

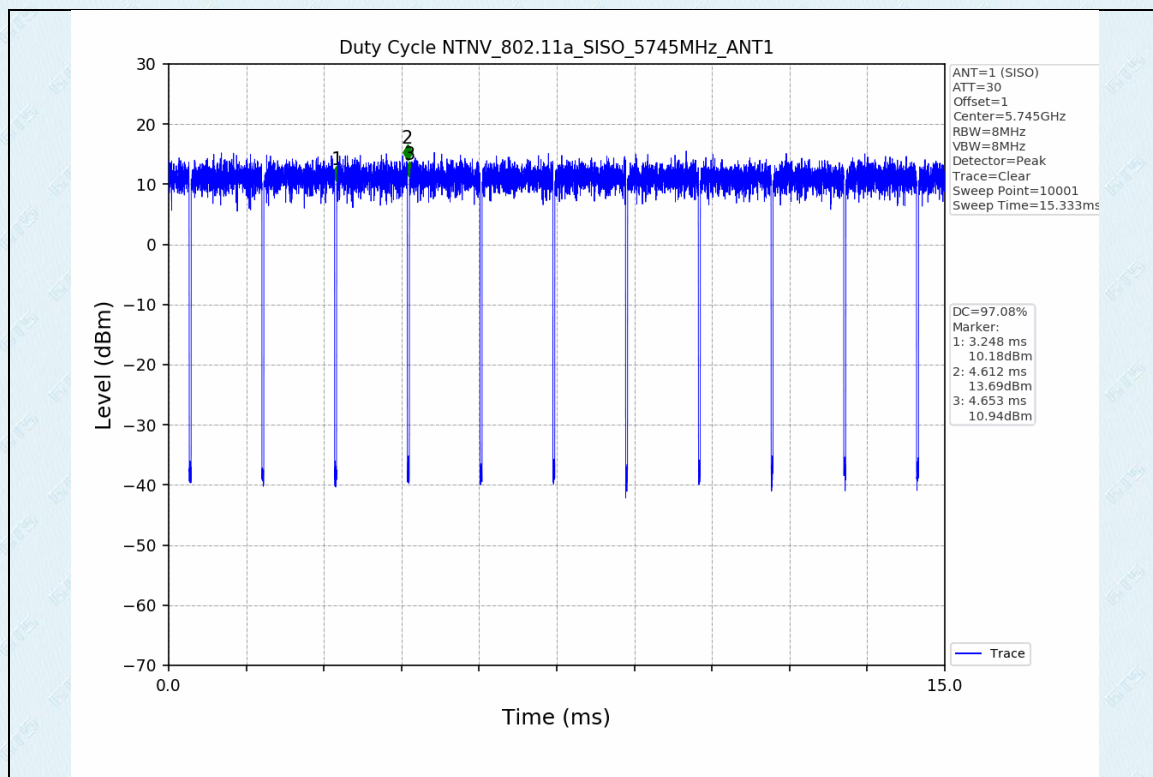
Appendix for 15.407

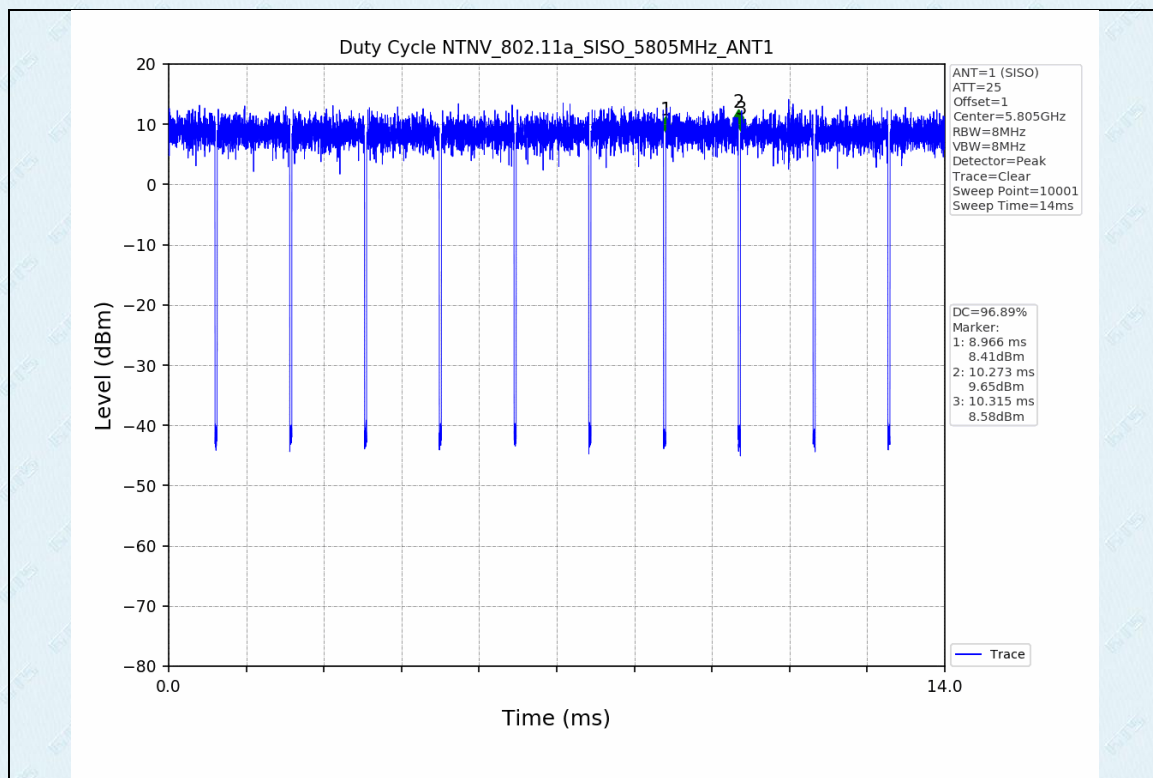
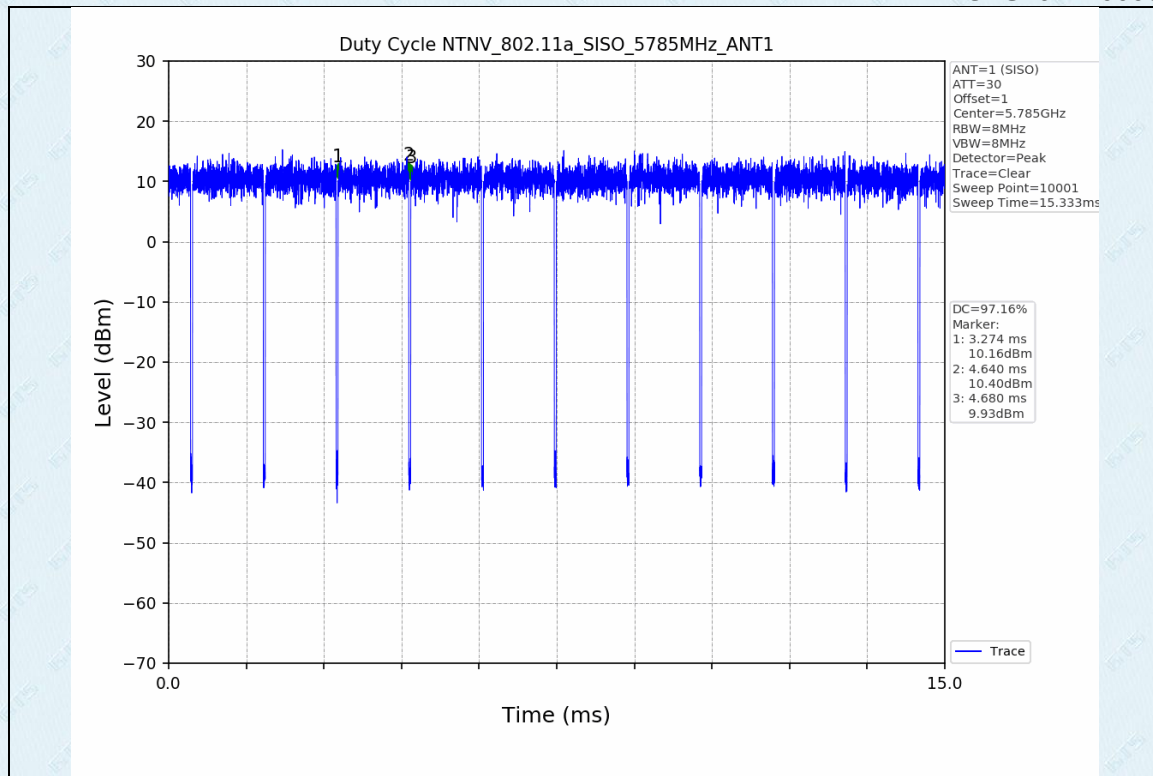
1. Duty Cycle

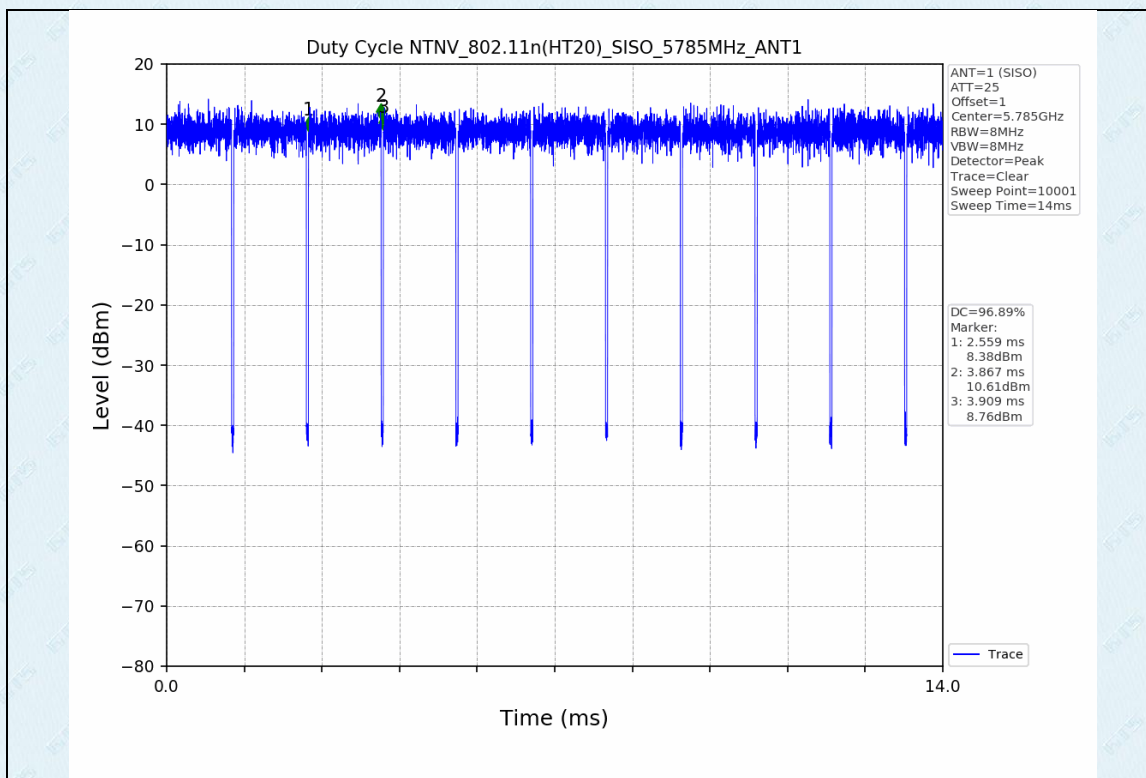
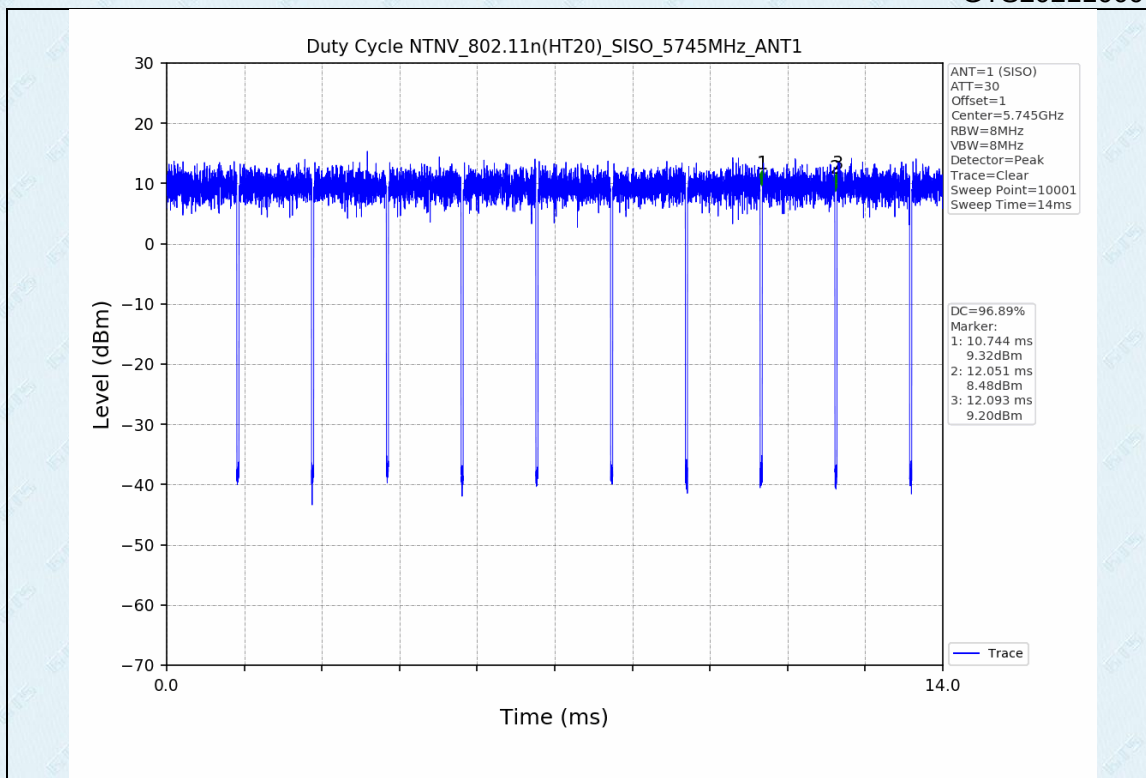
1.1 Test Result

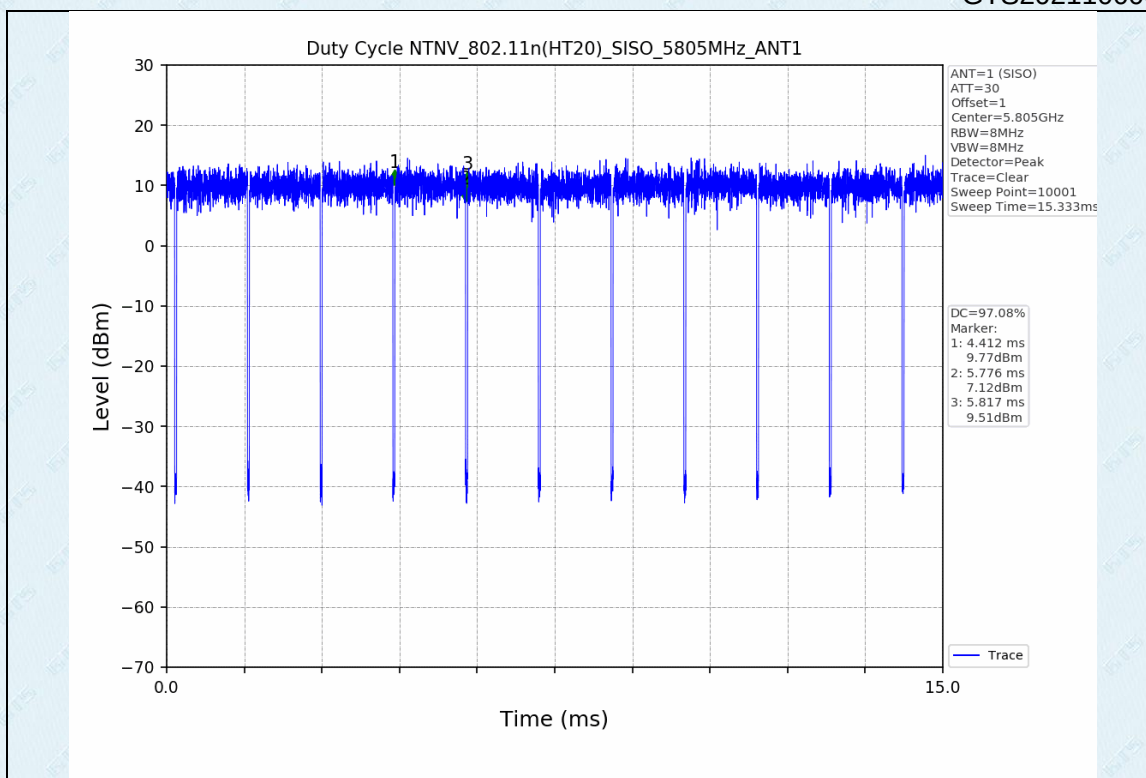
Test Mode	Channel Frequency (MHz)	TX Type	ANT No.	T_on (ms)	Period (ms)	Duty Cycle (%)	Duty Cycle Correction Factor (dB)
802.11a	5745	SISO	1	1.364	1.405	97.08	0.13
	5785	SISO	1	1.366	1.406	97.16	0.13
	5805	SISO	1	1.307	1.349	96.89	0.14
802.11n(HT20)	5745	SISO	1	1.307	1.349	96.89	0.14
	5785	SISO	1	1.308	1.350	96.89	0.14
	5805	SISO	1	1.364	1.405	97.08	0.13

1.2 Test Graph









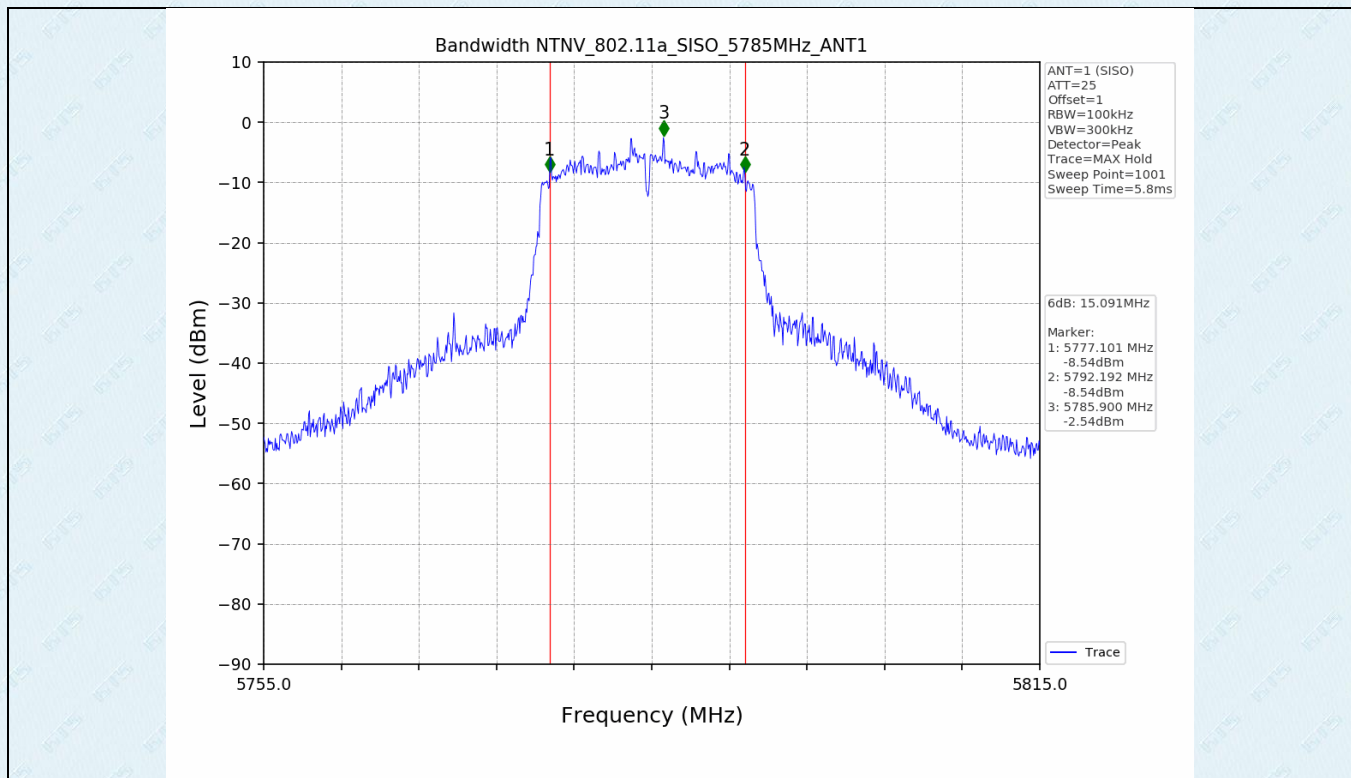
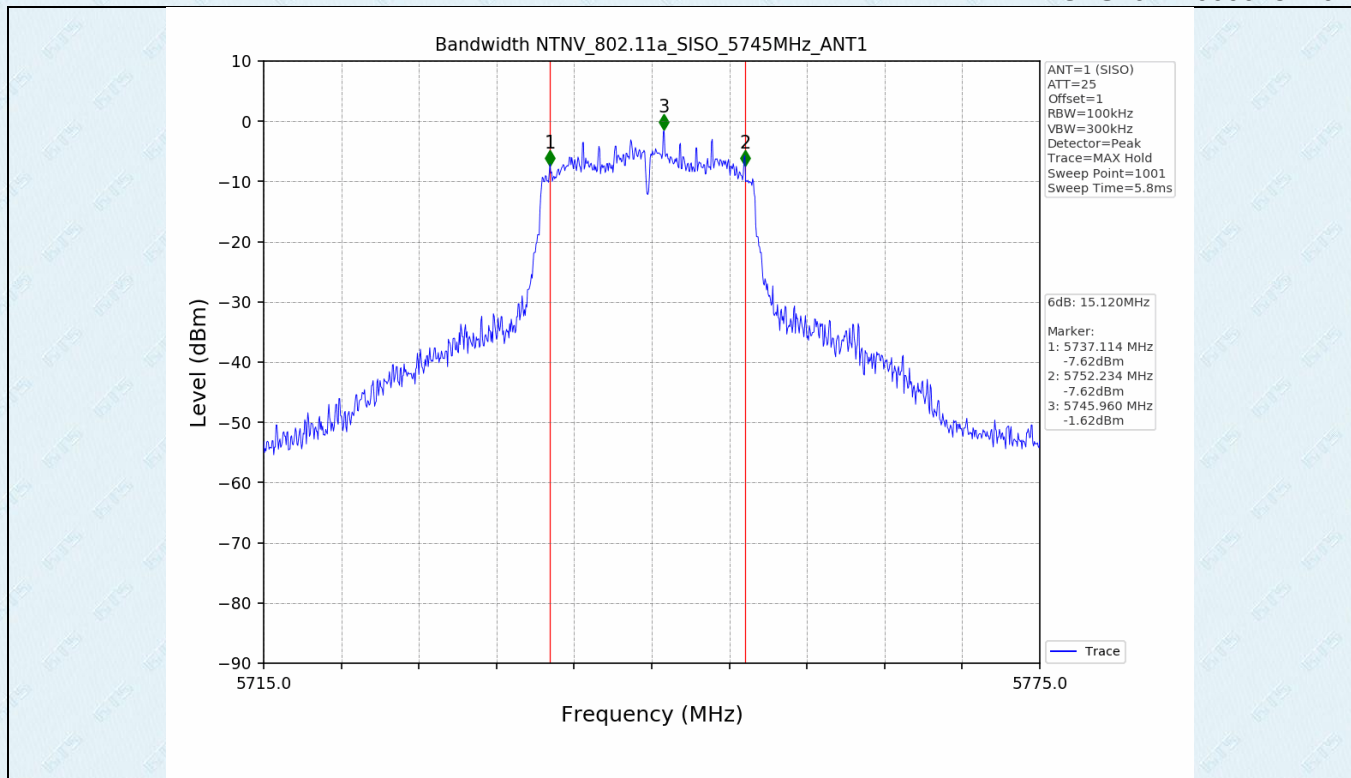
2. Bandwidth

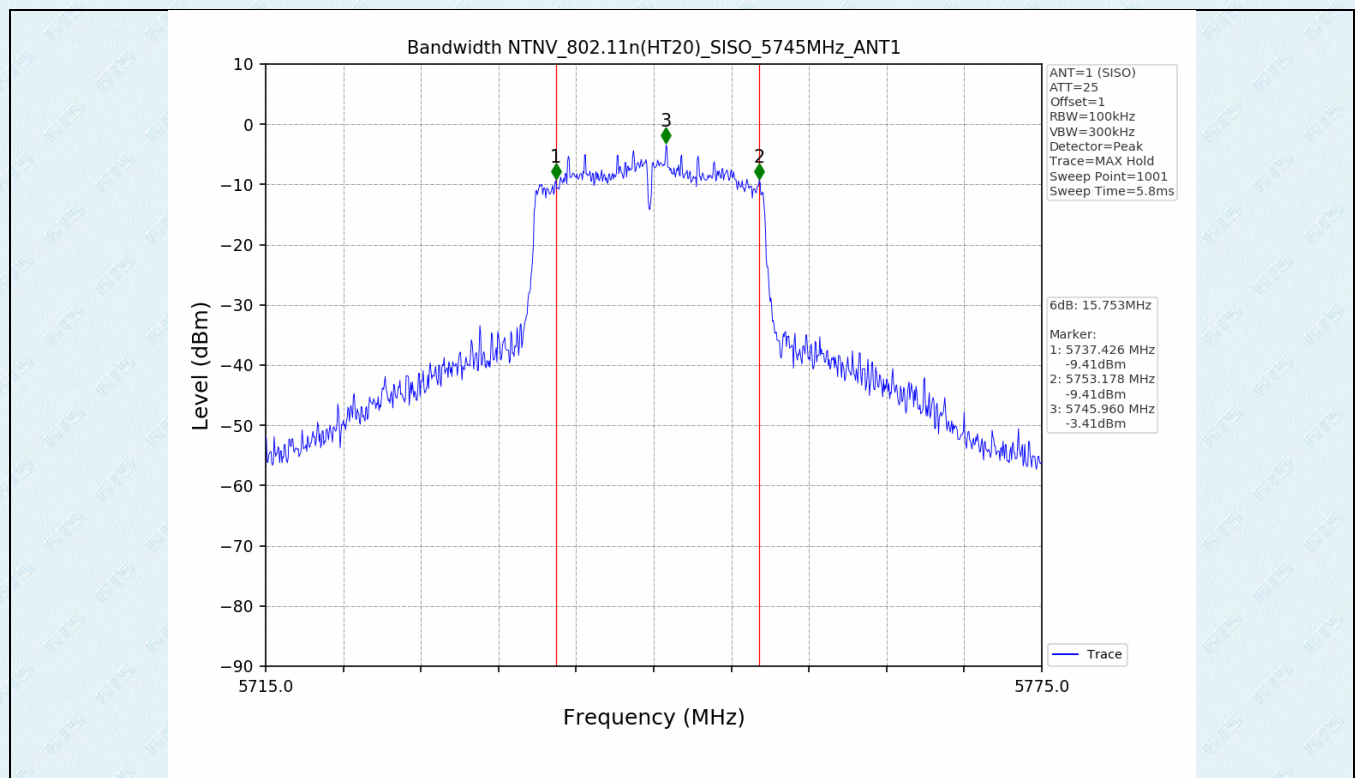
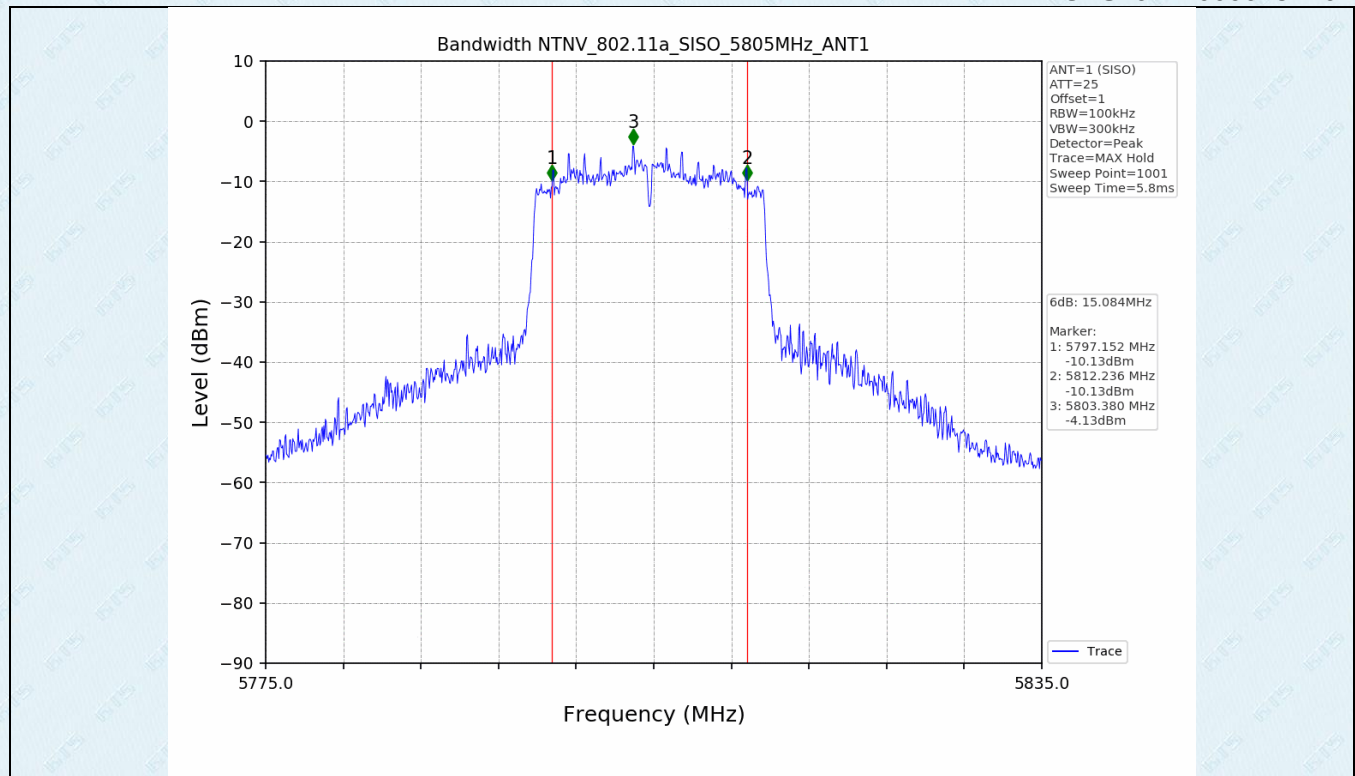
2.1 Test Result

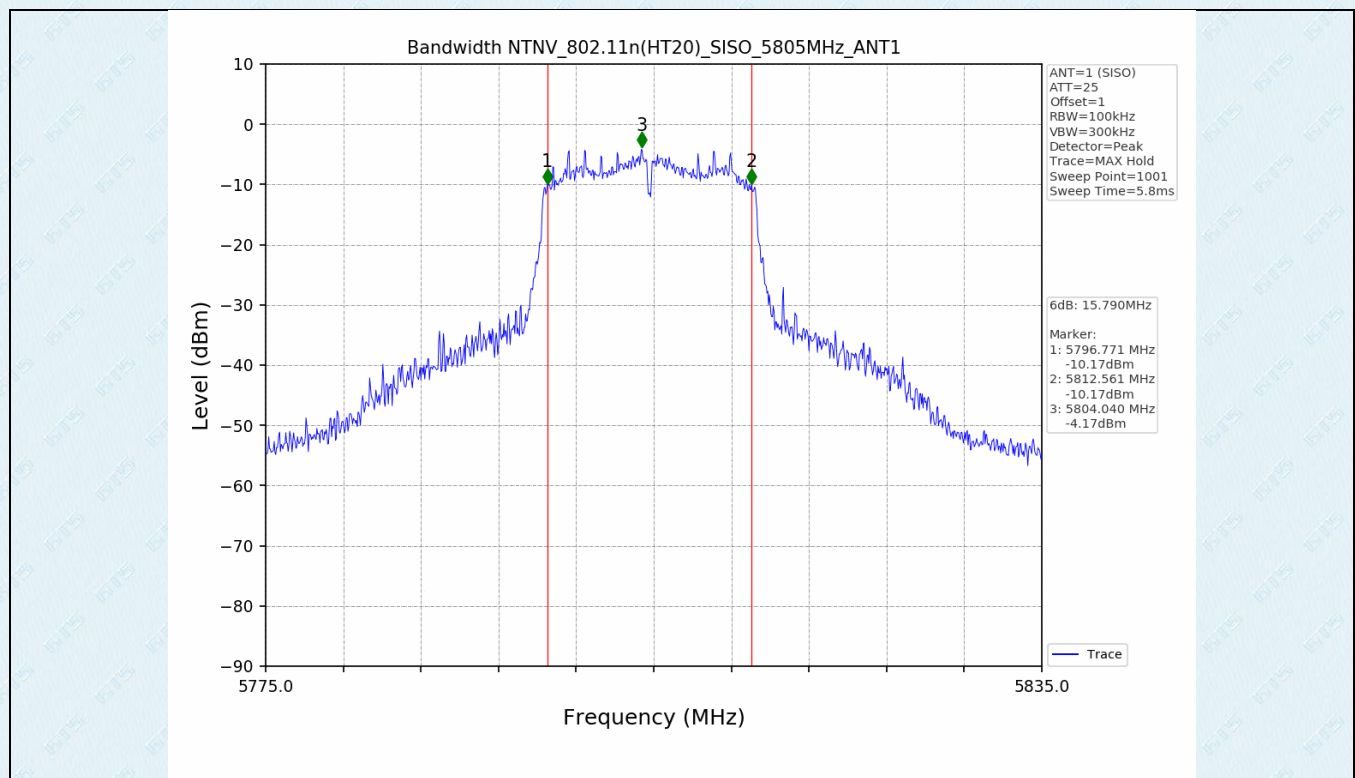
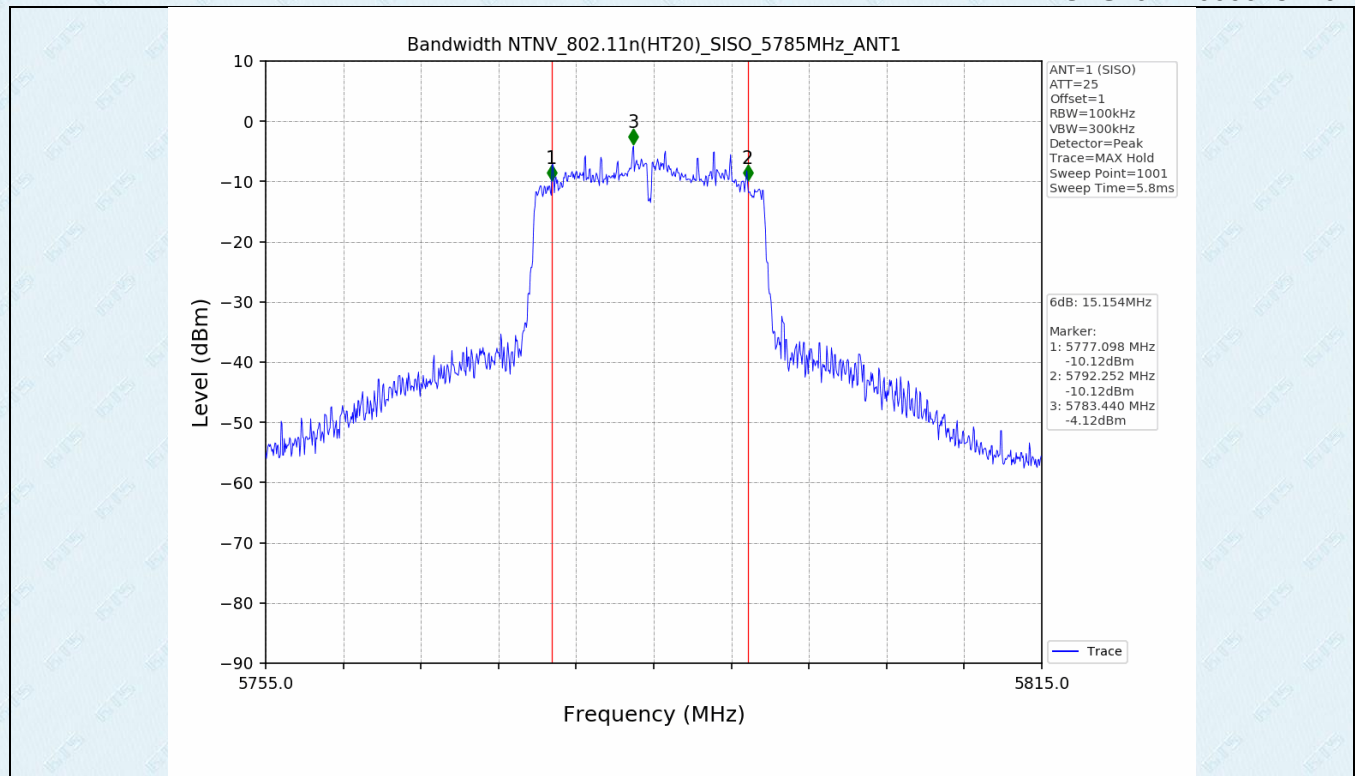
Test Mode	Frequency (MHz)	TX Type	ANT No.	Emission Bandwidth		Verdict
				Test Result (MHz)	Limits (MHz)	
802.11a	5745	SISO	1	15.120	≥0.5	PASS
	5785	SISO	1	15.091	≥0.5	PASS
	5805	SISO	1	15.084	≥0.5	PASS
802.11n(HT20)	5745	SISO	1	15.753	≥0.5	PASS
	5785	SISO	1	15.154	≥0.5	PASS
	5805	SISO	1	15.790	≥0.5	PASS

Test Mode	Frequency (MHz)	TX Type	ANT No.	99% Occupied Bandwidth	
				Test Result (MHz)	
802.11a	5745	SISO	1	16.604	Only for Report Use
	5785	SISO	1	16.676	Only for Report Use
	5805	SISO	1	17.780	Only for Report Use
802.11n(HT20)	5745	SISO	1	17.577	Only for Report Use
	5785	SISO	1	17.563	Only for Report Use
	5805	SISO	1	17.132	Only for Report Use

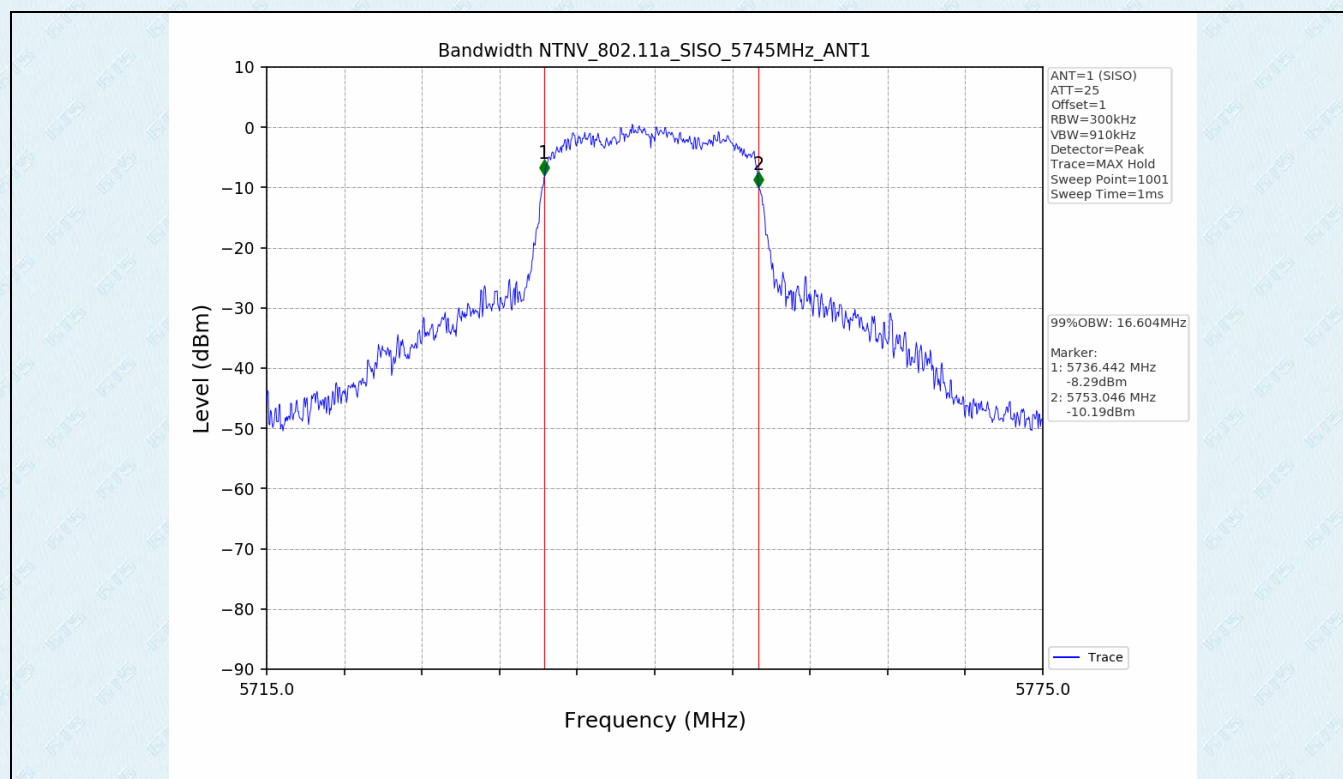
2.2 Test Graph - Emission Bandwidth

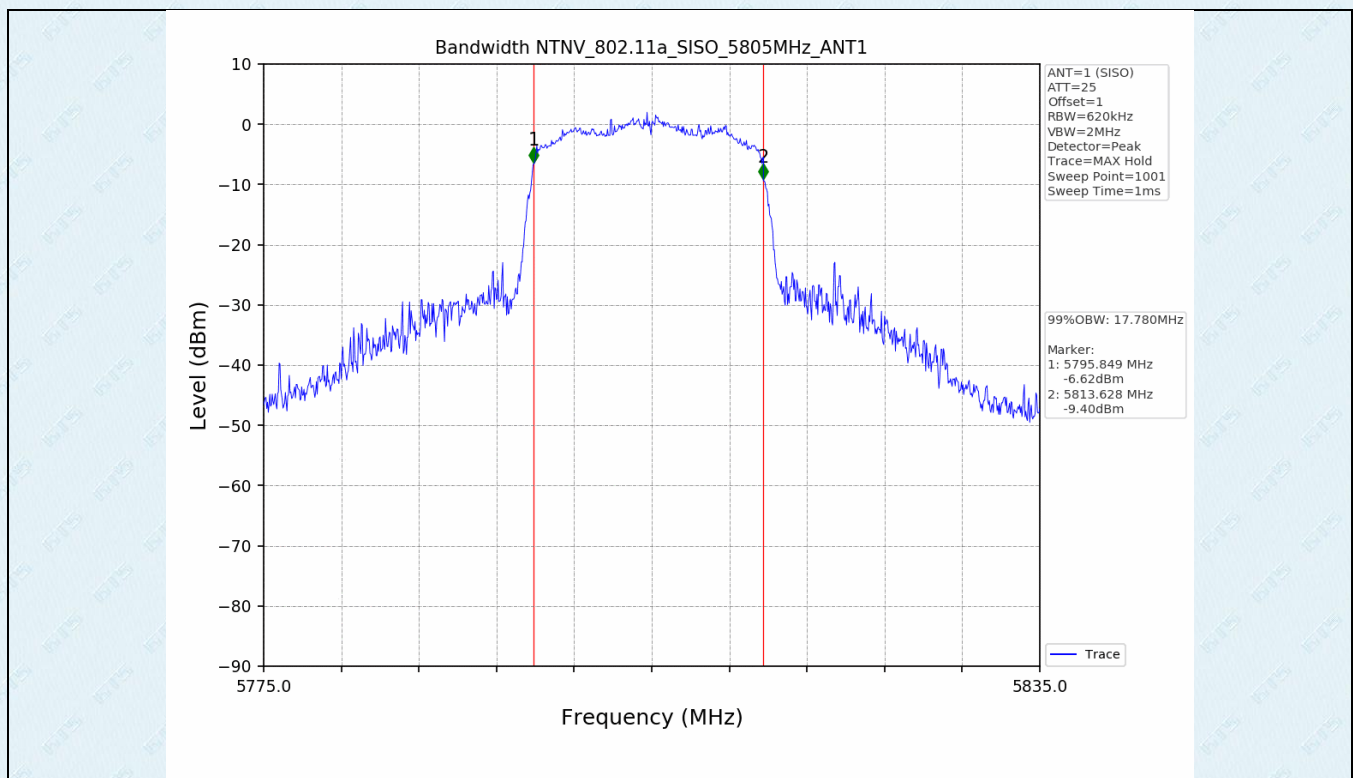
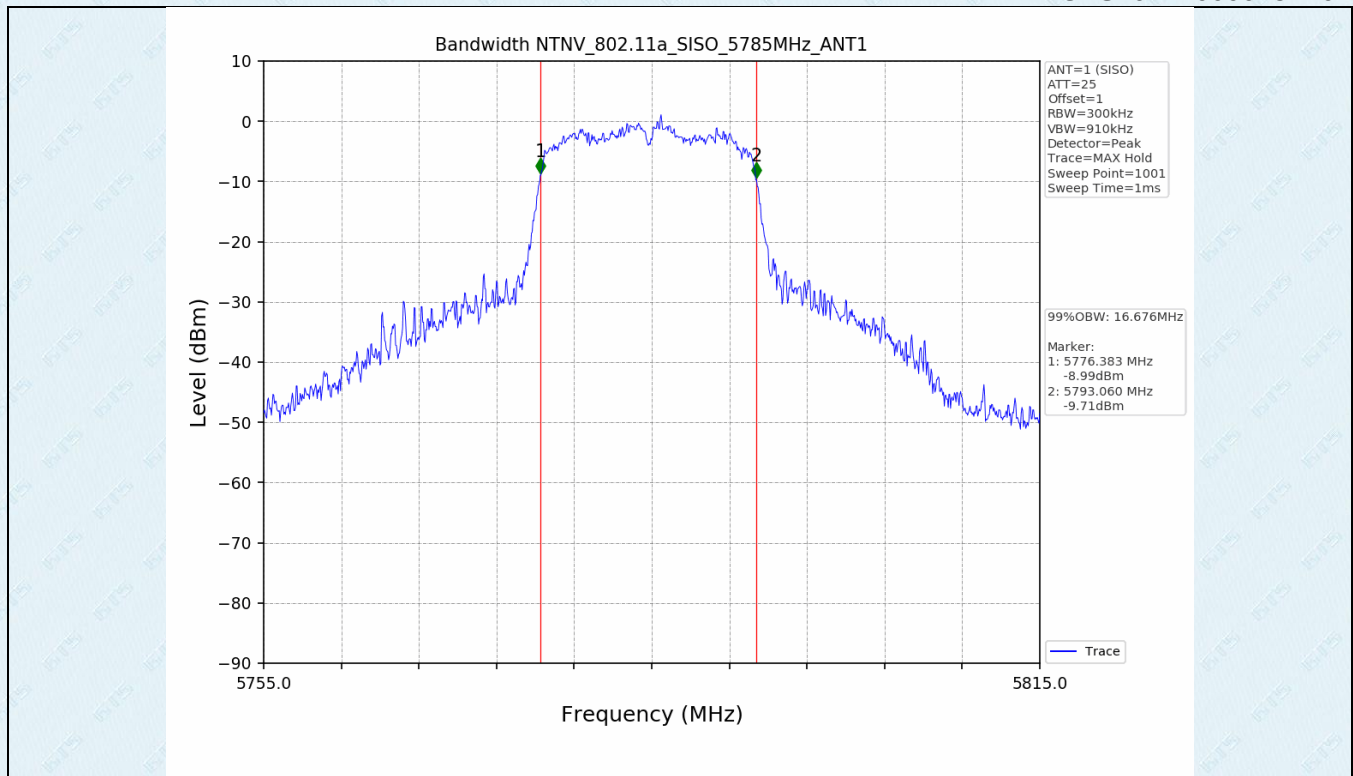


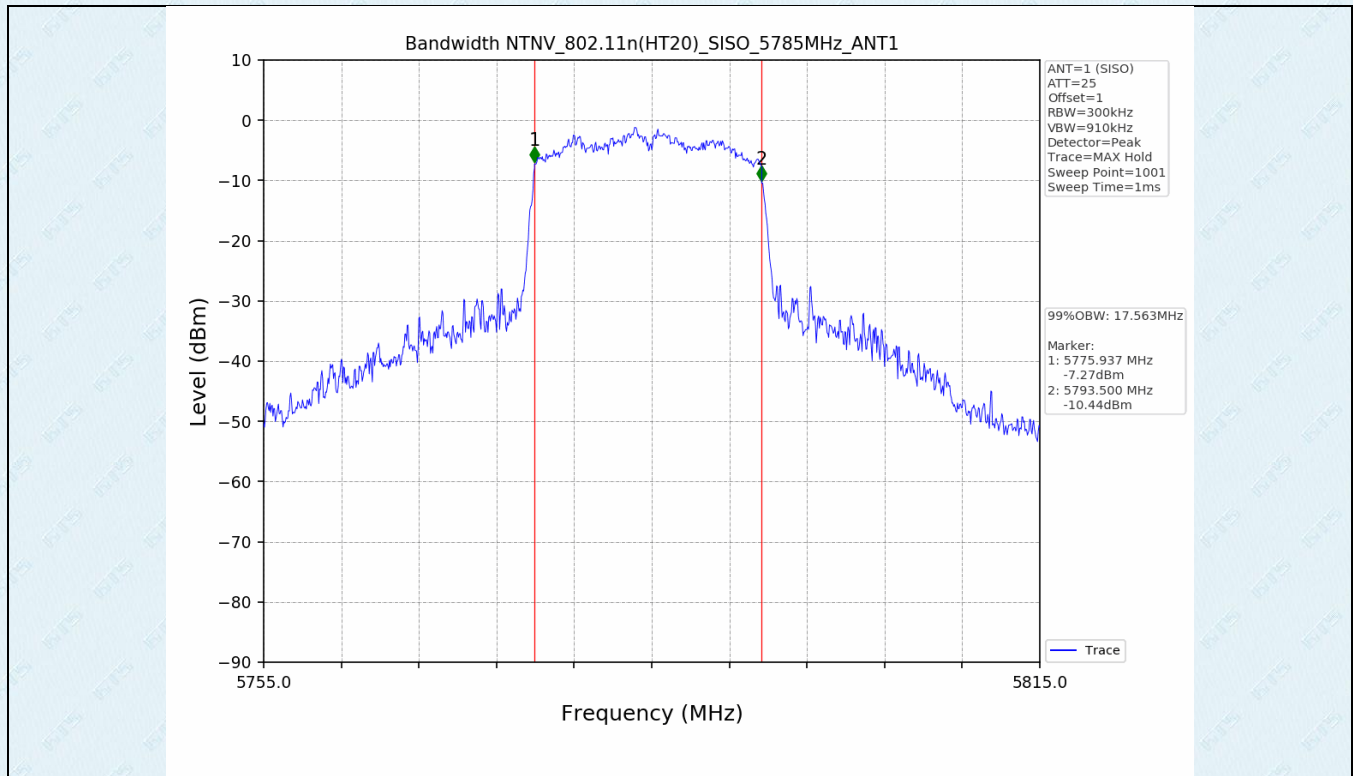
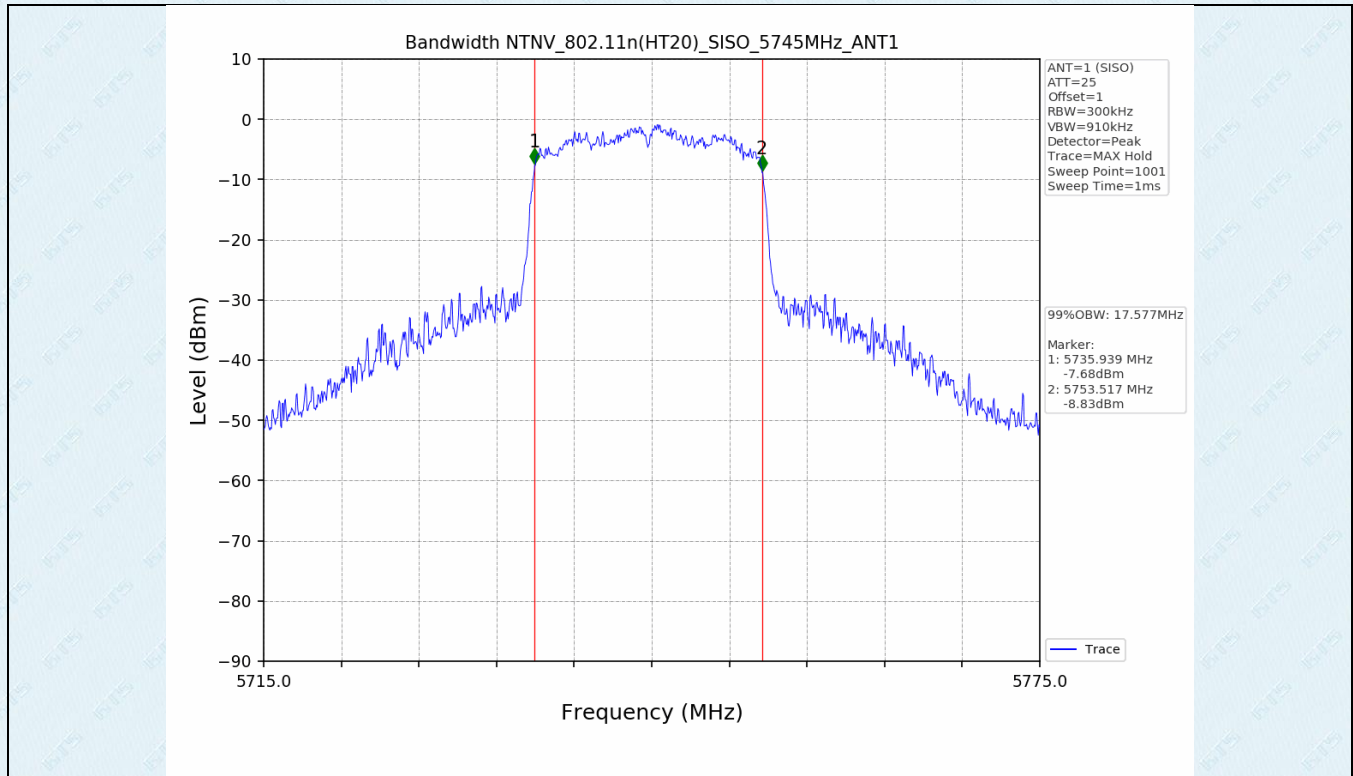


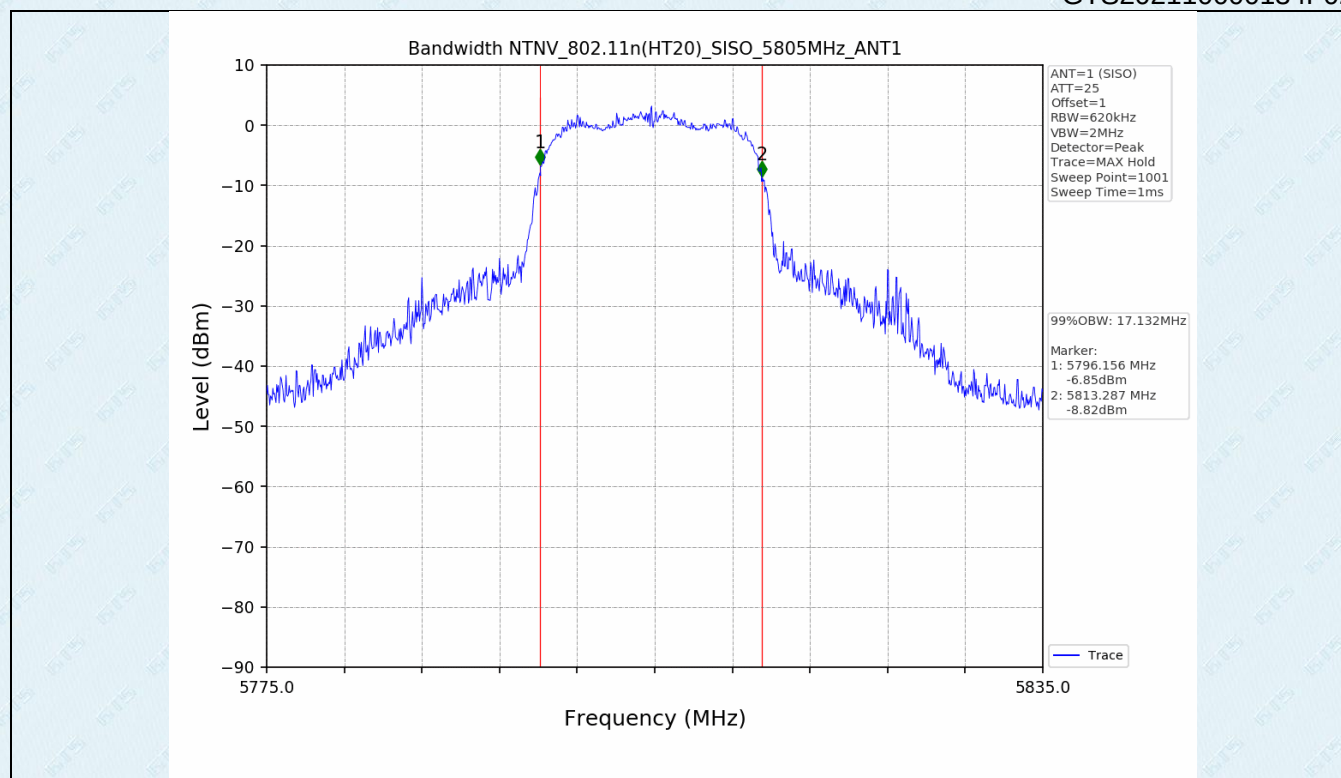


2.3 Test Graph - 99% Occupied Bandwidth









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	8.33	≤30.00	PASS
	5785	SISO	7.82	≤30.00	PASS
	5805	SISO	6.31	≤30.00	PASS
802.11n(HT20)	5745	SISO	7.04	≤30.00	PASS
	5785	SISO	6.47	≤30.00	PASS
	5805	SISO	7.30	≤30.00	PASS

The result contains DCCF

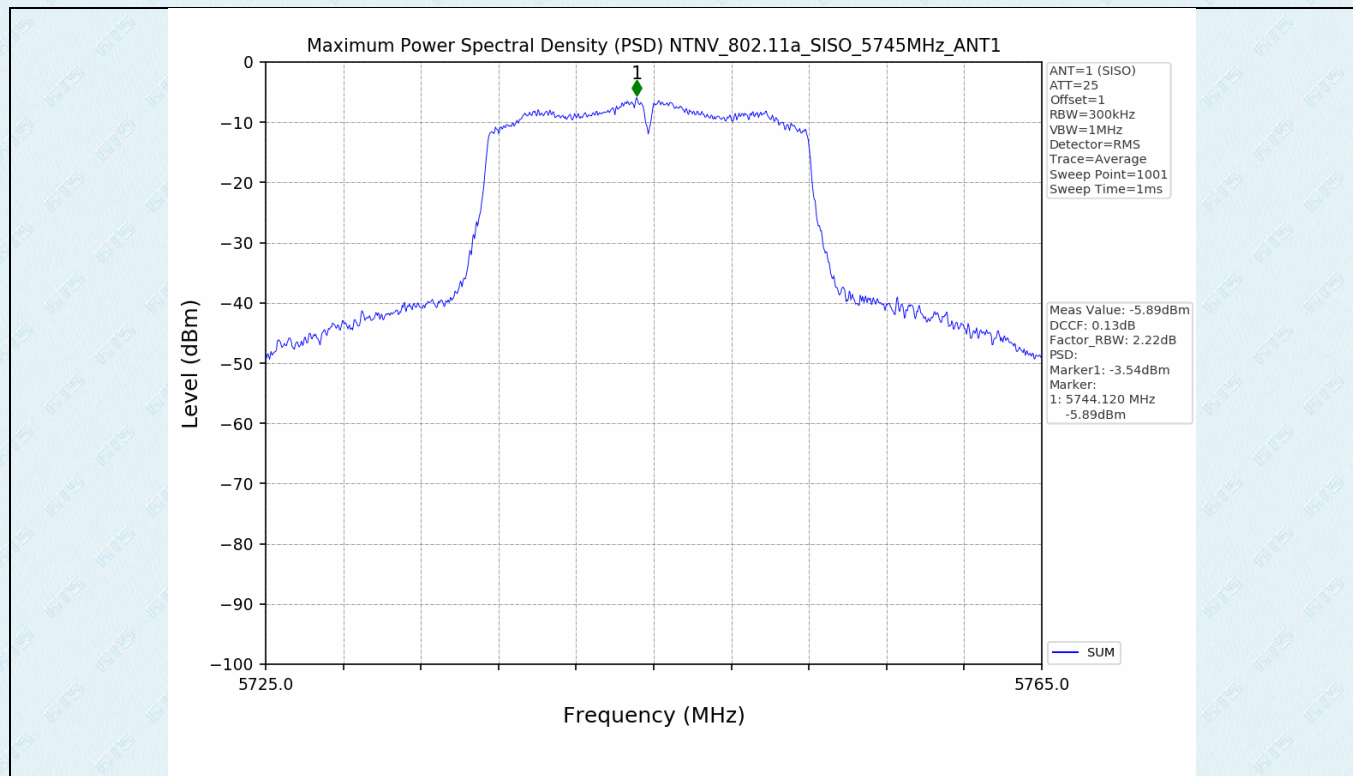
4. Maximum Power Spectral Density (PSD)

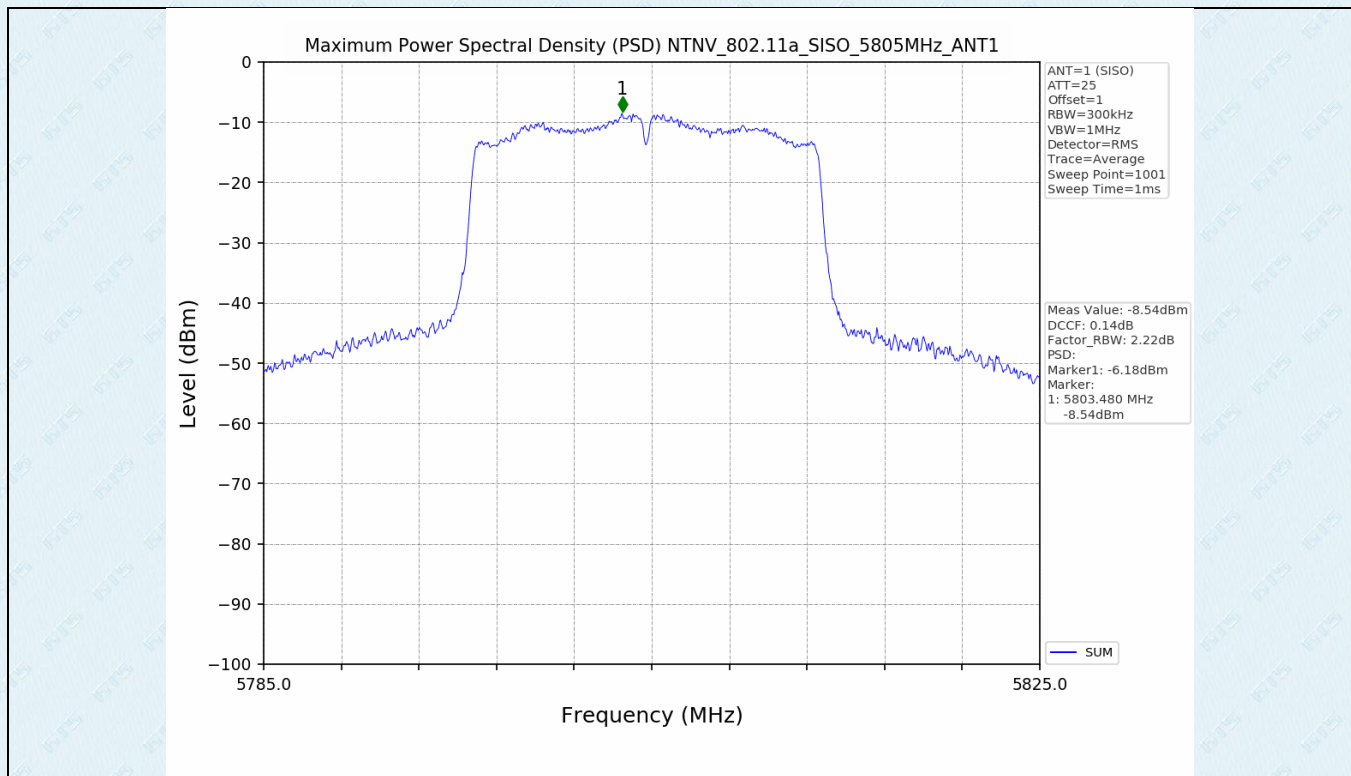
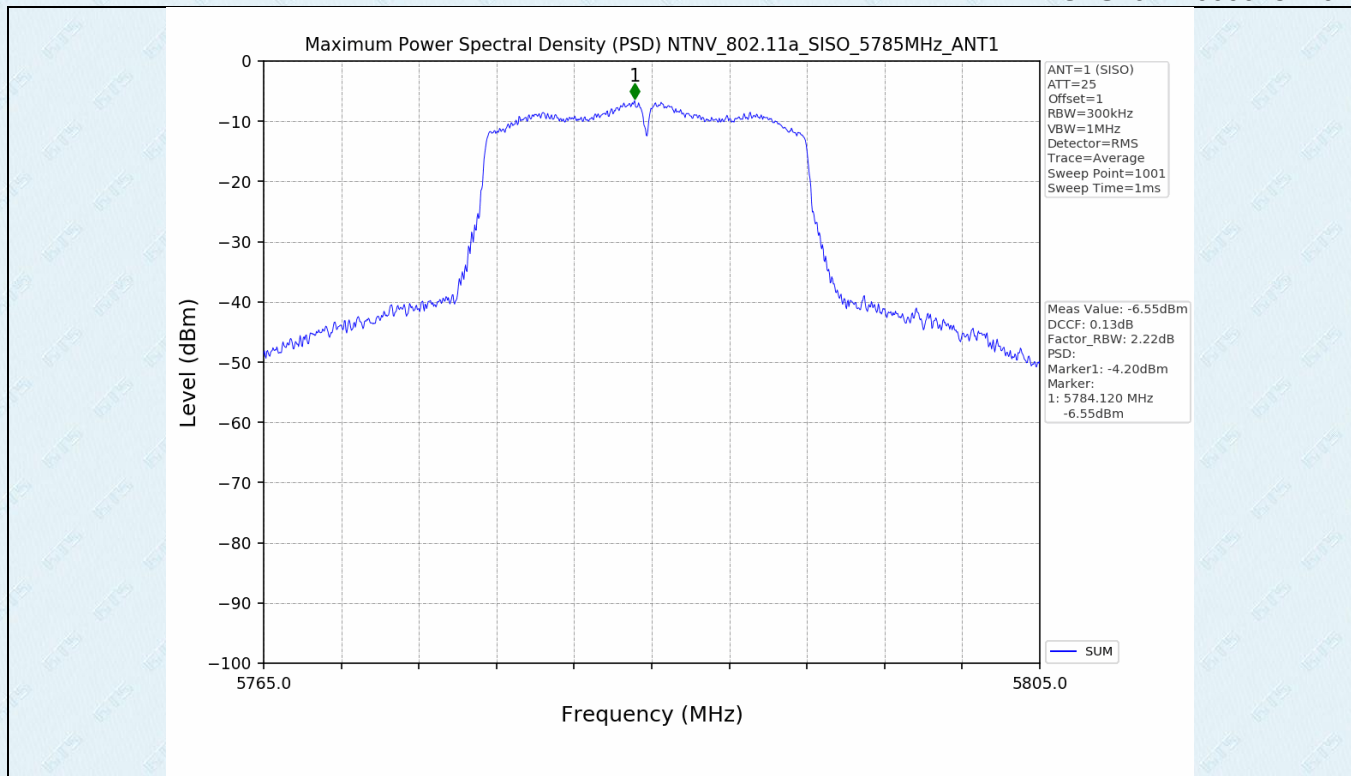
4.1 Test Result

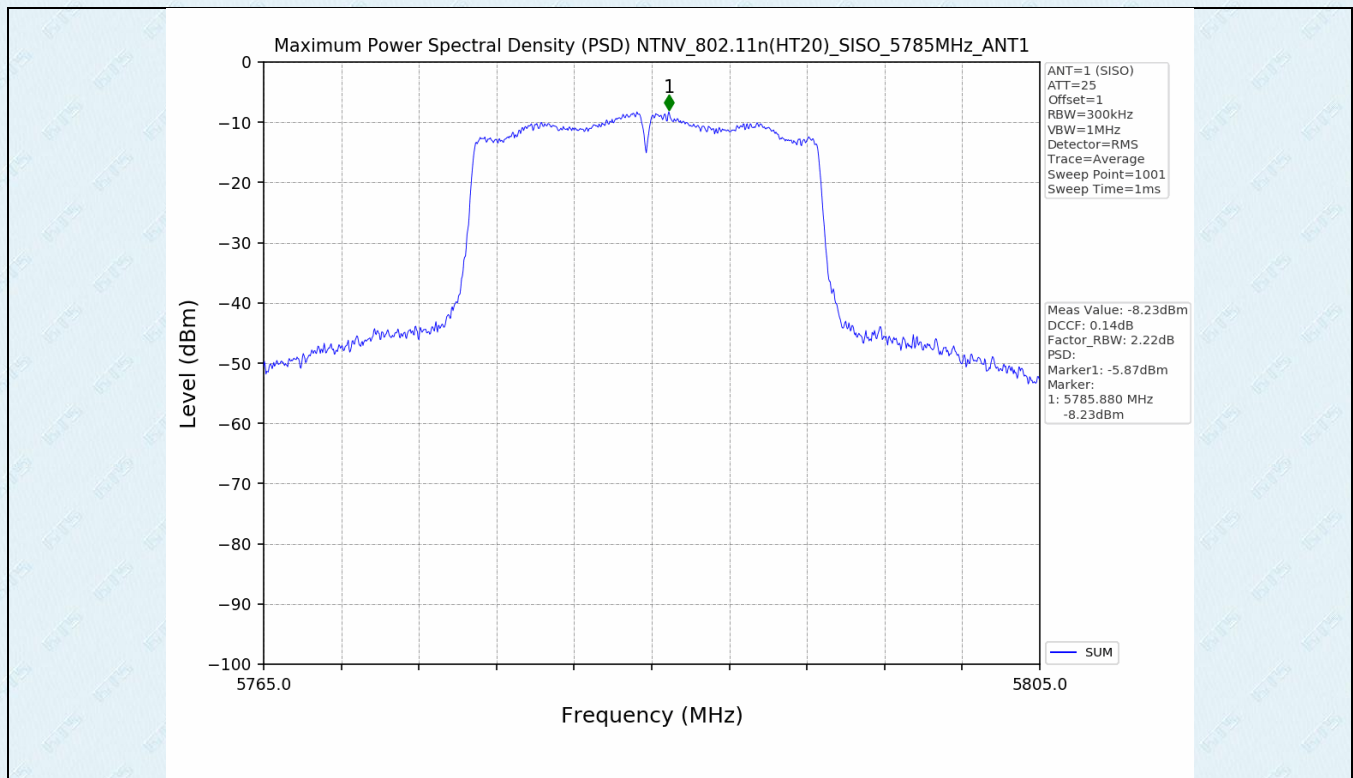
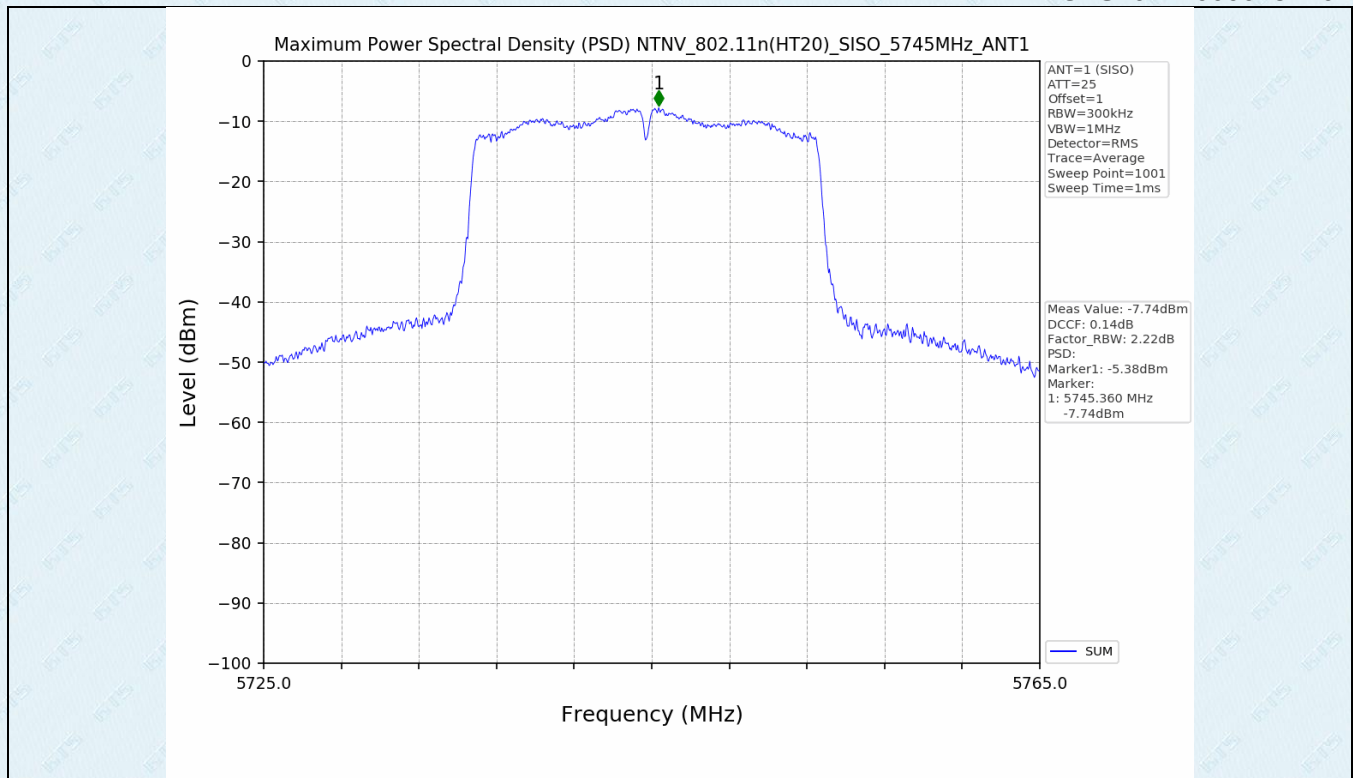
Test Mode	Frequency (MHz)	Tx Type	Maximum Power Spectral Density (dBm/500kHz)	Limits (dBm/500kHz)	Verdict
			Ant 1		
802.11a	5745	SISO	-3.54	≤30	PASS
	5785	SISO	-4.20	≤30	PASS
	5805	SISO	-6.18	≤30	PASS
802.11n(HT20)	5745	SISO	-5.38	≤30	PASS
	5785	SISO	-5.87	≤30	PASS
	5805	SISO	-4.70	≤30	PASS

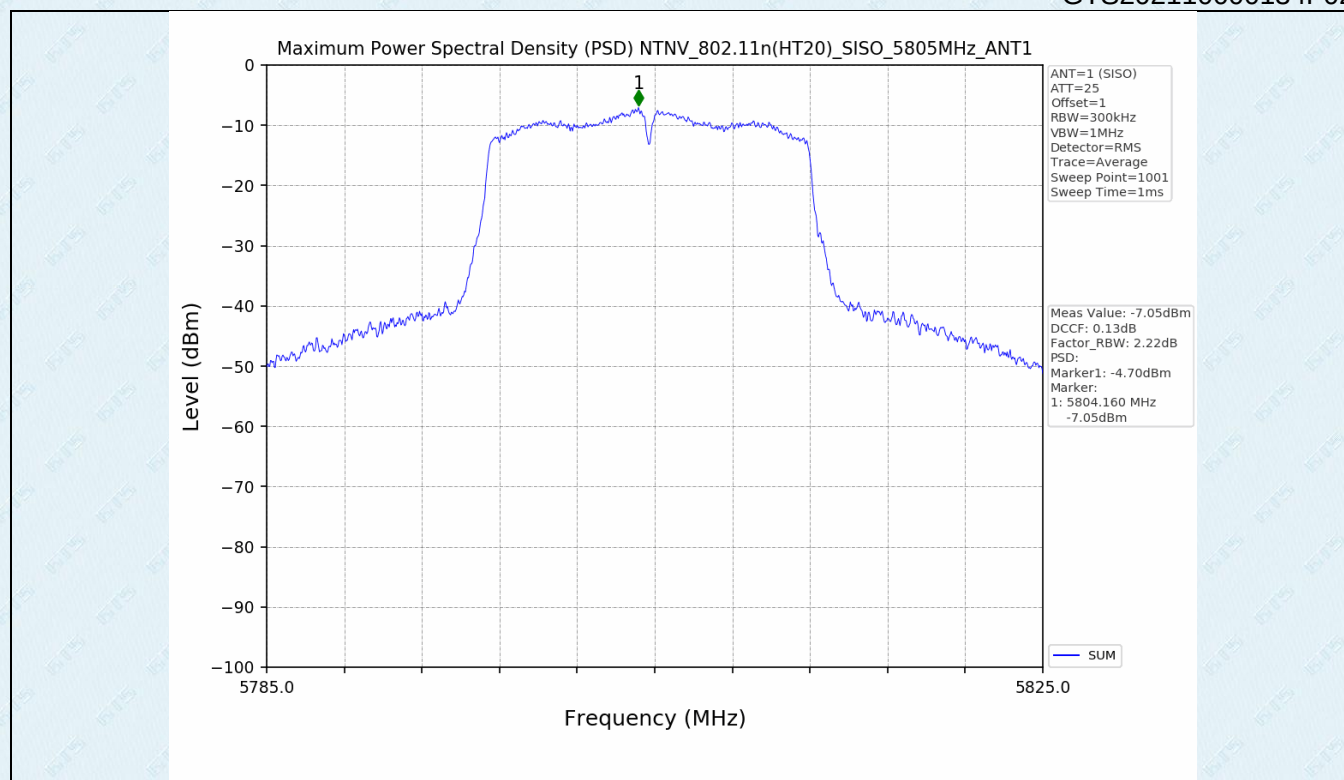
Note: Test result include RBW factor correction and DCCF

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	-57.44	<=20	PASS
		5785	1	-57.39	<=20	PASS
		5805	1	-57.51	<=20	PASS

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