

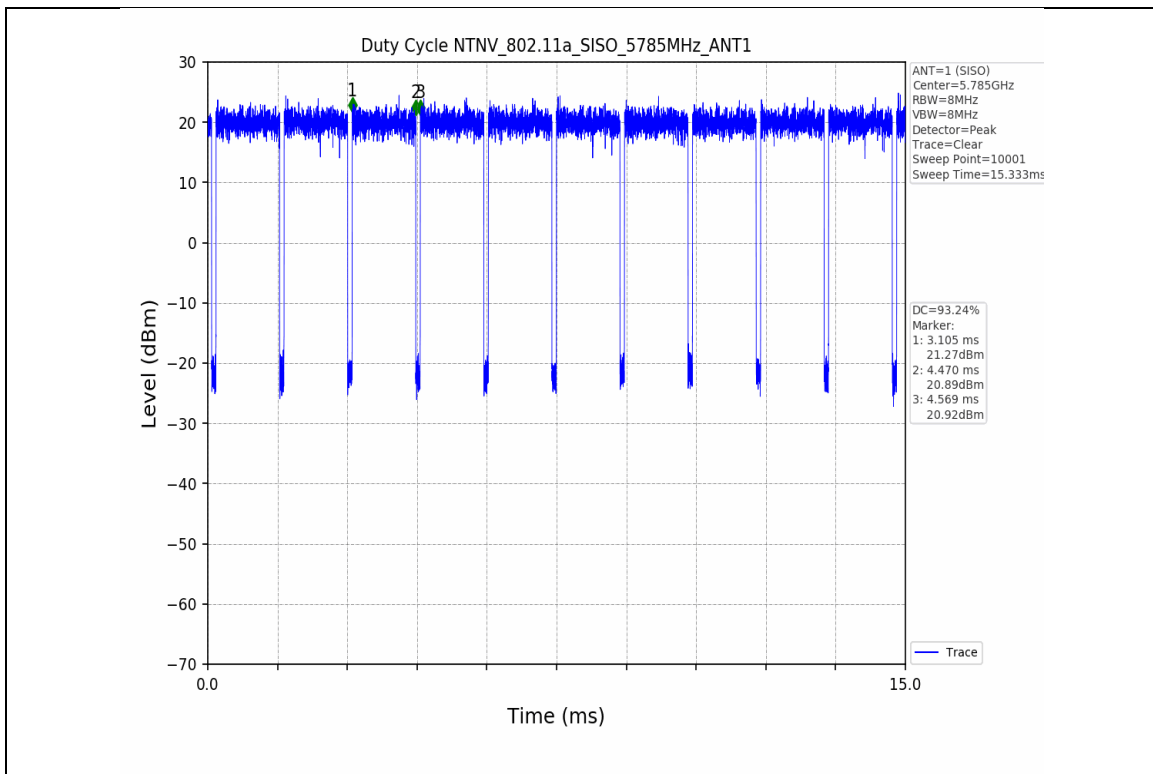
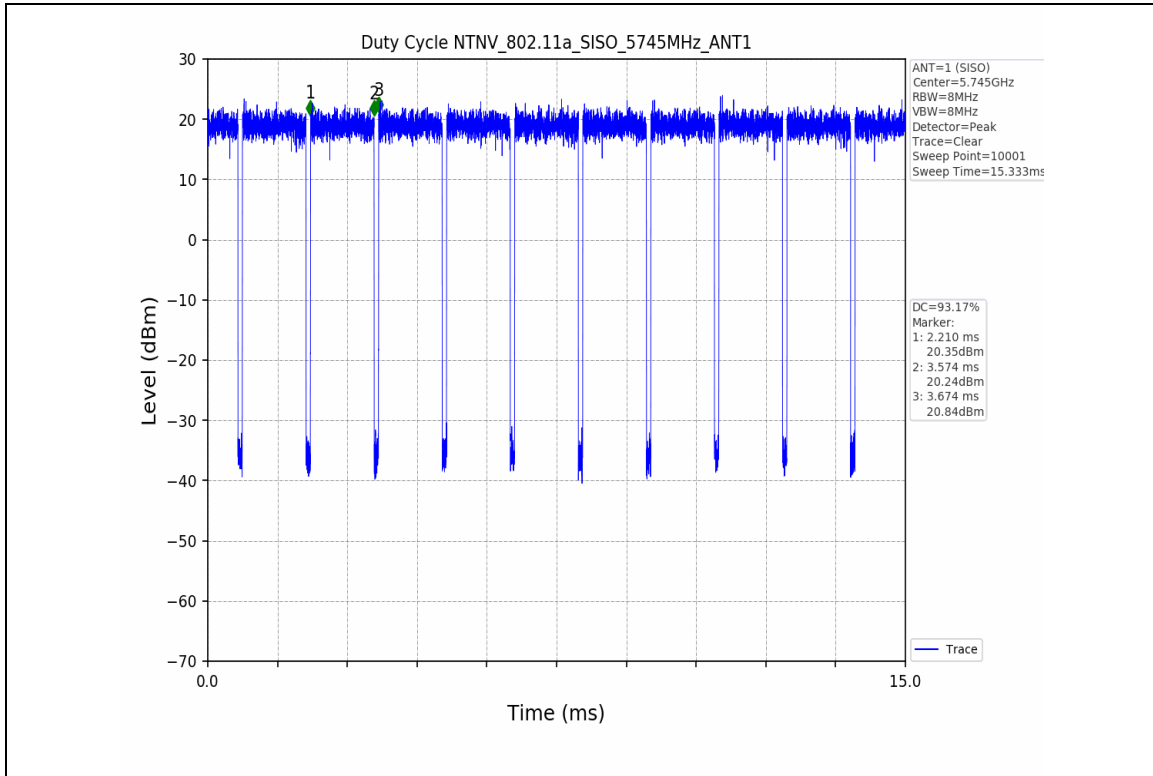
## Appendix for 15.407

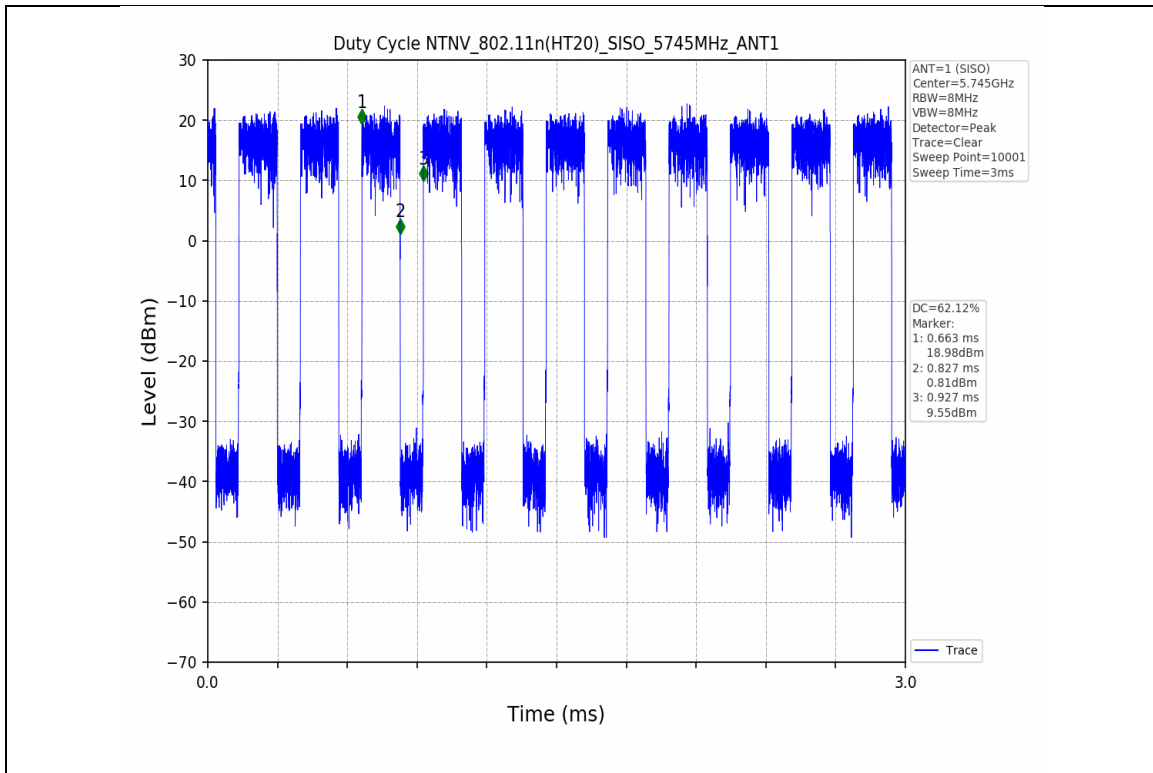
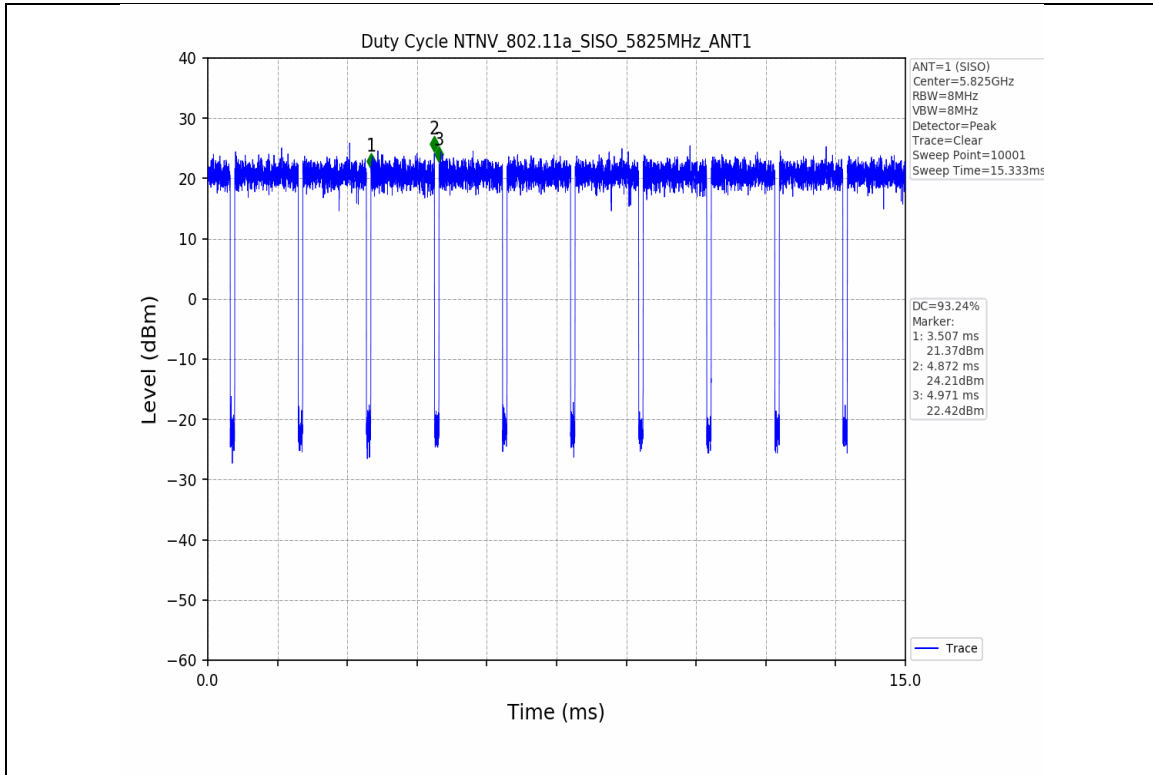
### 1. Duty Cycle

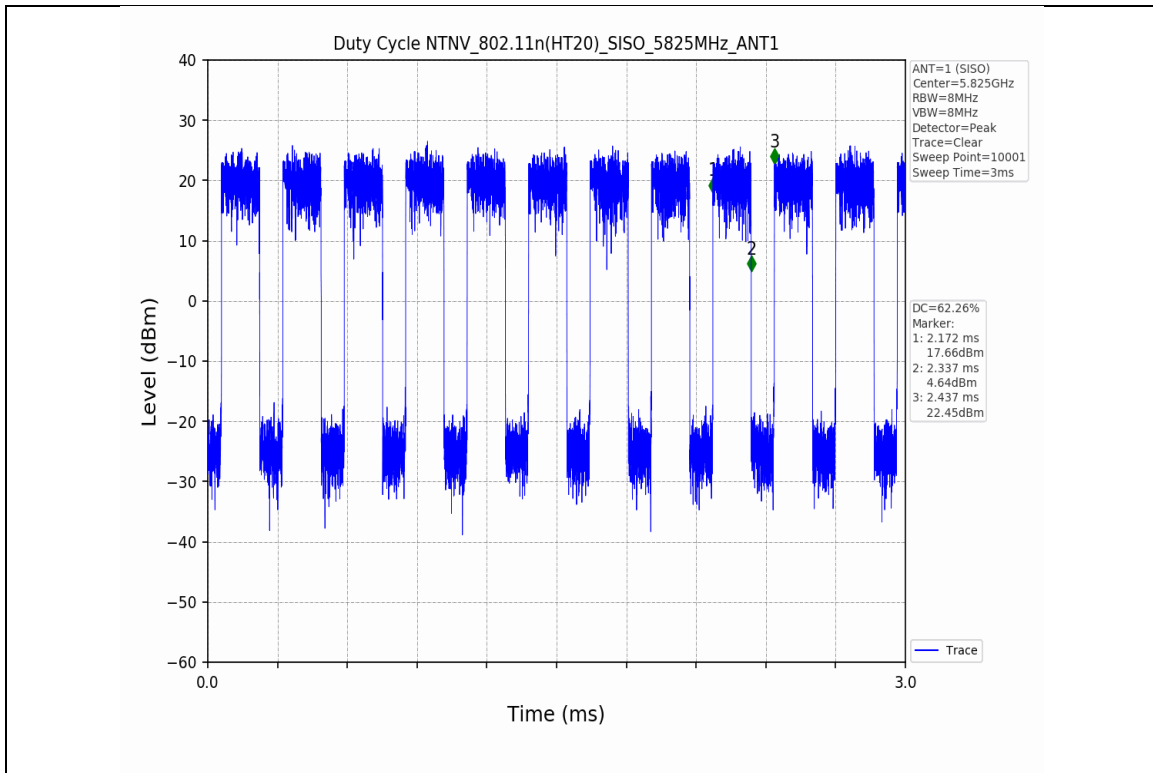
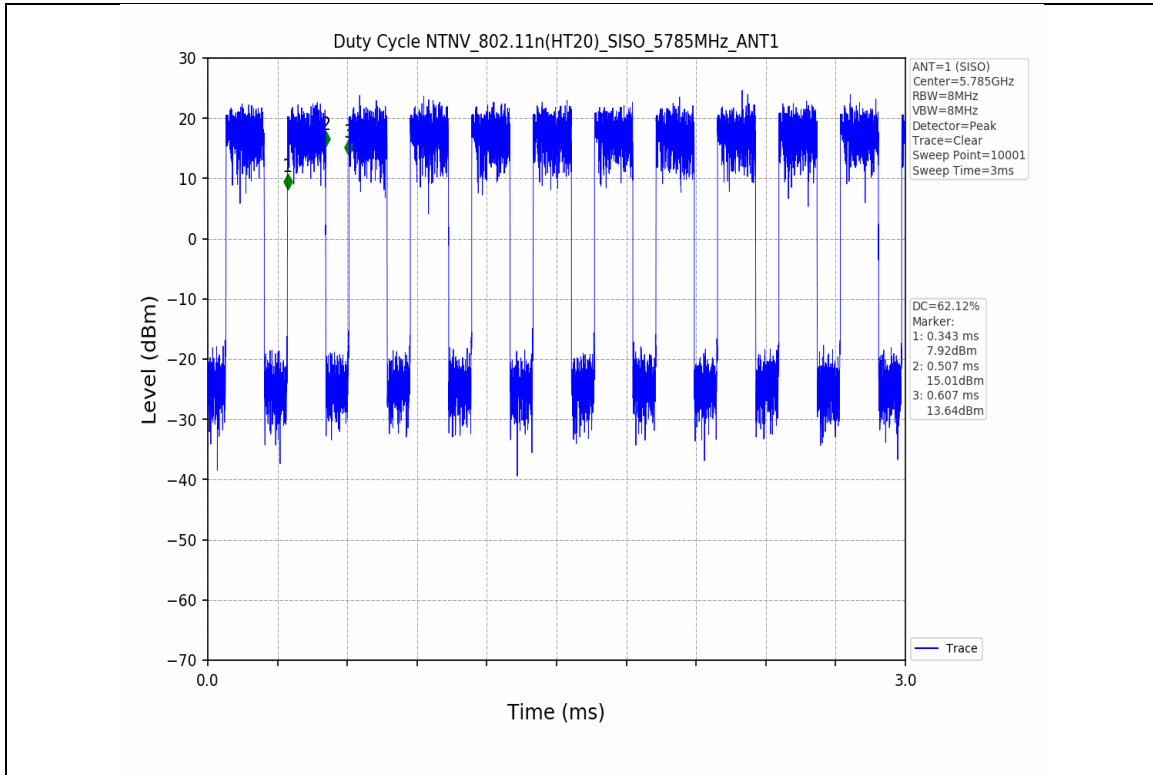
#### 1.1 Test Result

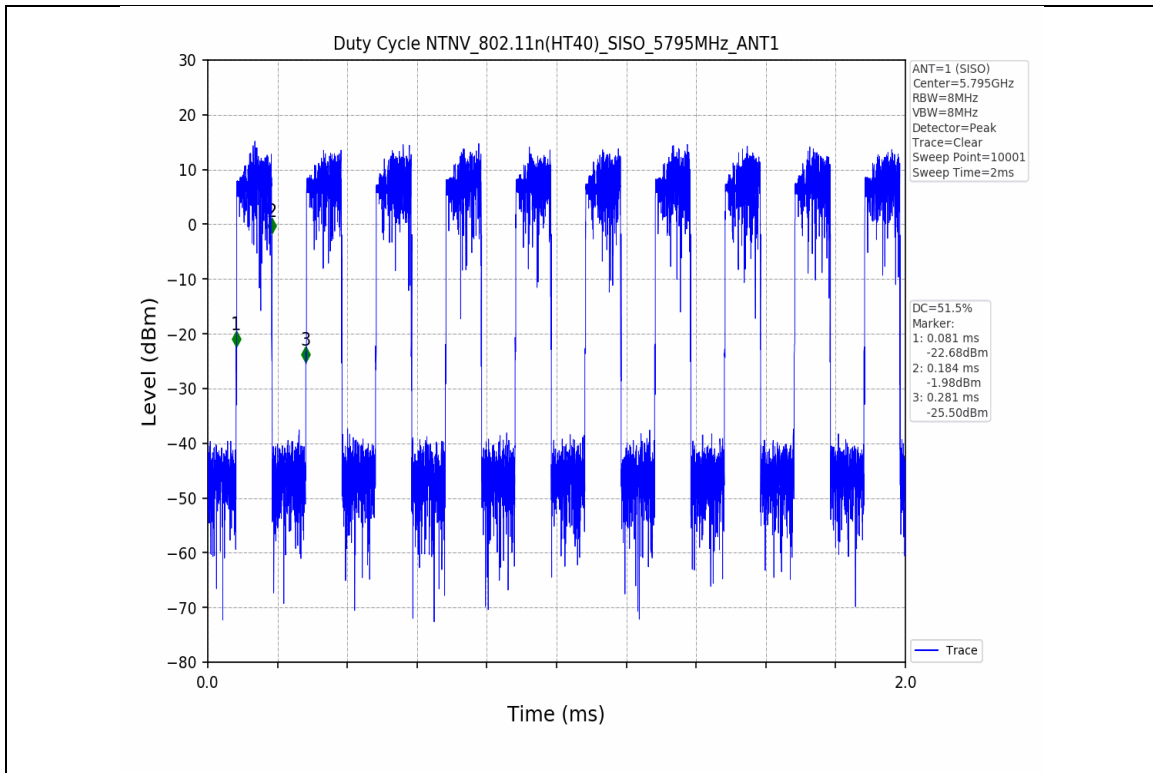
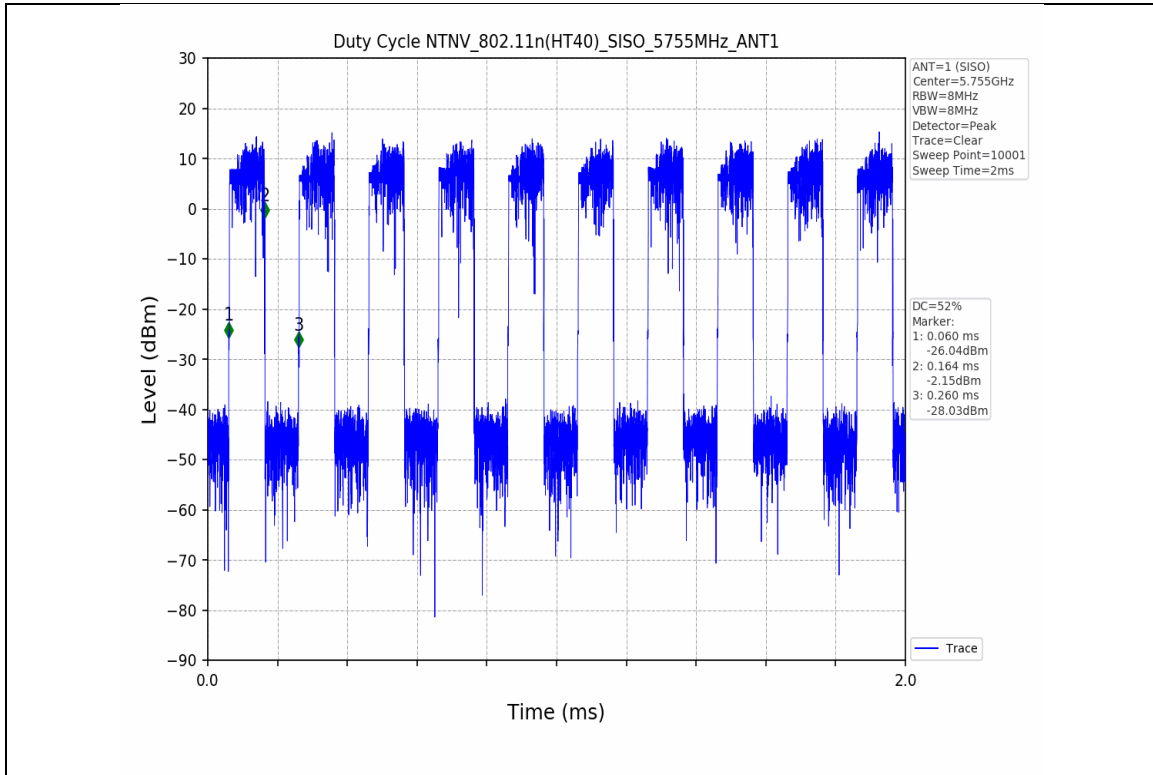
Test Mode	Channel Frequency (MHz)	TX Type	ANT No.	T_on (ms)	Period (ms)	Duty Cycle (%)	Duty Cycle Correction Factor (dB)
802.11a	5745	SISO	1	1.364	1.464	93.17	0.31
	5785	SISO	1	1.365	1.464	93.24	0.30
	5825	SISO	1	1.365	1.464	93.24	0.30
802.11n(HT20)	5745	SISO	1	0.164	0.264	62.12	2.07
	5785	SISO	1	0.164	0.264	62.12	2.07
	5825	SISO	1	0.165	0.265	62.26	2.06
802.11n(HT40)	5755	SISO	1	0.104	0.200	52.00	2.84
	5795	SISO	1	0.103	0.200	51.50	2.88
802.11ac(VHT20)	5745	SISO	1	0.172	0.273	63.00	2.01
	5785	SISO	1	0.172	0.272	63.24	1.99
	5825	SISO	1	0.172	0.272	63.24	1.99
802.11ac(VHT40)	5755	SISO	1	0.618	0.657	94.06	0.27
	5795	SISO	1	0.618	0.656	94.21	0.26

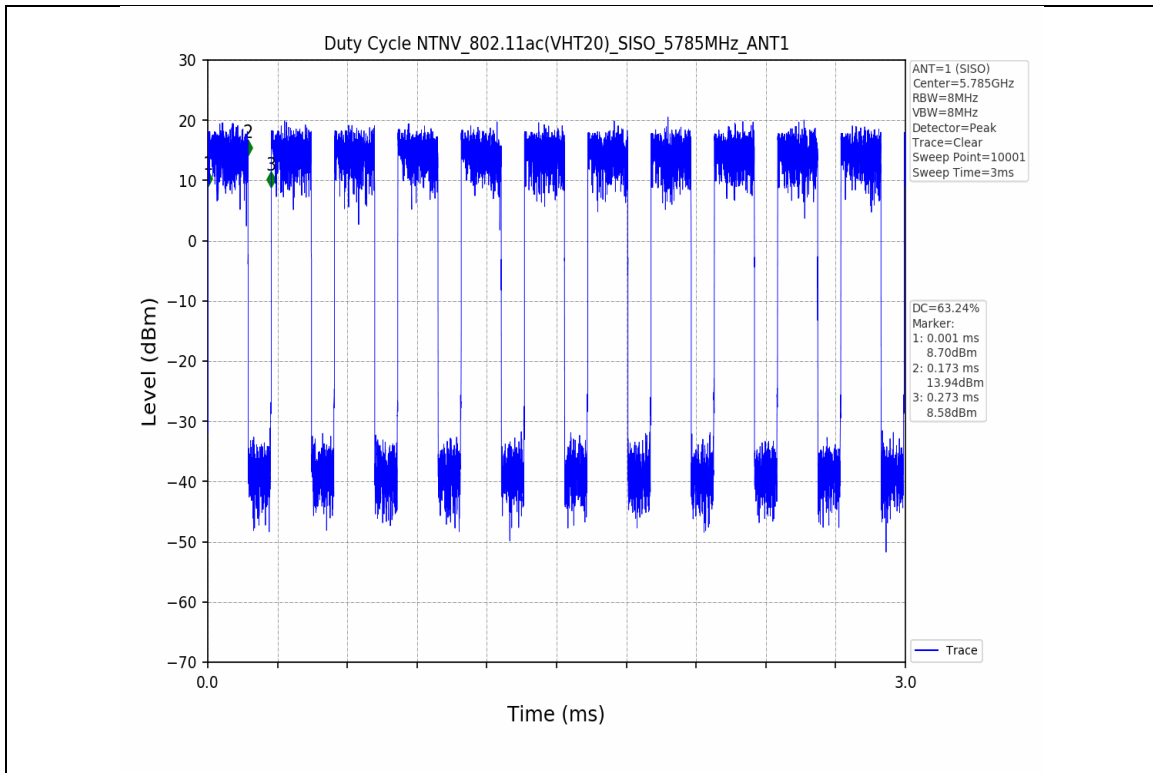
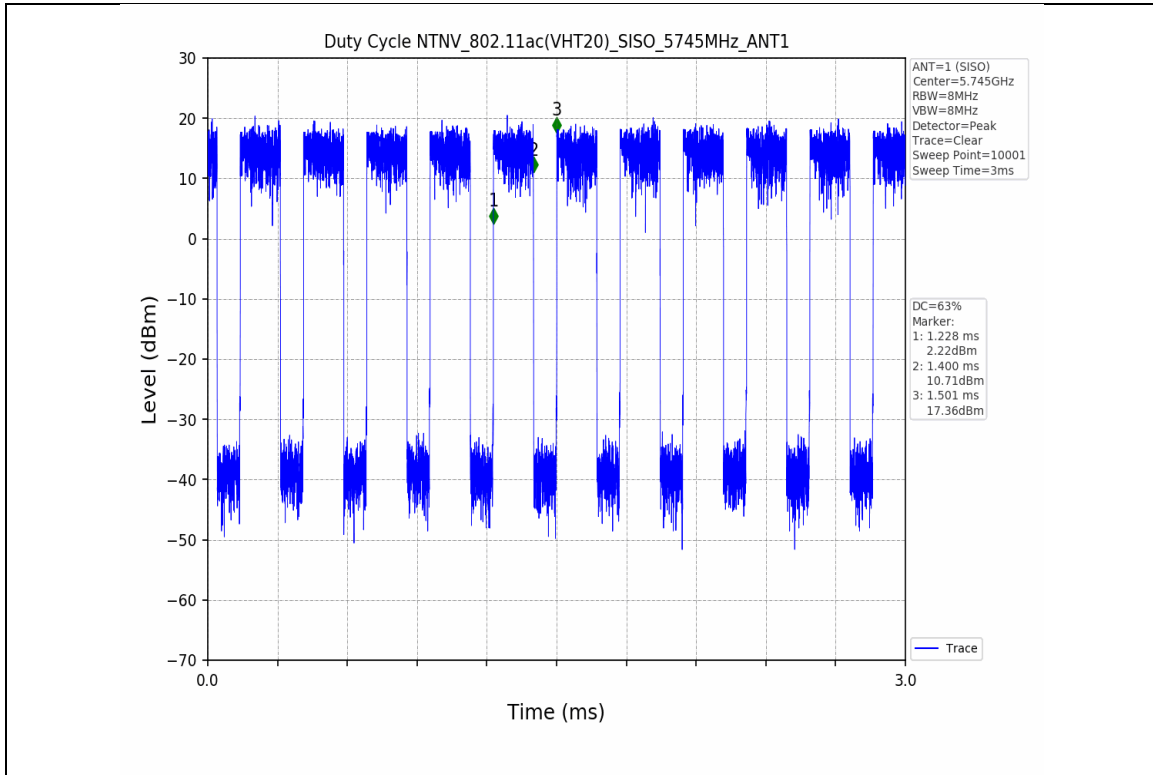
## 1.2 Test Graph

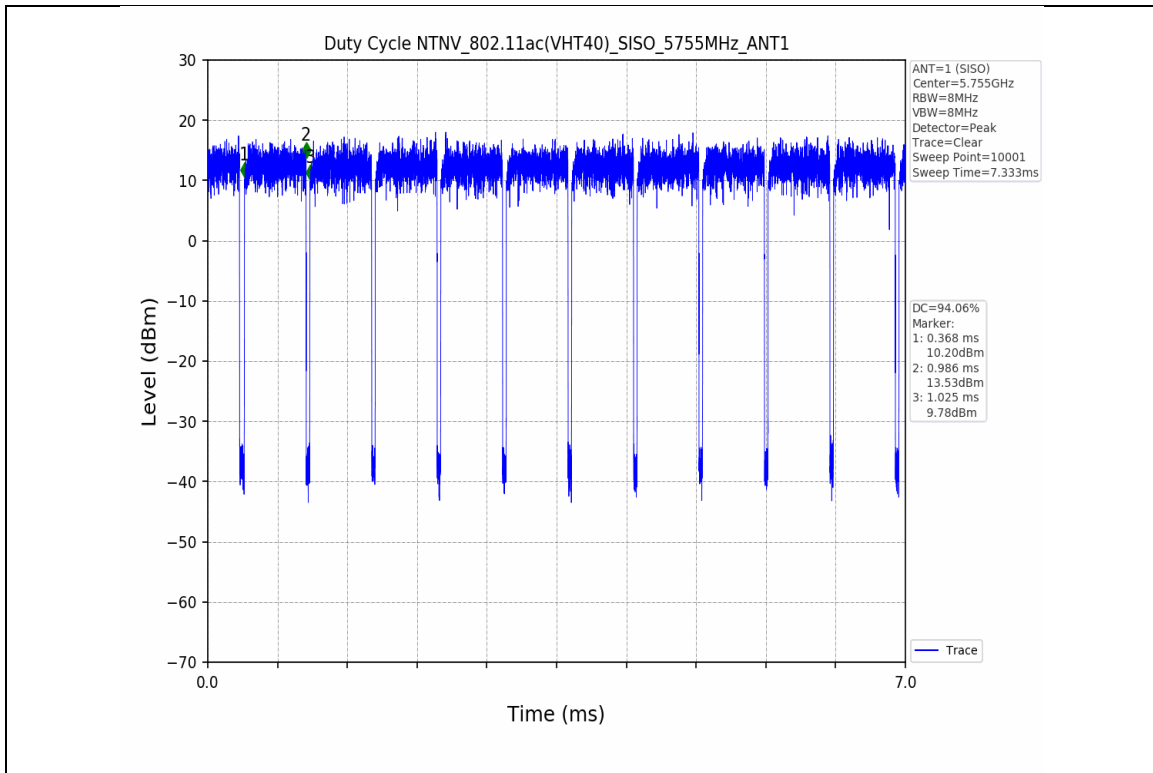
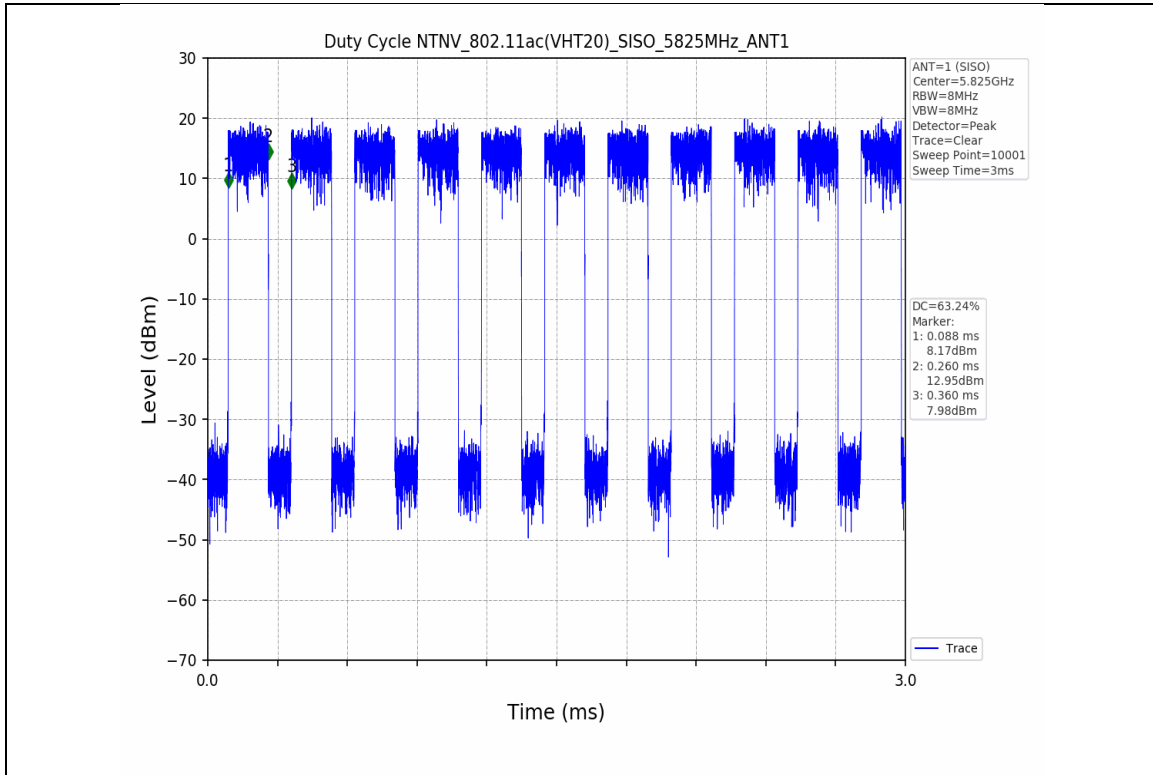


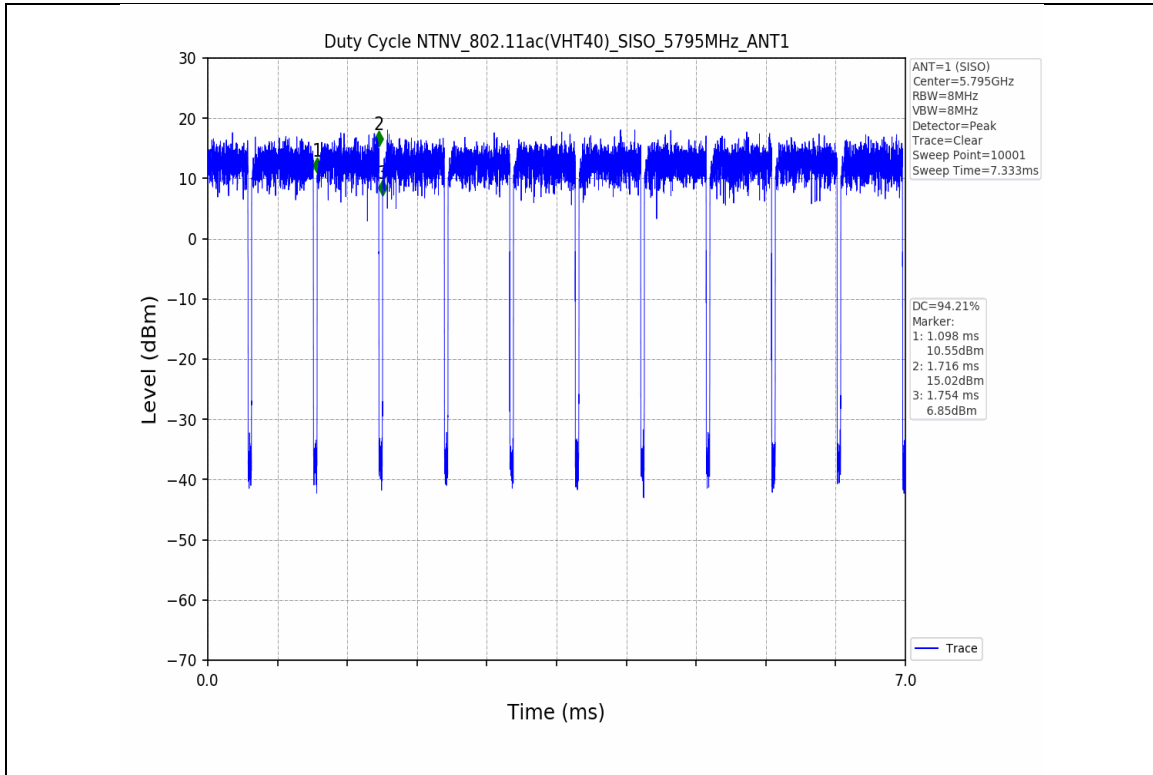














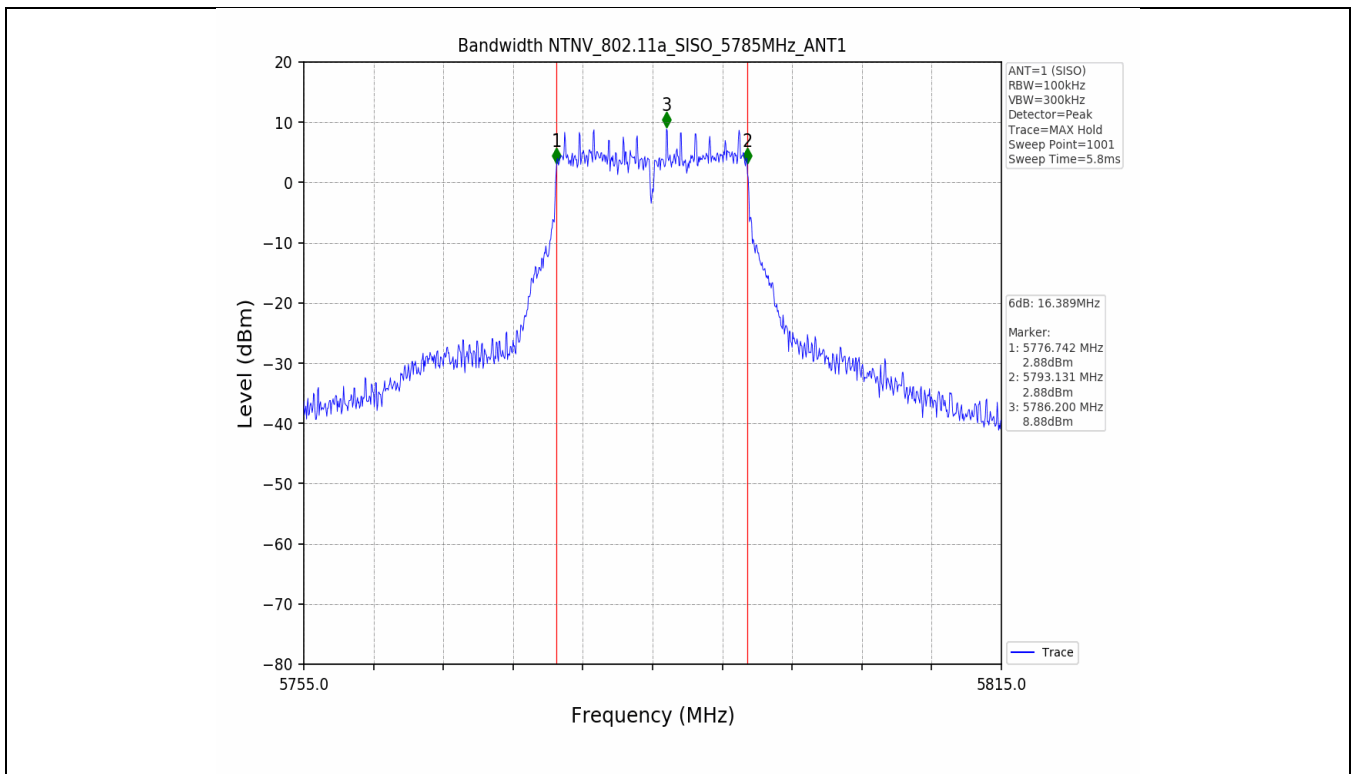
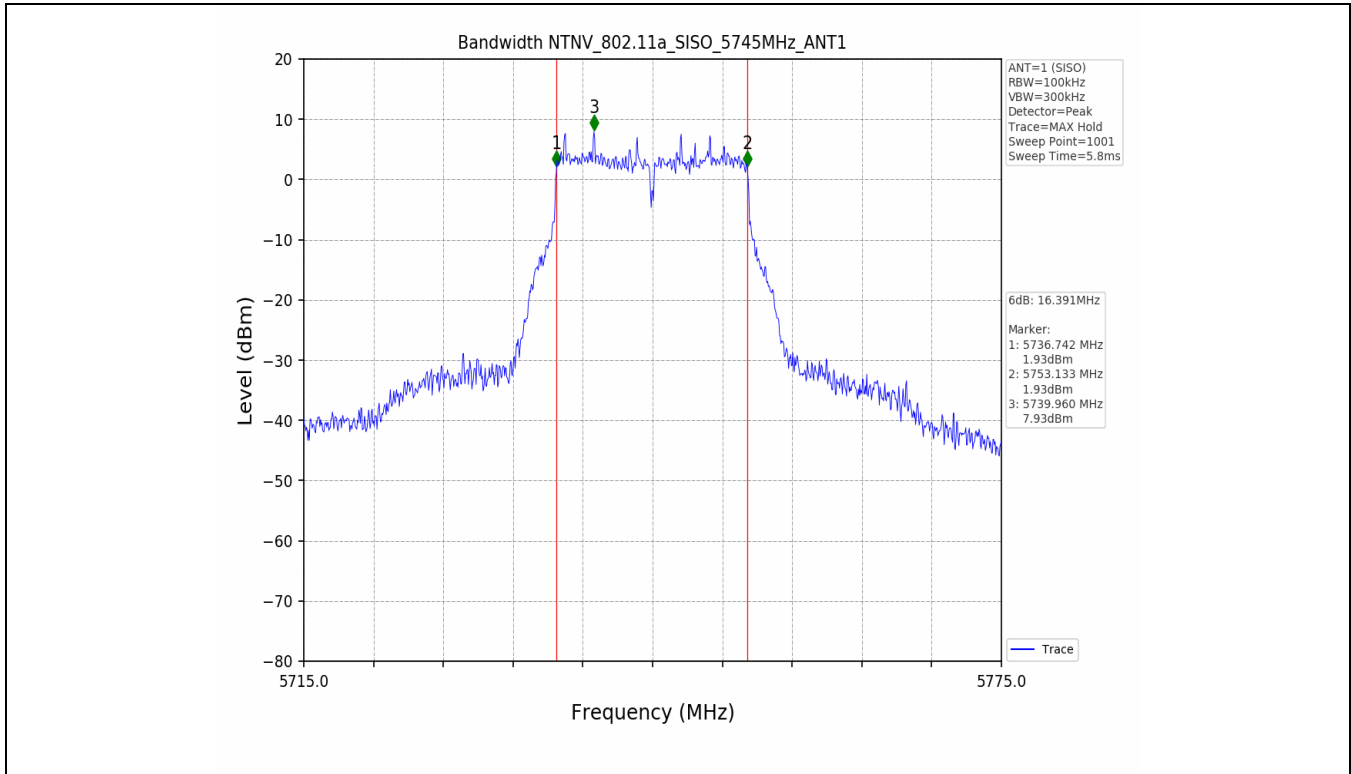
## 2. Bandwidth

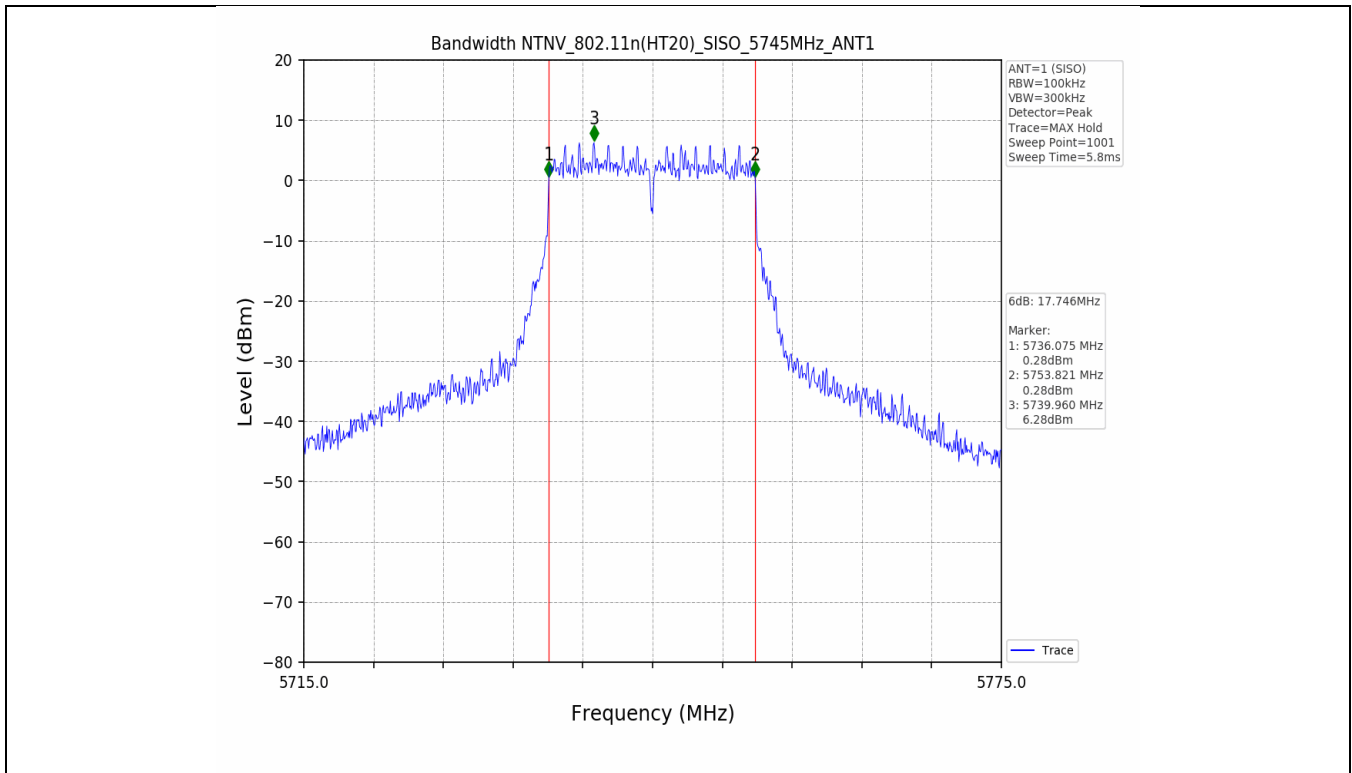
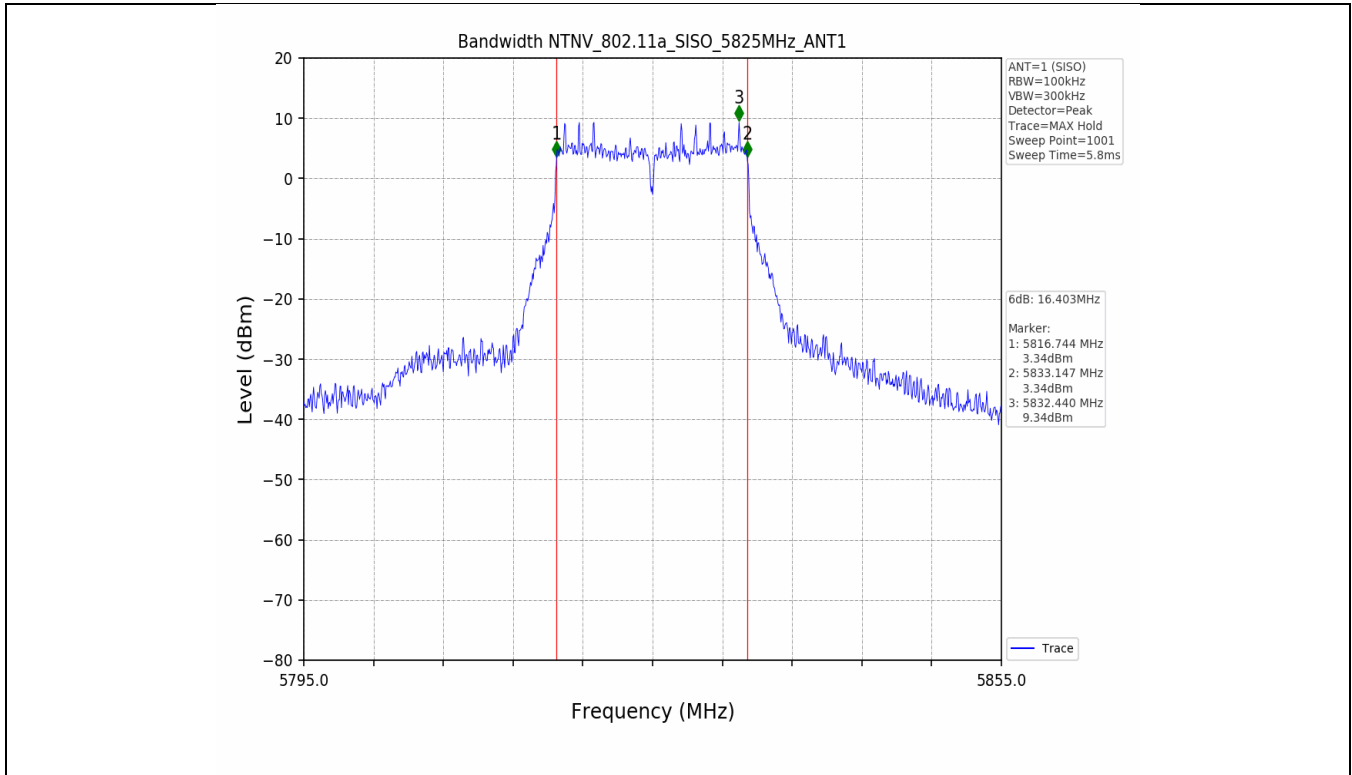
### 2.1 Test Result

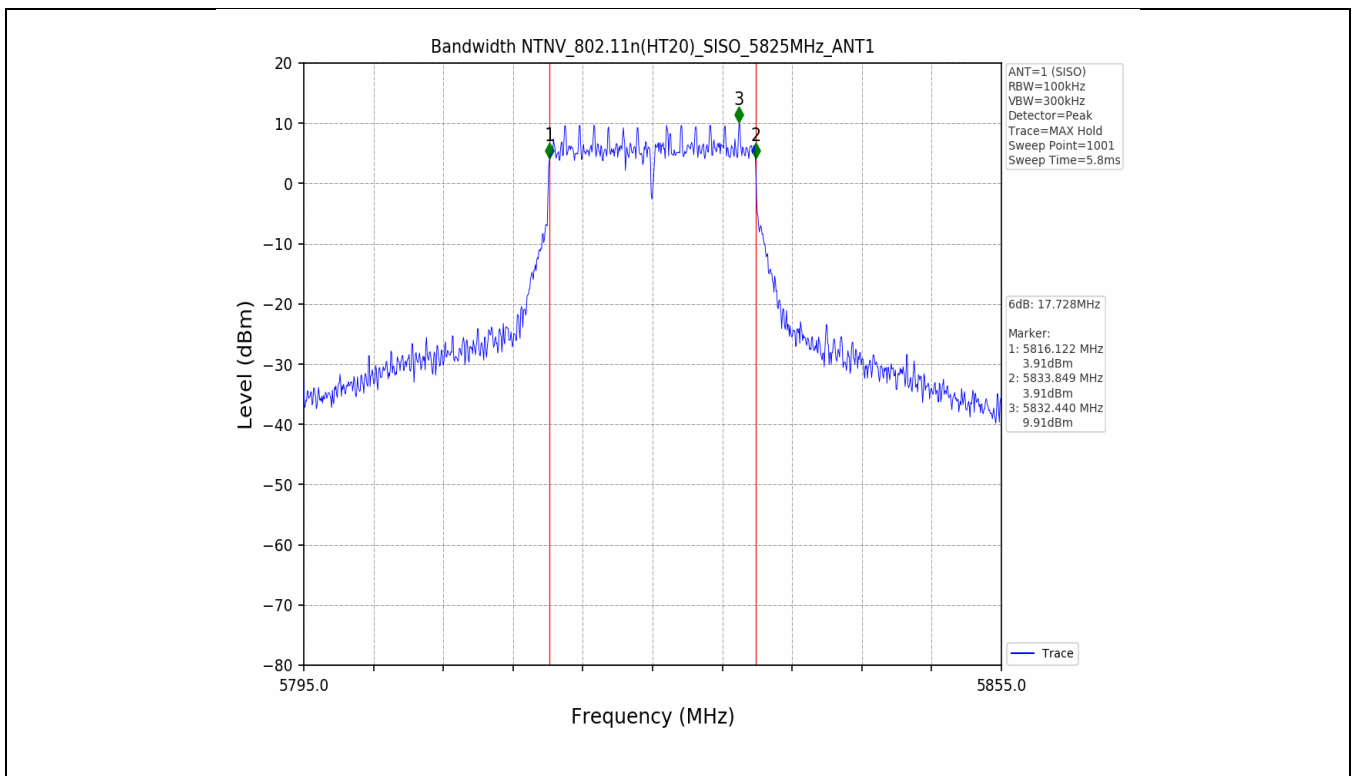
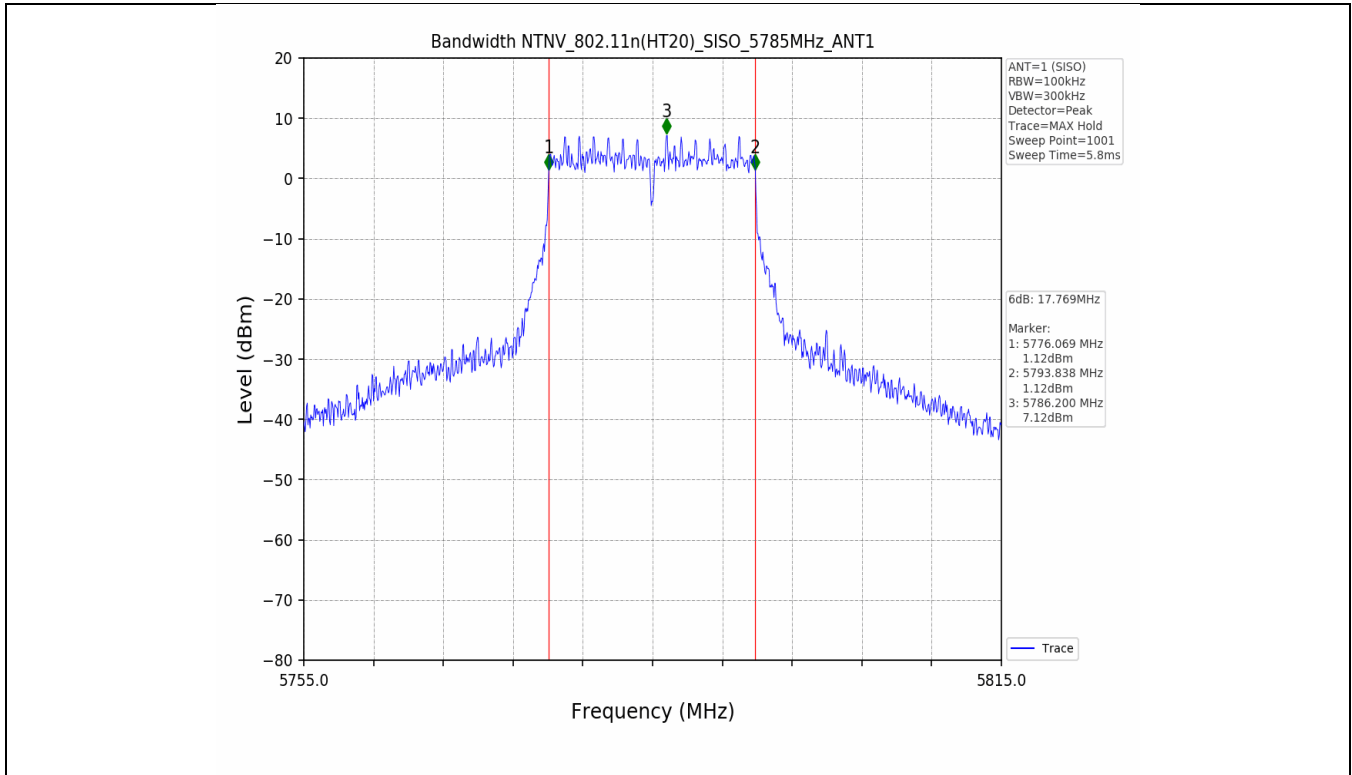
Test Mode	Frequency (MHz)	TX Type	ANT No.	Emission Bandwidth		Verdict
				Test Result (MHz)	Limits (MHz)	
802.11a	5745	SISO	1	16.391	≥0.5	PASS
	5785	SISO	1	16.389	≥0.5	PASS
	5825	SISO	1	16.403	≥0.5	PASS
802.11n(HT20)	5745	SISO	1	17.746	≥0.5	PASS
	5785	SISO	1	17.769	≥0.5	PASS
	5825	SISO	1	17.728	≥0.5	PASS
802.11n(HT40)	5755	SISO	1	36.456	≥0.5	PASS
	5795	SISO	1	36.497	≥0.5	PASS
802.11ac(VHT20)	5745	SISO	1	17.723	≥0.5	PASS
	5785	SISO	1	17.713	≥0.5	PASS
	5825	SISO	1	17.701	≥0.5	PASS
802.11ac(VHT40)	5755	SISO	1	36.439	≥0.5	PASS
	5795	SISO	1	36.454	≥0.5	PASS

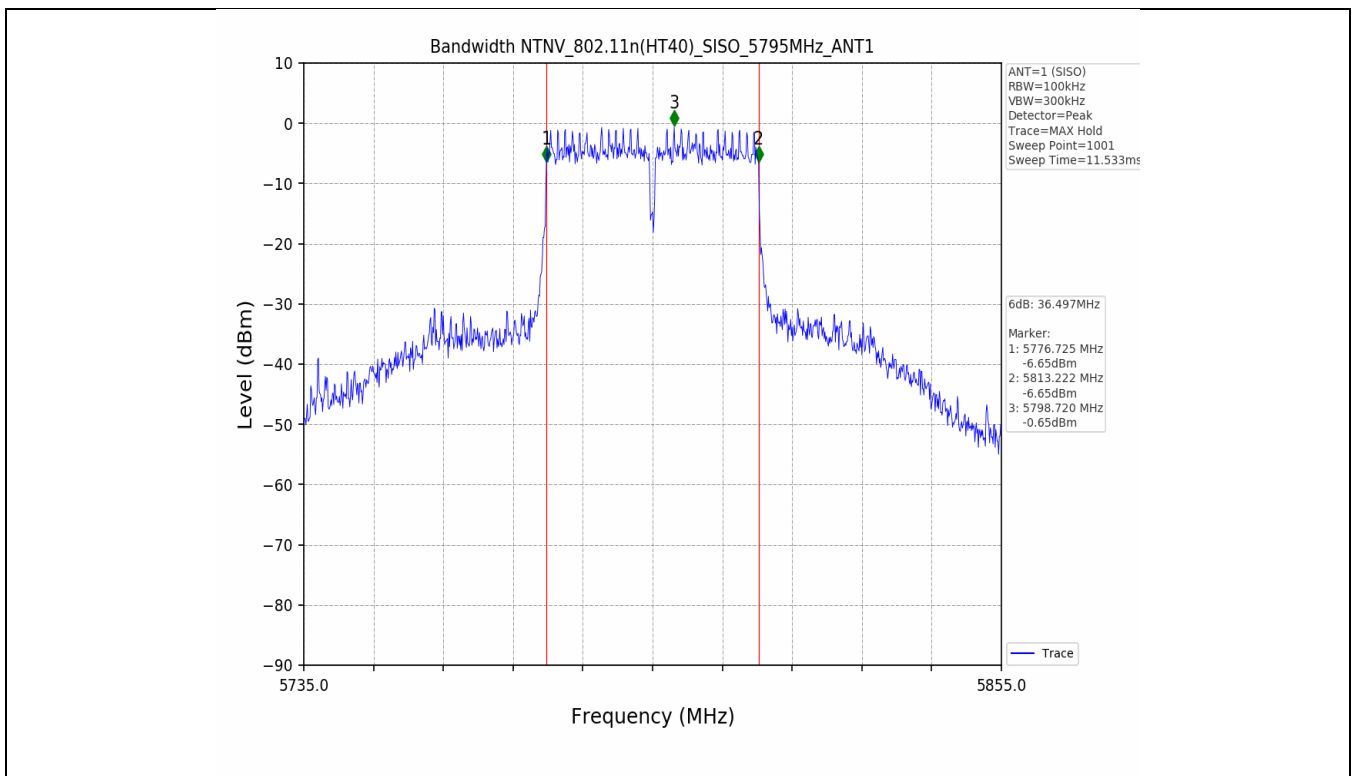
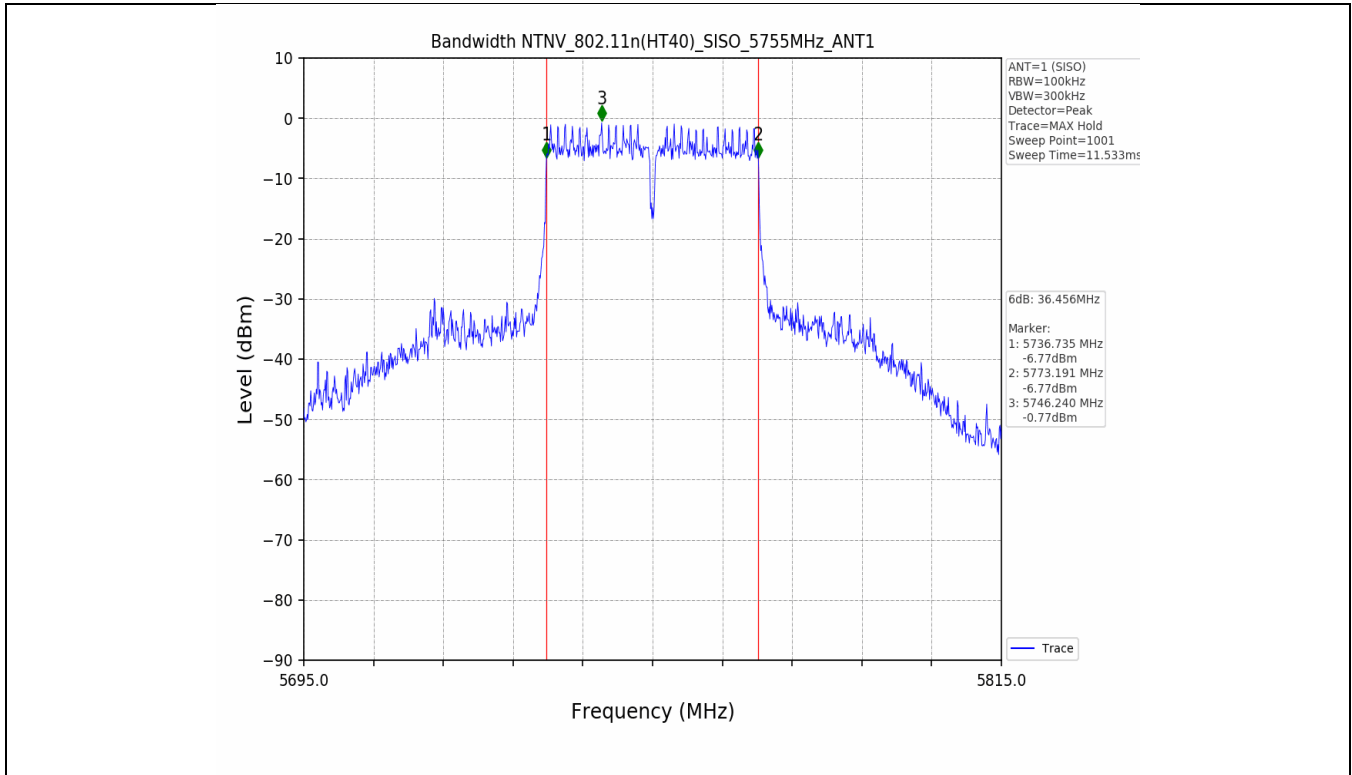
Test Mode	Frequency (MHz)	TX Type	ANT No.	99% Occupied Bandwidth	
				Test Result (MHz)	
802.11a	5745	SISO	1	17.169	Only for Report Use
	5785	SISO	1	17.311	Only for Report Use
	5825	SISO	1	17.219	Only for Report Use
802.11n(HT20)	5745	SISO	1	18.013	Only for Report Use
	5785	SISO	1	17.989	Only for Report Use
	5825	SISO	1	18.081	Only for Report Use
802.11n(HT40)	5755	SISO	1	36.926	Only for Report Use
	5795	SISO	1	36.791	Only for Report Use
802.11ac(VHT20)	5745	SISO	1	18.321	Only for Report Use
	5785	SISO	1	18.324	Only for Report Use
	5825	SISO	1	18.254	Only for Report Use
802.11ac(VHT40)	5755	SISO	1	38.117	Only for Report Use
	5795	SISO	1	38.044	Only for Report Use

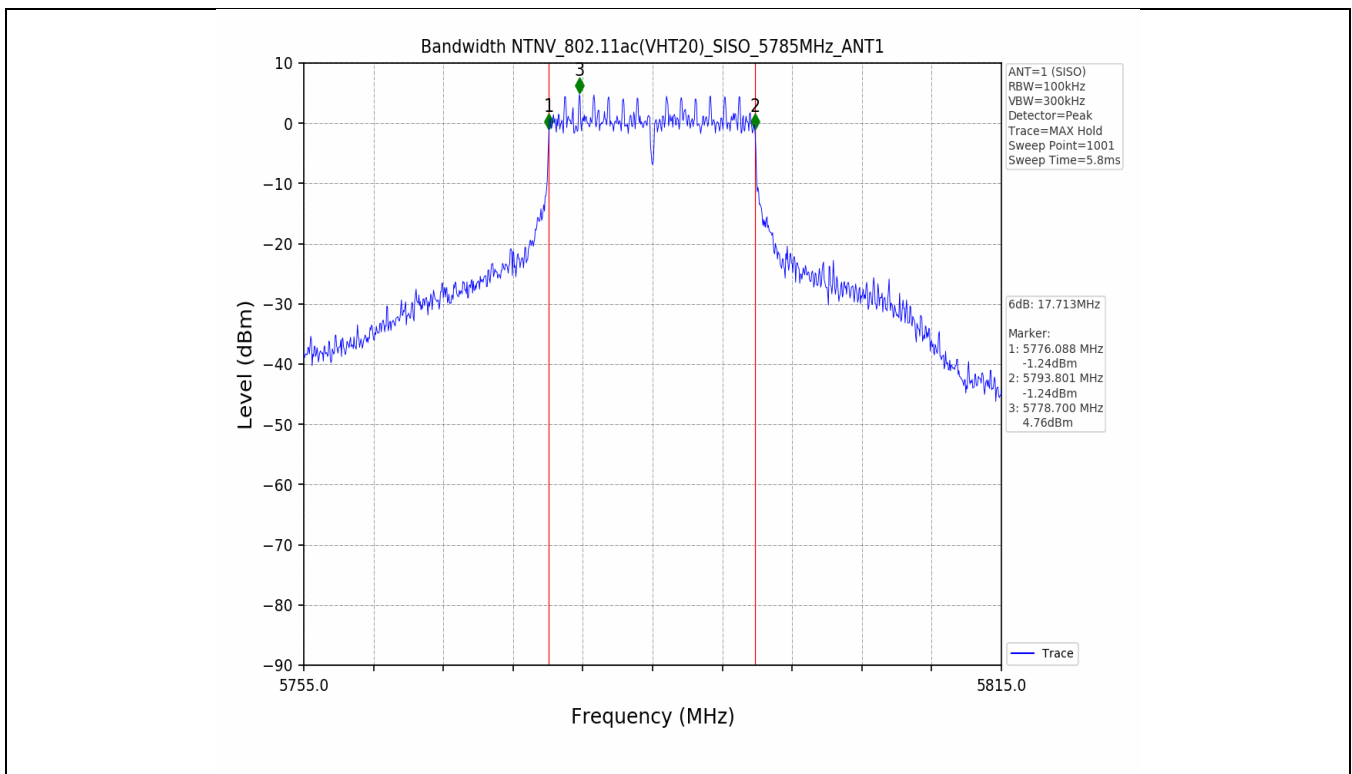
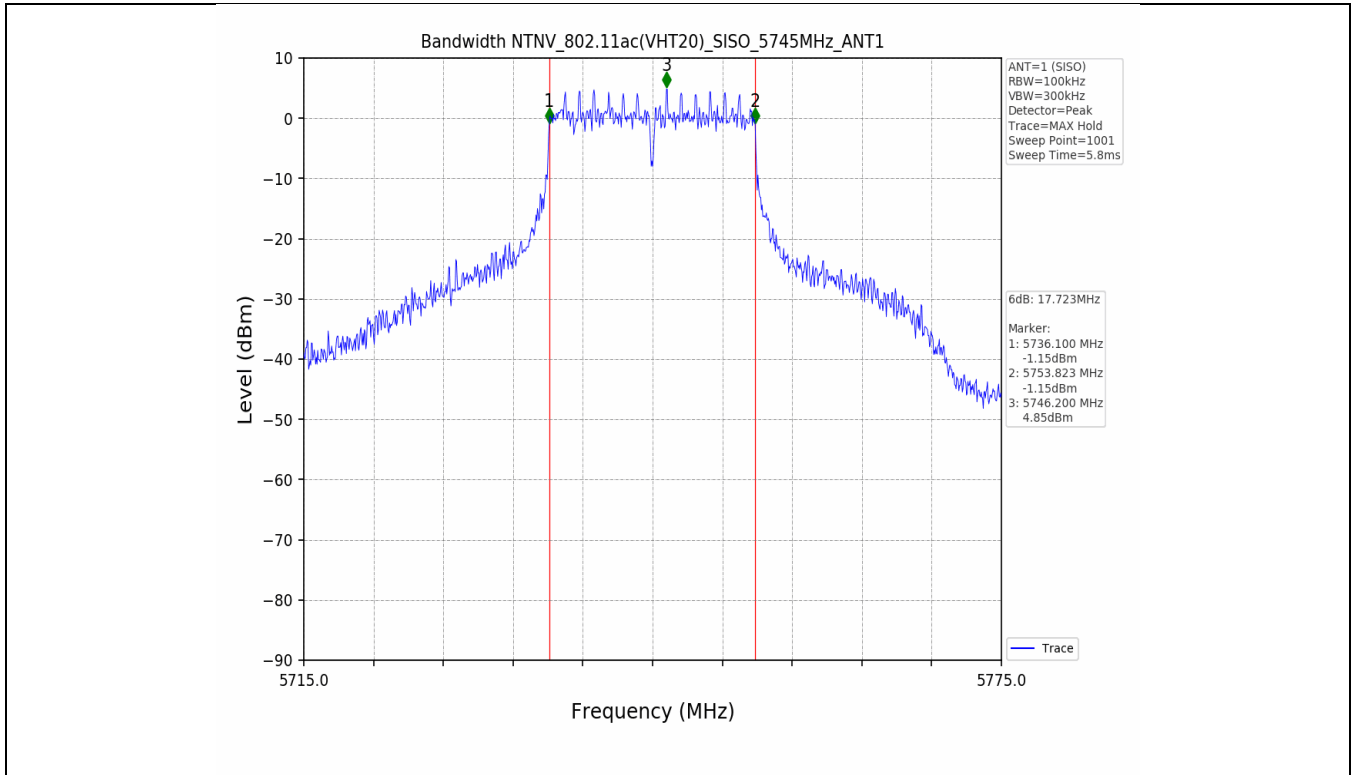
## 2.2 Test Graph - Emission Bandwidth

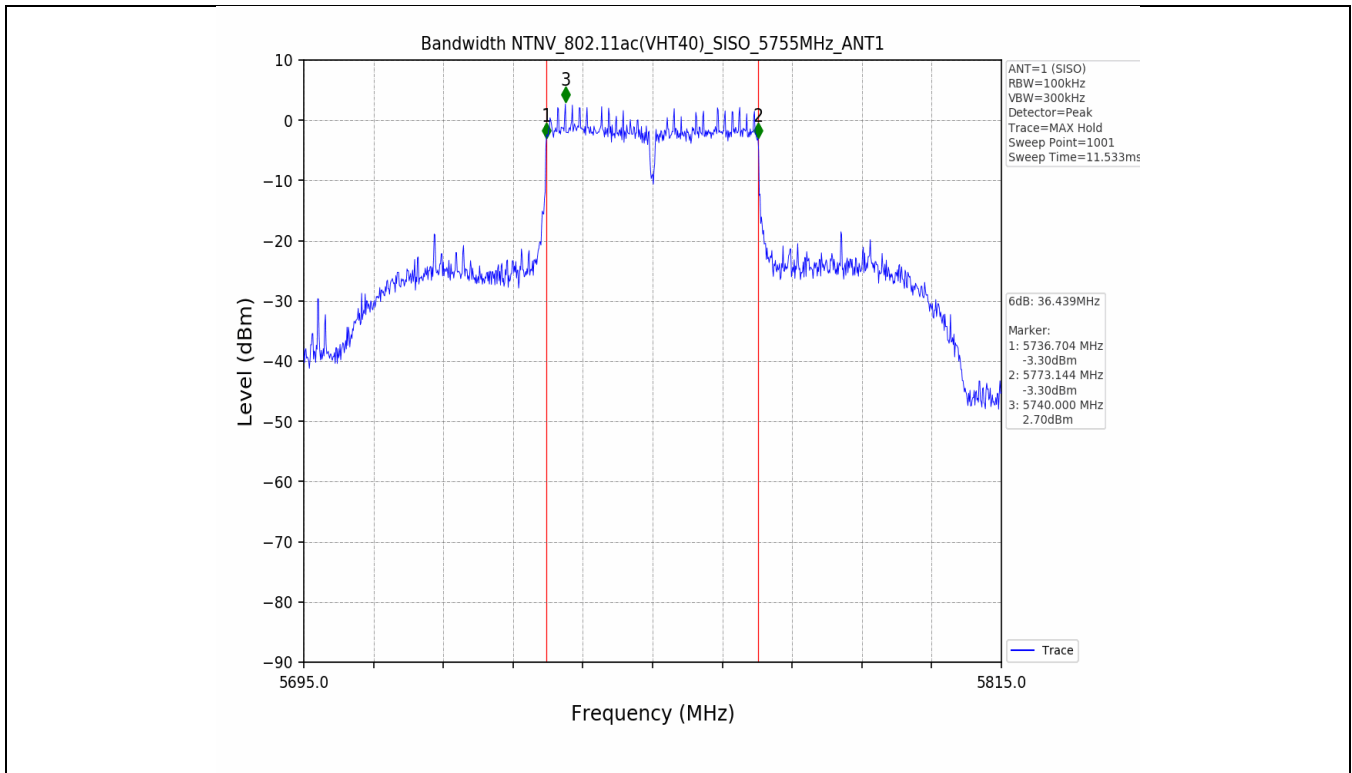
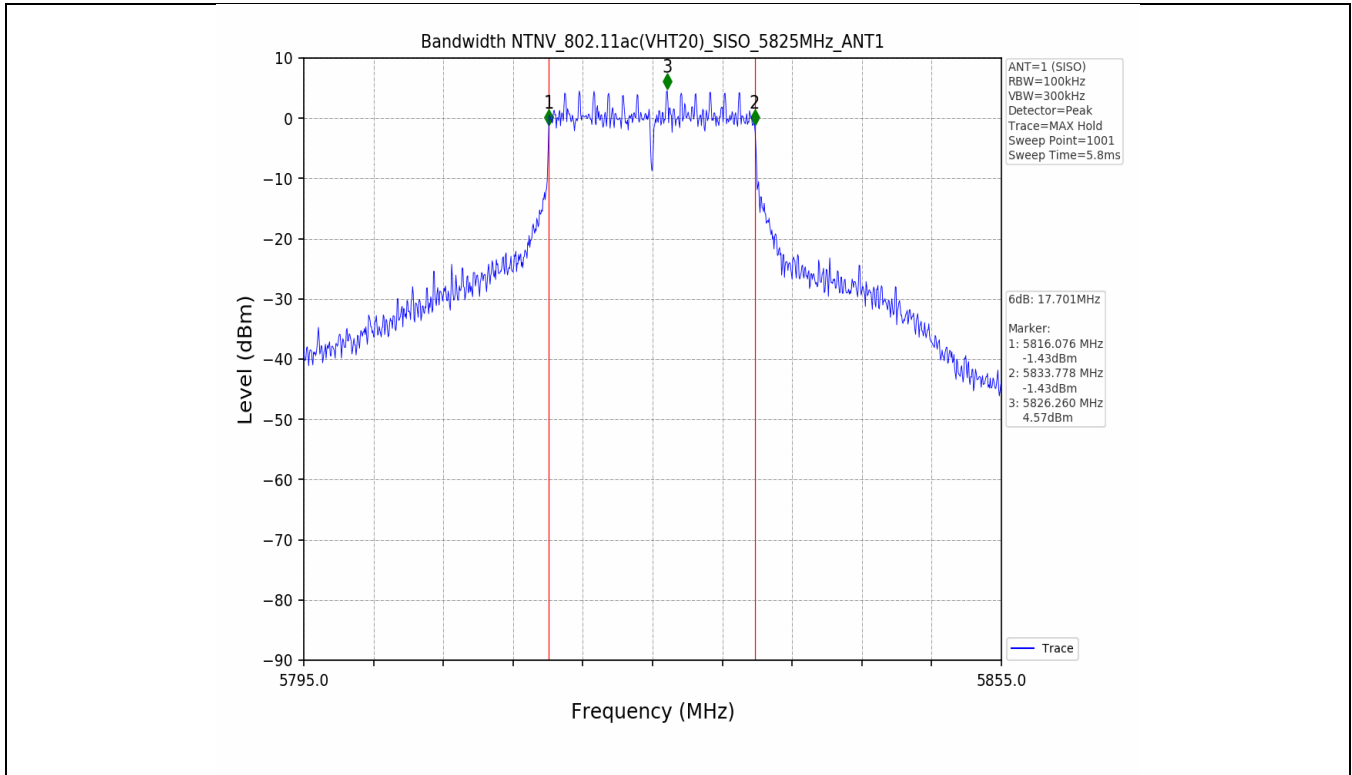


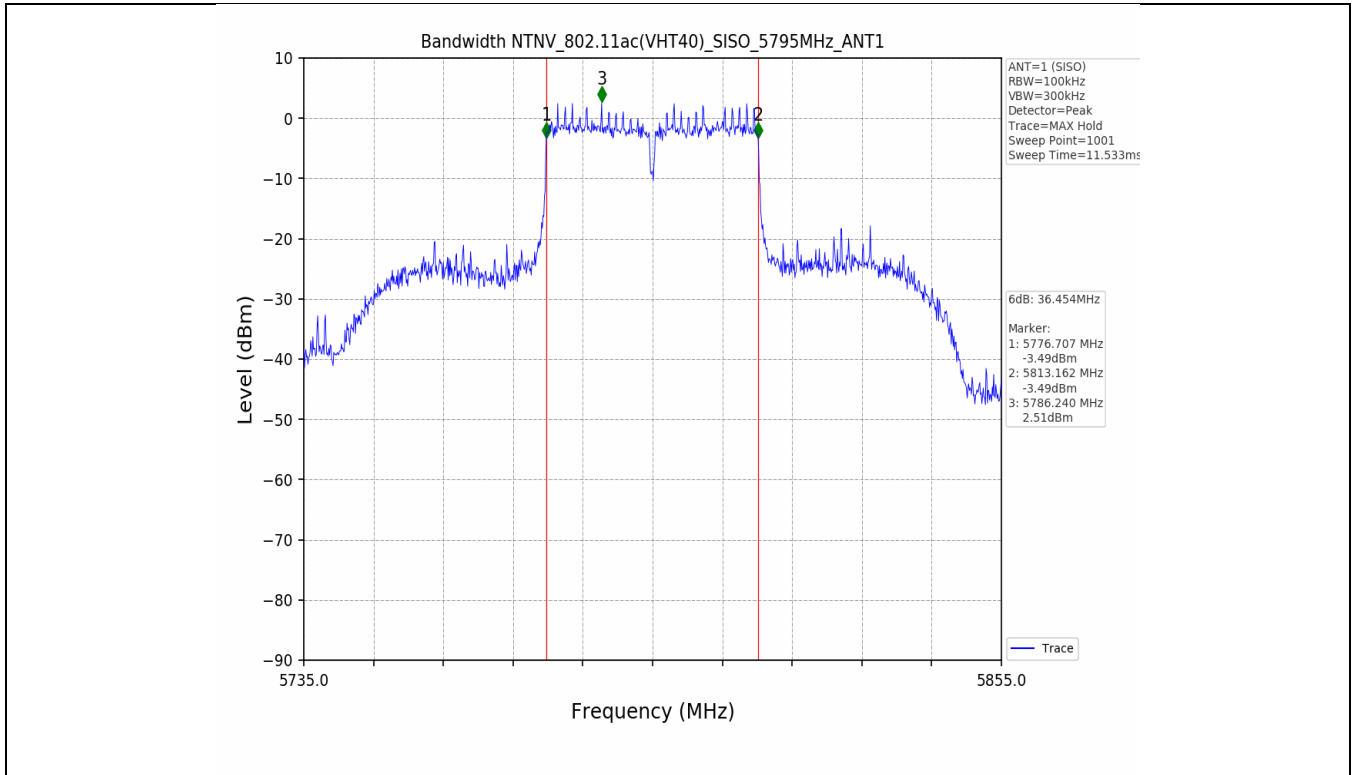






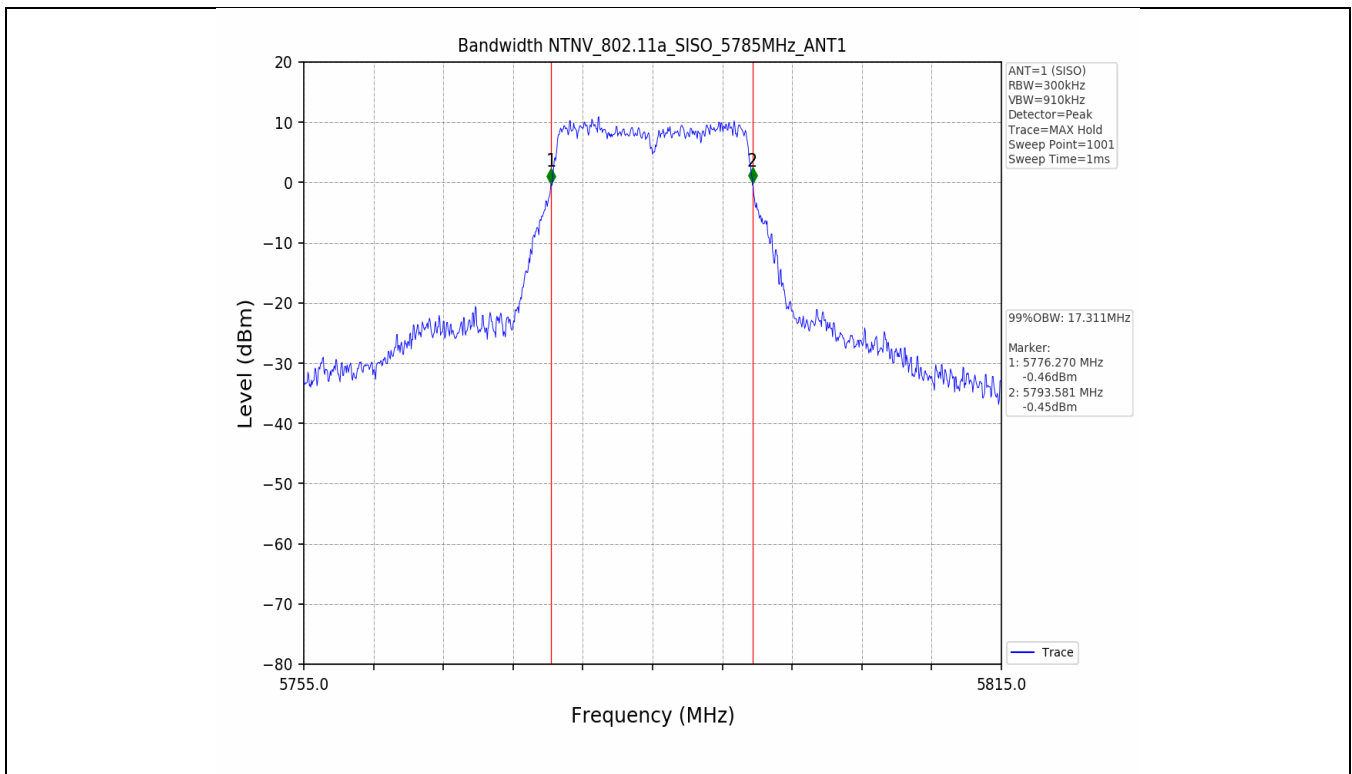
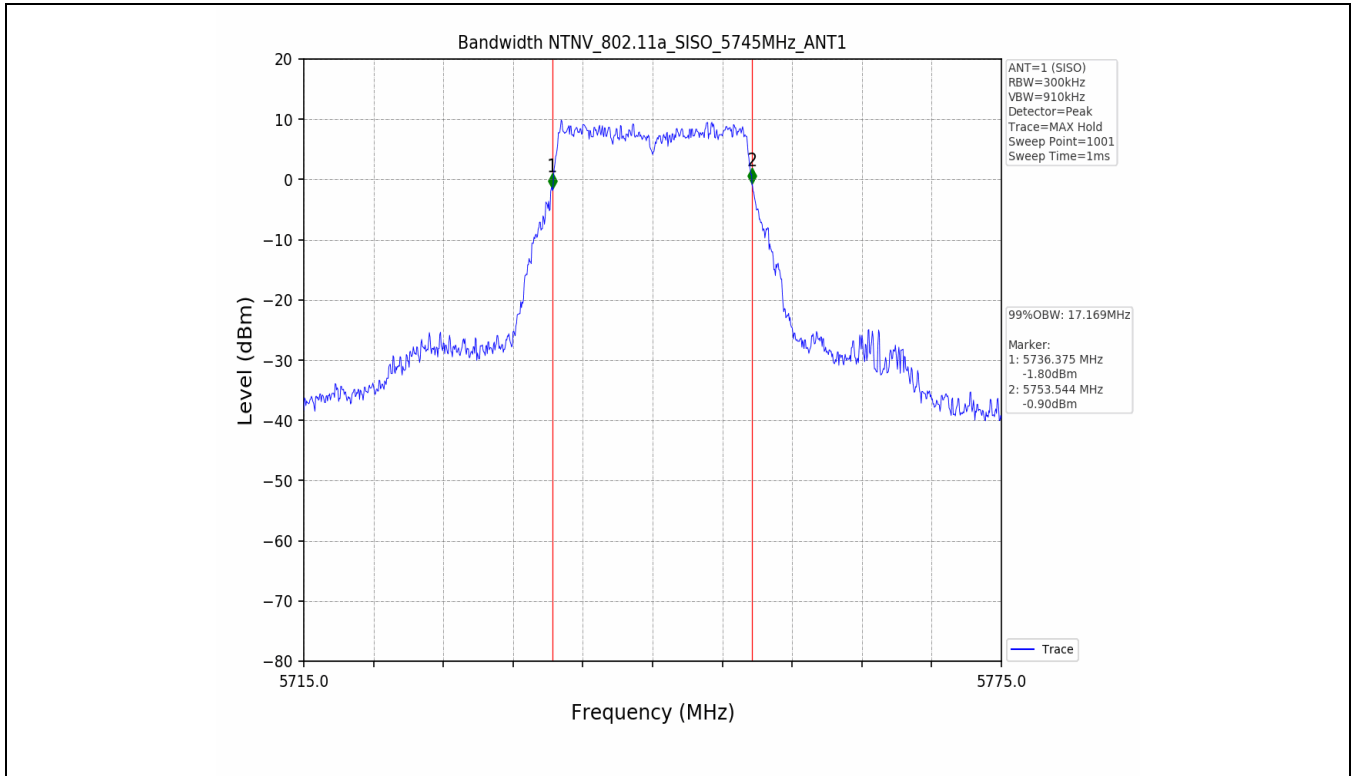


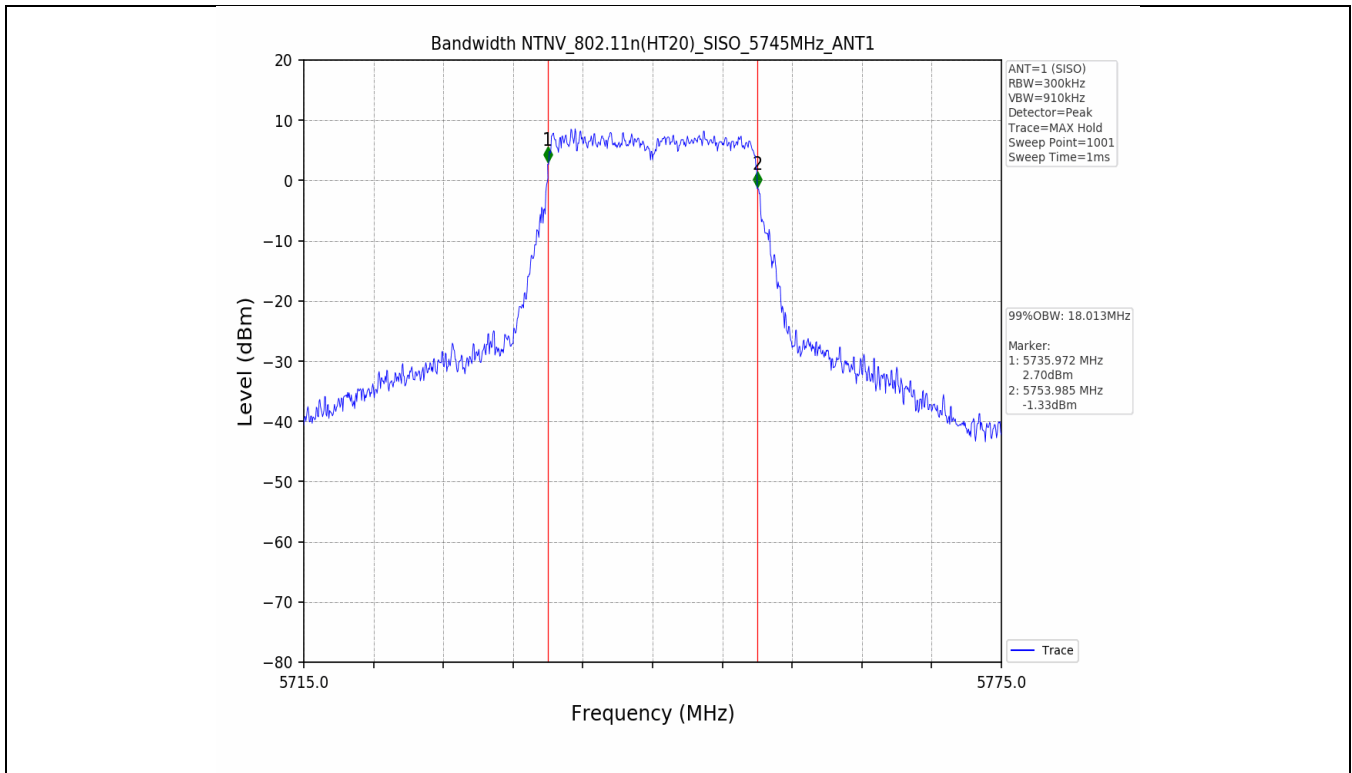
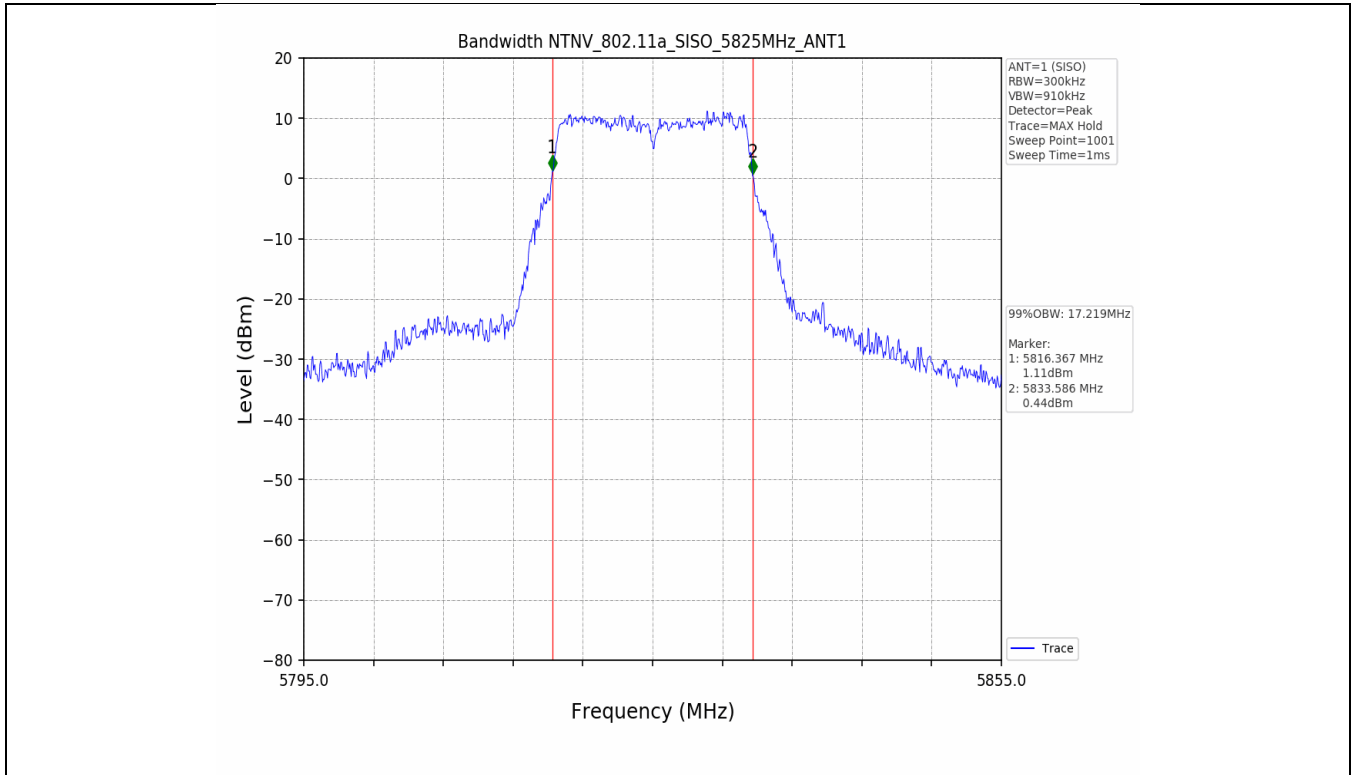


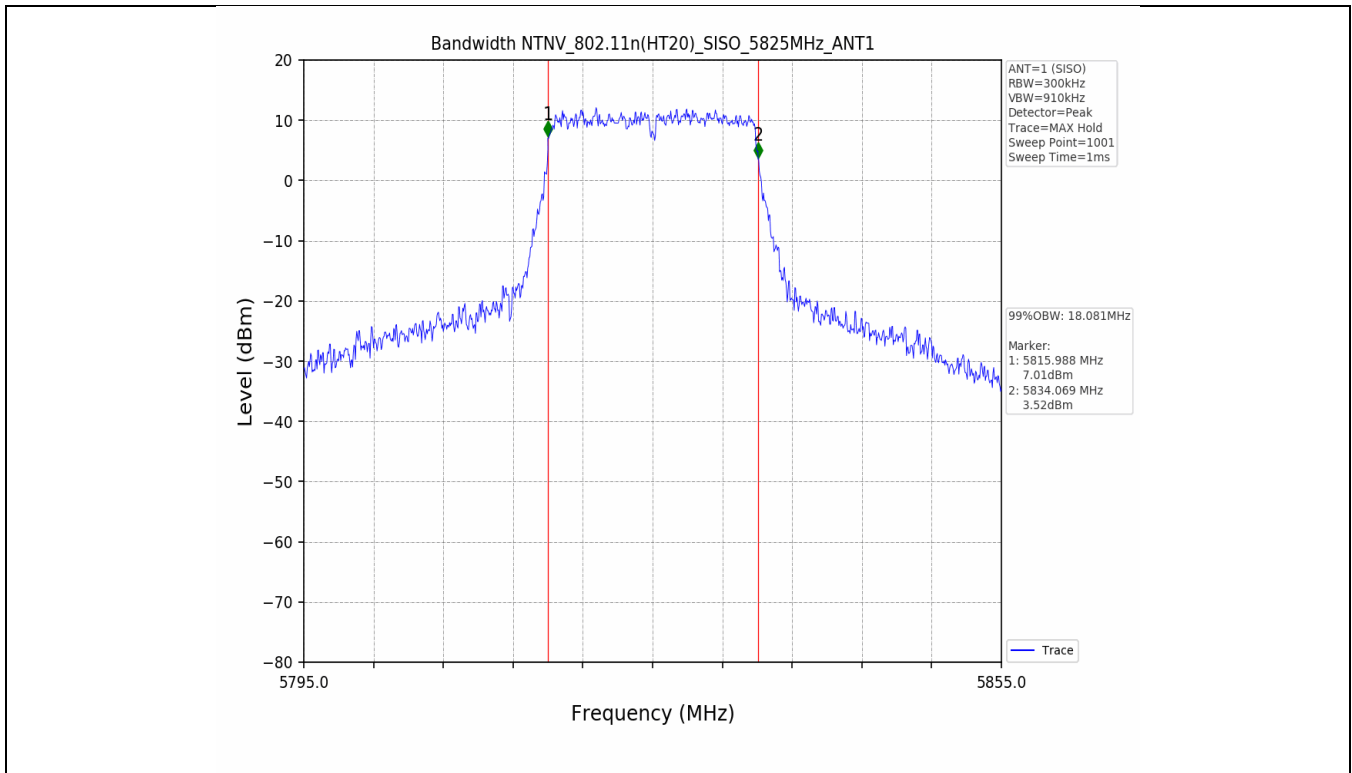
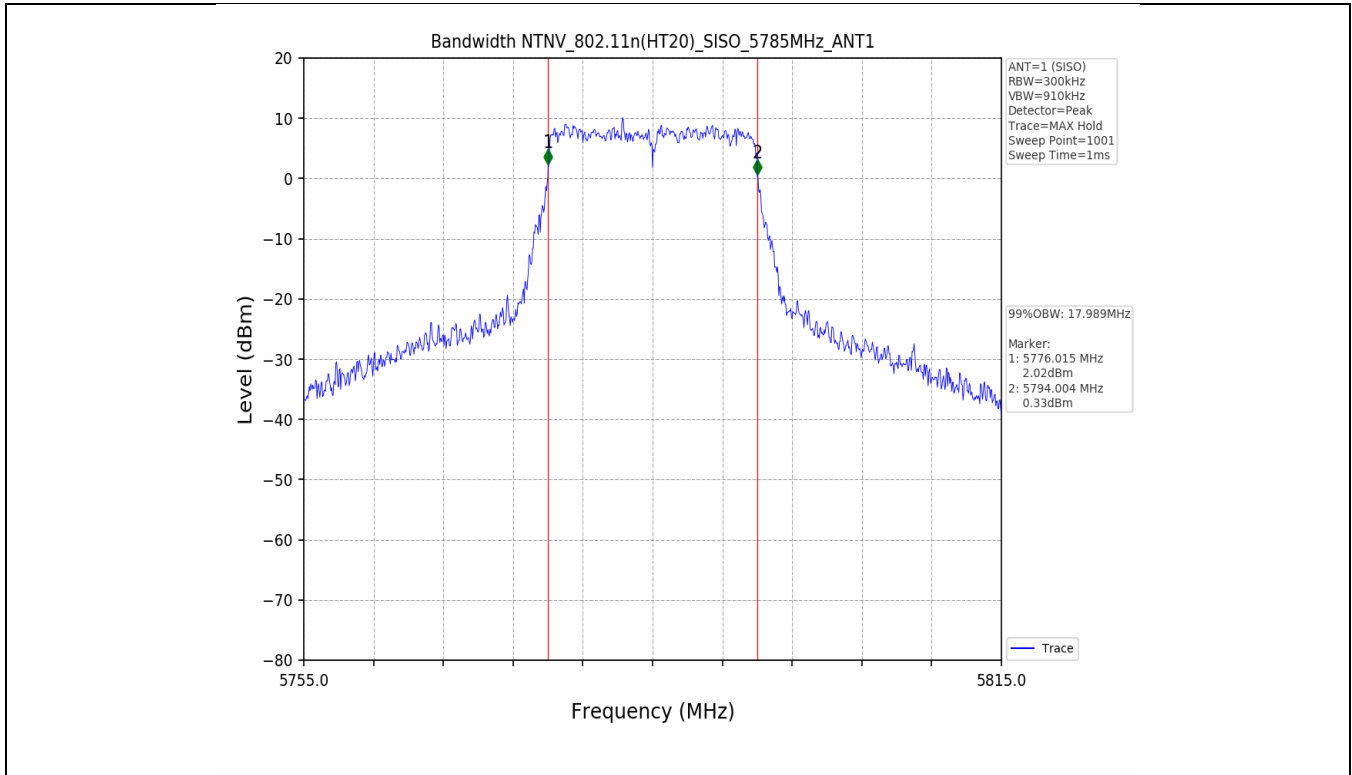


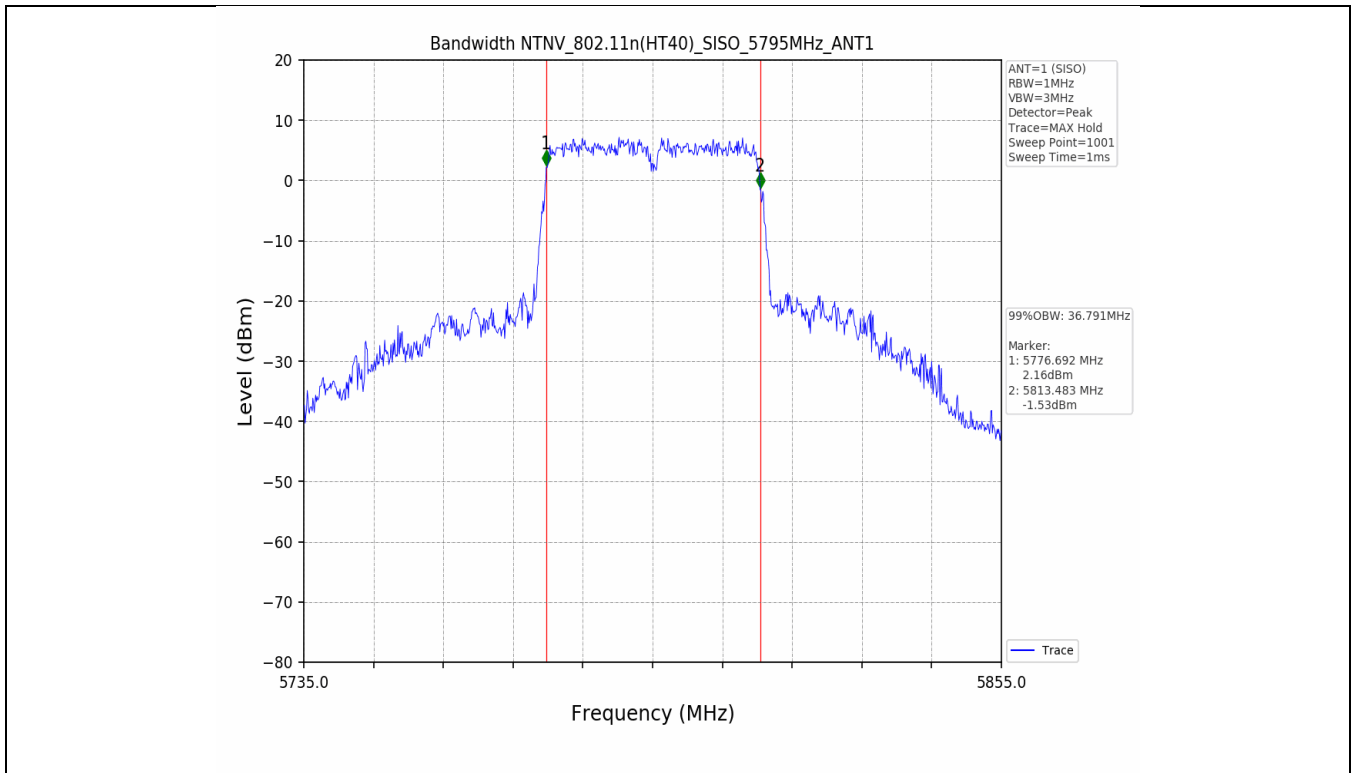
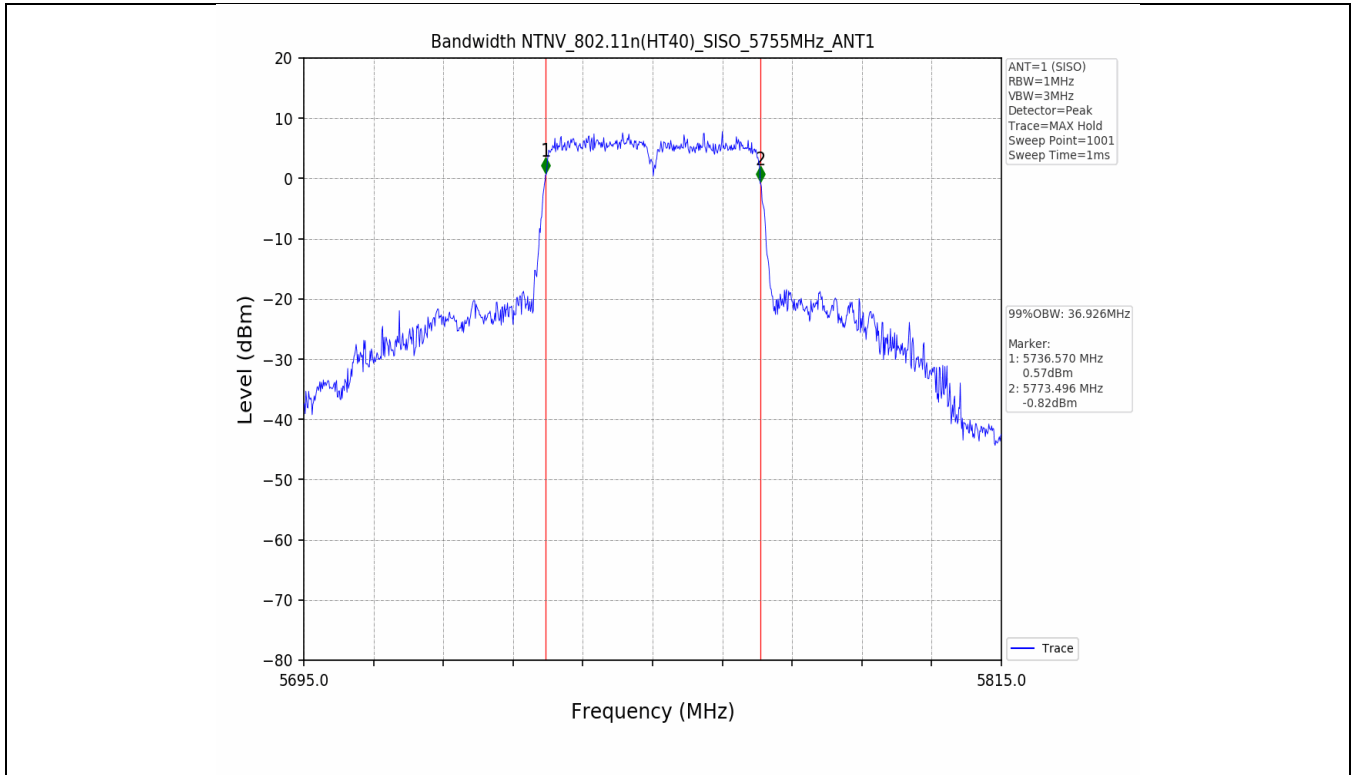


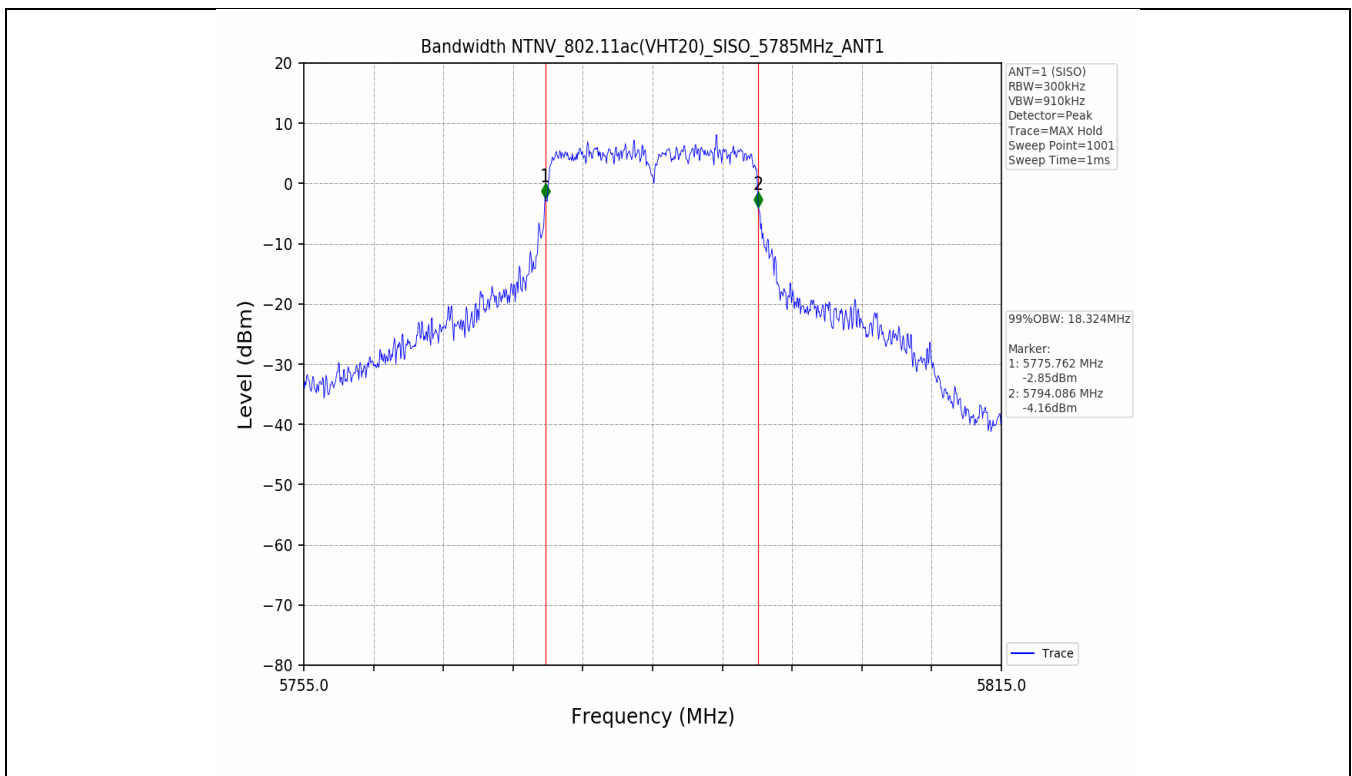
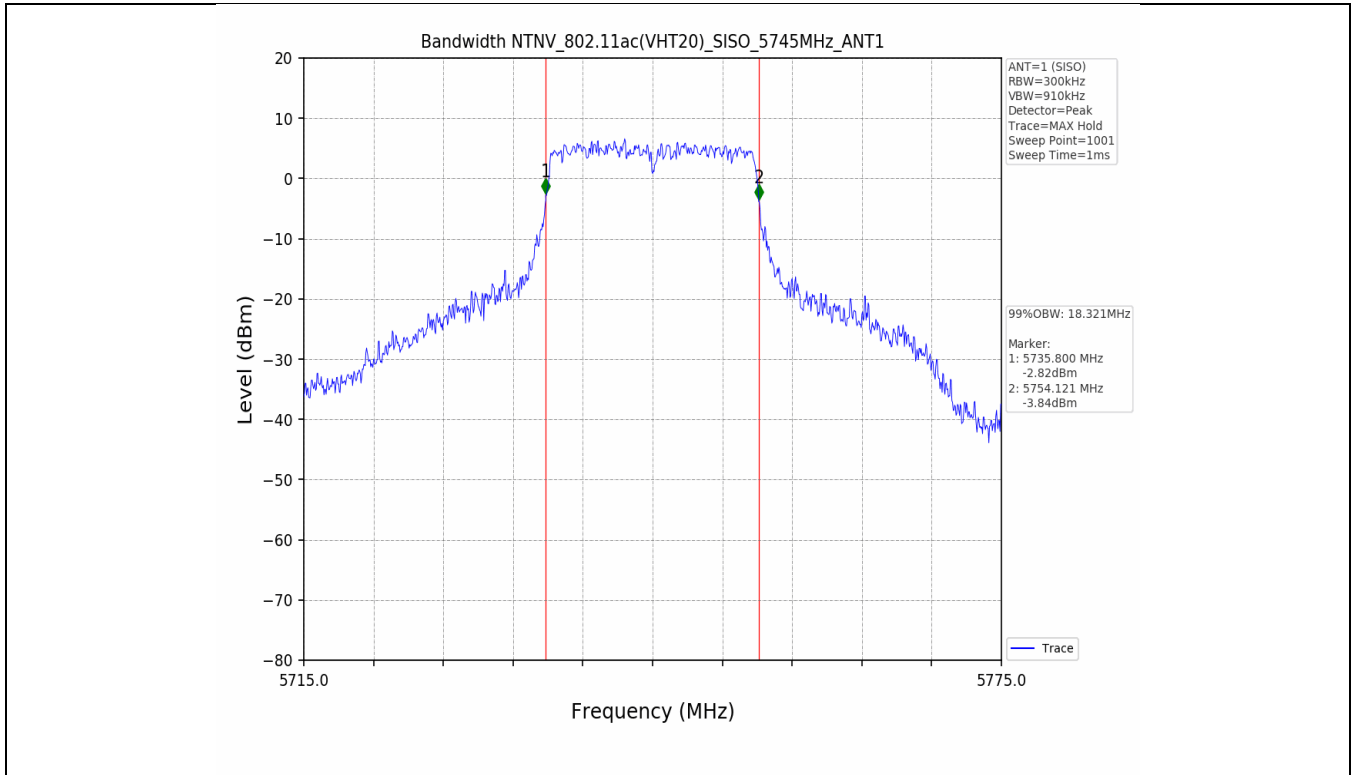
## 2.3 Test Graph - 99% Occupied Bandwidth

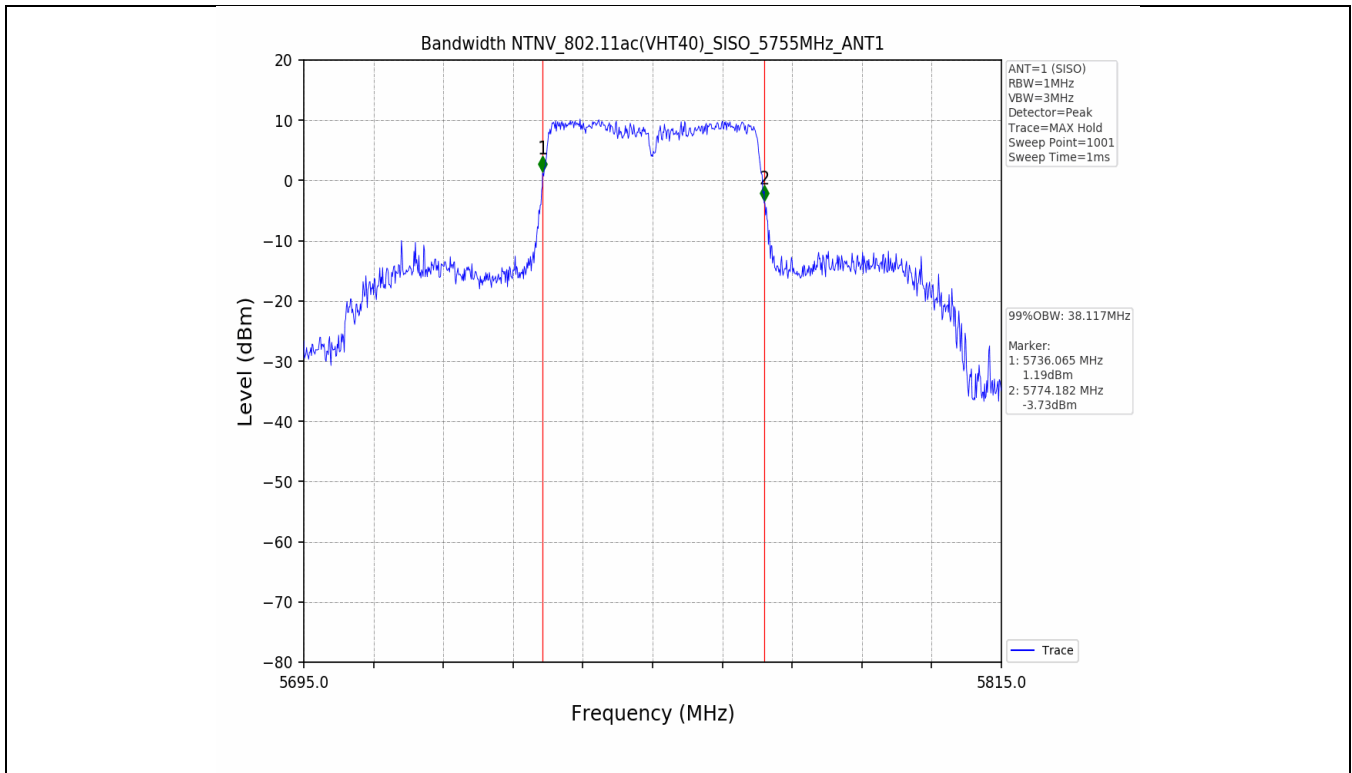
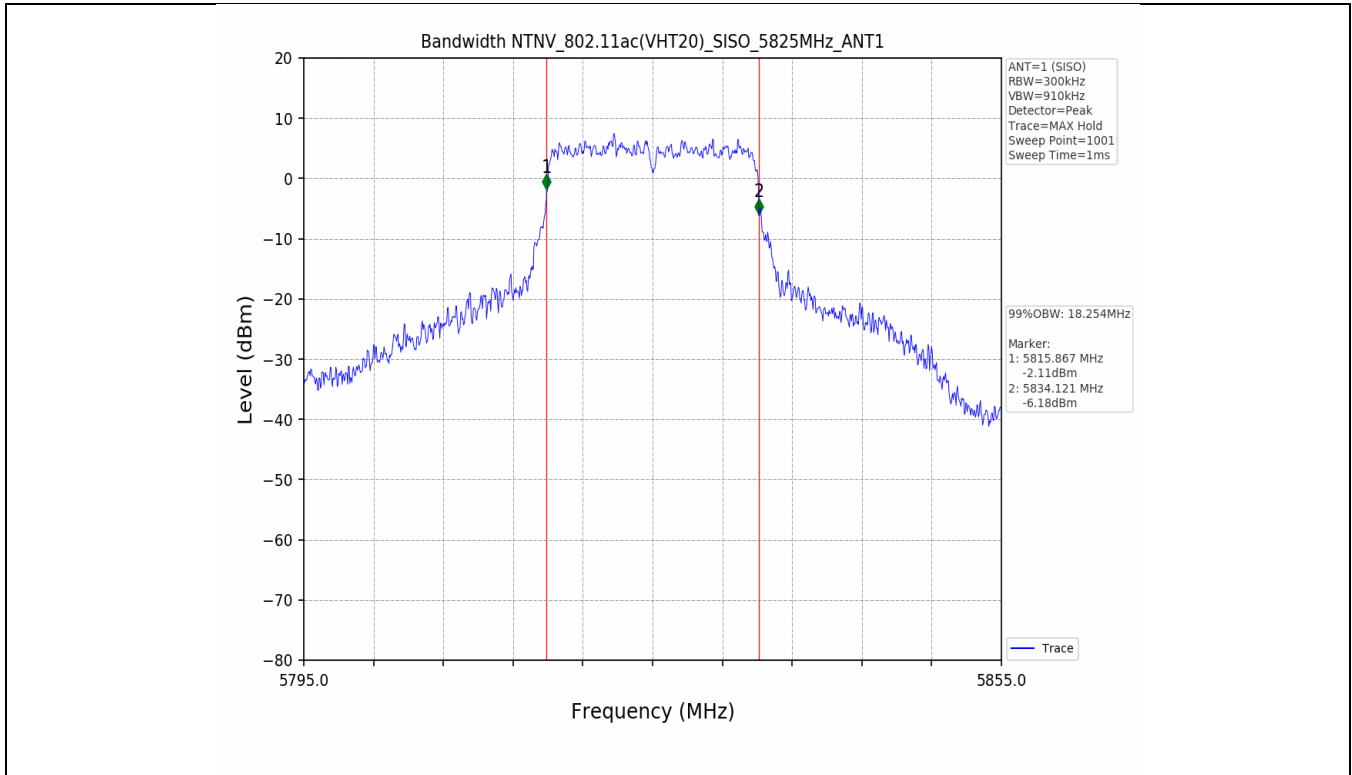


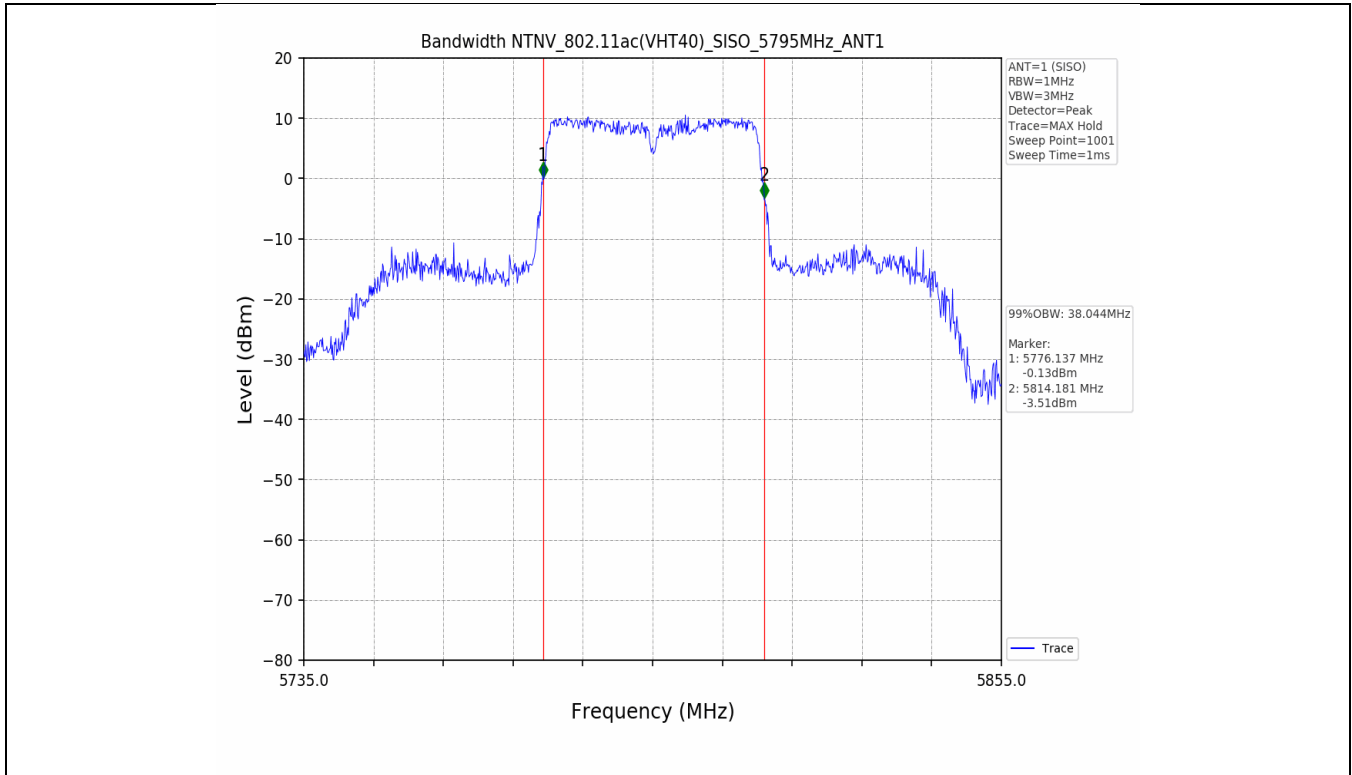












### 3. Maximum Conducted Output Power

#### 3.1 Test Result

Test Mode	Frequency (MHz)	Tx Type	Measured Output Power (dBm)	Limit (dBm)	Verdict
			Ant 1		
802.11a	5745	SISO	18.13	≤30.00	PASS
	5785	SISO	19.14	≤30.00	PASS
	5825	SISO	19.79	≤30.00	PASS
802.11n(HT20)	5745	SISO	15.42	≤30.00	PASS
	5785	SISO	16.26	≤30.00	PASS
	5825	SISO	18.96	≤30.00	PASS
802.11n(HT40)	5755	SISO	10.29	≤30.00	PASS
	5795	SISO	10.64	≤30.00	PASS
802.11ac(VHT20)	5745	SISO	13.67	≤30.00	PASS
	5785	SISO	13.78	≤30.00	PASS
	5825	SISO	13.53	≤30.00	PASS
802.11ac(VHT40)	5755	SISO	16.19	≤30.00	PASS
	5795	SISO	16.33	≤30.00	PASS



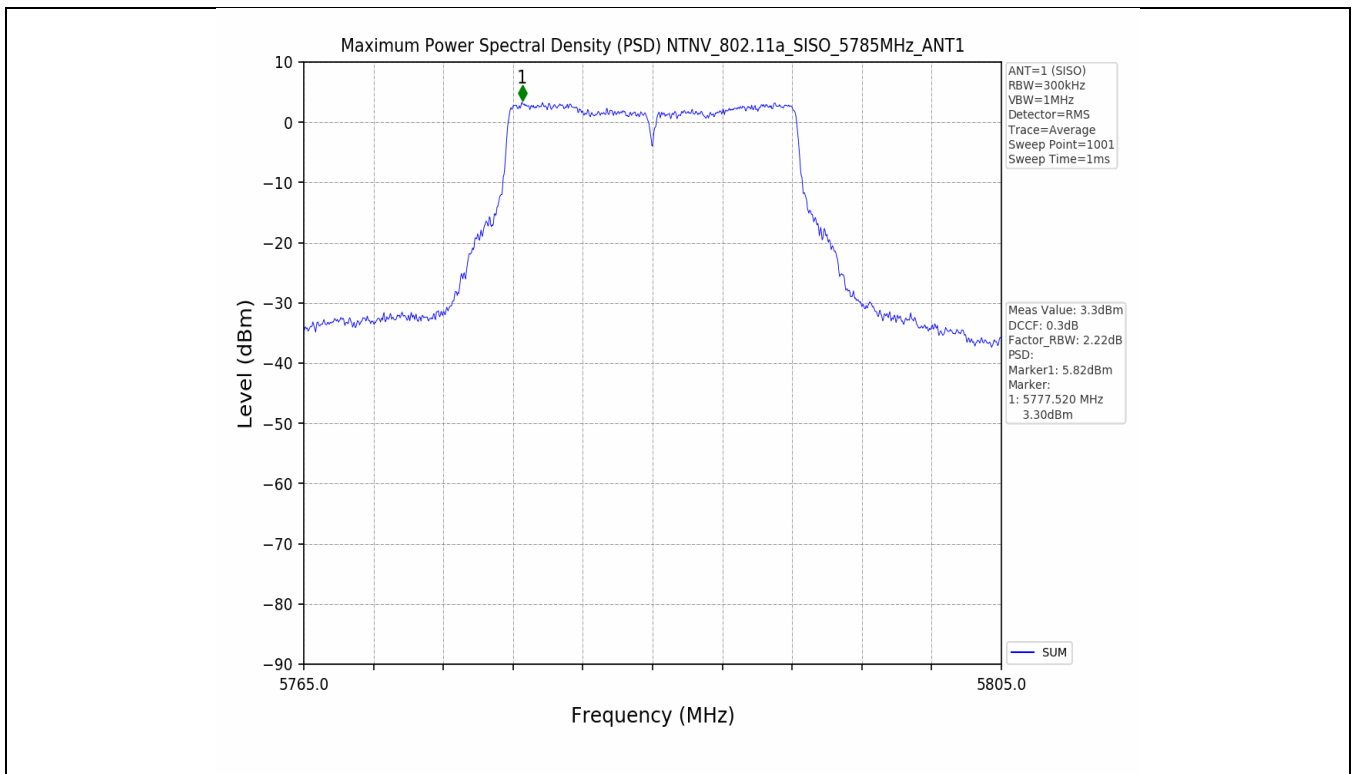
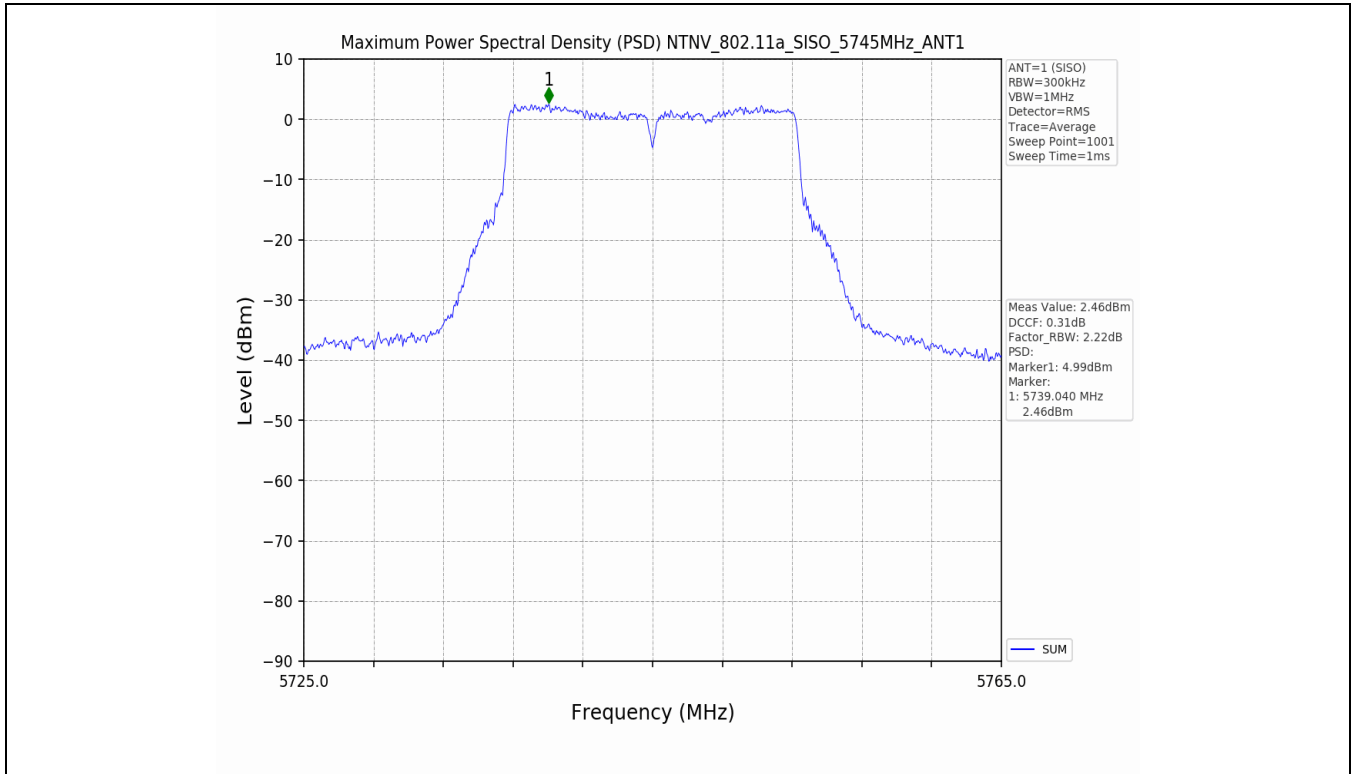
## 4. Maximum Power Spectral Density (PSD)

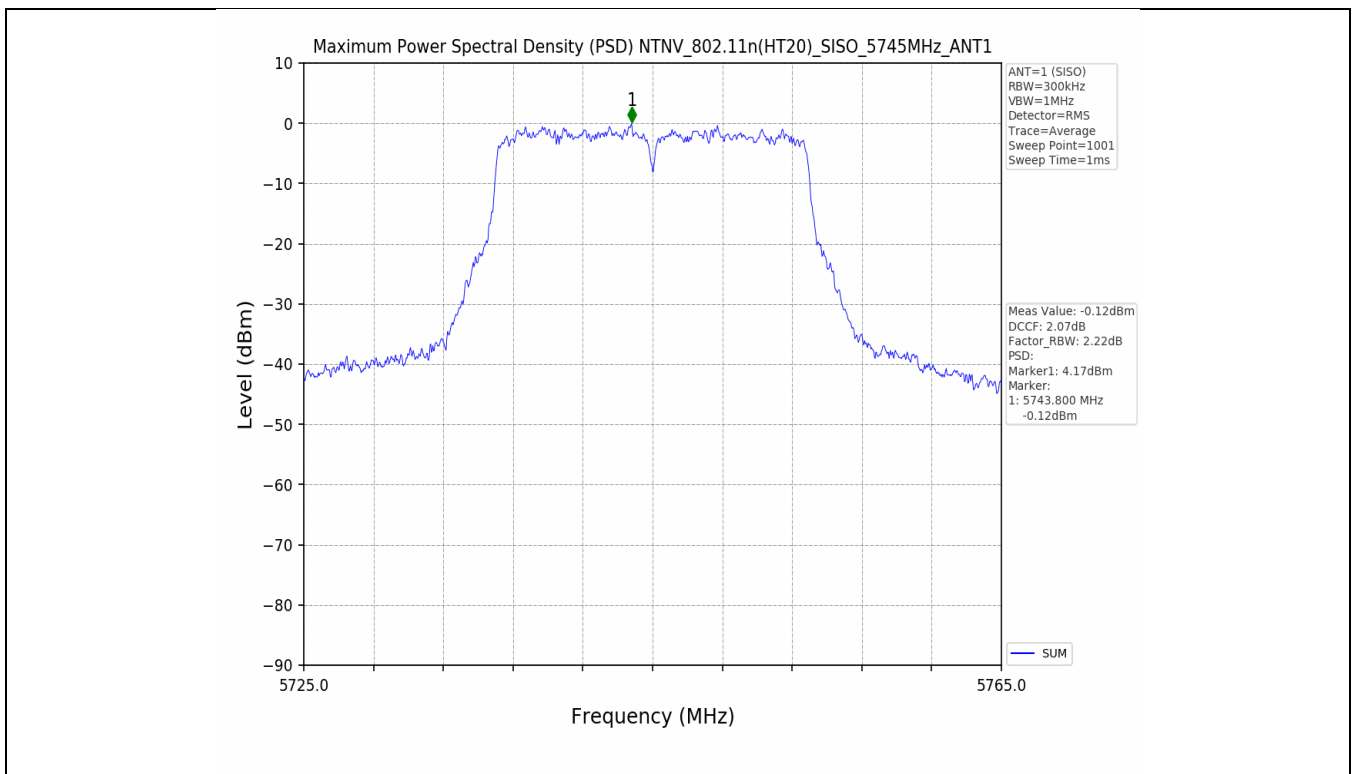
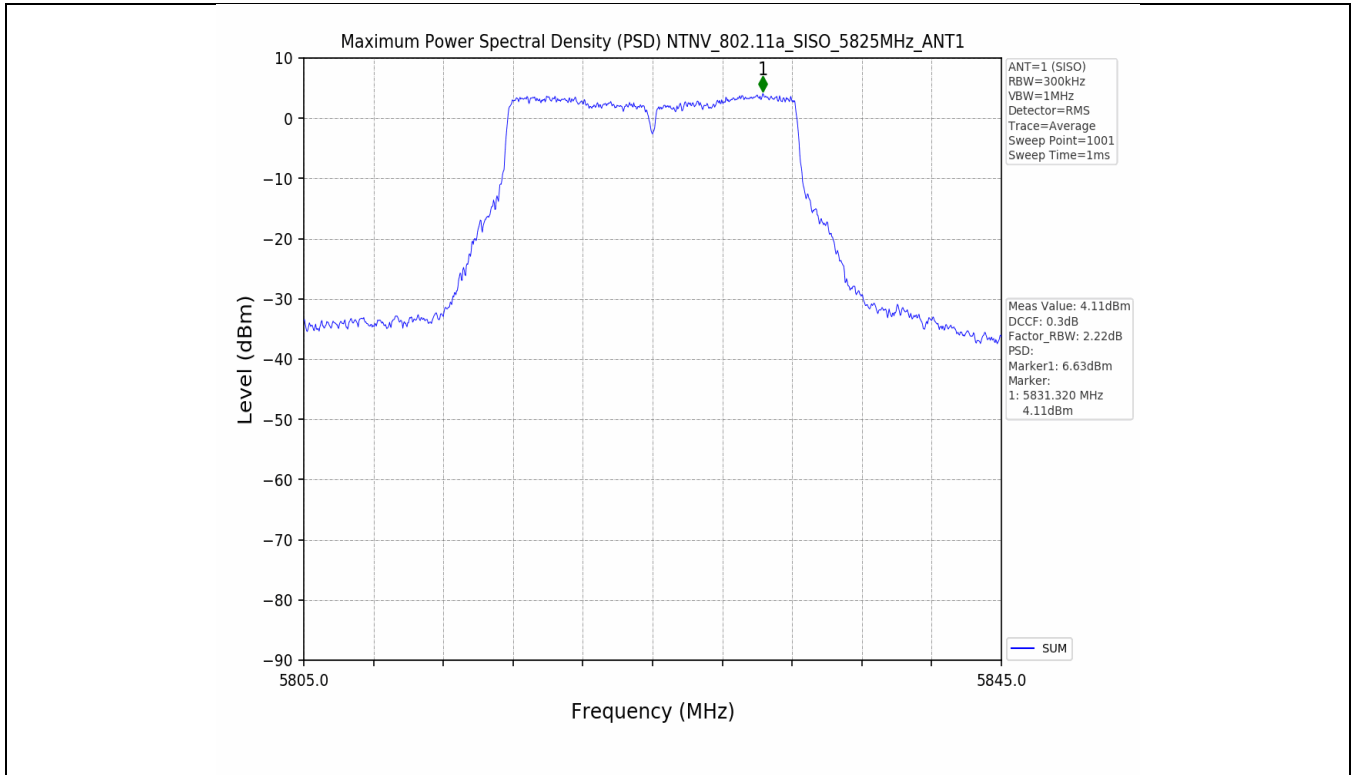
### 4.1 Test Result

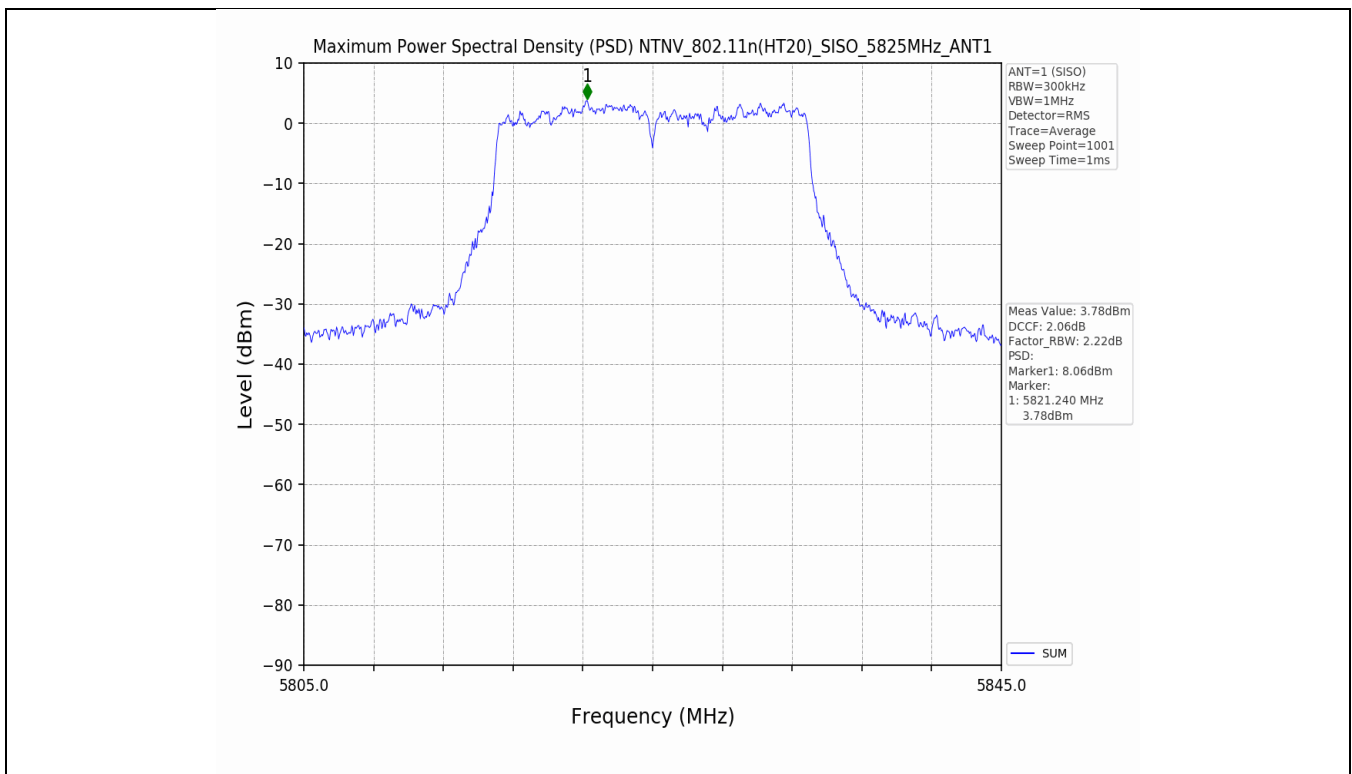
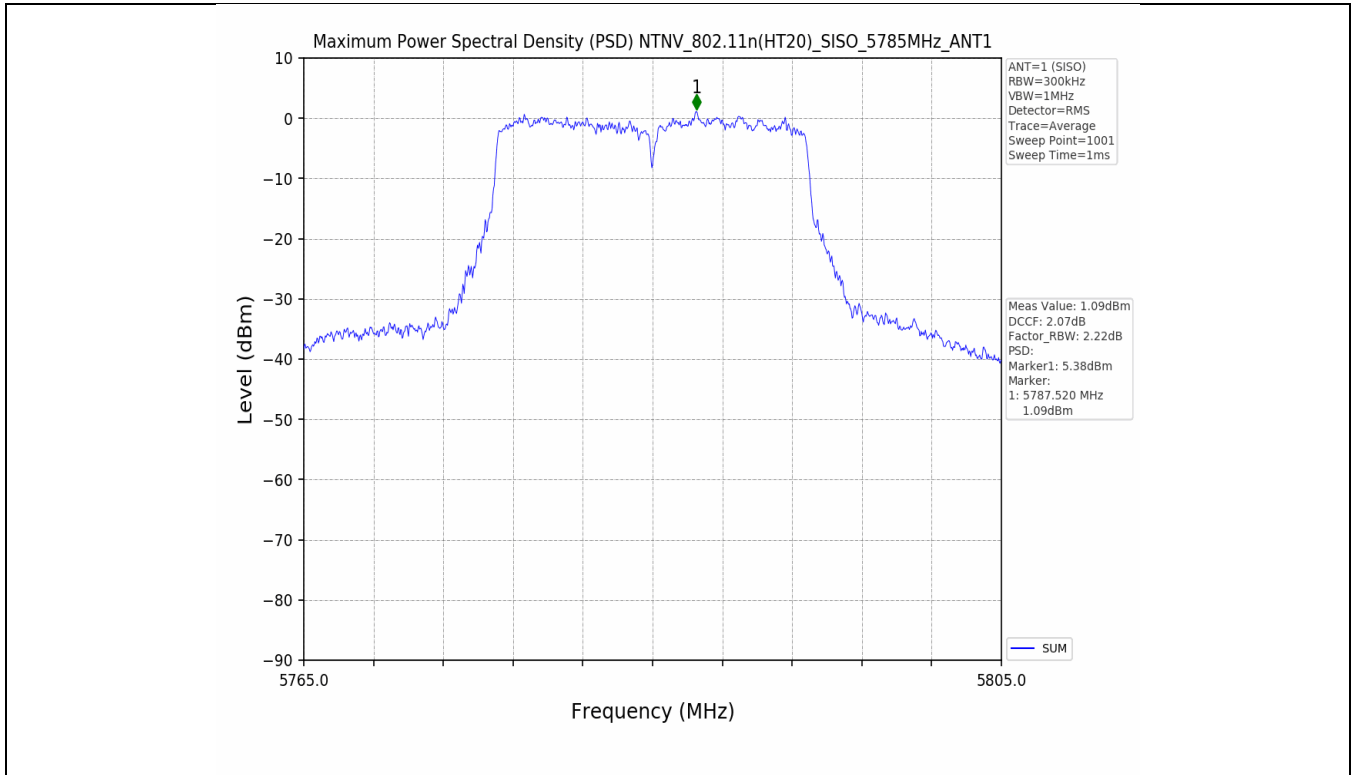
Test Mode	Frequency (MHz)	Tx Type	Maximum Power Spectral Density (dBm/500kHz)	Limits (dBm/500kHz)	Verdict
			Ant 1		
802.11a	5745	SISO	4.99	≤30	PASS
	5785	SISO	5.82	≤30	PASS
	5825	SISO	6.63	≤30	PASS
802.11n(HT20)	5745	SISO	4.17	≤30	PASS
	5785	SISO	5.38	≤30	PASS
	5825	SISO	8.06	≤30	PASS
802.11n(HT40)	5755	SISO	-2.68	≤30	PASS
	5795	SISO	-1.72	≤30	PASS
802.11ac(VHT20)	5745	SISO	3.23	≤30	PASS
	5785	SISO	2.78	≤30	PASS
	5825	SISO	2.87	≤30	PASS
802.11ac(VHT40)	5755	SISO	-0.08	≤30	PASS
	5795	SISO	-0.42	≤30	PASS

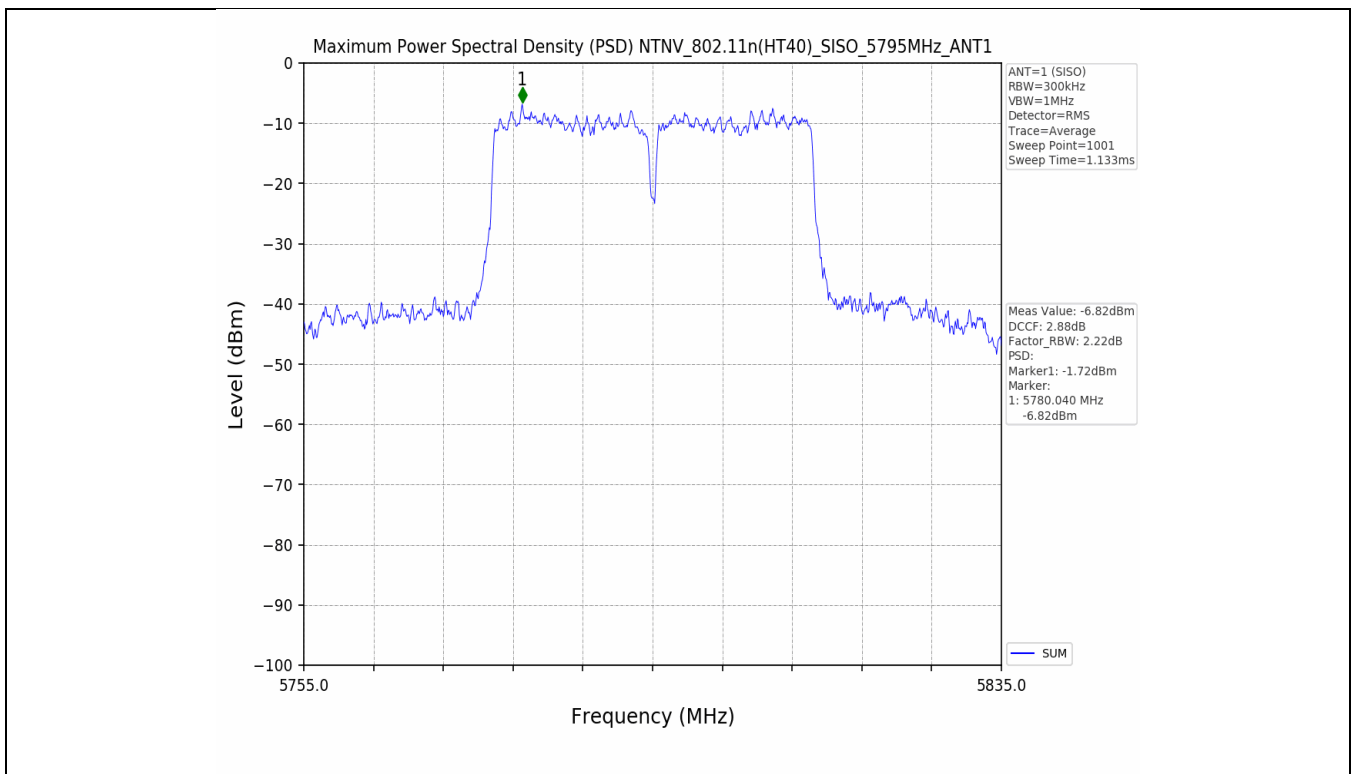
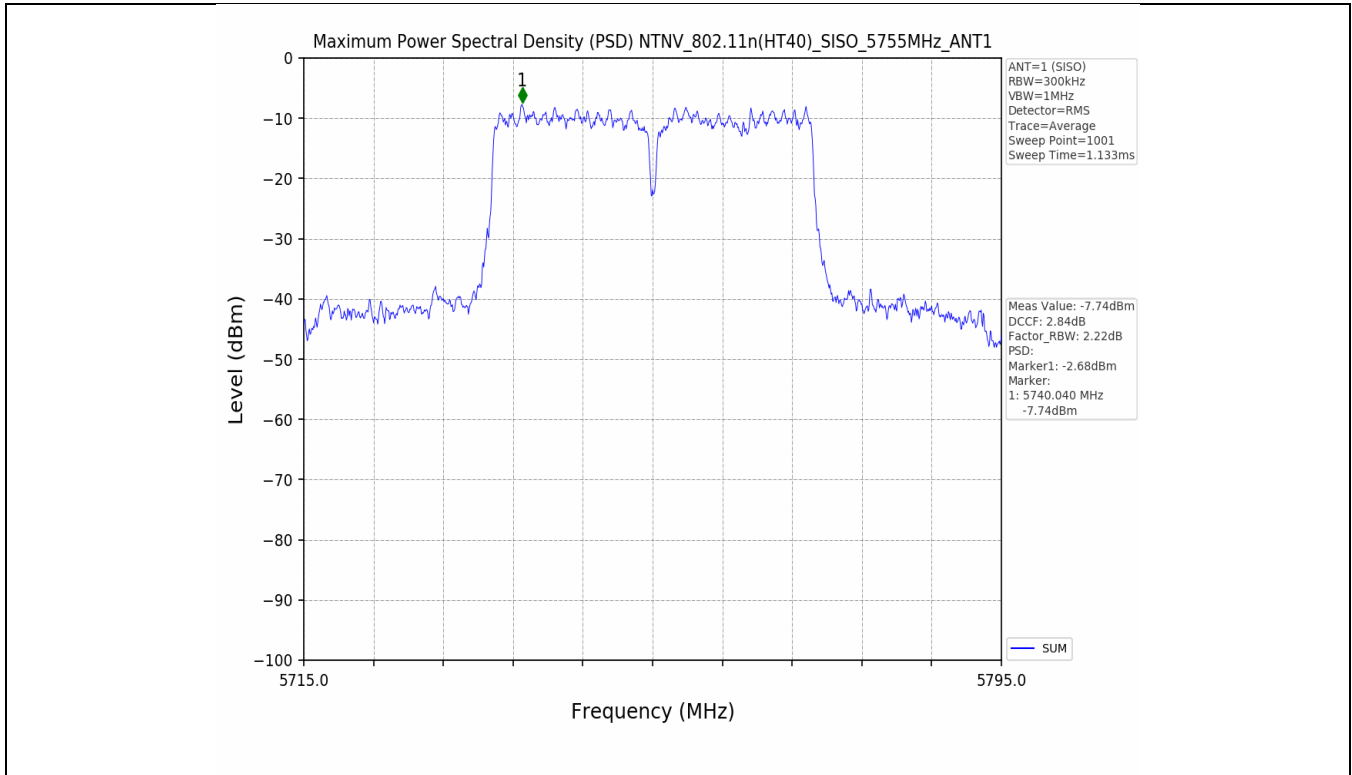
Note : 1.TheDuty Factor and RBW Factor( $10\log(500\text{kHz}/\text{RBW})$ )iscompensatedinthegraph.

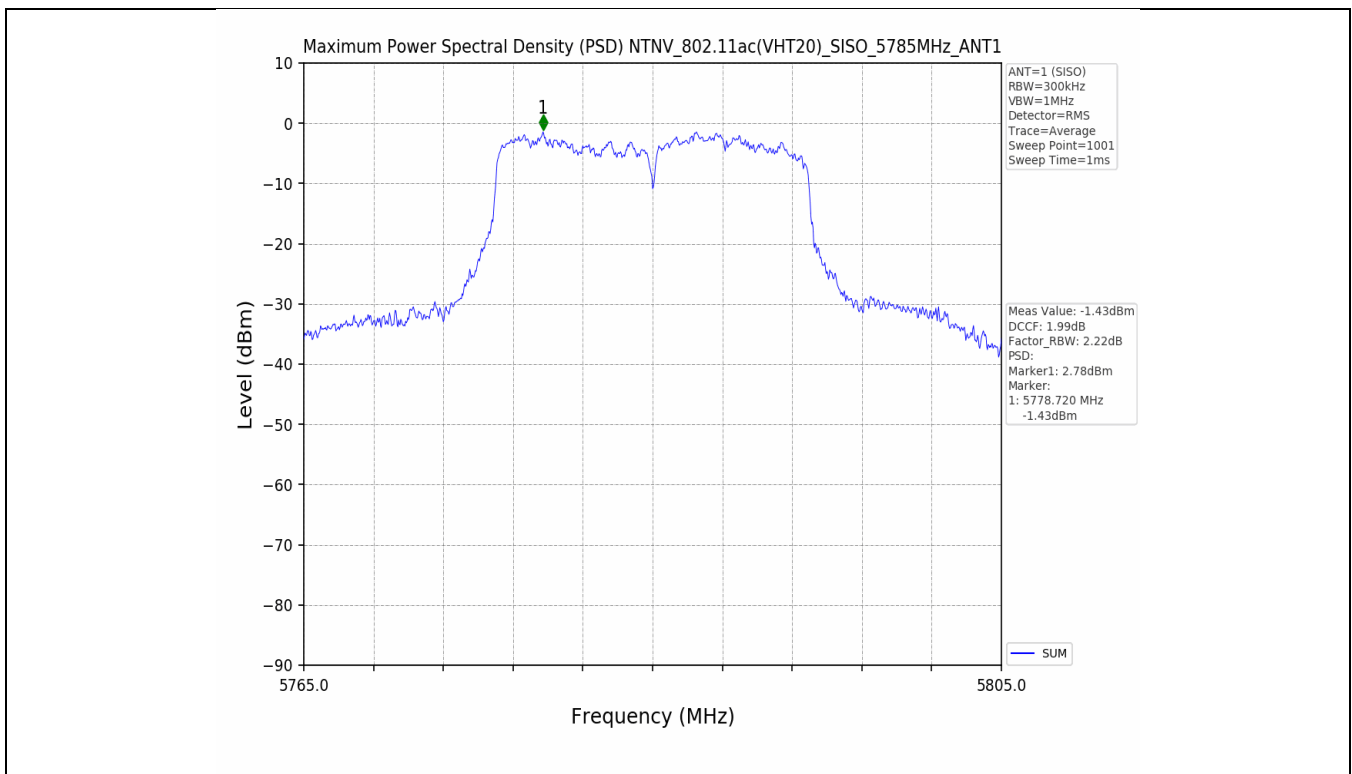
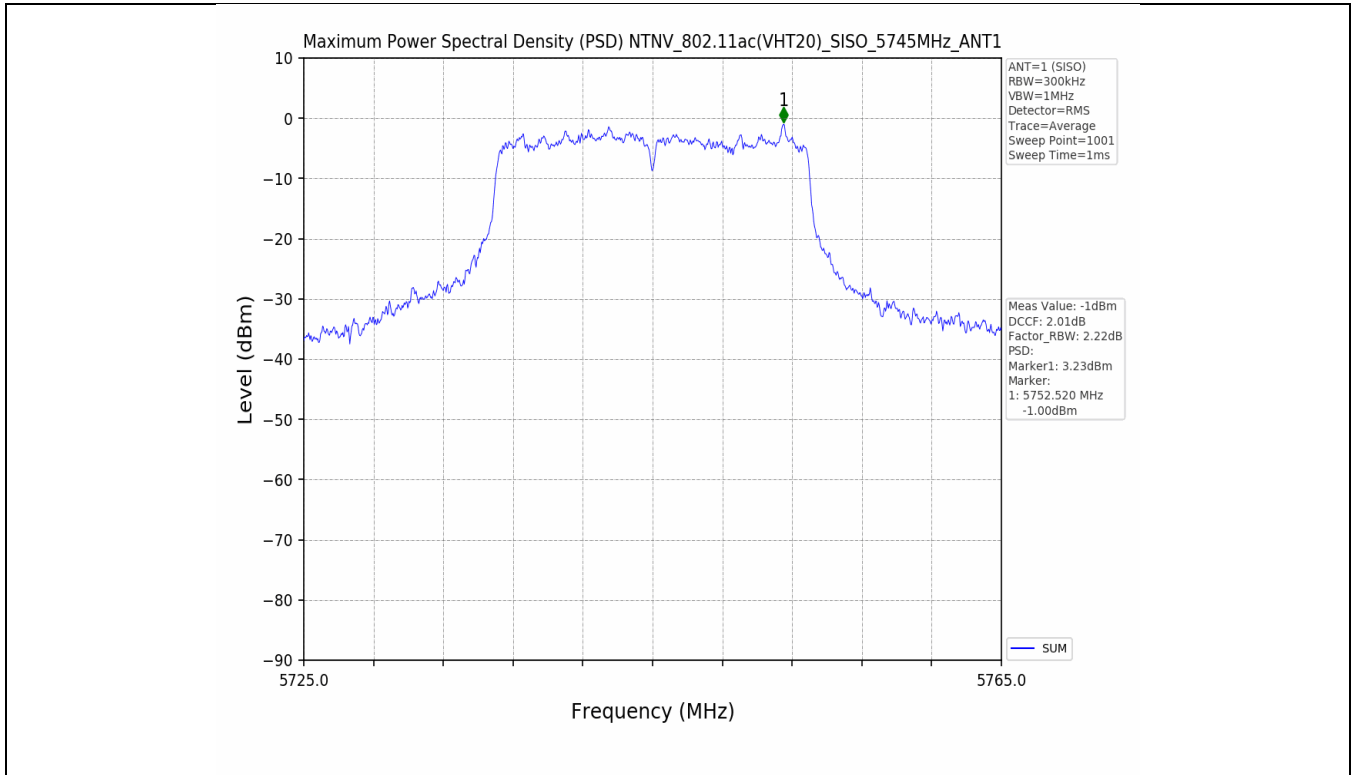
## 4.2 Test Graph

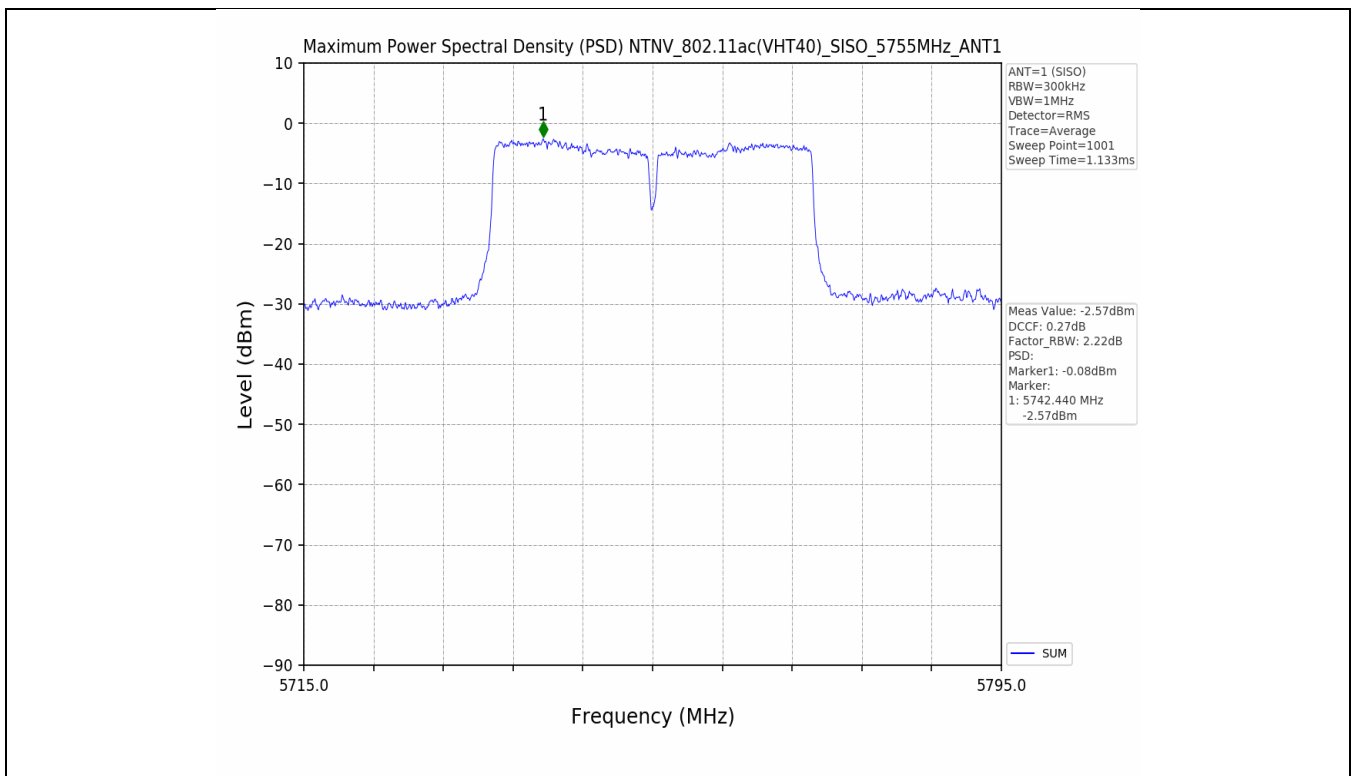
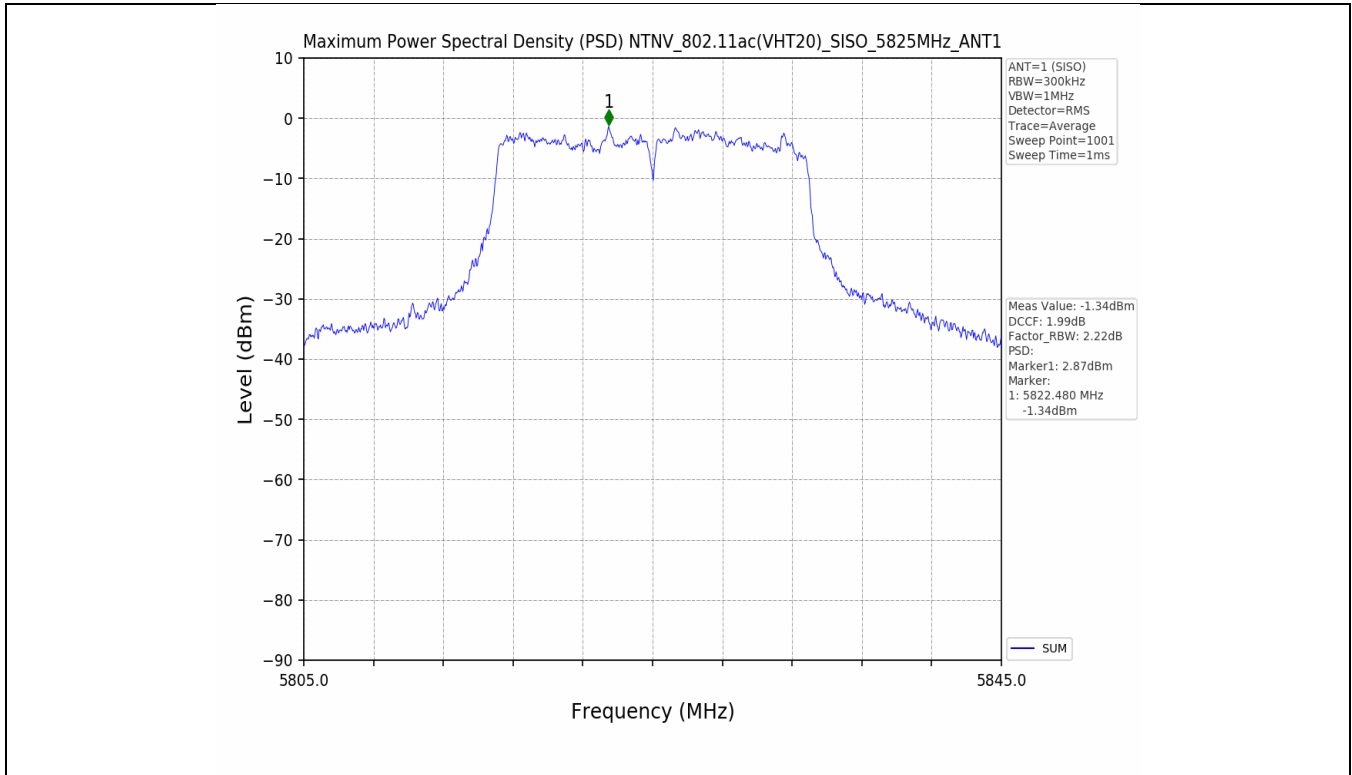


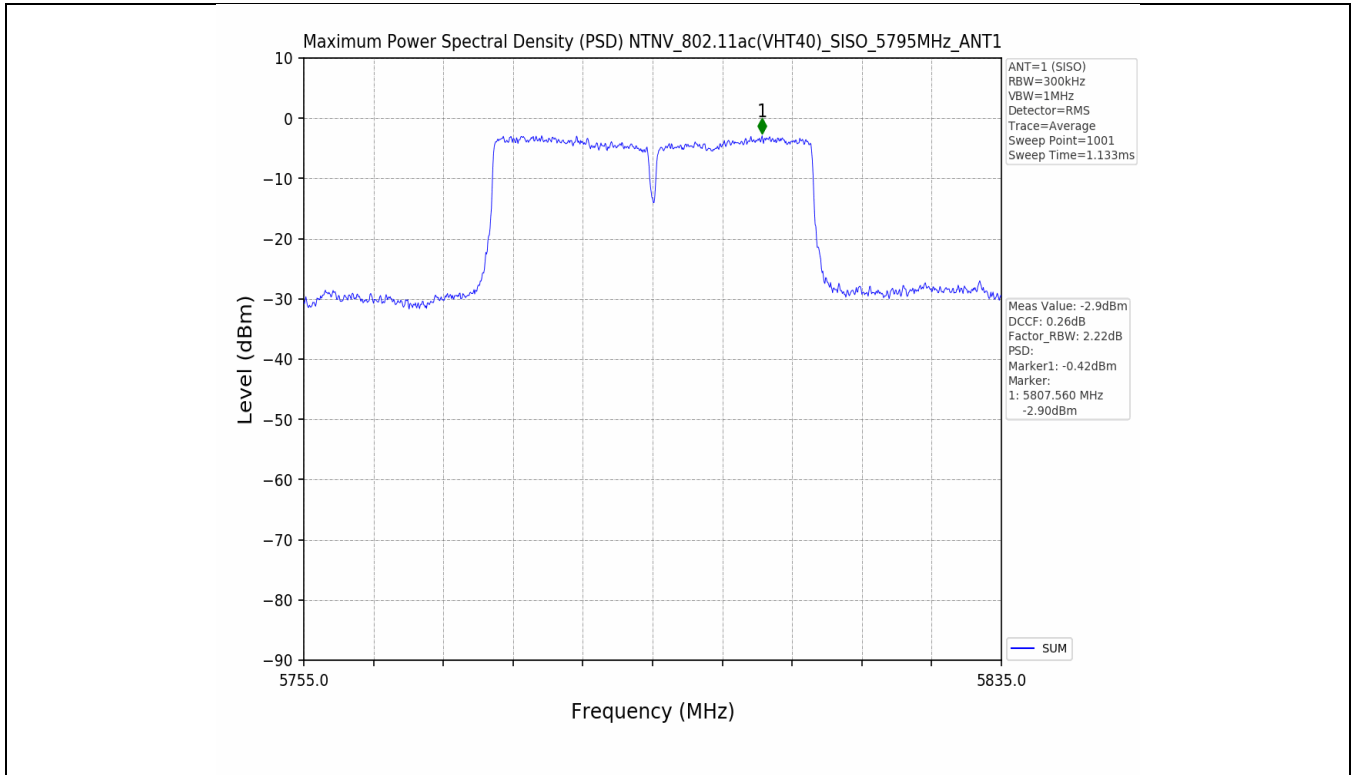












## 5. Frequency Stability

### 5.1 Test Result

Test Condition	Test Mode	Test Frequency [MHz]	Ant	Result [ppm]	Limit [ppm]	Verdict
NTNV	Carrier	5745	1	-10.44	<=20	PASS
		5785	1	-10.37	<=20	PASS
		5825	1	-10.3	<=20	PASS
		5755	1	-6.95	<=20	PASS
		5795	1	-6.9	<=20	PASS

-----End-----