

## Appendix for 15.247

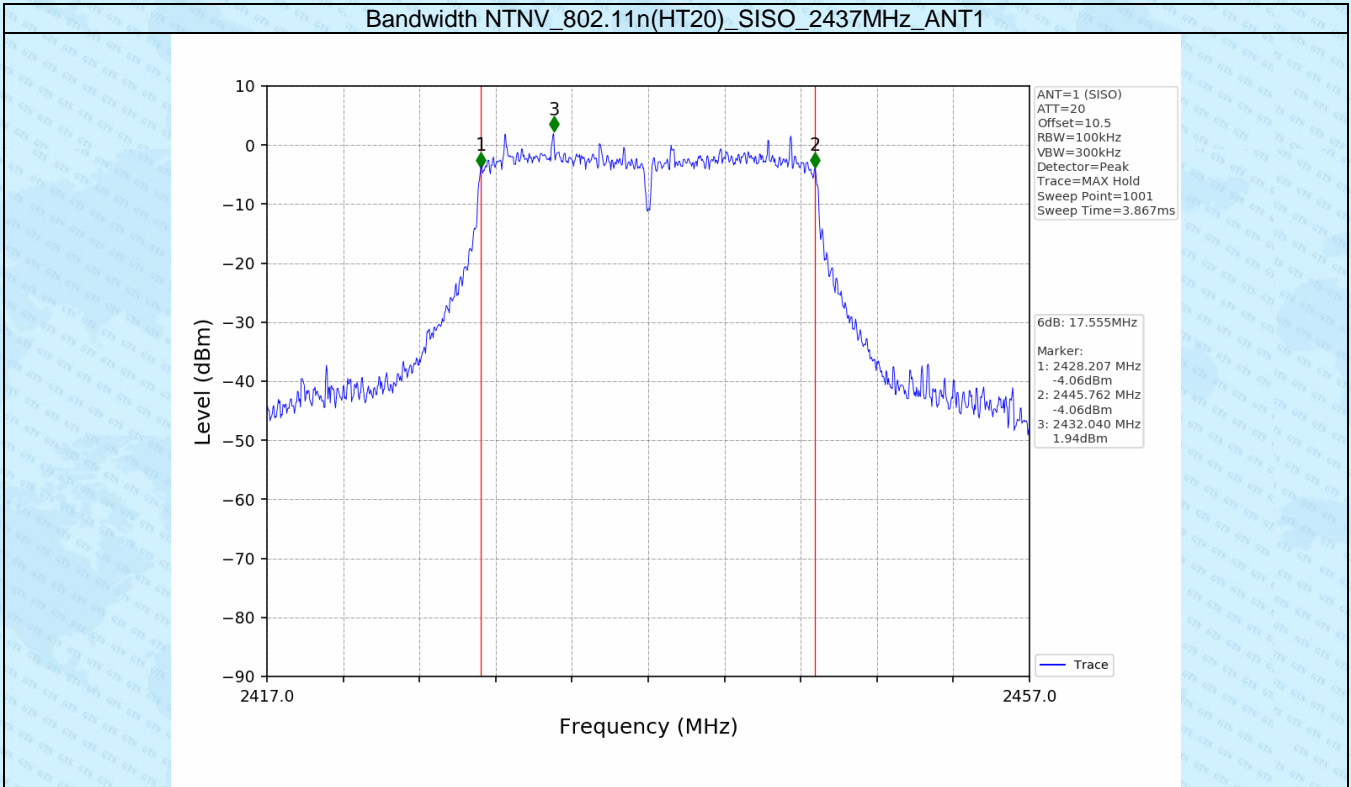
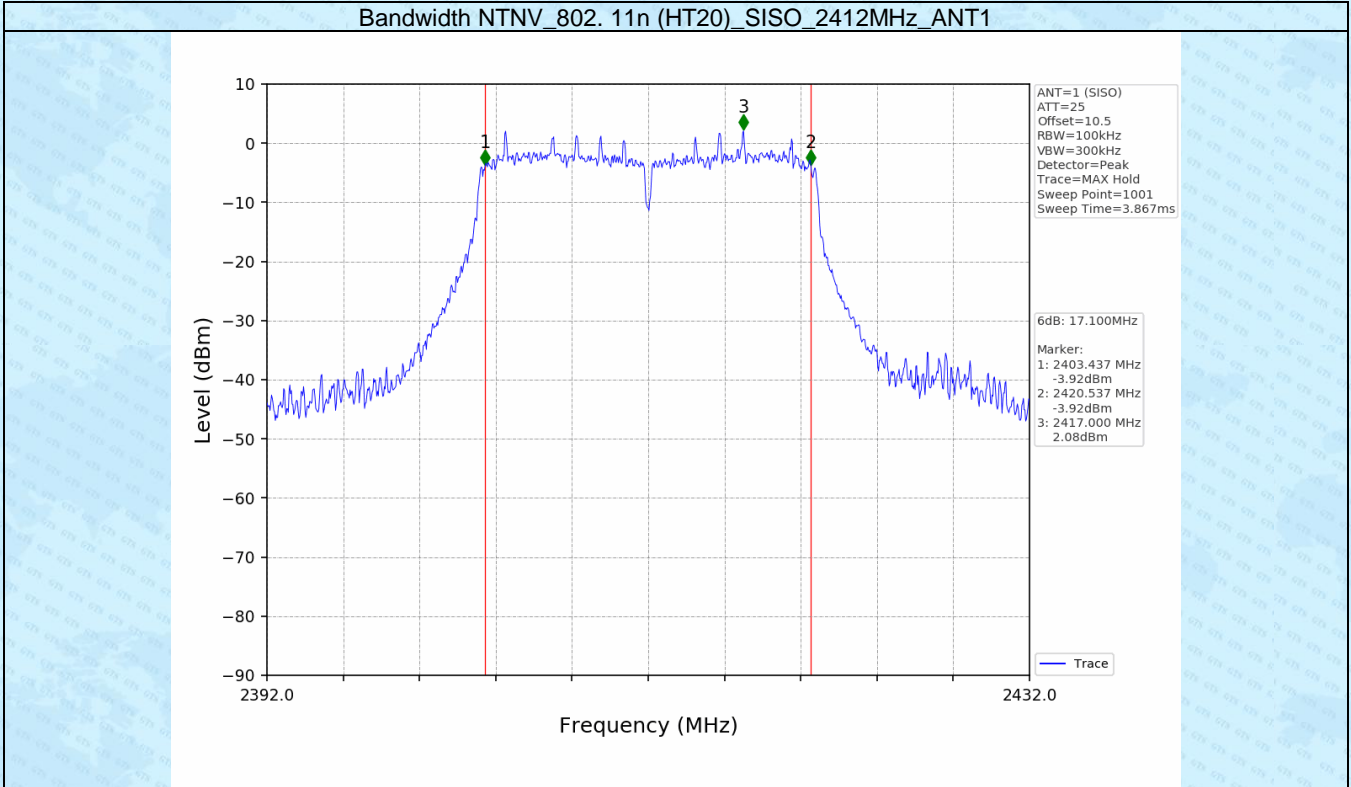
### 1. Bandwidth

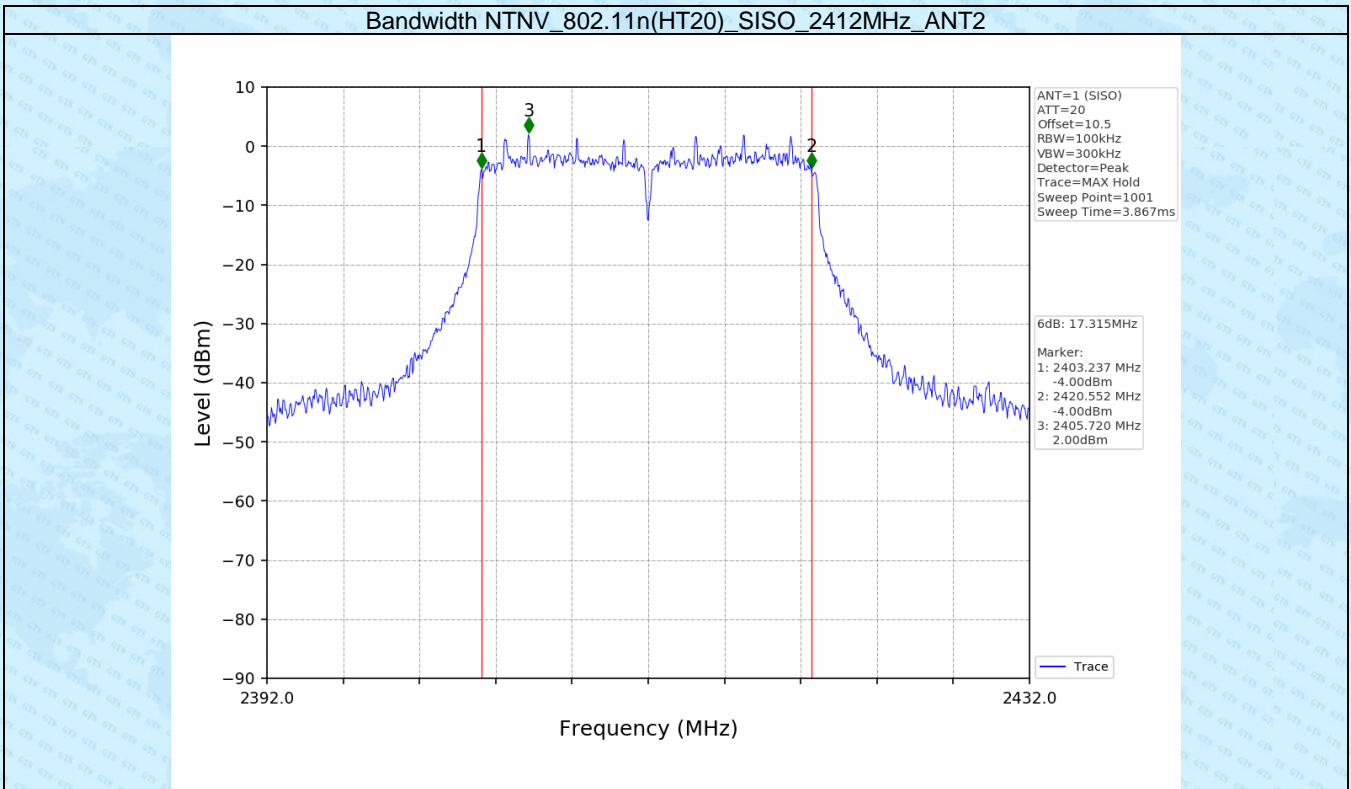
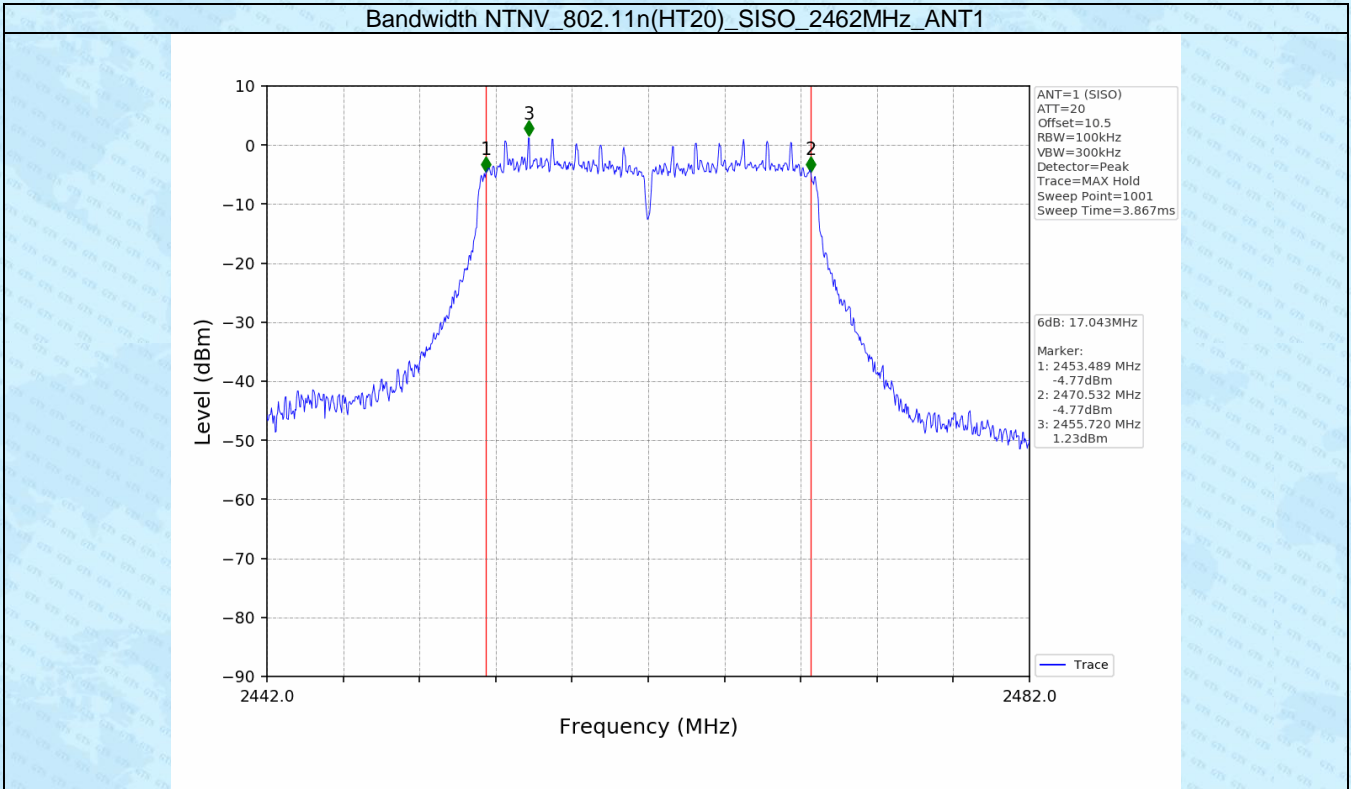
#### 1.1 Test Result

Test Mode	Frequency (MHz)	TX Type	ANT No.	6dB Bandwidth	Verdict
				Test Result (MHz)	
802.11n(HT20)	2412	SISO	1	17.100	PASS
	2437	SISO	1	17.555	PASS
	2462	SISO	1	17.043	PASS
	2412	SISO	2	17.315	PASS
	2437	SISO	2	17.105	PASS
	2462	SISO	2	17.056	PASS

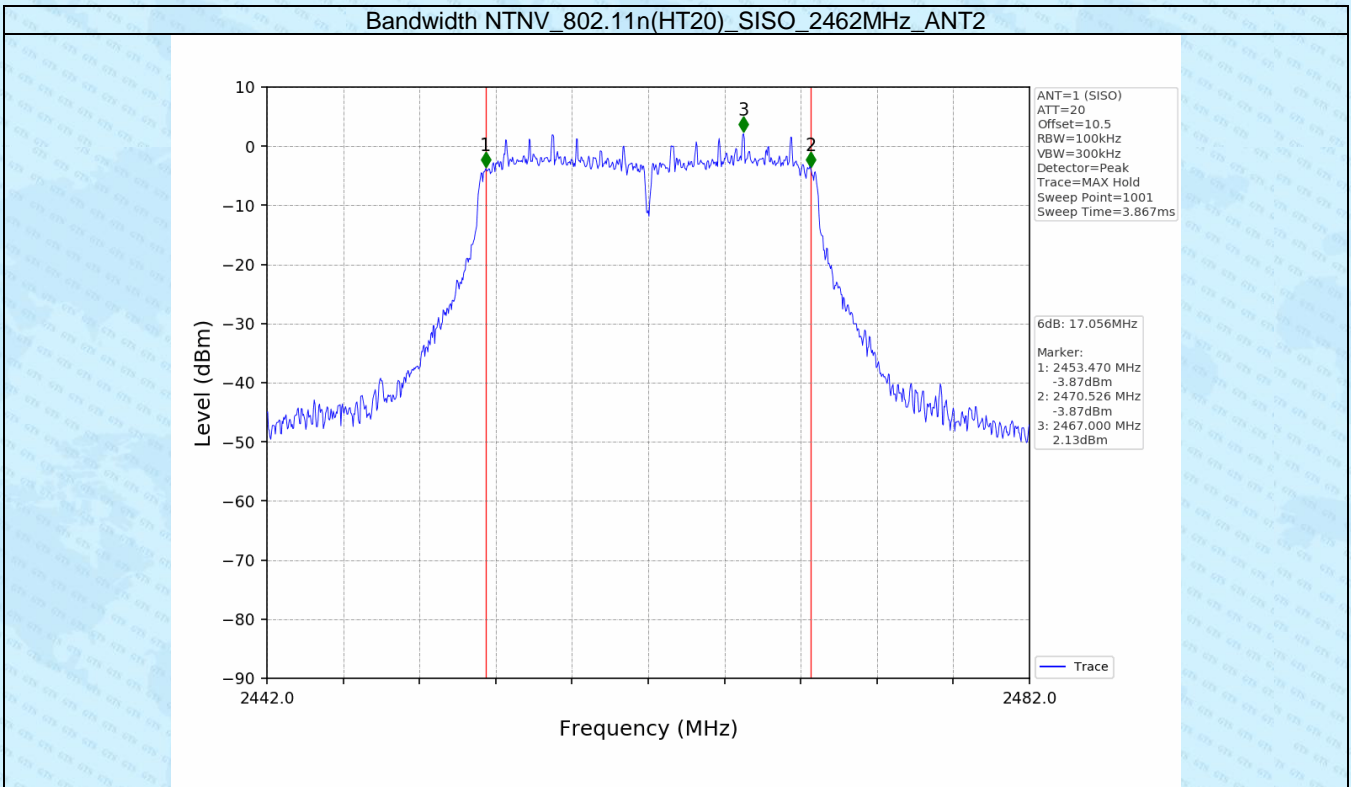
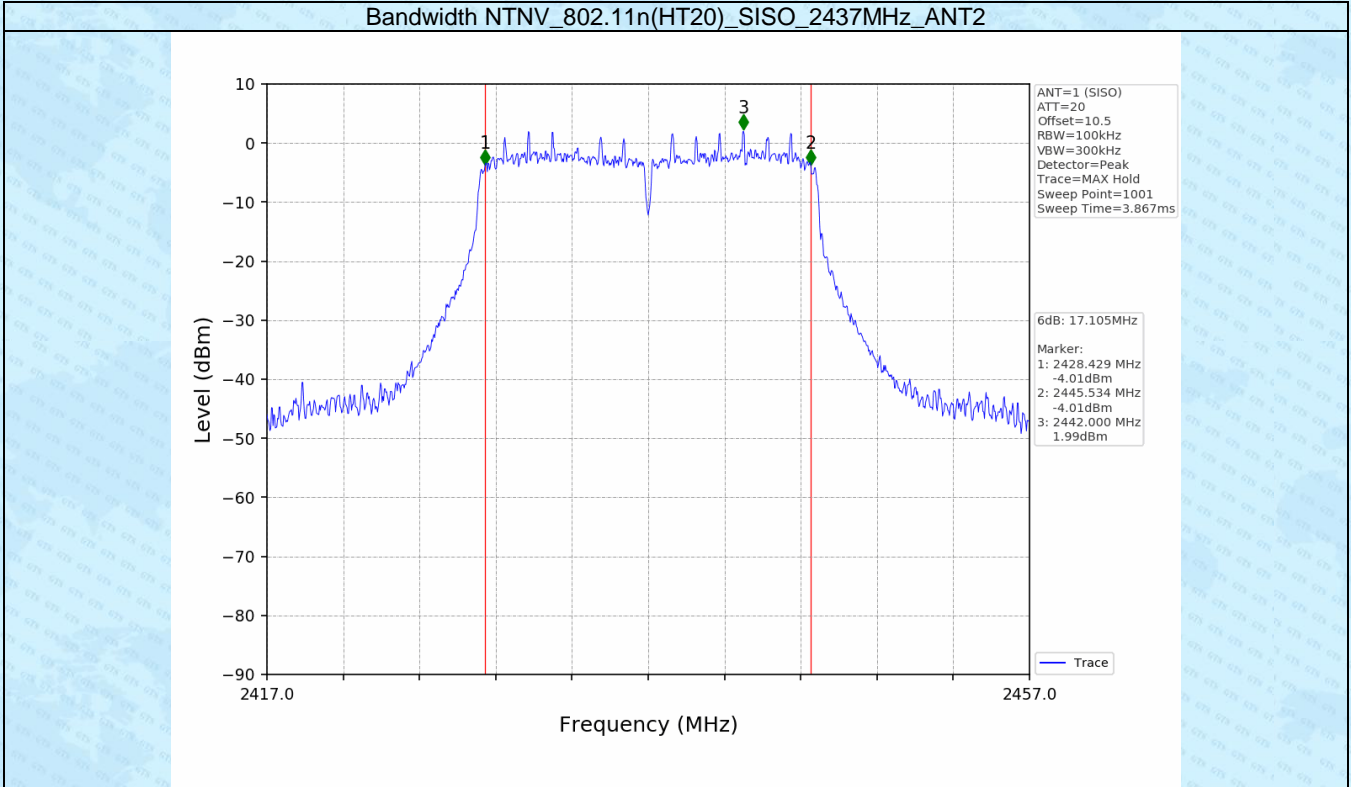
Test Mode	Frequency (MHz)	TX Type	ANT No.	99% Occupied Bandwidth	
				Test Result (MHz)	
802.11n(HT20)	2412	SISO	1	17.779	Only for Report Use
	2437	SISO	1	17.738	Only for Report Use
	2462	SISO	1	17.899	Only for Report Use
	2412	SISO	2	17.756	Only for Report Use
	2437	SISO	2	17.768	Only for Report Use
	2462	SISO	2	17.769	Only for Report Use

## 1.2 Test Graph - 6dB Bandwidth

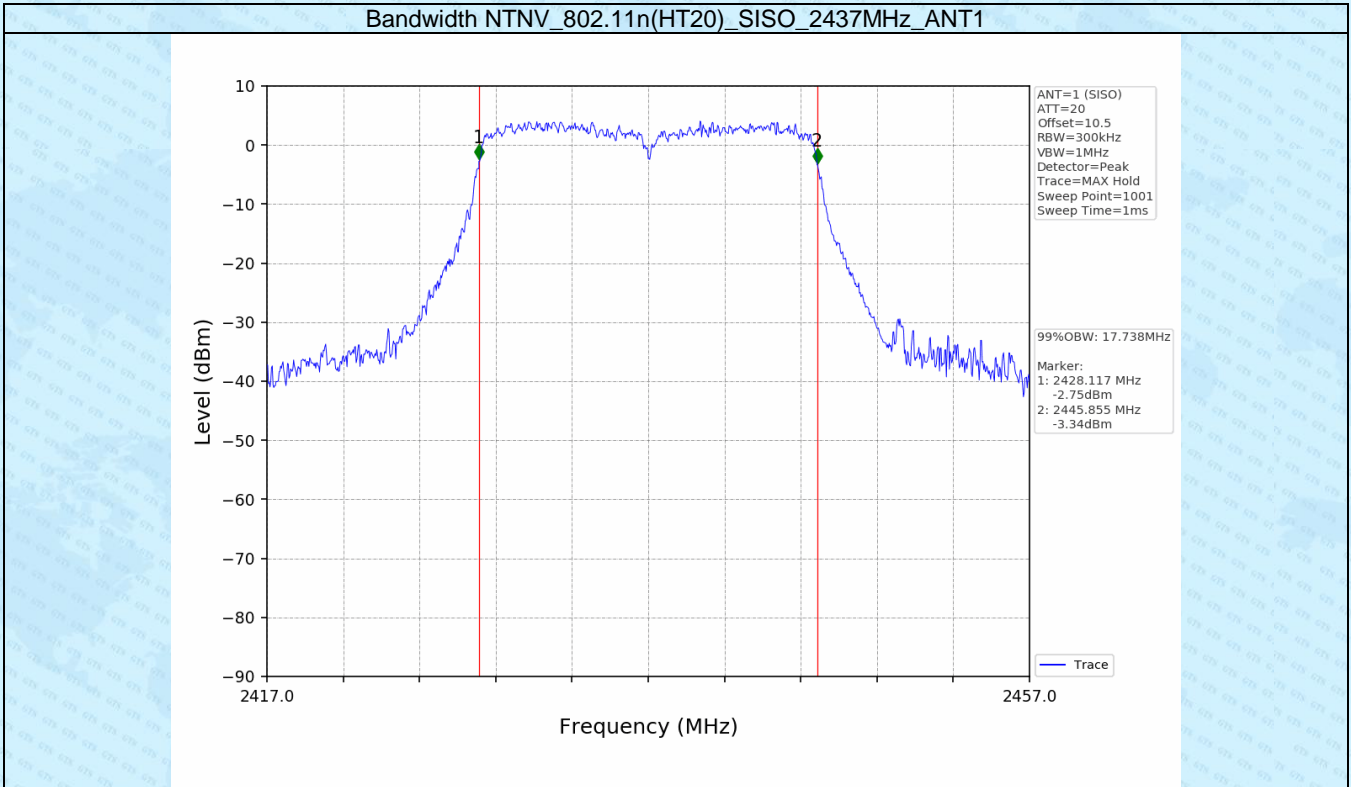
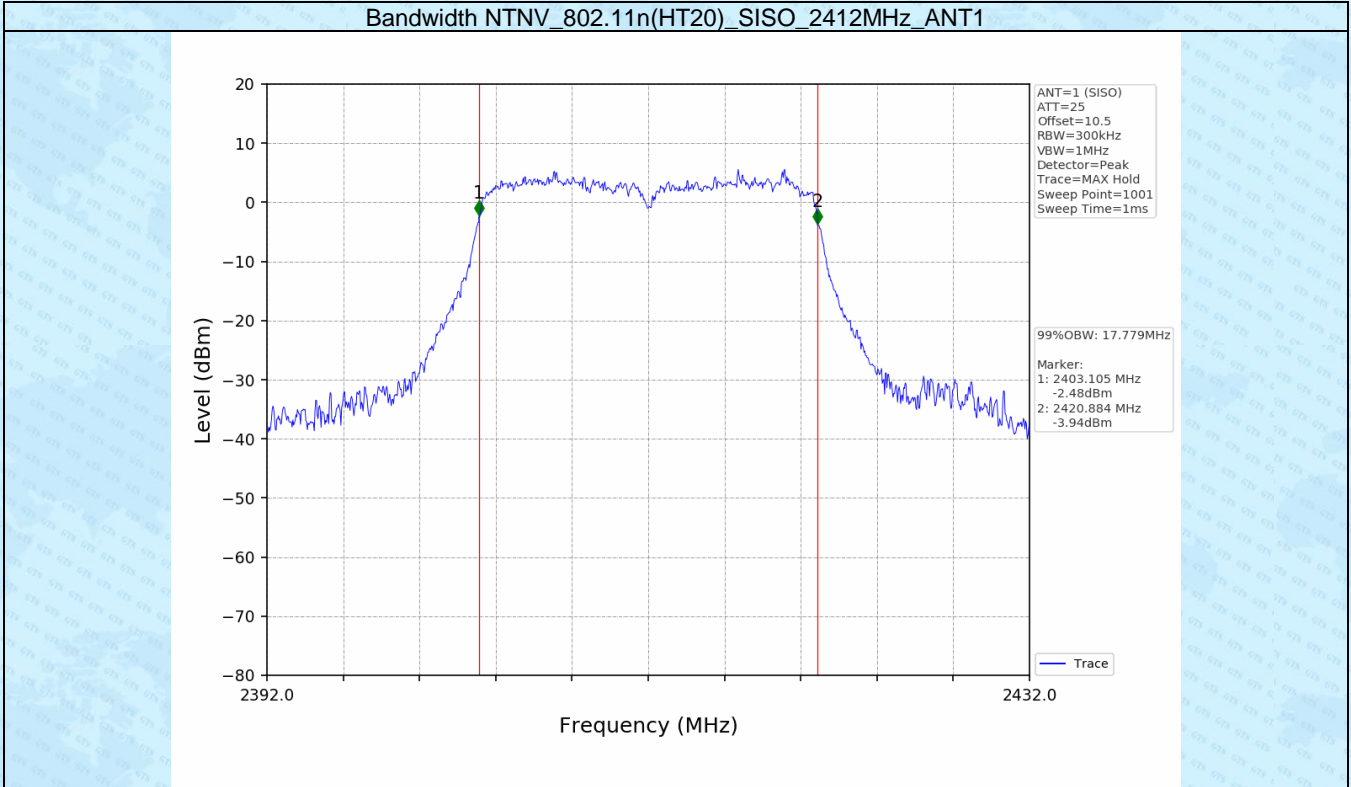


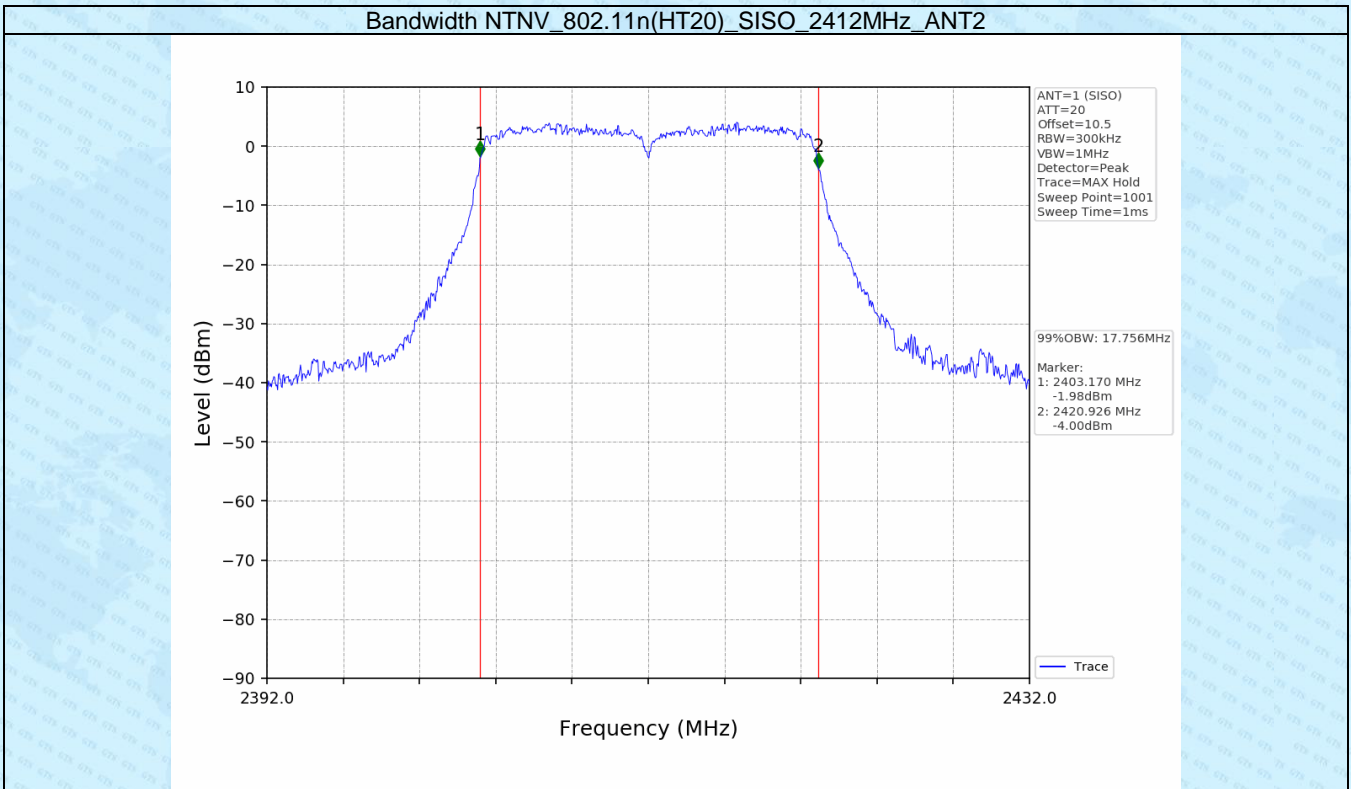
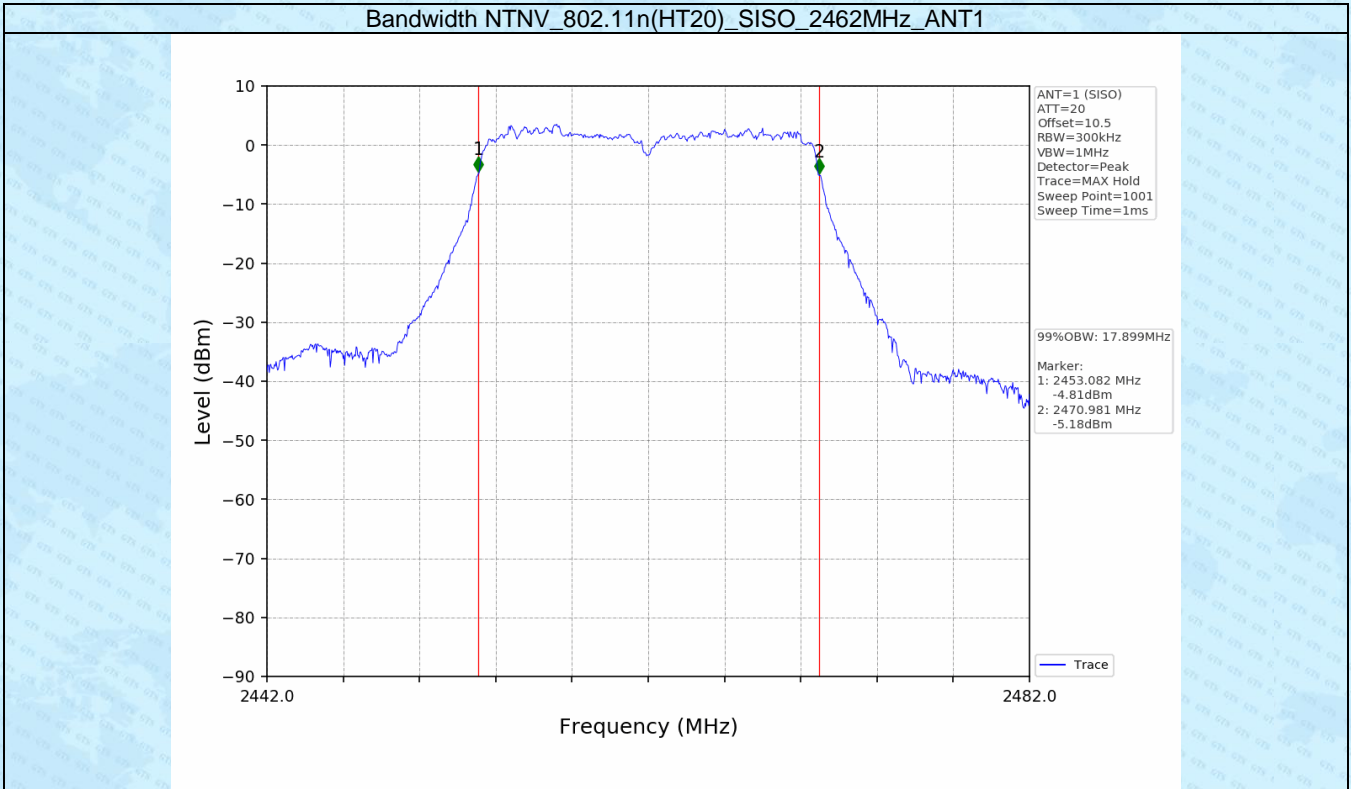




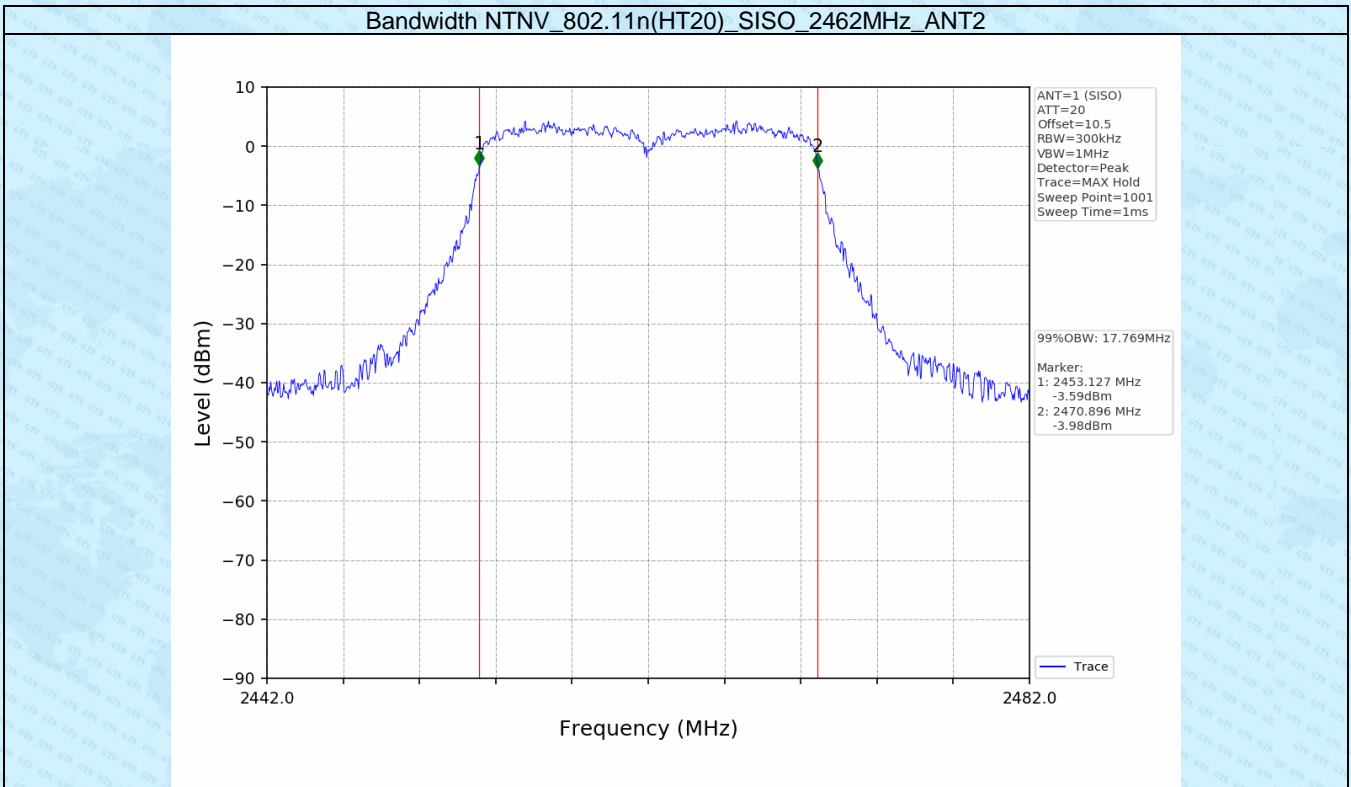
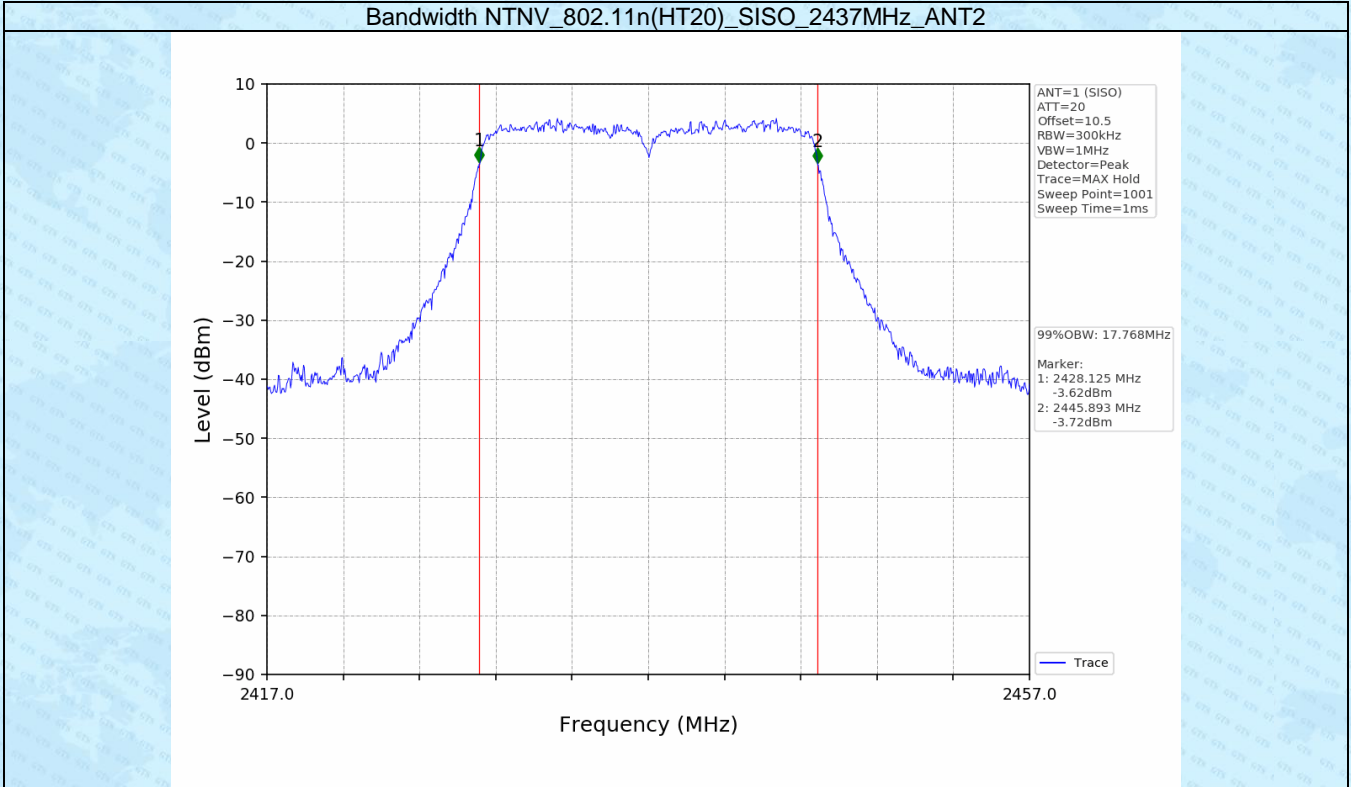


## 2.3 Test Graph - 99% Occupied Bandwidth









## 2. Maximum Conducted Output Power

### 2.1 Test Result

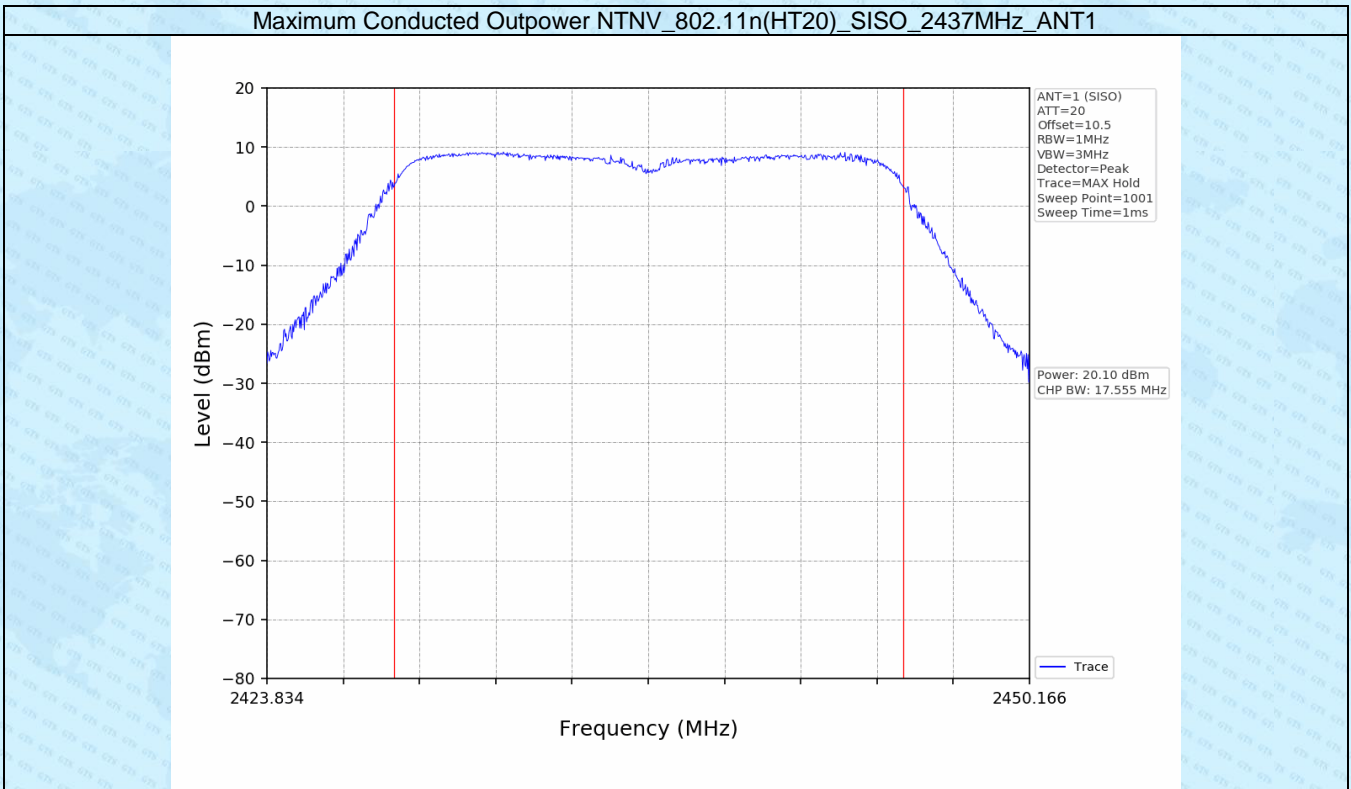
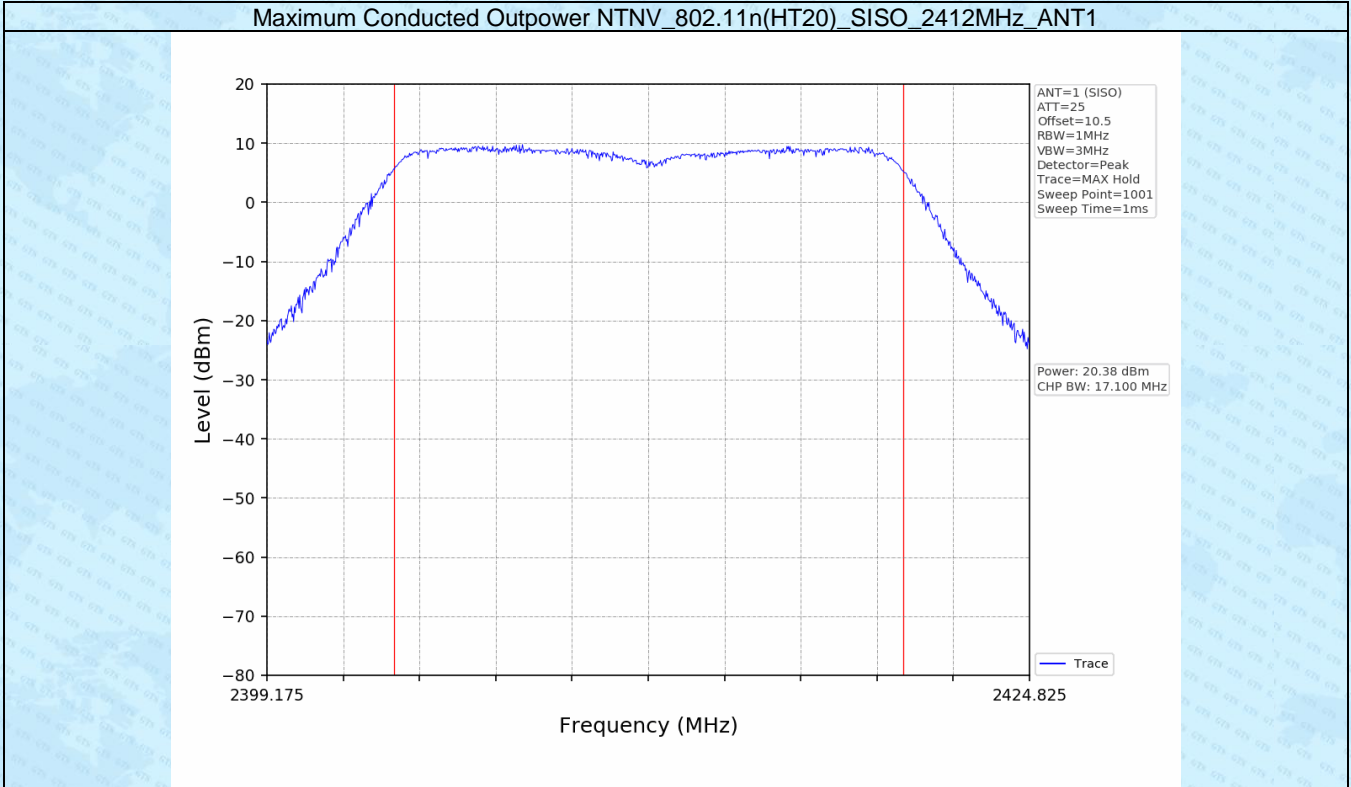
Test Mode	Frequency (MHz)	Tx Type	Measured Peak Output Power (dBm)	Limits (dBm)	Verdict
			Ant 1		
802.11n(HT20)	2412	SISO	20.38	30	PASS
	2437	SISO	20.10	30	PASS
	2462	SISO	19.40	30	PASS

Test Mode	Frequency (MHz)	Tx Type	Measured Peak Output Power (dBm)	Limits (dBm)	Verdict
			Ant 2		
802.11n(HT20)	2412	SISO	20.82	30	PASS
	2437	SISO	20.58	30	PASS
	2462	SISO	20.44	30	PASS

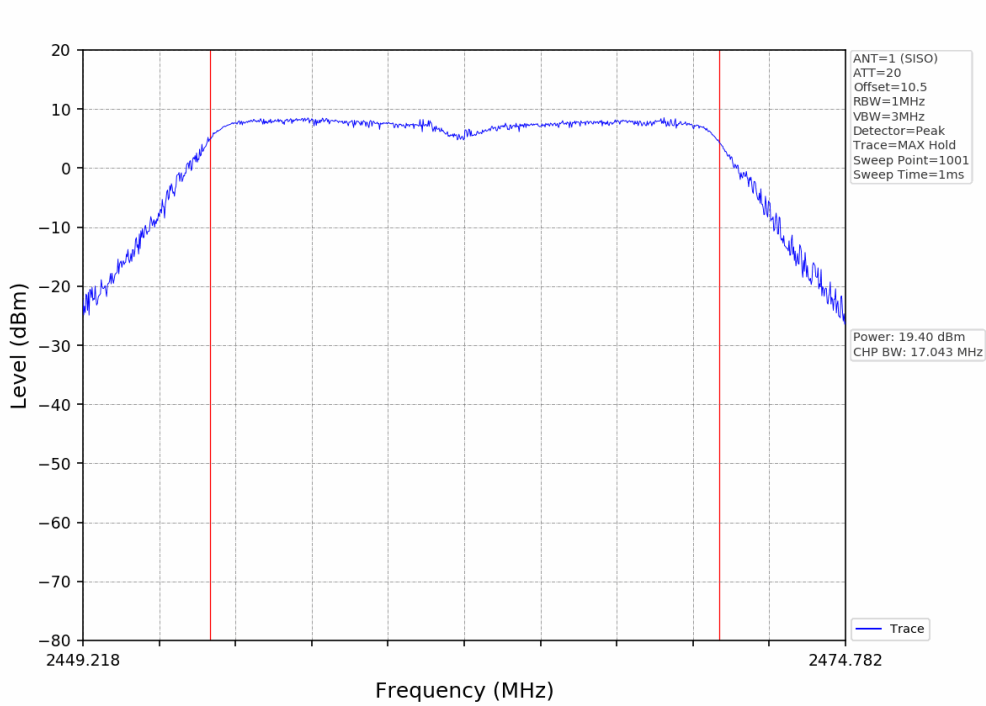
Test Mode	Frequency (MHz)	Tx Type	Measured Peak Output Power (dBm)	Limits (dBm)	Verdict
802.11n(HT20)	2412	MIMO	23.62	30	PASS
	2437	MIMO	23.36	30	PASS
	2462	MIMO	22.96	30	PASS



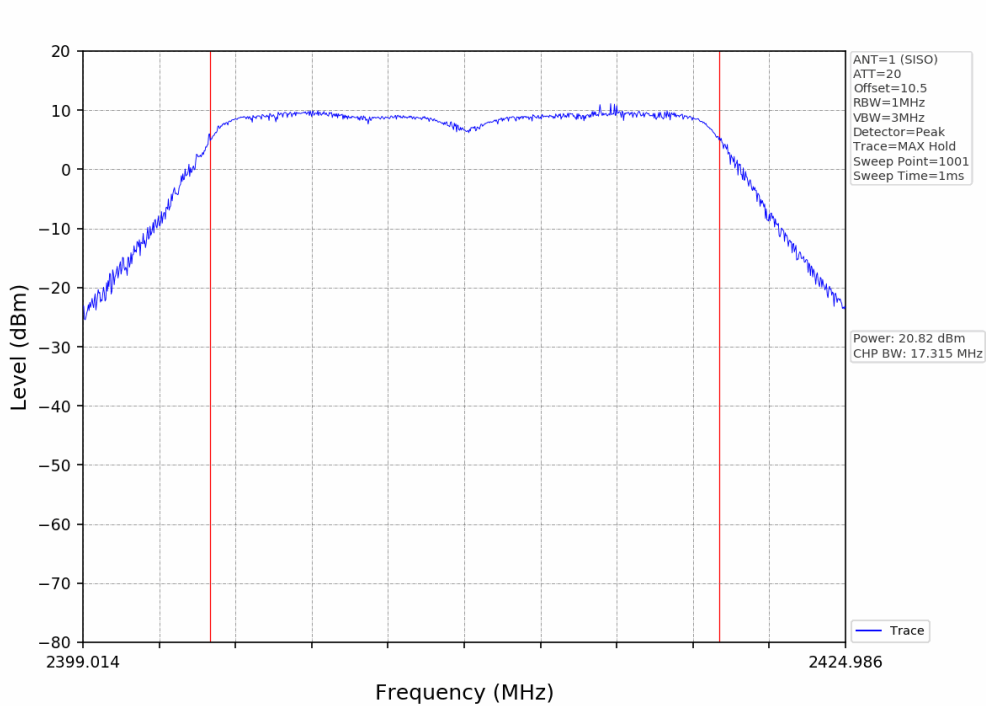
## 2.2 Test Graph



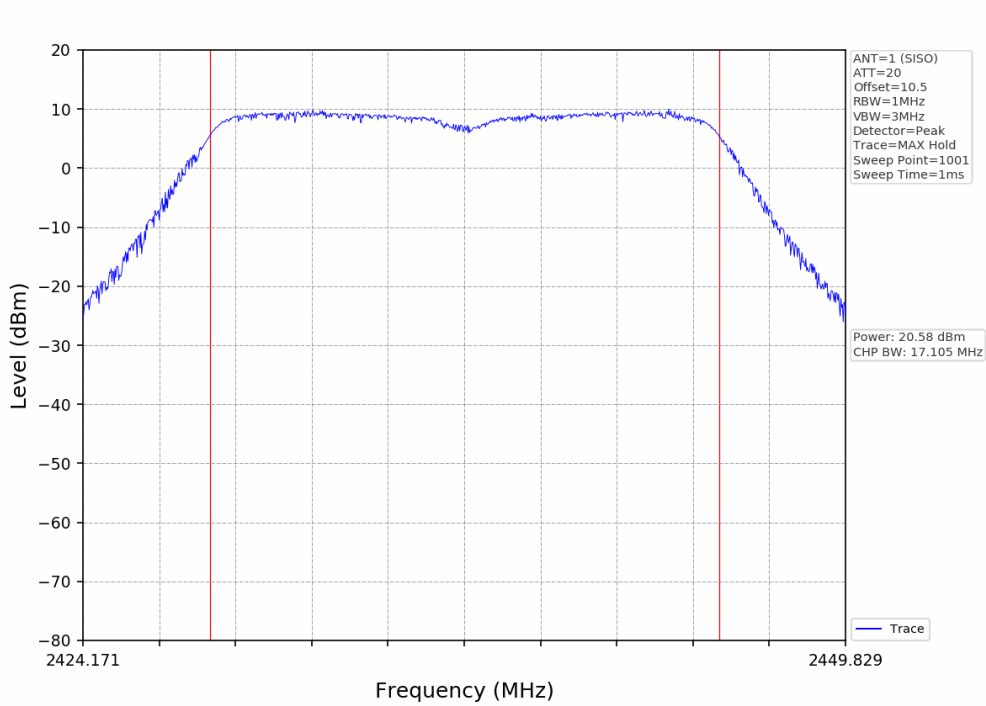
Maximum Conducted Outpower NTN\_V\_802.11n(HT20)\_SISO\_2462MHz\_ANT1



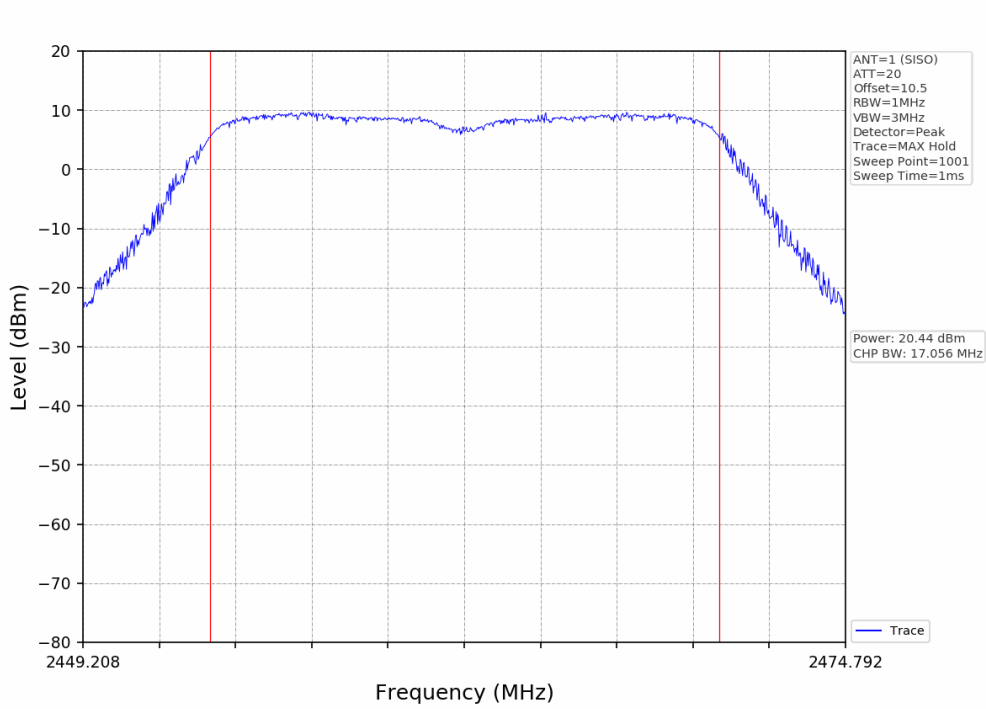
Maximum Conducted Outpower NTN\_V\_802.11n(HT20)\_SISO\_2412MHz\_ANT2



Maximum Conducted Outpower NTN\_V\_802.11n(HT20)\_SISO\_2437MHz\_ANT2



Maximum Conducted Outpower NTN\_V\_802.11n(HT20)\_SISO\_2462MHz\_ANT2





## 3. Maximum Power Spectral Density (PSD)

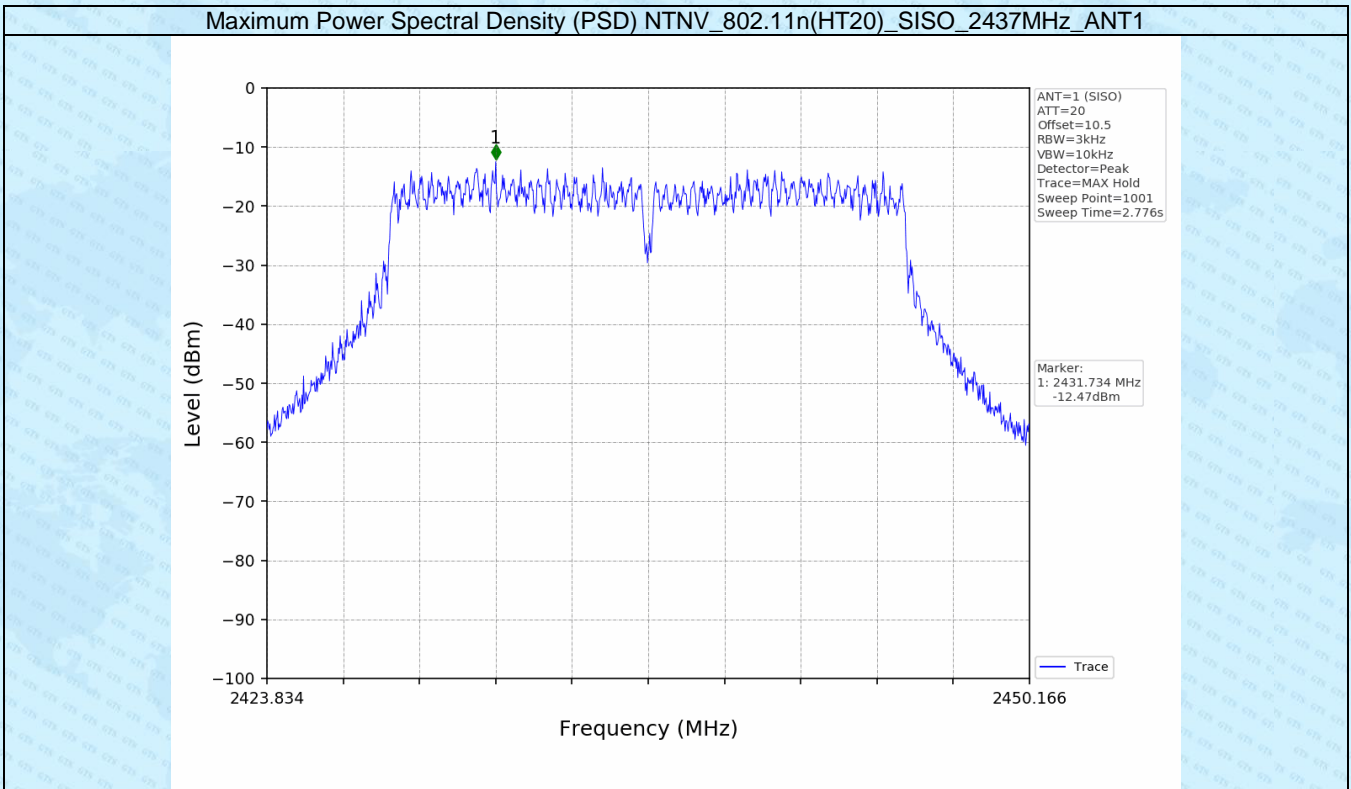
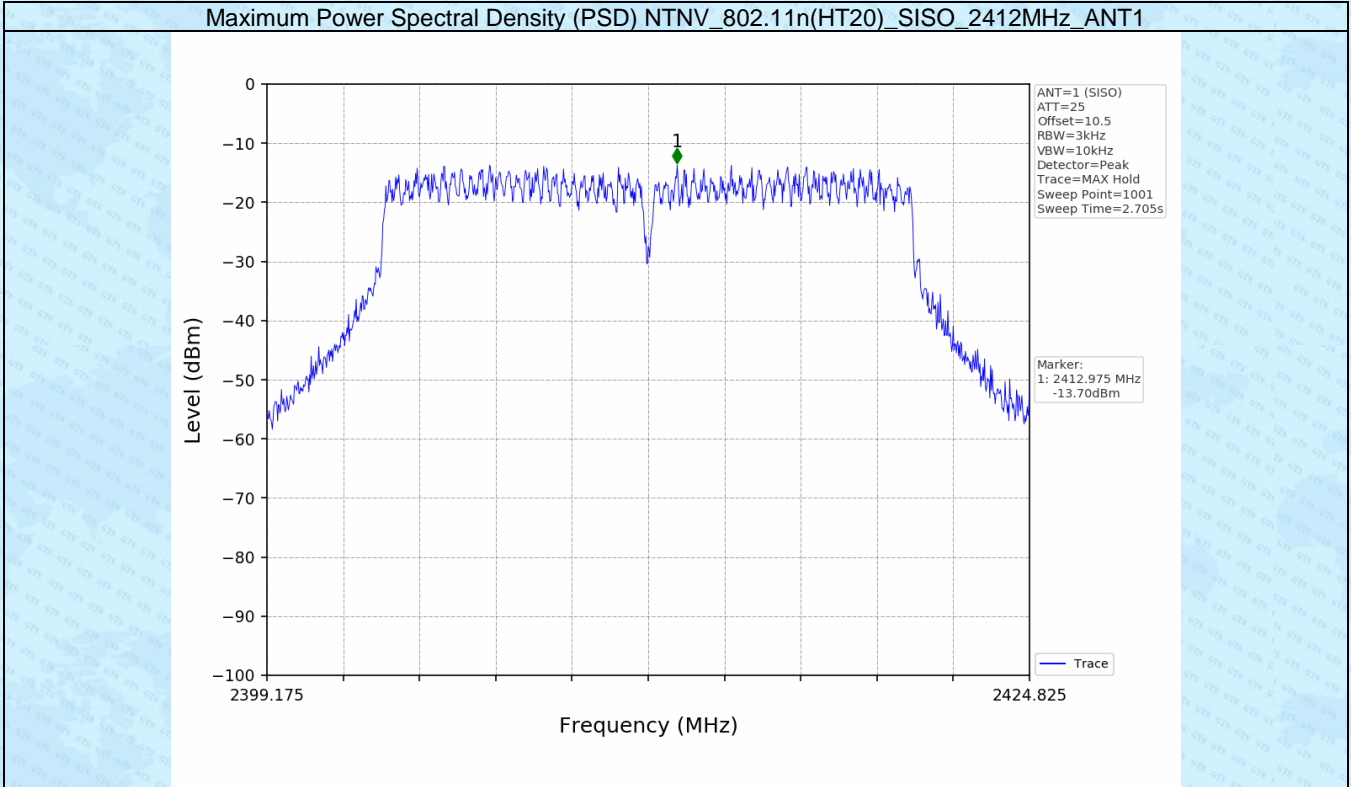
### 3.1 Test Result

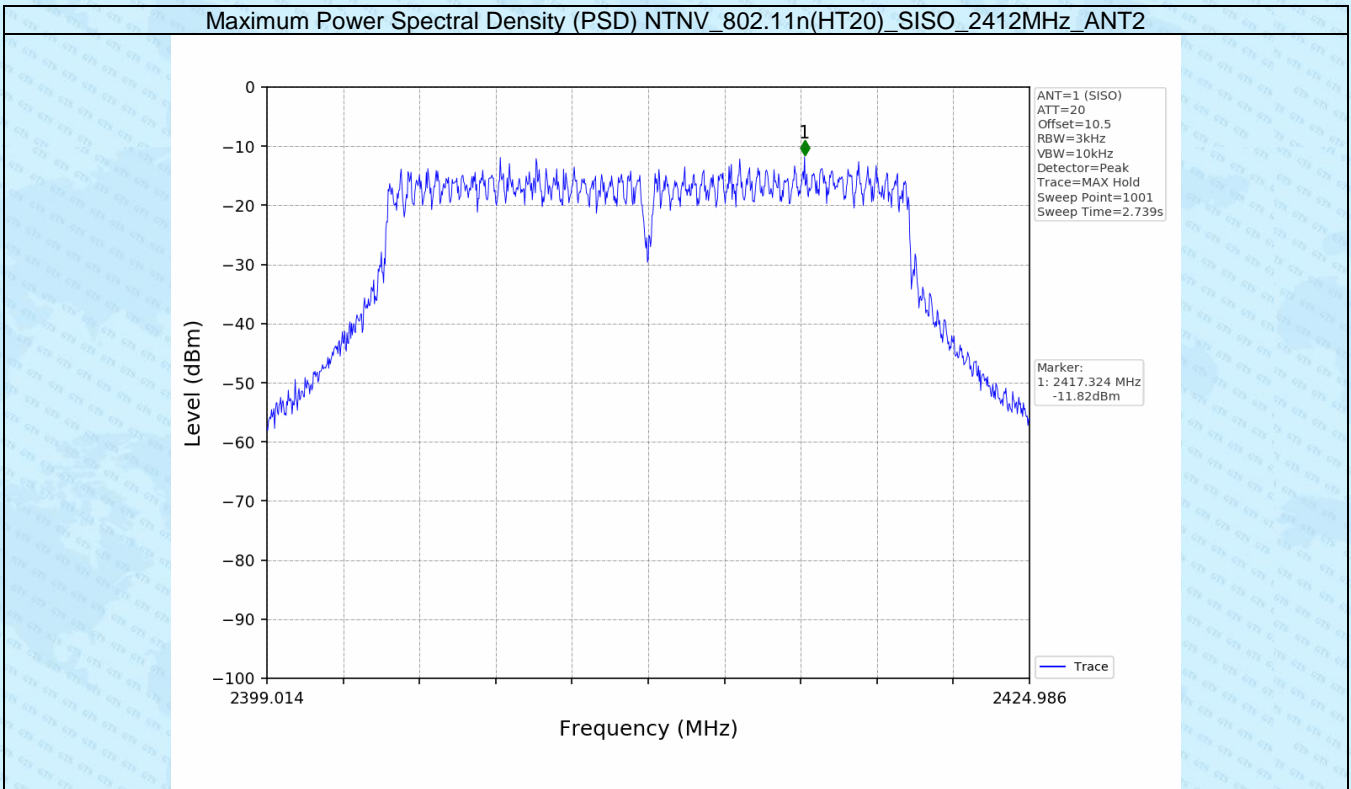
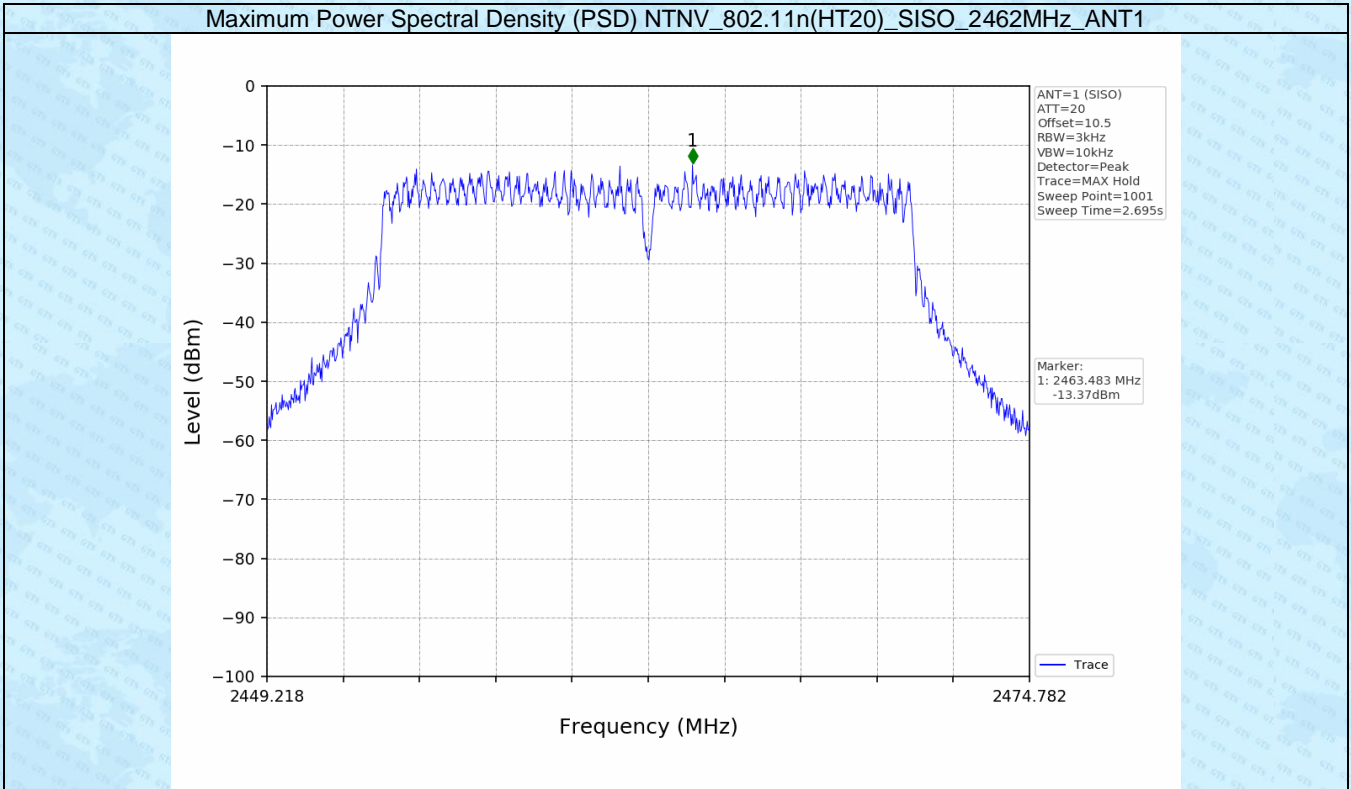
Test Mode	Frequency (MHz)	Tx Type	Maximum Power Spectral Density (dBm/3KHz)	Limits (dBm/3kHz)	Verdict
			Ant 1		
802.11n(HT20)	2412	SISO	-13.70	≤8	PASS
	2437	SISO	-12.47	≤8	PASS
	2462	SISO	-13.37	≤8	PASS

Test Mode	Frequency (MHz)	Tx Type	Maximum Power Spectral Density (dBm/3KHz)	Limits (dBm/3kHz)	Verdict
			Ant 2		
802.11n(HT20)	2412	SISO	-11.82	≤8	PASS
	2437	SISO	-12.85	≤8	PASS
	2462	SISO	-12.83	≤8	PASS

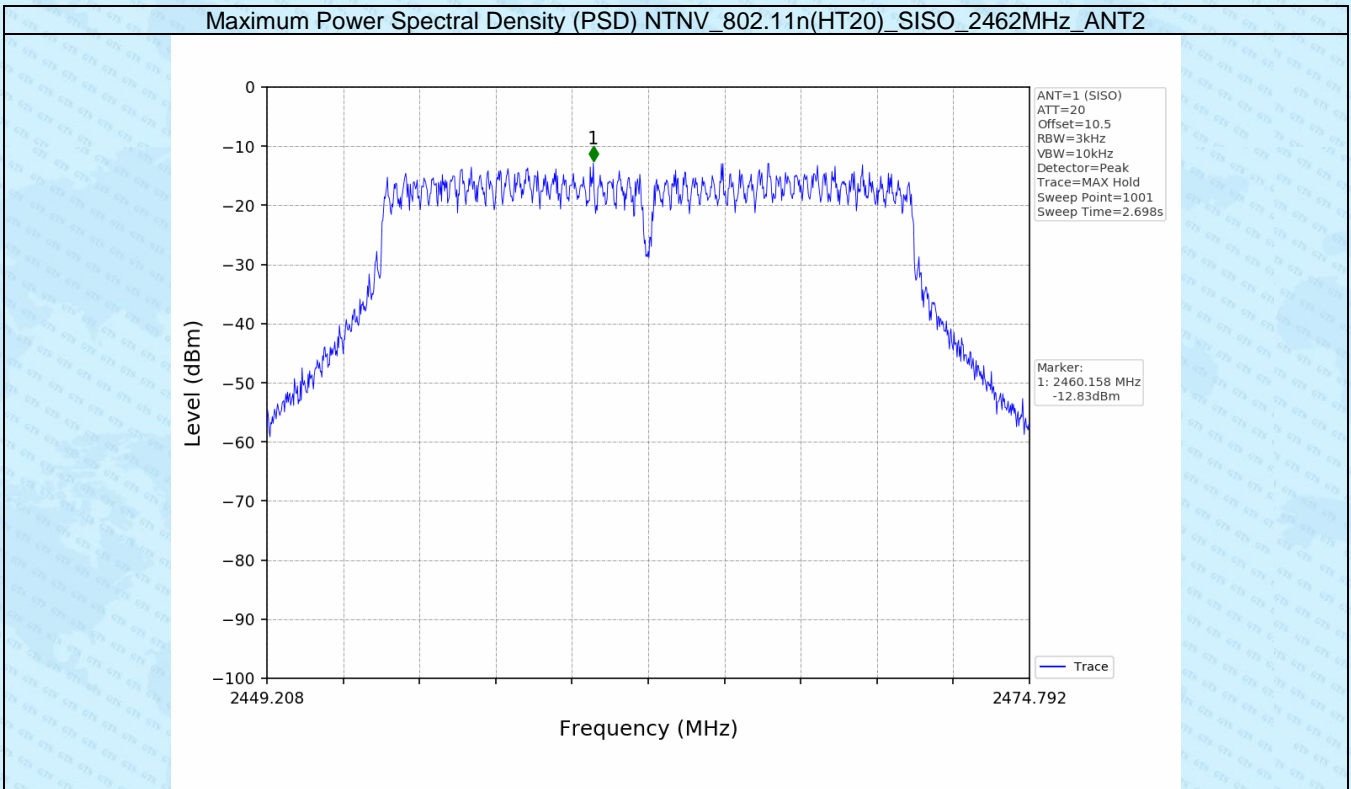
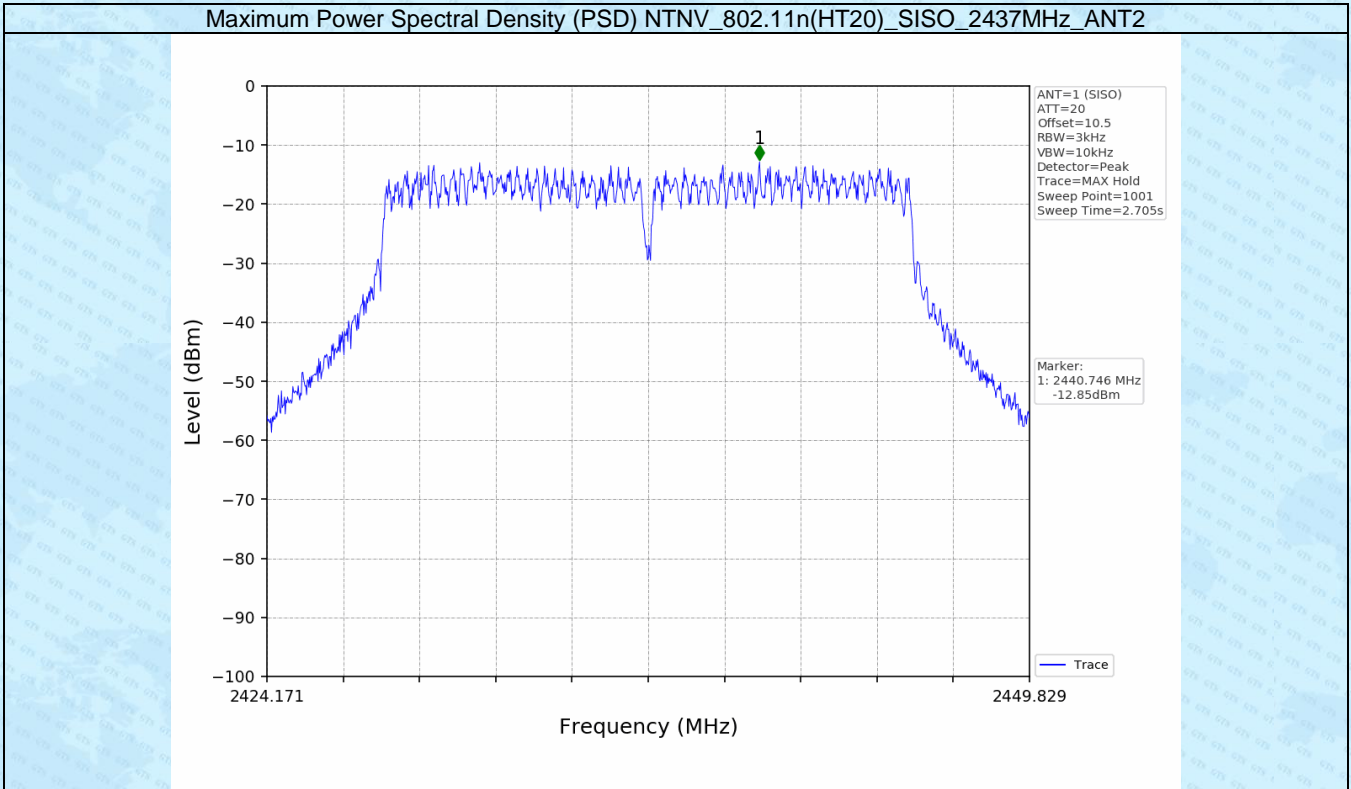
Test Mode	Frequency (MHz)	Tx Type	Maximum Power Spectral Density (dBm/3KHz)	Limits (dBm/3kHz)	Verdict
802.11n(HT20)	2412	MIMO	-9.65	≤8	PASS
	2437	MIMO	-9.65	≤8	PASS
	2462	MIMO	-10.08	≤8	PASS

### 3.2 Test Graph







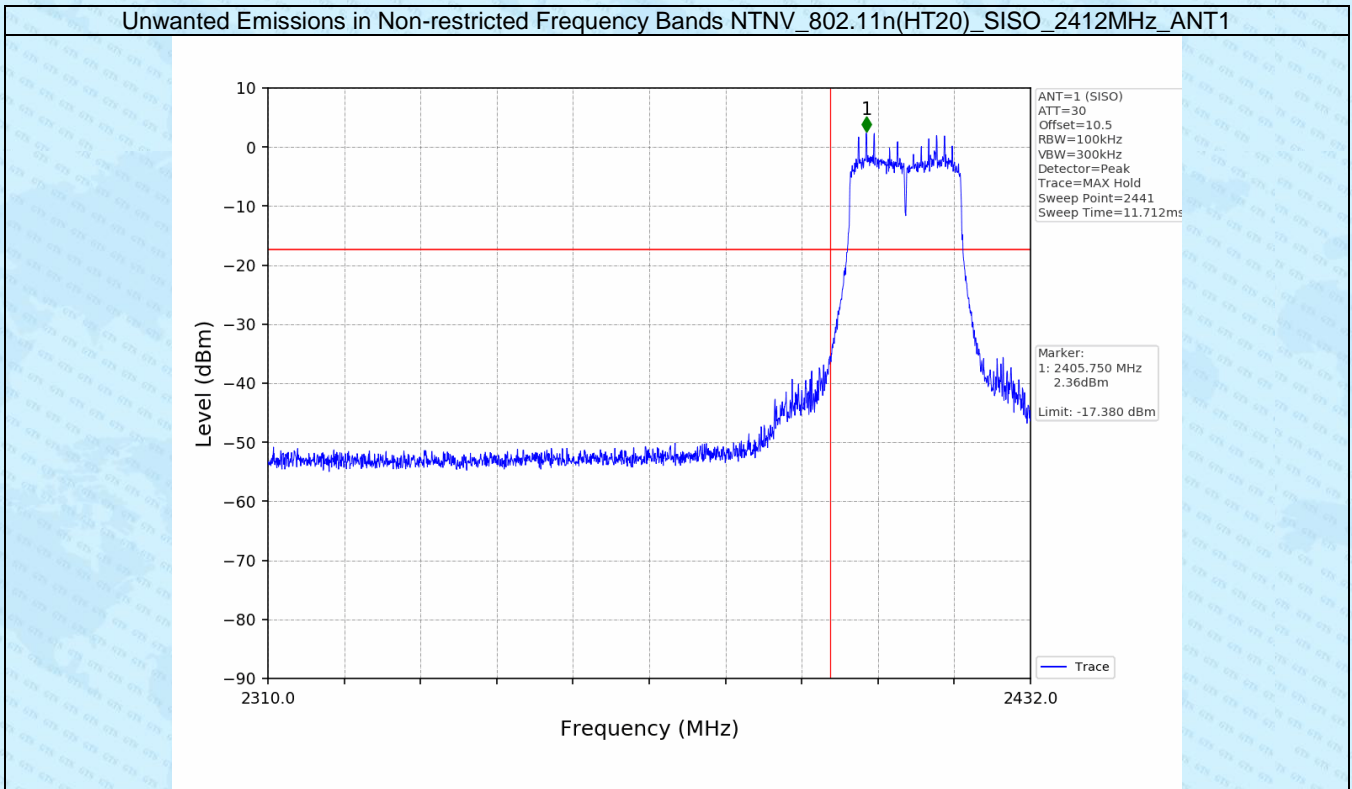
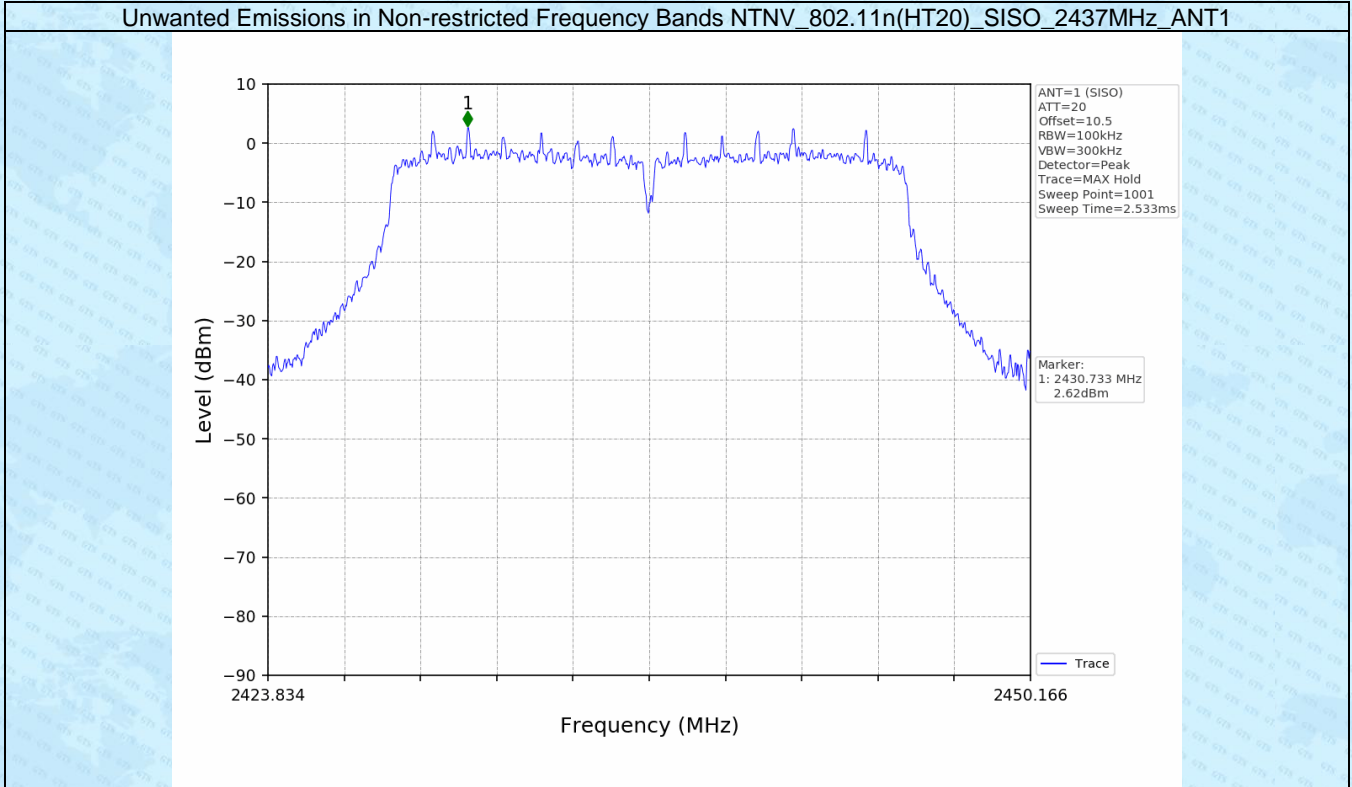


## 4. Unwanted Emissions in Non-restricted Frequency Bands

### 4.1 Test Result

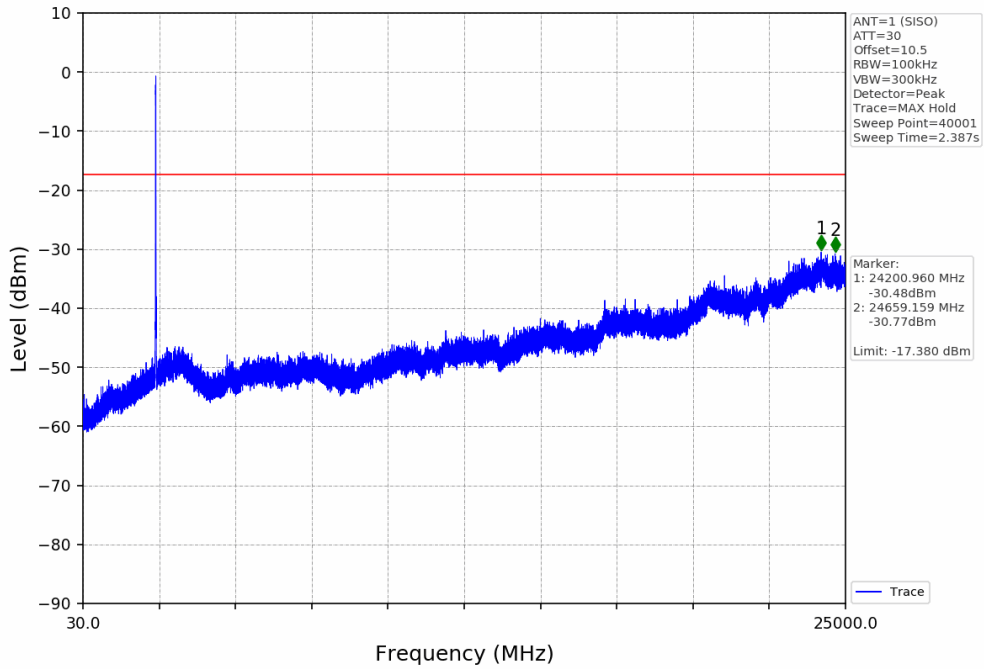
Test Mode	Frequency (MHz)	TX Type	ANT No.	Spurious Conducted Emission (dBm)	Limits (dBm)	Verdict
802.11n(HT20)	2412	SISO	1	Refer to test graph	-17.38	PASS
	2437	SISO	1	Refer to test graph	-17.38	PASS
	2462	SISO	1	Refer to test graph	-17.38	PASS
	2412	SISO	2	Refer to test graph	-17.76	PASS
	2437	SISO	2	Refer to test graph	-17.76	PASS
	2462	SISO	2	Refer to test graph	-17.76	PASS

## 4.2 Test Graph

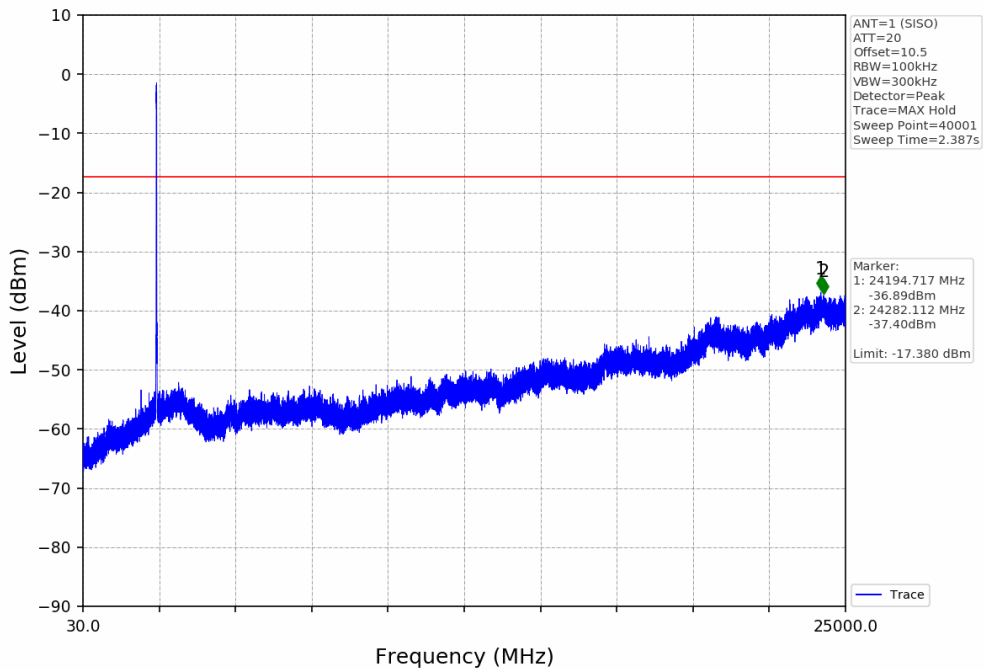




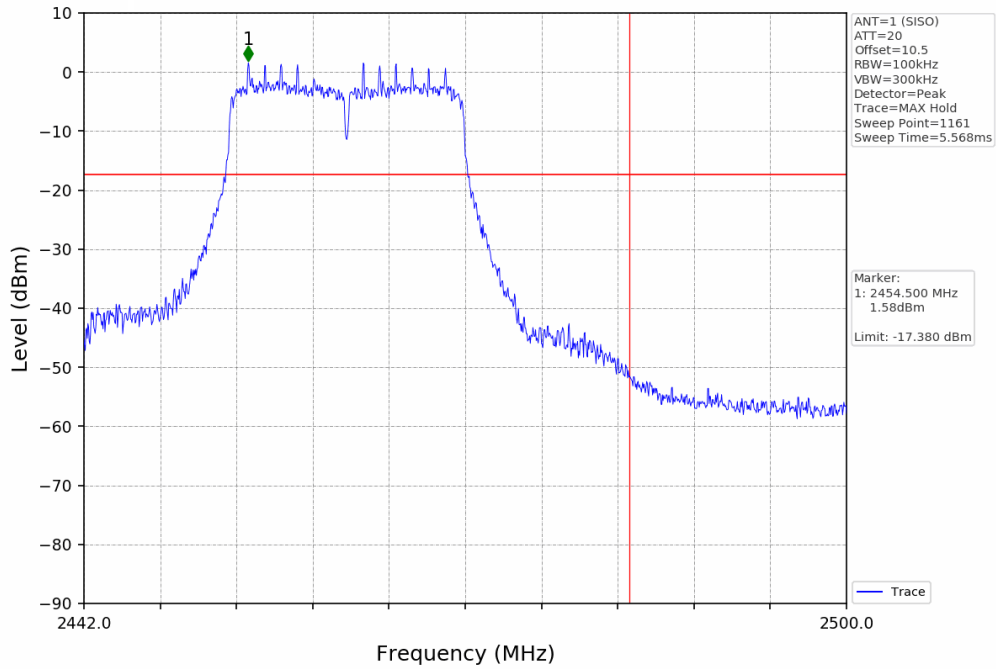
Unwanted Emissions in Non-restricted Frequency Bands NTN<sub>V</sub>\_802.11n(HT20)\_SISO\_2412MHz\_ANT1



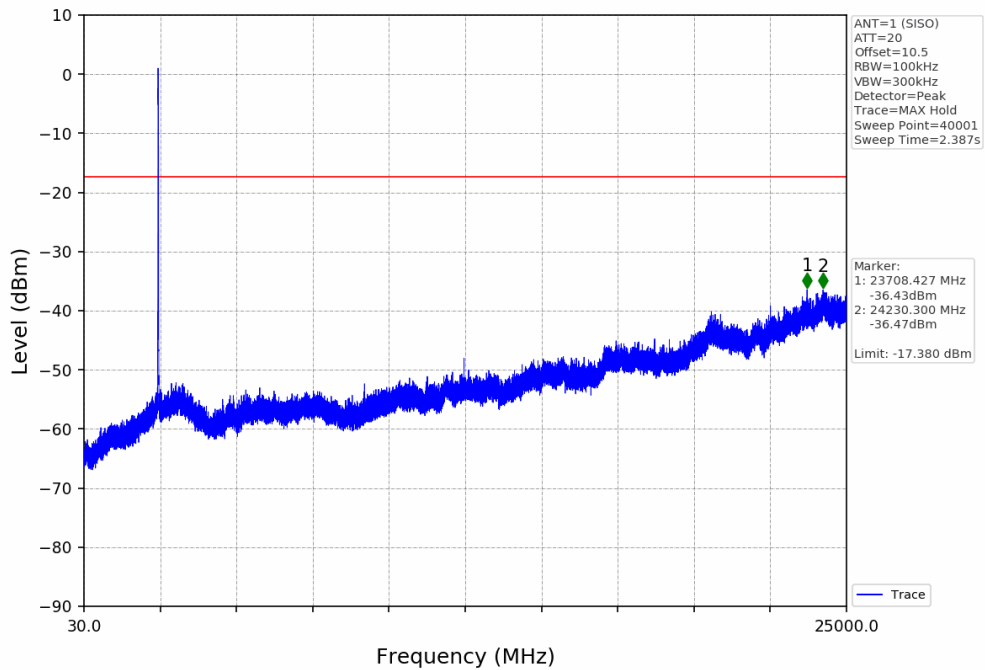
Unwanted Emissions in Non-restricted Frequency Bands NTN<sub>V</sub>\_802.11n(HT20)\_SISO\_2437MHz\_ANT1



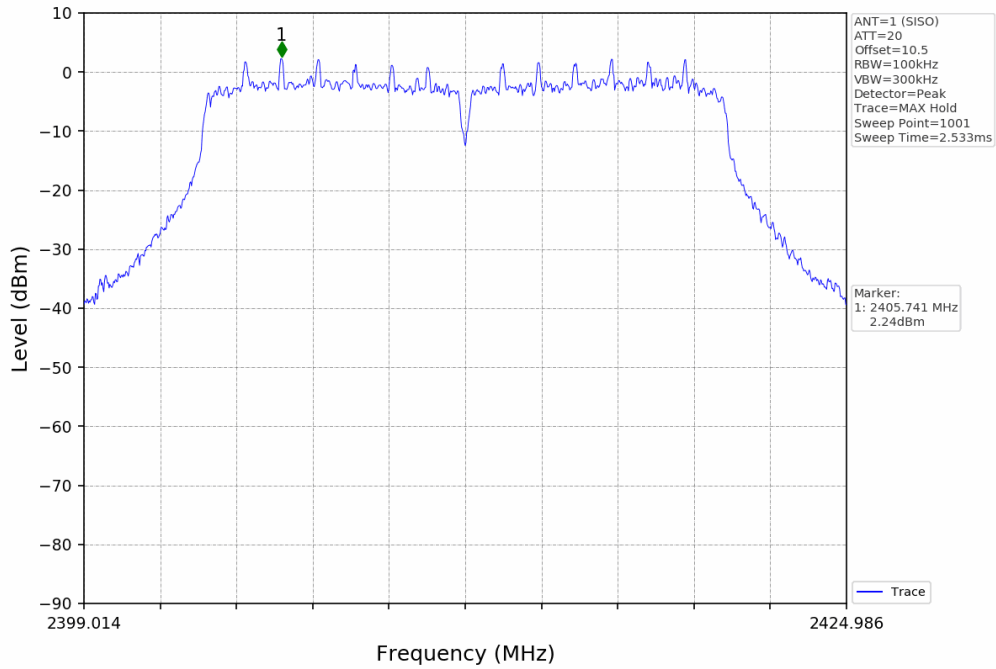
Unwanted Emissions in Non-restricted Frequency Bands NTN<sub>V</sub>\_802.11n(HT20)\_SISO\_2462MHz\_ANT1



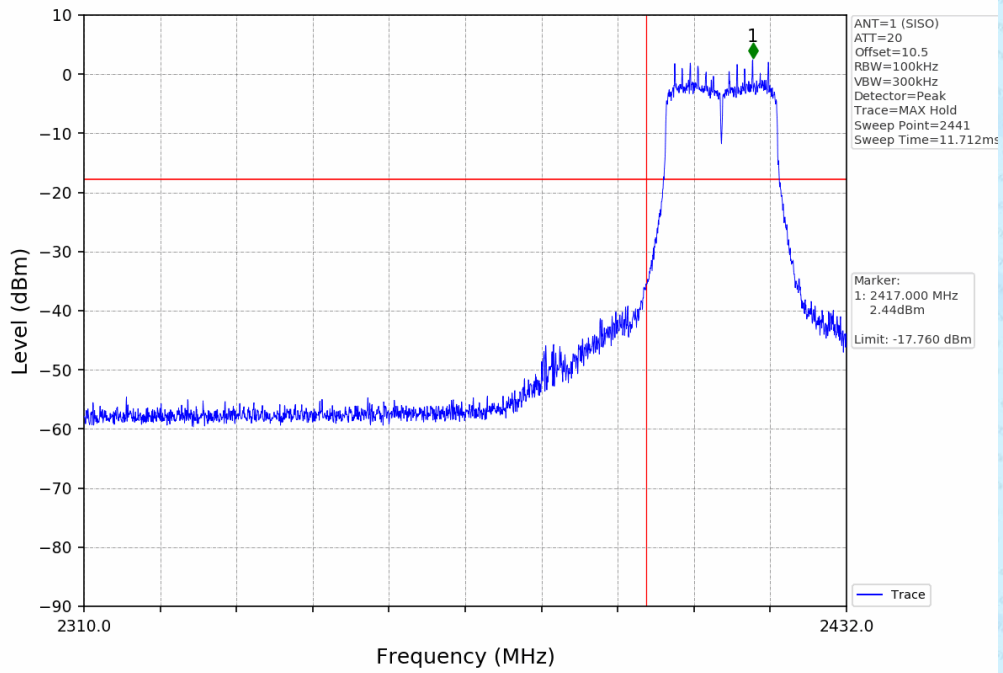
Unwanted Emissions in Non-restricted Frequency Bands NTN<sub>V</sub>\_802.11n(HT20)\_SISO\_2462MHz\_ANT1



### Unwanted Emissions in Non-restricted Frequency Bands NTN\_V\_802.11n(HT20)\_SISO\_2412MHz\_ANT2

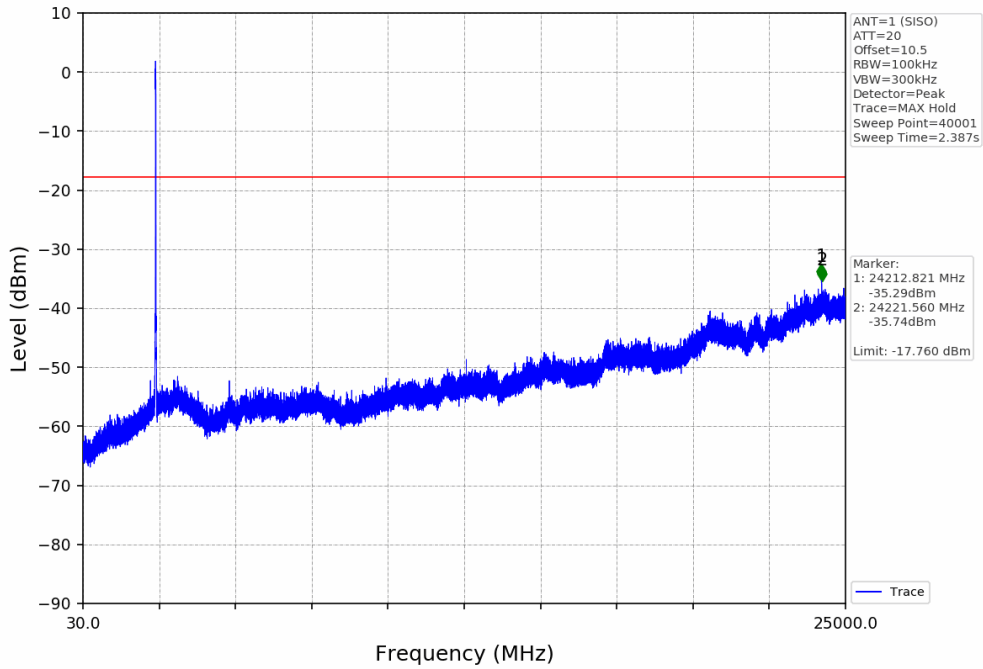


### Unwanted Emissions in Non-restricted Frequency Bands NTN\_V\_802.11n(HT20)\_SISO\_2412MHz\_ANT2

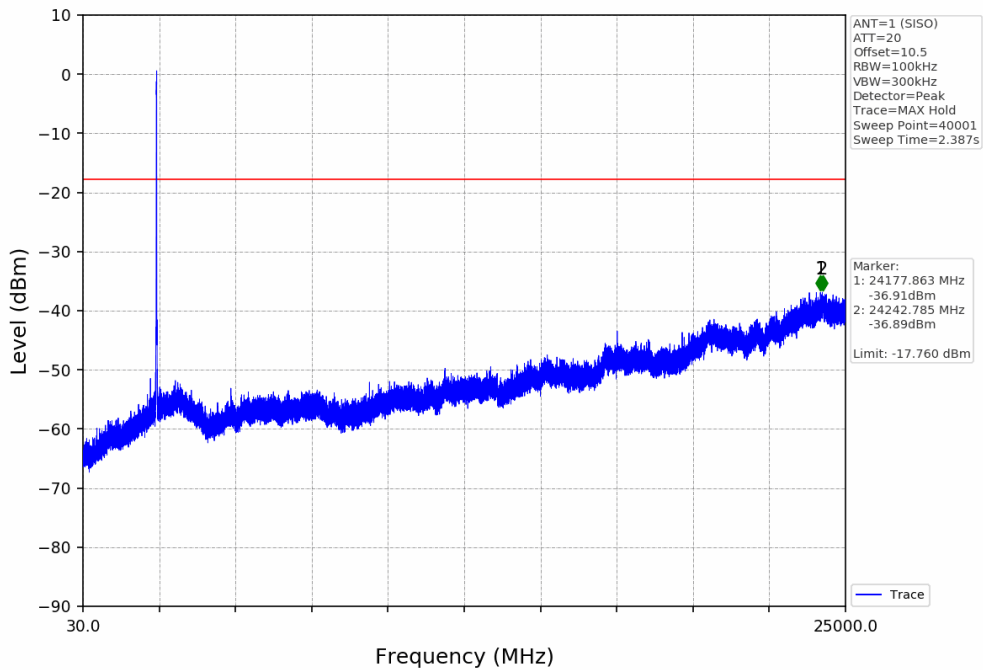




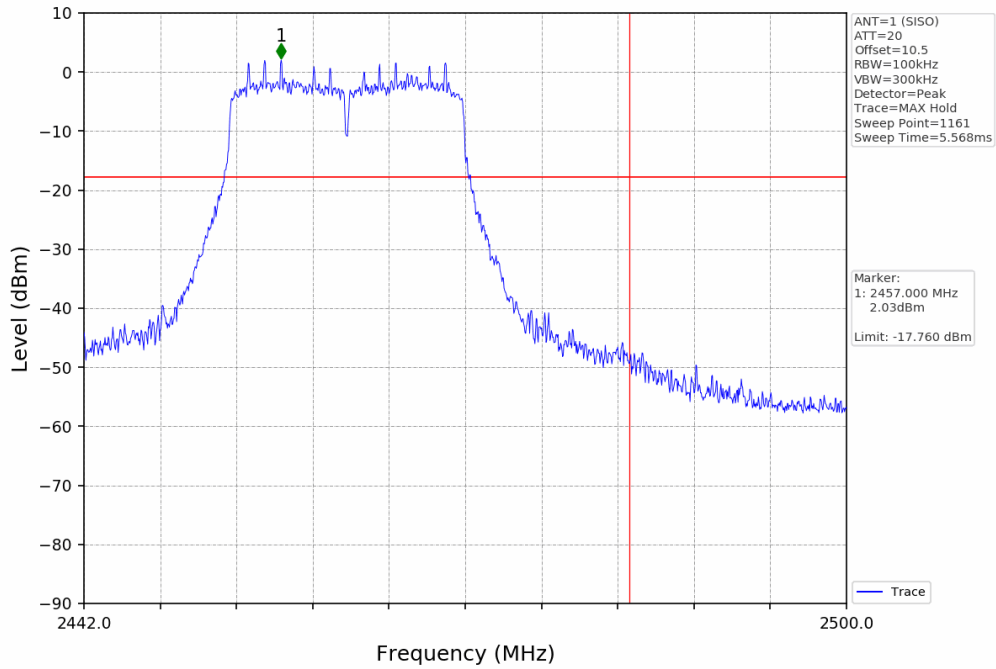
### Unwanted Emissions in Non-restricted Frequency Bands NTN\_V\_802.11n(HT20)\_SISO\_2412MHz\_ANT2



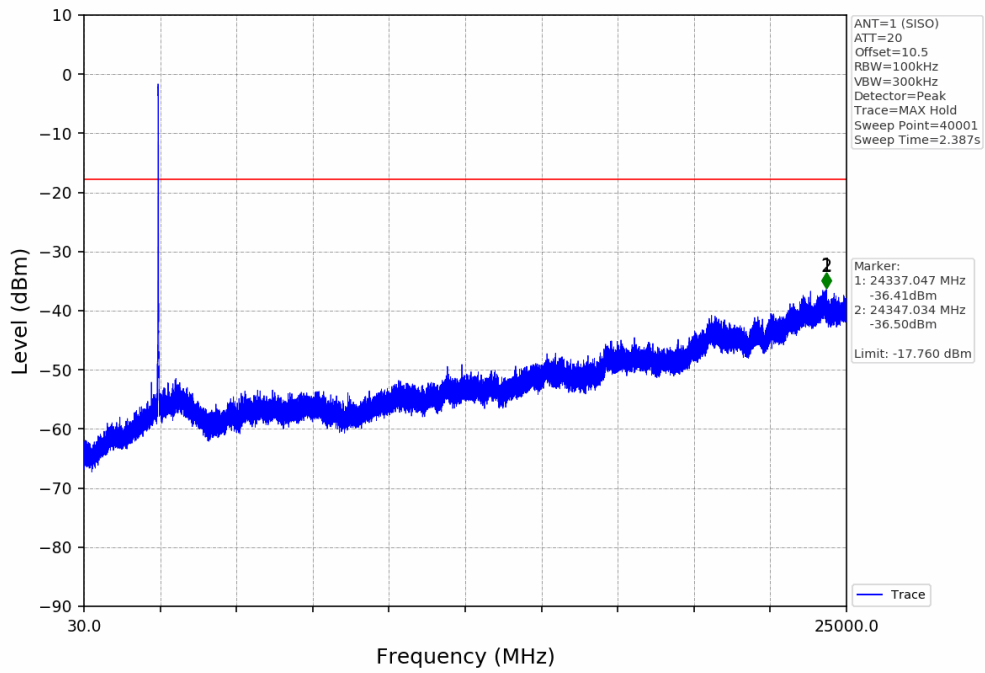
### Unwanted Emissions in Non-restricted Frequency Bands NTN\_V\_802.11n(HT20)\_SISO\_2437MHz\_ANT2



### Unwanted Emissions in Non-restricted Frequency Bands NTN\_V\_802.11n(HT20)\_SISO\_2462MHz\_ANT2



### Unwanted Emissions in Non-restricted Frequency Bands NTN\_V\_802.11n(HT20)\_SISO\_2462MHz\_ANT2



-----End-----