



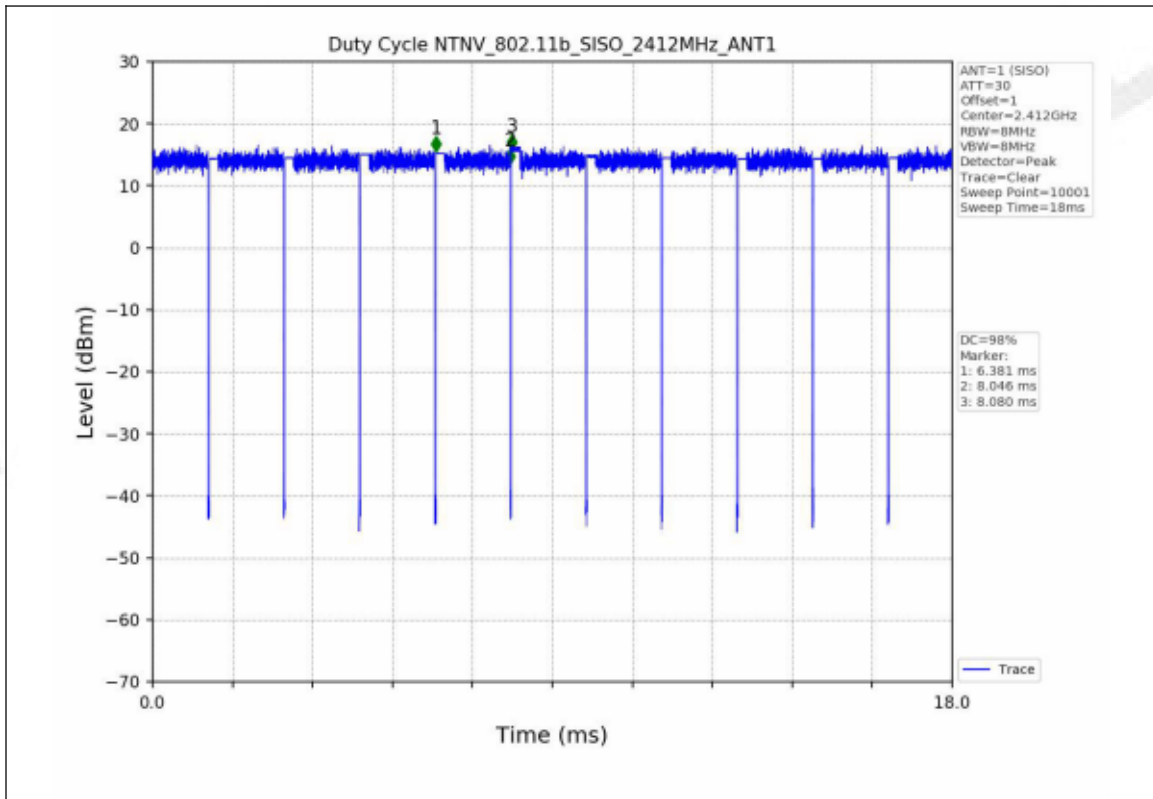
### Appendix for 15.247

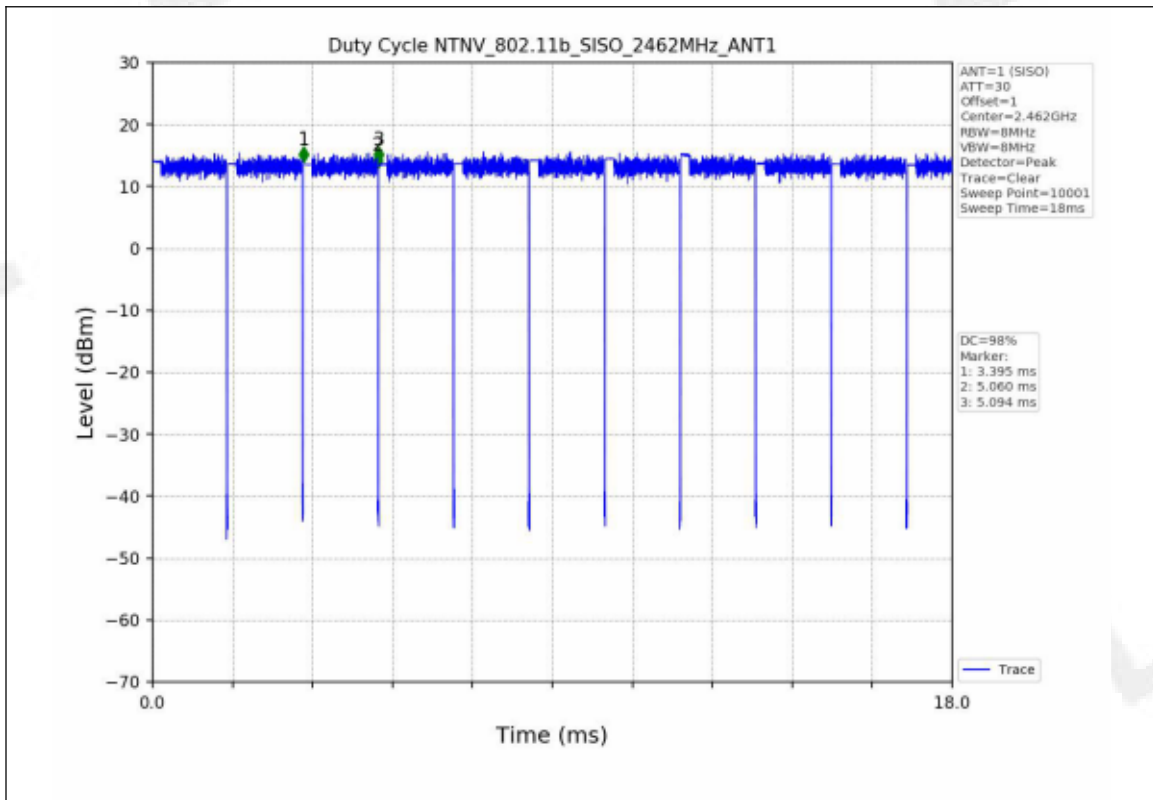
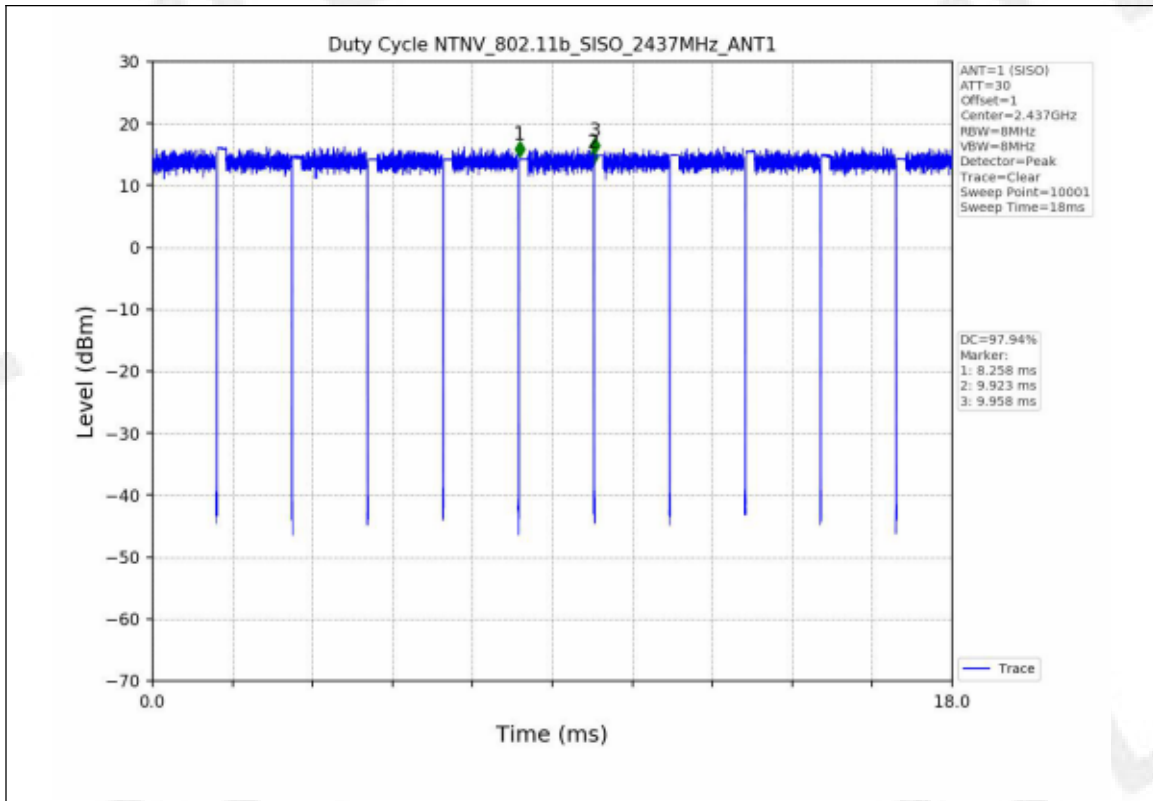
## 1. Duty Cycle

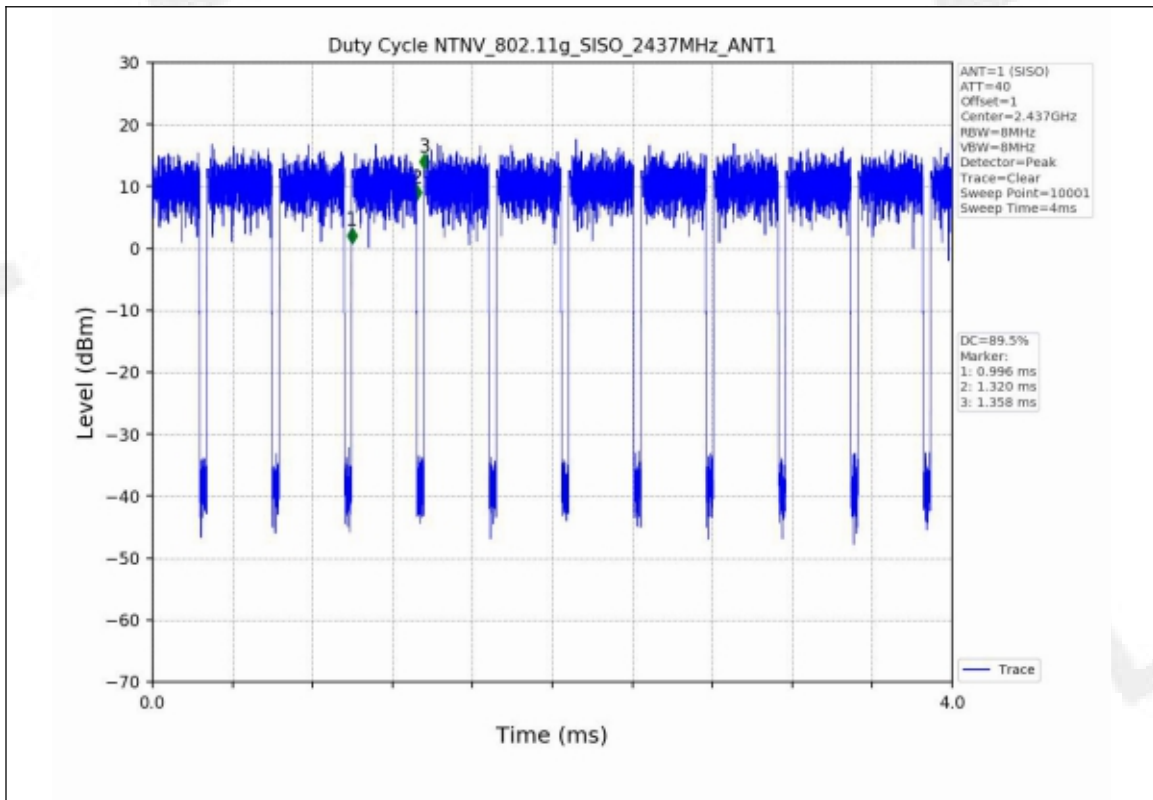
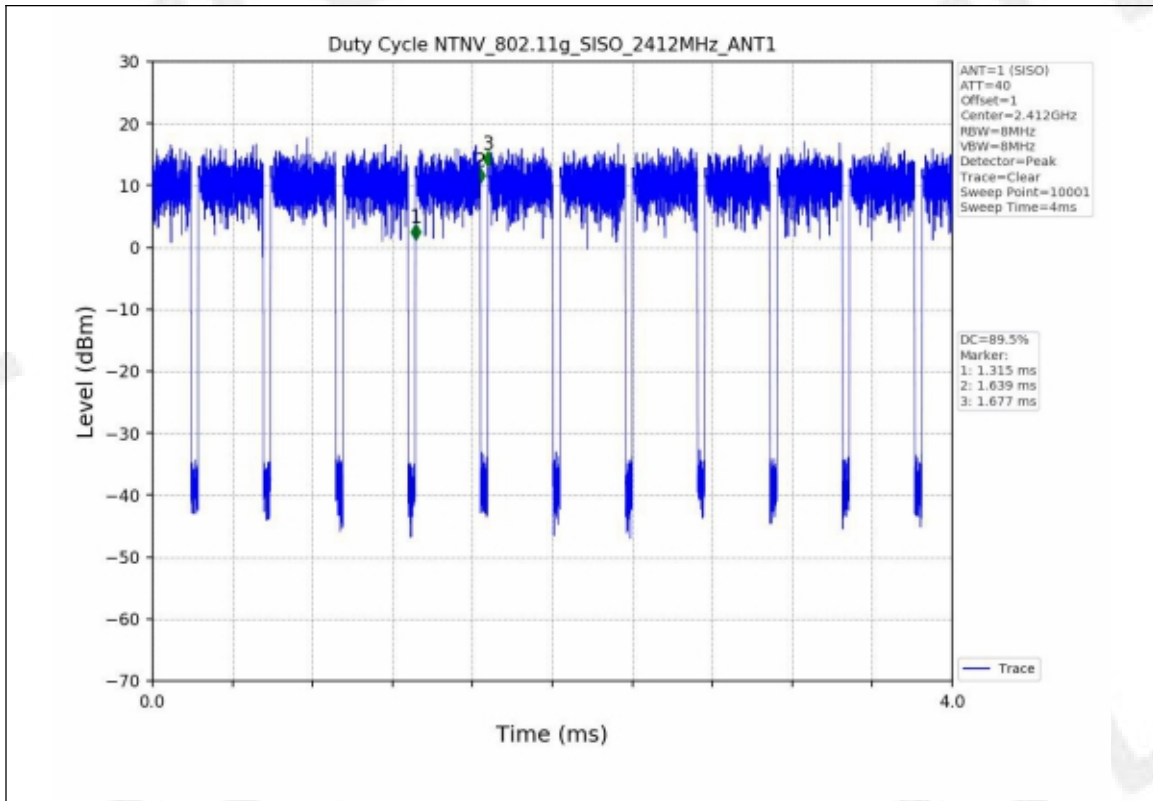
### 1.1 Test Result

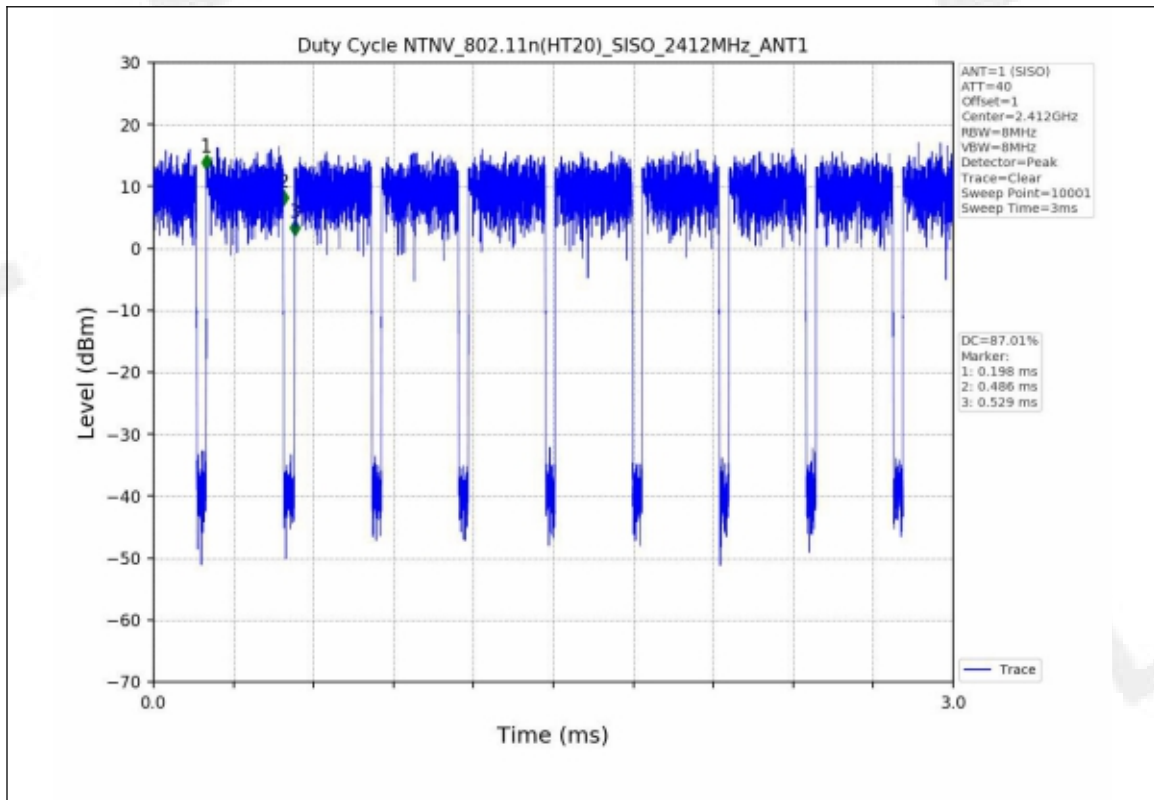
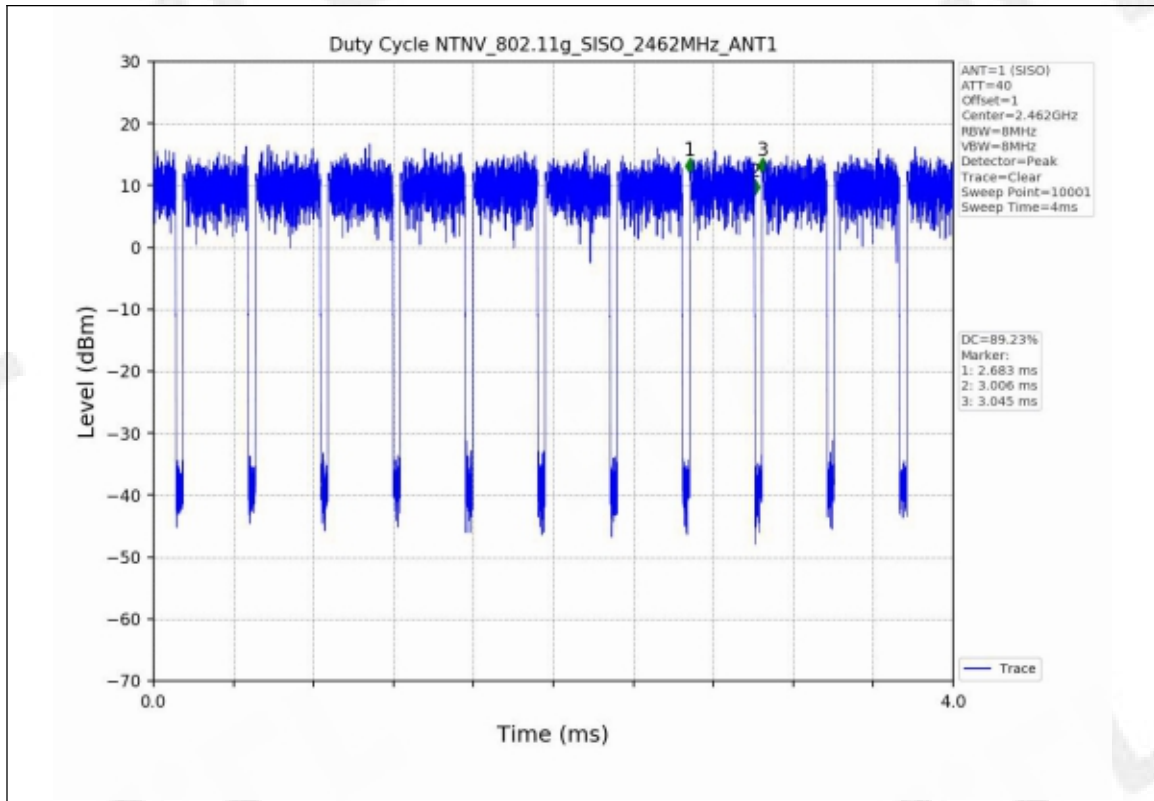
Test Mode	Channel Frequency(MHz)	TX Type	ANT No.	T_on (ms)	Period (ms)	Duty Cycle (%)	Duty Cycle Correction Factor (dB)
802.11b	2412	SISO	1	1.665	1.699	98.00	0.09
	2437	SISO	1	1.665	1.700	97.94	0.09
	2462	SISO	1	1.665	1.699	98.00	0.09
802.11g	2412	SISO	1	0.324	0.362	89.50	0.48
	2437	SISO	1	0.324	0.362	89.50	0.48
	2462	SISO	1	0.323	0.362	89.23	0.49
802.11n(HT20)	2412	SISO	1	0.288	0.331	87.01	0.60
	2437	SISO	1	0.287	0.326	88.04	0.55
	2462	SISO	1	0.288	0.326	88.34	0.54

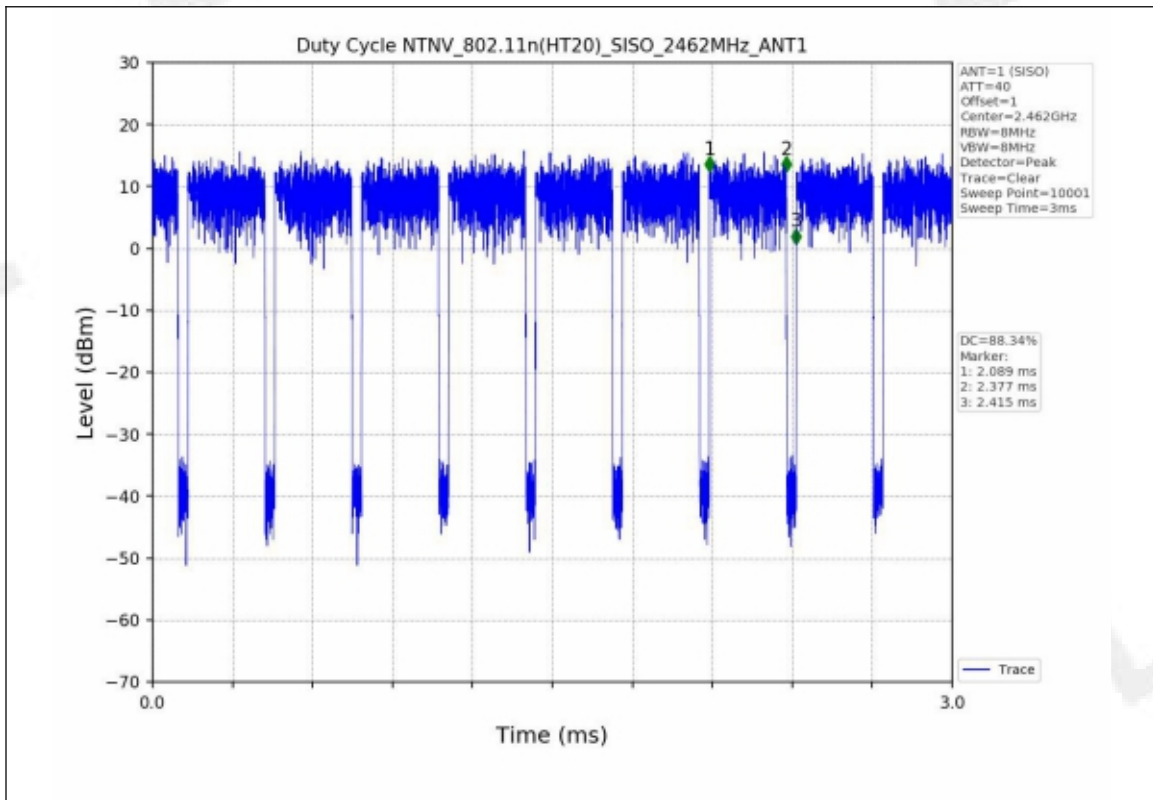
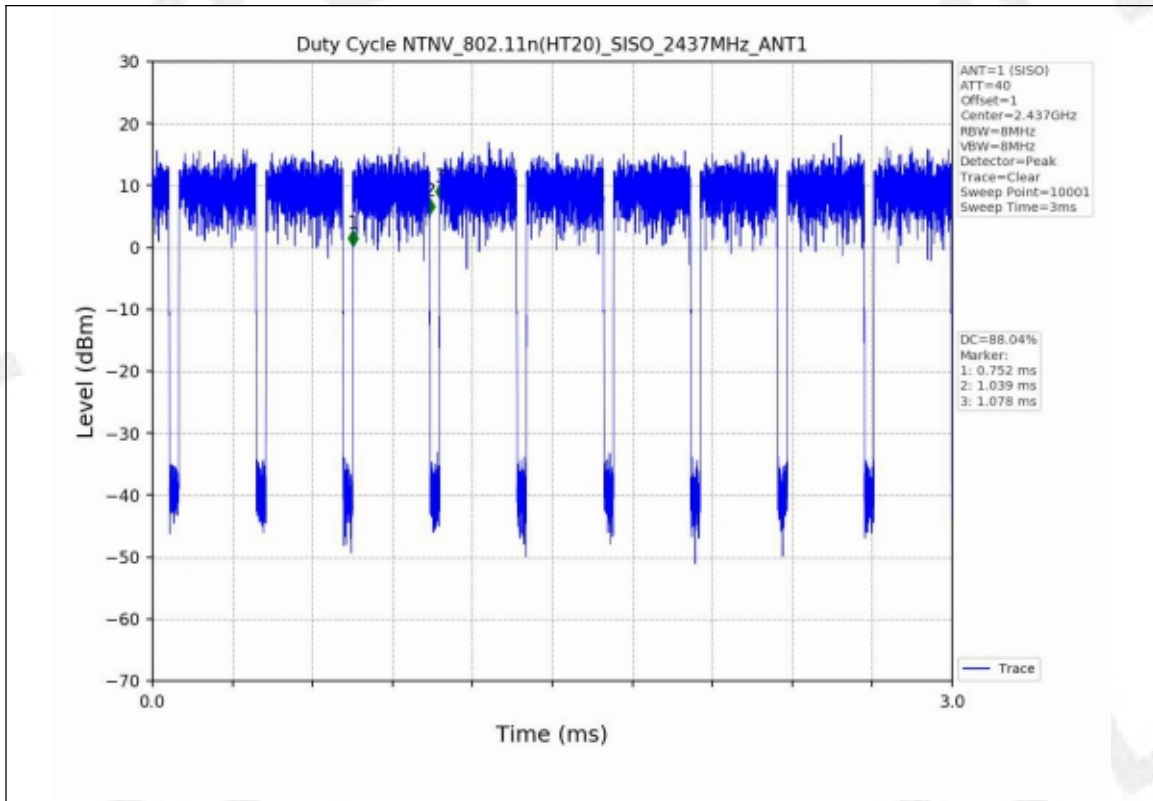
### 1.2 Test Graph











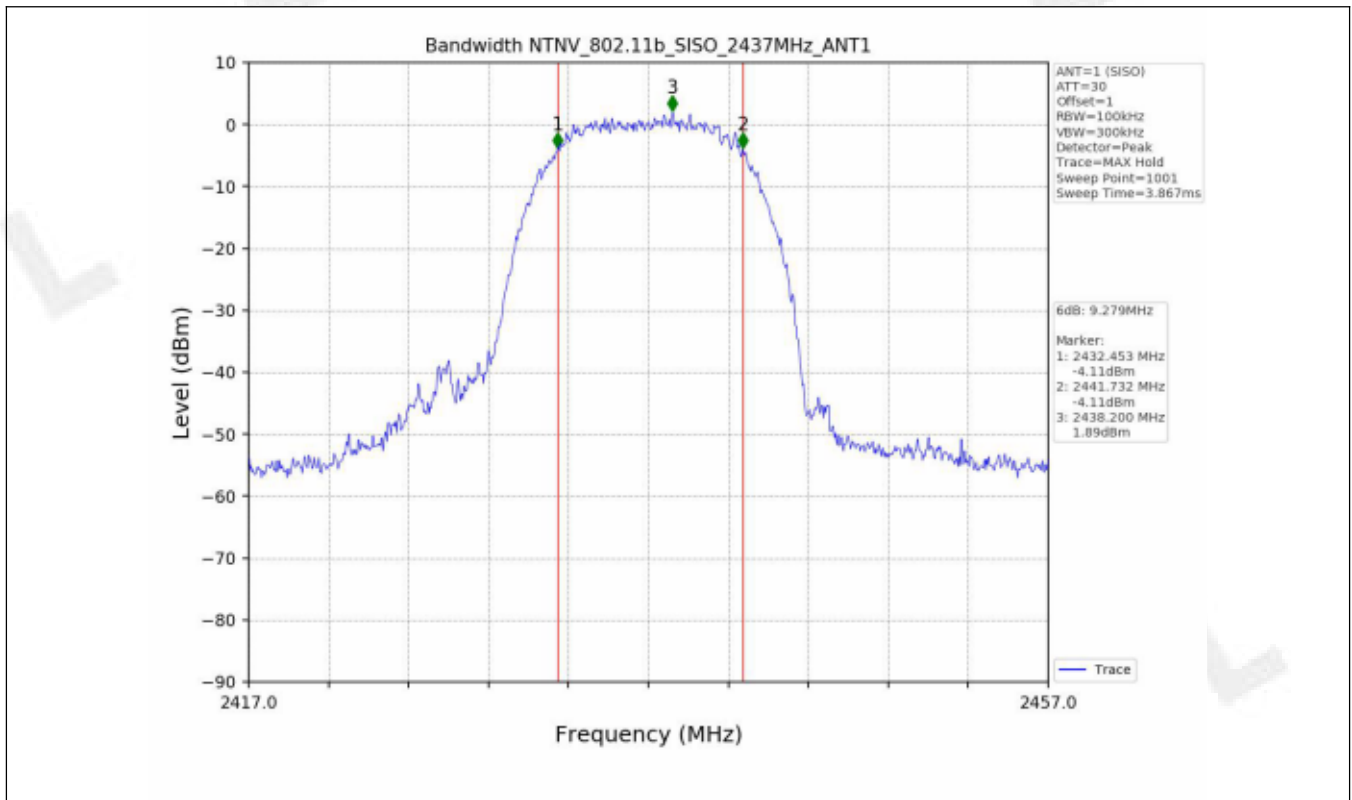
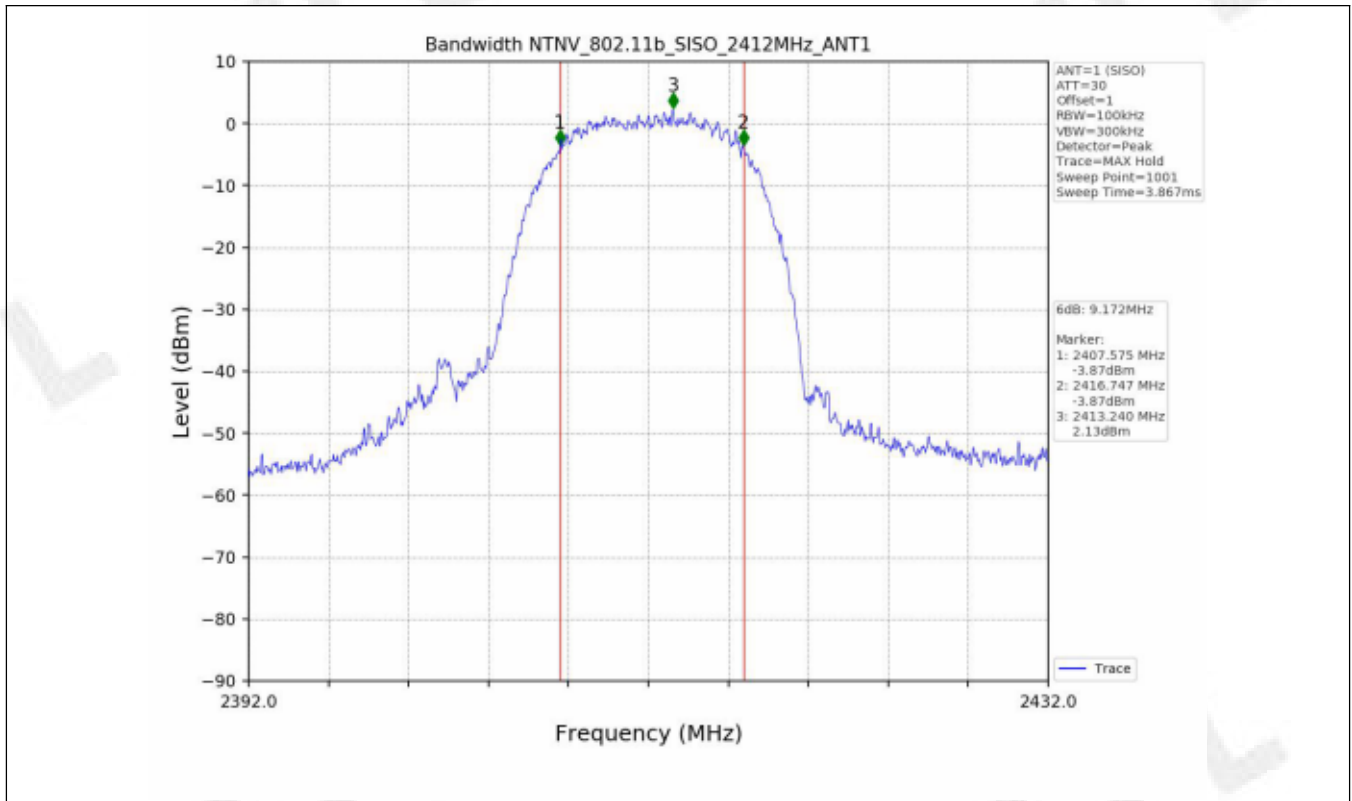
## 2. Bandwidth

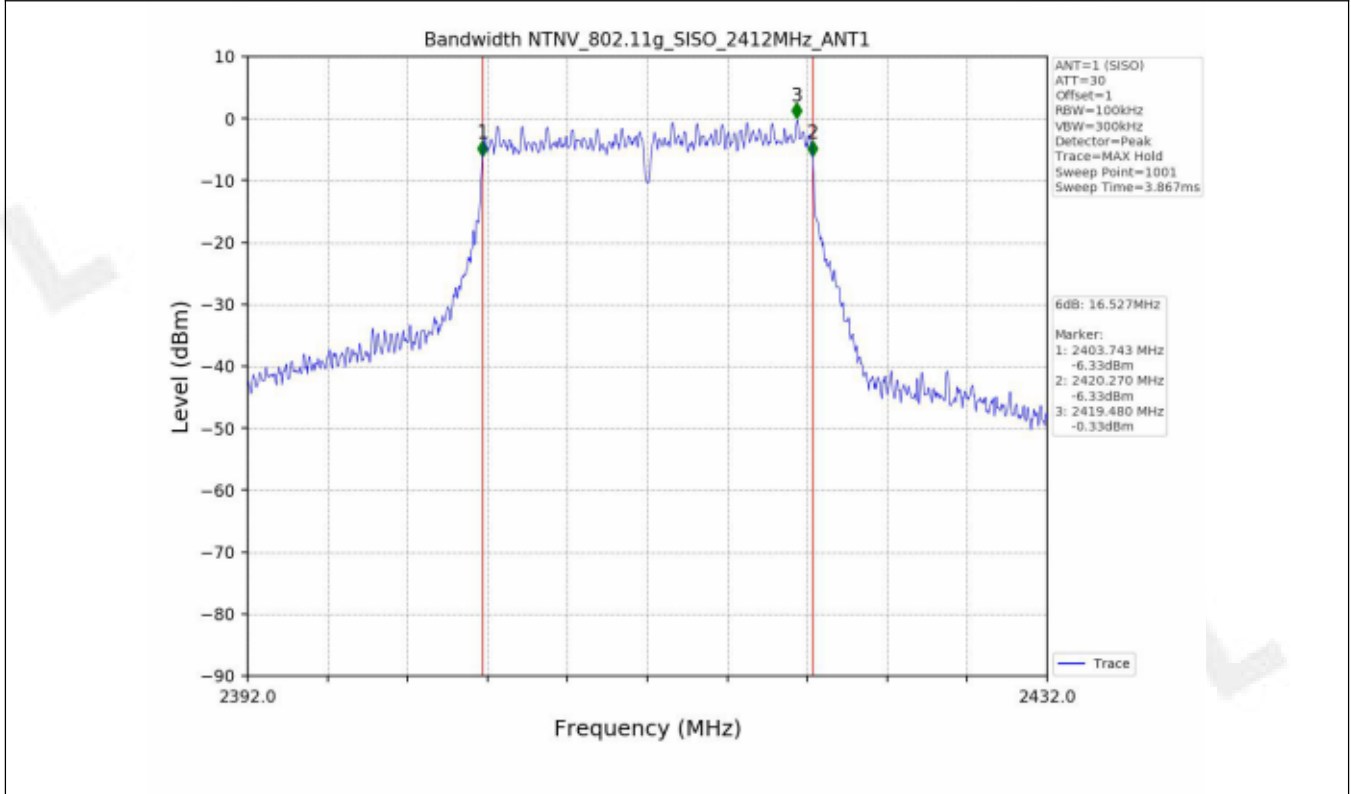
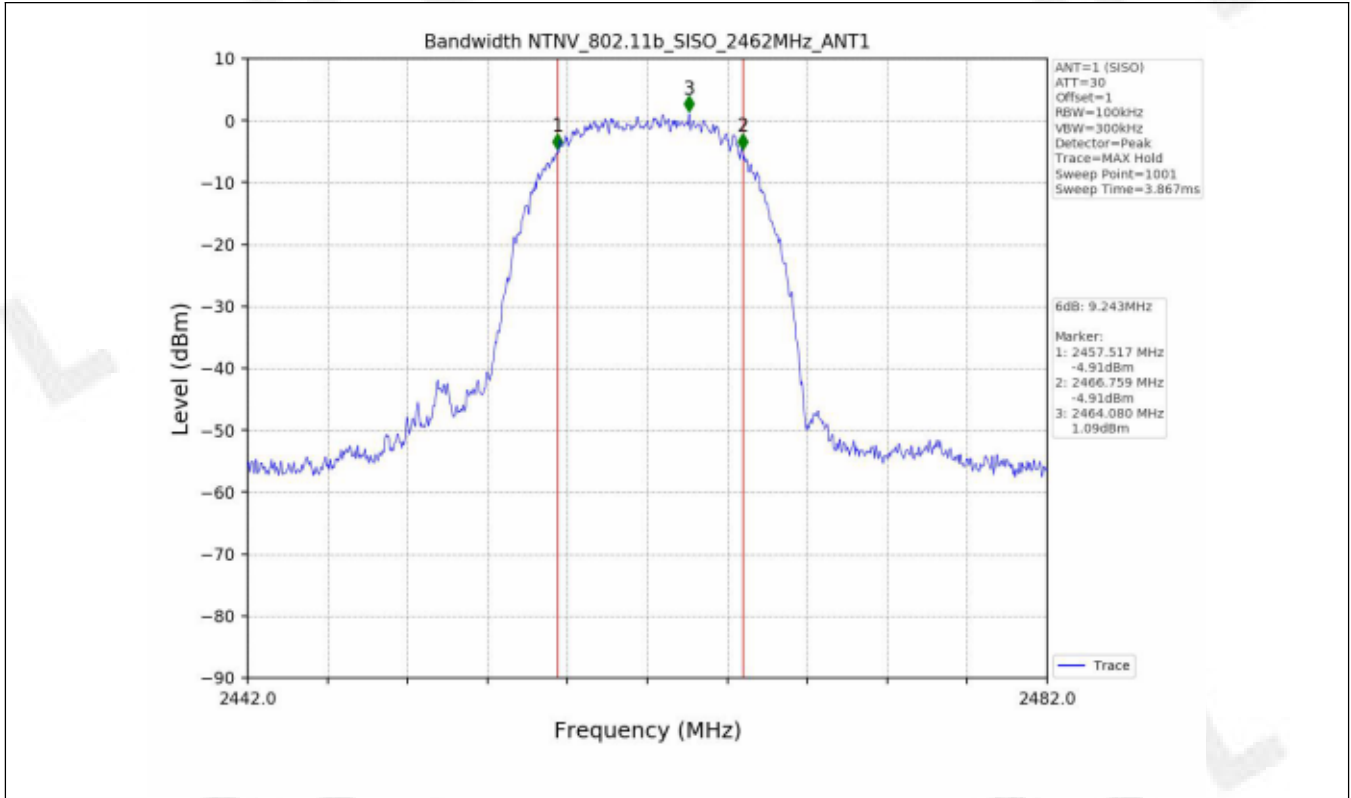
### 2.1 Test Result

Test Mode	Frequency (MHz)	TX Type	ANT No.	6dB Bandwidth	Verdict
				Test Result (MHz)	
802.11b	2412	SISO	1	9.172	PASS
	2437	SISO	1	9.279	PASS
	2462	SISO	1	9.243	PASS
802.11g	2412	SISO	1	16.527	PASS
	2437	SISO	1	16.545	PASS
	2462	SISO	1	16.524	PASS
802.11n(HT20)	2412	SISO	1	17.757	PASS
	2437	SISO	1	17.781	PASS
	2462	SISO	1	17.739	PASS

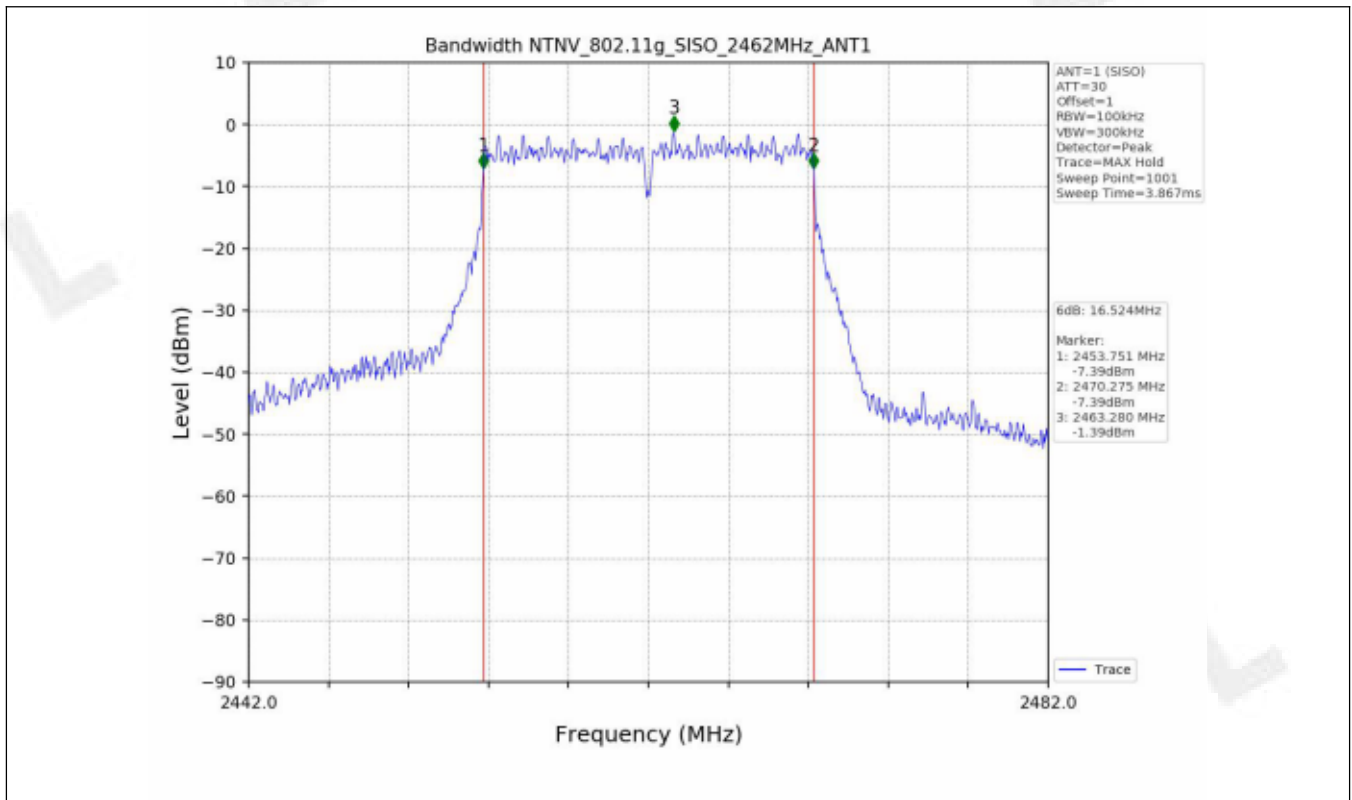
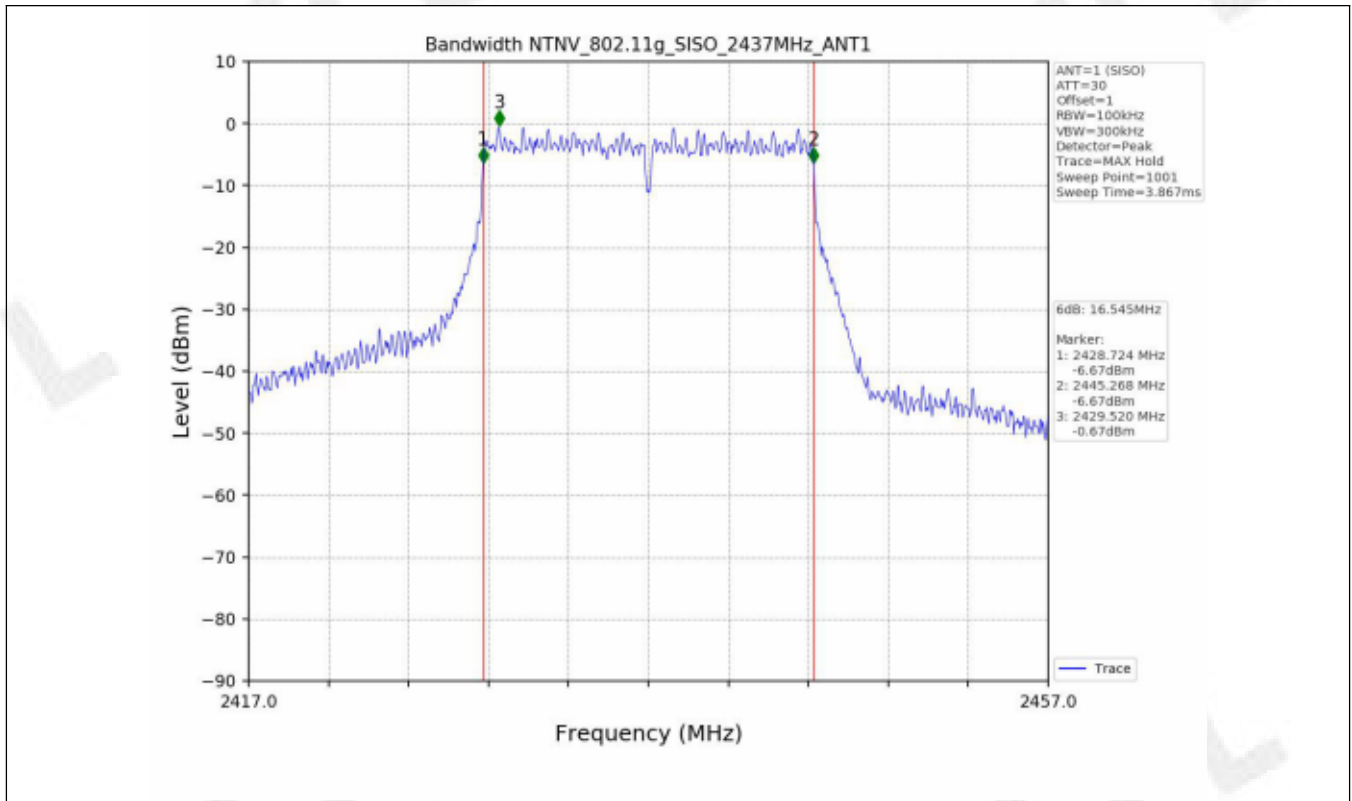
Test Mode	Frequency (MHz)	TX Type	ANT No.	99% Occupied Bandwidth	
				Test Result (MHz)	
802.11b	2412	SISO	1	11.347	Only for Report Use
	2437	SISO	1	11.401	Only for Report Use
	2462	SISO	1	11.330	Only for Report Use
802.11g	2412	SISO	1	16.614	Only for Report Use
	2437	SISO	1	16.633	Only for Report Use
	2462	SISO	1	16.613	Only for Report Use
802.11n(HT20)	2412	SISO	1	17.762	Only for Report Use
	2437	SISO	1	17.737	Only for Report Use
	2462	SISO	1	17.741	Only for Report Use

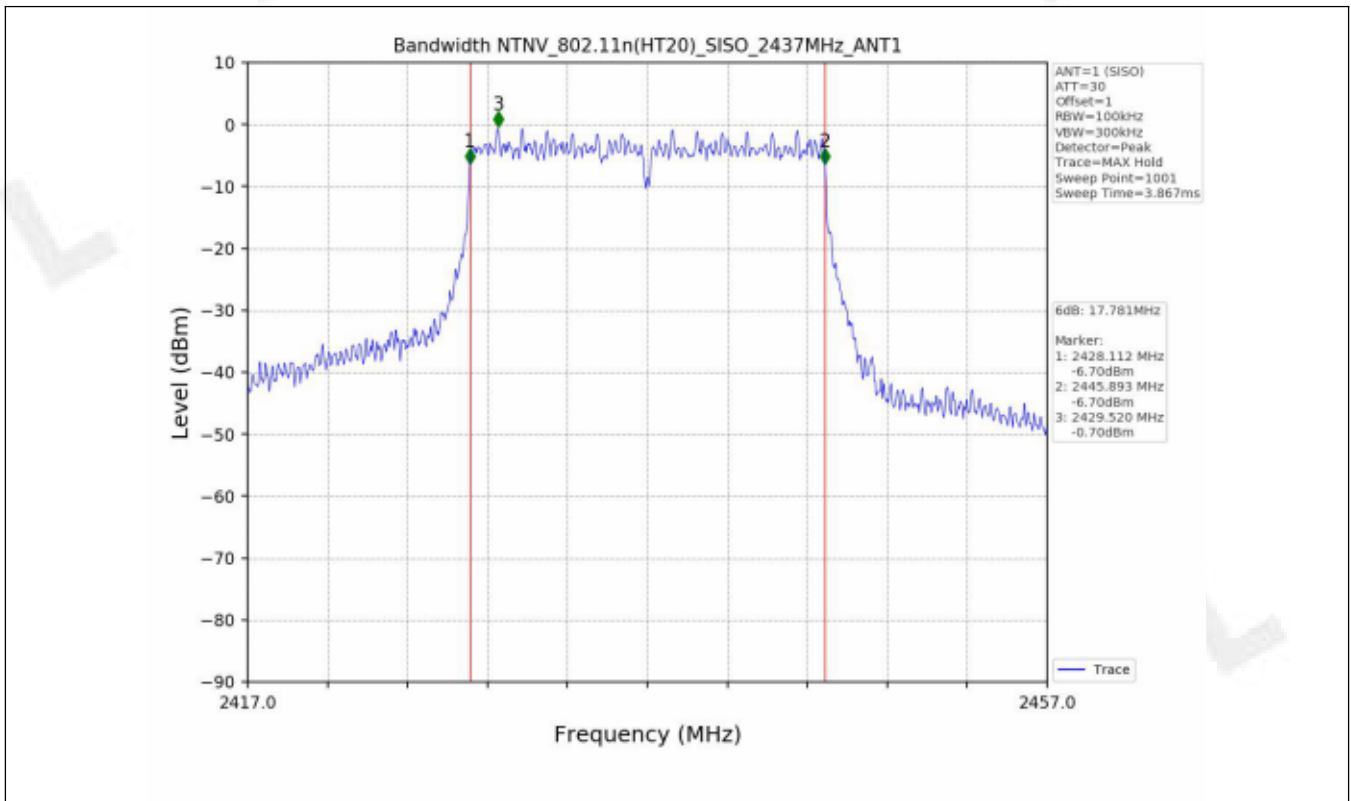
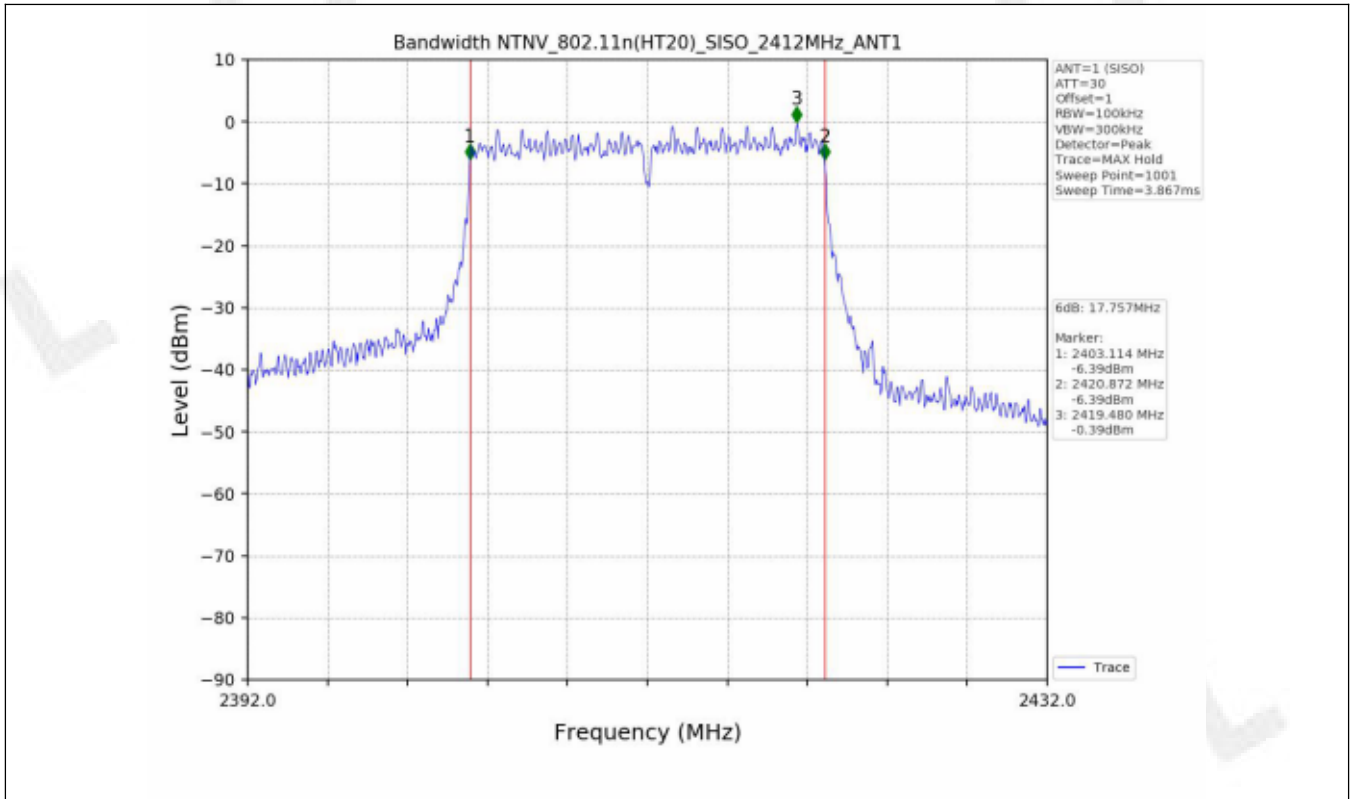
### 2.2 Test Graph - 6dB Bandwidth

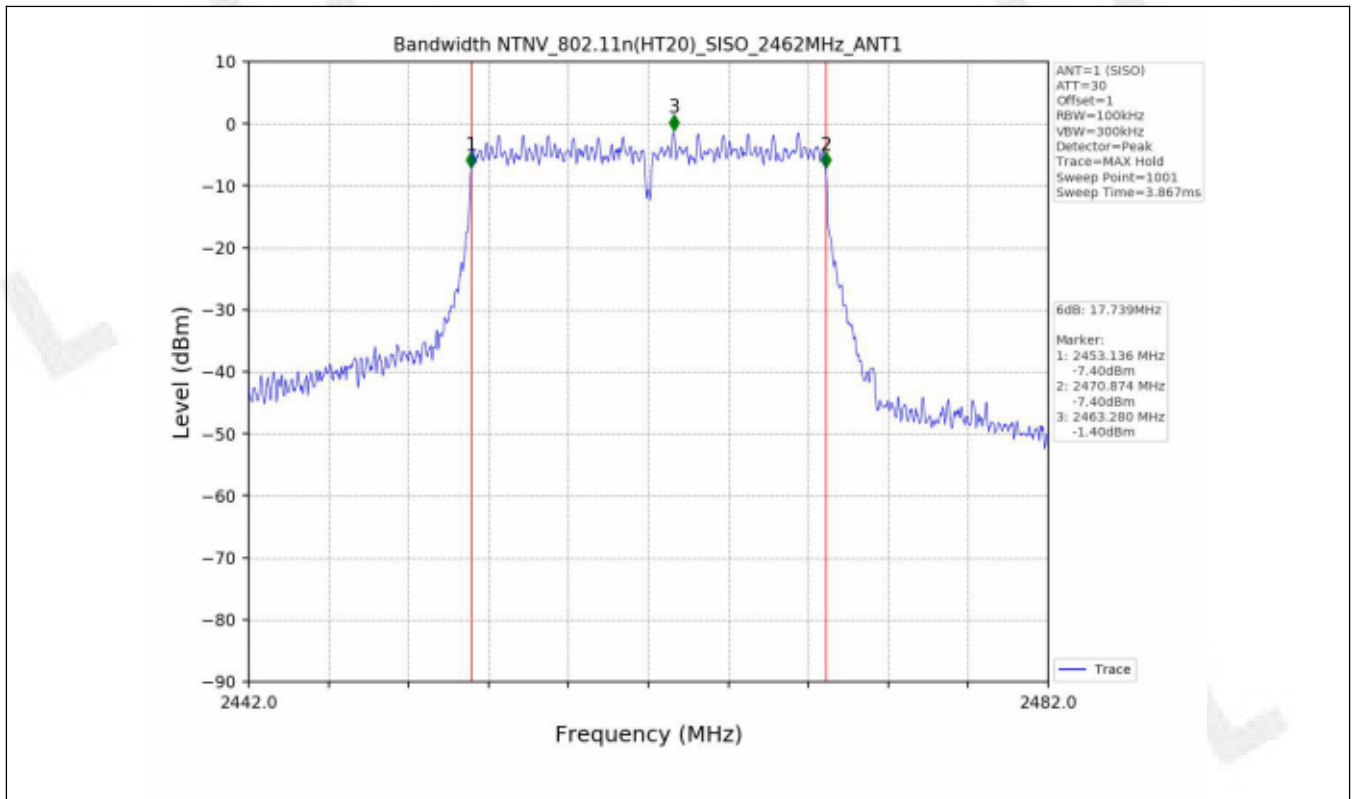




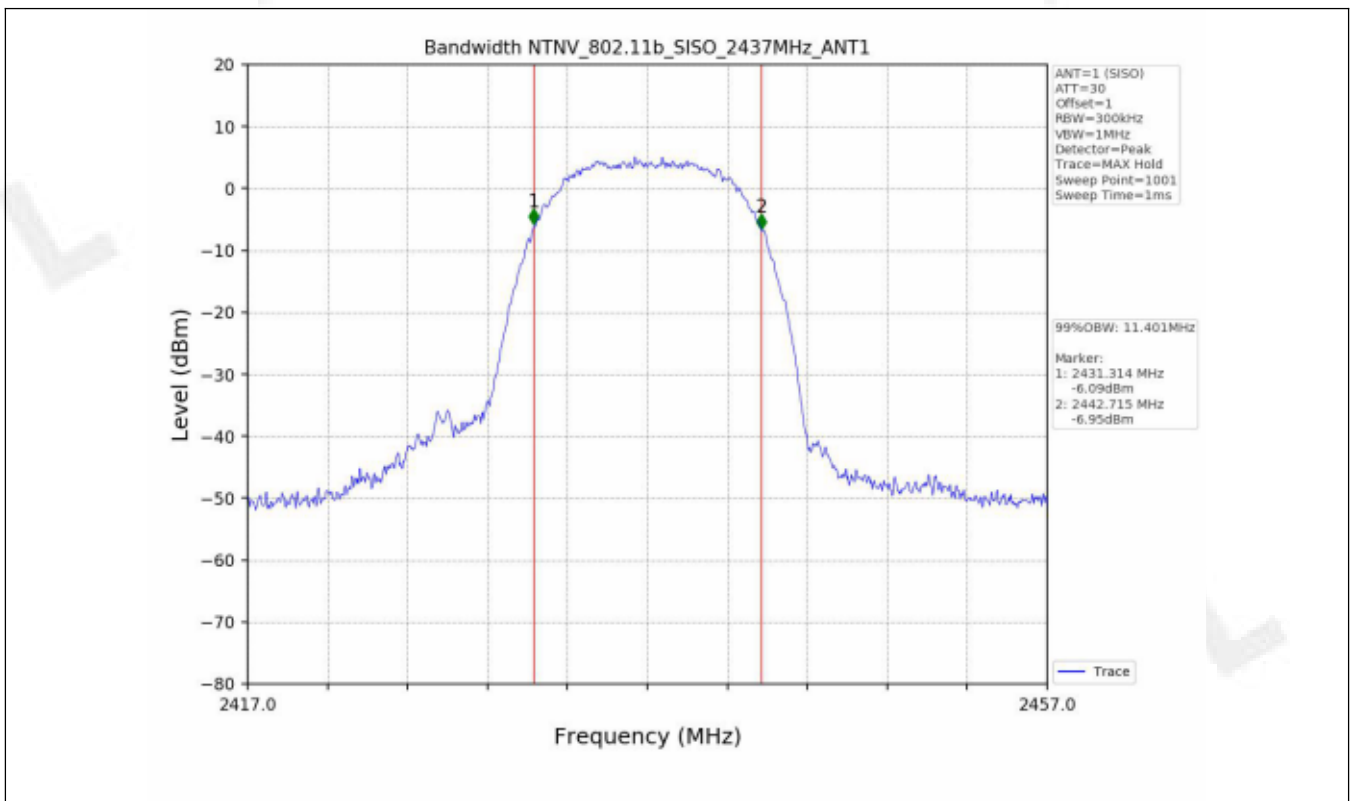
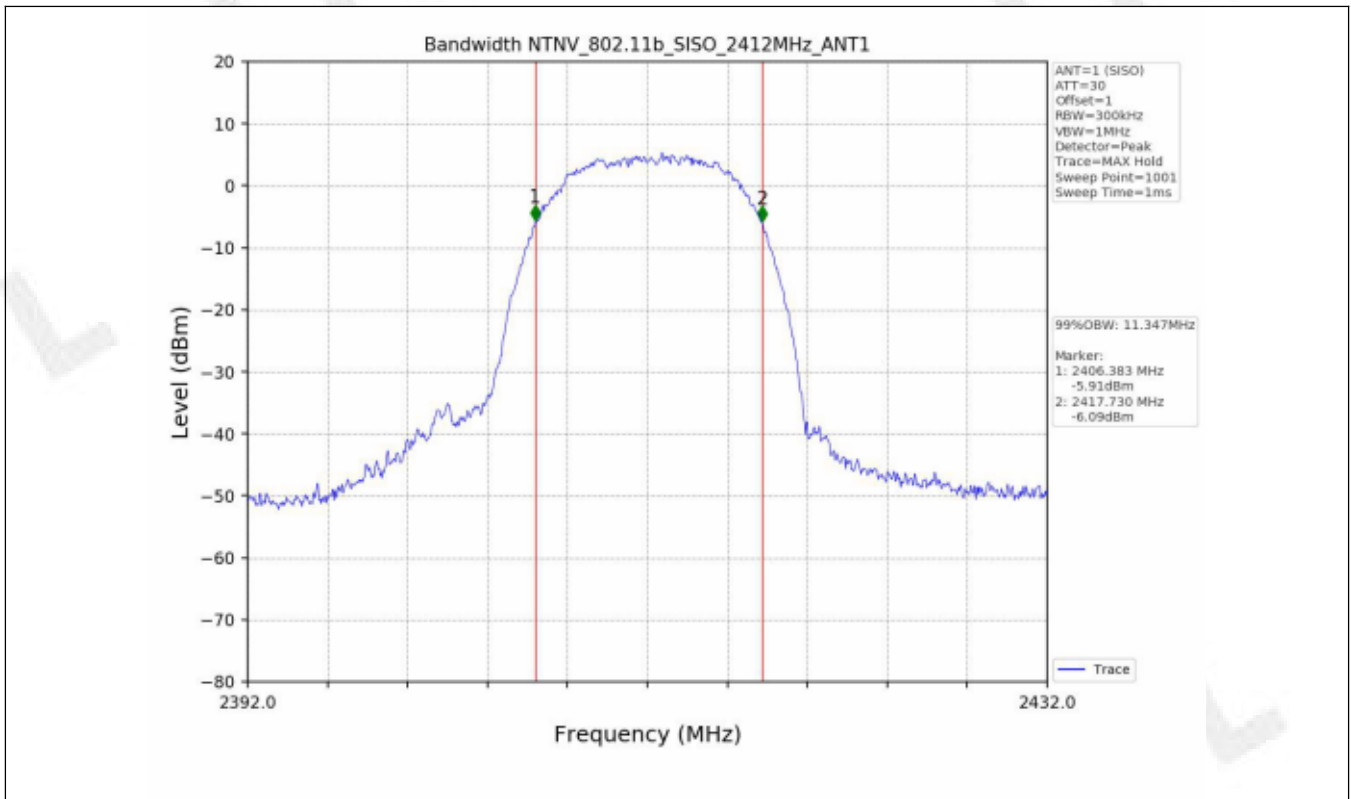


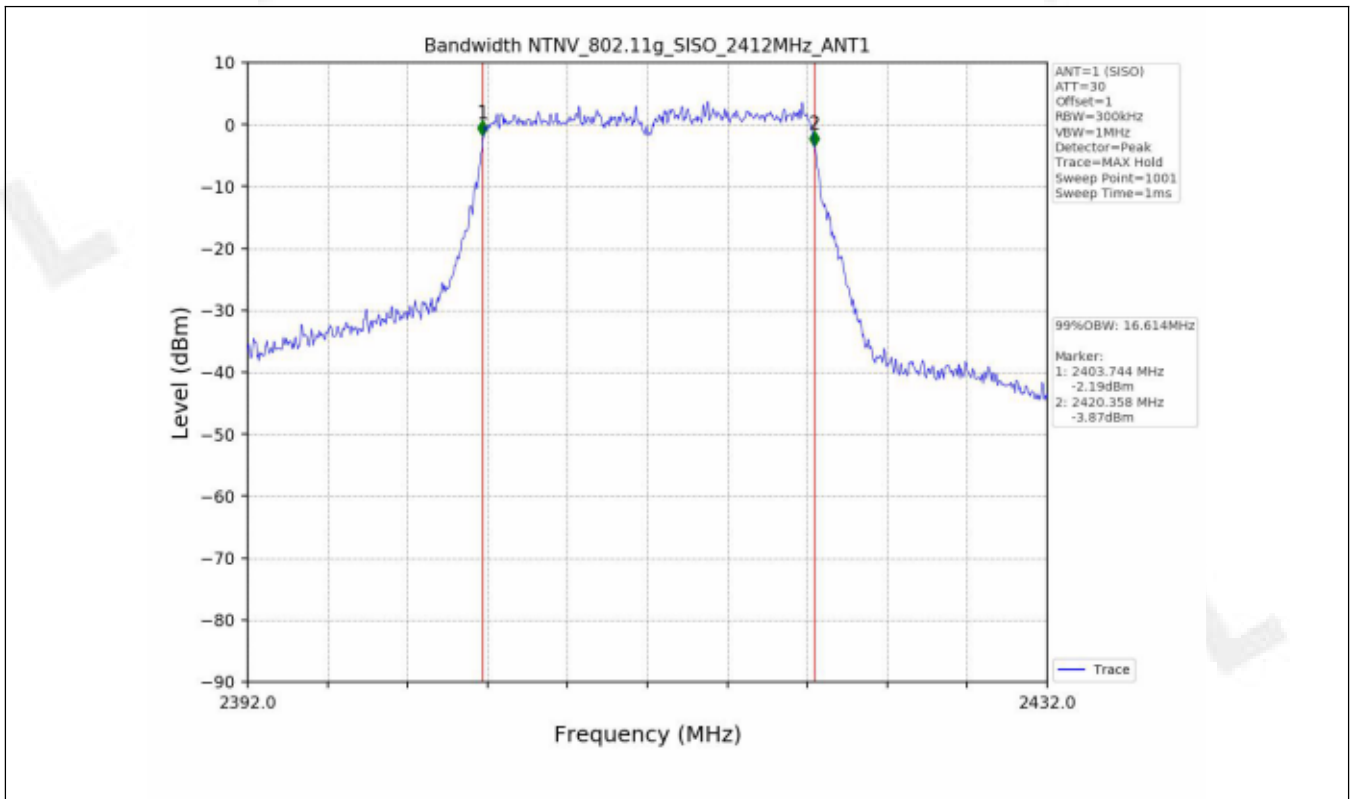
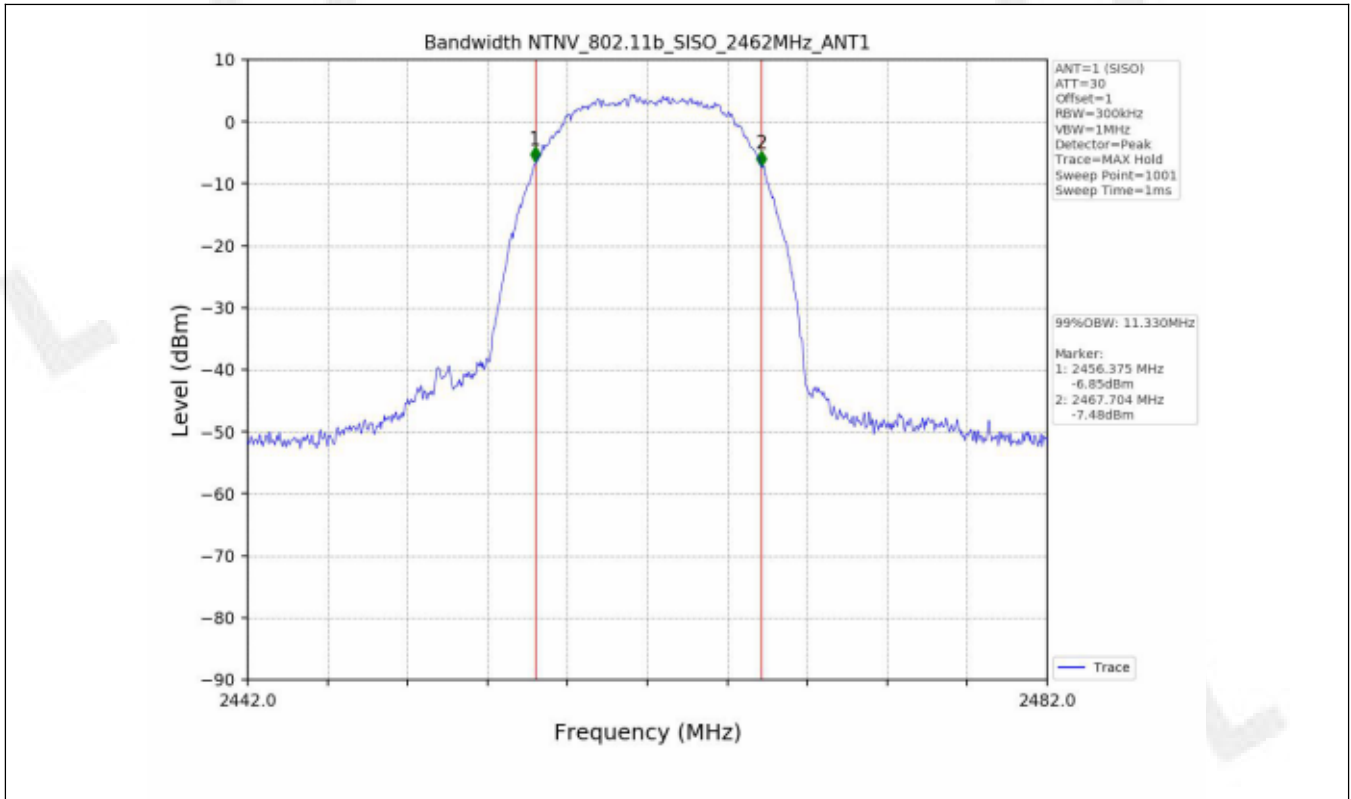


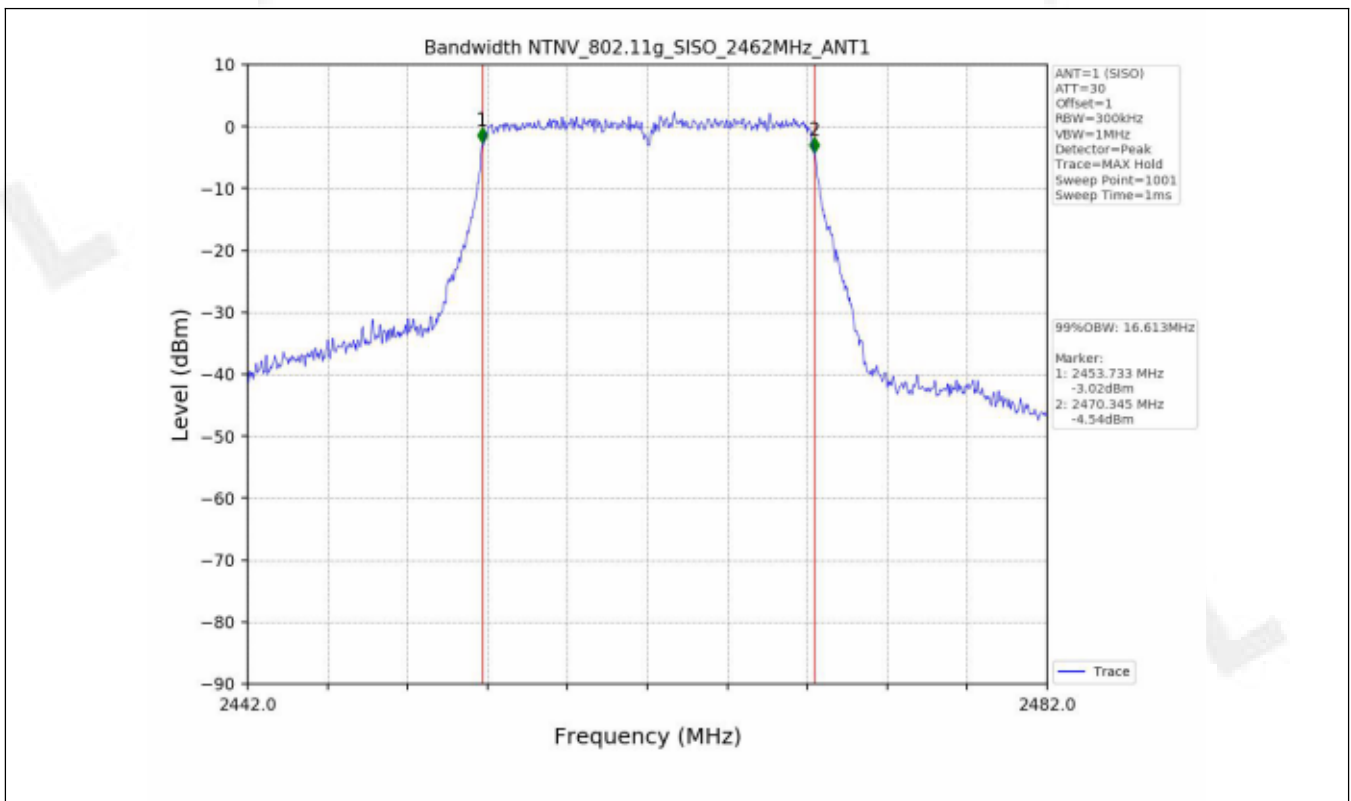
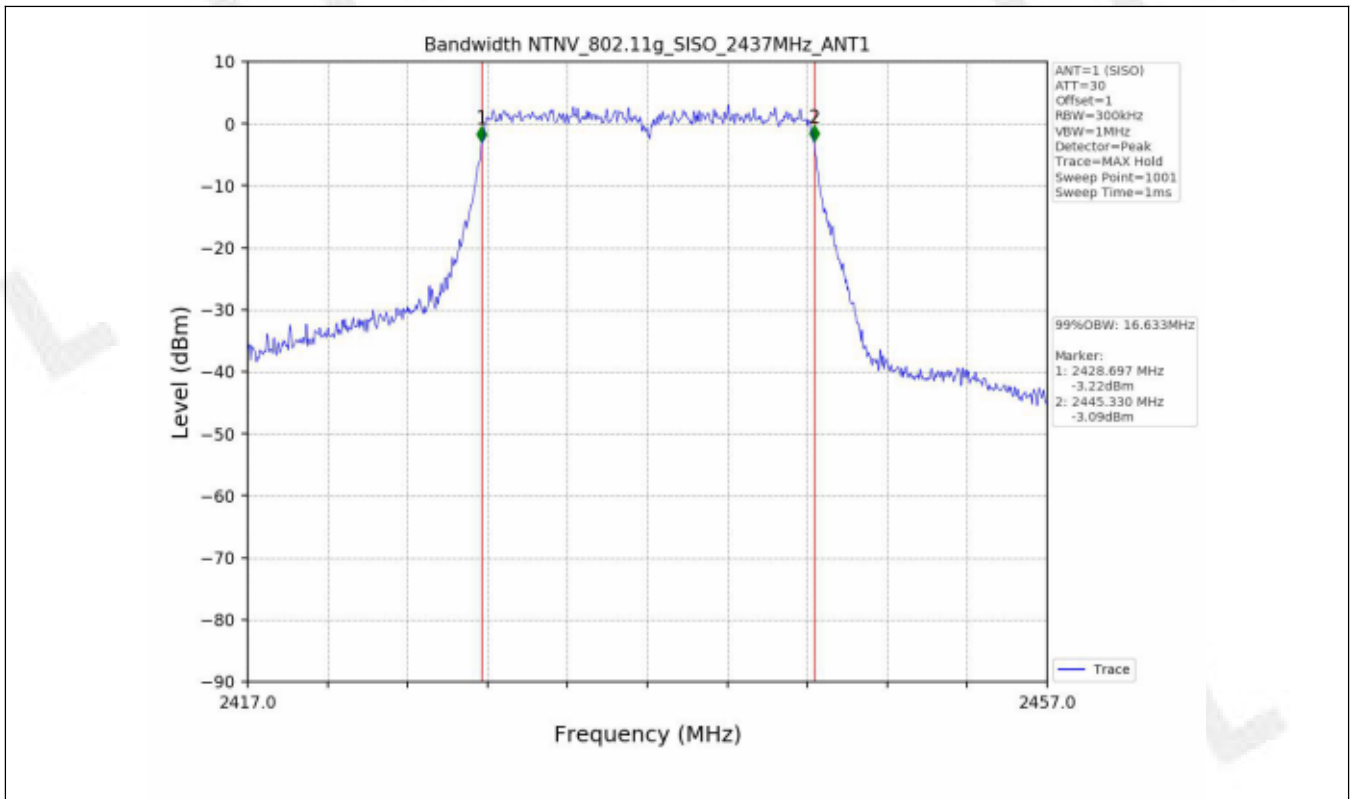


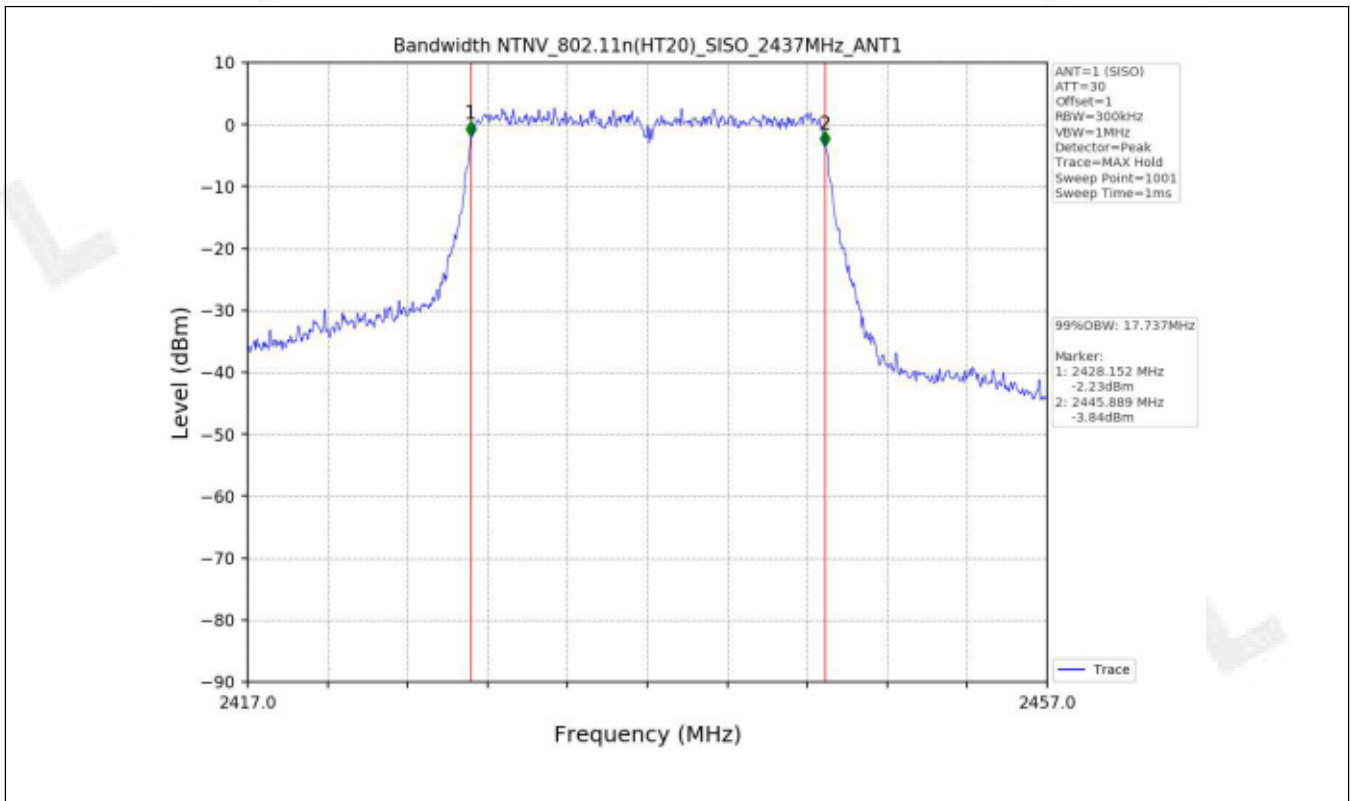
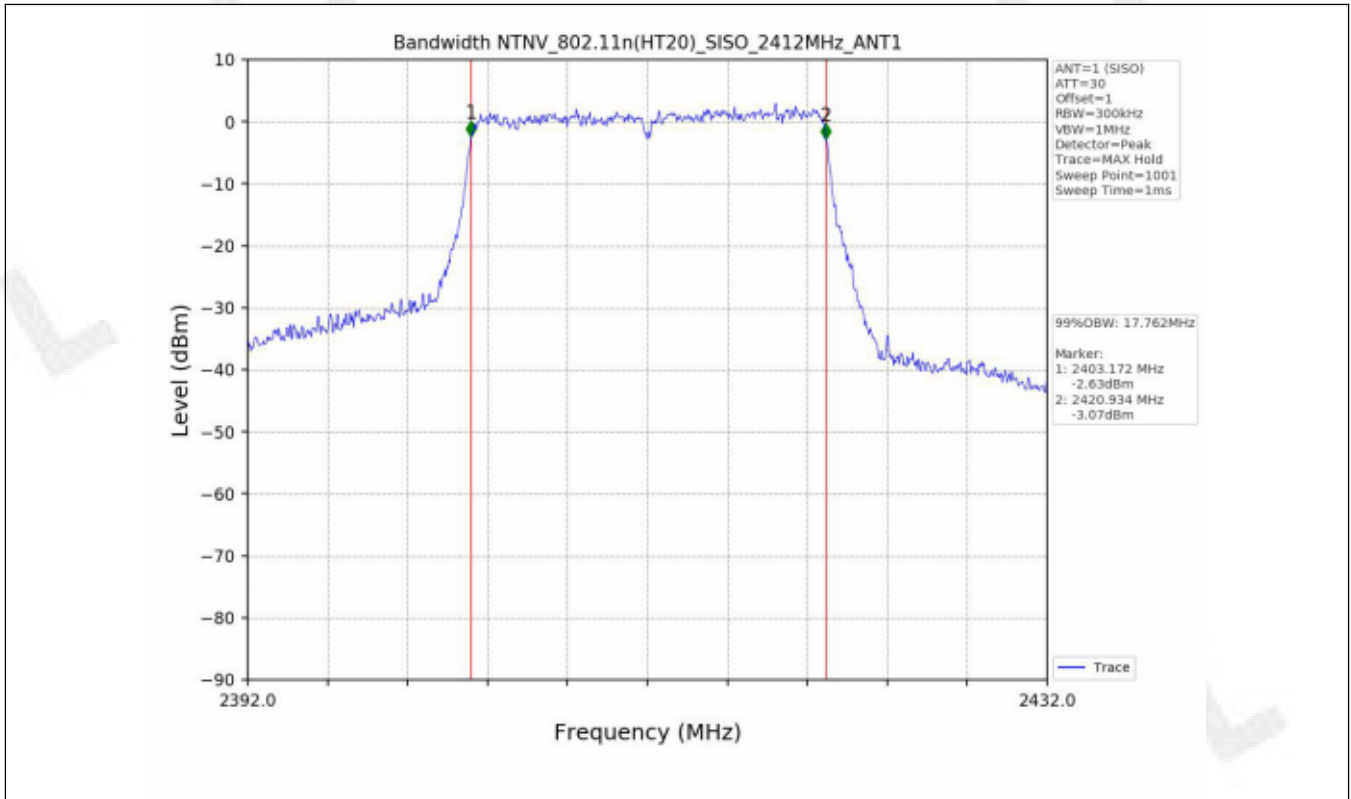


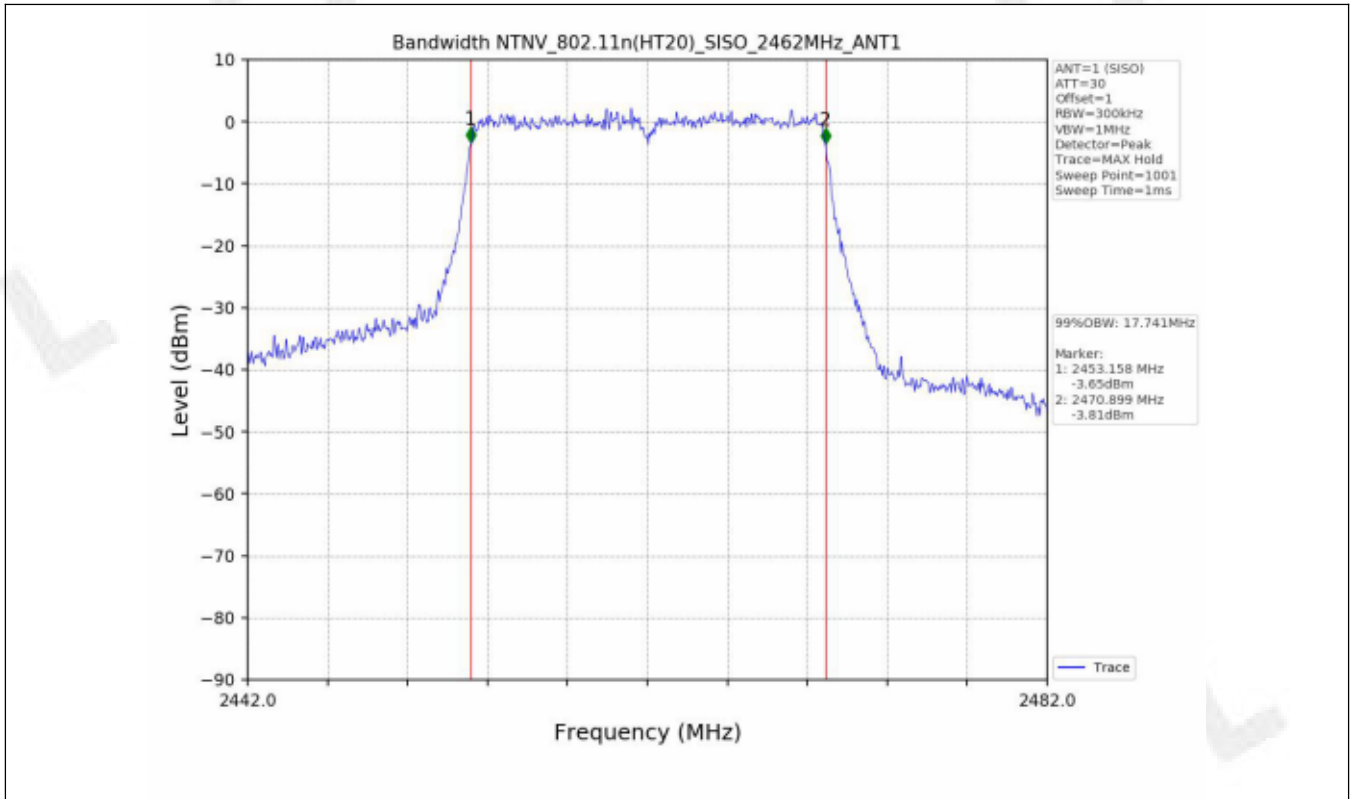
### 2.3 Test Graph - 99% Occupied Bandwidth











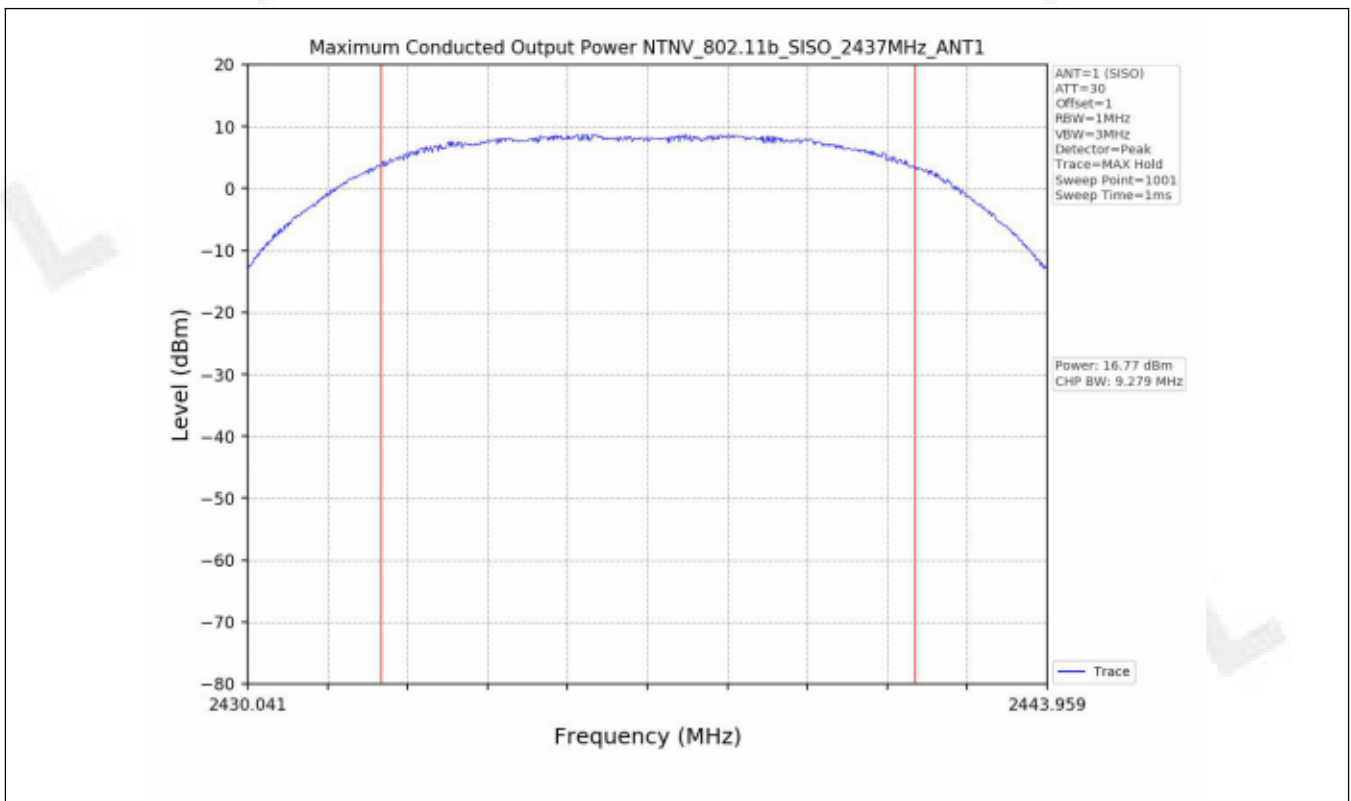
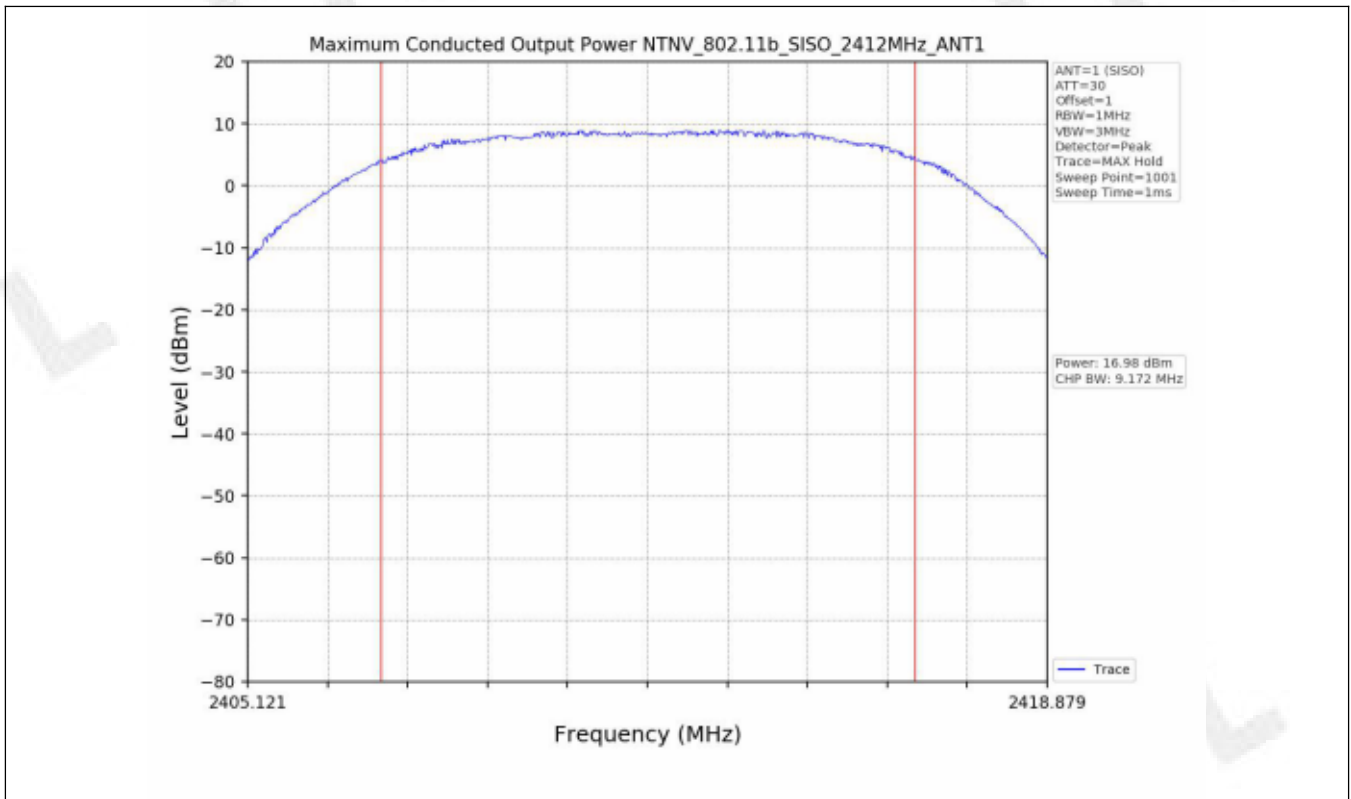
### 3. Maximum Conducted Output Power

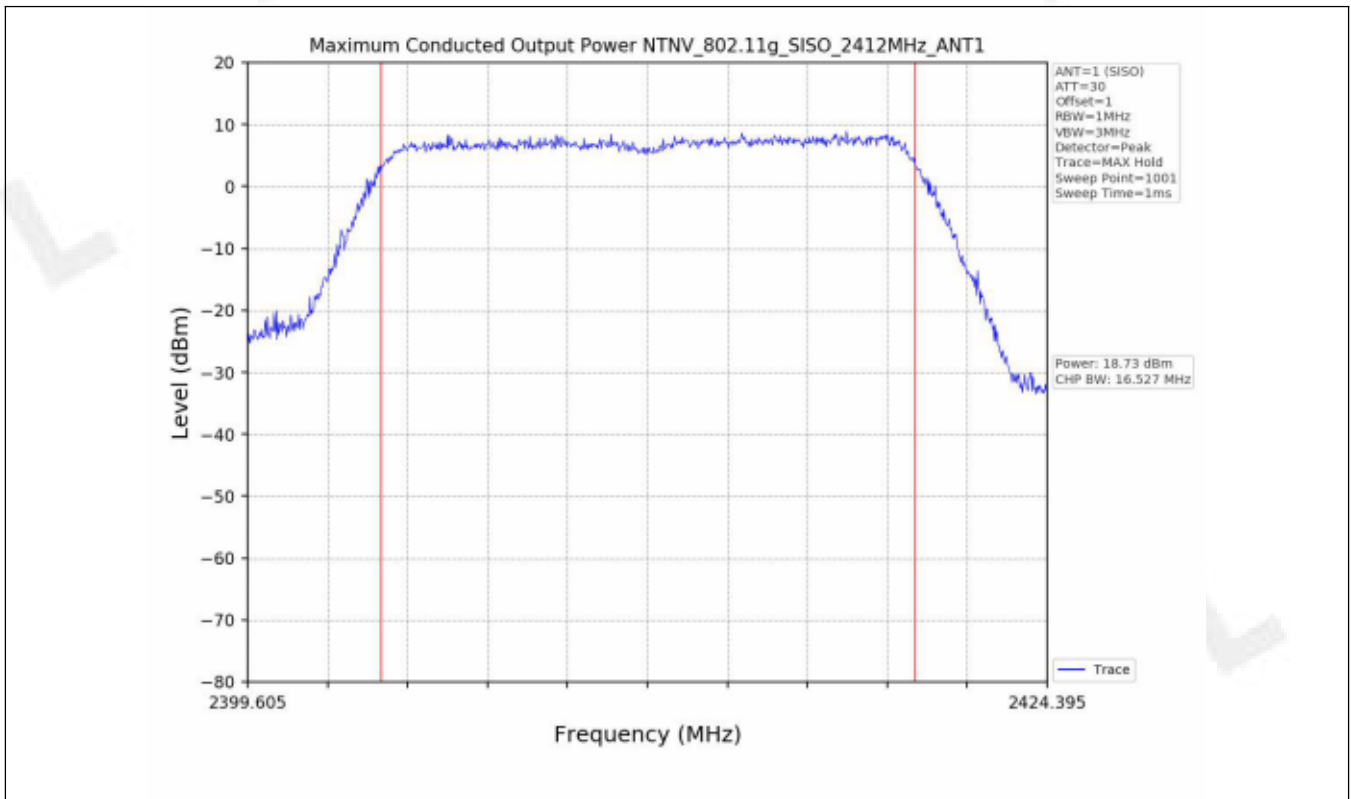
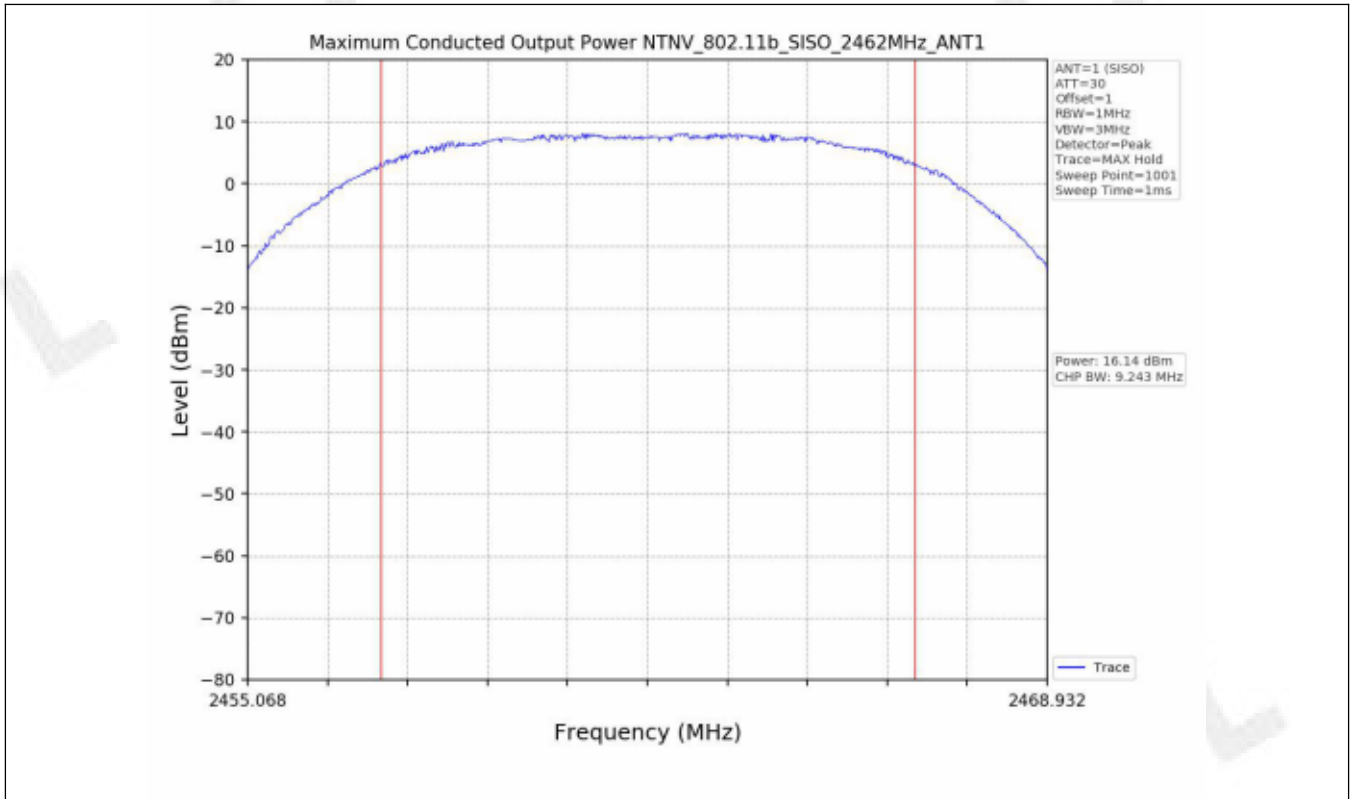
#### 3.1 Test Result

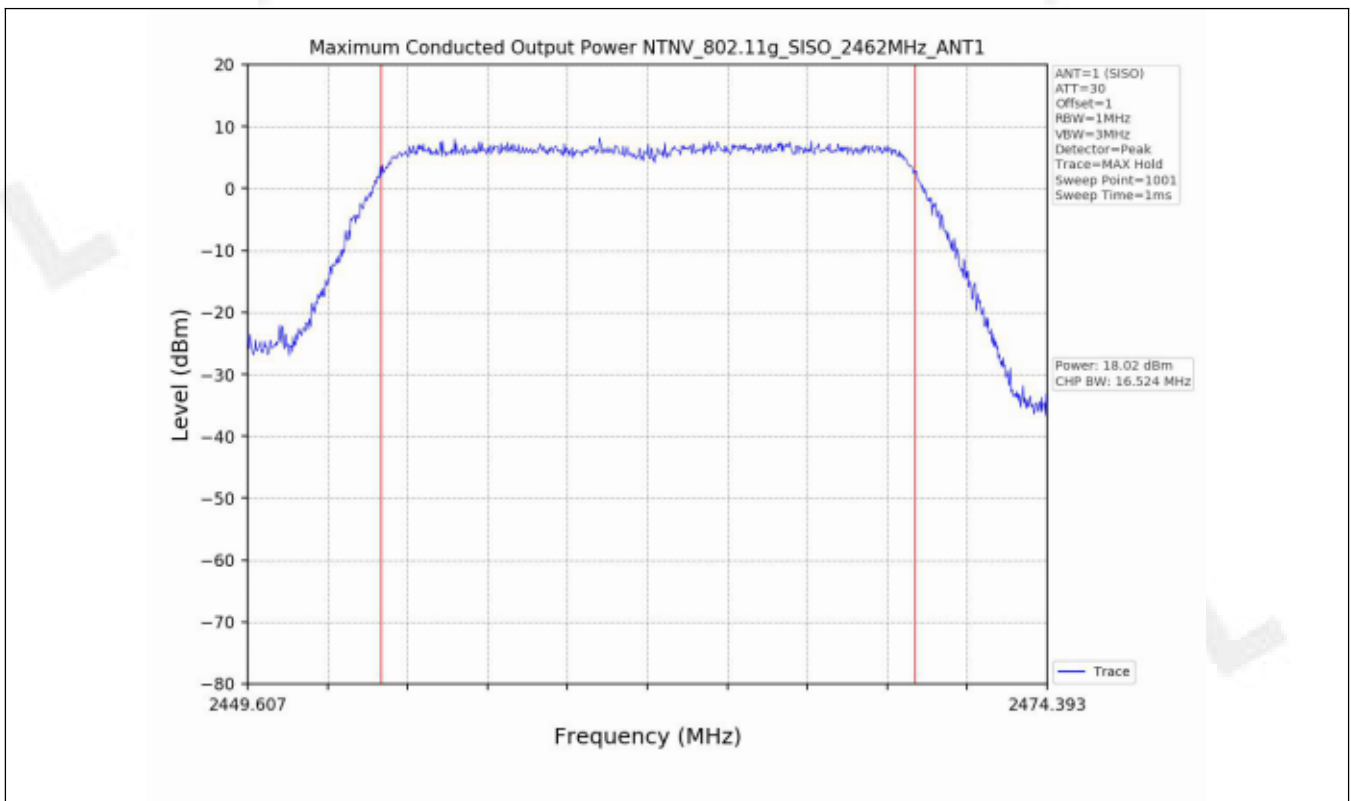
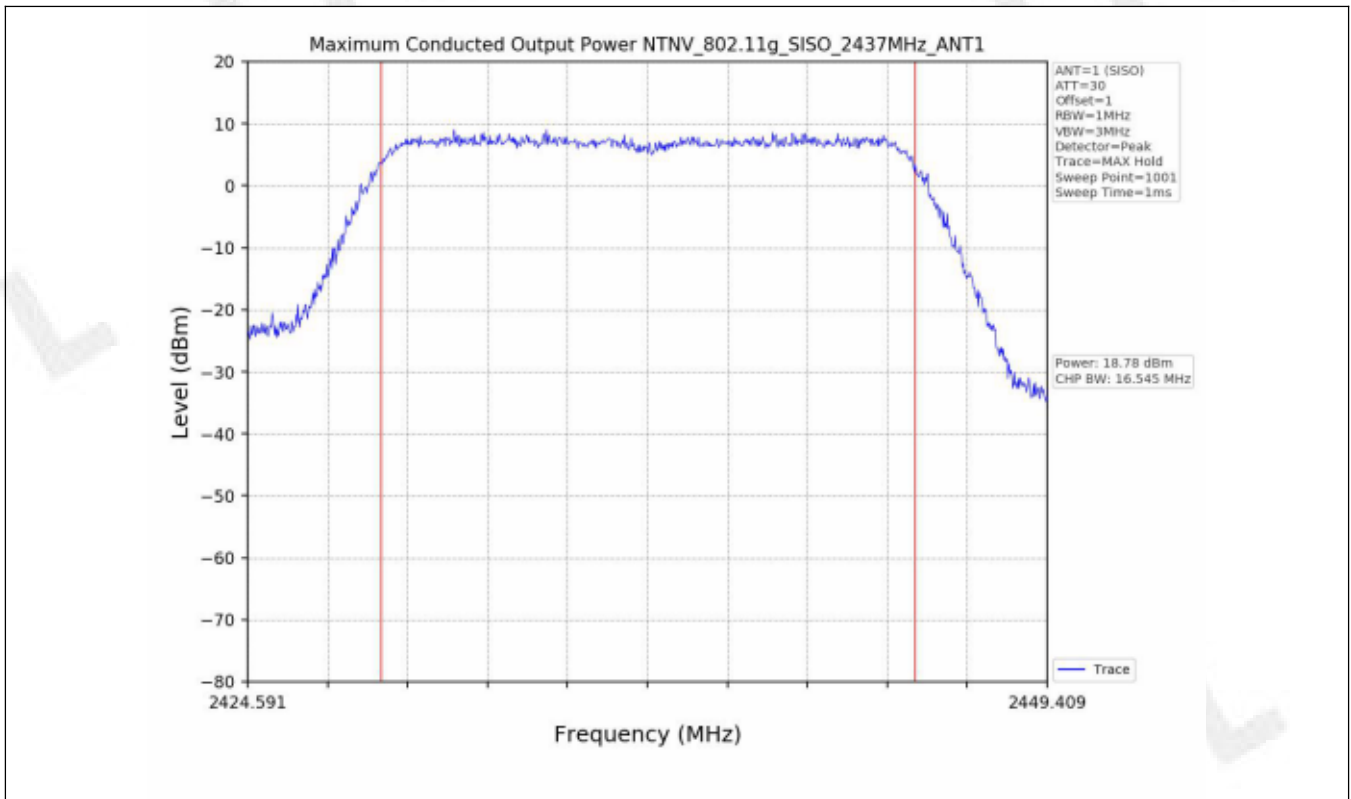
Test Mode	Frequency (MHz)	Tx Type	Measured Peak Output Power (dBm)	Limits (dBm)	Verdict
			Ant 1		
802.11b	2412	SISO	16.98	30	PASS
	2437	SISO	16.77	30	PASS
	2462	SISO	16.14	30	PASS
802.11g	2412	SISO	18.73	30	PASS
	2437	SISO	18.78	30	PASS
	2462	SISO	18.02	30	PASS
802.11n(HT20)	2412	SISO	18.77	30	PASS
	2437	SISO	18.73	30	PASS
	2462	SISO	18.04	30	PASS

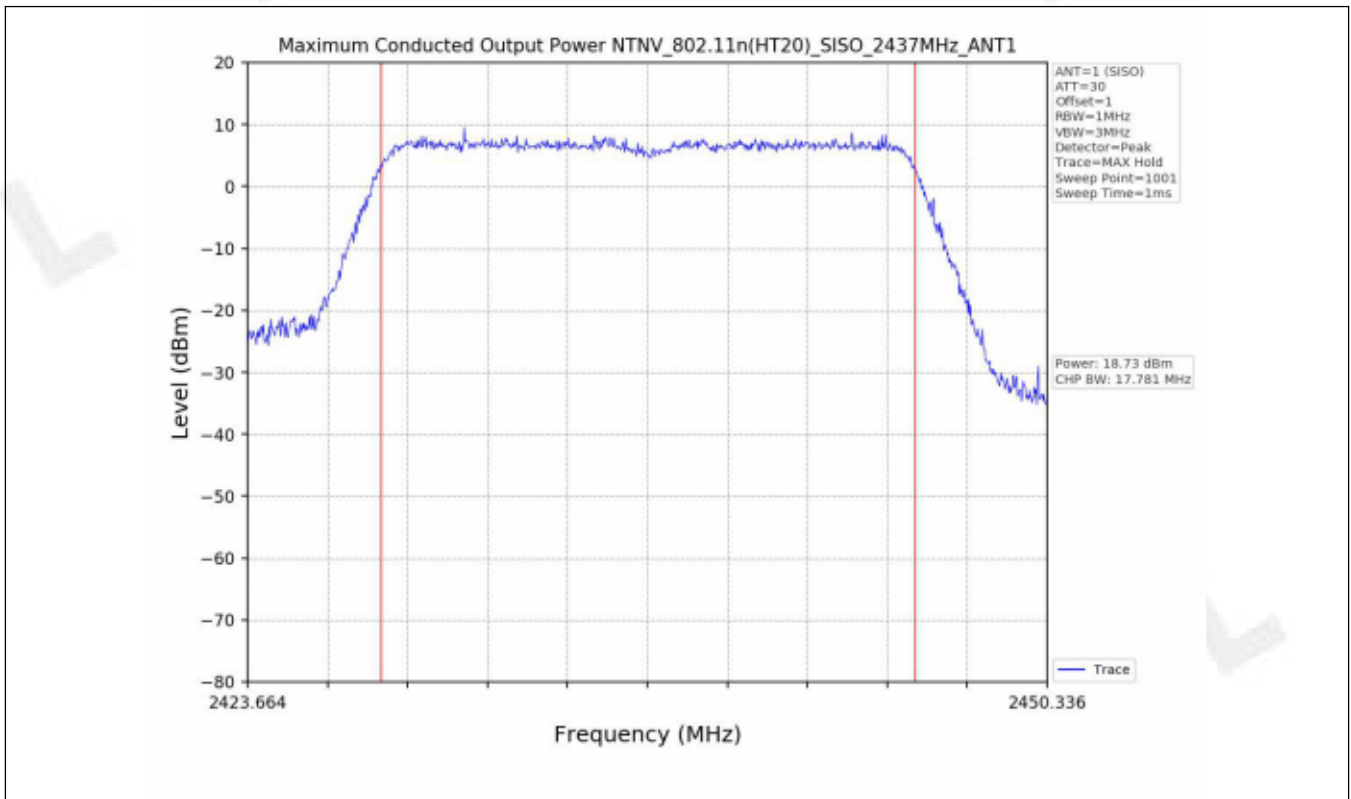
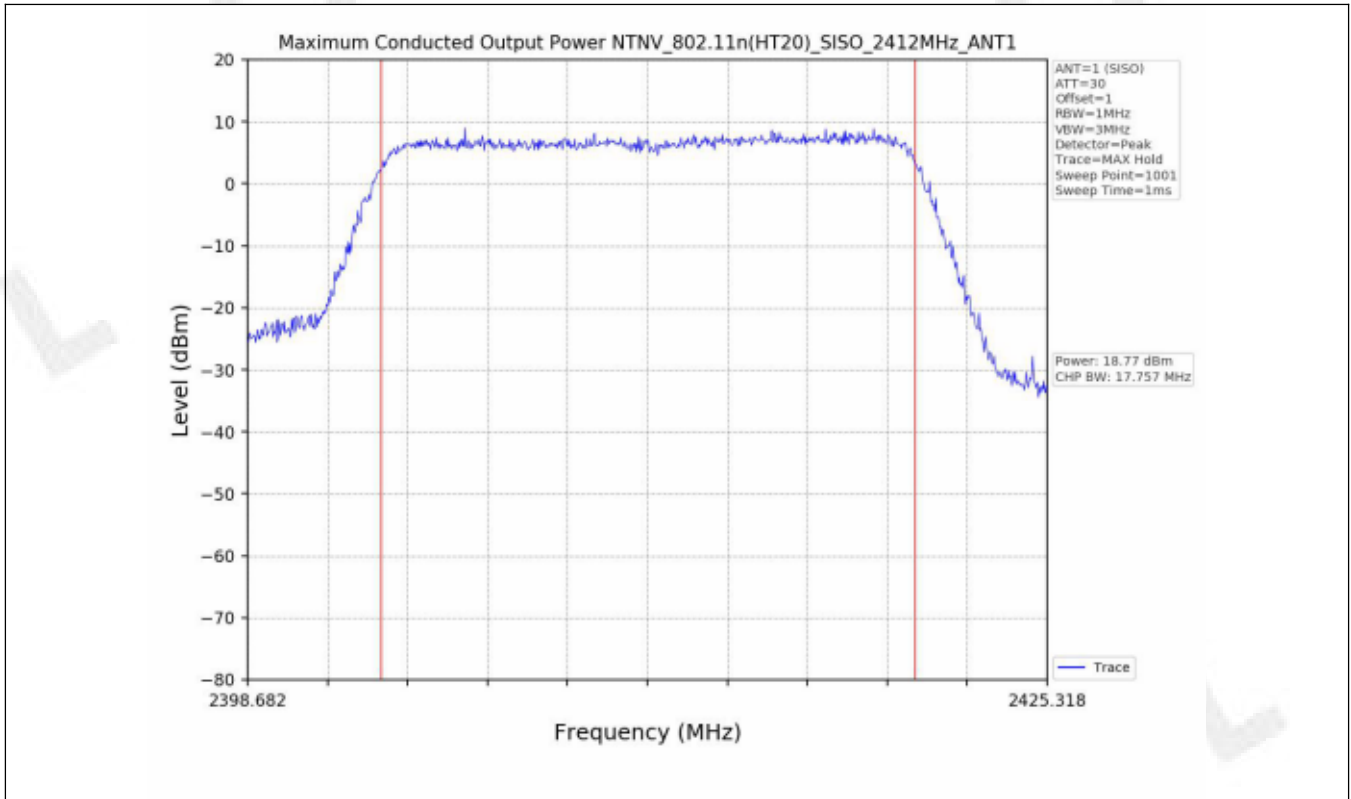
#### 3.2 Test Graph

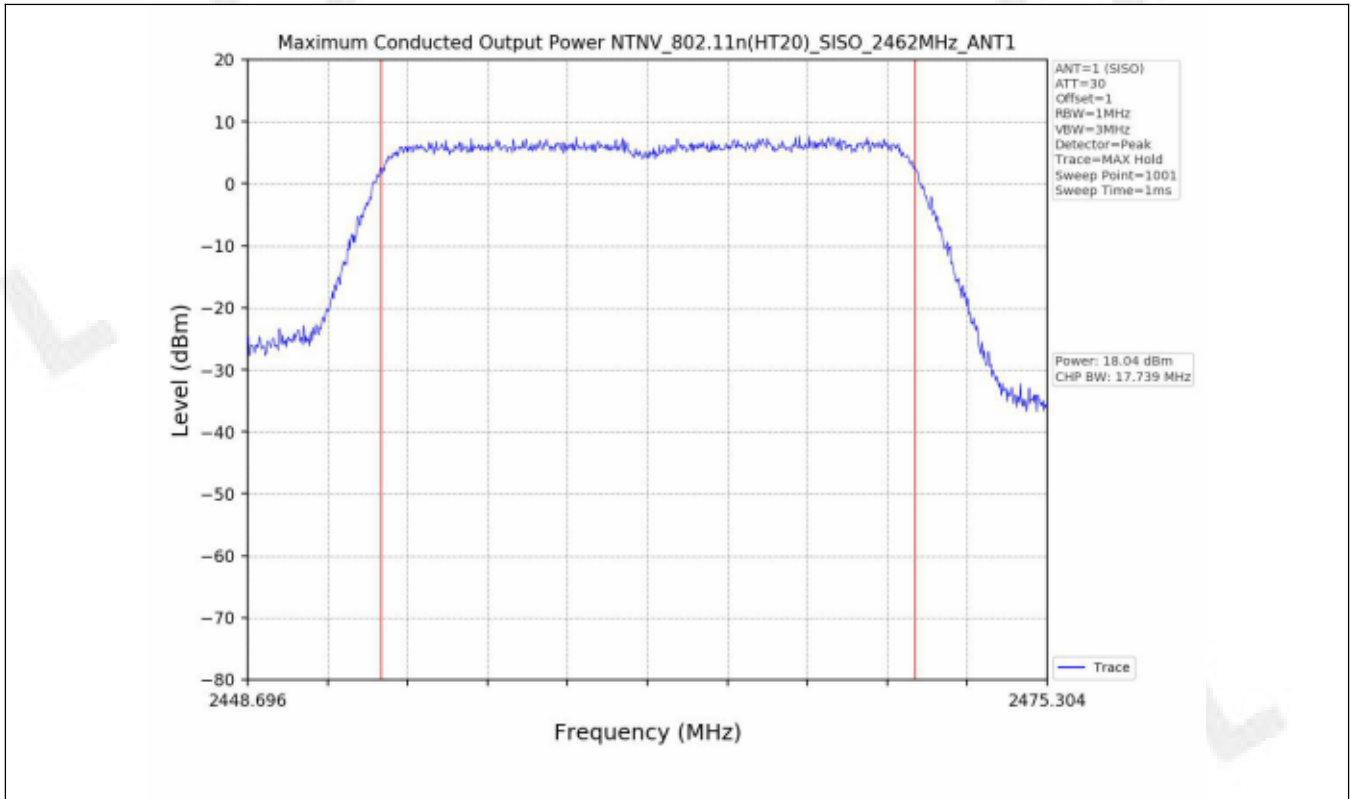










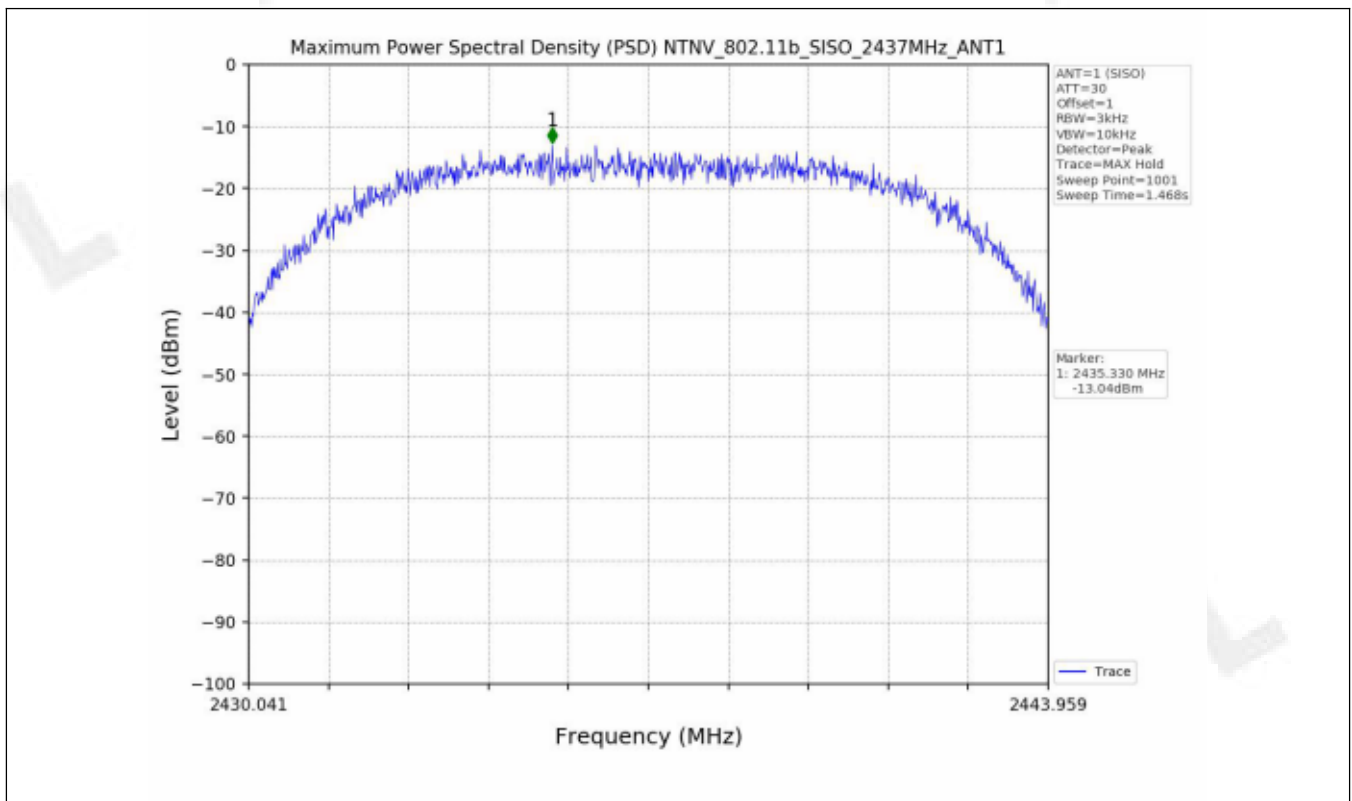
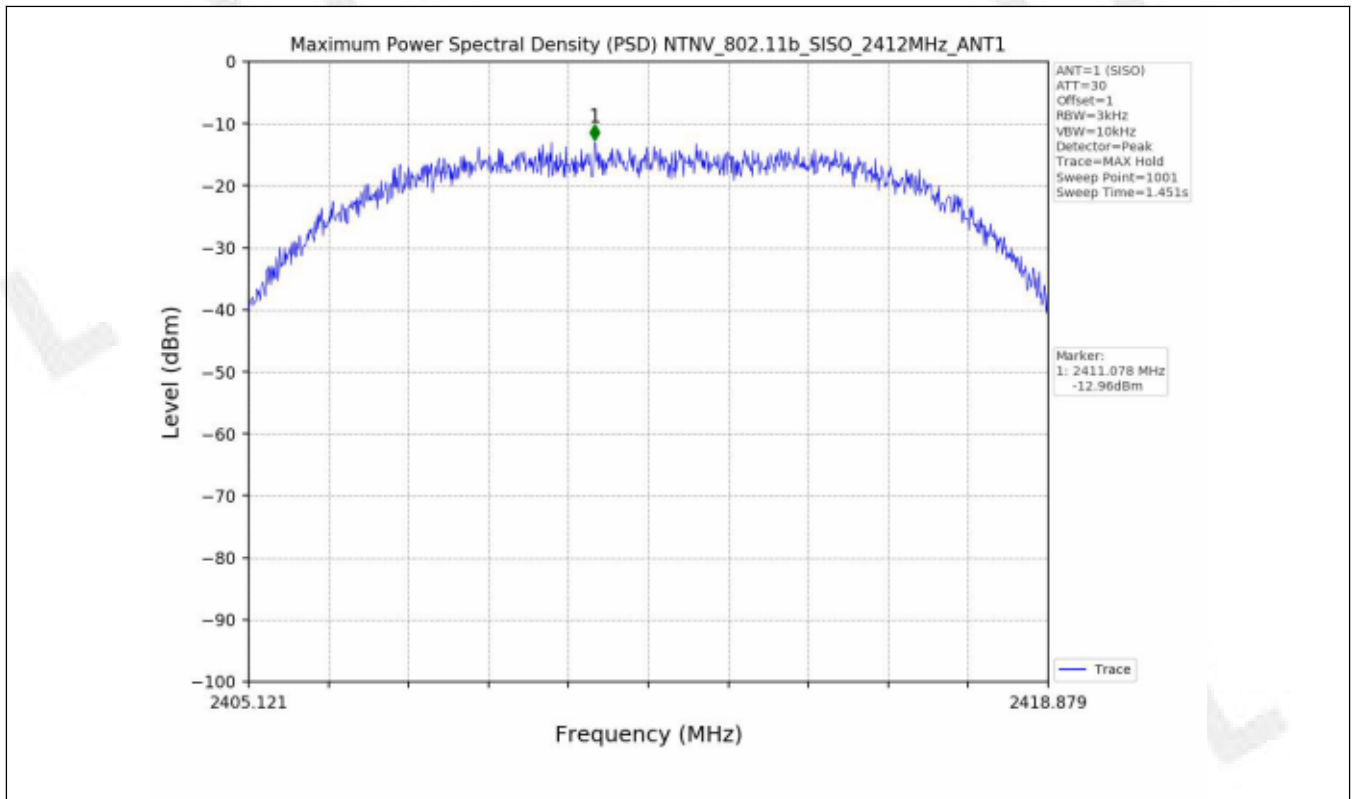


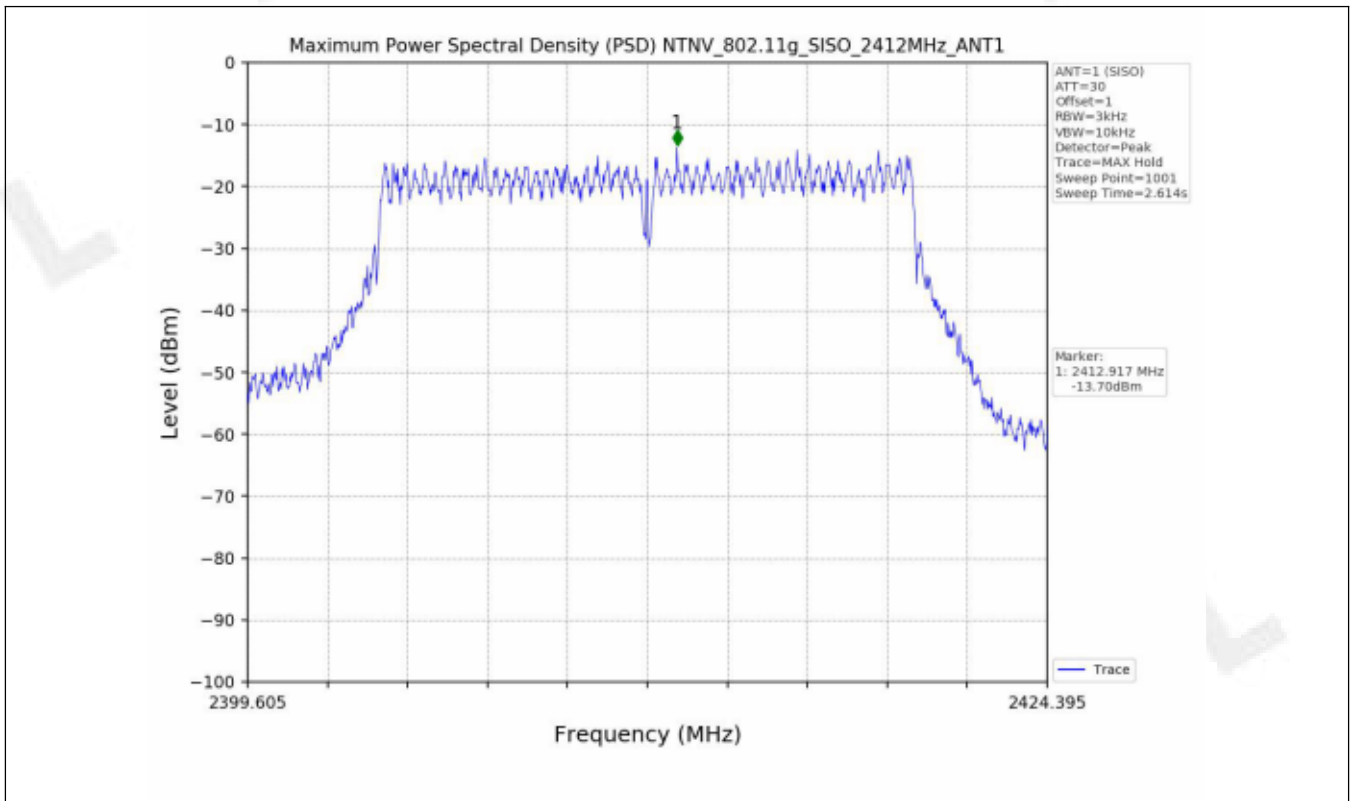
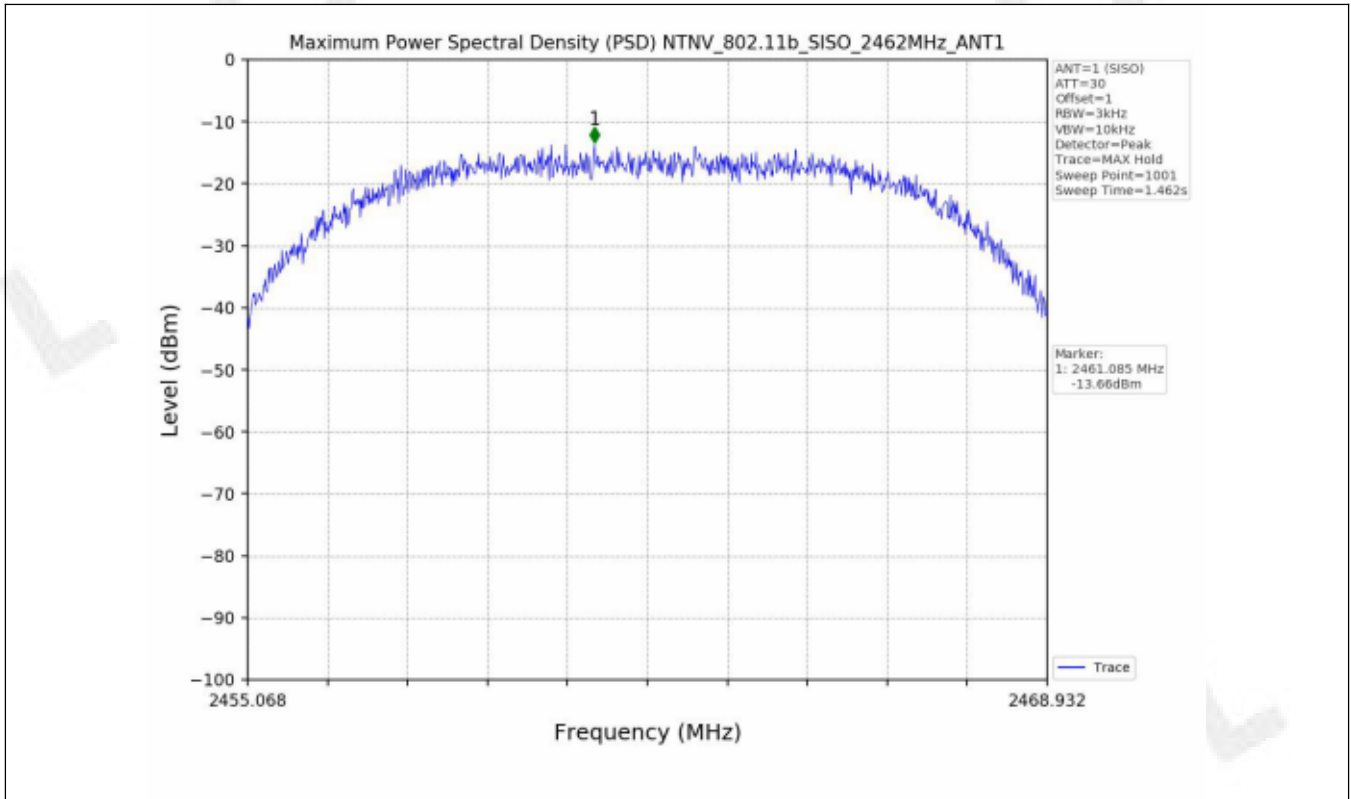
#### 4. Maximum Power Spectral Density (PSD)

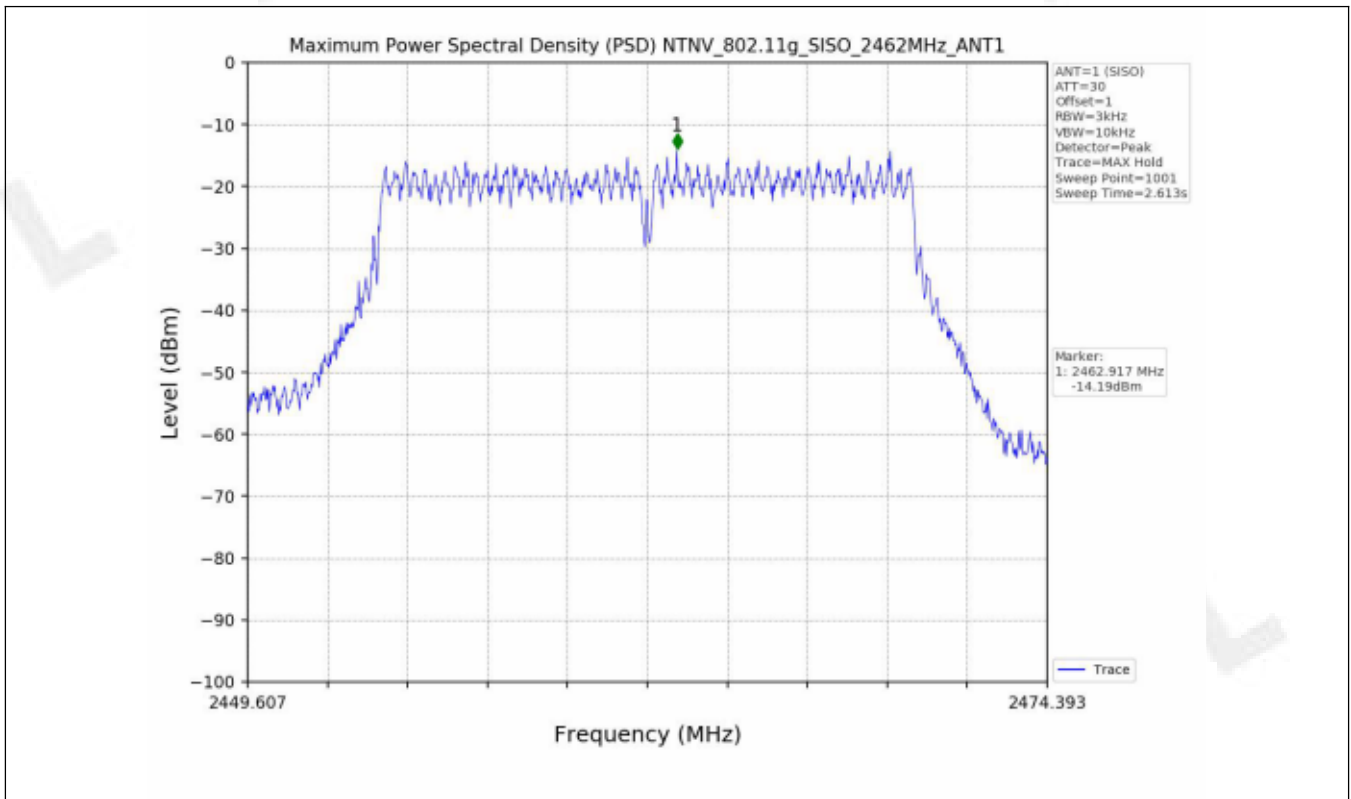
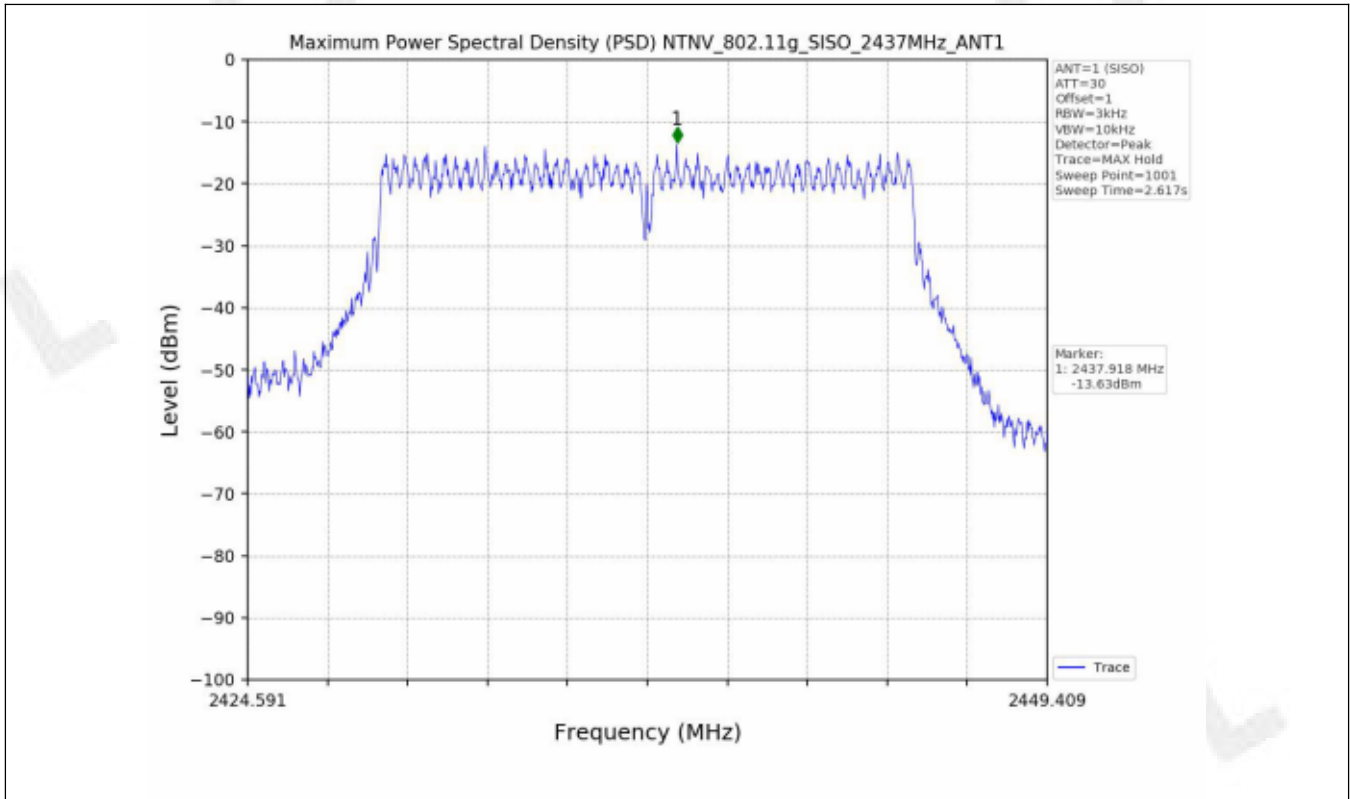
##### 4.1 Test Result

Test Mode	Frequency (MHz)	Tx Type	Maximum Power Spectral Density (dBm/3KHz)	Limits (dBm/3kHz)	Verdict
			Ant 1		
802.11b	2412	SISO	-12.96	≤8	PASS
	2437	SISO	-13.04	≤8	PASS
	2462	SISO	-13.66	≤8	PASS
802.11g	2412	SISO	-13.70	≤8	PASS
	2437	SISO	-13.63	≤8	PASS
	2462	SISO	-14.19	≤8	PASS
802.11n(HT20)	2412	SISO	-14.71	≤8	PASS
	2437	SISO	-13.93	≤8	PASS
	2462	SISO	-15.00	≤8	PASS

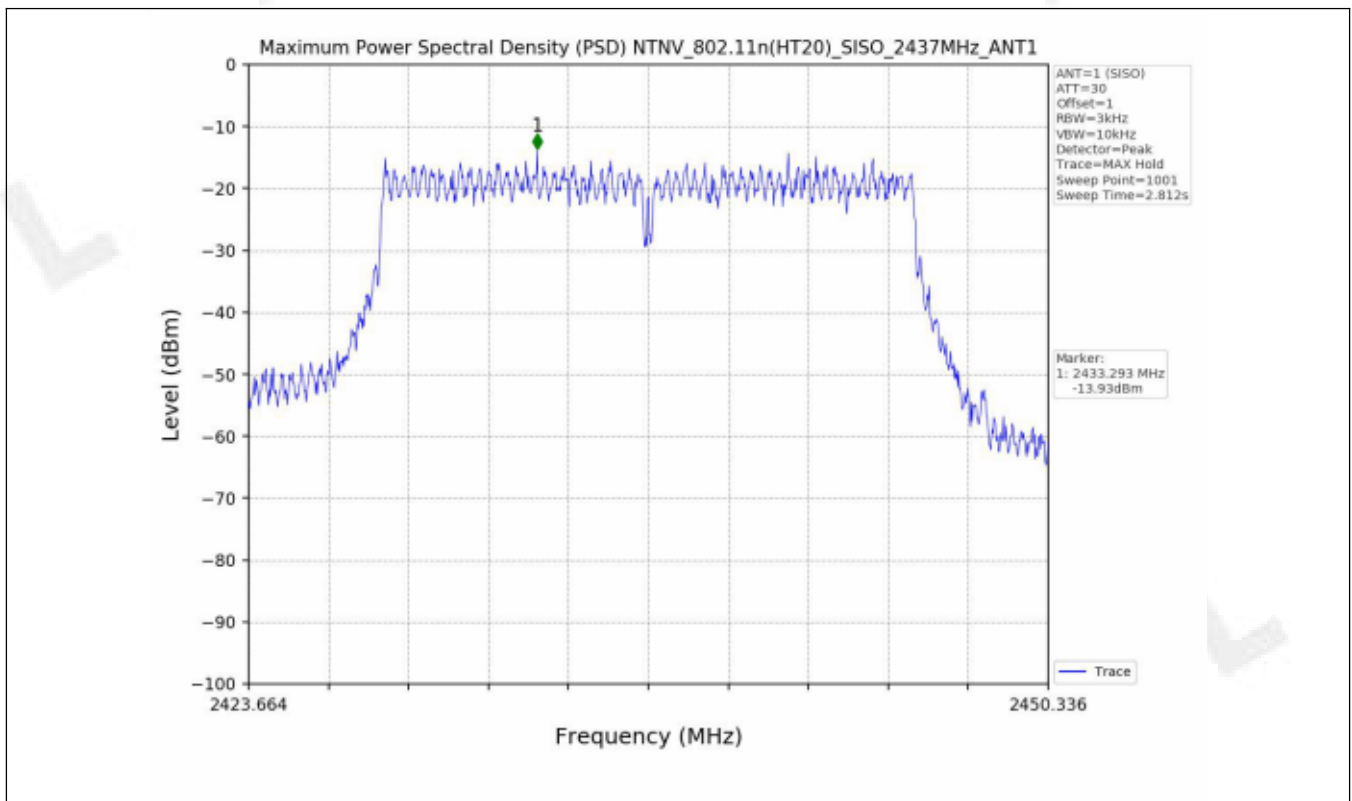
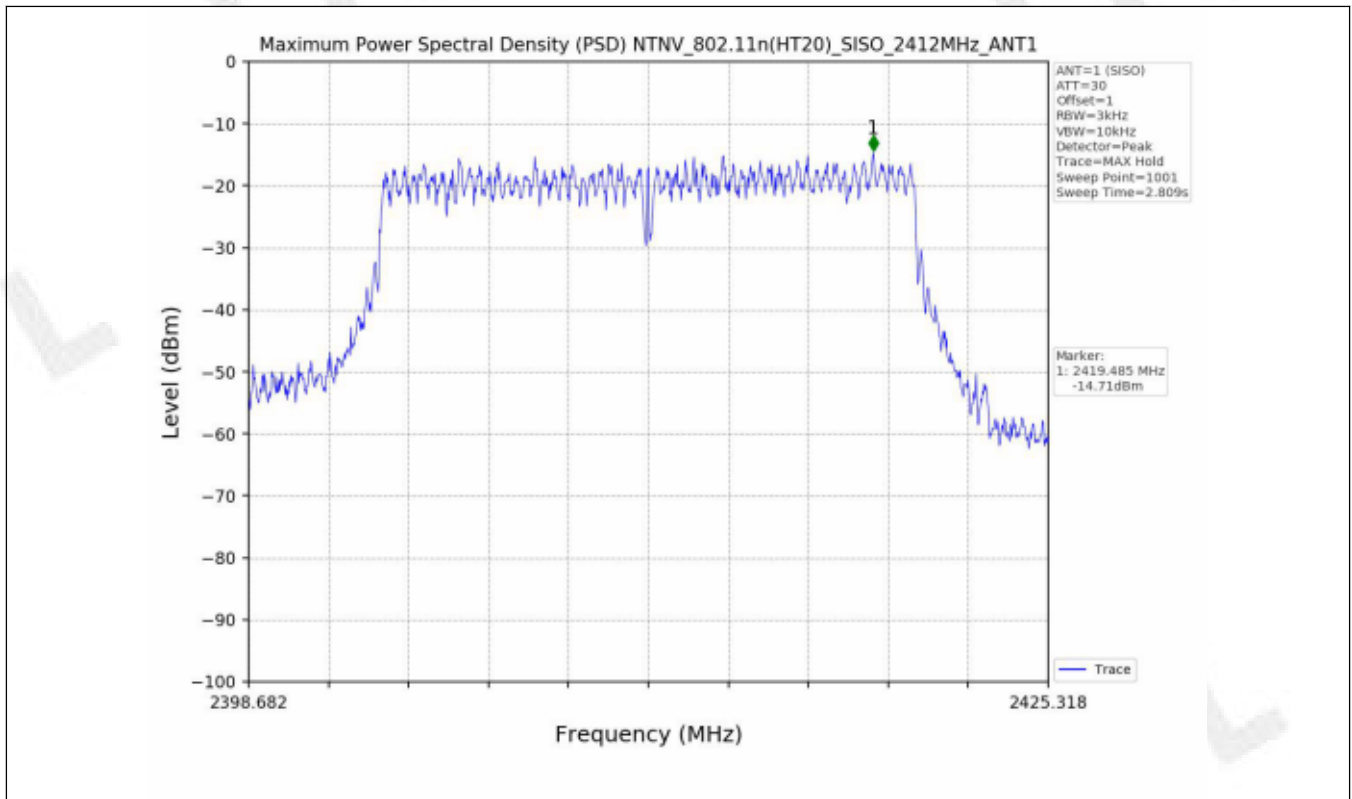
##### 4.2 Test Graph

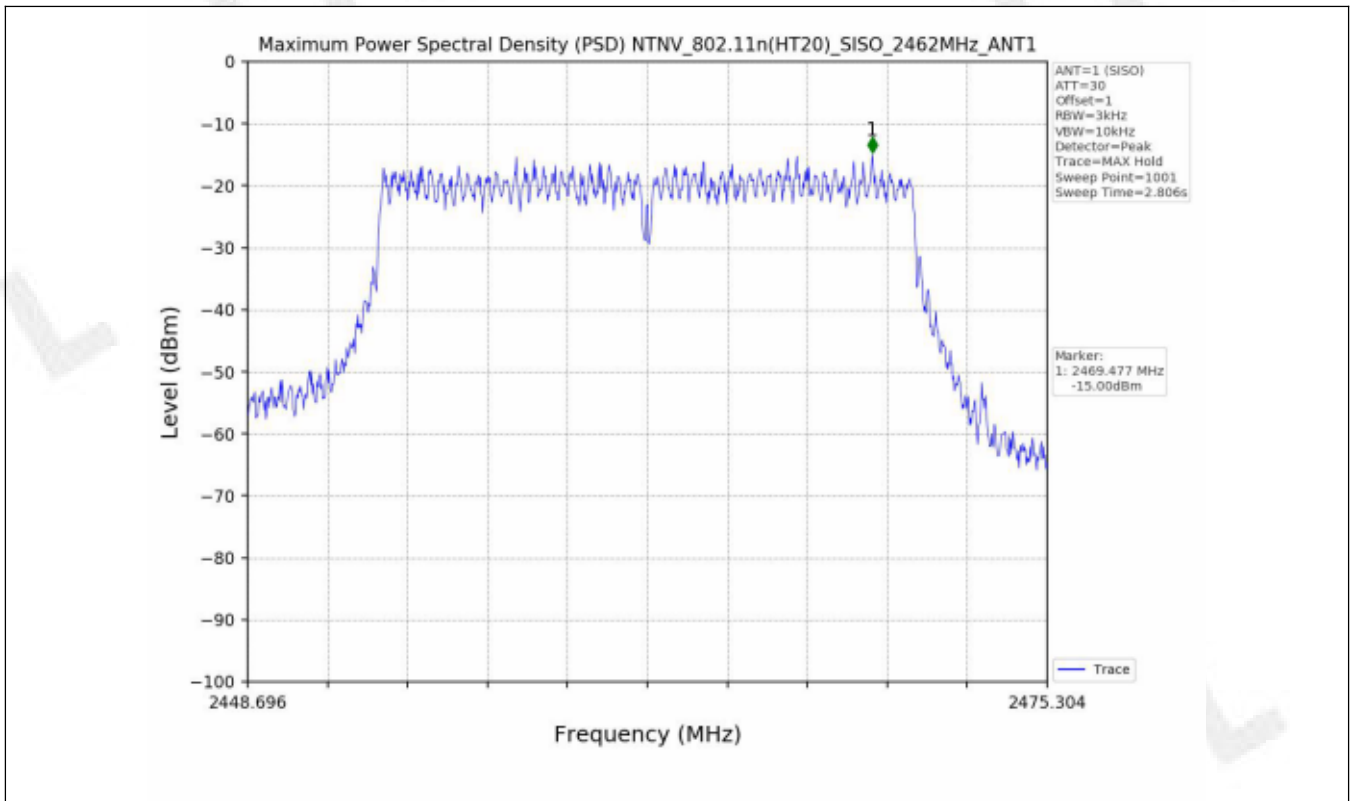












## 5. Unwanted Emissions in Non-restricted Frequency Bands

### 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	-17.81	PASS
	2437	SISO	1	Refer to test graph	-17.81	PASS
	2462	SISO	1	Refer to test graph	-17.81	PASS
802.11g	2412	SISO	1	Refer to test graph	-20.28	PASS
	2437	SISO	1	Refer to test graph	-20.28	PASS
	2462	SISO	1	Refer to test graph	-20.28	PASS
802.11n(HT20)	2412	SISO	1	Refer to test graph	-20.41	PASS
	2437	SISO	1	Refer to test graph	-20.41	PASS
	2462	SISO	1	Refer to test graph	-20.41	PASS

### 5.2 Test Graph

