

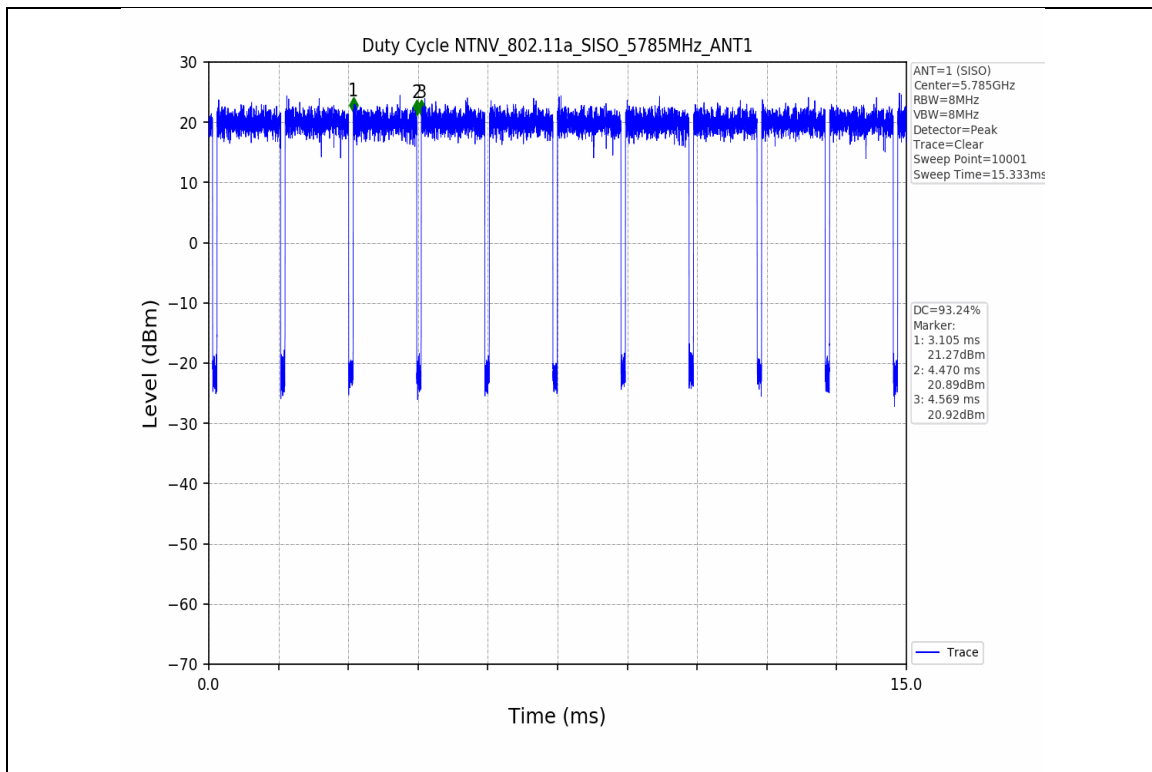
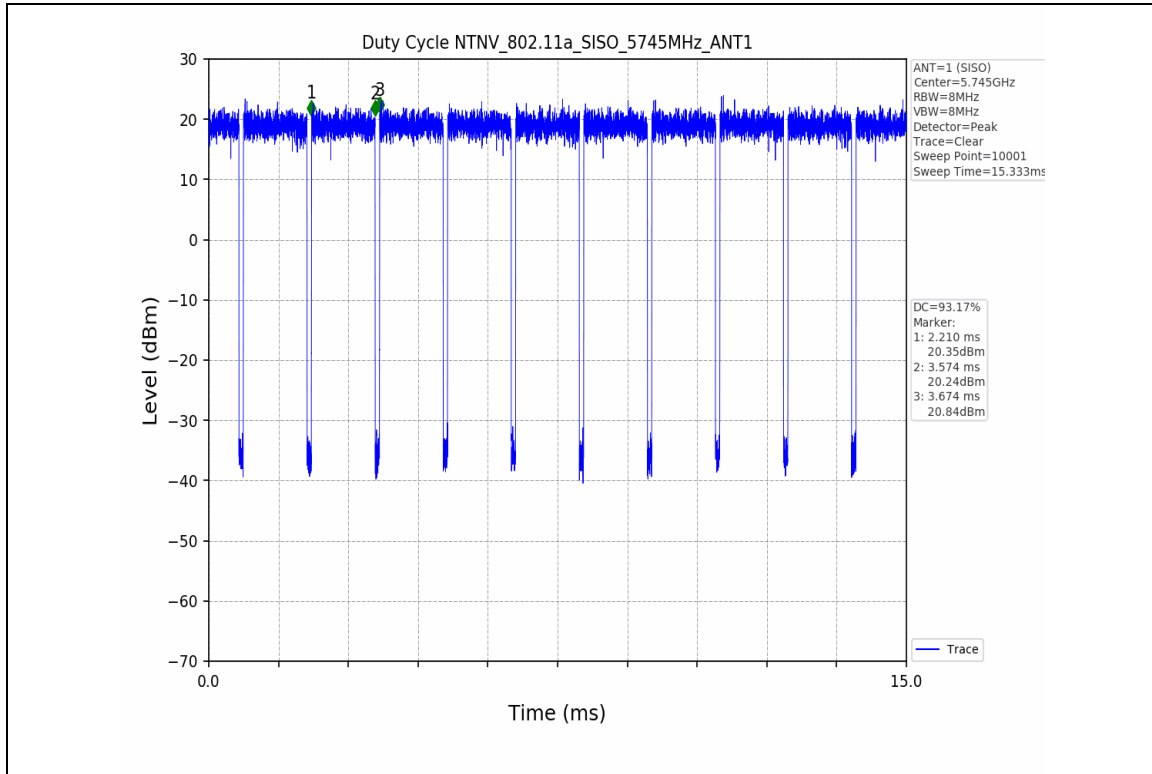
Appendix for 15.407

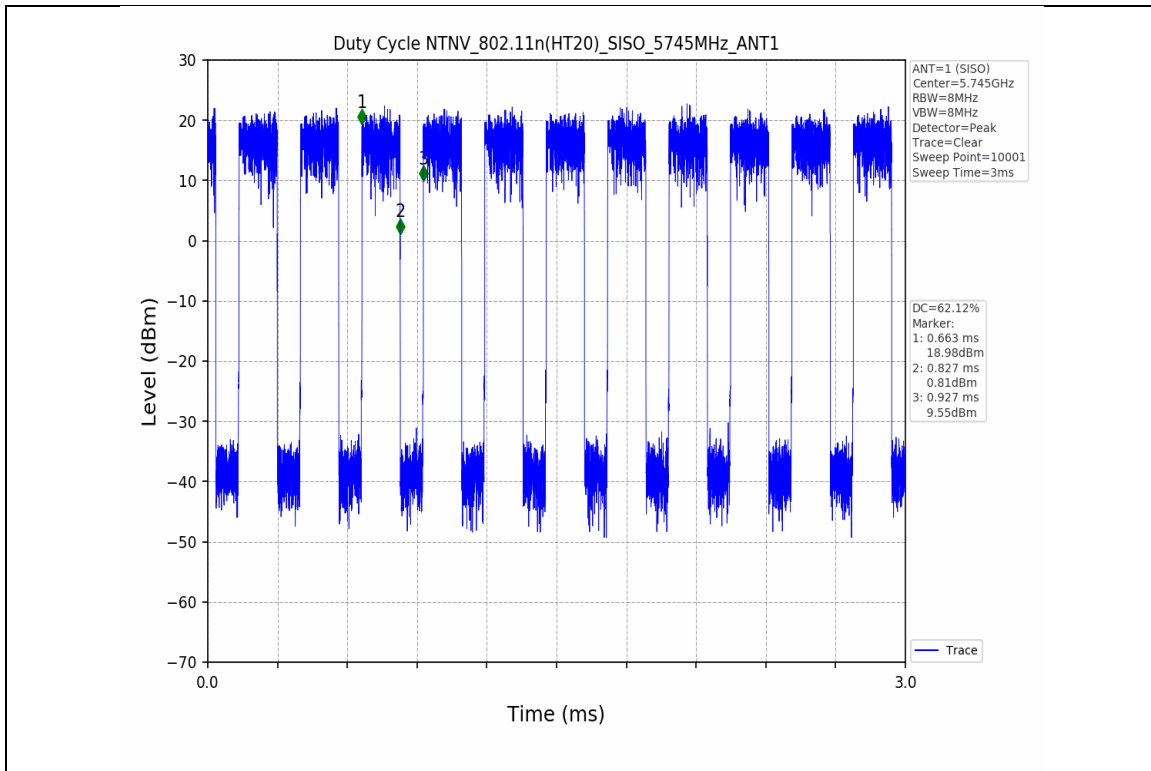
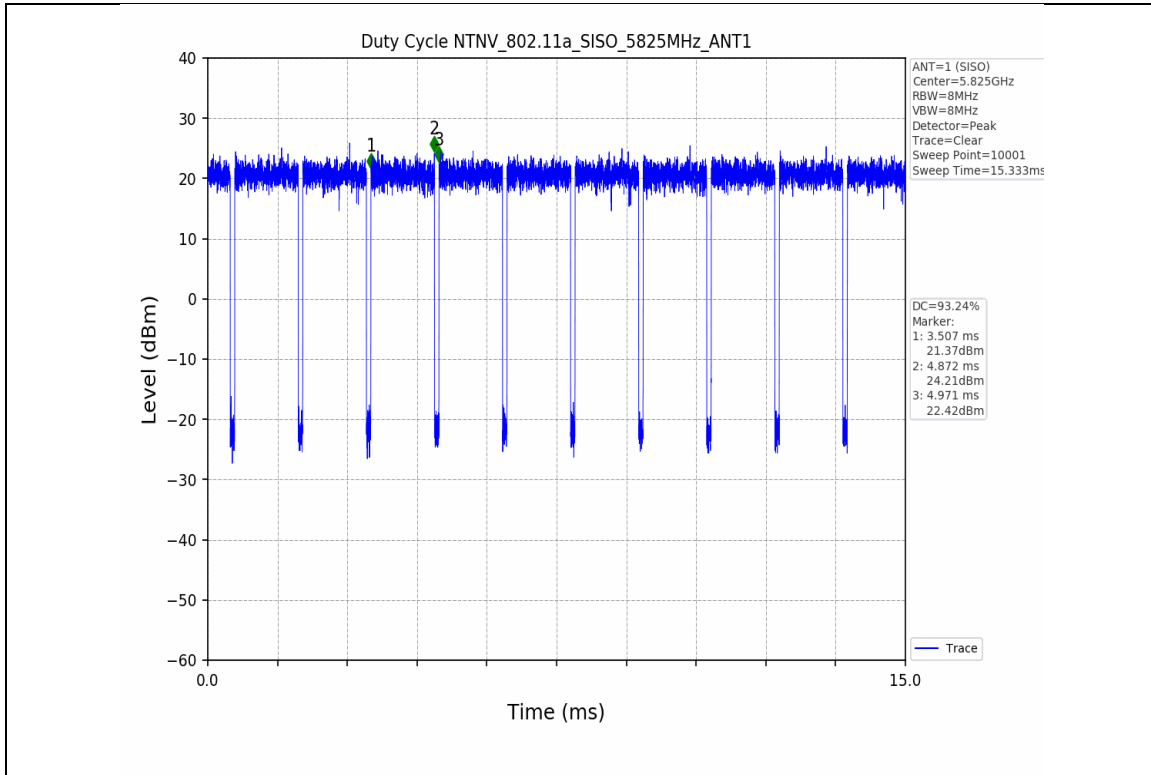
1. Duty Cycle

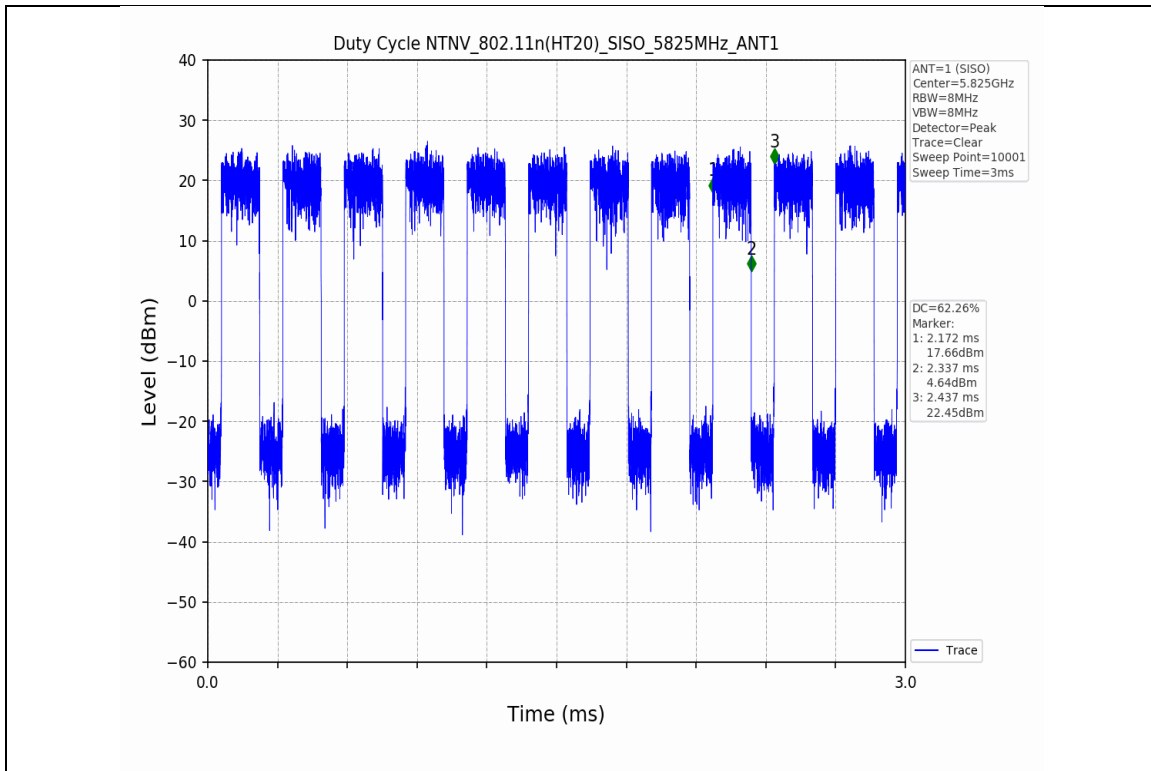
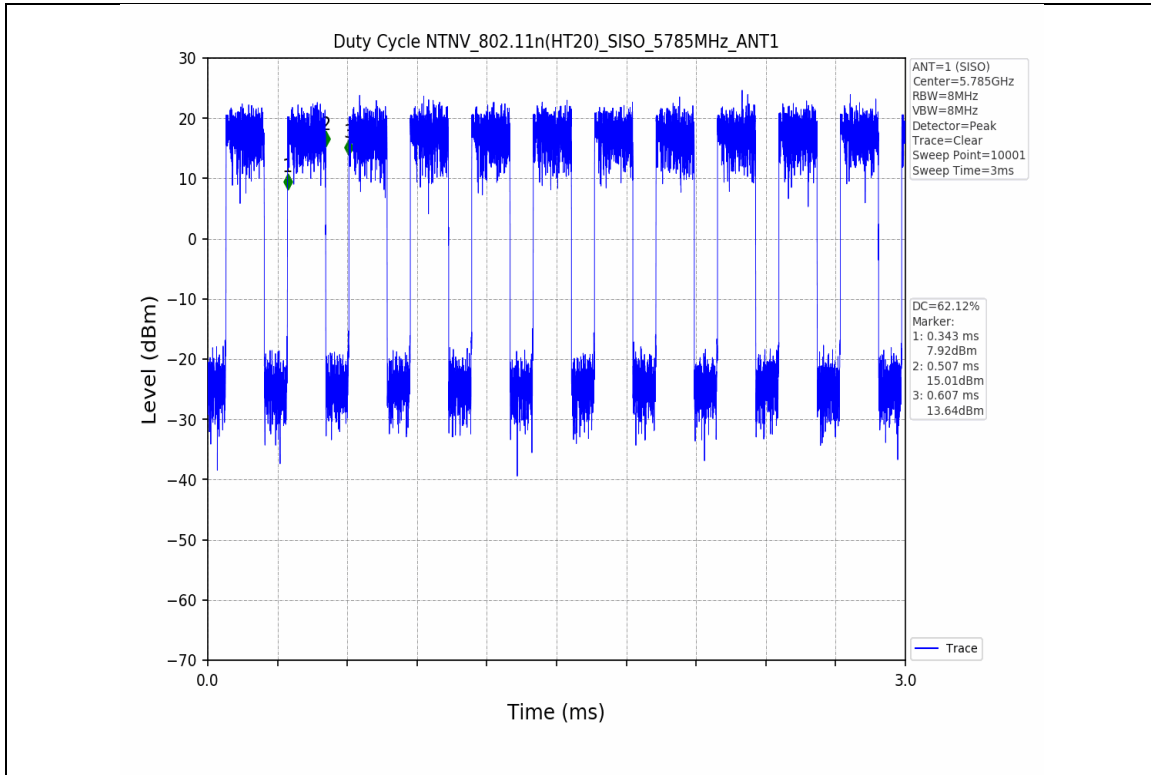
1.1 Test Result

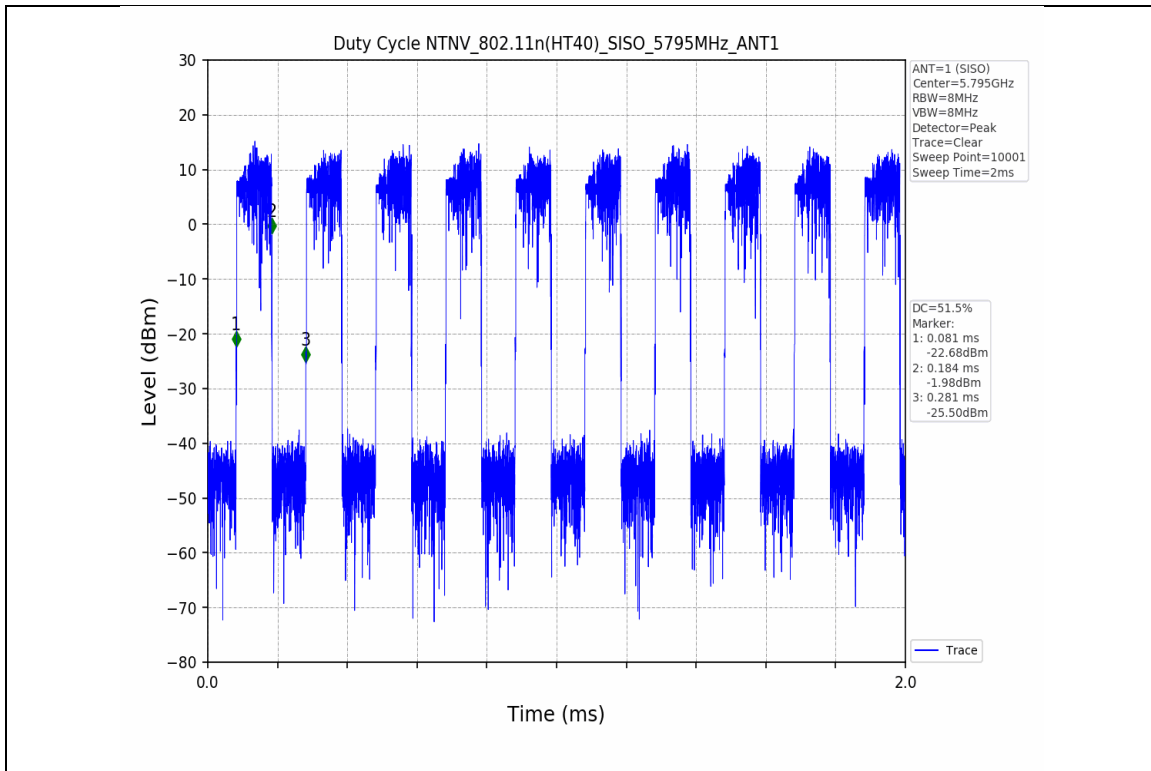
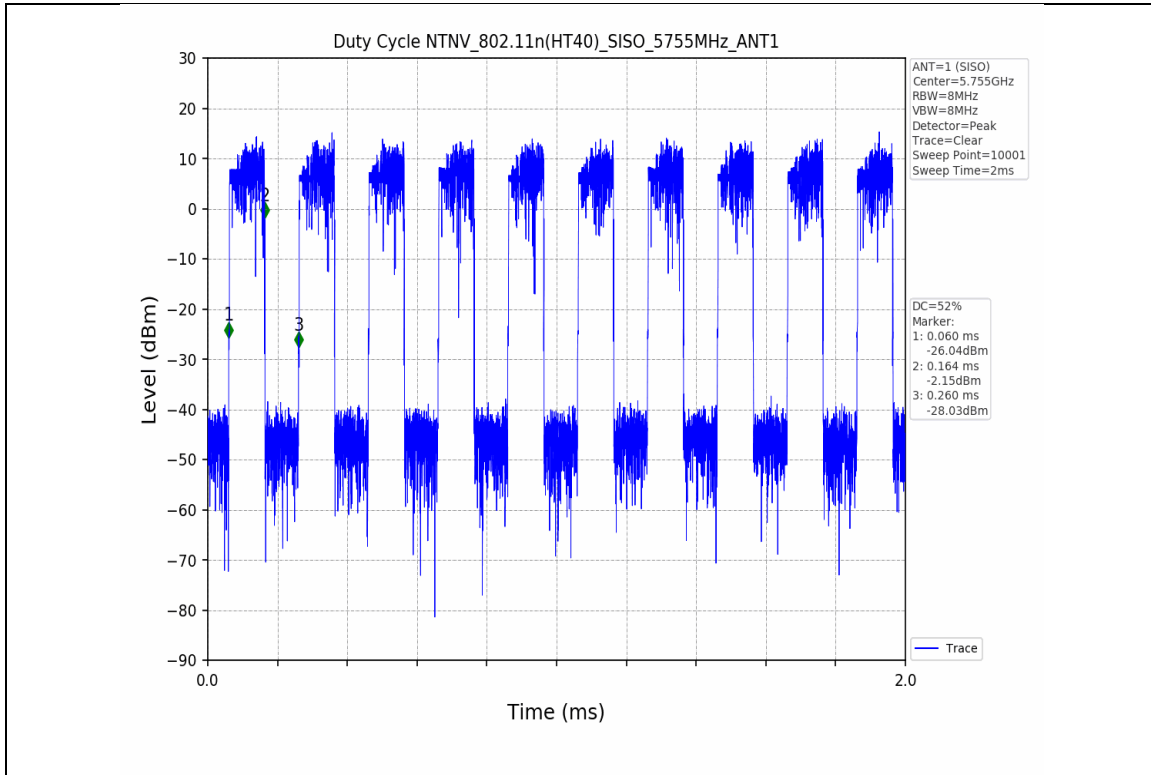
Test Mode	Channel Frequency (MHz)	TX Type	ANT No.	T_on (ms)	Period (ms)	Duty Cycle (%)	Duty Cycle Correction Factor (dB)
802.11a	5745	SISO	1	1.364	1.464	93.17	0.31
	5785	SISO	1	1.365	1.464	93.24	0.30
	5825	SISO	1	1.365	1.464	93.24	0.30
802.11n(HT20)	5745	SISO	1	0.164	0.264	62.12	2.07
	5785	SISO	1	0.164	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

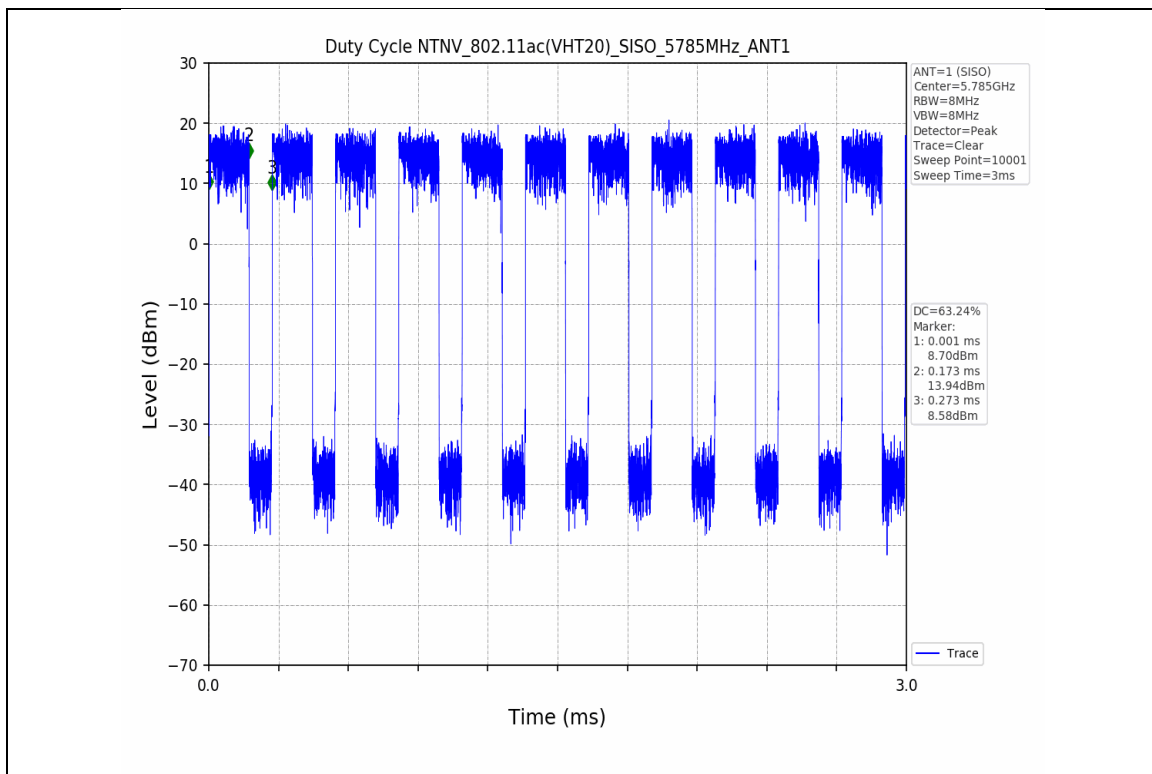
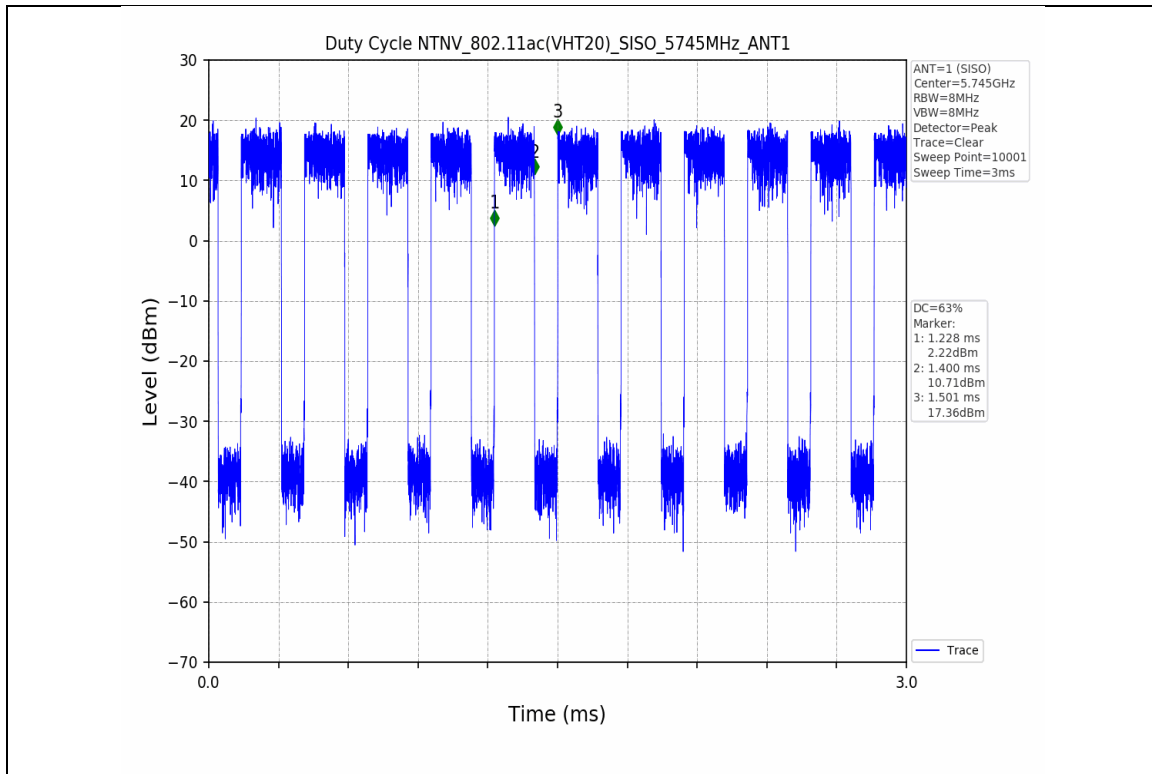
1.2 Test Graph

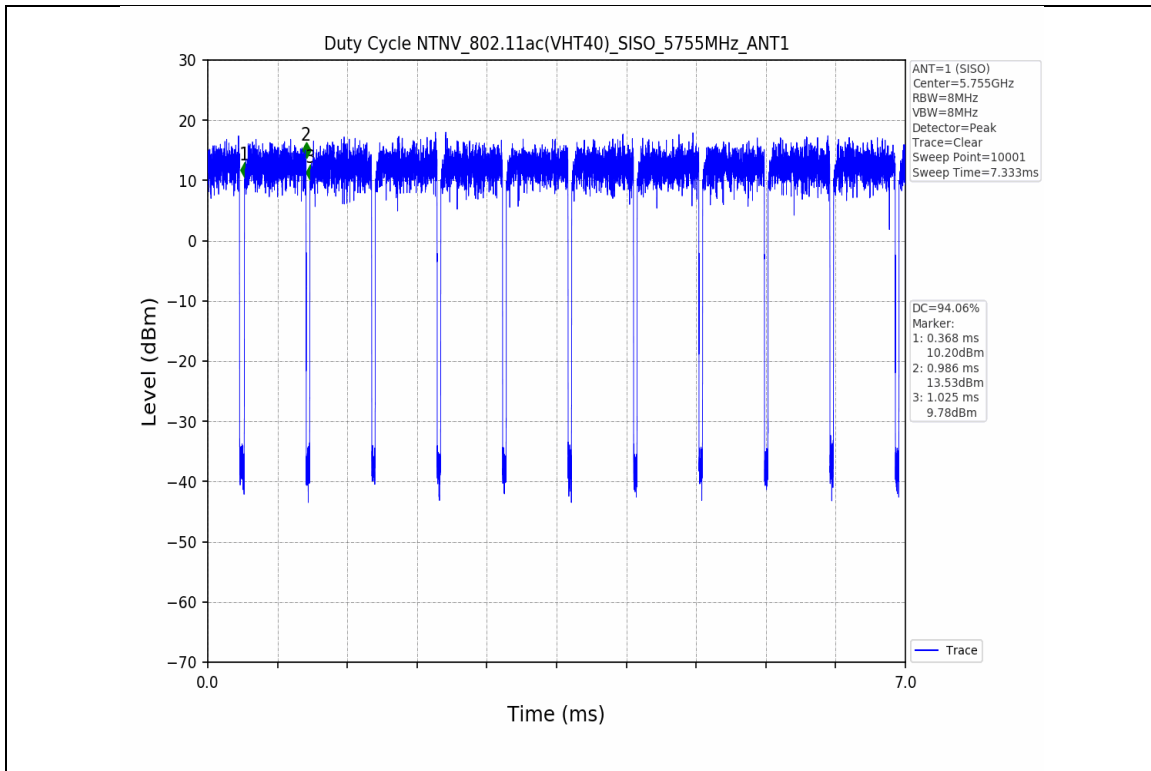
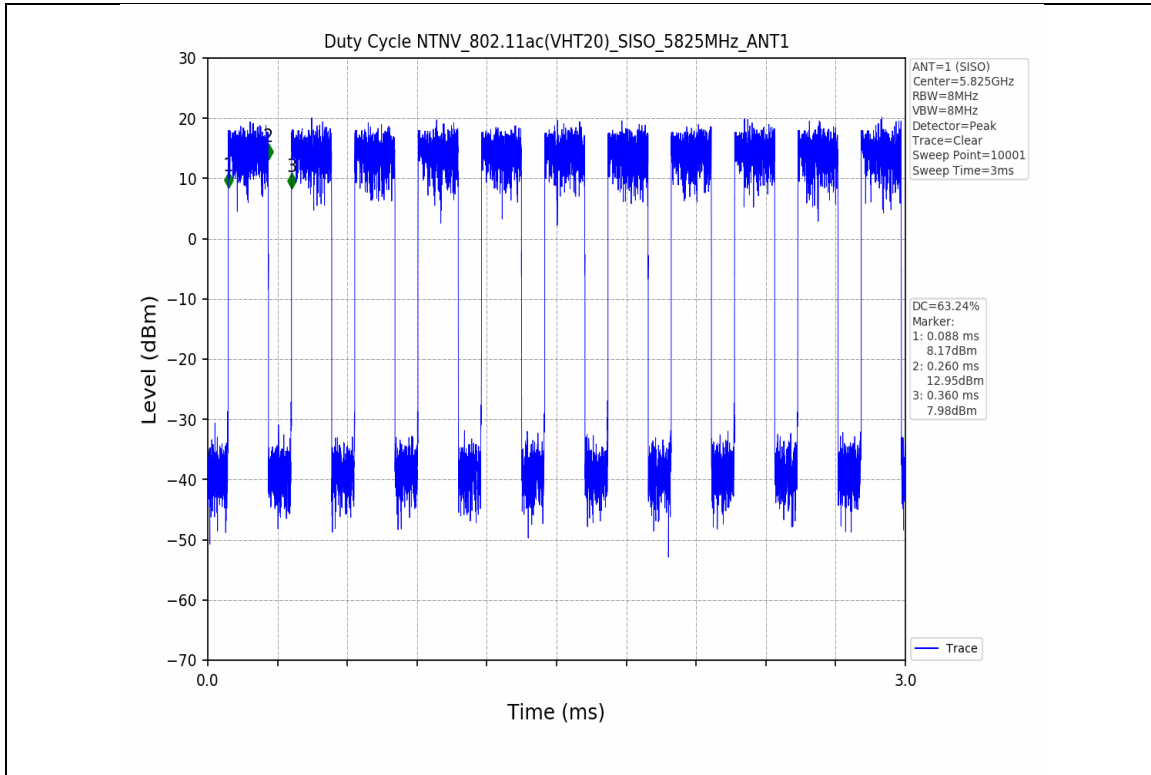


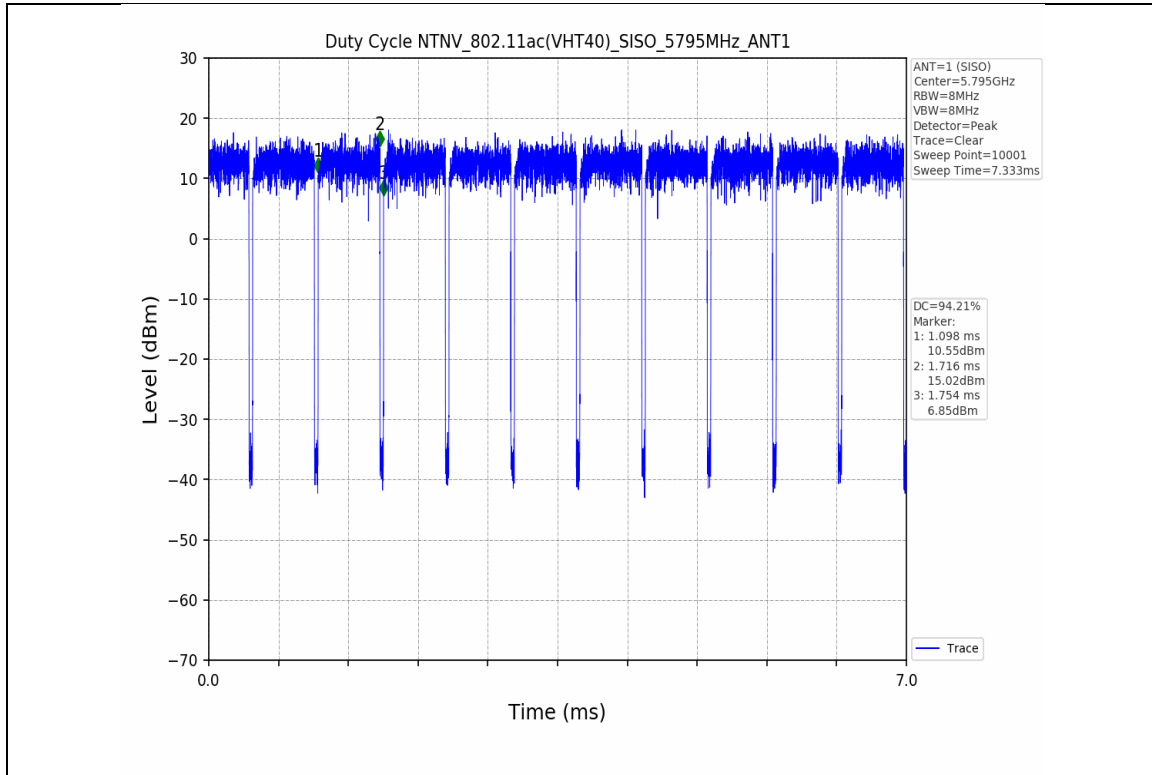












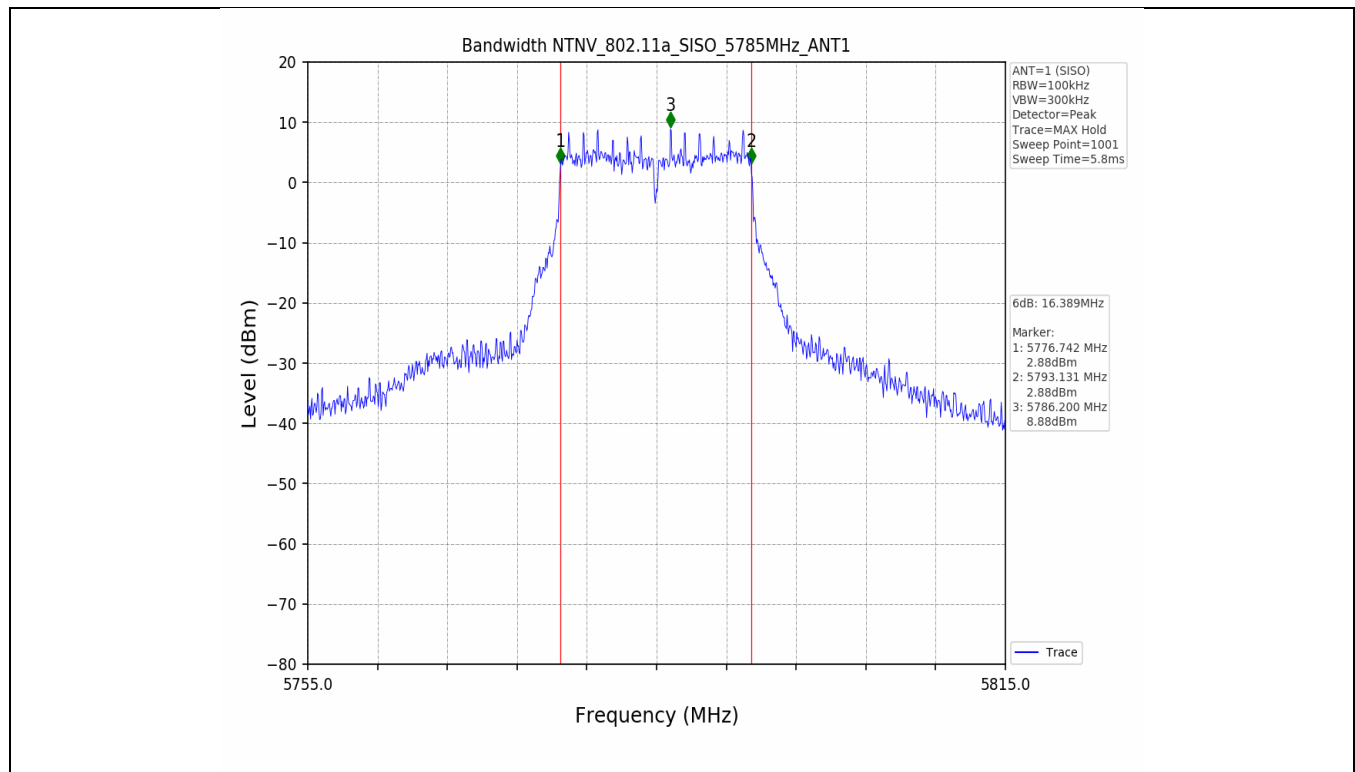
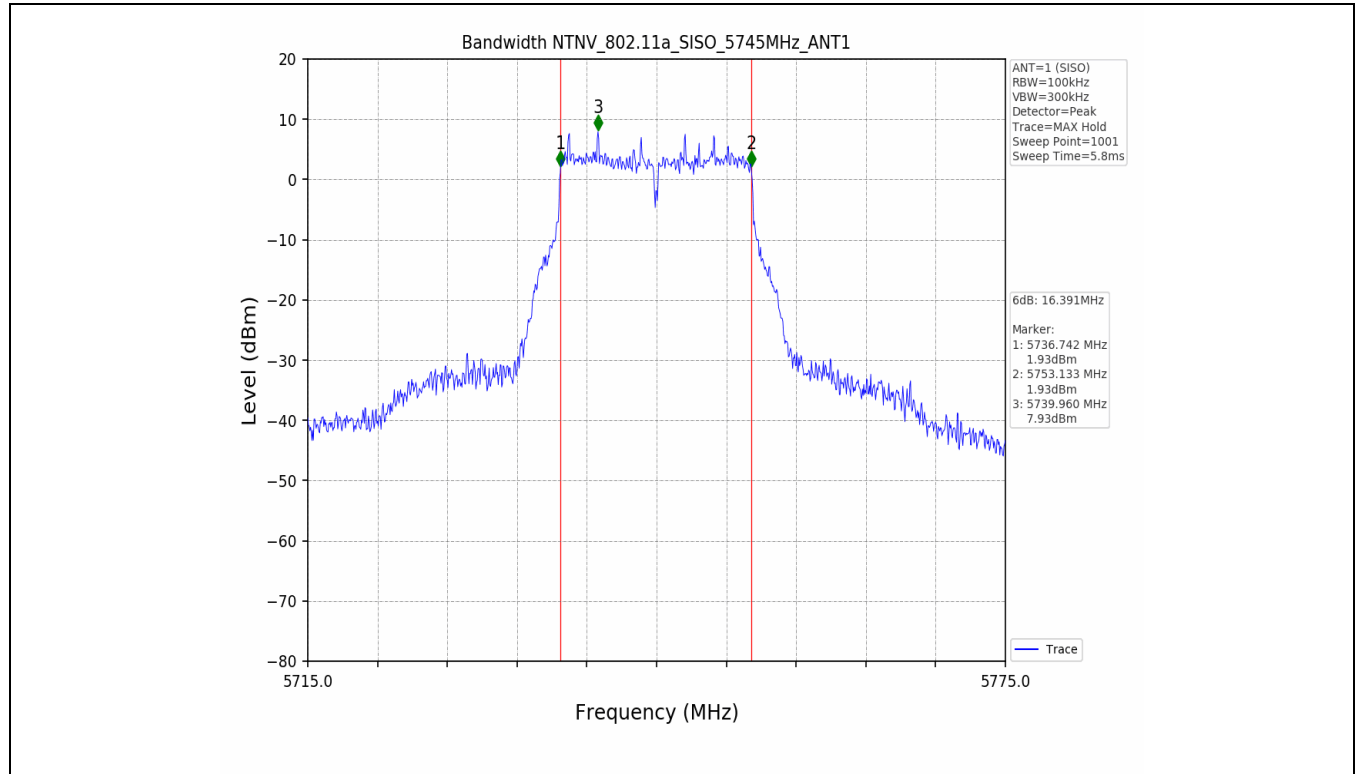
2. Bandwidth

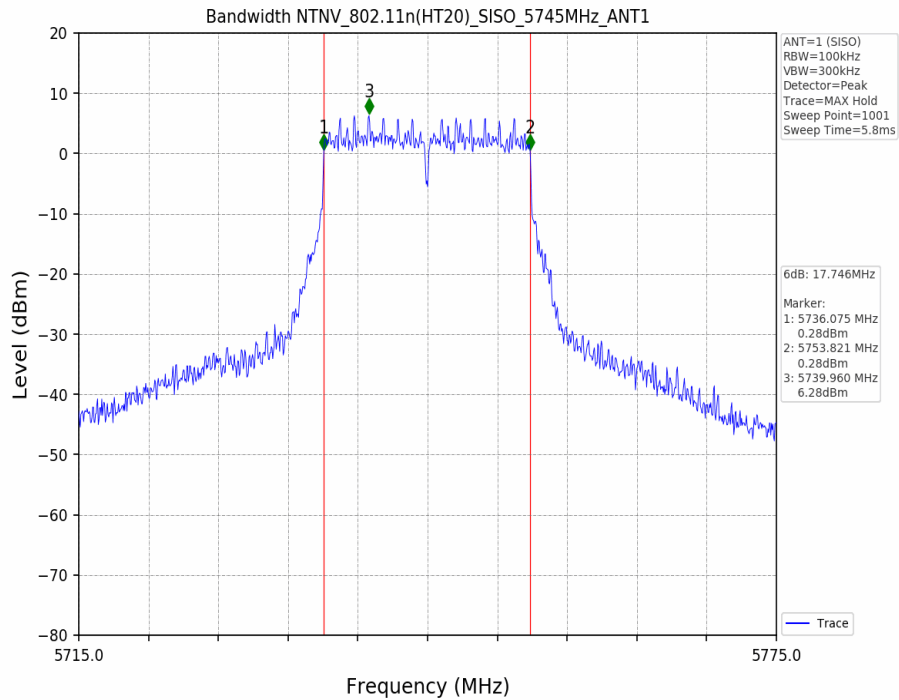
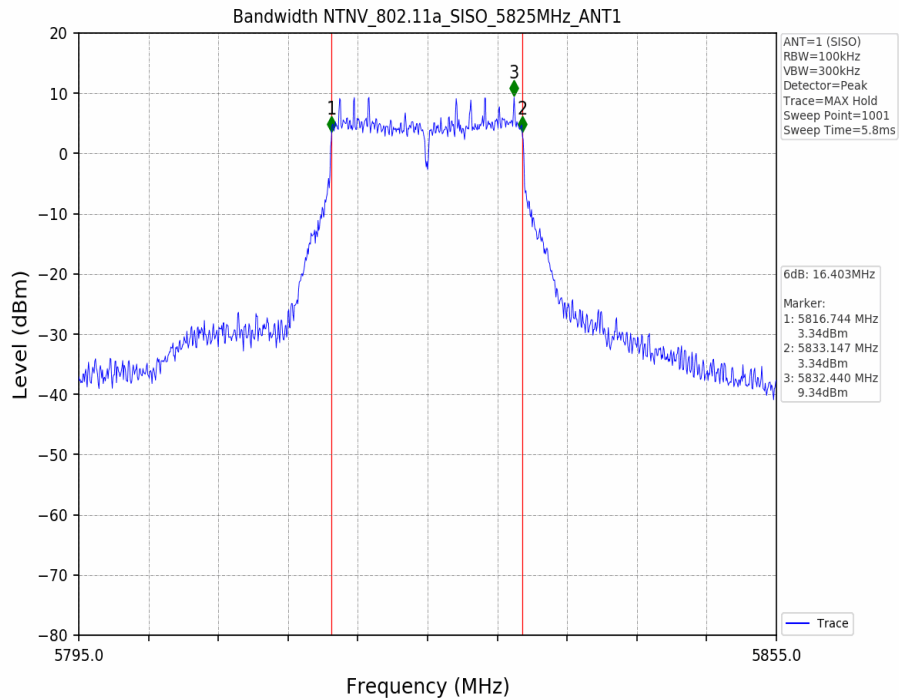
2.1 Test Result

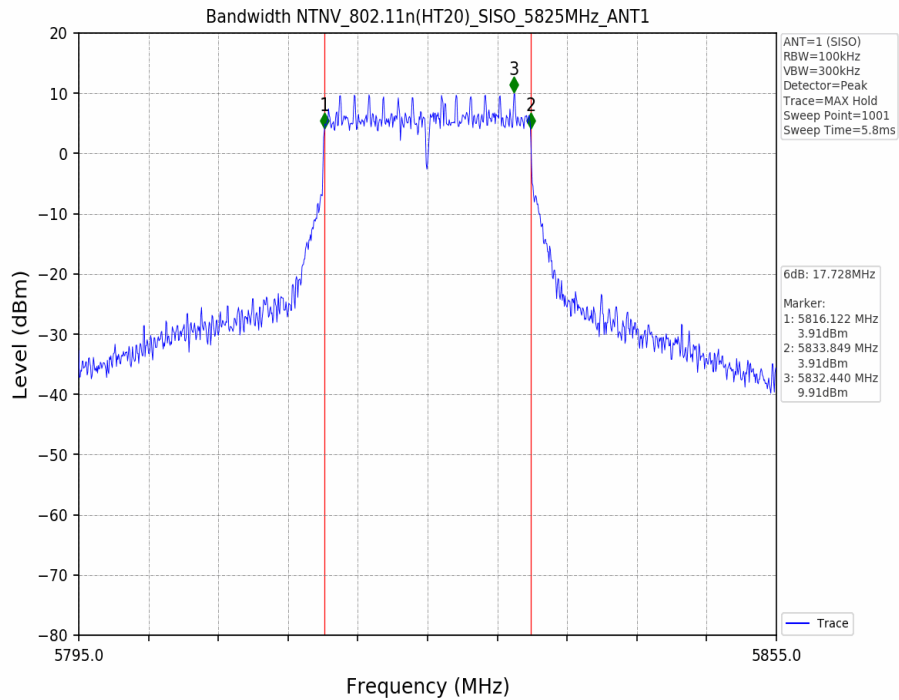
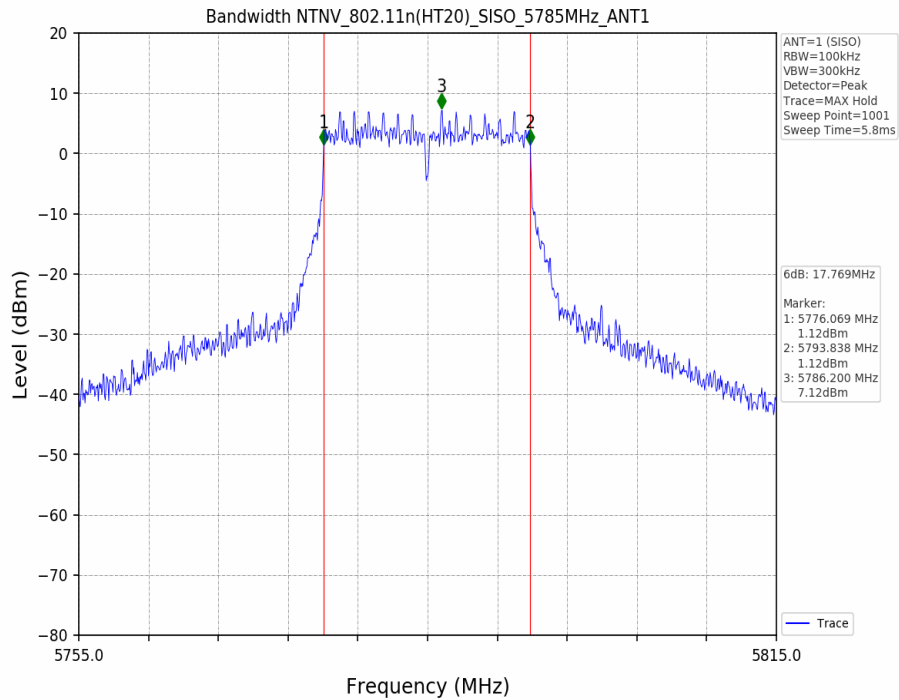
Test Mode	Frequency (MHz)	TX Type	ANT No.	Emission Bandwidth		Verdict
				Test Result (MHz)	Limits (MHz)	
802.11a	5745	SISO	1	16.391	≥0.5	PASS
	5785	SISO	1	16.389	≥0.5	PASS
	5825	SISO	1	16.403	≥0.5	PASS
802.11n(HT20)	5745	SISO	1	17.746	≥0.5	PASS
	5785	SISO	1	17.769	≥0.5	PASS
	5825	SISO	1	17.728	≥0.5	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

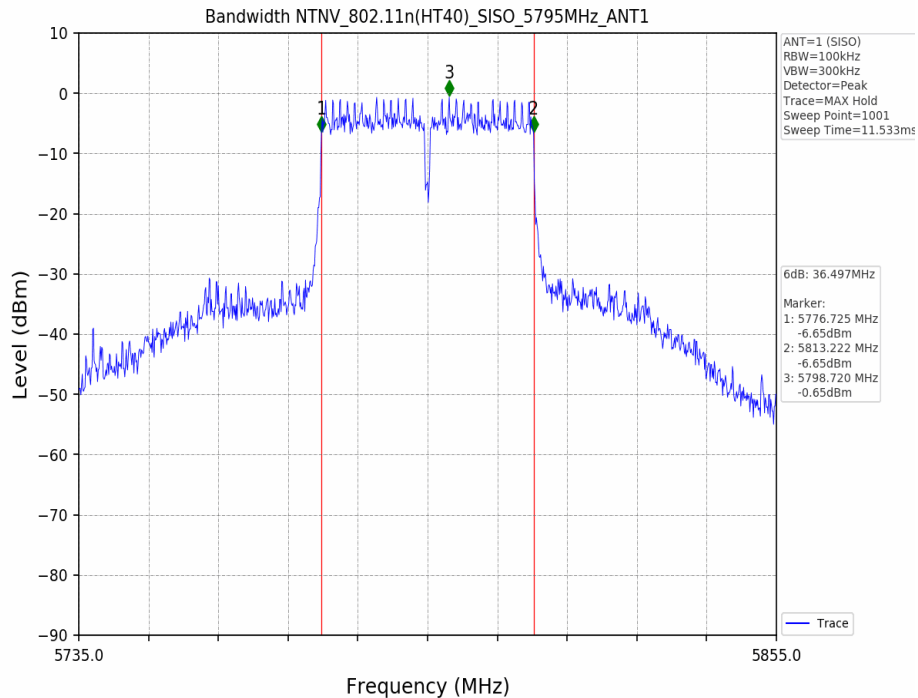
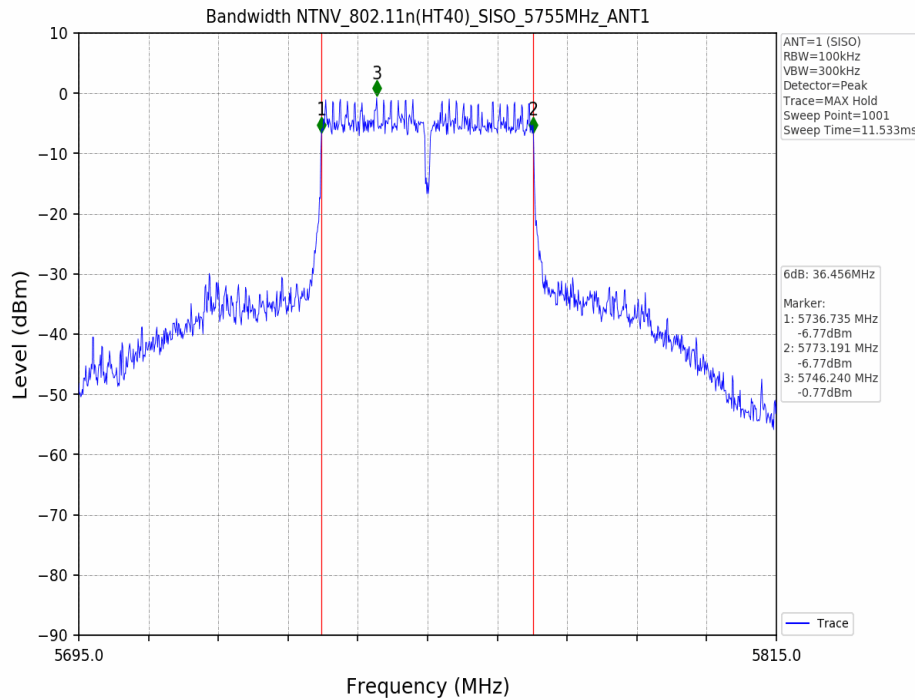
Test Mode	Frequency (MHz)	TX Type	ANT No.	99% Occupied Bandwidth	
				Test Result (MHz)	
802.11a	5745	SISO	1	17.169	Only for Report Use
	5785	SISO	1	17.311	Only for Report Use
	5825	SISO	1	17.219	Only for Report Use
802.11n(HT20)	5745	SISO	1	18.013	Only for Report Use
	5785	SISO	1	17.989	Only for Report 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

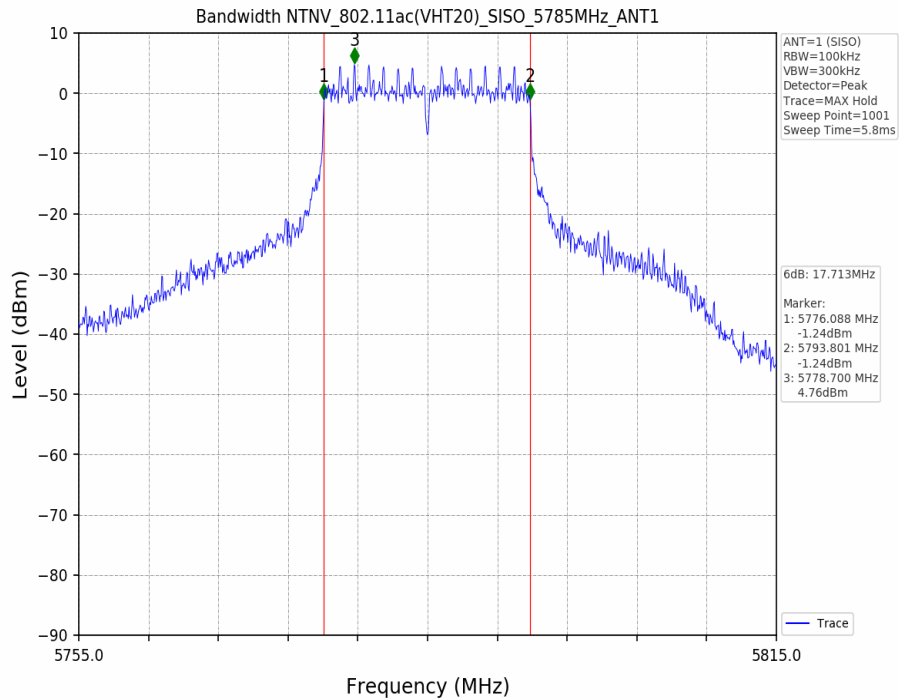
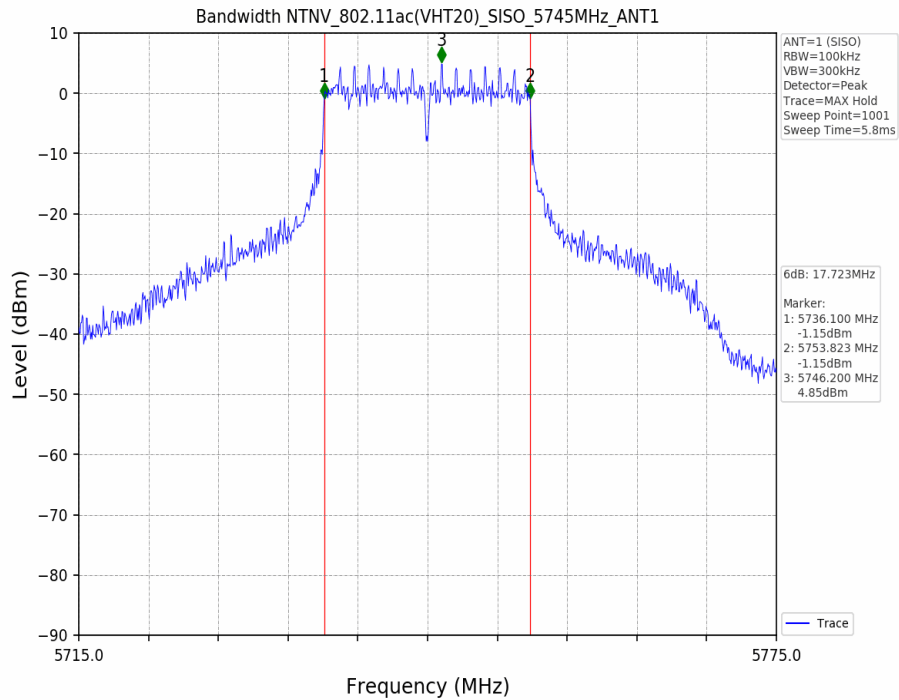
2.2 Test Graph - Emission Bandwidth

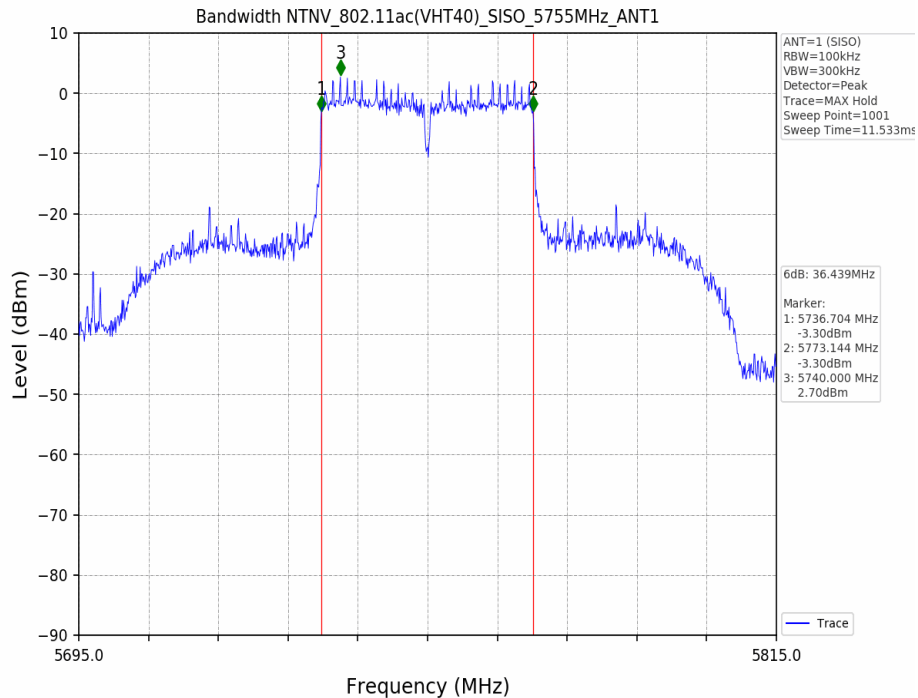
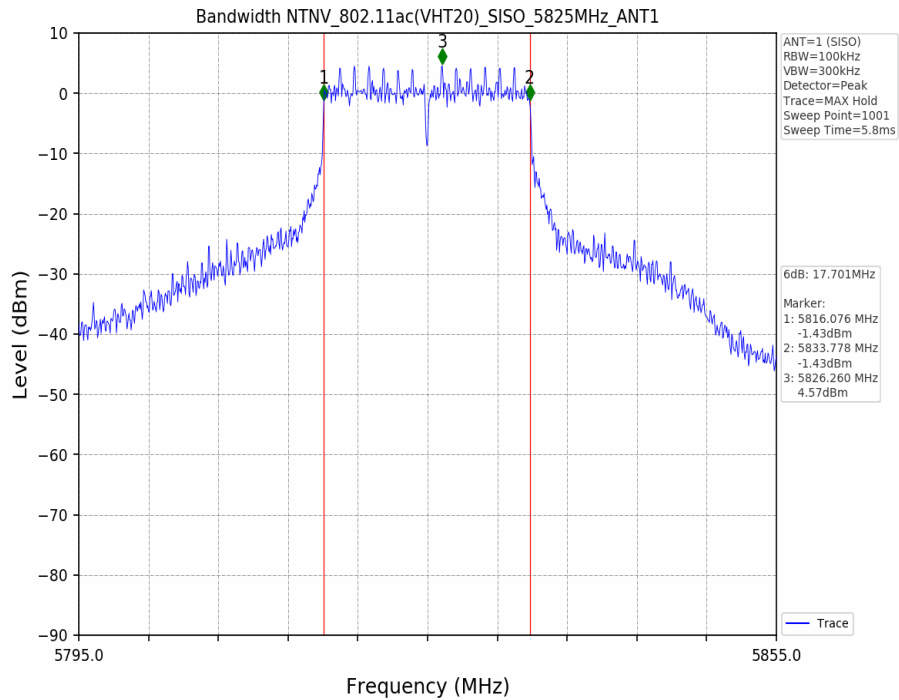


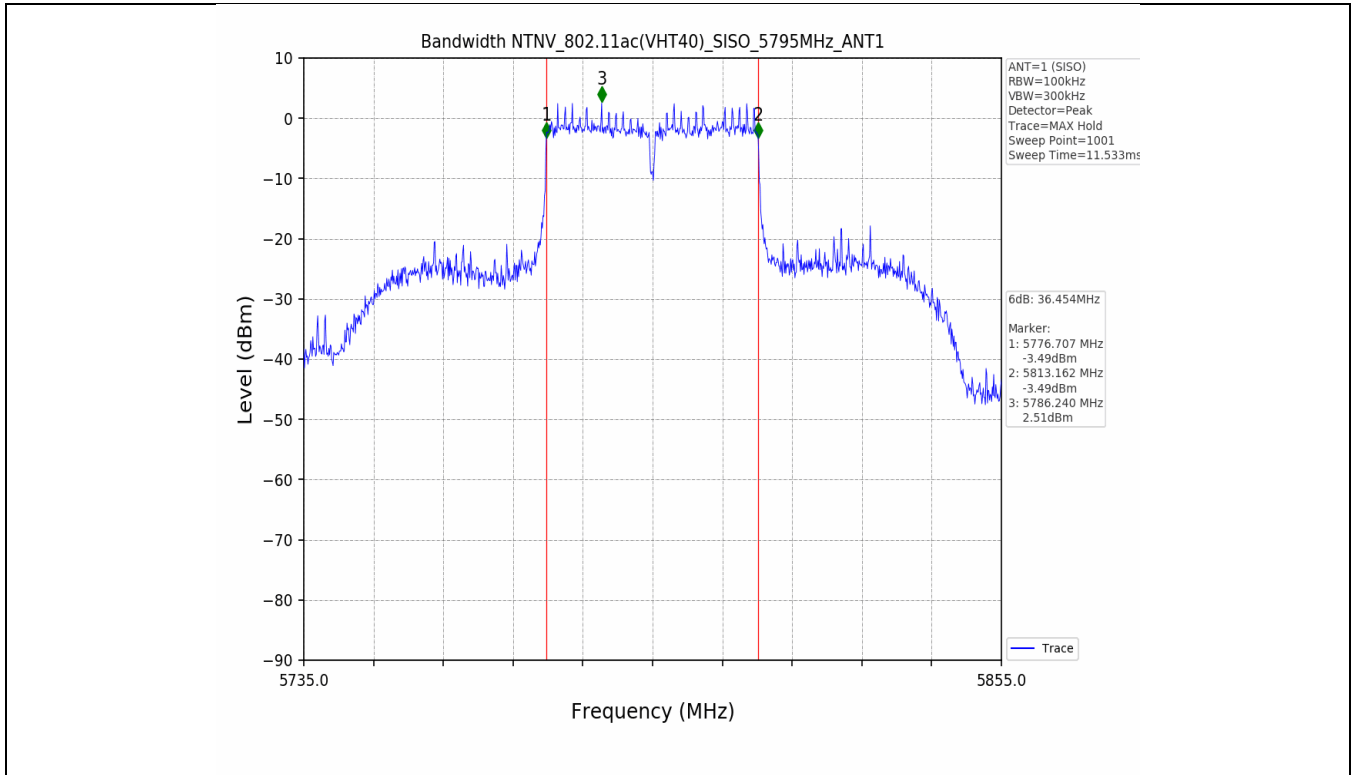




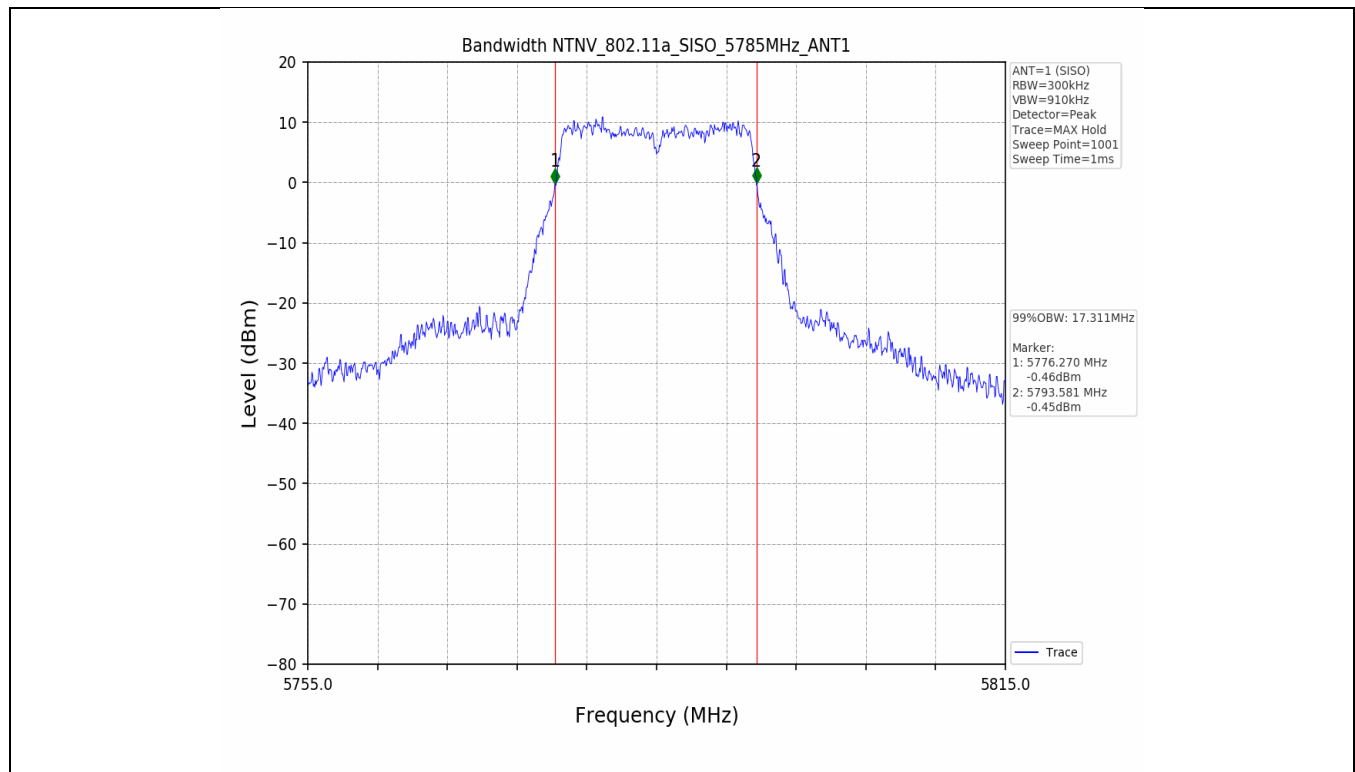
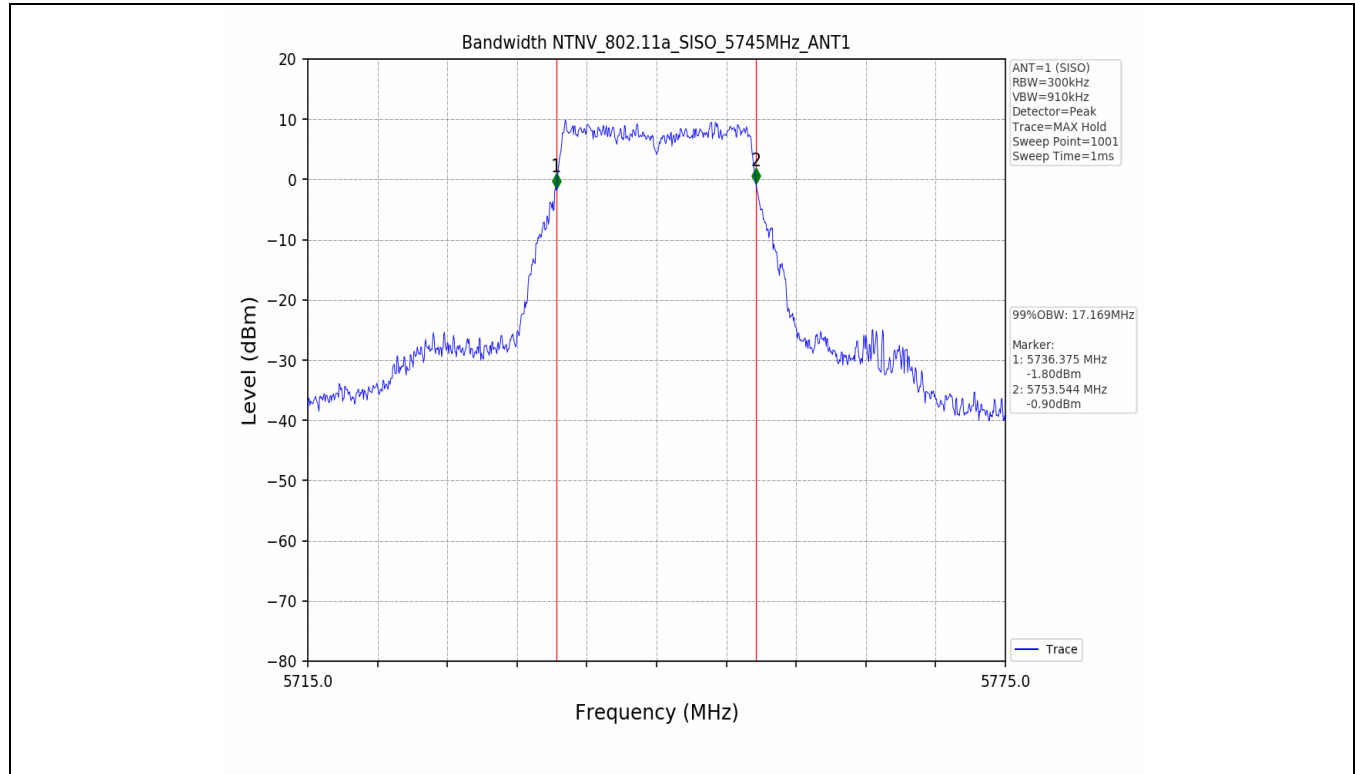


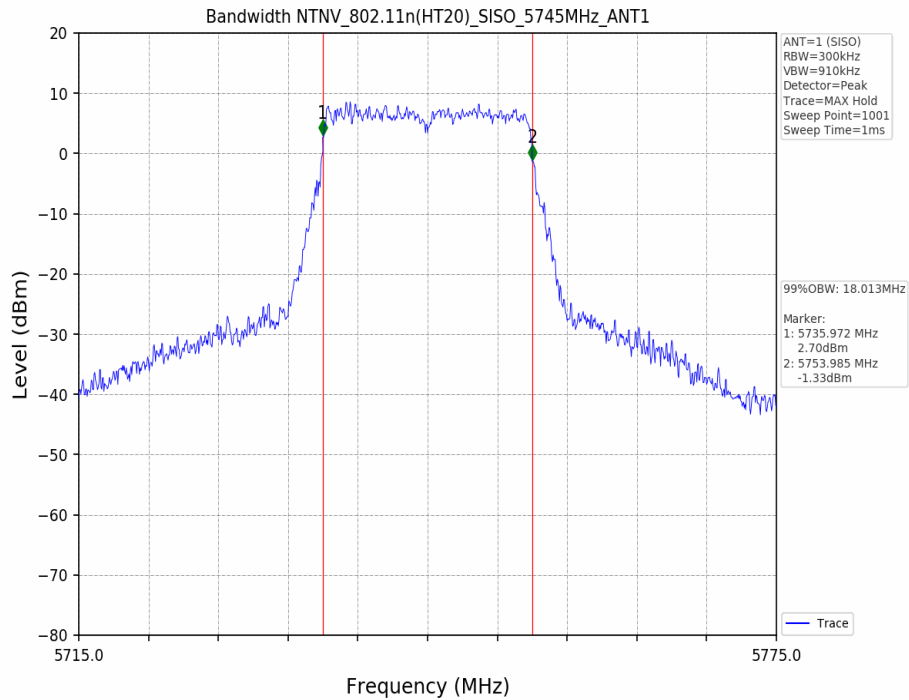
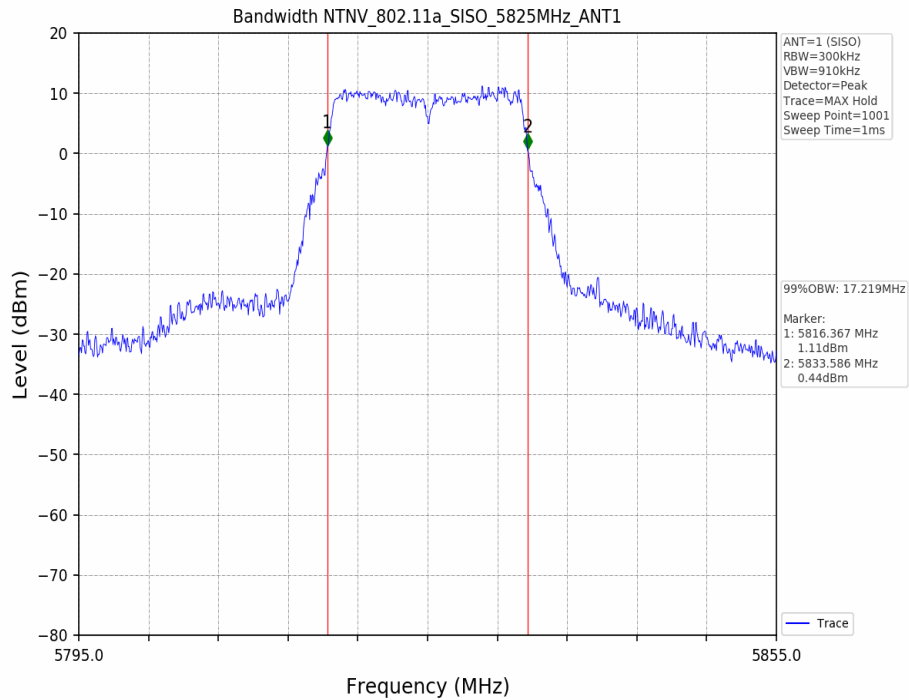


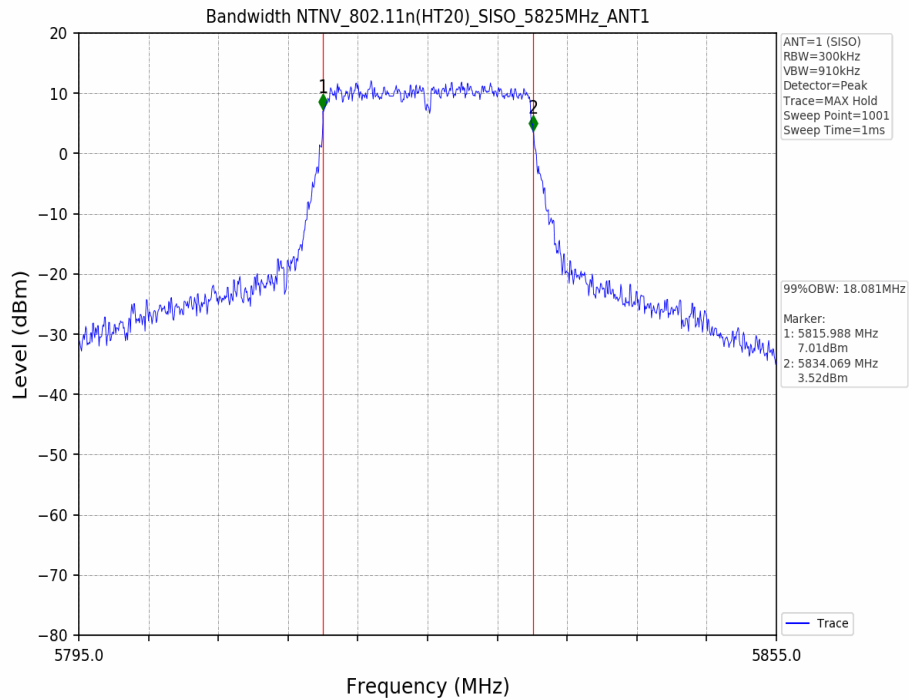
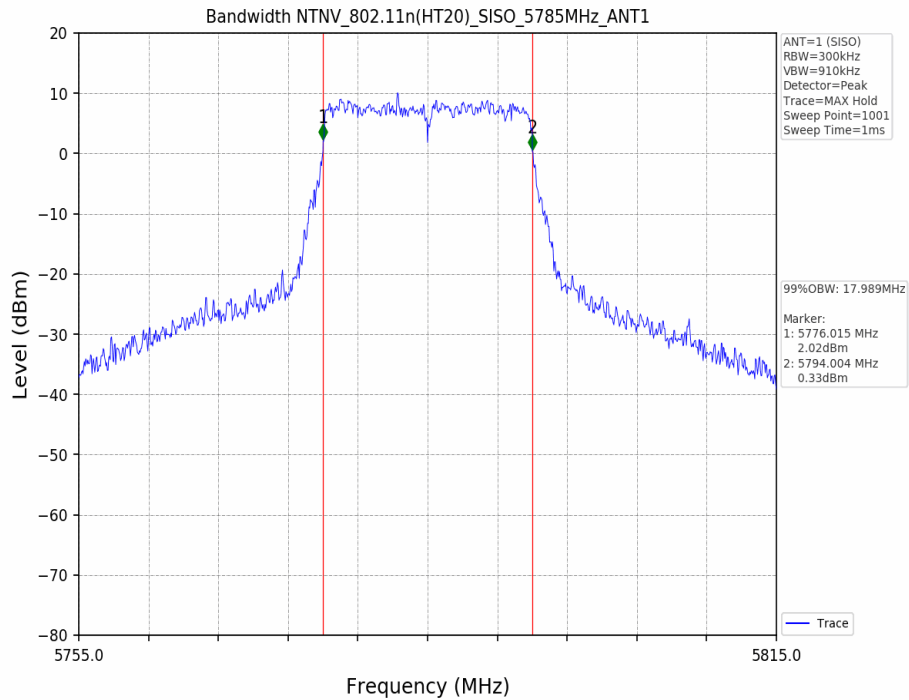


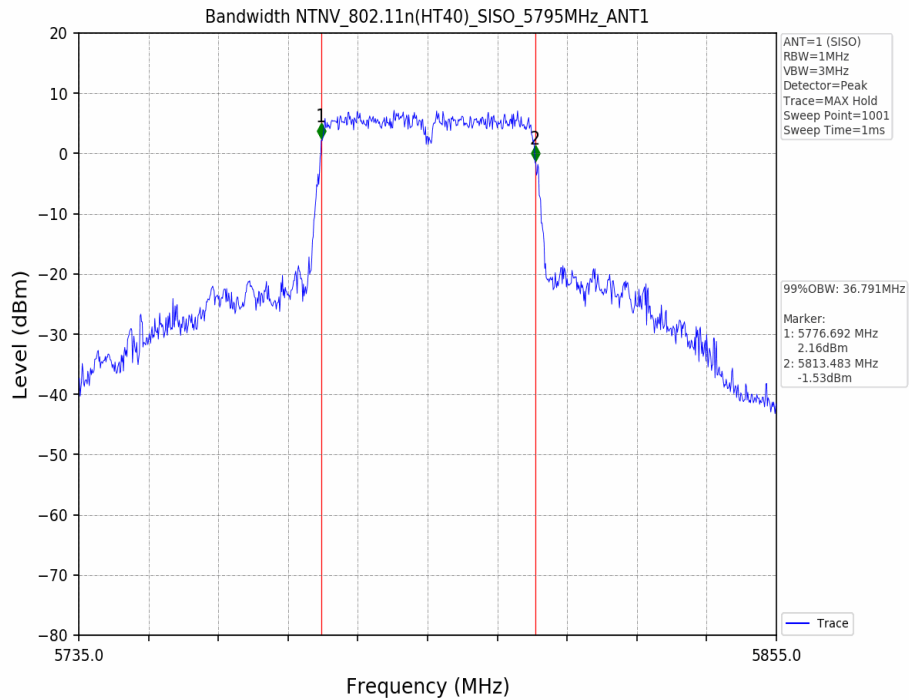
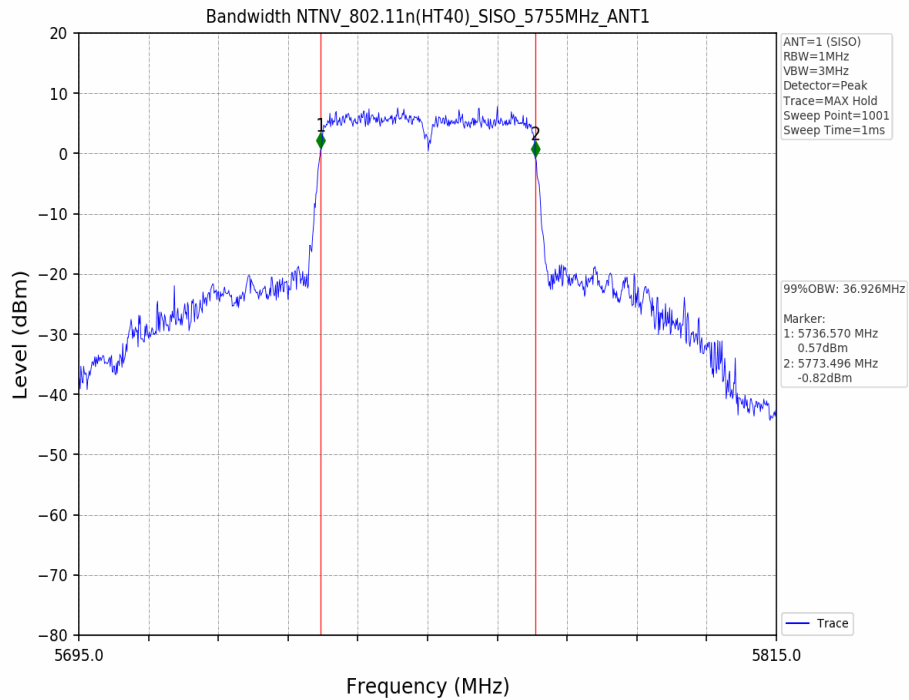


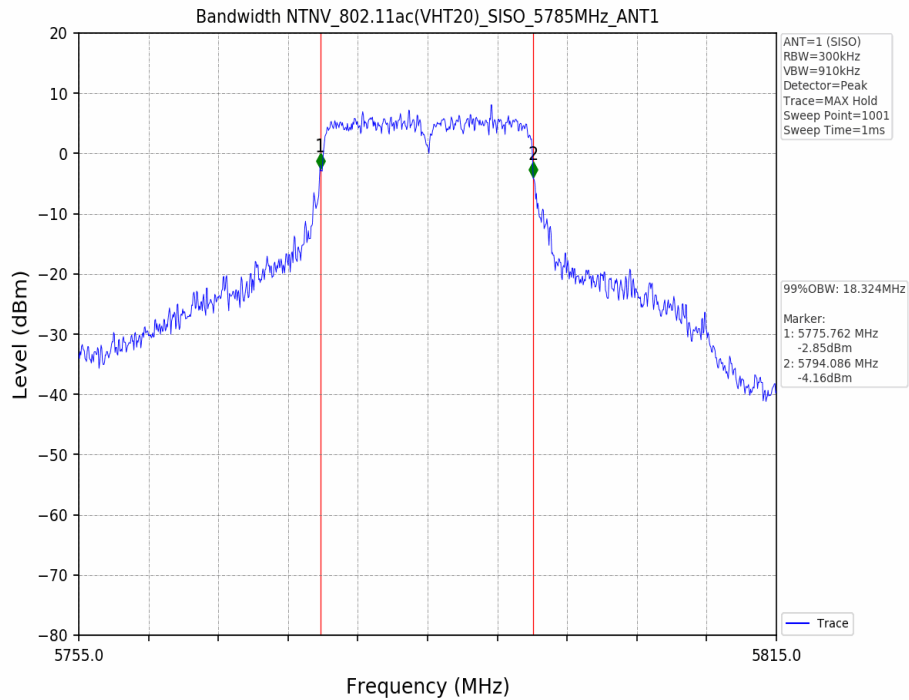
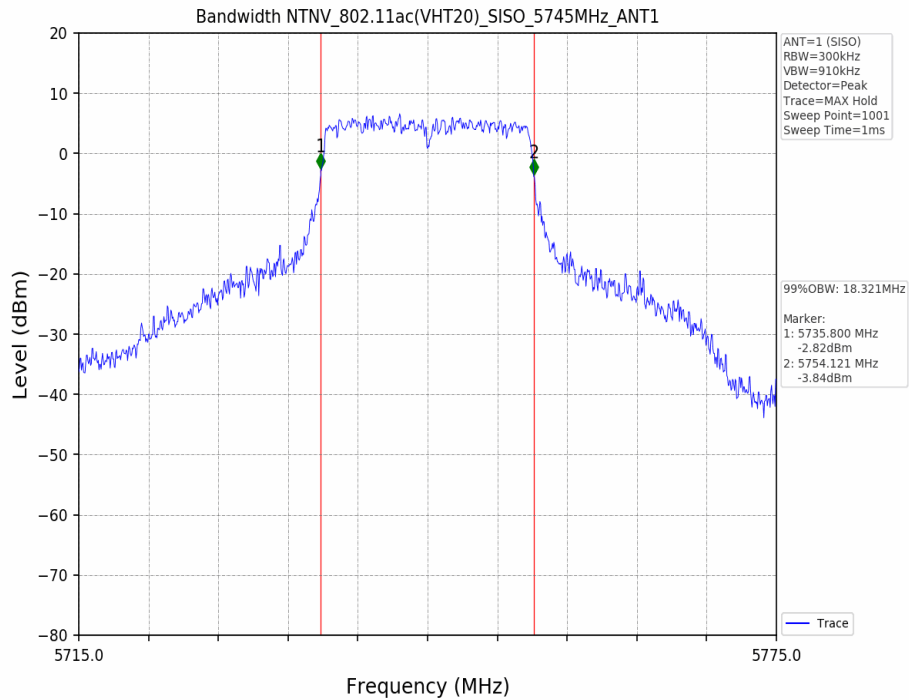
2.3 Test Graph - 99% Occupied Bandwidth

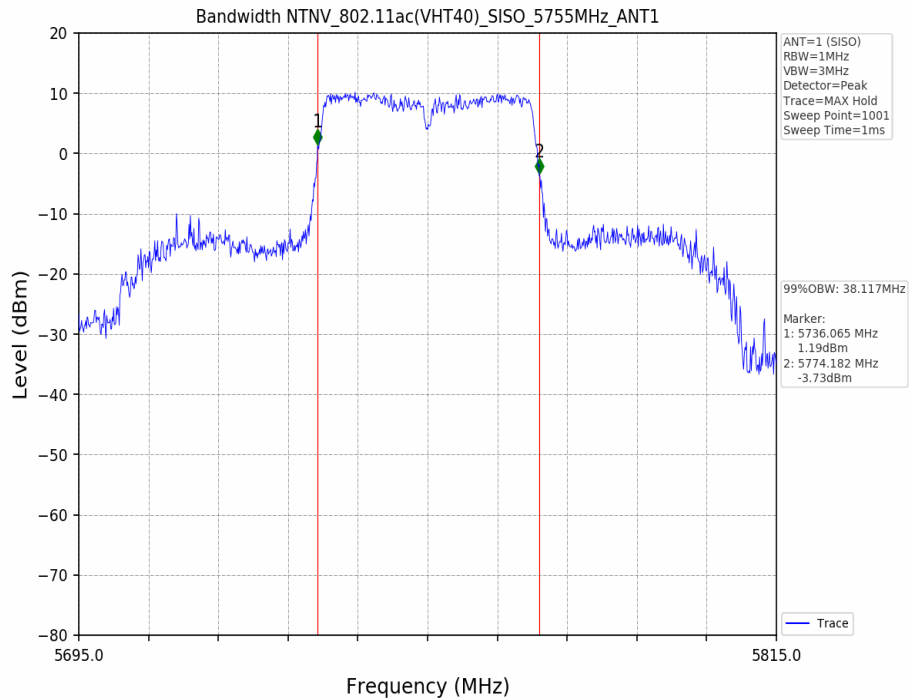
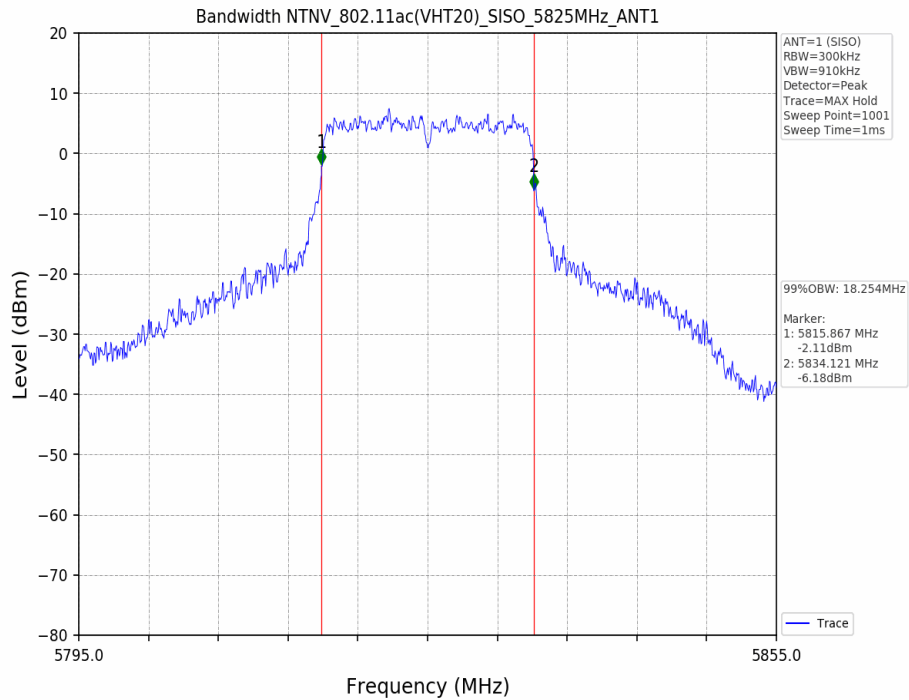


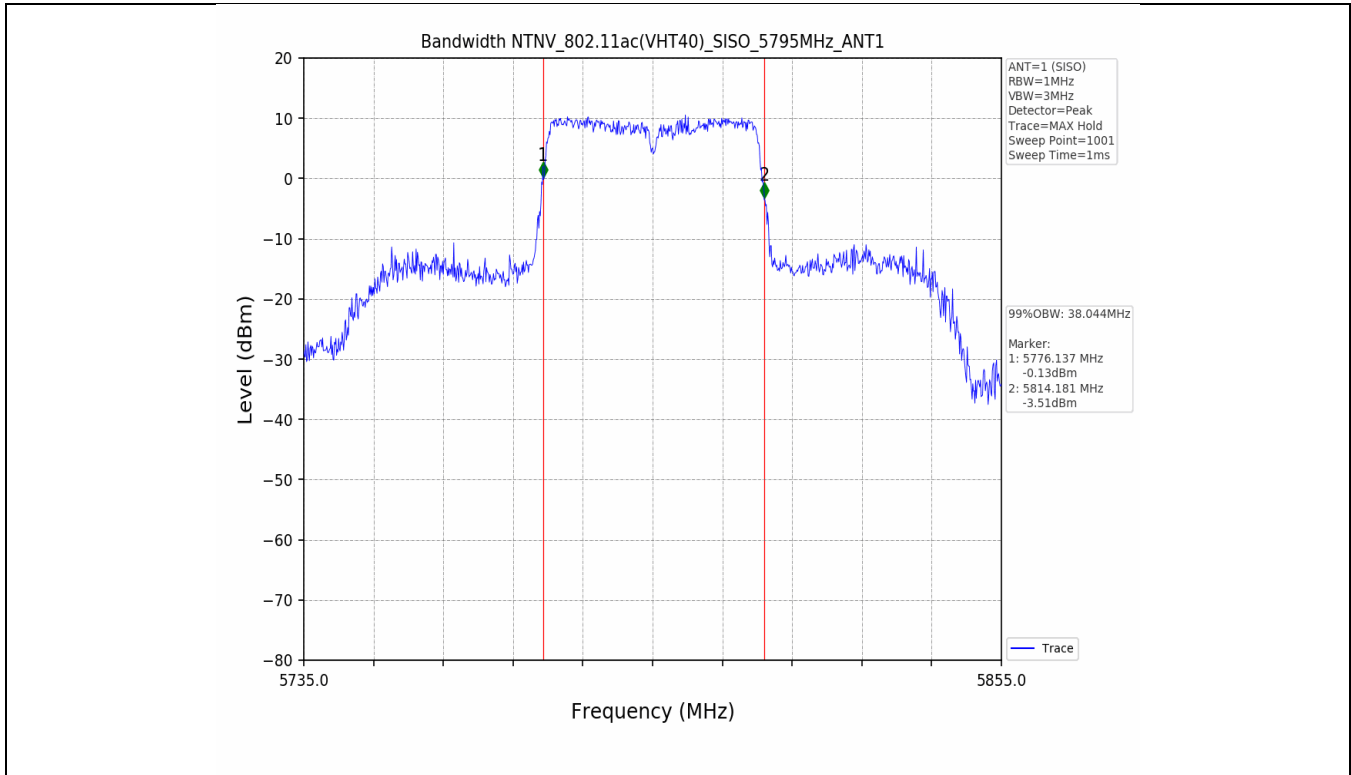












3. Maximum Conducted Output Power

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

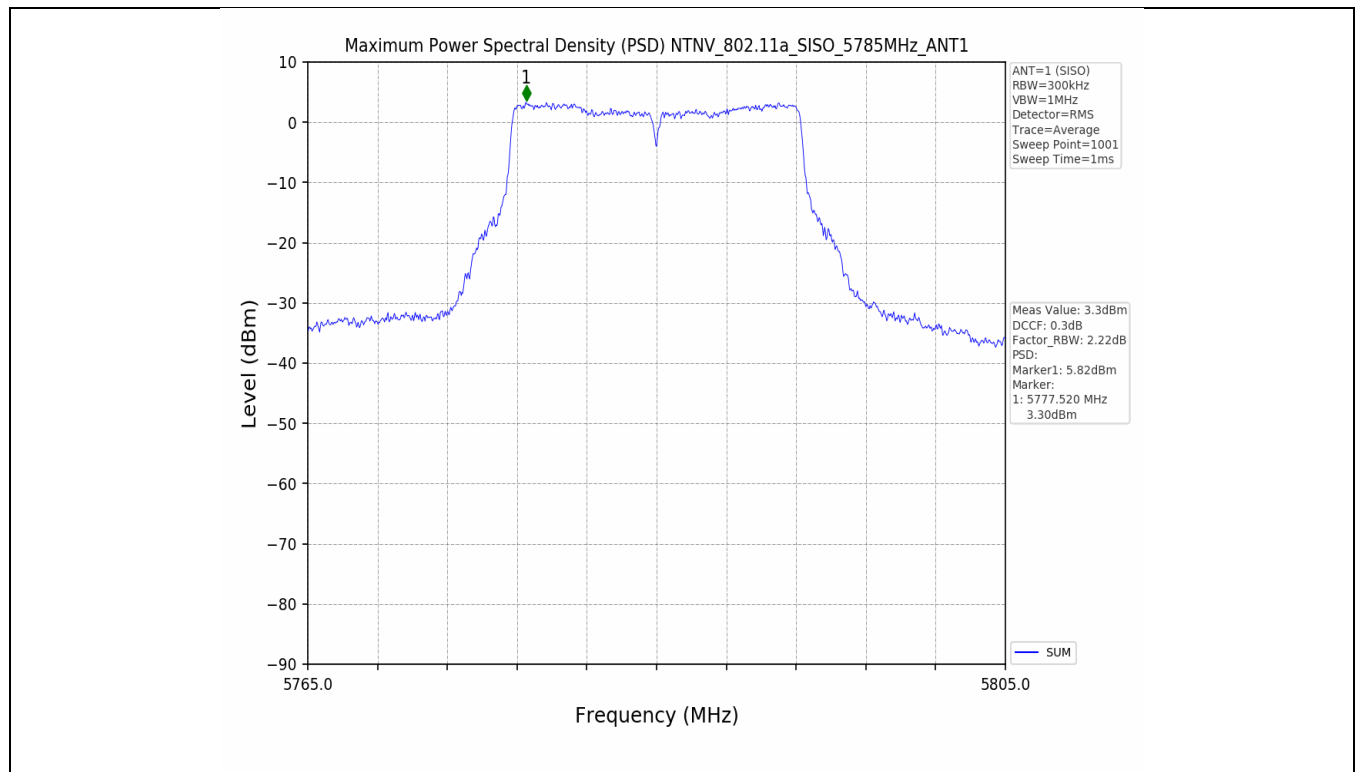
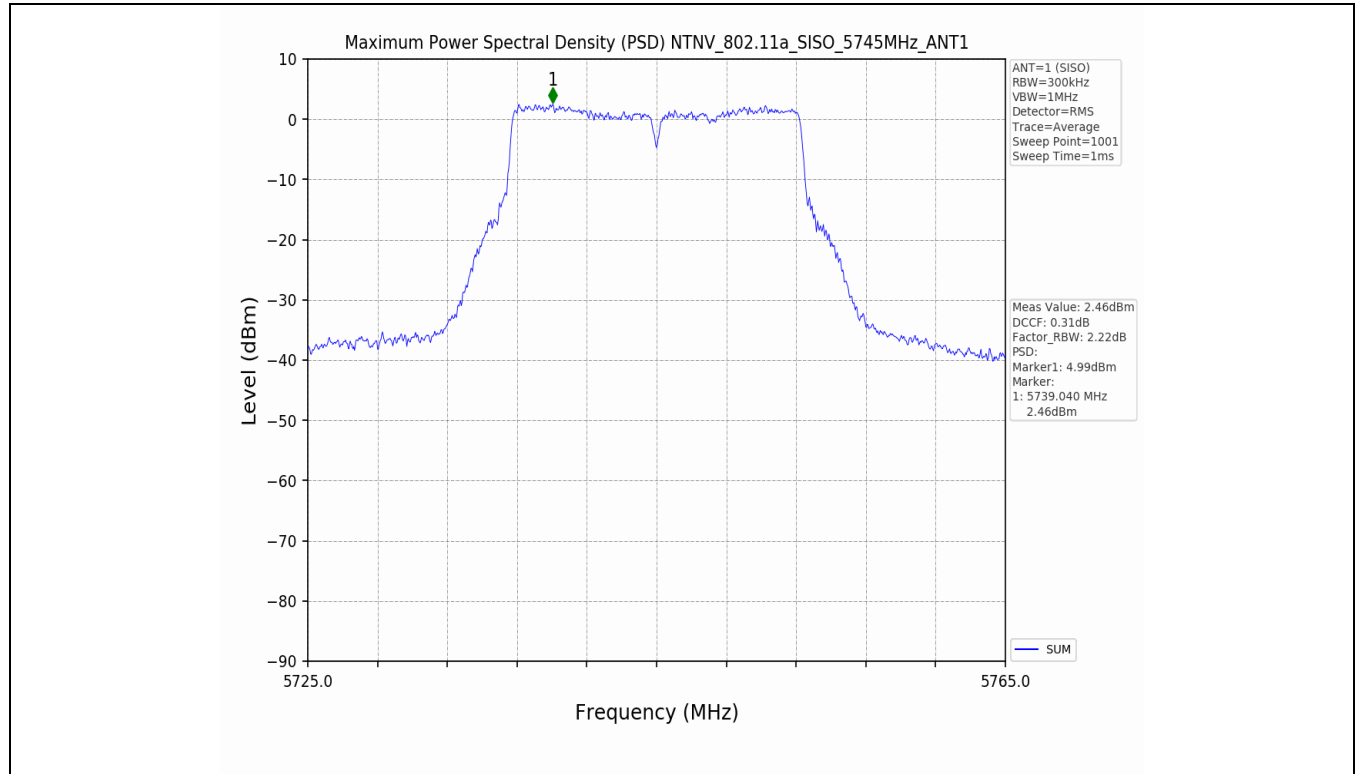
4. Maximum Power Spectral Density (PSD)

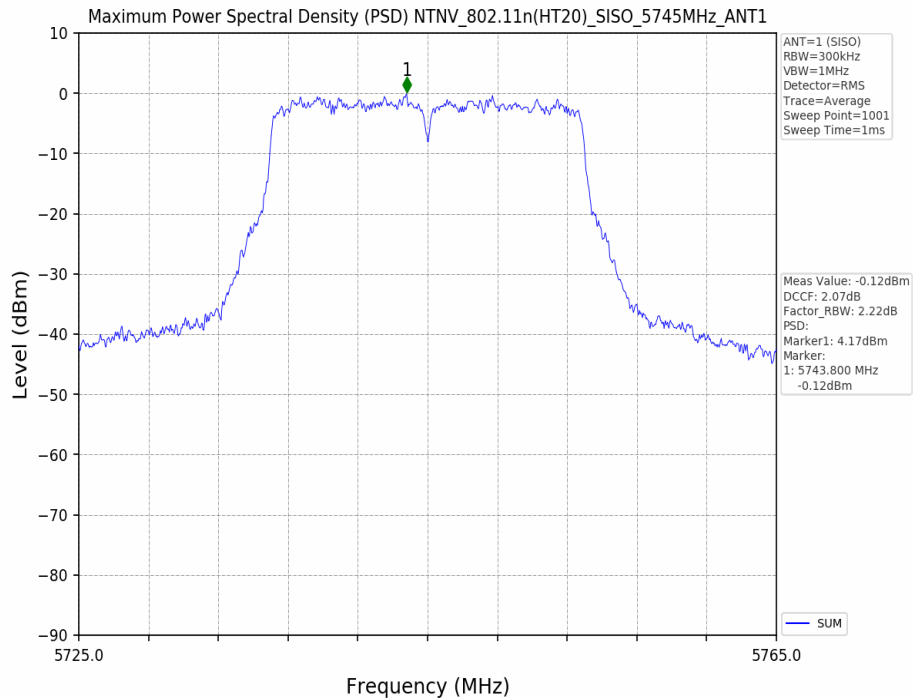
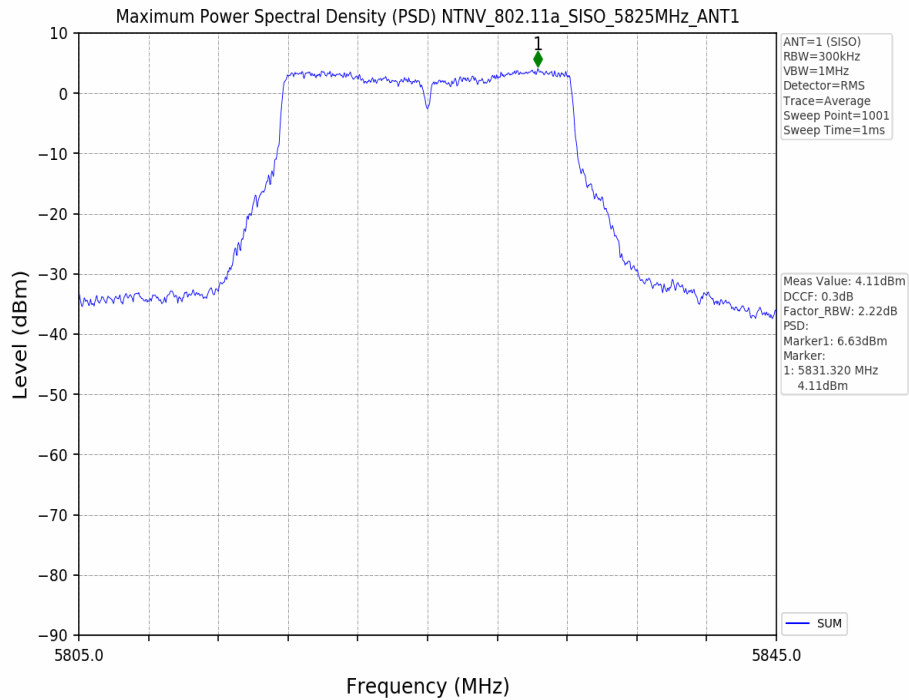
4.1 Test Result

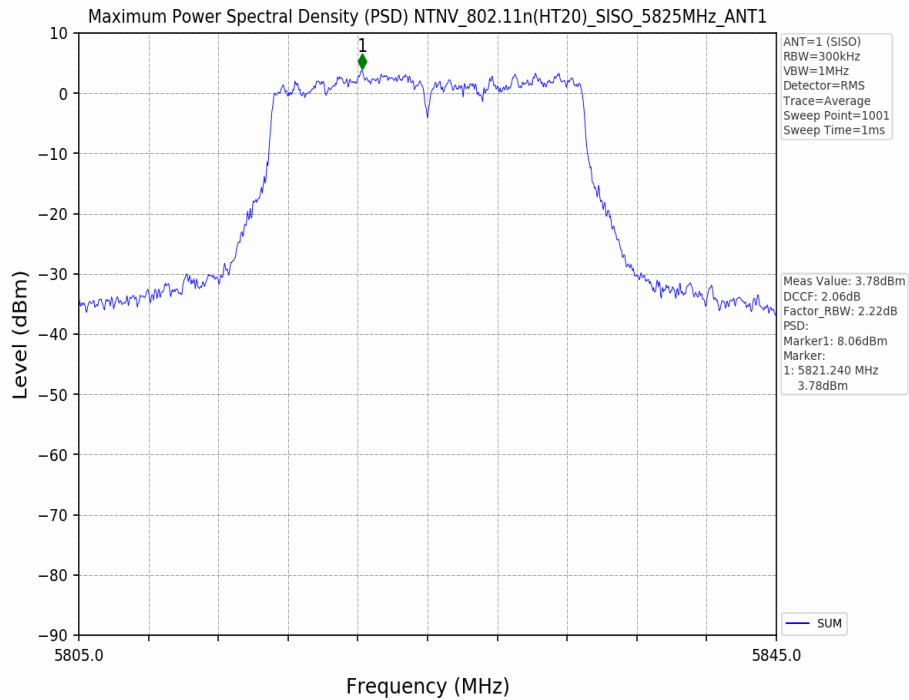
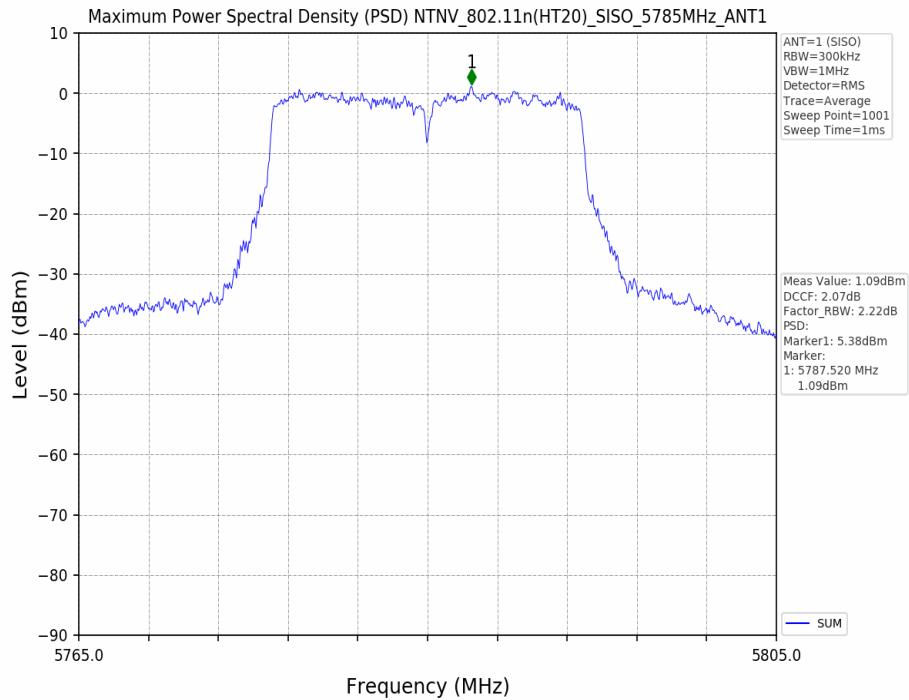
Test Mode	Frequency (MHz)	Tx Type	Maximum Power Spectral Density (dBm/500kHz)	Limits (dBm/500kHz)	Verdict
			Ant 1		
802.11a	5745	SISO	4.99	≤30	PASS
	5785	SISO	5.82	≤30	PASS
	5825	SISO	6.63	≤30	PASS
802.11n(HT20)	5745	SISO	4.17	≤30	PASS
	5785	SISO	5.38	≤30	PASS
	5825	SISO	8.06	≤30	PASS
802.11n(HT40)	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

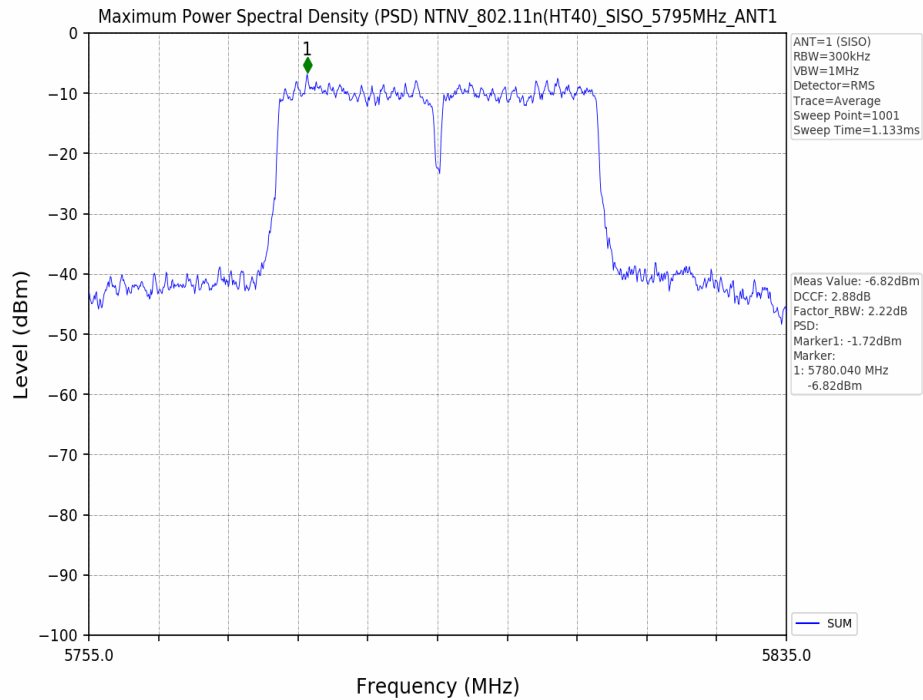
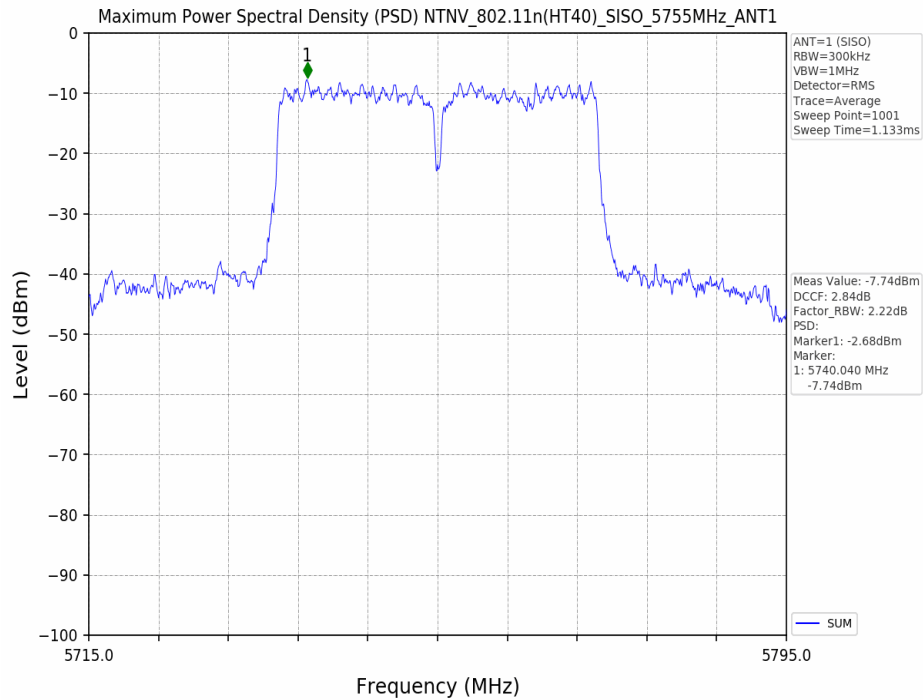
Note : 1.TheDuty Factor and RBW Factor($10\log(500\text{kHz}/\text{RBW})$)iscompensatedinthegraph.

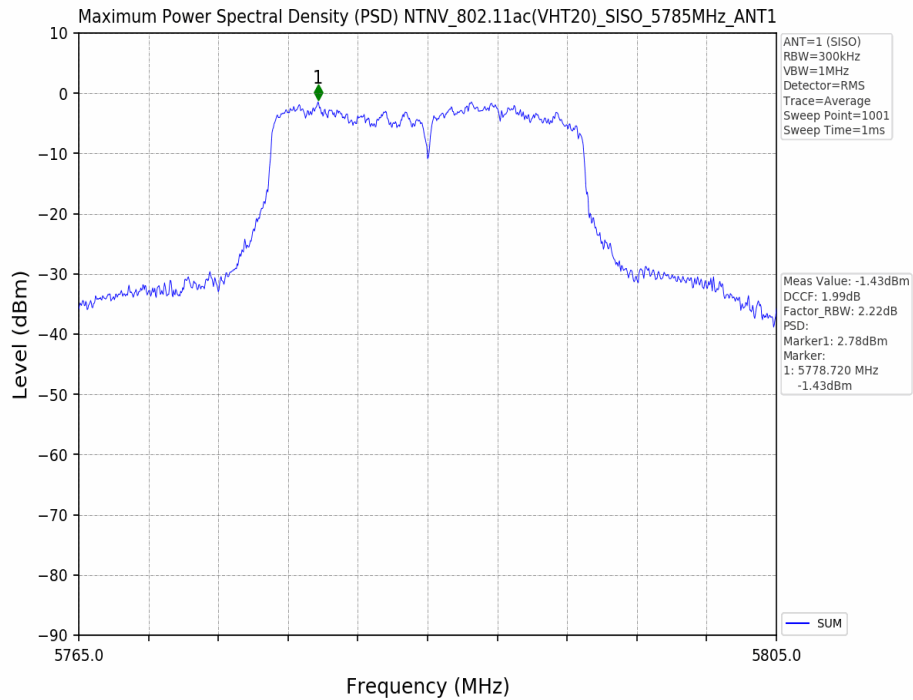
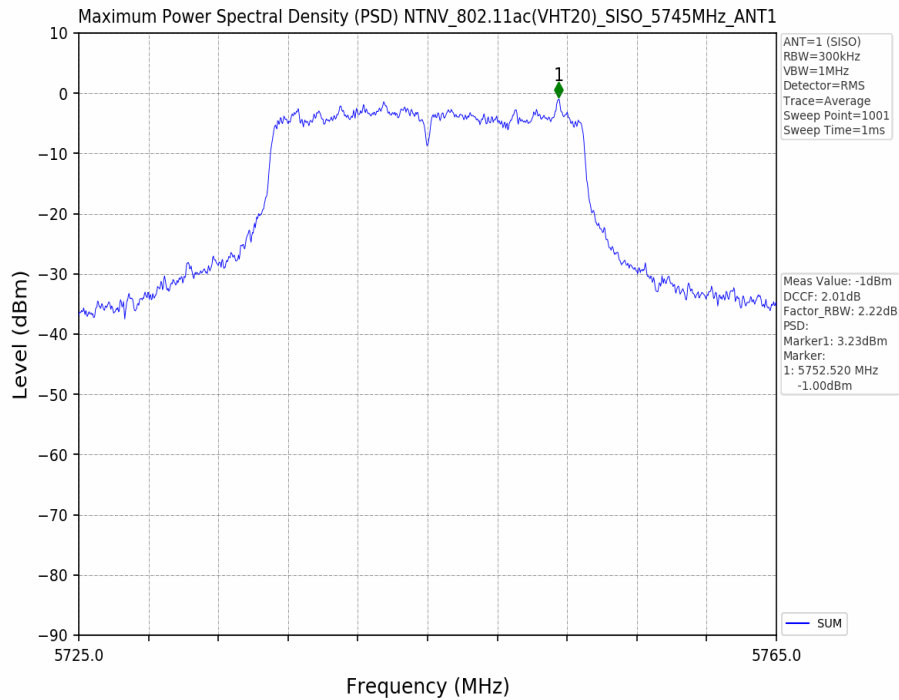
4.2 Test Graph

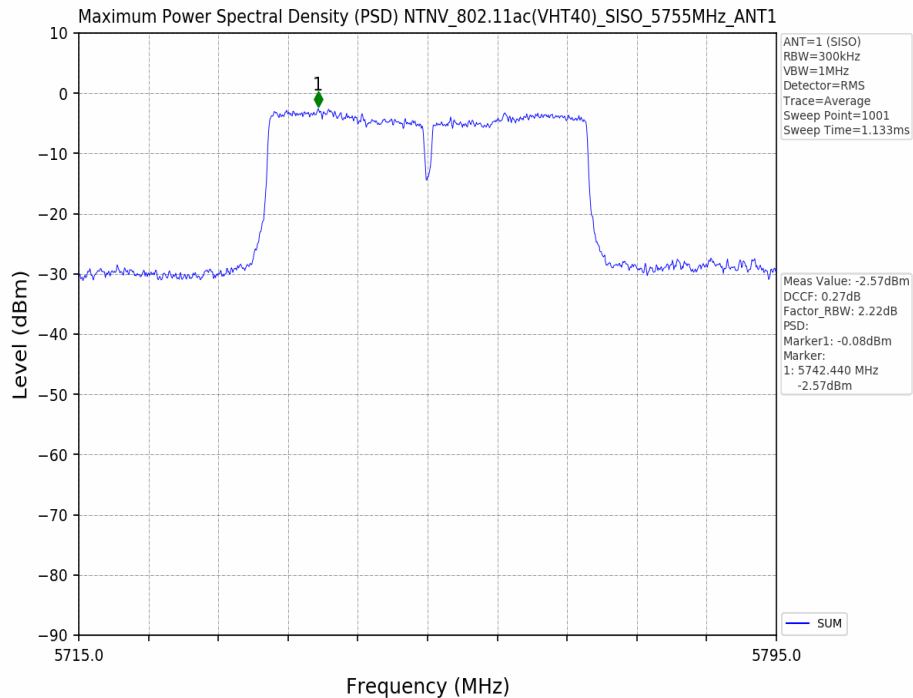
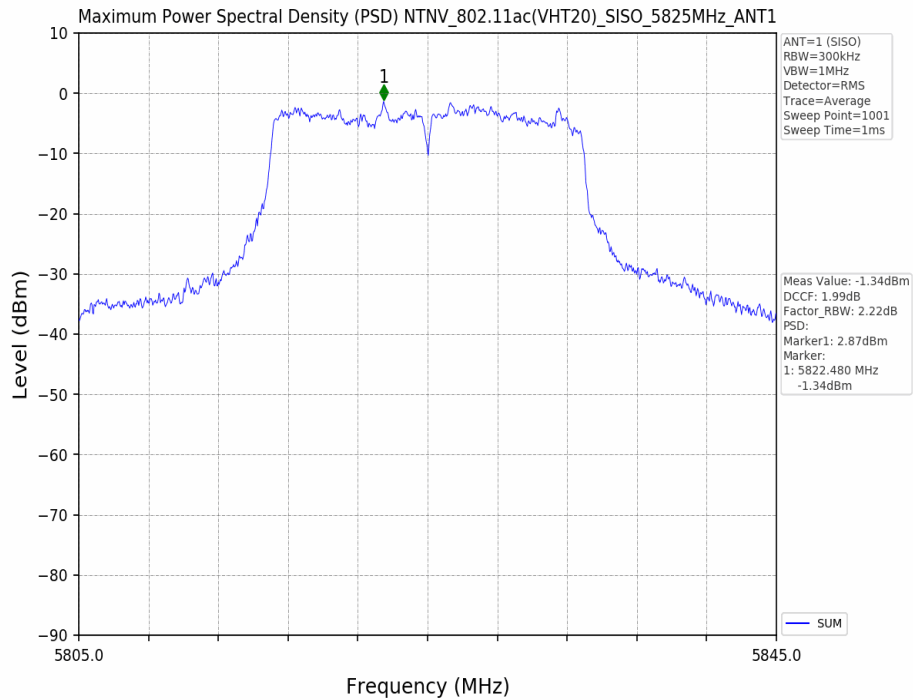


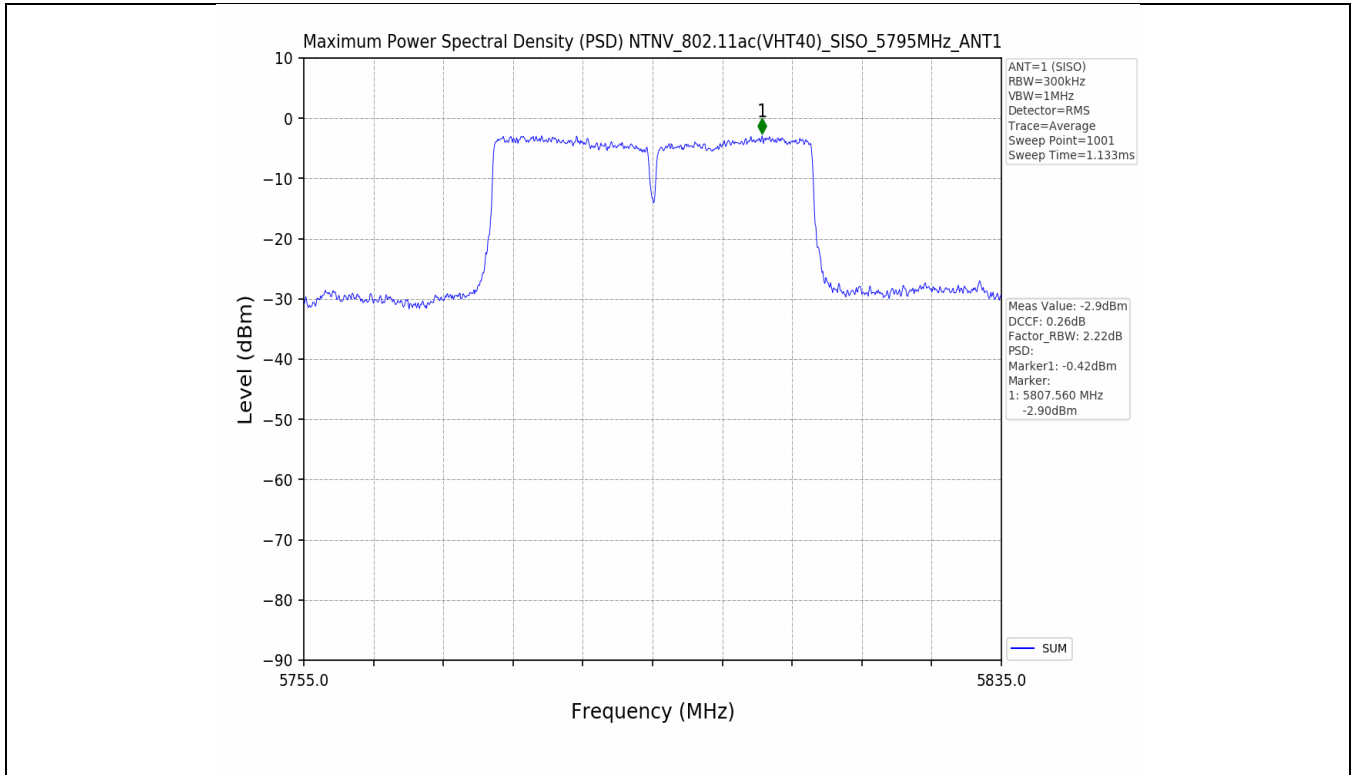












5. Frequency Stability

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-----