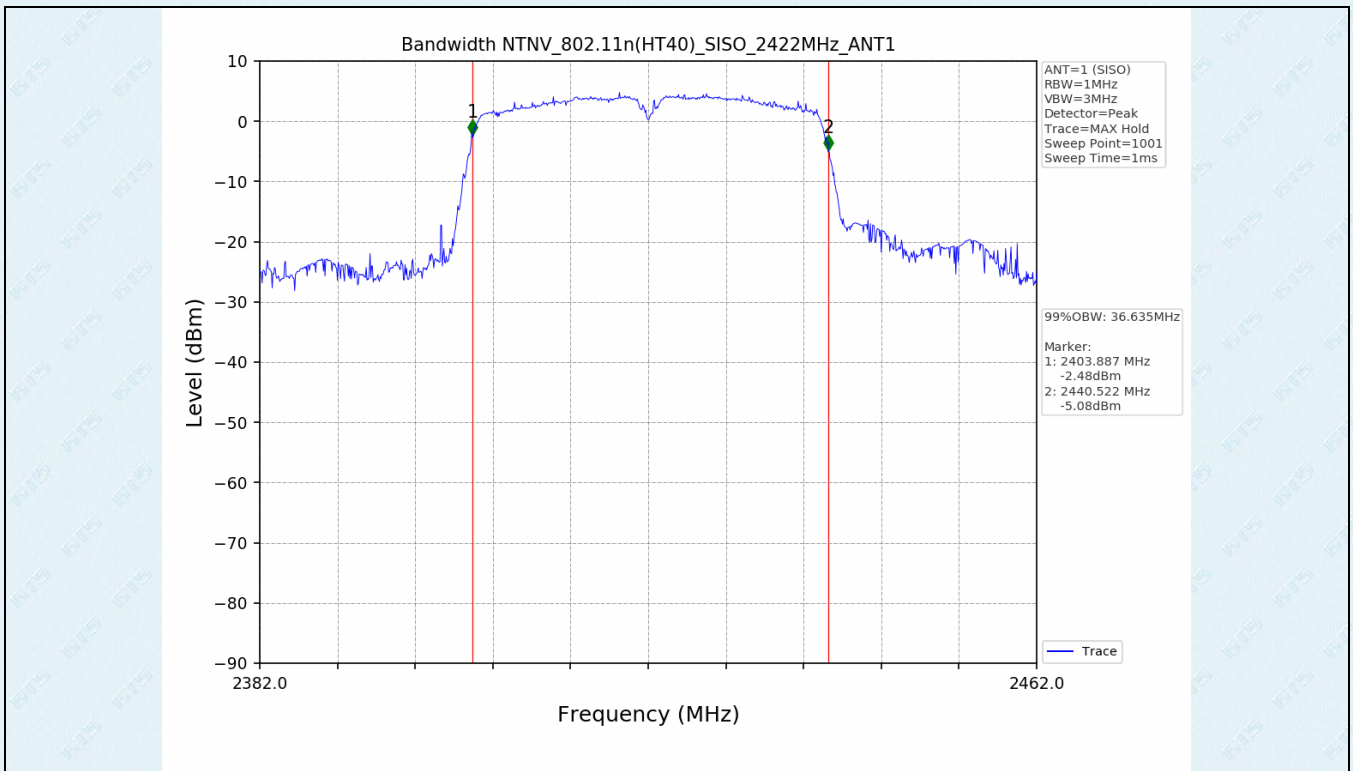
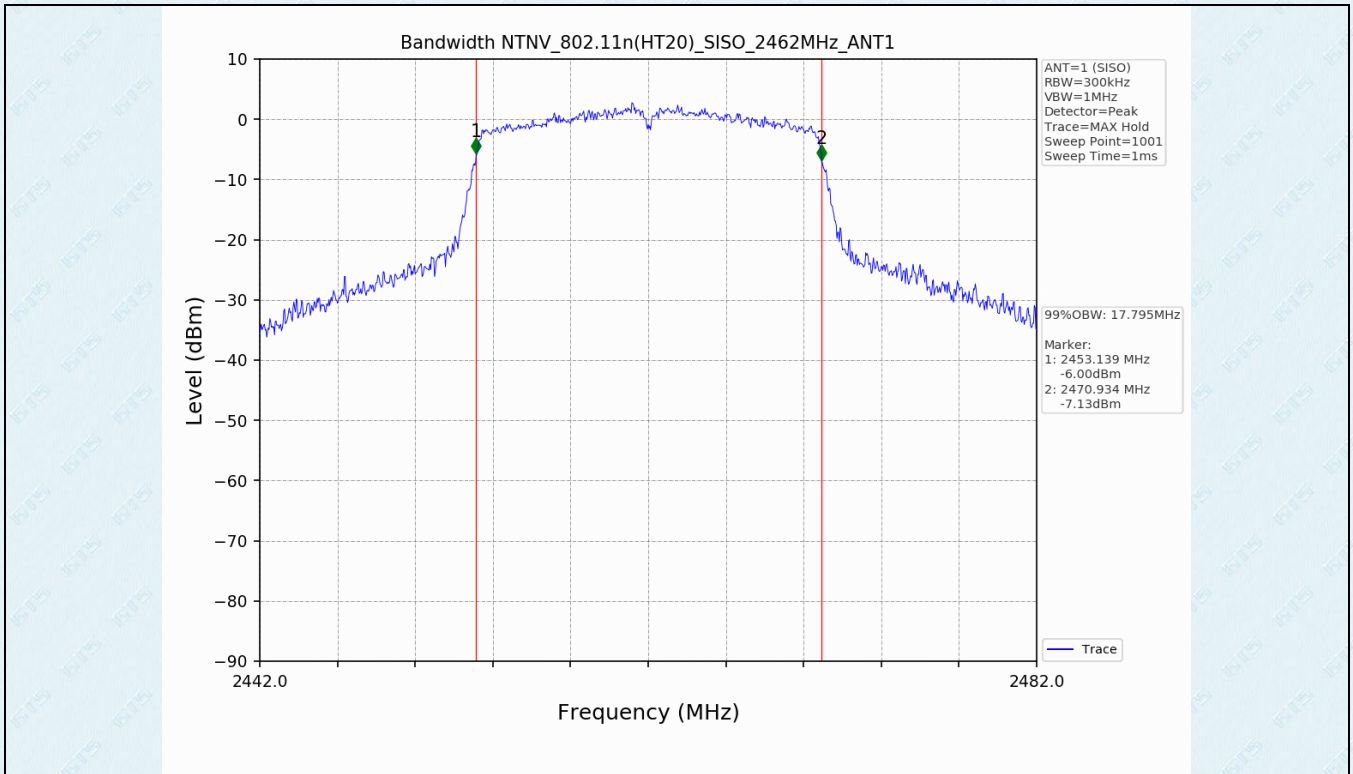
2.3 Test Graph - 99% Occupied Bandwidth

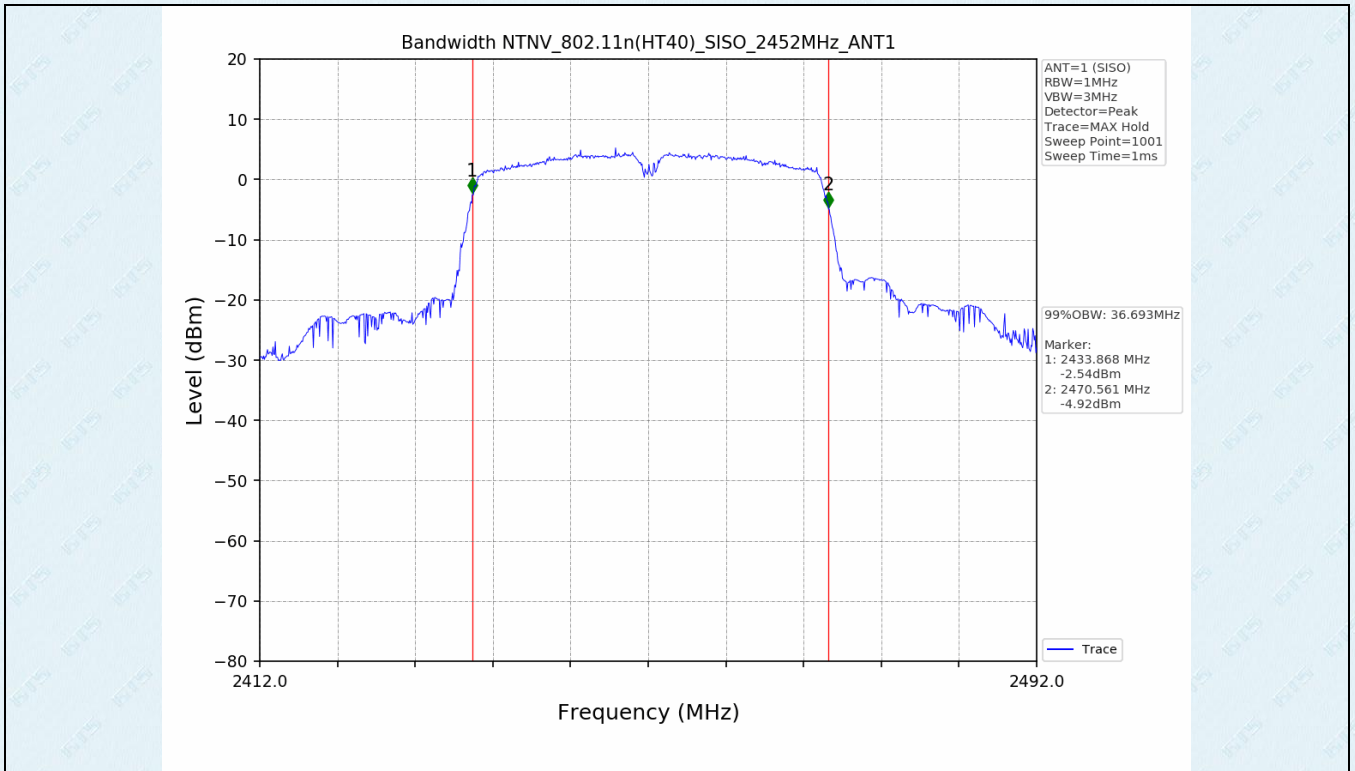
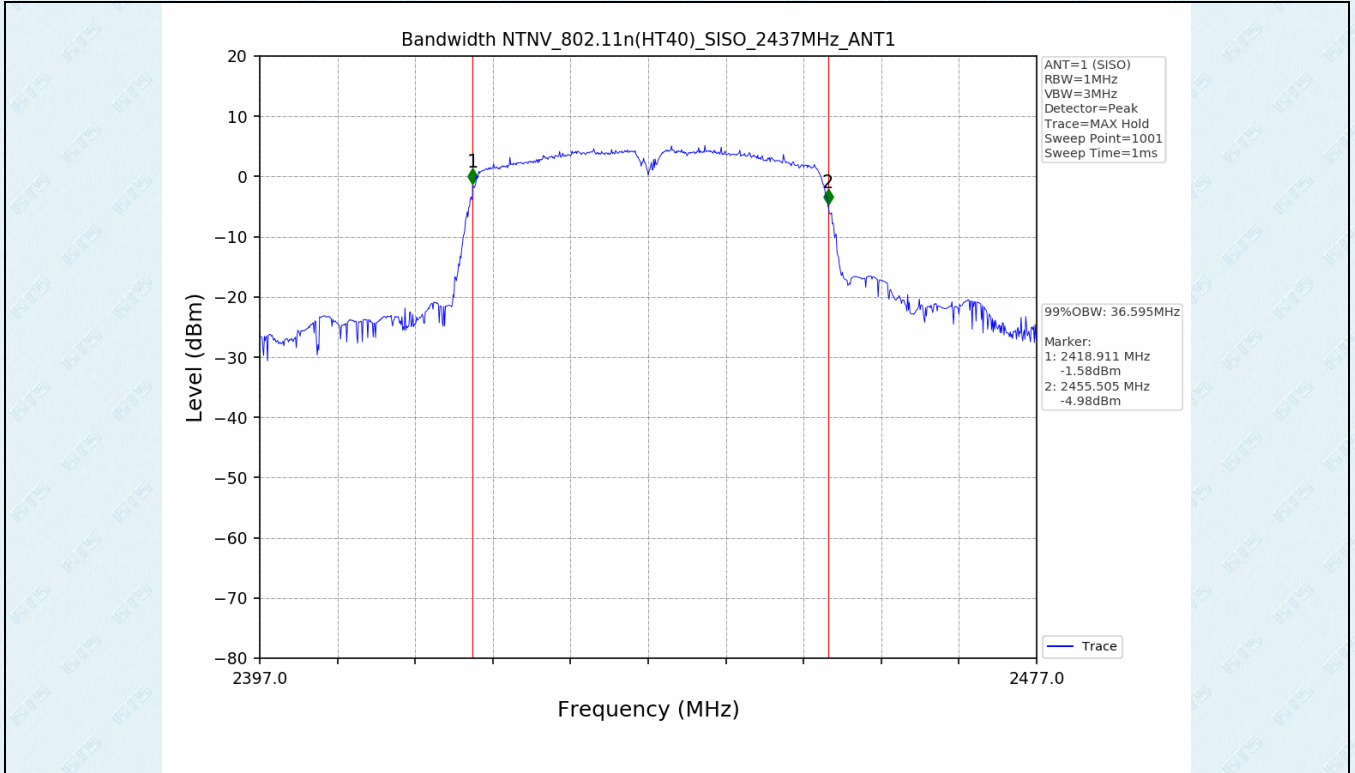










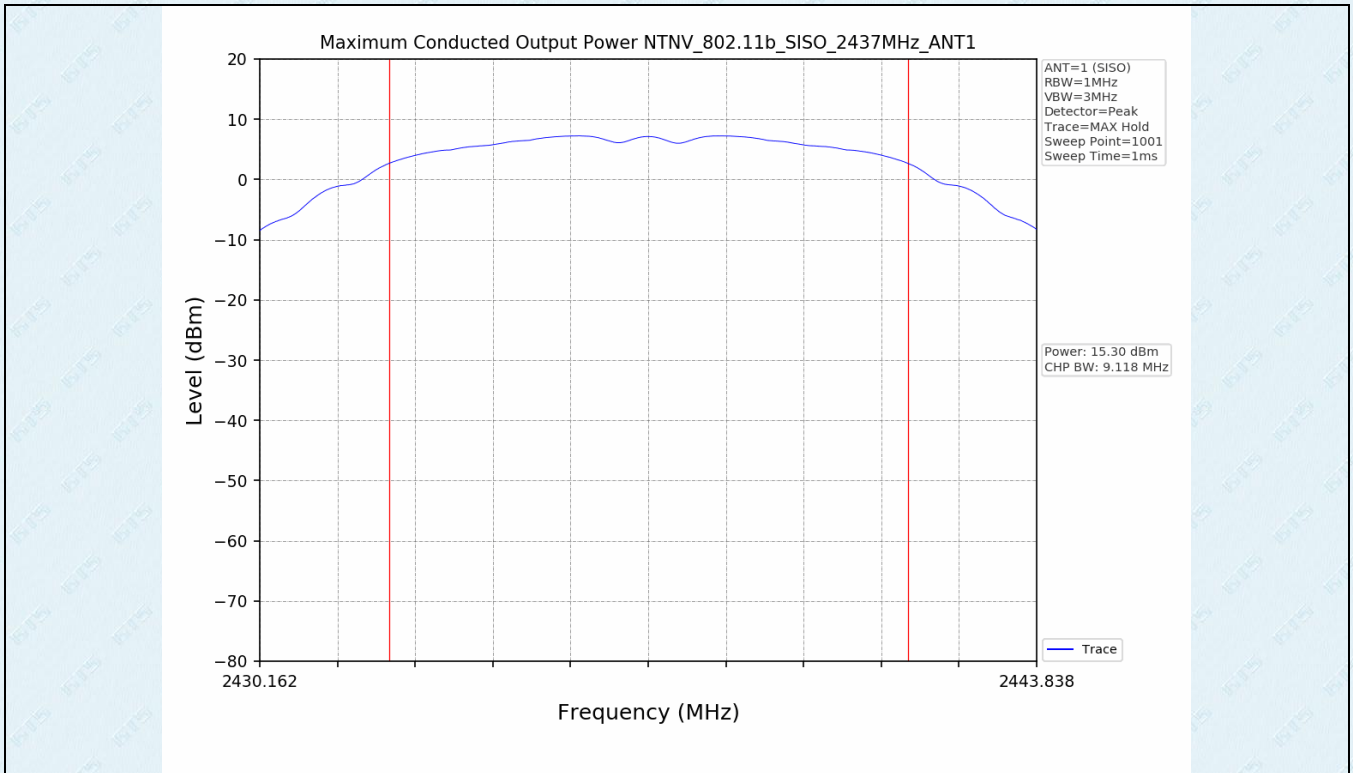
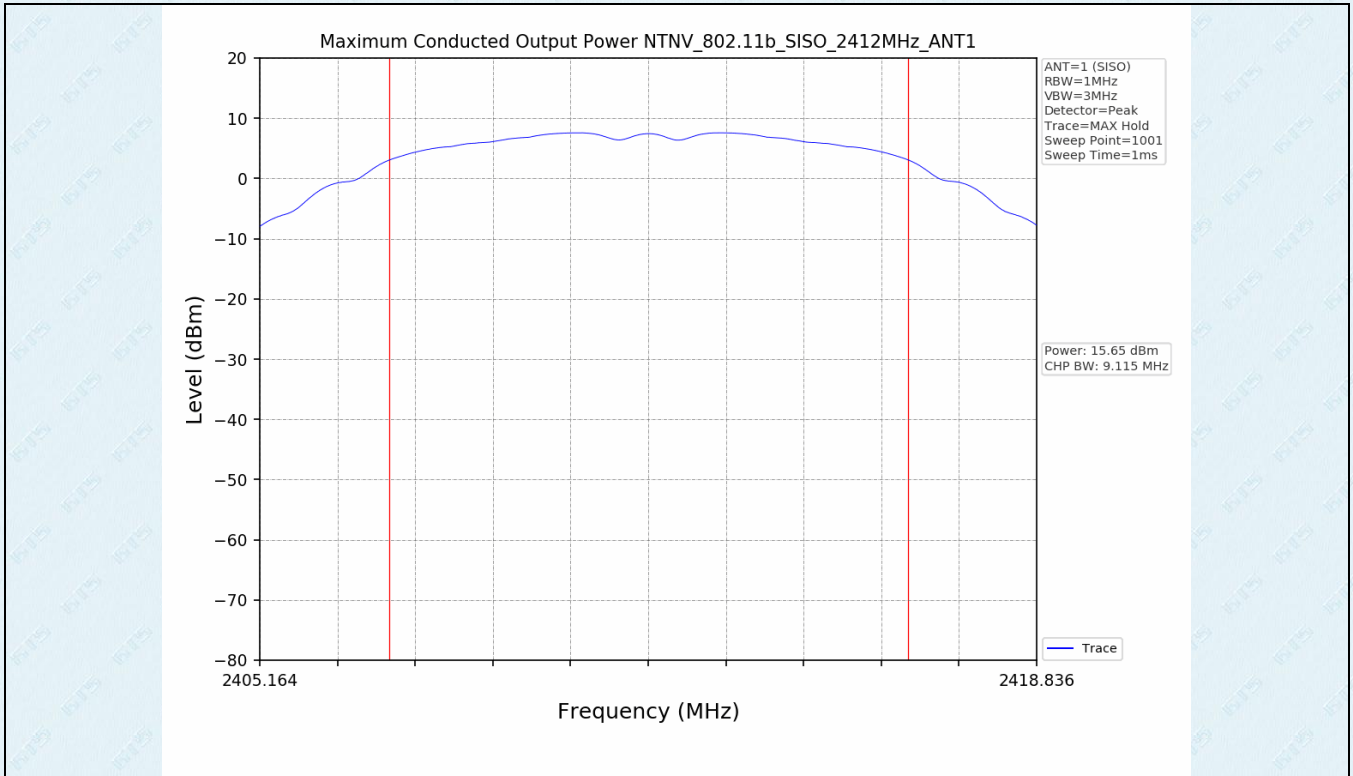


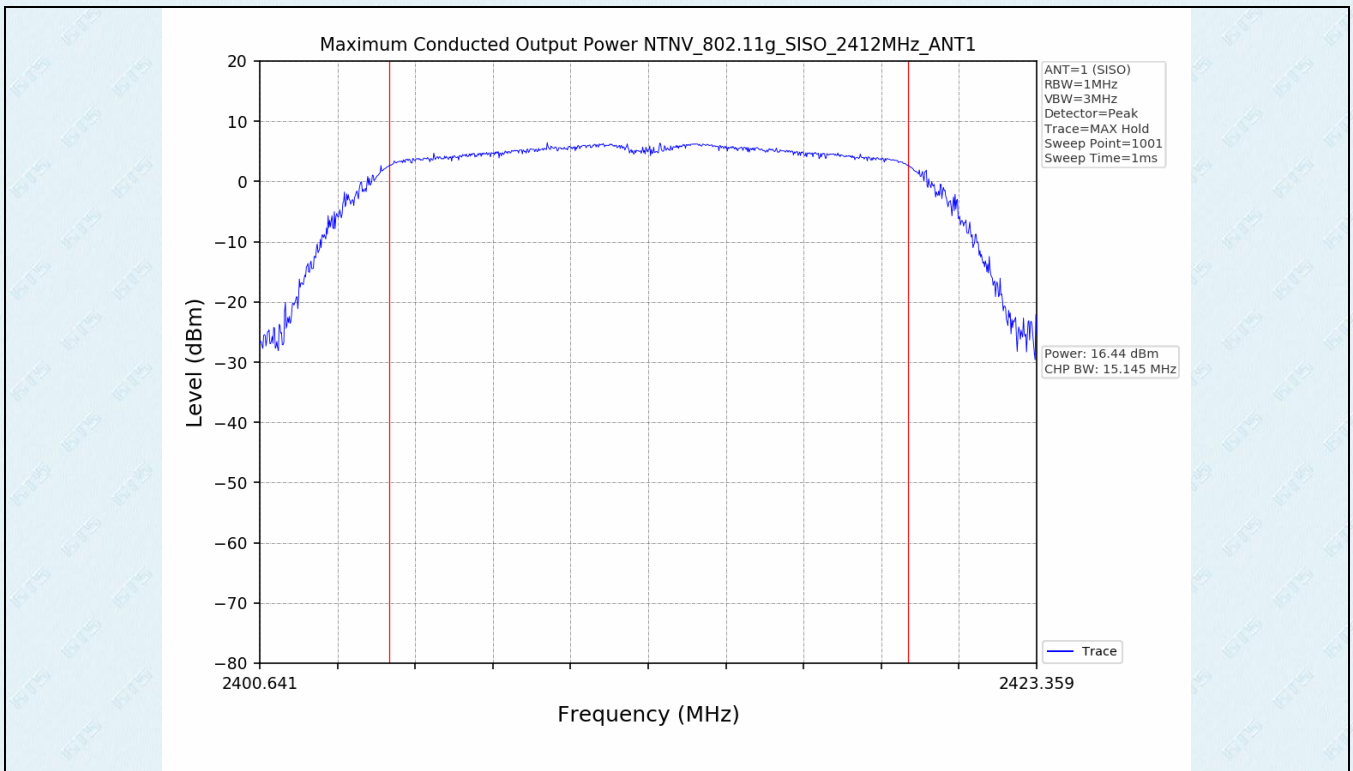
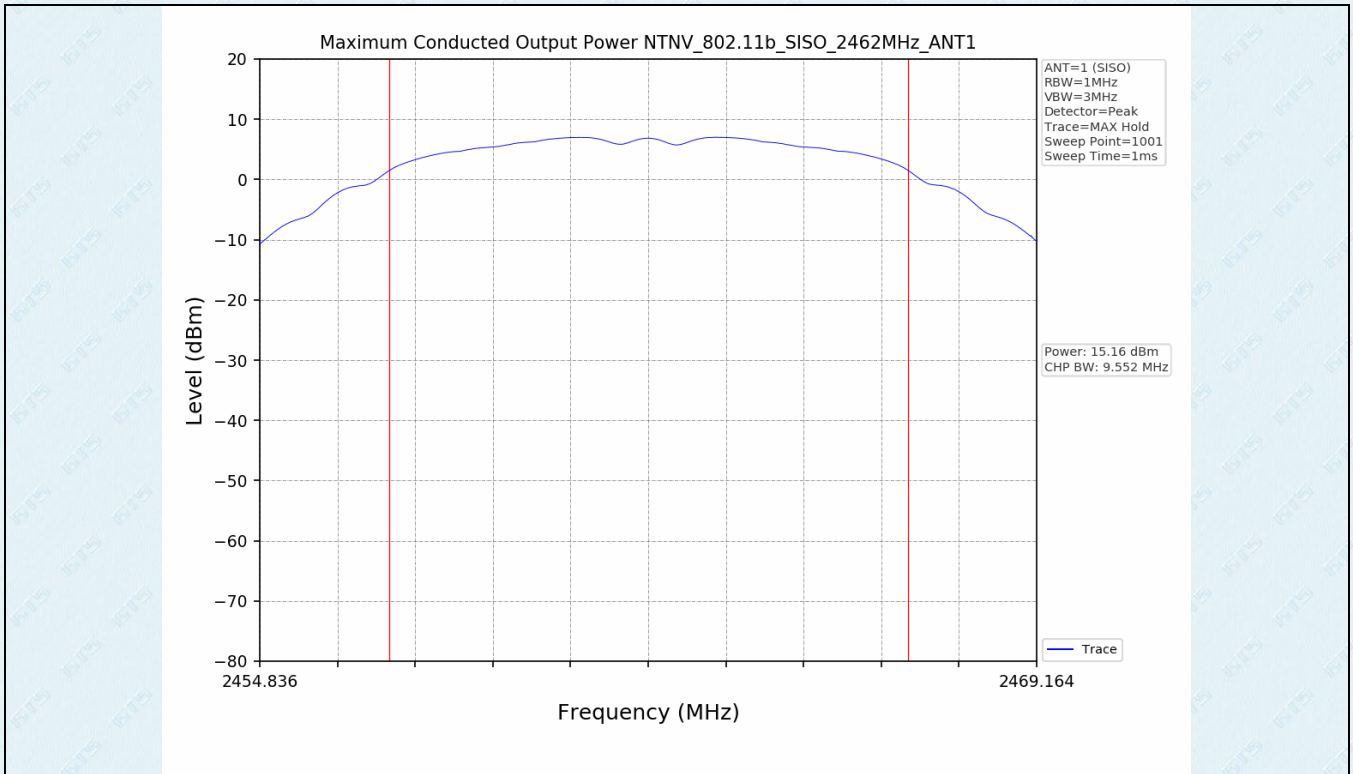
3. Maximum Conducted Output Power

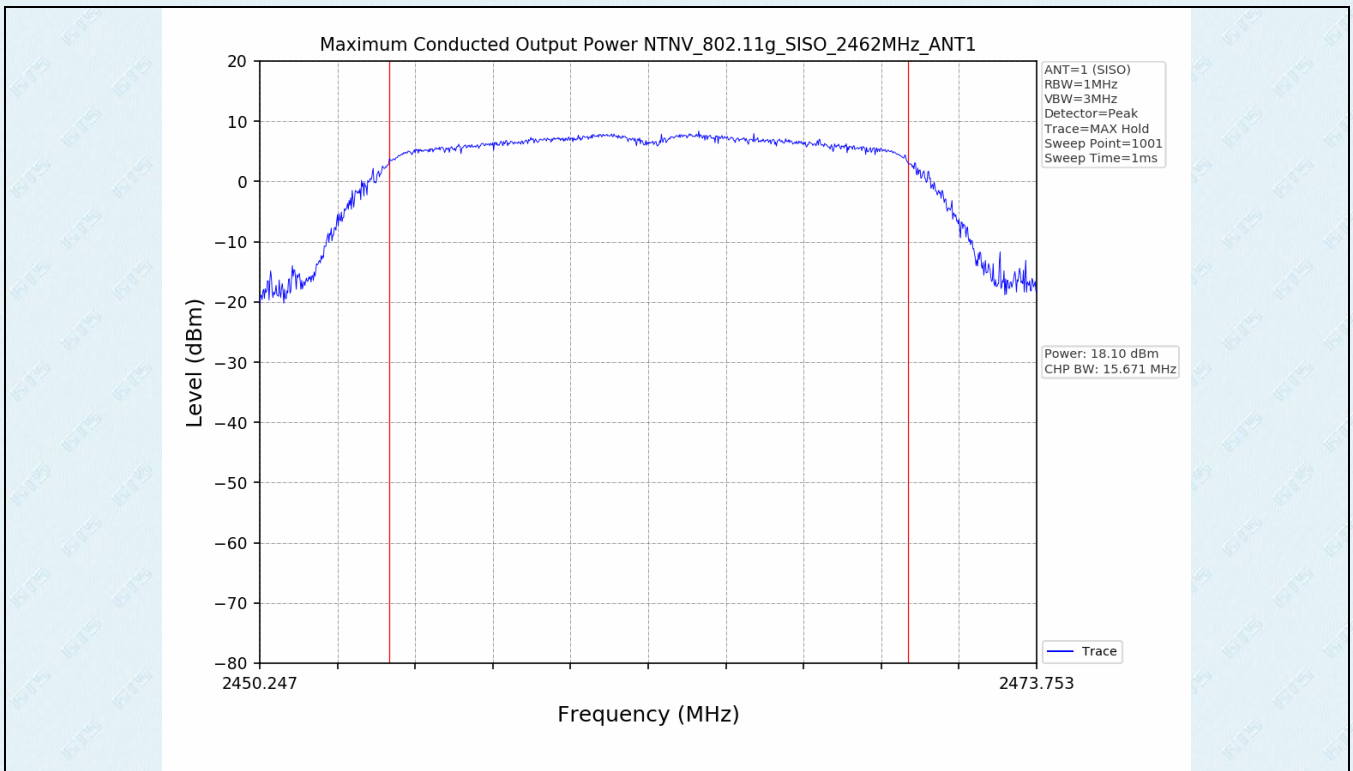
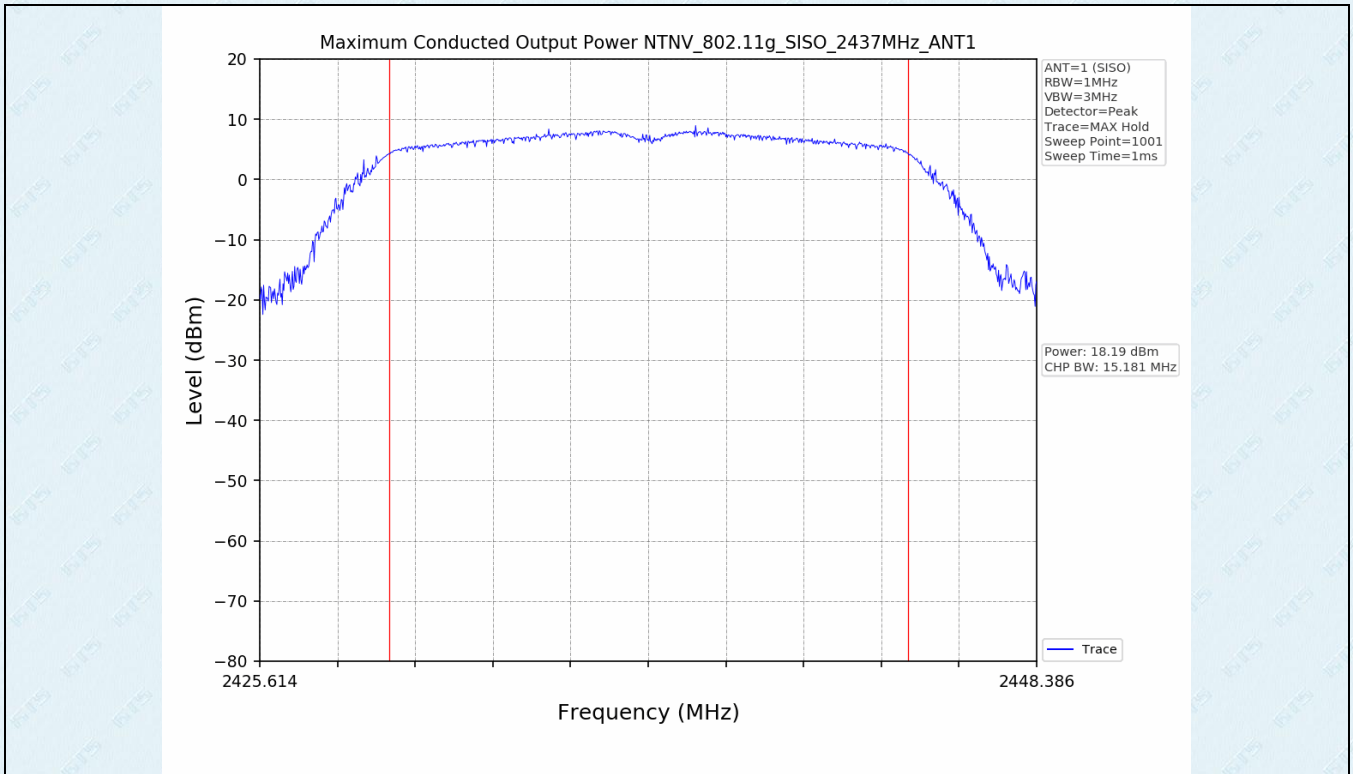
3.1 Test Result

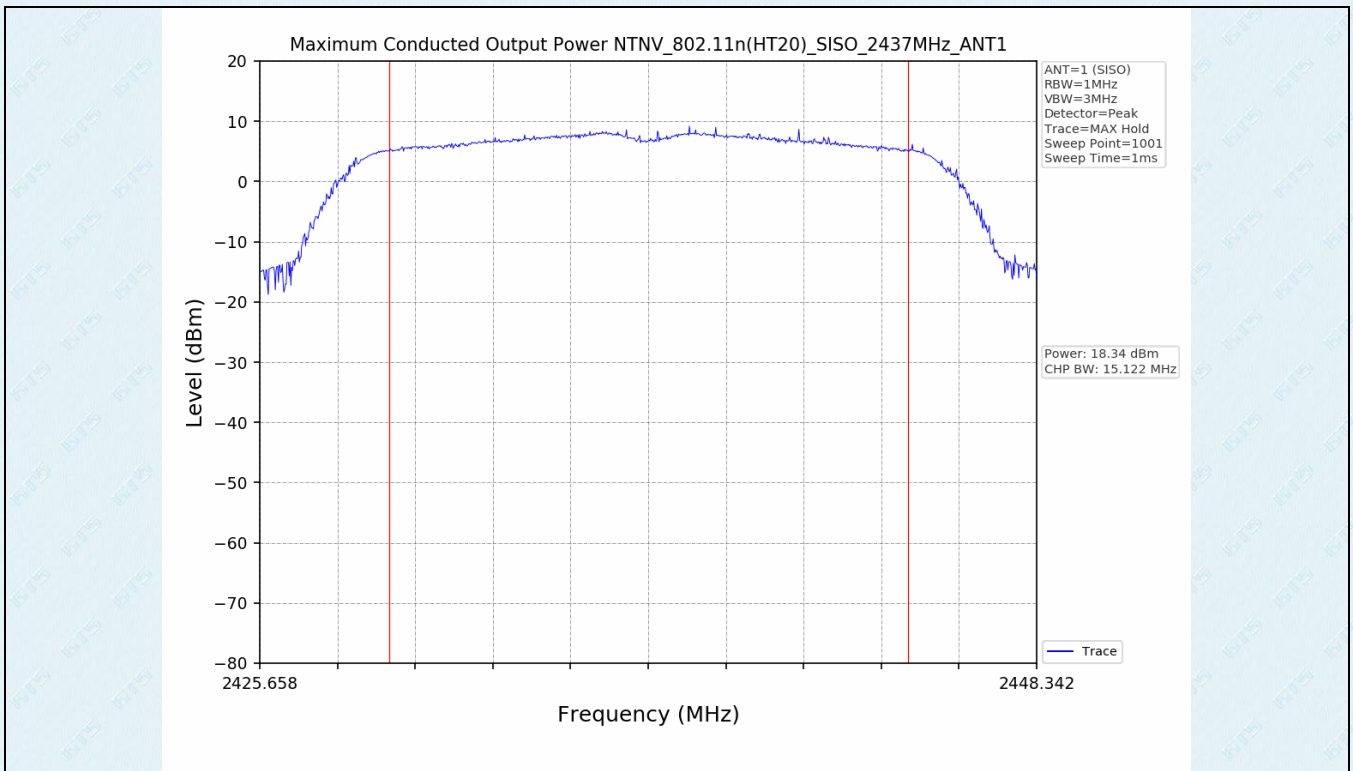
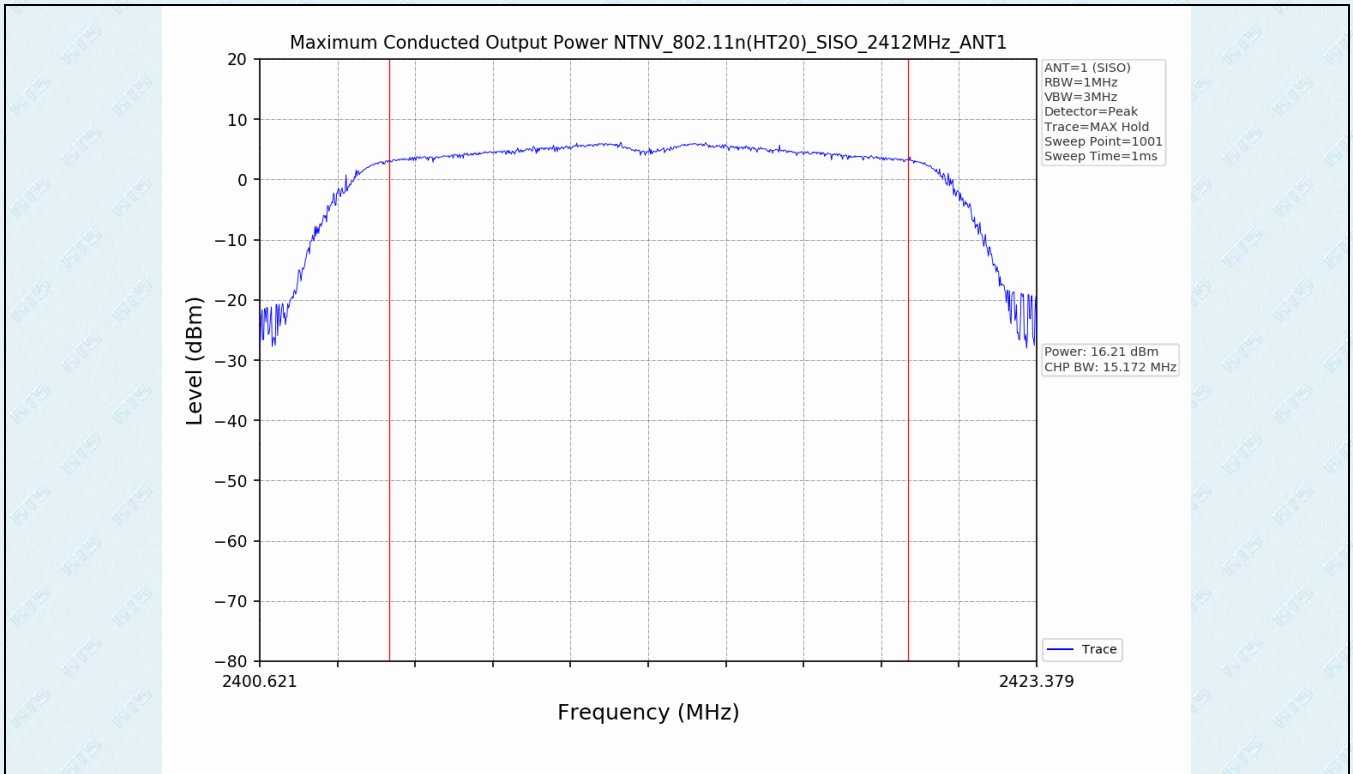
Test Mode	Frequency (MHz)	Tx Type	Measured Peak Output Power (dBm)	Limits (dBm)	Verdict
			Ant 1		
802.11b	2412	SISO	15.65	30	PASS
	2437	SISO	15.30	30	PASS
	2462	SISO	15.16	30	PASS
802.11g	2412	SISO	16.44	30	PASS
	2437	SISO	18.19	30	PASS
	2462	SISO	18.10	30	PASS
802.11n(HT20)	2412	SISO	16.21	30	PASS
	2437	SISO	18.34	30	PASS
	2462	SISO	17.76	30	PASS
802.11n(HT40)	2422	SISO	18.11	30	PASS
	2437	SISO	18.18	30	PASS
	2452	SISO	18.05	30	PASS

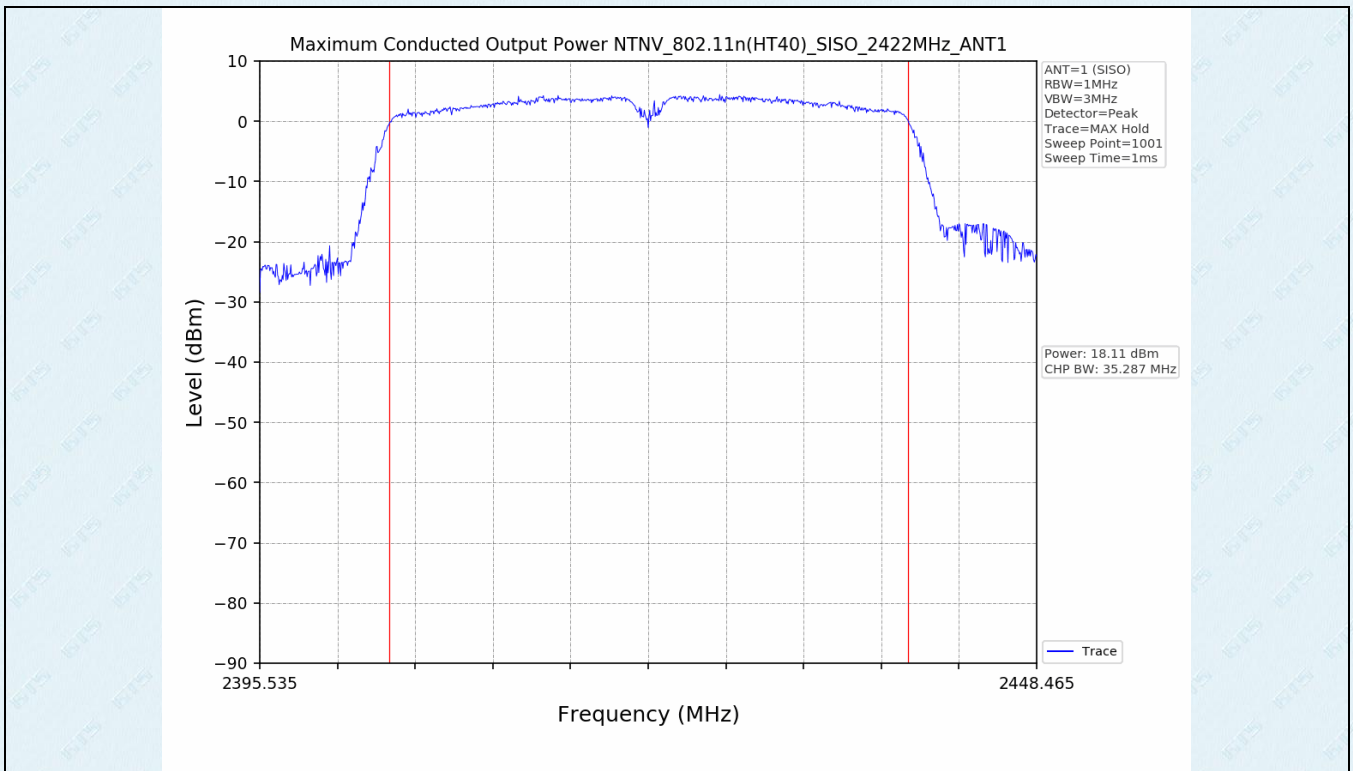
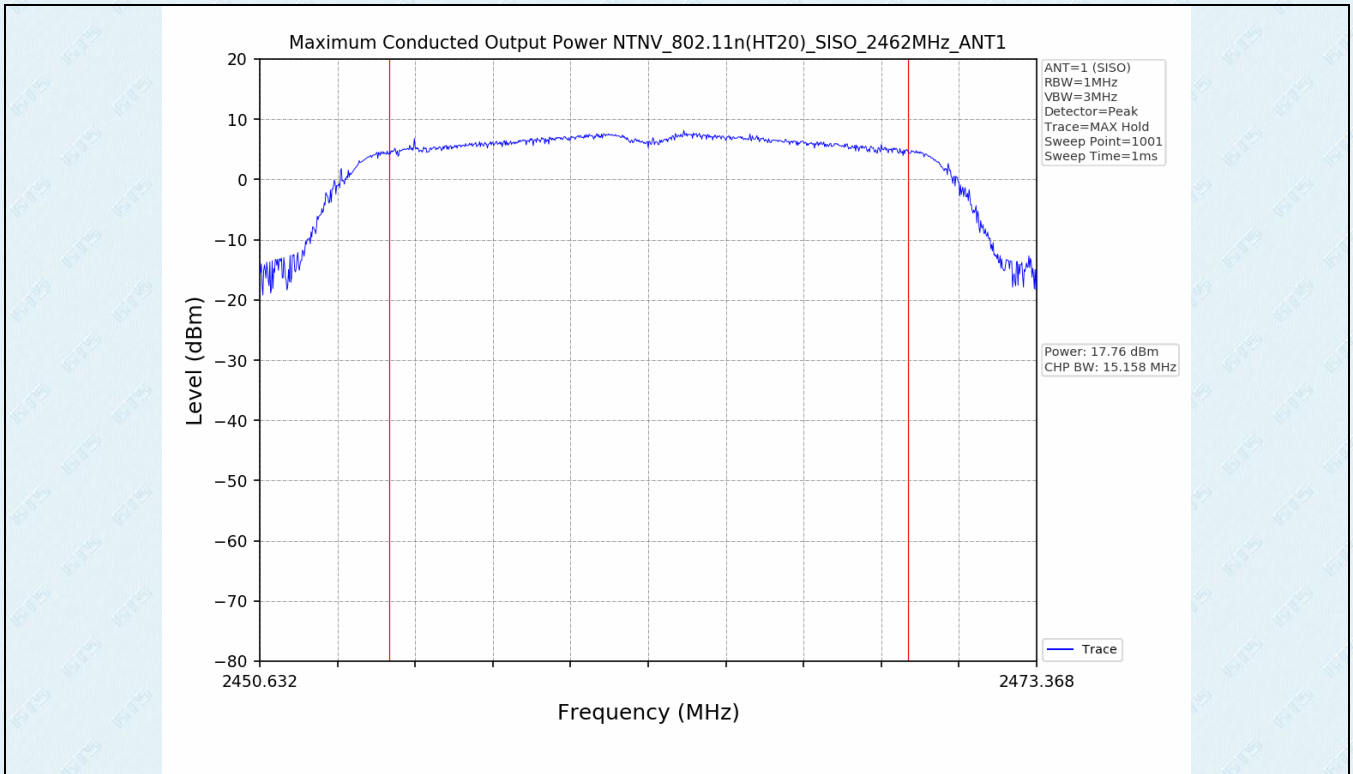
3.2 Test Graph

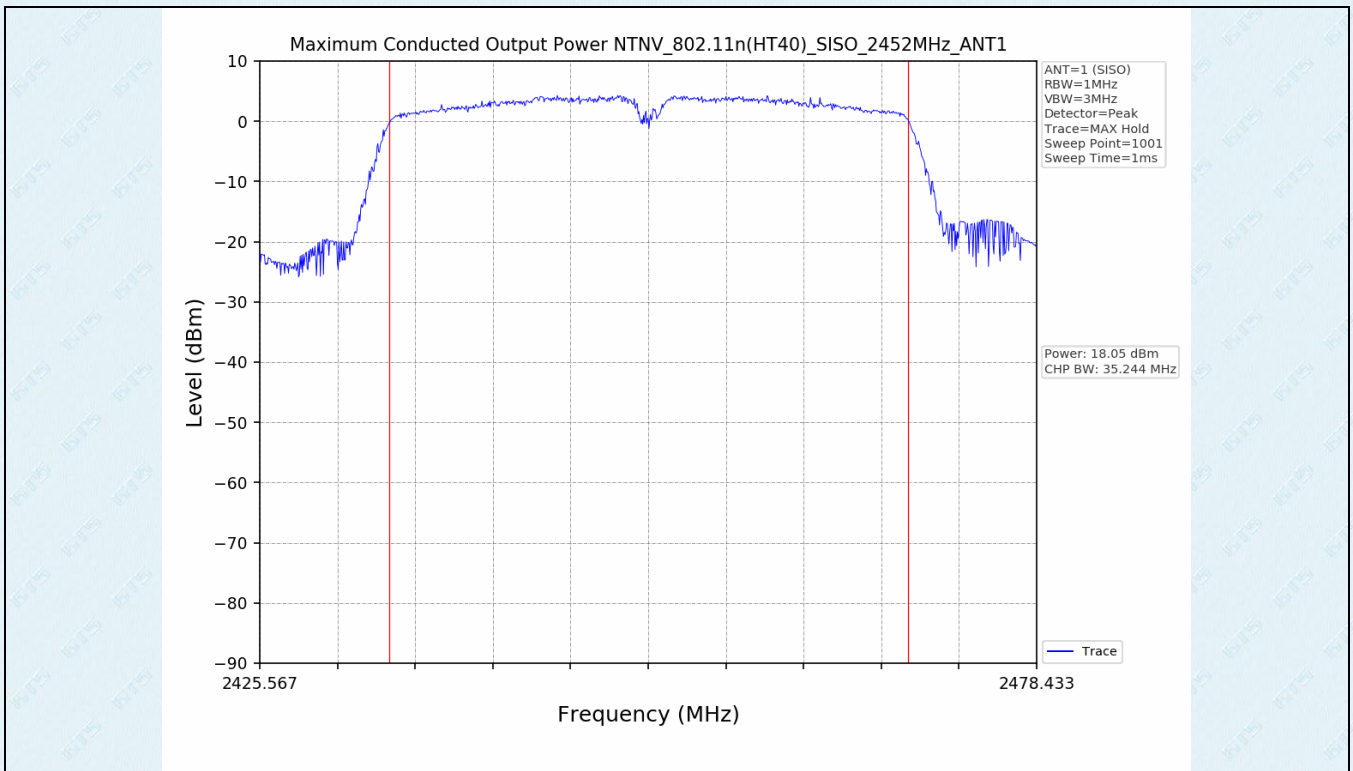
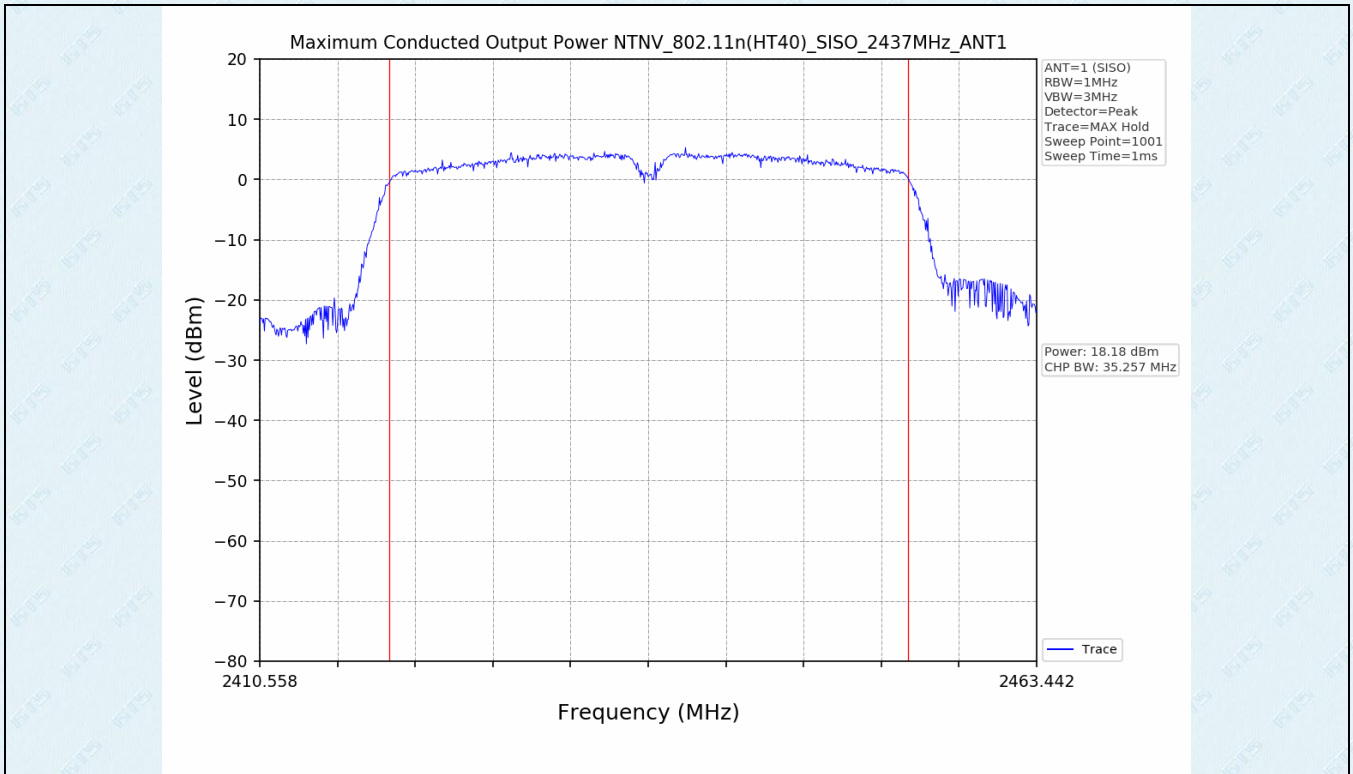










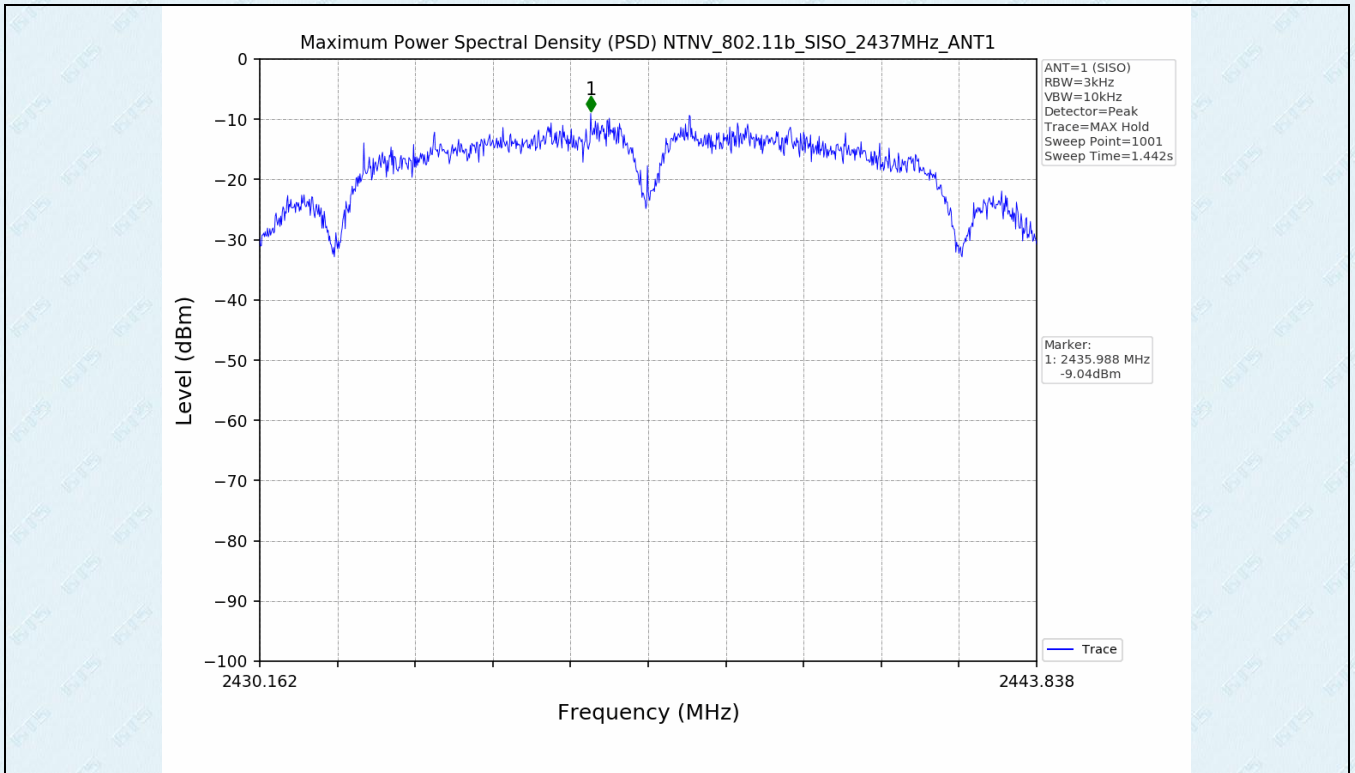
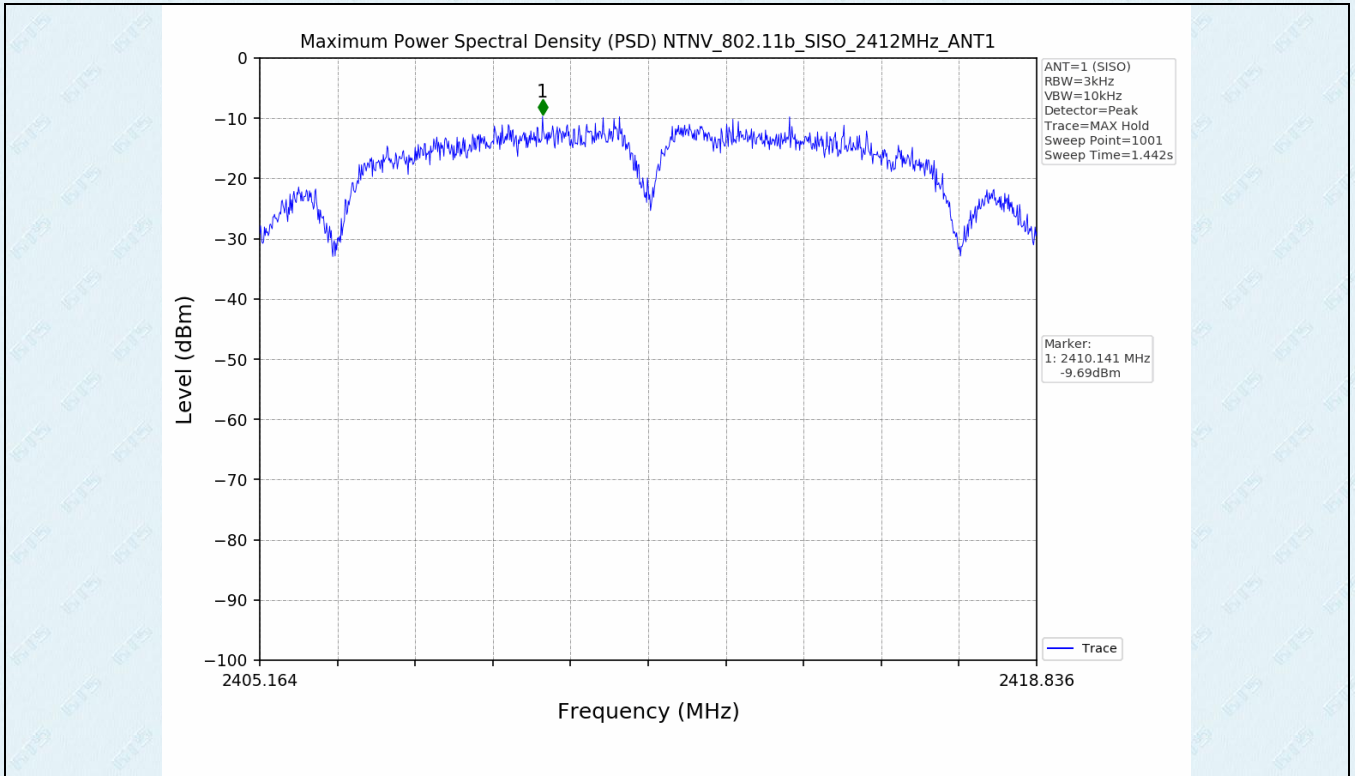


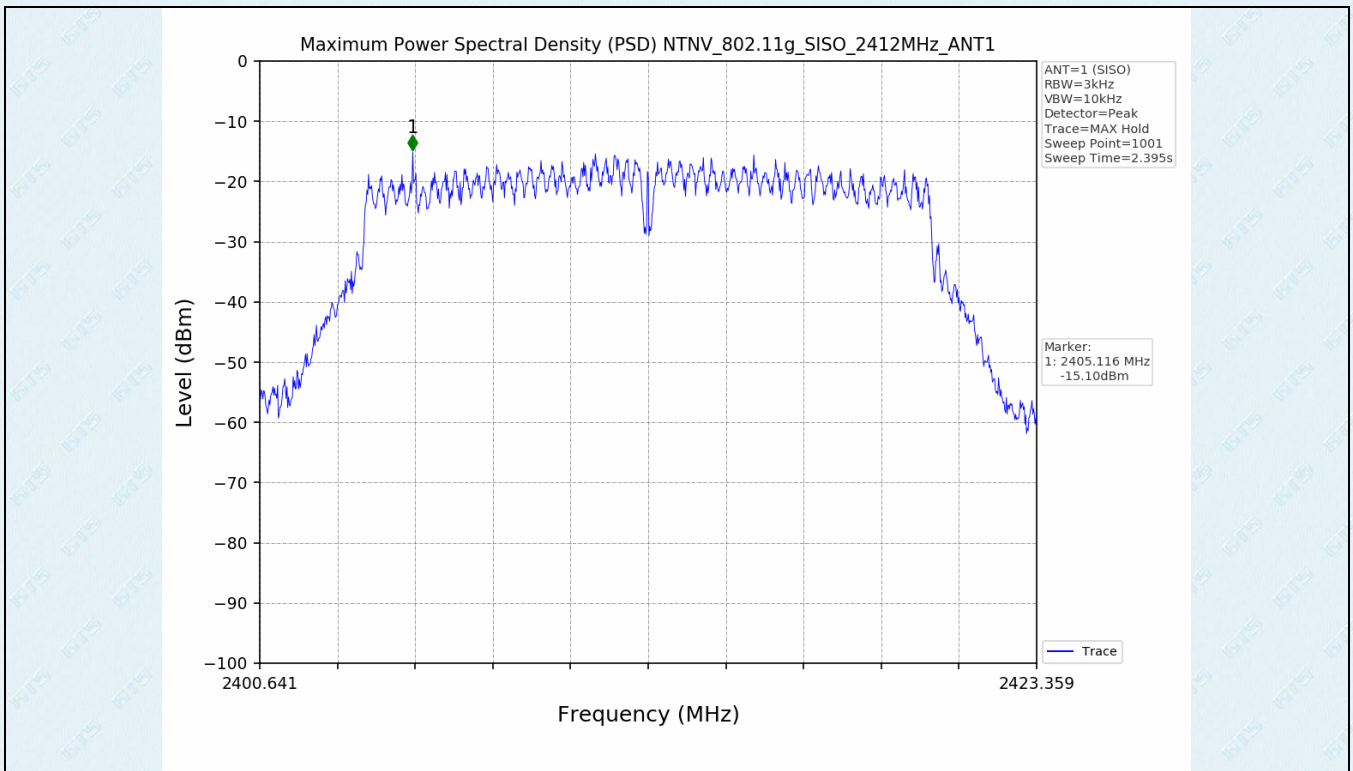
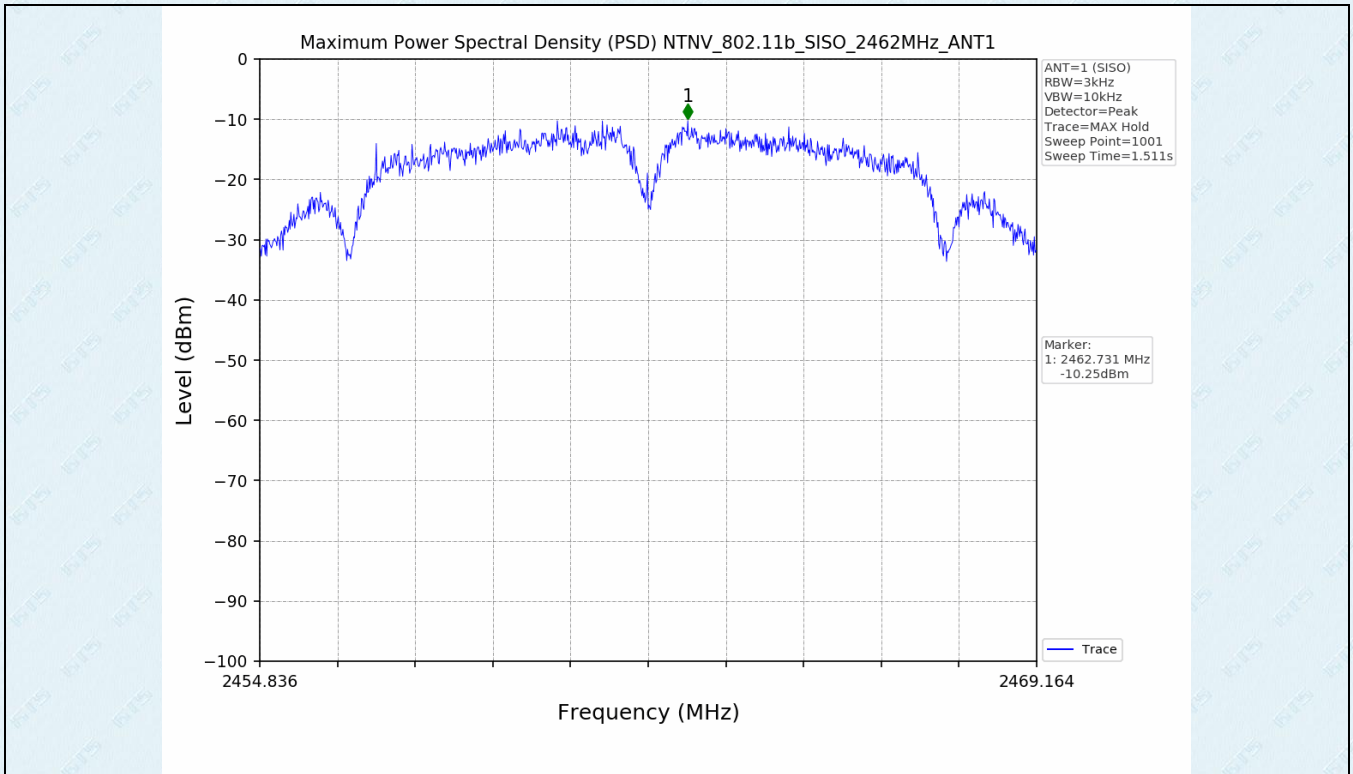
4. Maximum Power Spectral Density (PSD)

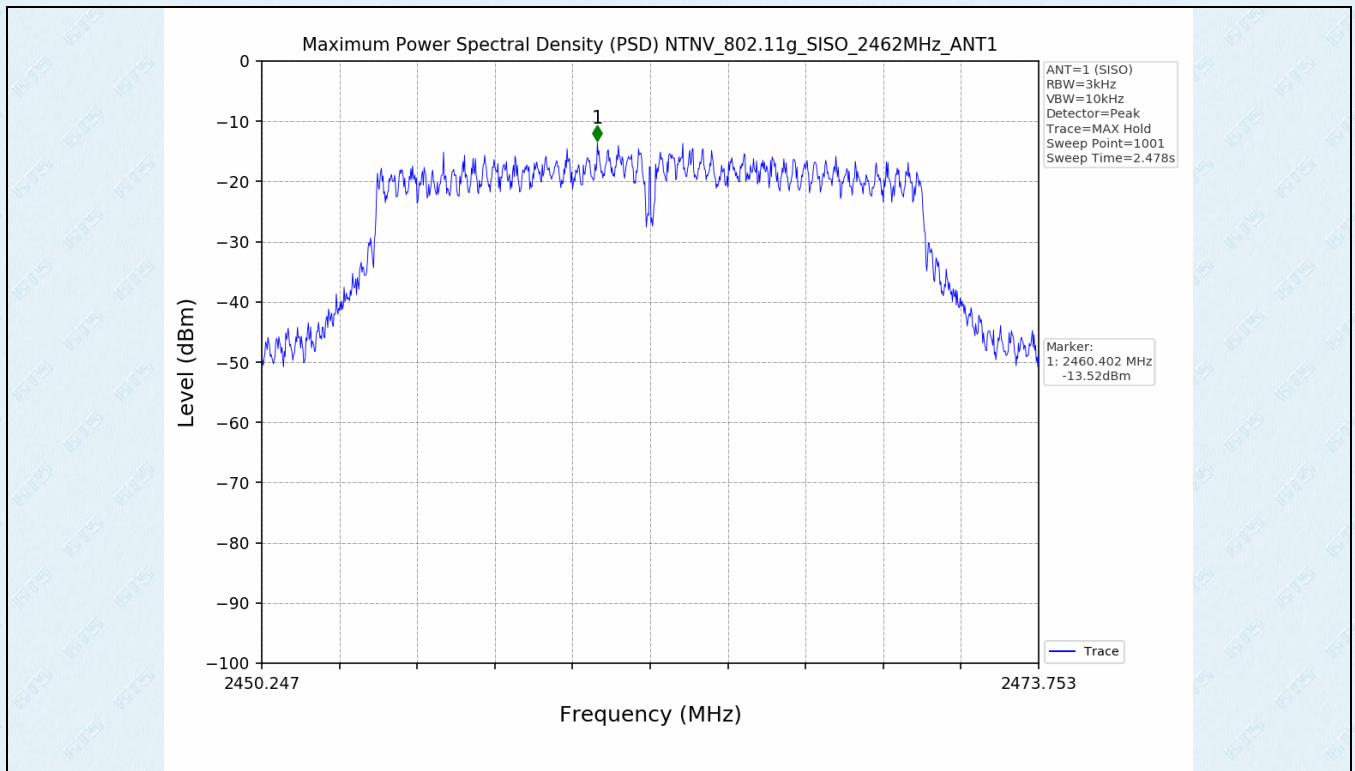
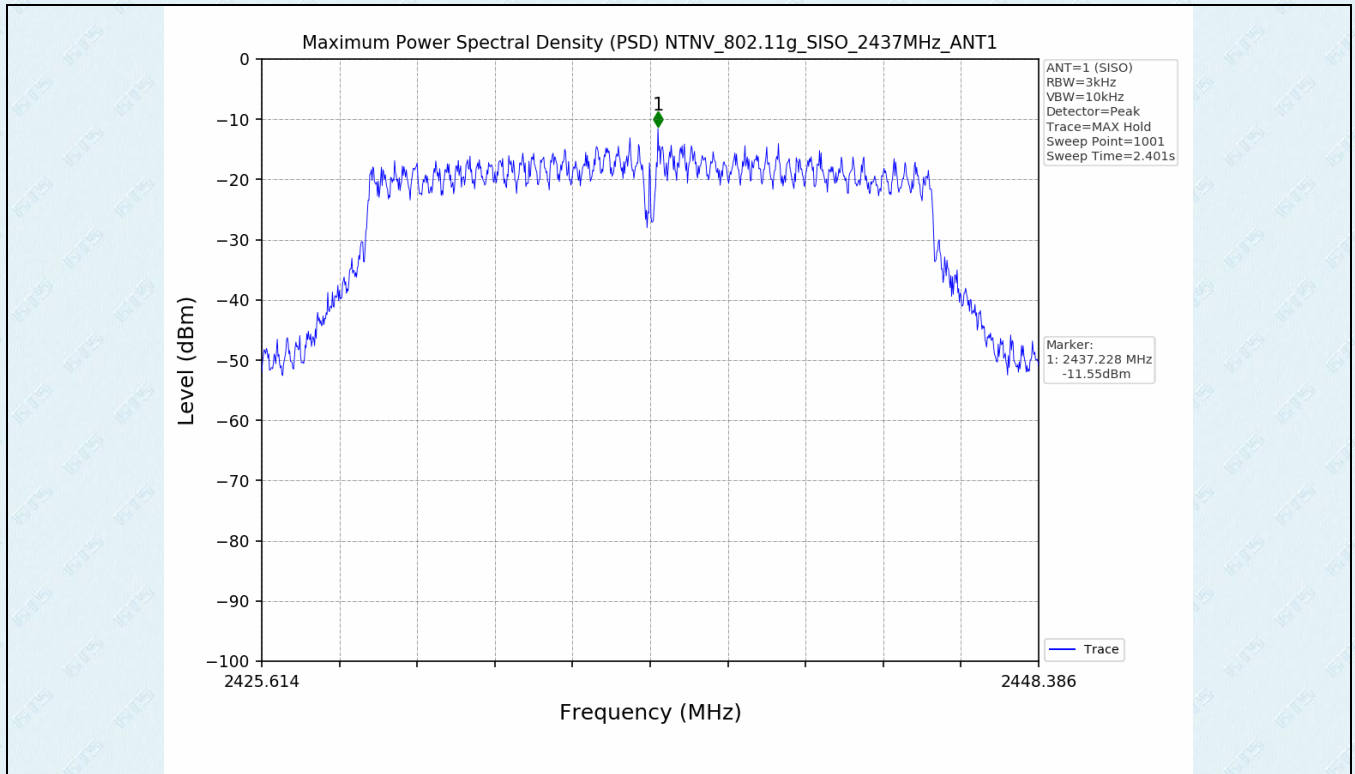
4.1 Test Result

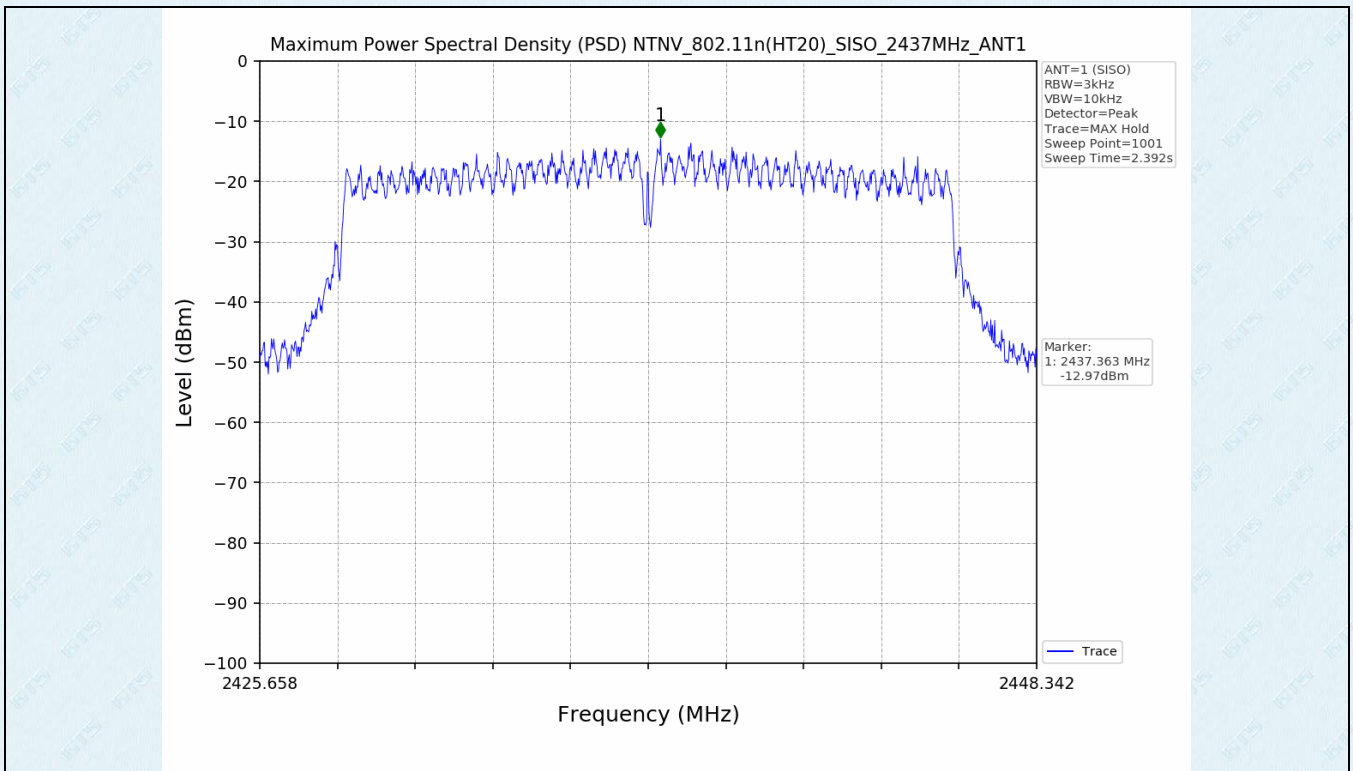
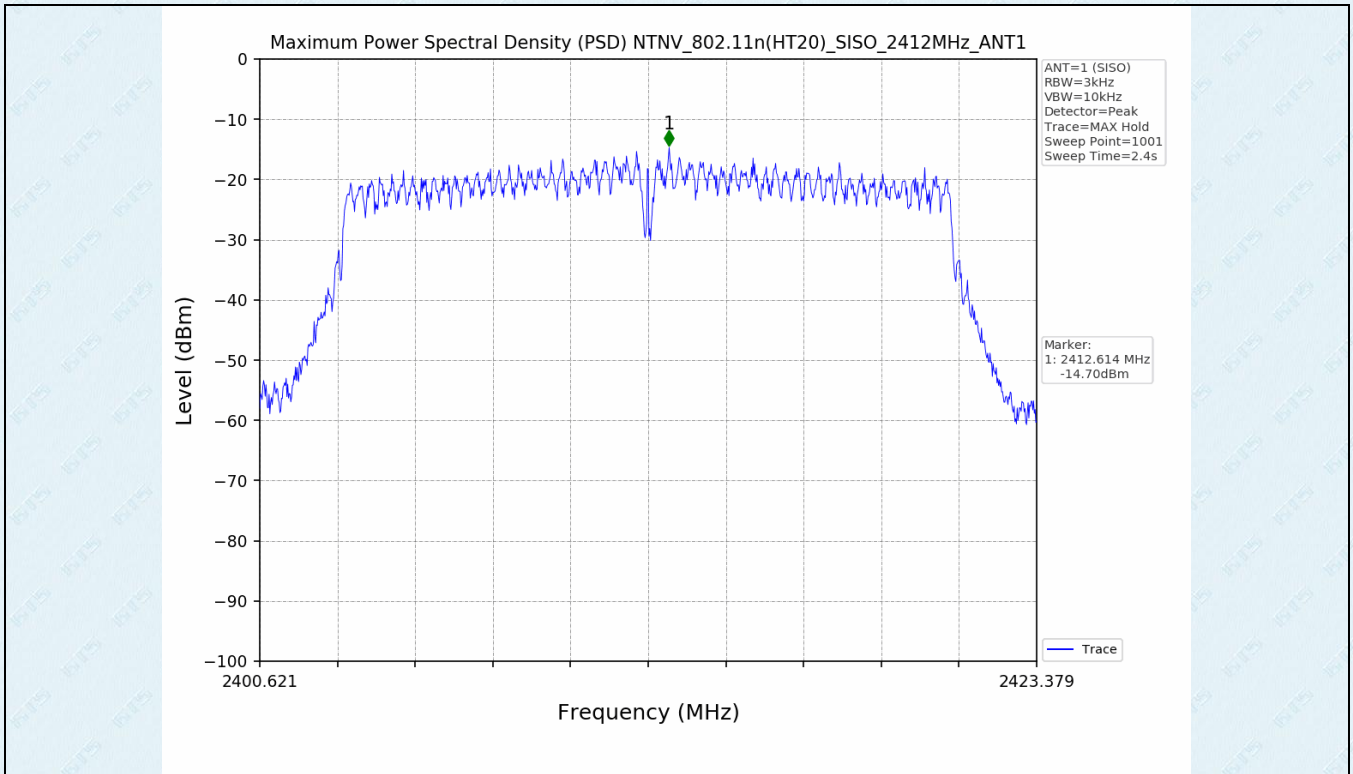
Test Mode	Frequency (MHz)	Tx Type	Maximum Power Spectral Density (dBm/3KHz)	Limits (dBm/3kHz)	Verdict
			Ant 1		
802.11b	2412	SISO	-9.69	≤8	PASS
	2437	SISO	-9.04	≤8	PASS
	2462	SISO	-10.25	≤8	PASS
802.11g	2412	SISO	-15.10	≤8	PASS
	2437	SISO	-11.55	≤8	PASS
	2462	SISO	-13.52	≤8	PASS
802.11n(HT20)	2412	SISO	-14.70	≤8	PASS
	2437	SISO	-12.97	≤8	PASS
	2462	SISO	-14.21	≤8	PASS
802.11n(HT40)	2422	SISO	-17.48	≤8	PASS
	2437	SISO	-17.06	≤8	PASS
	2452	SISO	-17.58	≤8	PASS

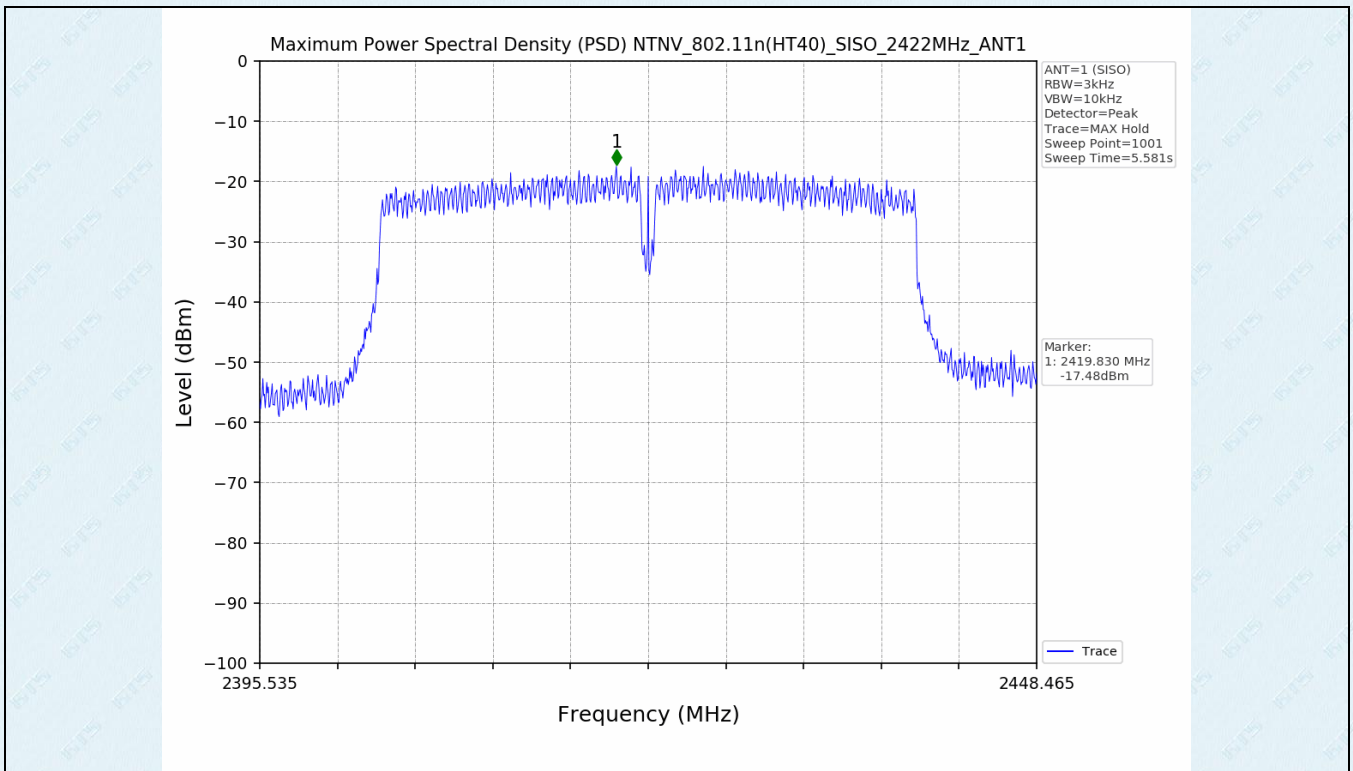
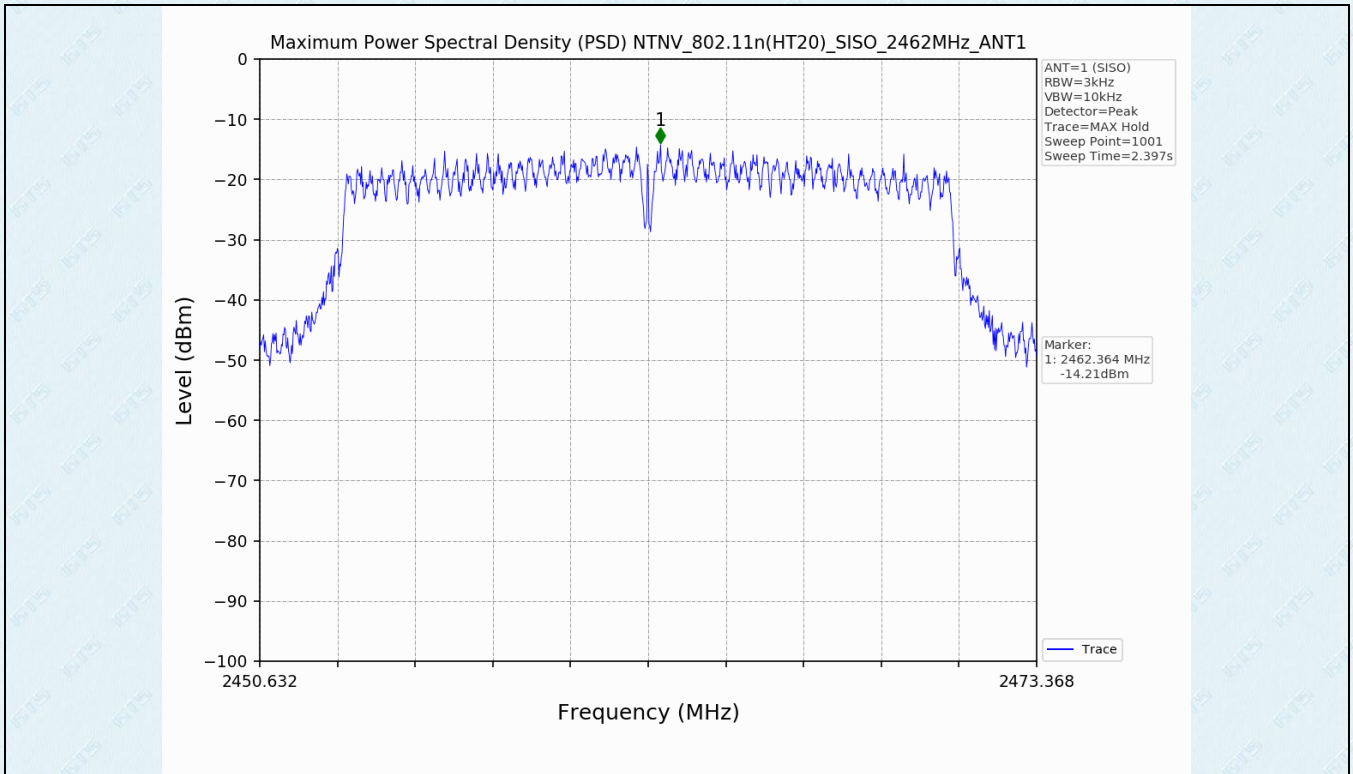
4.2 Test Graph

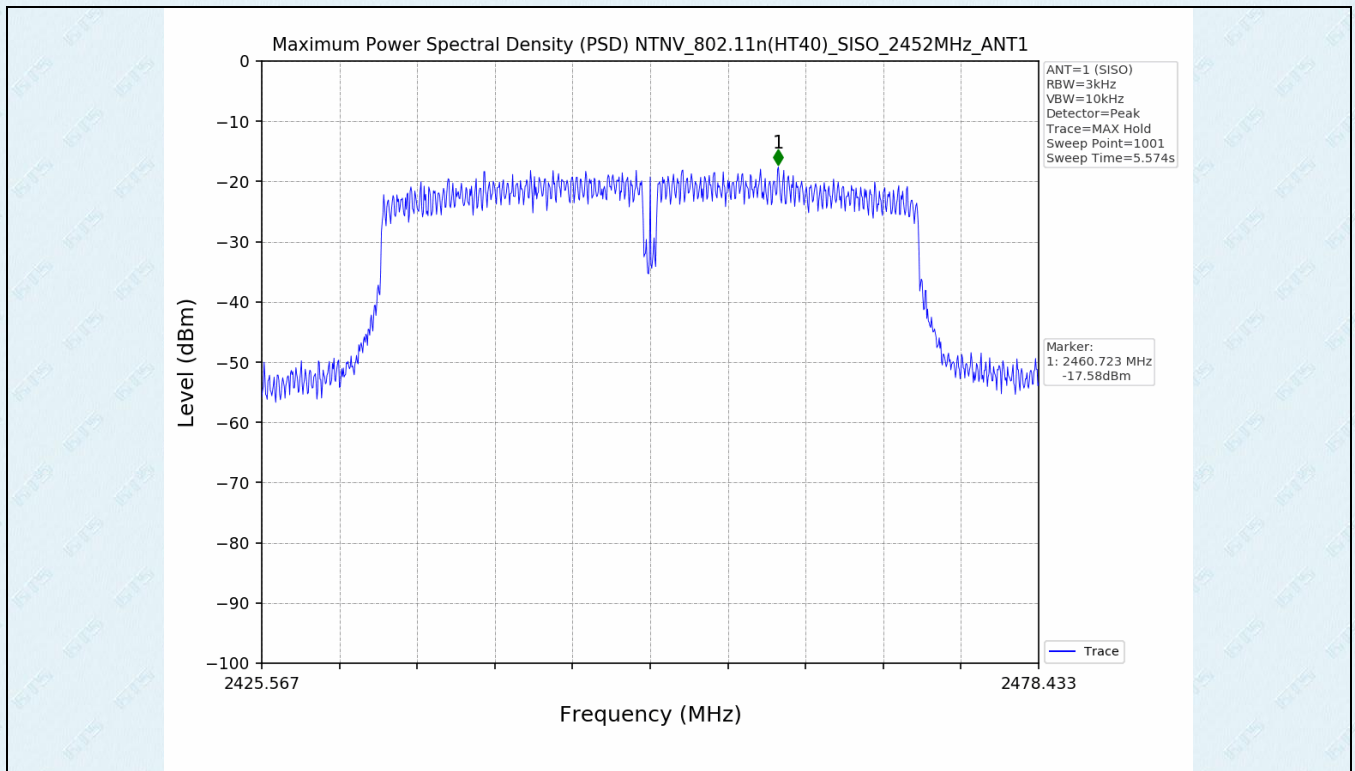
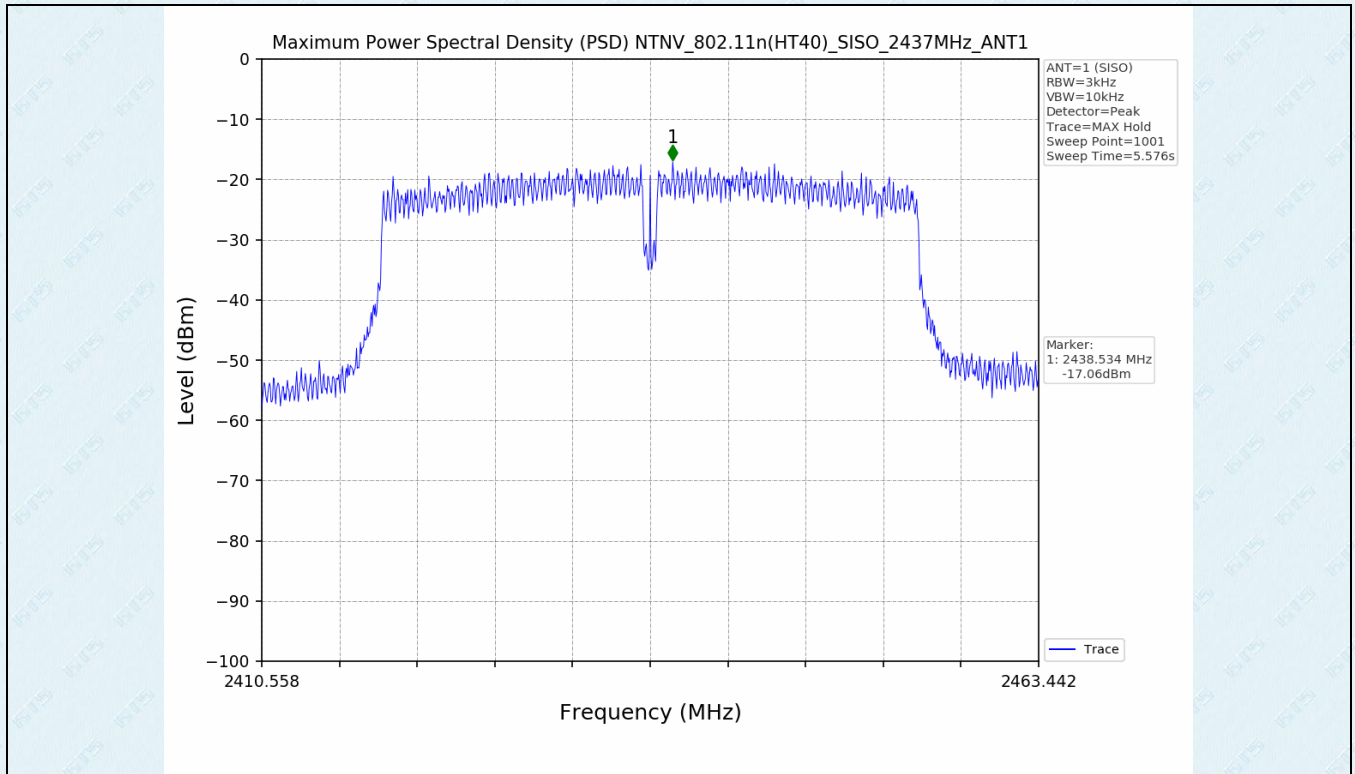










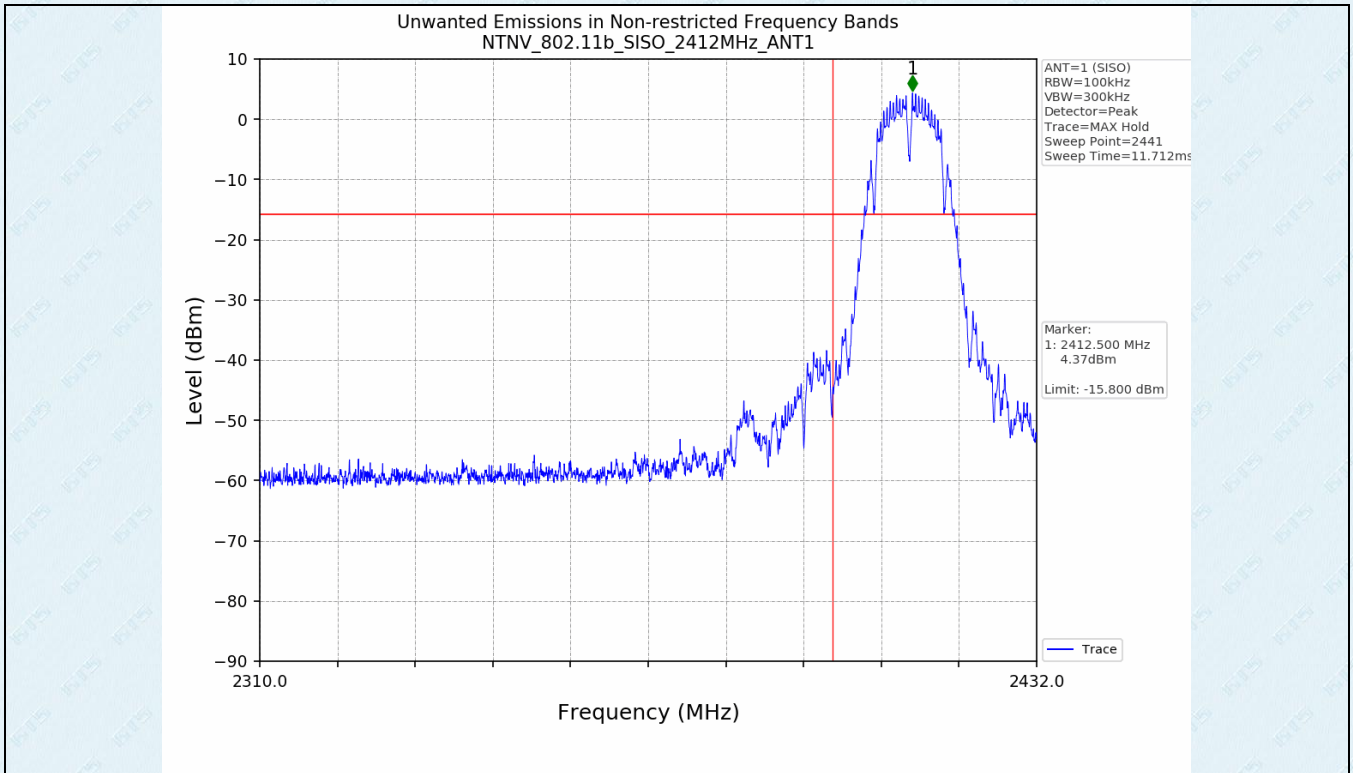
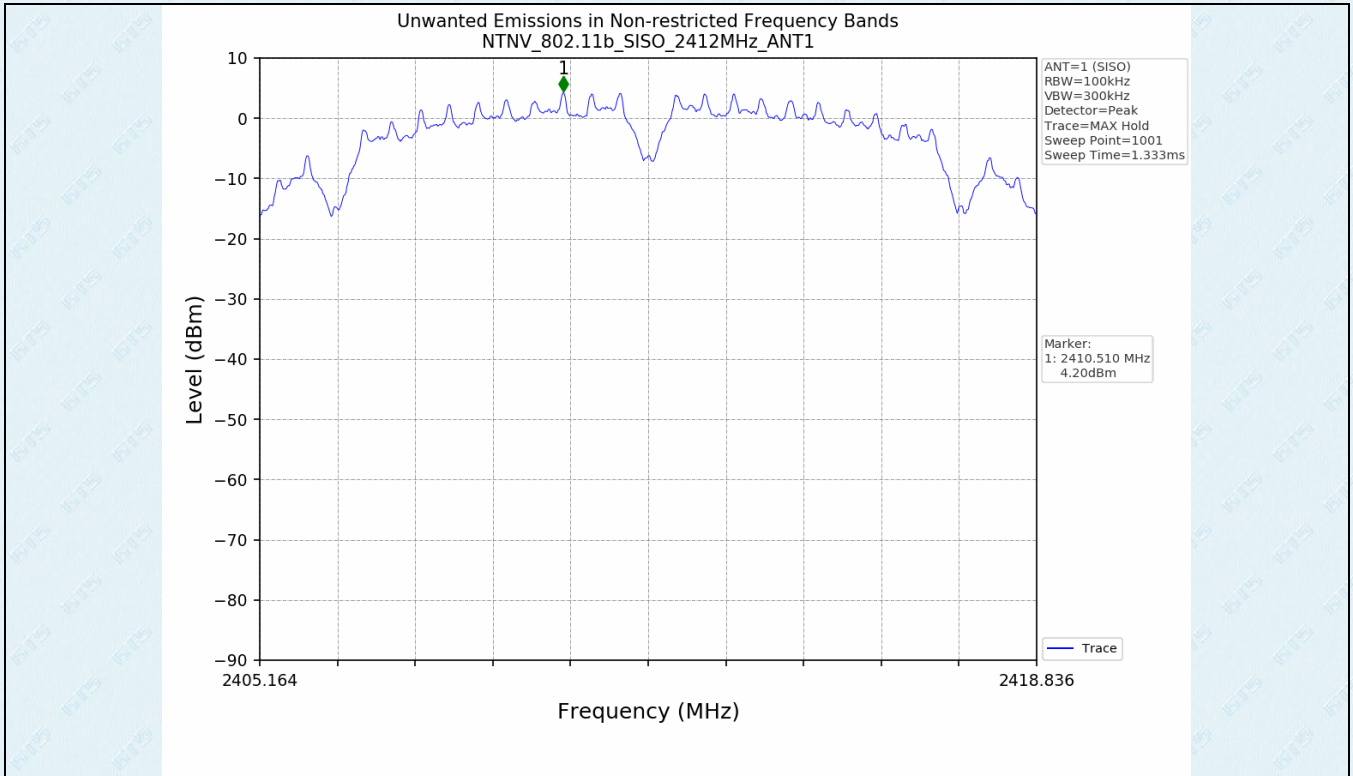


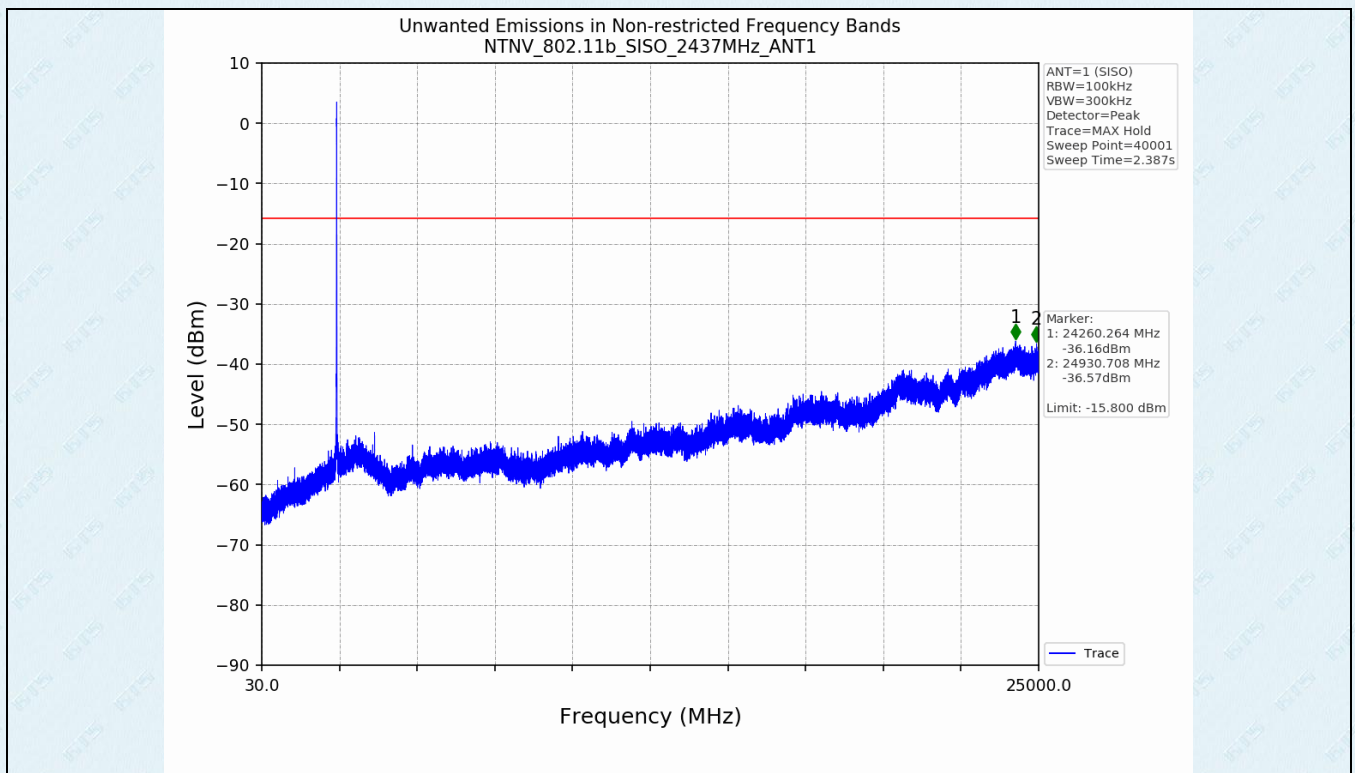
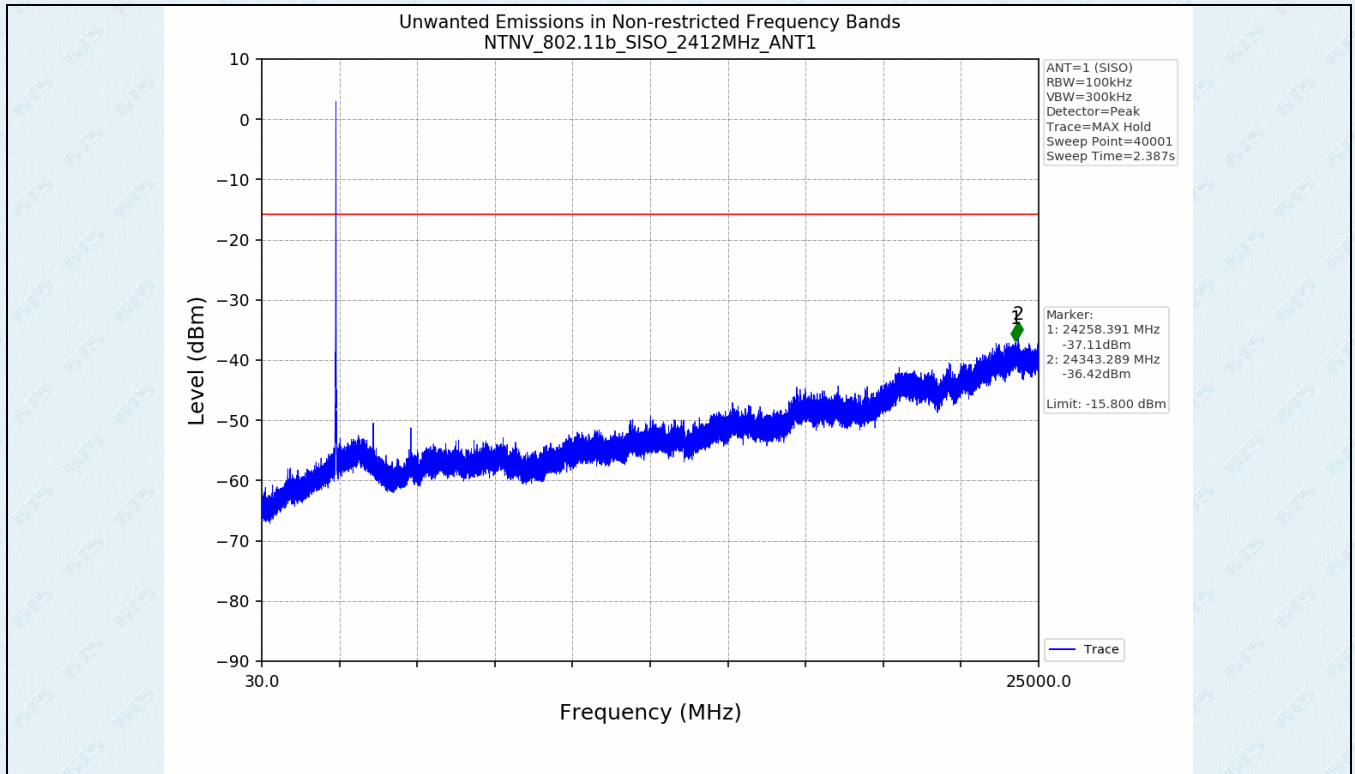
5. Unwanted Emissions in Non-restricted Frequency Bands

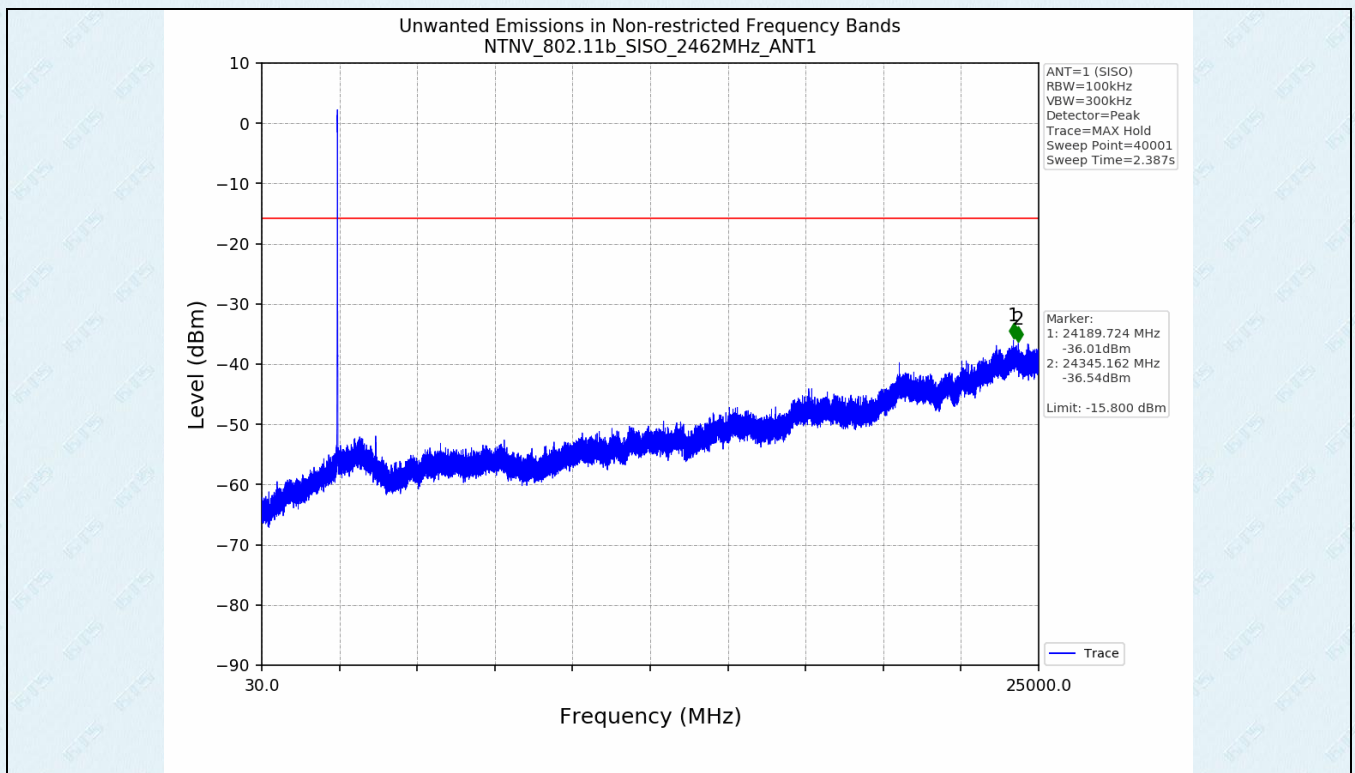
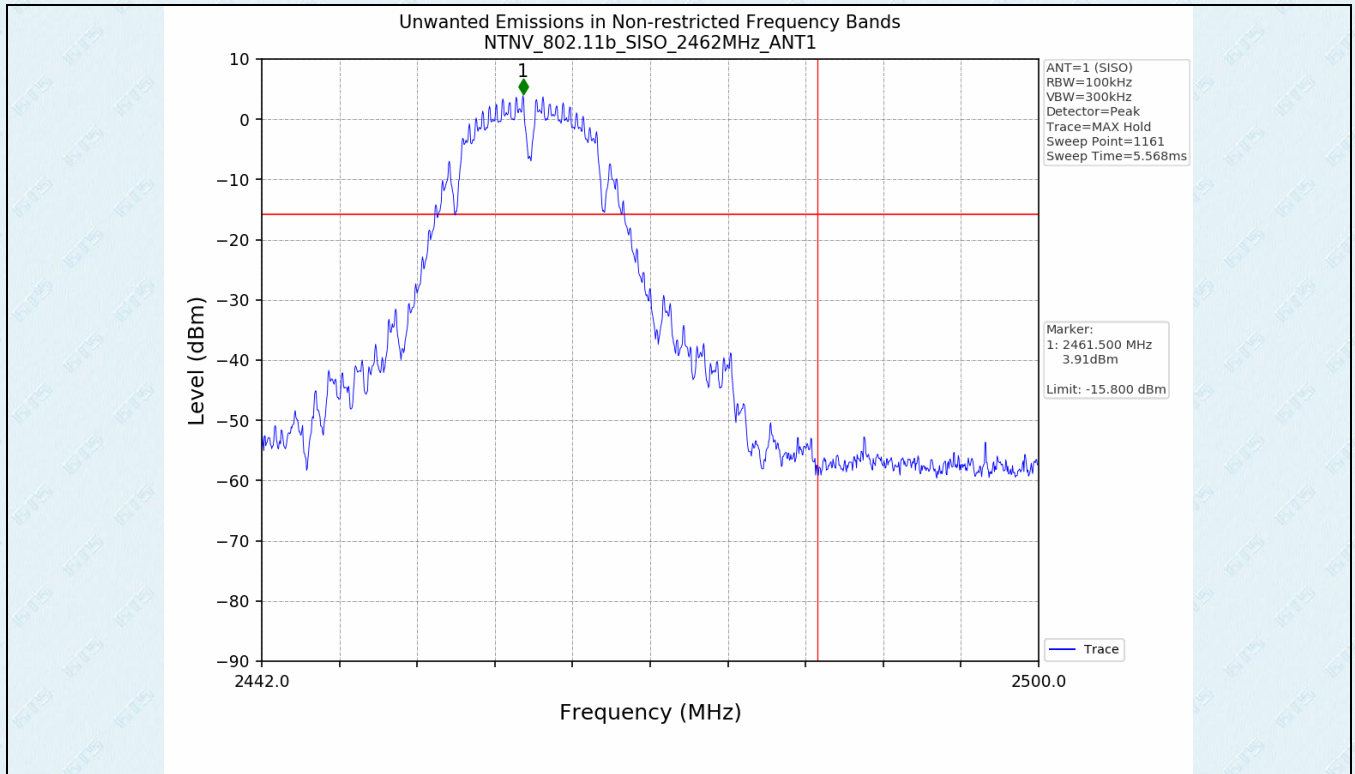
5.1 Test Result

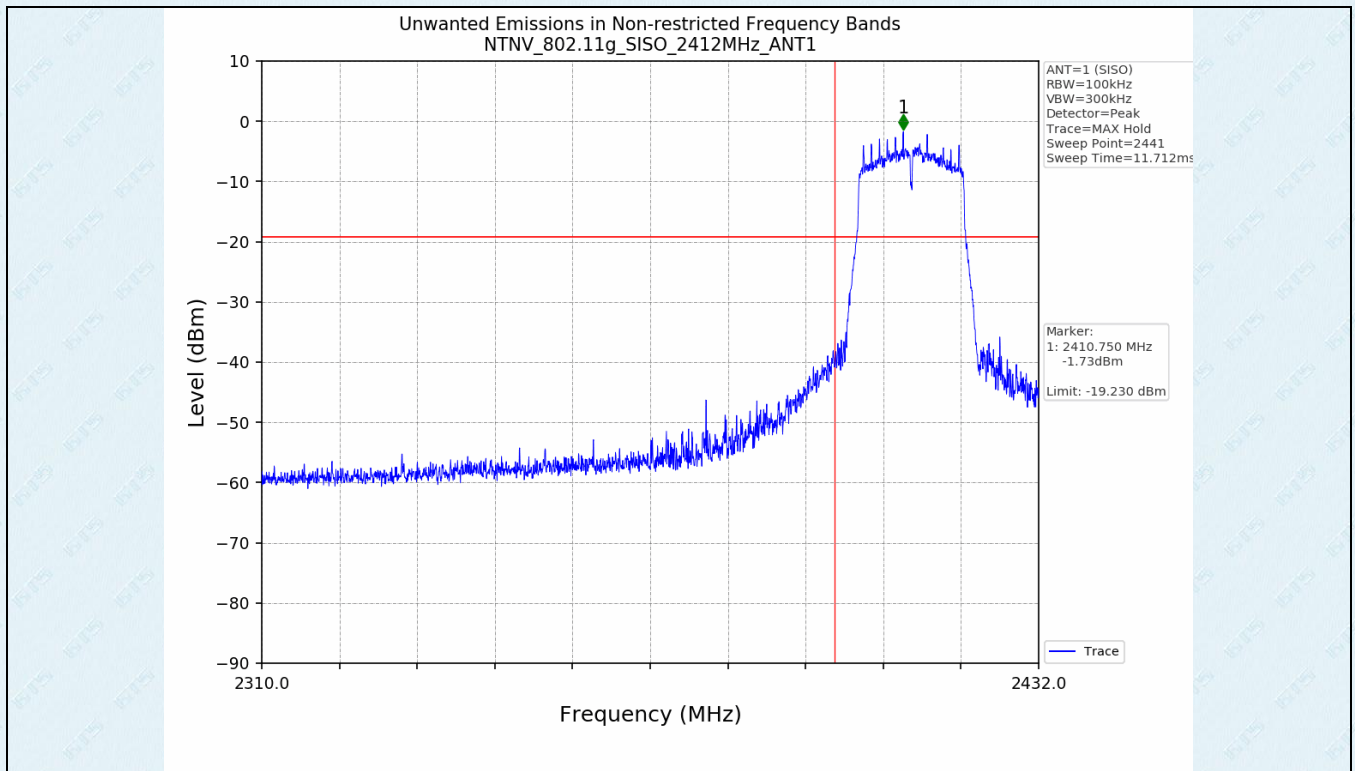
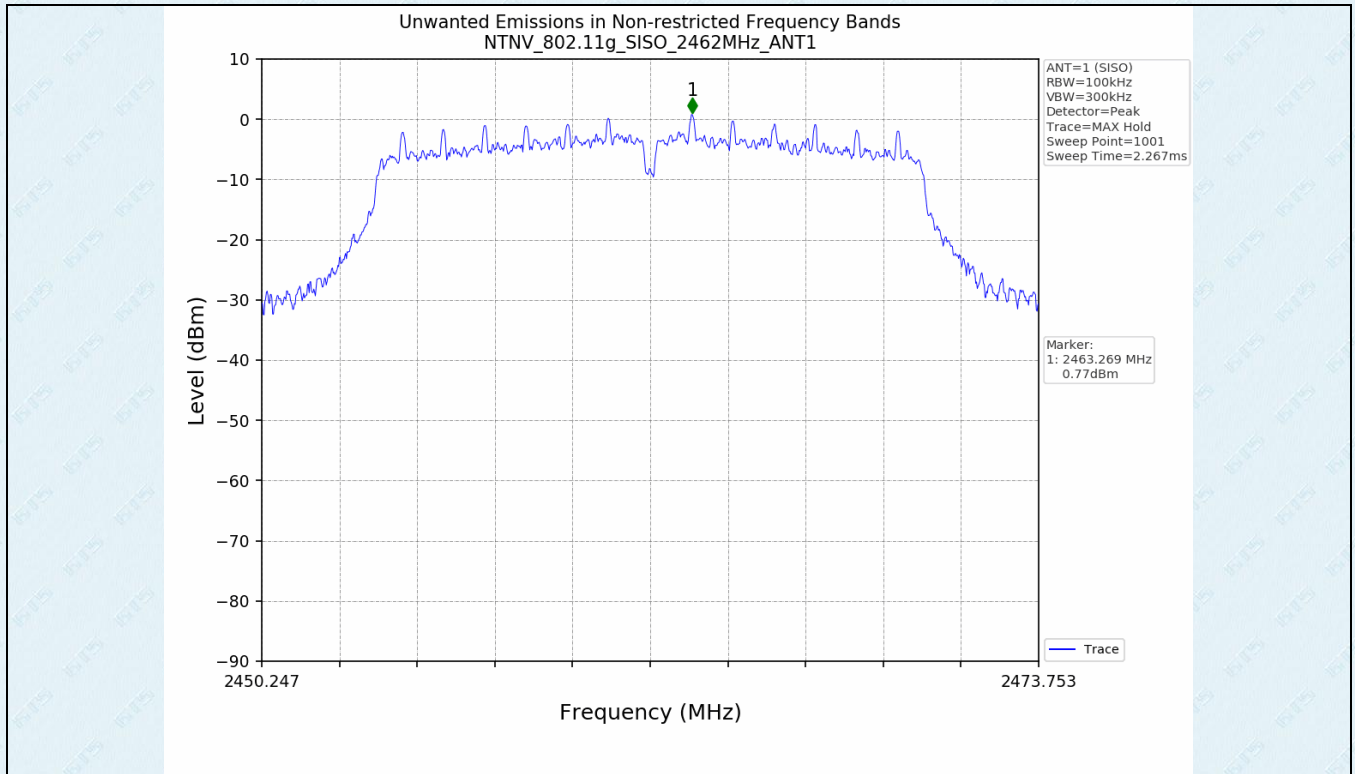
Test Mode	Frequency (MHz)	TX Type	ANT No.	Spurious Conducted Emission (dBm)	Limits (dBm)	Verdict
802.11b	2412	SISO	1	Refer to test graph	-15.80	PASS
	2437	SISO	1	Refer to test graph	-15.80	PASS
	2462	SISO	1	Refer to test graph	-15.80	PASS
802.11g	2412	SISO	1	Refer to test graph	-19.23	PASS
	2437	SISO	1	Refer to test graph	-19.23	PASS
	2462	SISO	1	Refer to test graph	-19.23	PASS
802.11n(HT20)	2412	SISO	1	Refer to test graph	-18.96	PASS
	2437	SISO	1	Refer to test graph	-18.96	PASS
	2462	SISO	1	Refer to test graph	-18.96	PASS
802.11n(HT40)	2422	SISO	1	Refer to test graph	-22.91	PASS
	2437	SISO	1	Refer to test graph	-22.91	PASS
	2452	SISO	1	Refer to test graph	-22.91	PASS

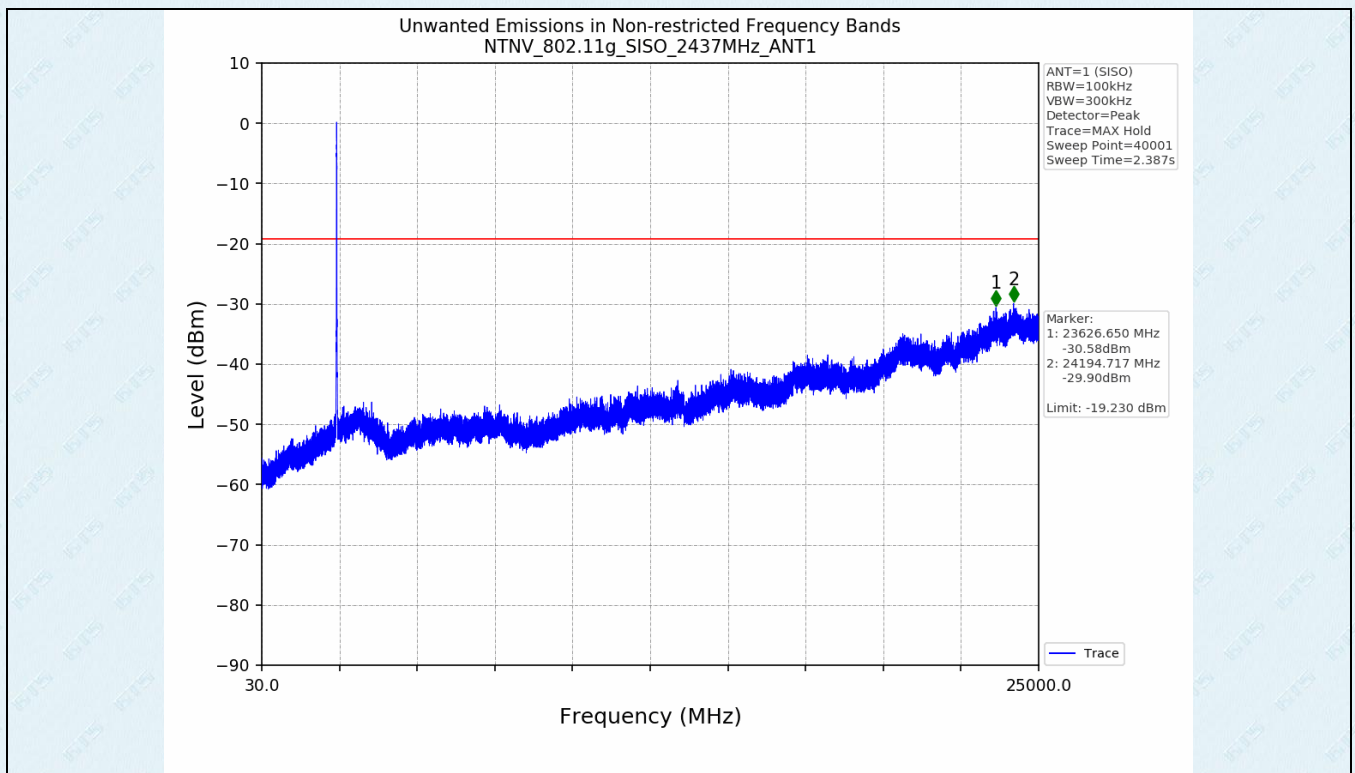
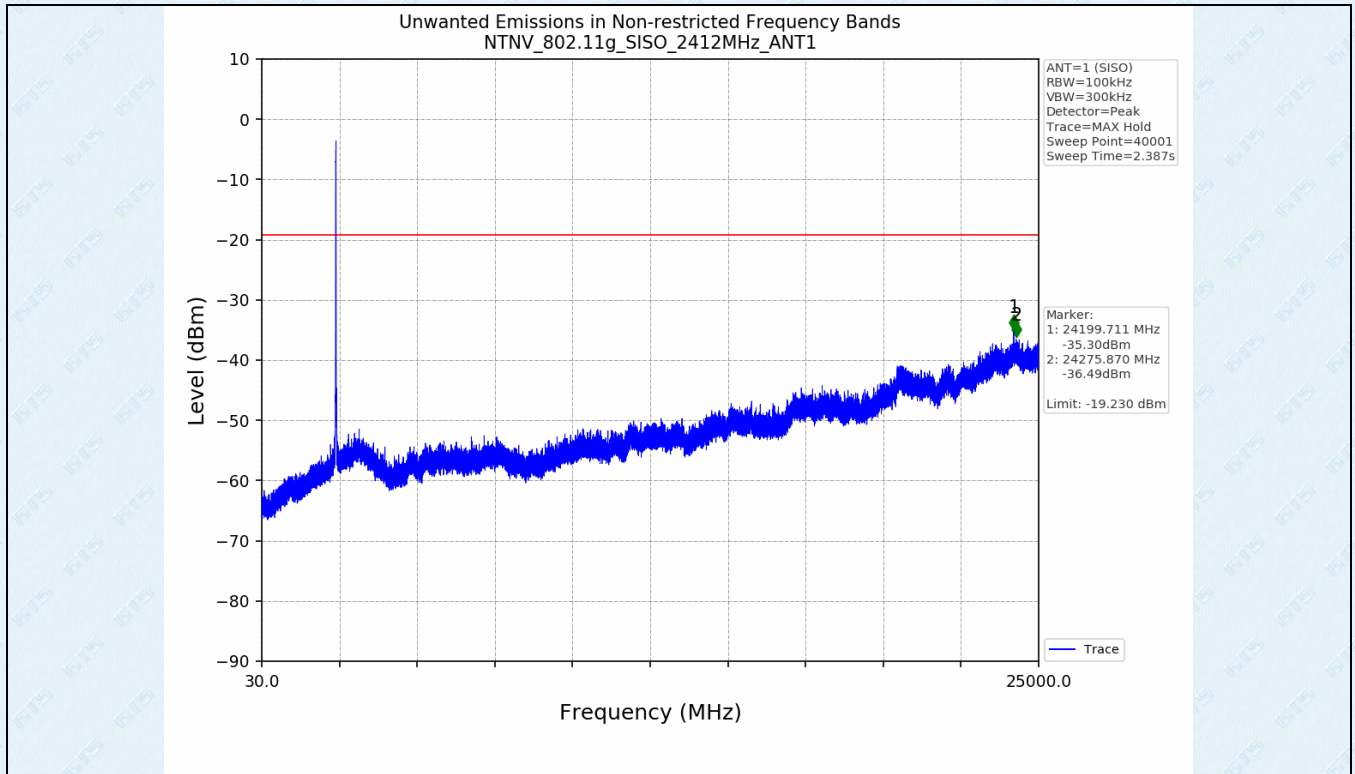
5.2 Test Graph

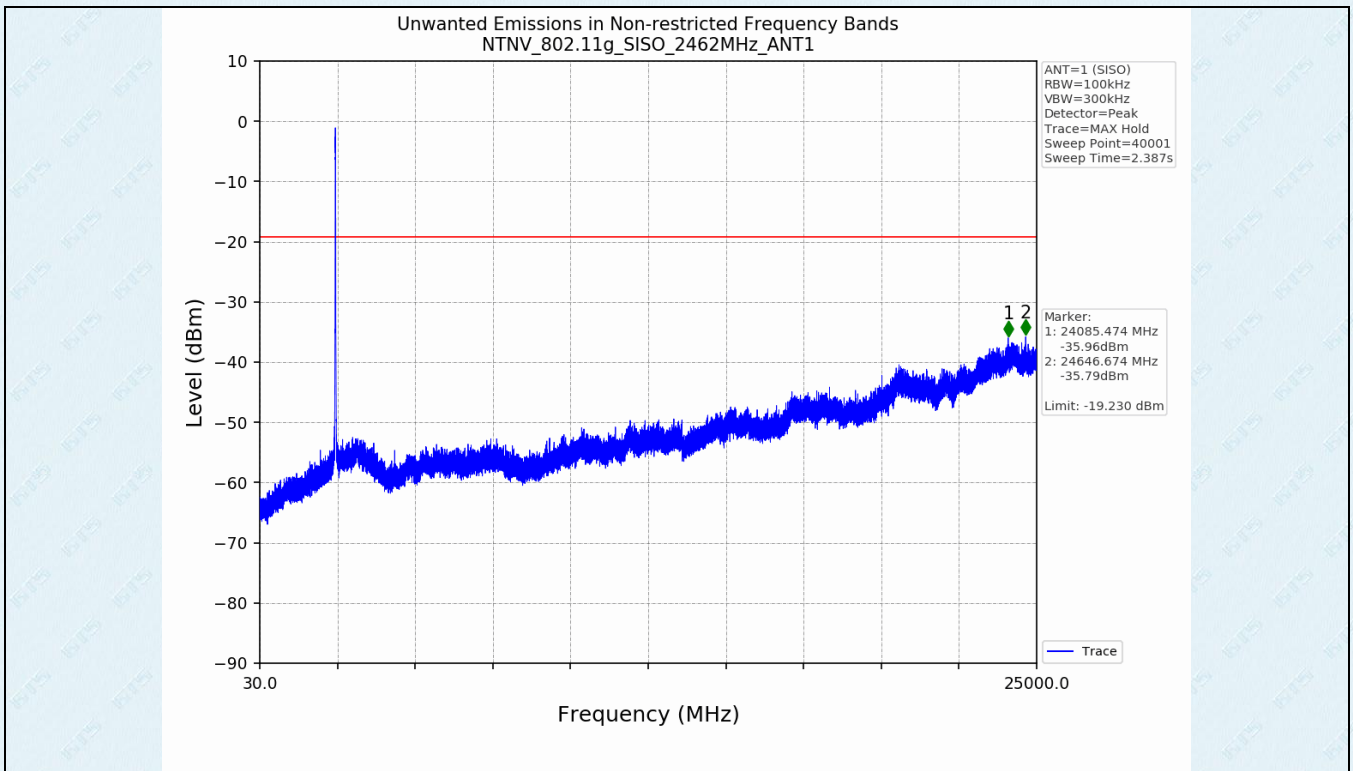
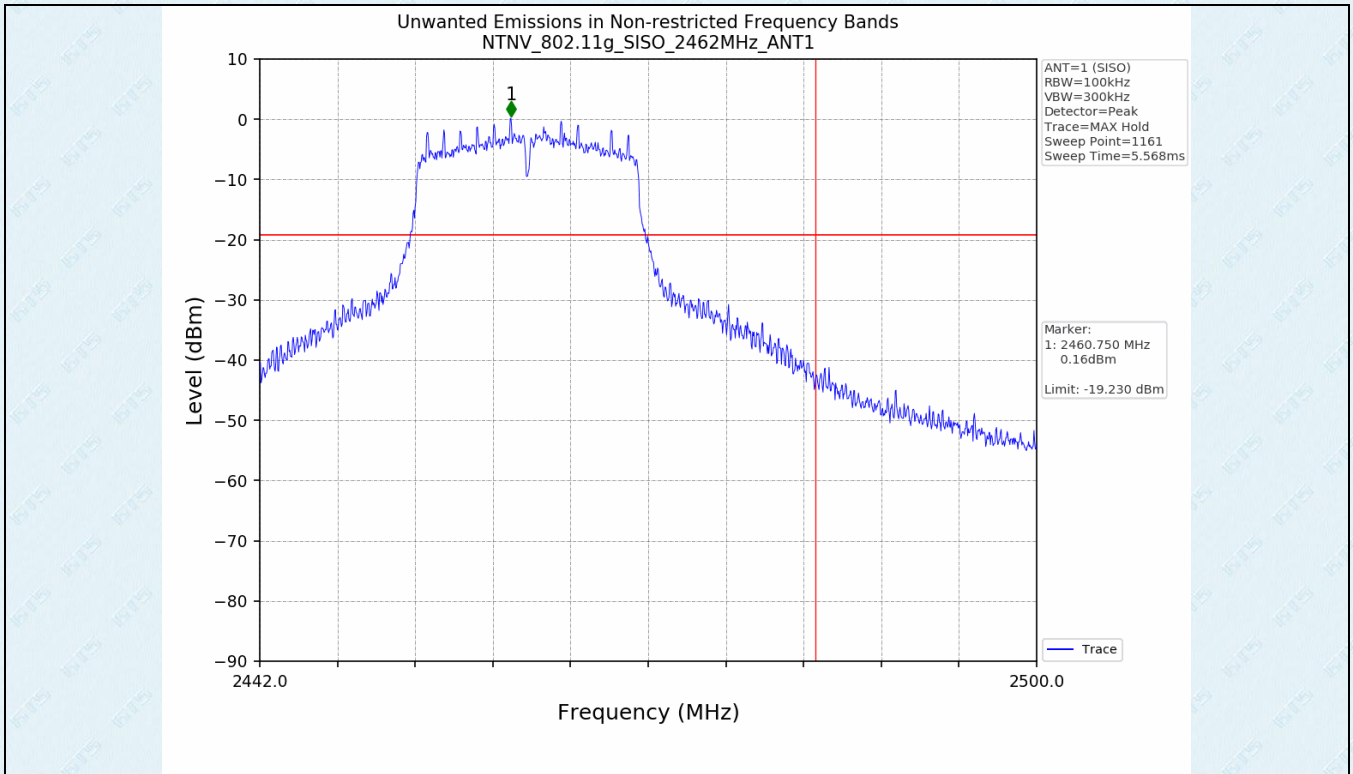


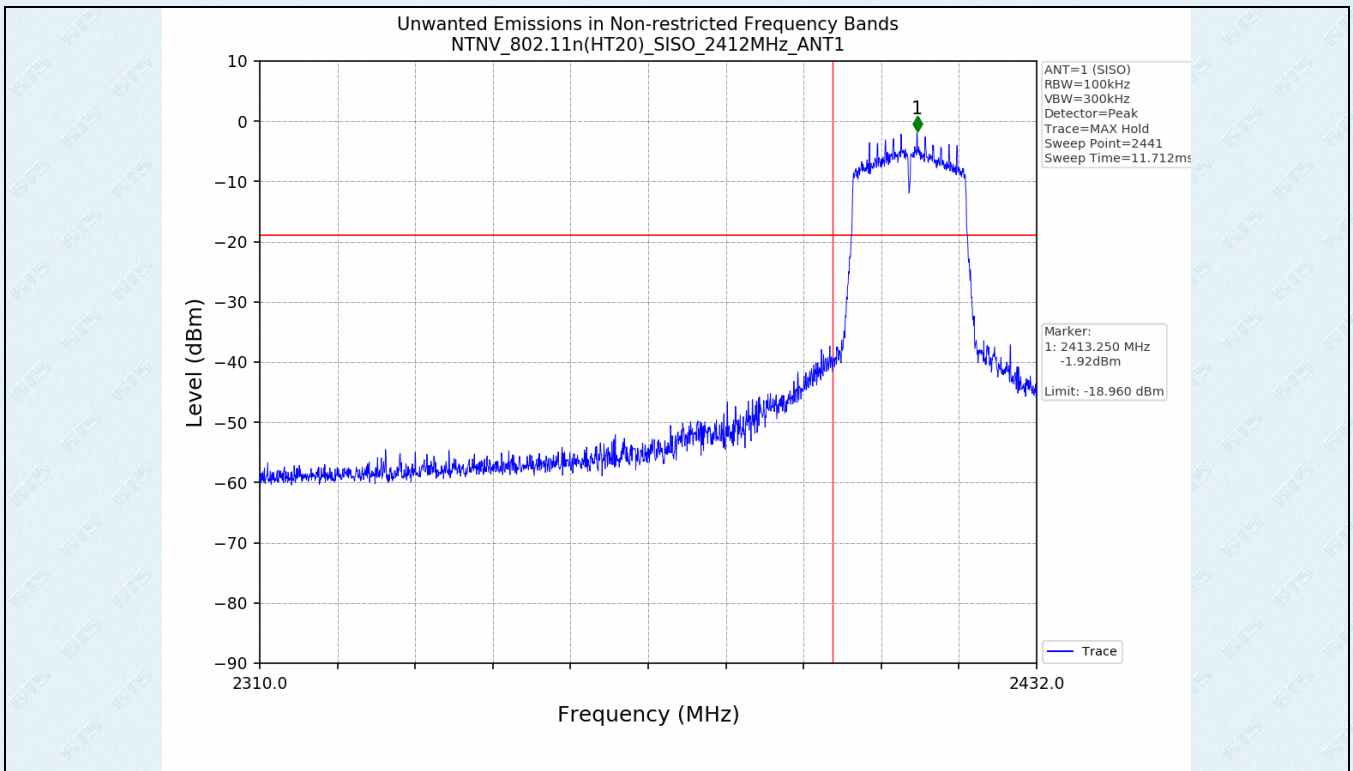
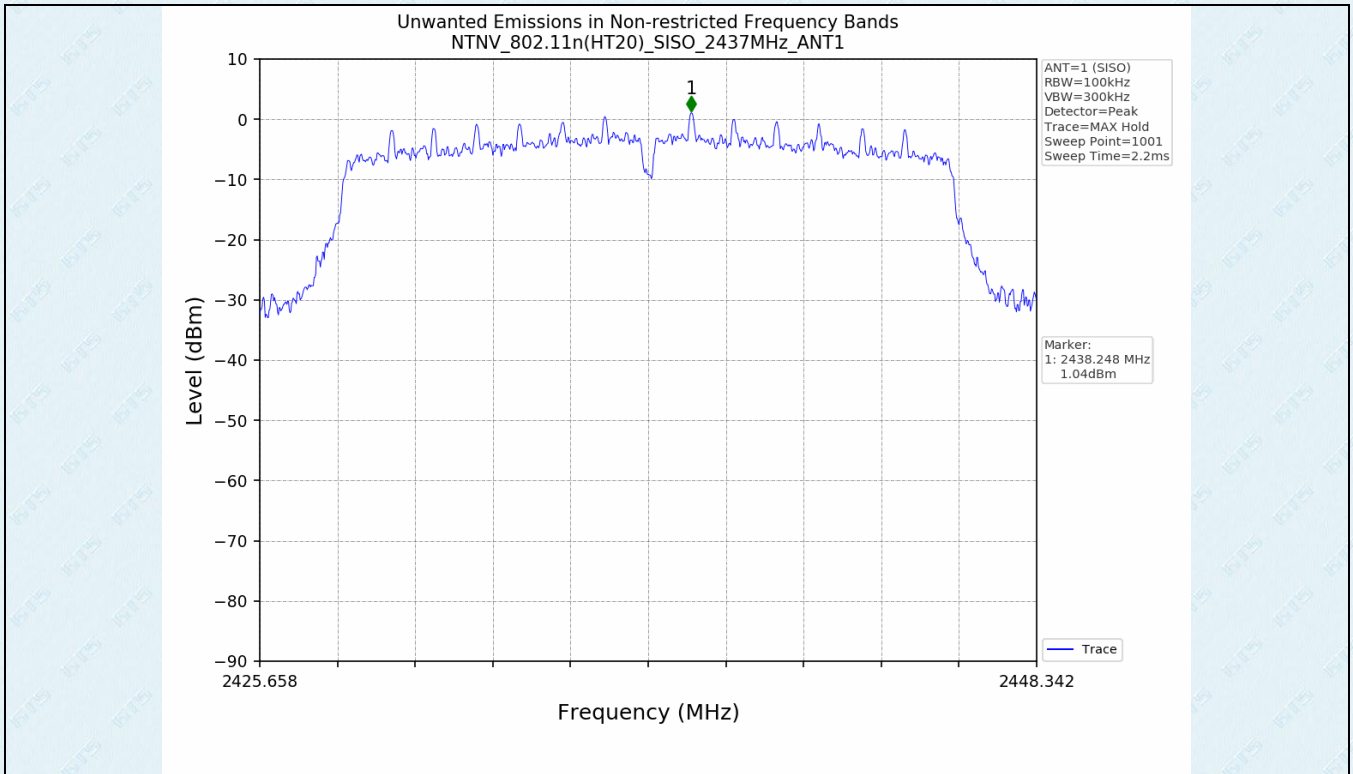


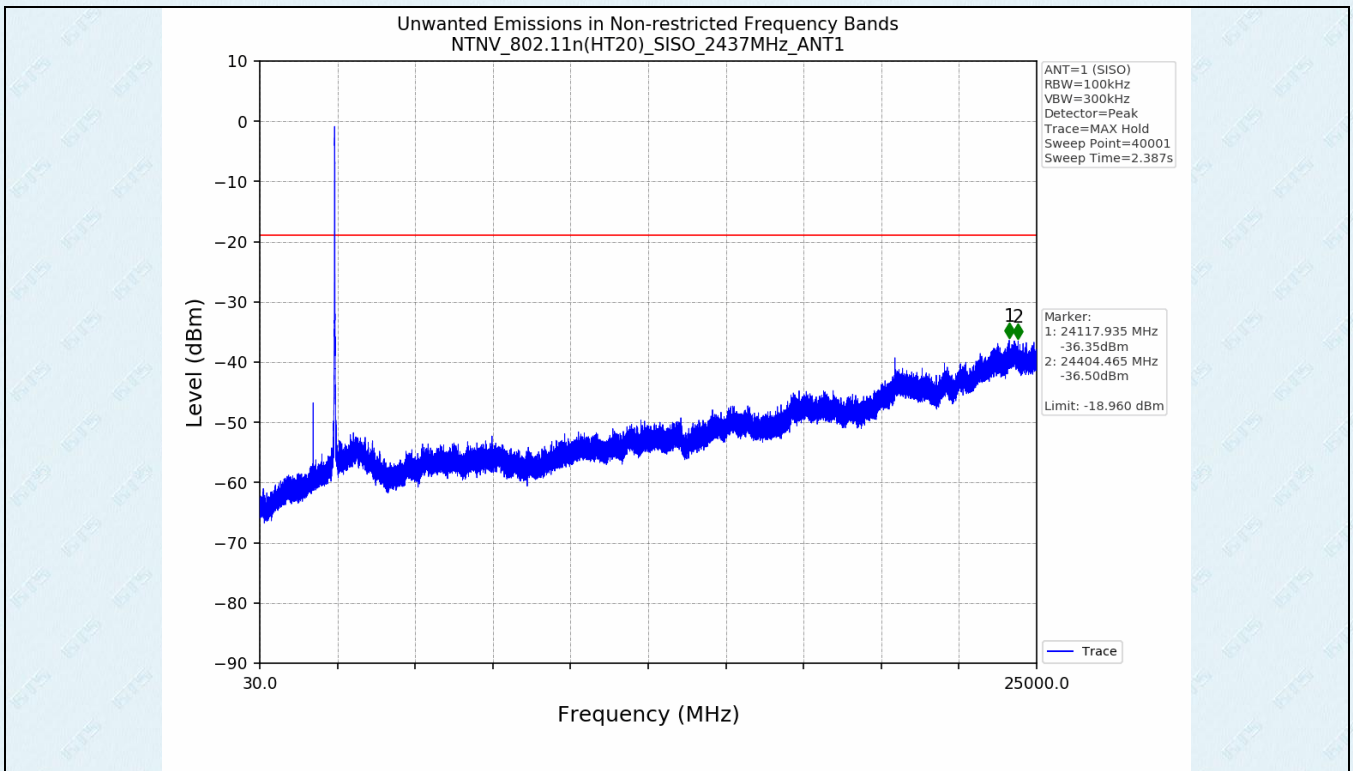
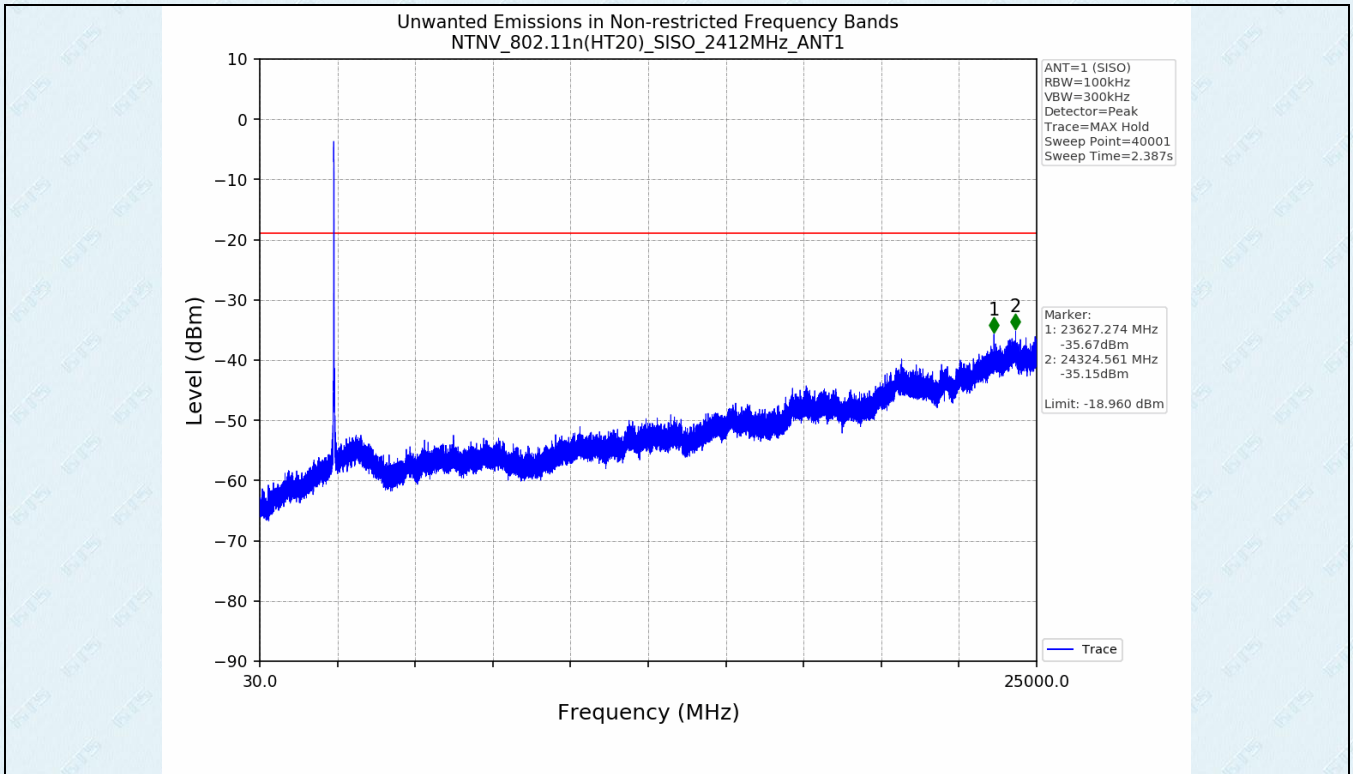


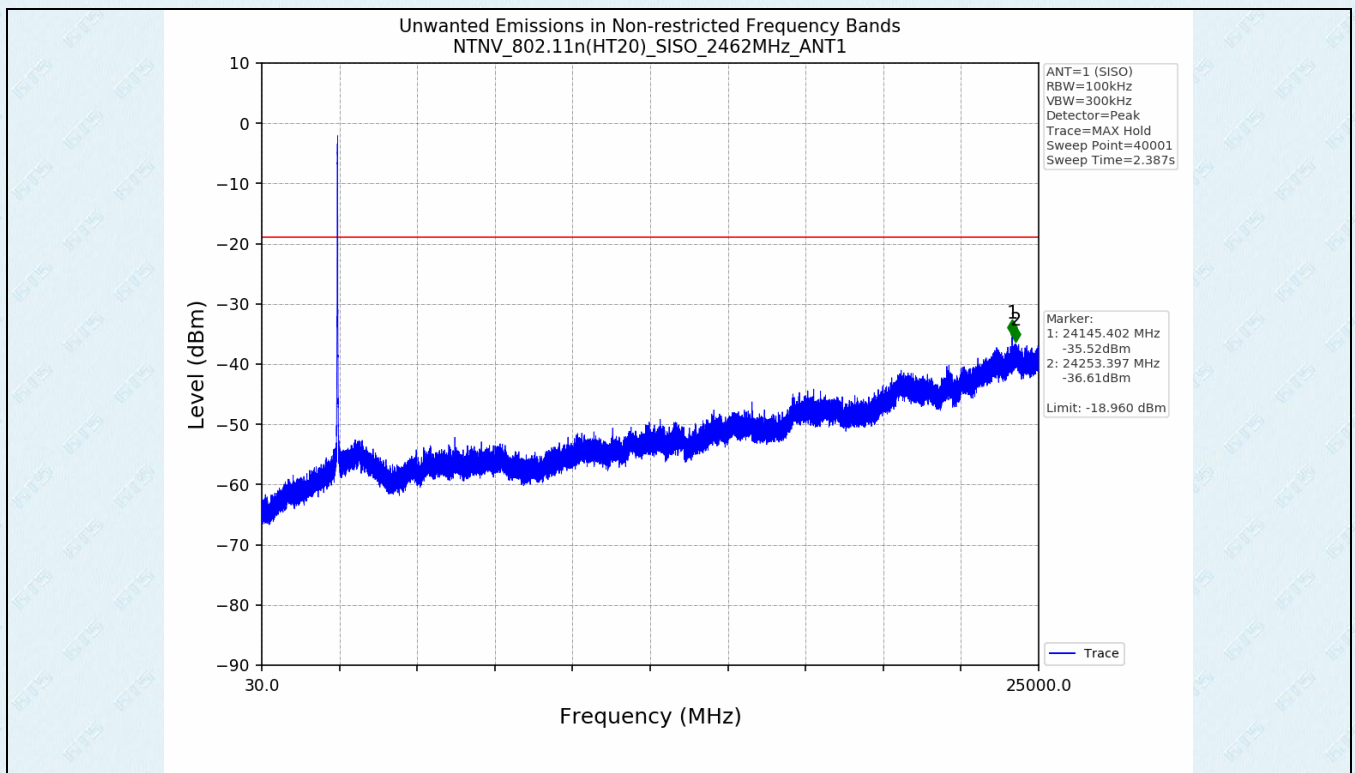
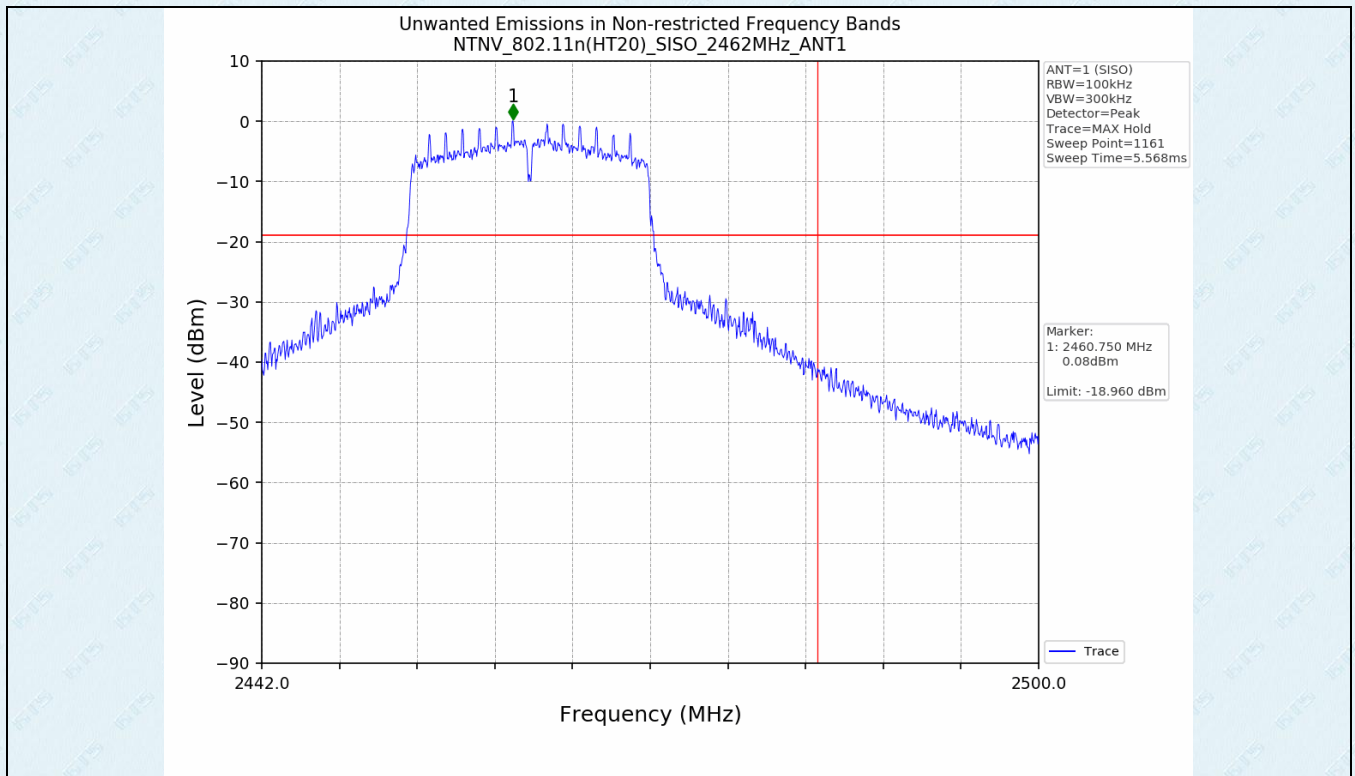


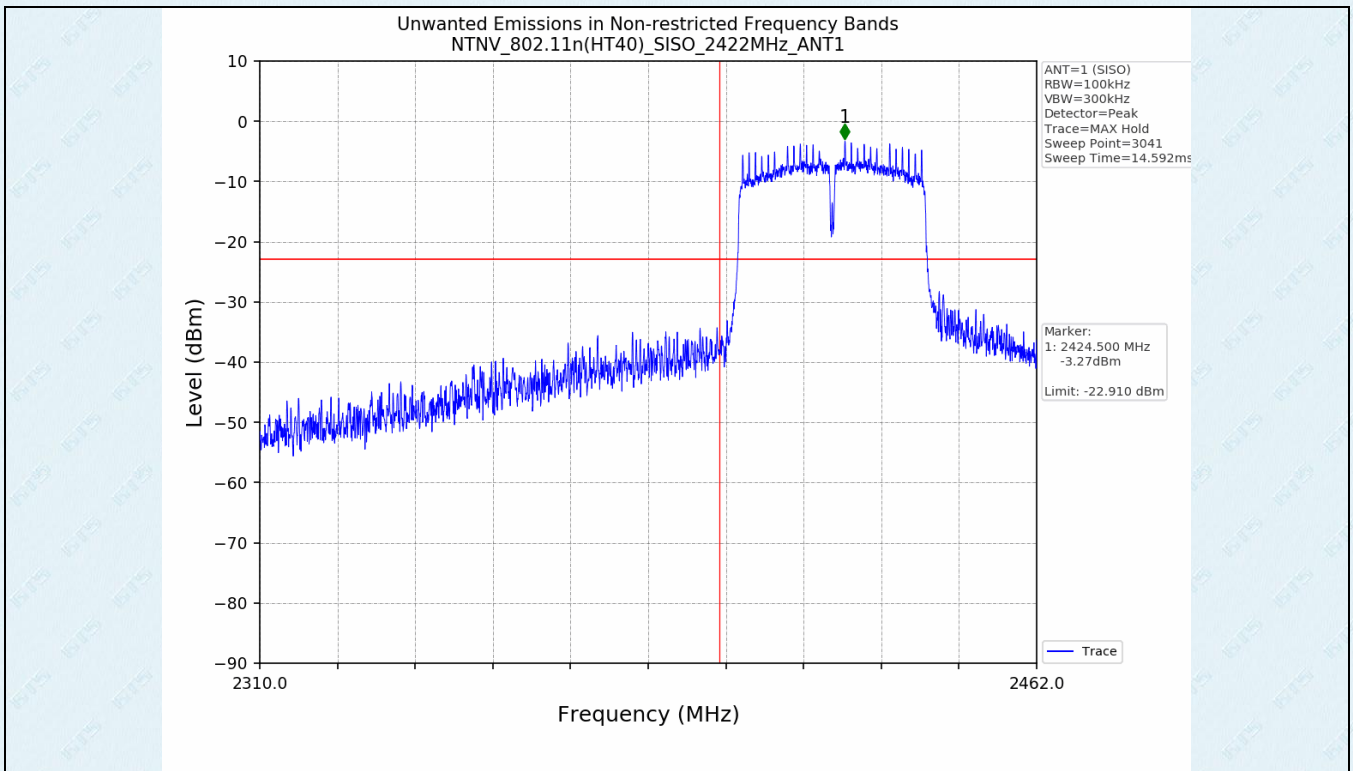
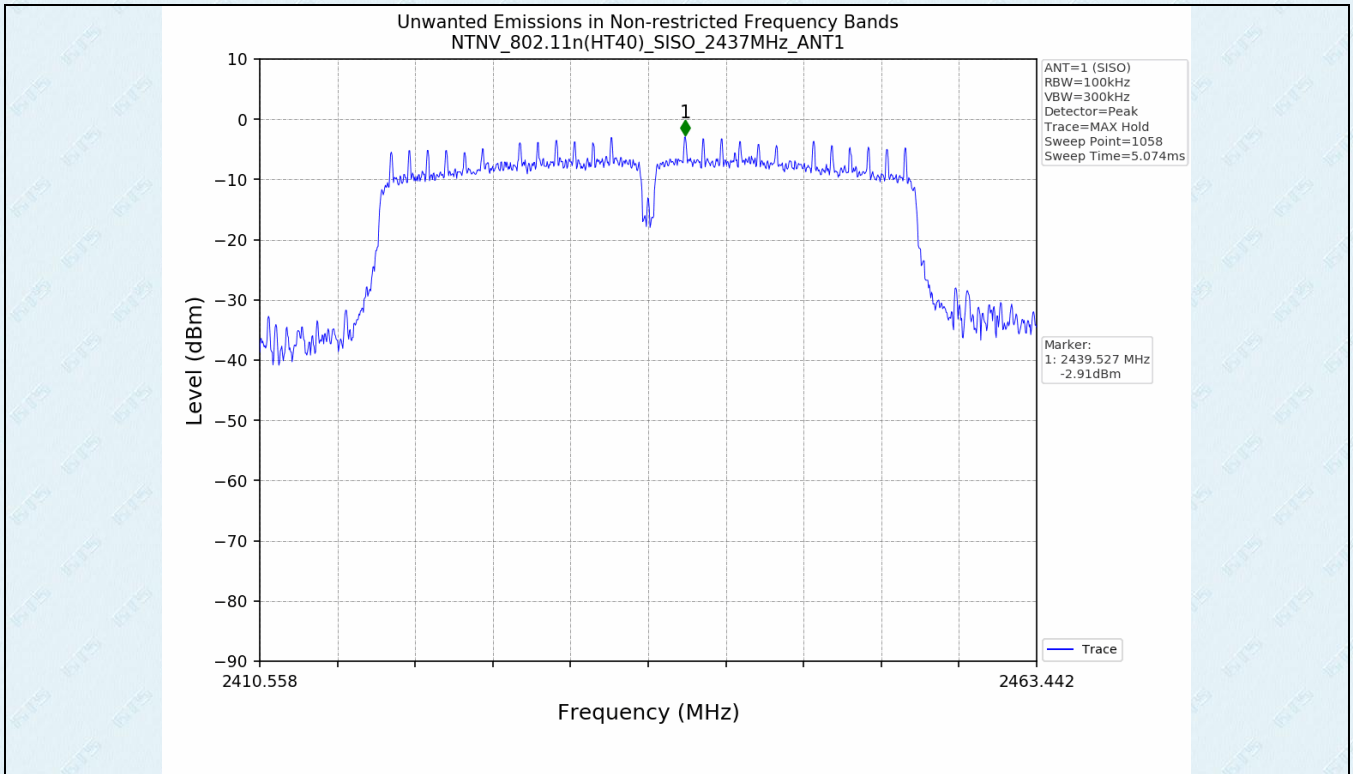


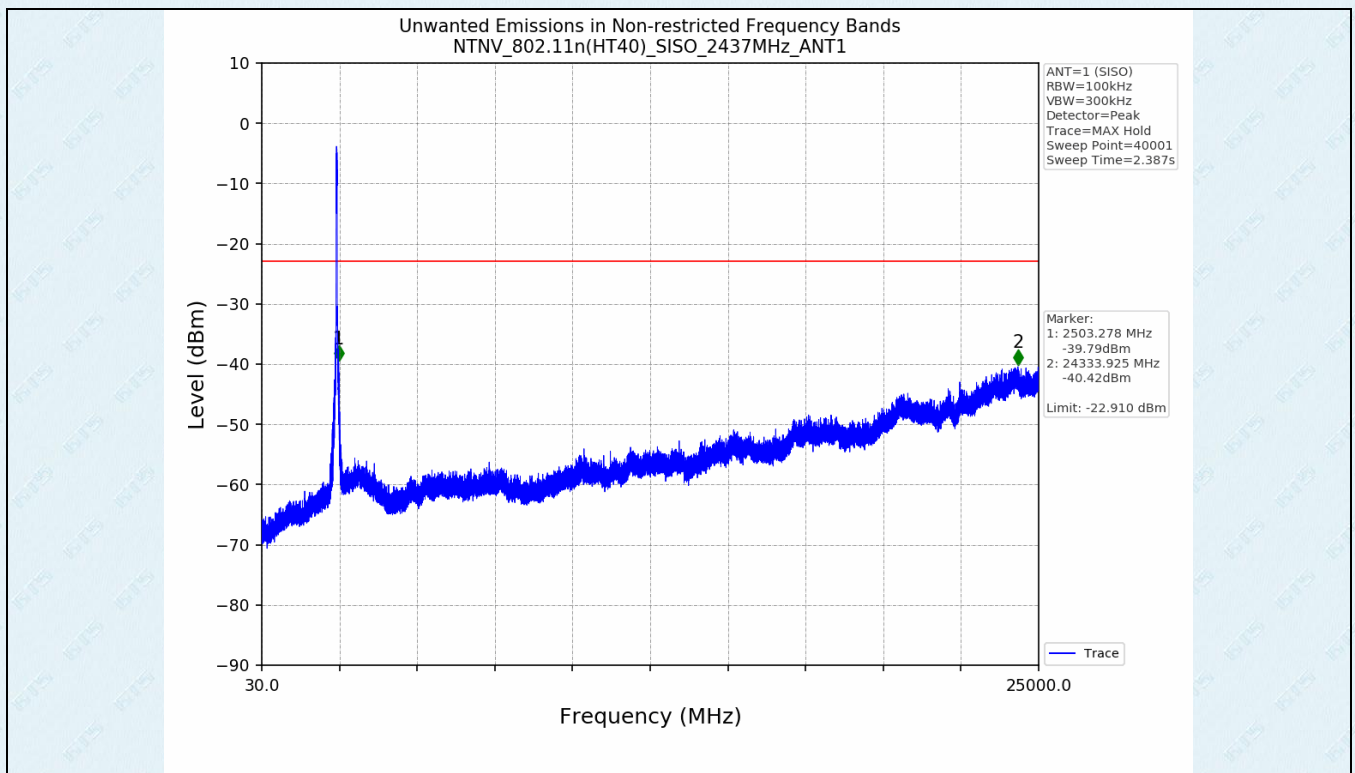
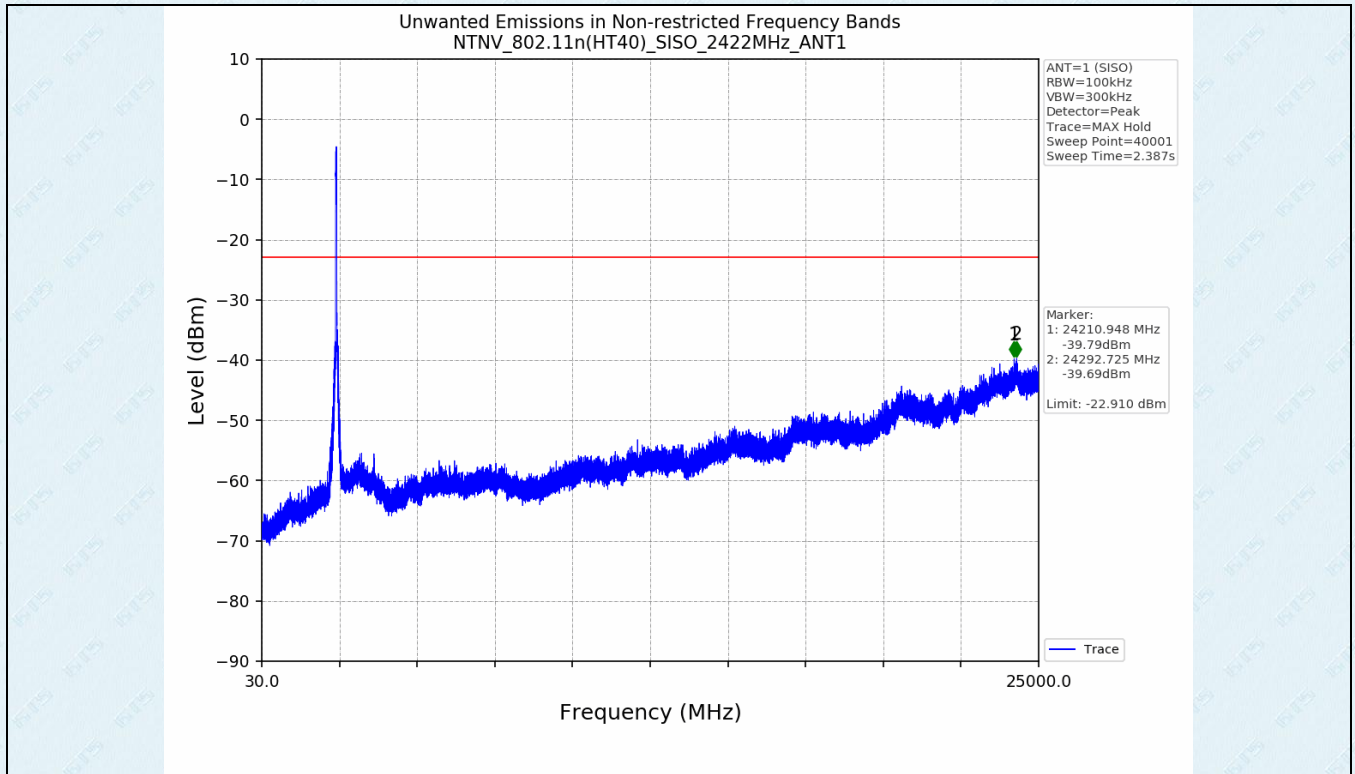


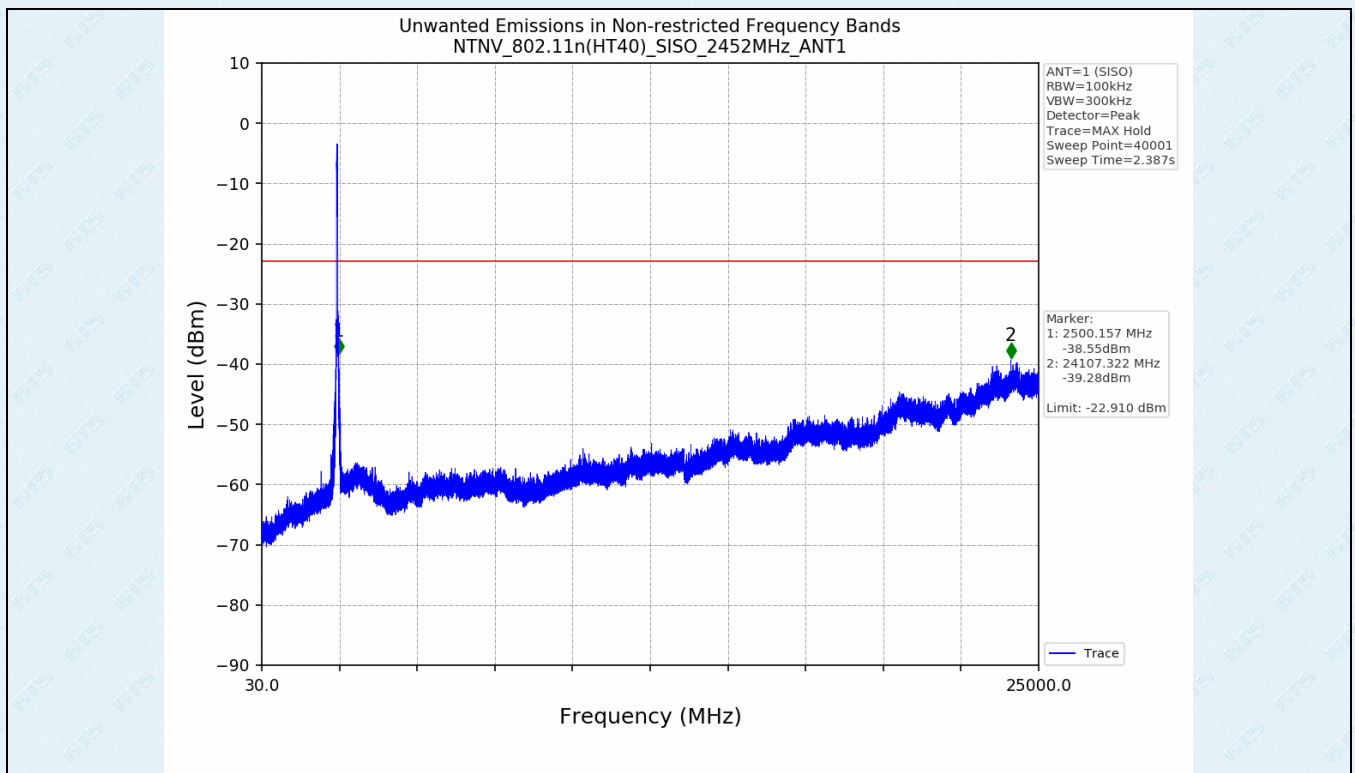
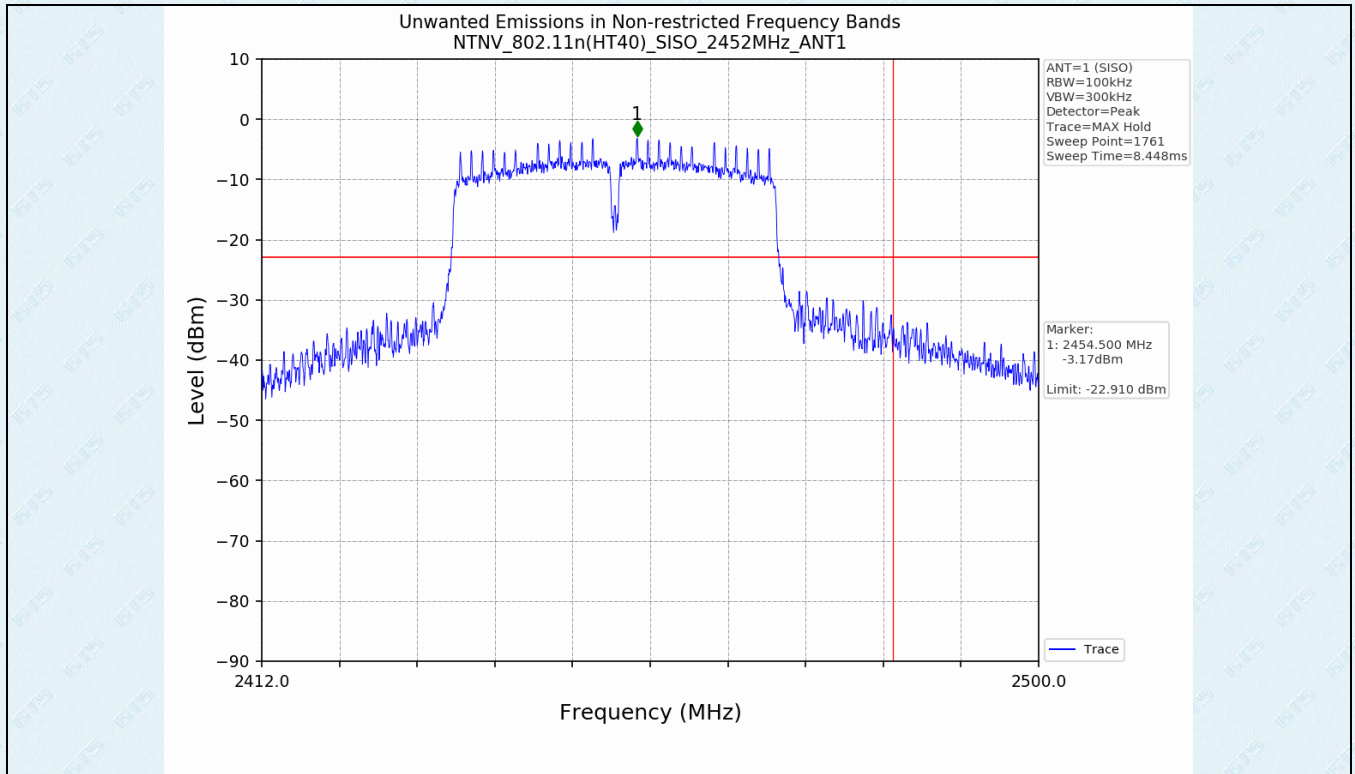












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