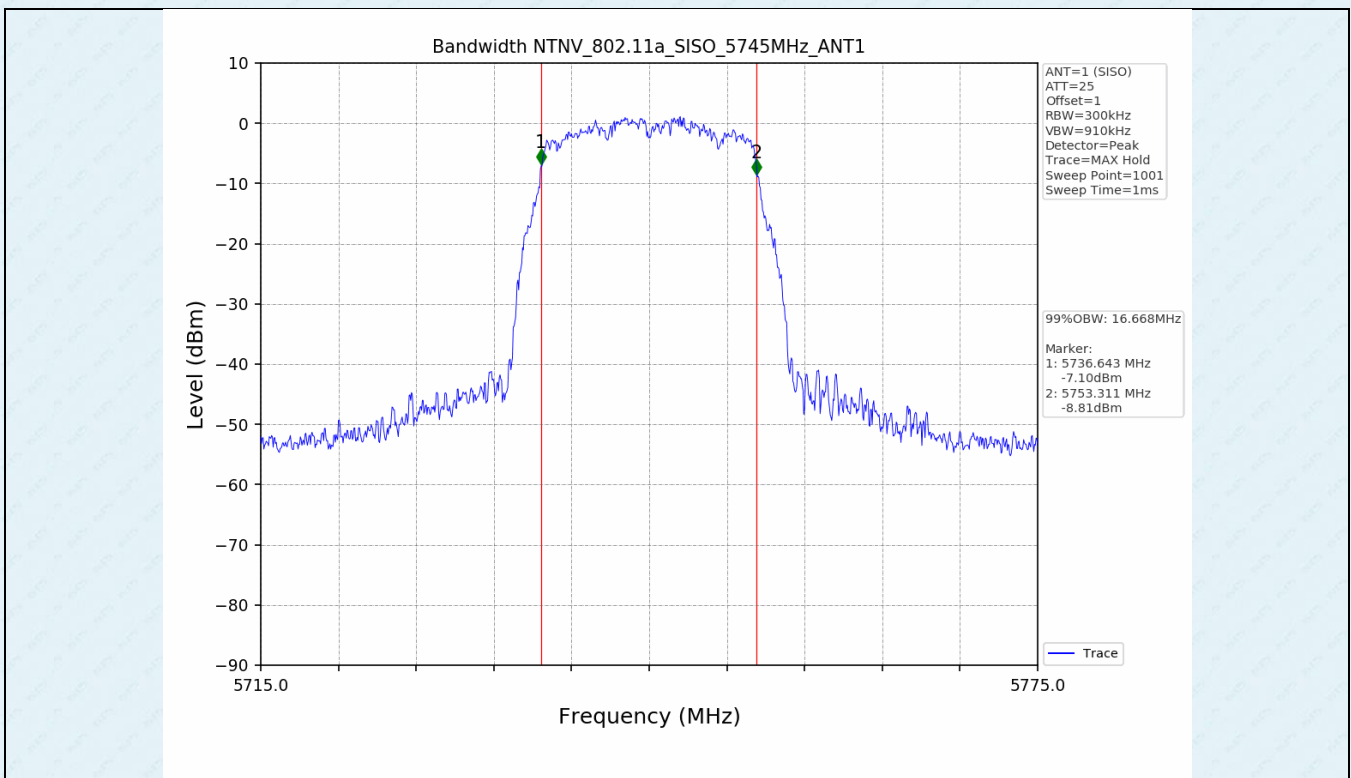
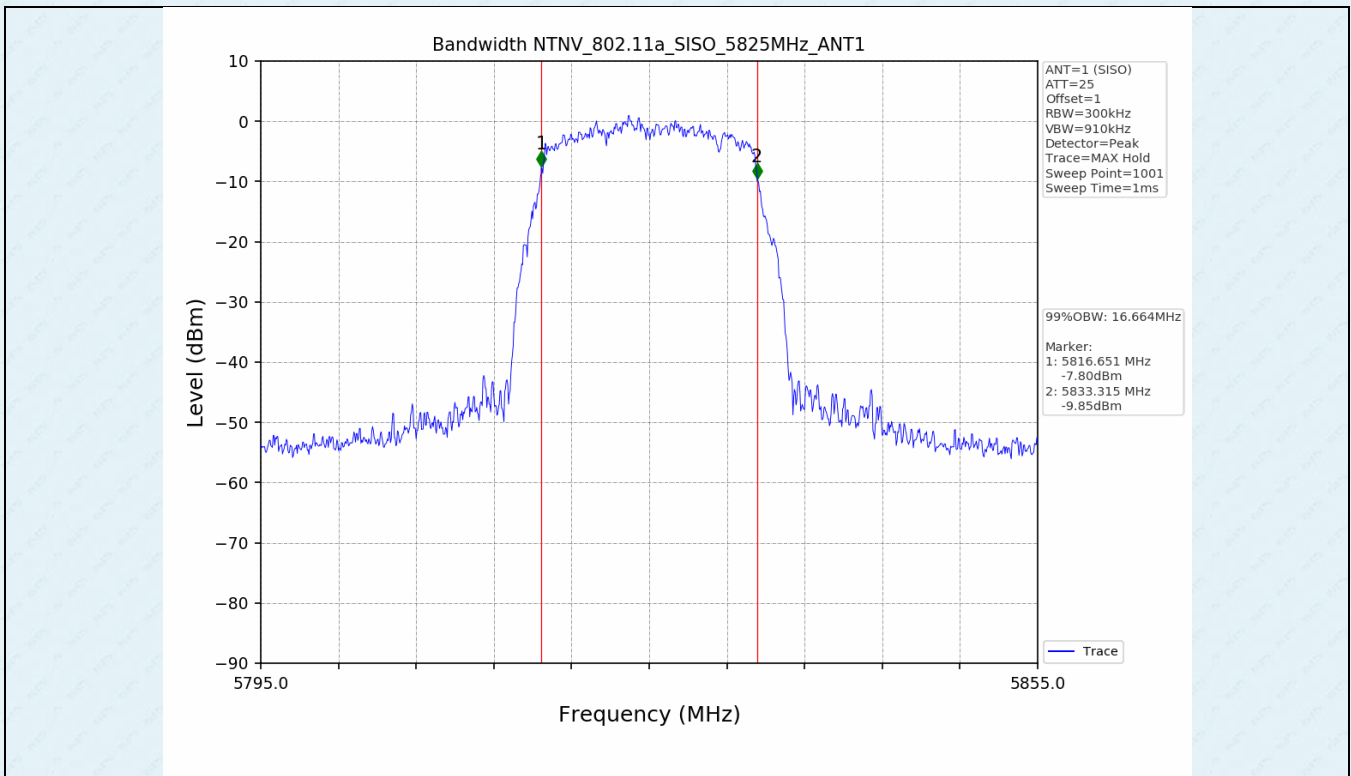
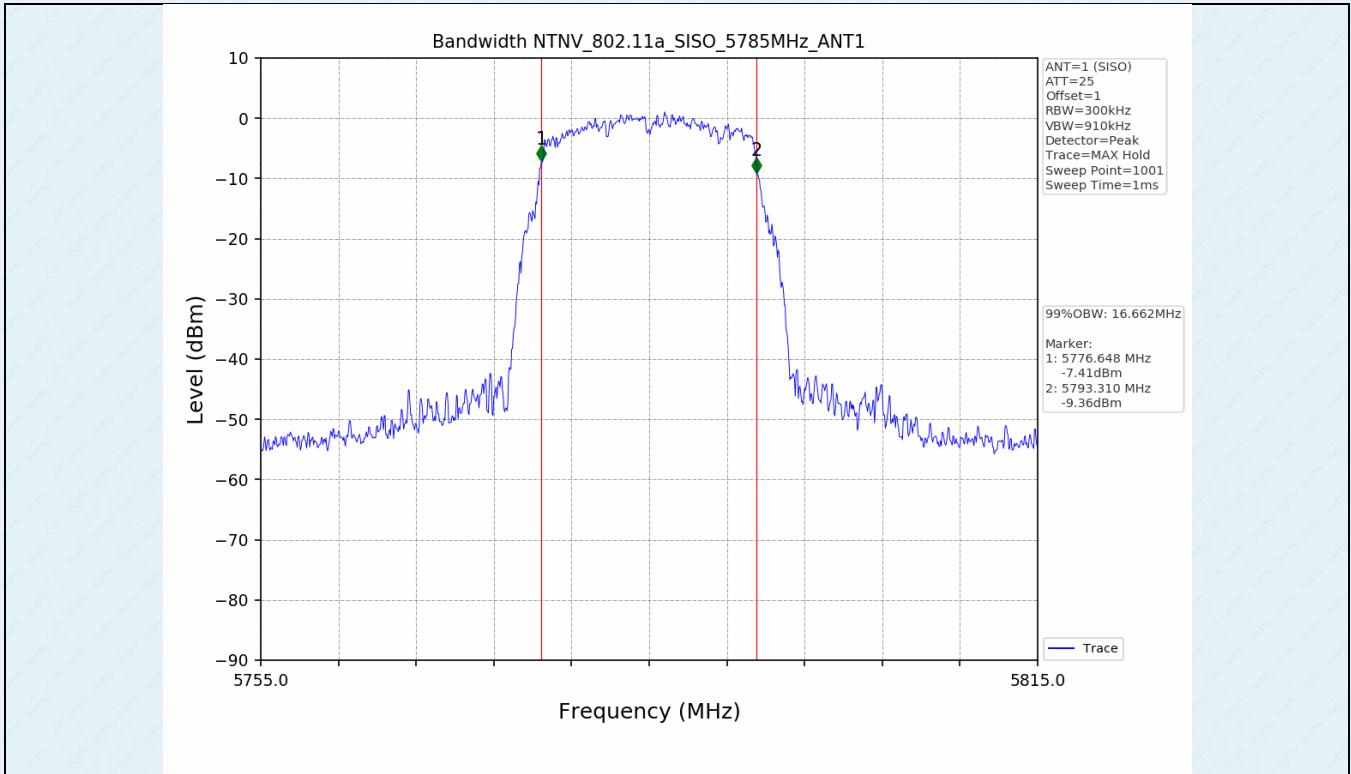
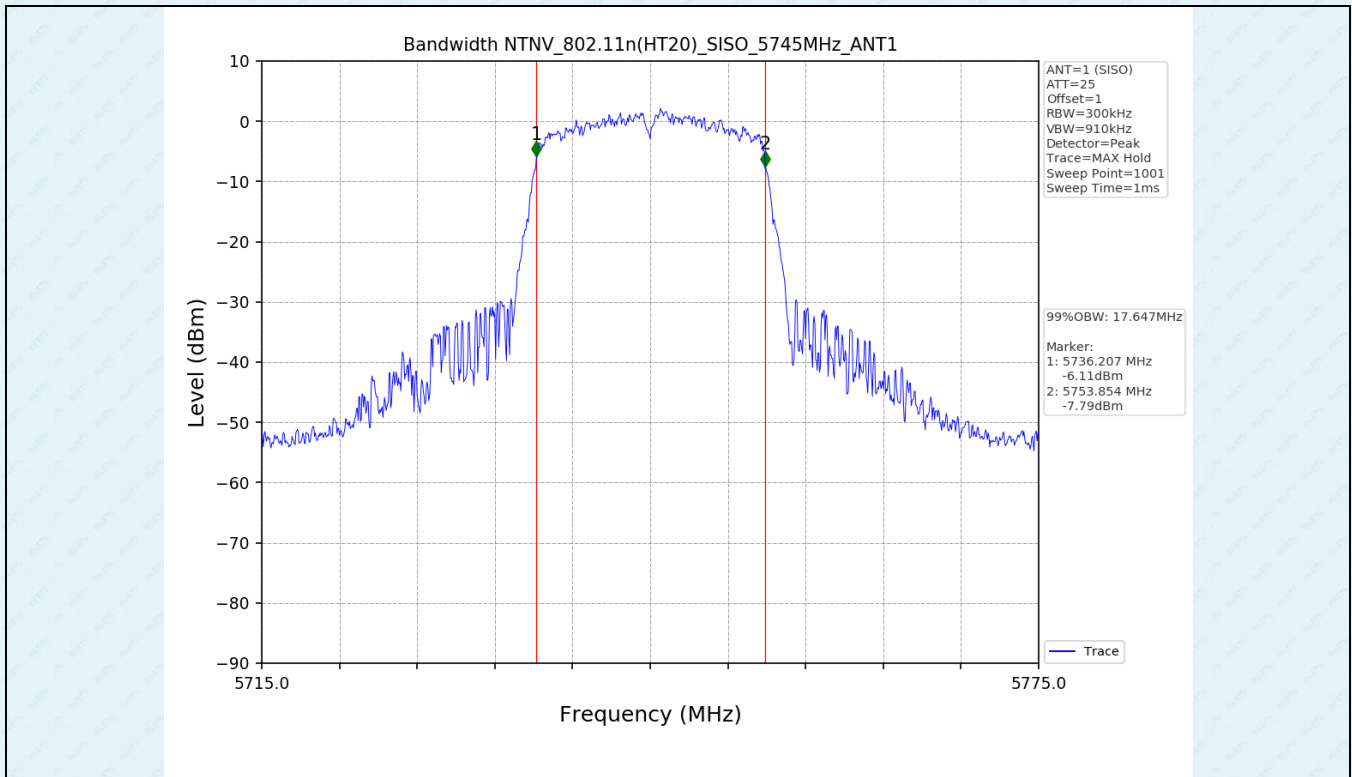
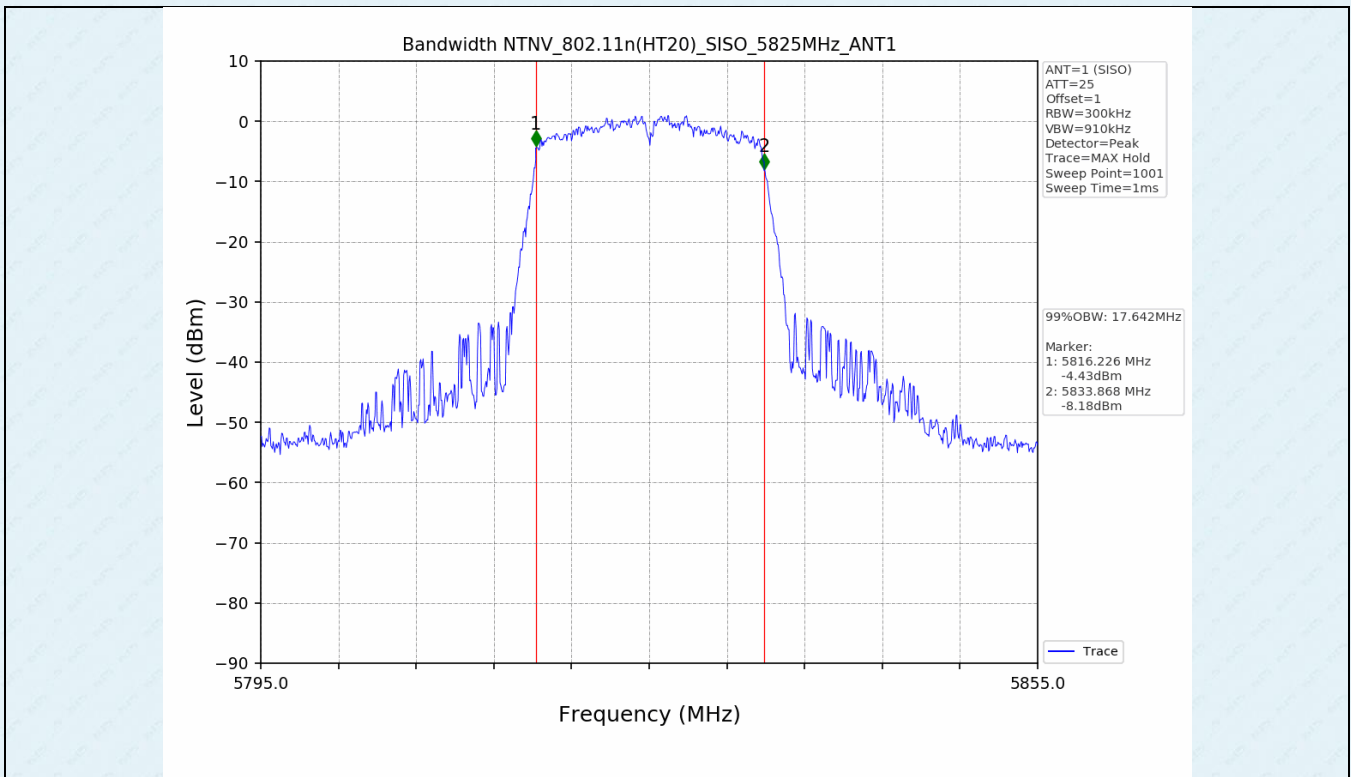
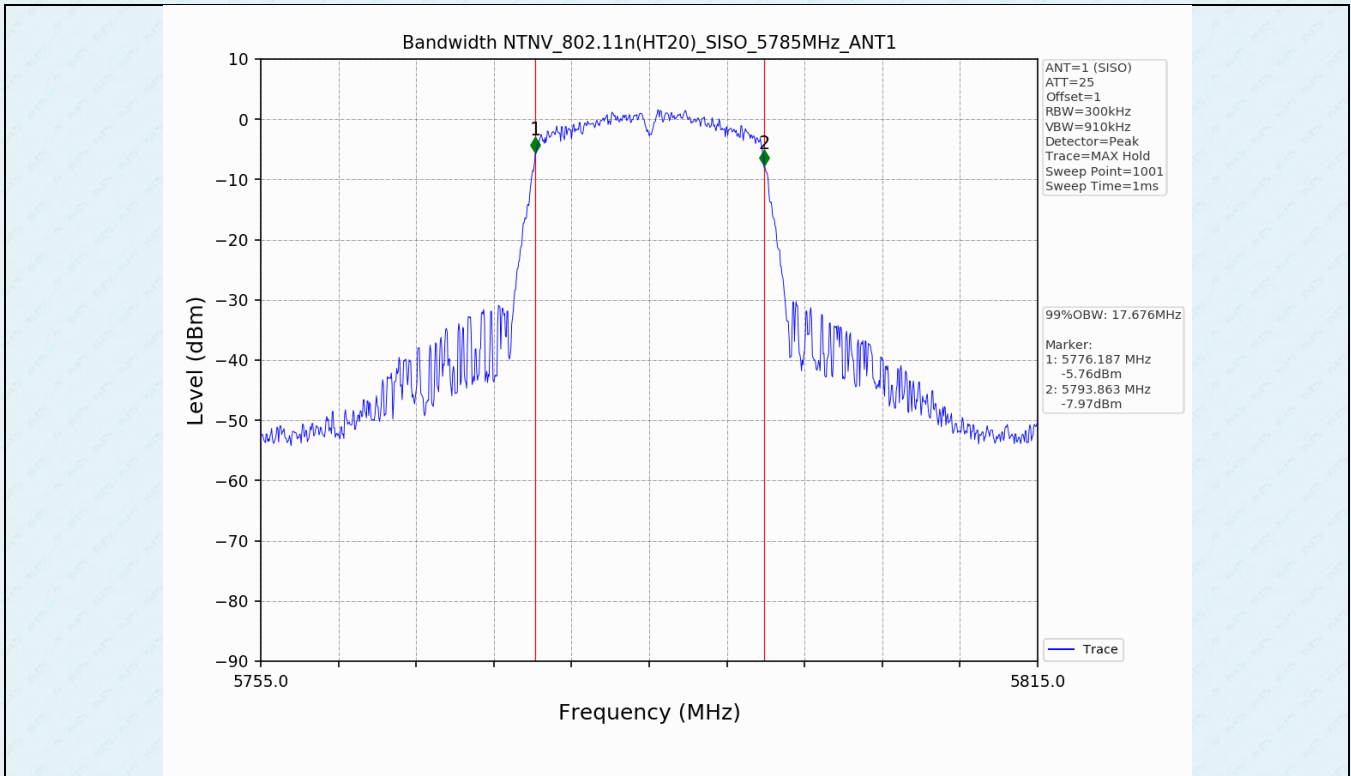


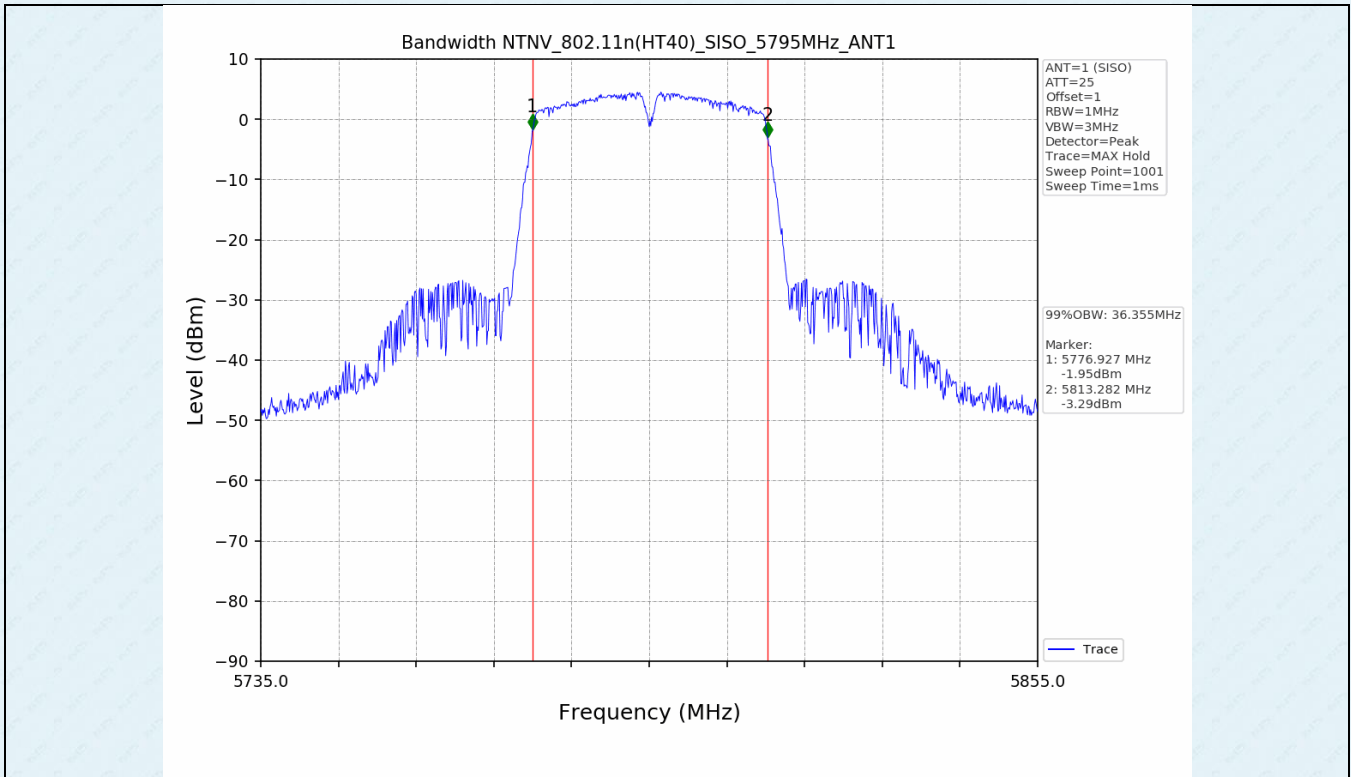
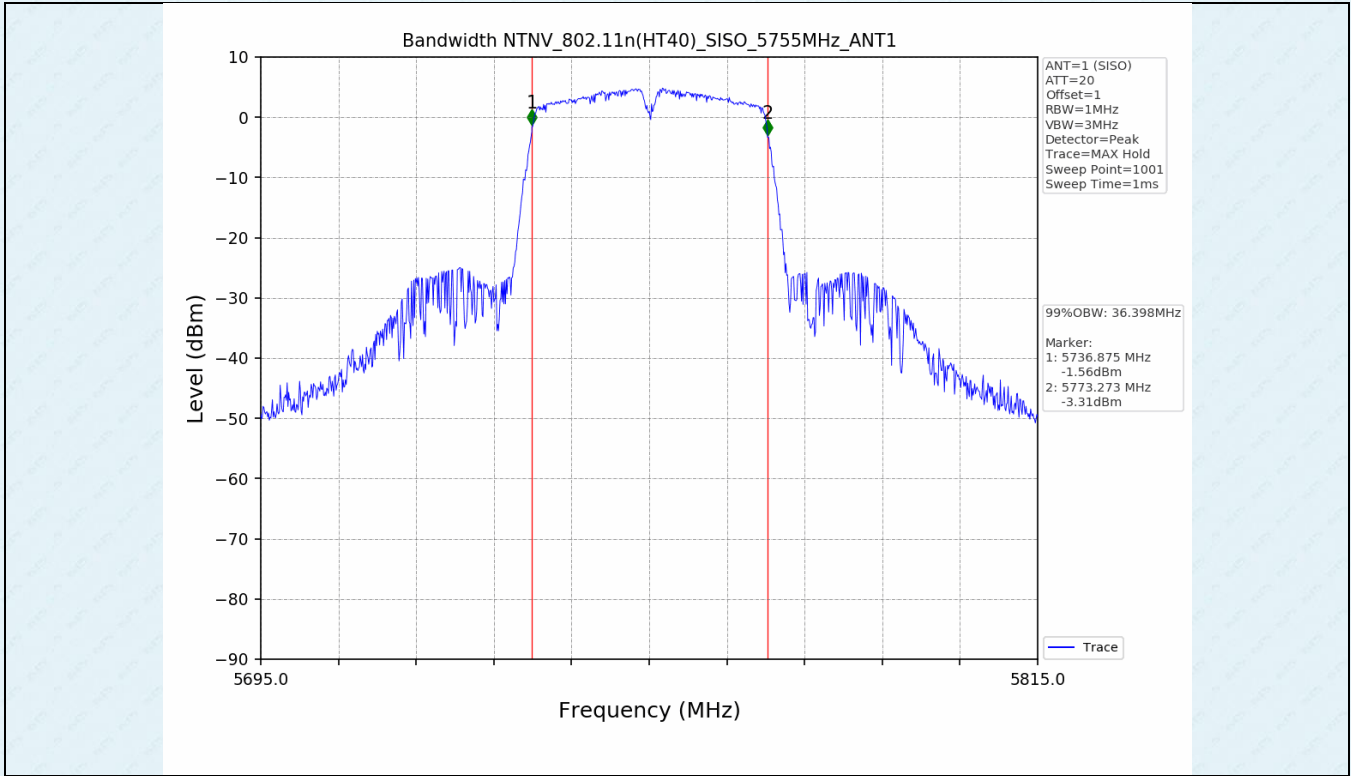
ANT 2:

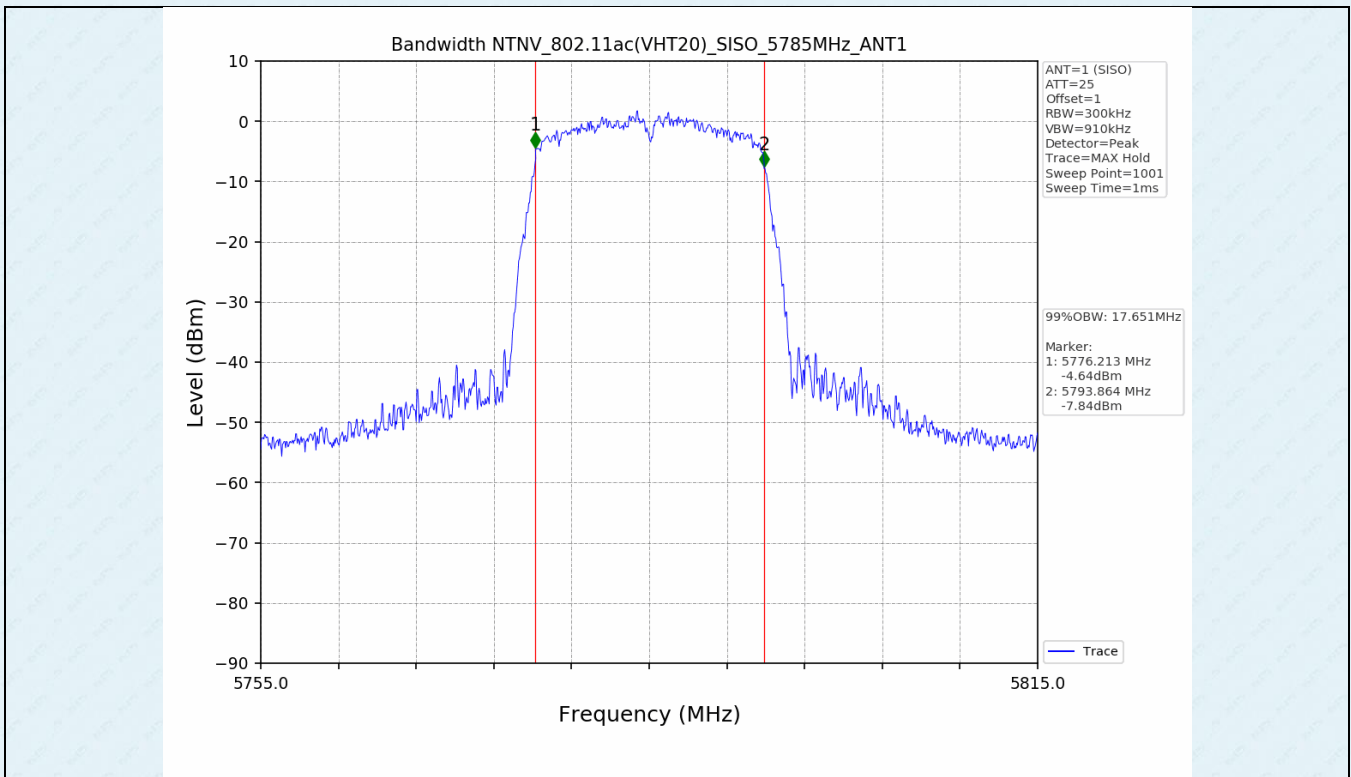
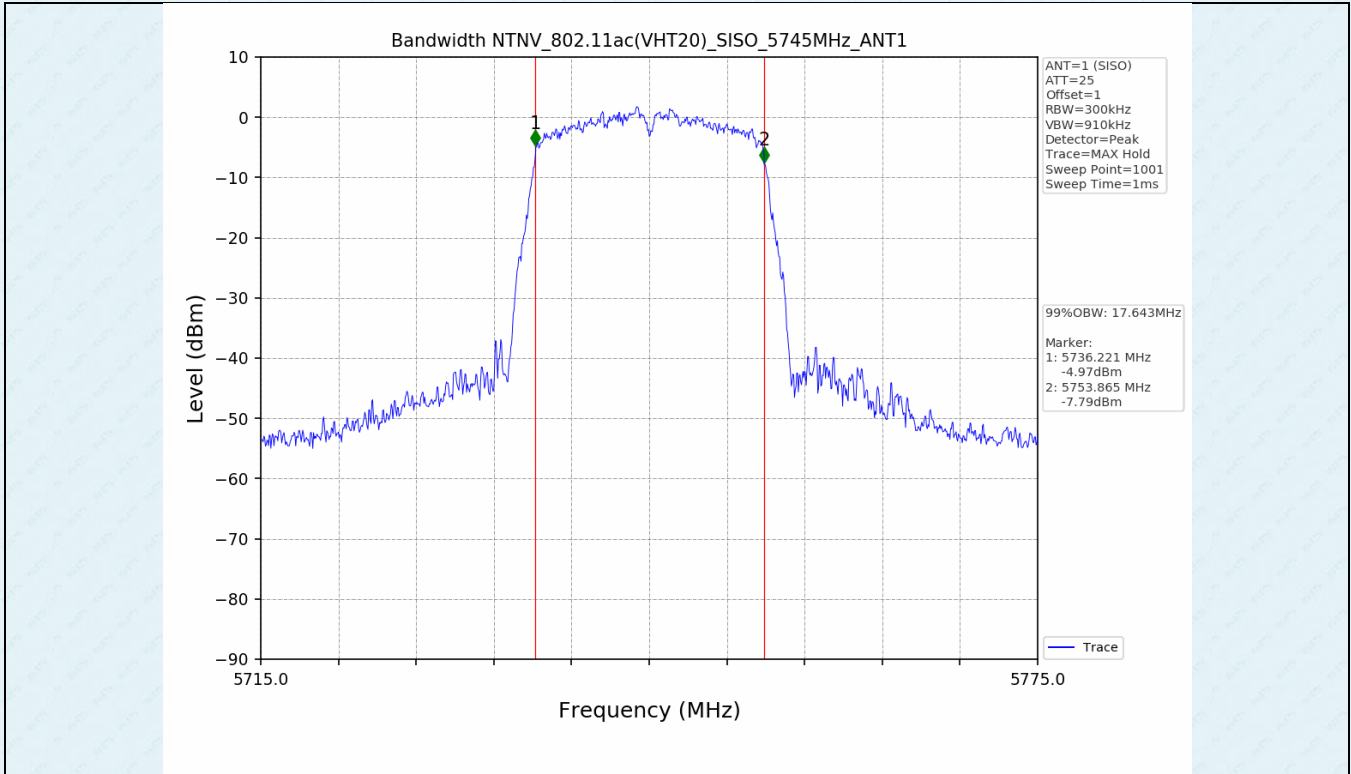


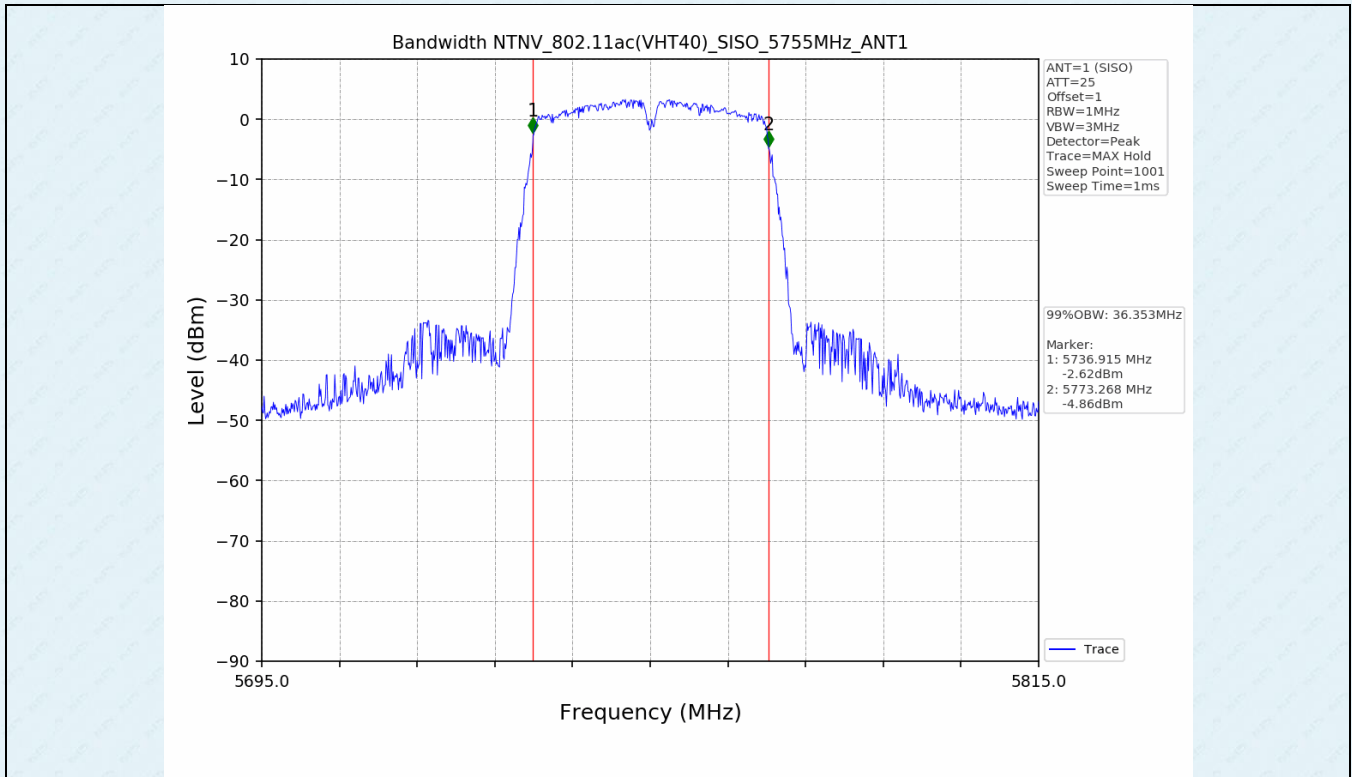
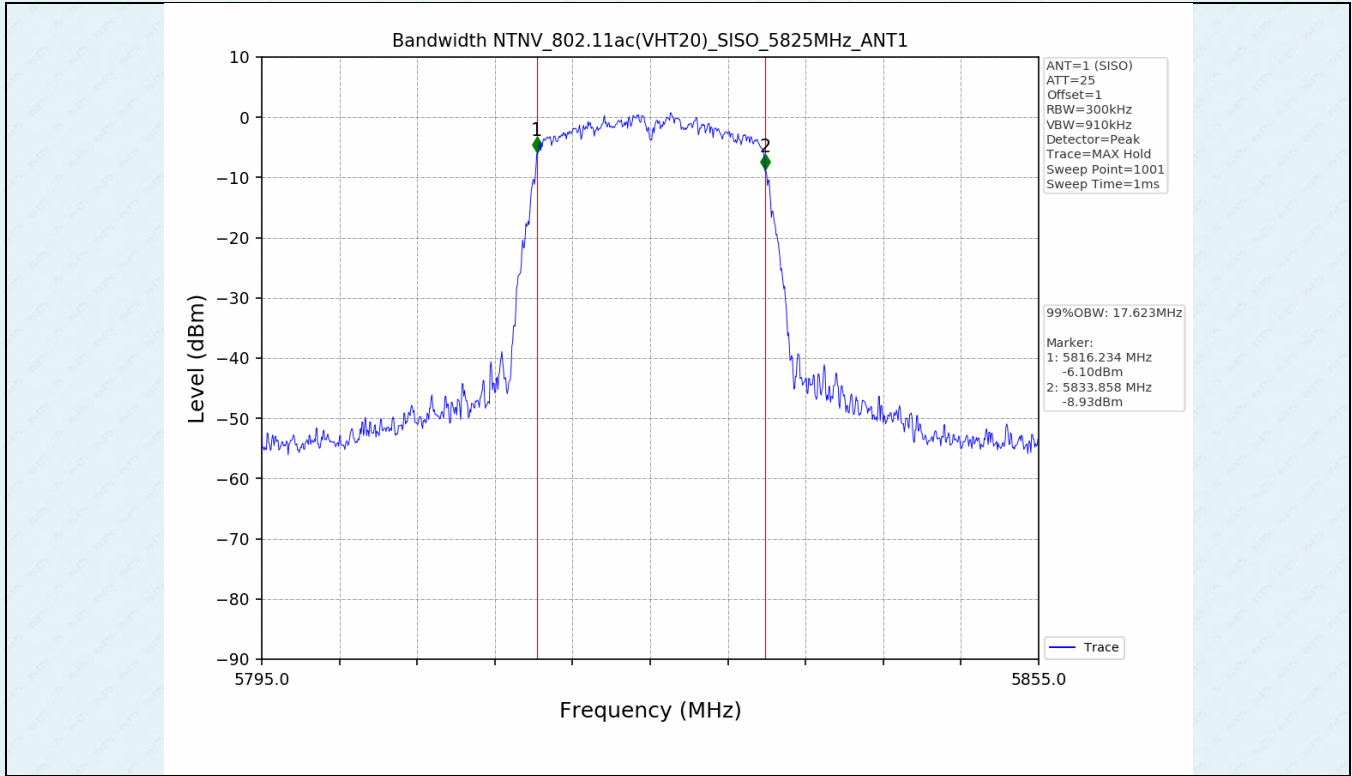


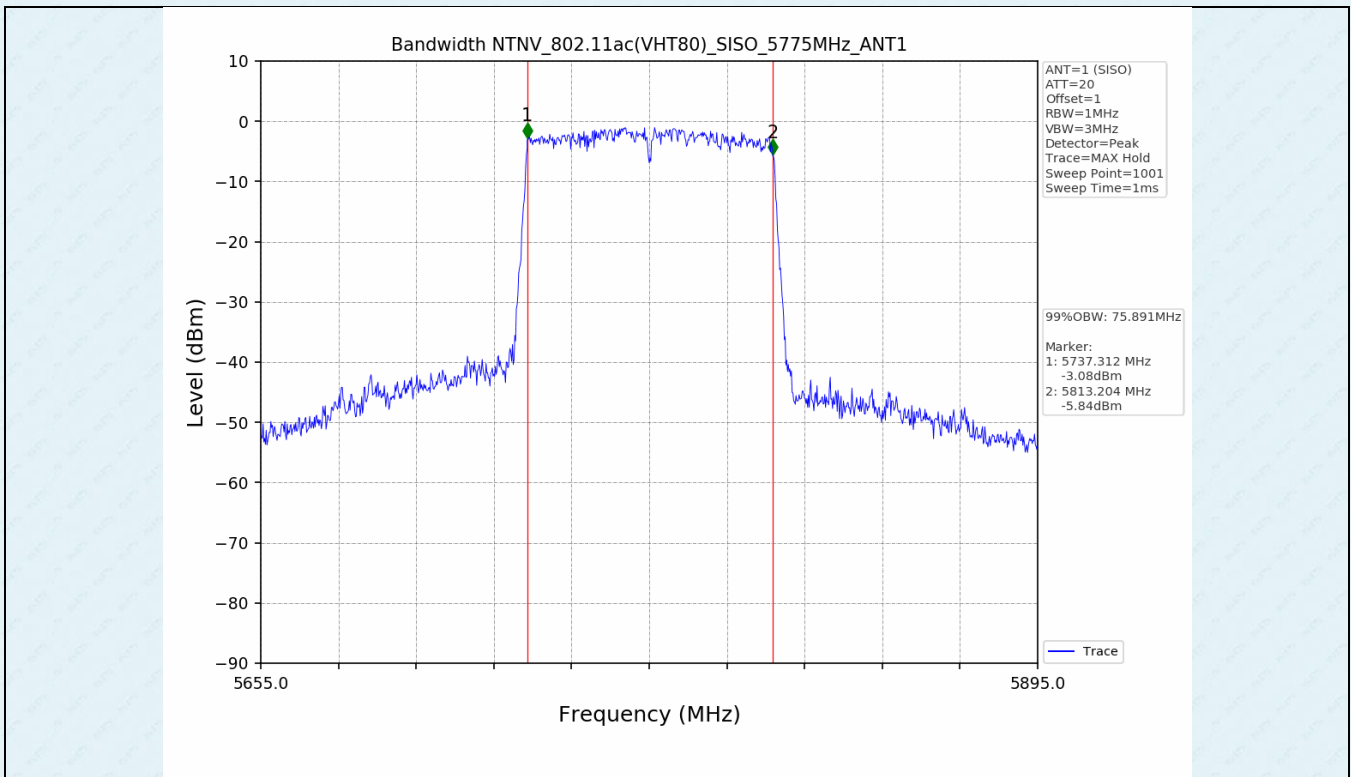
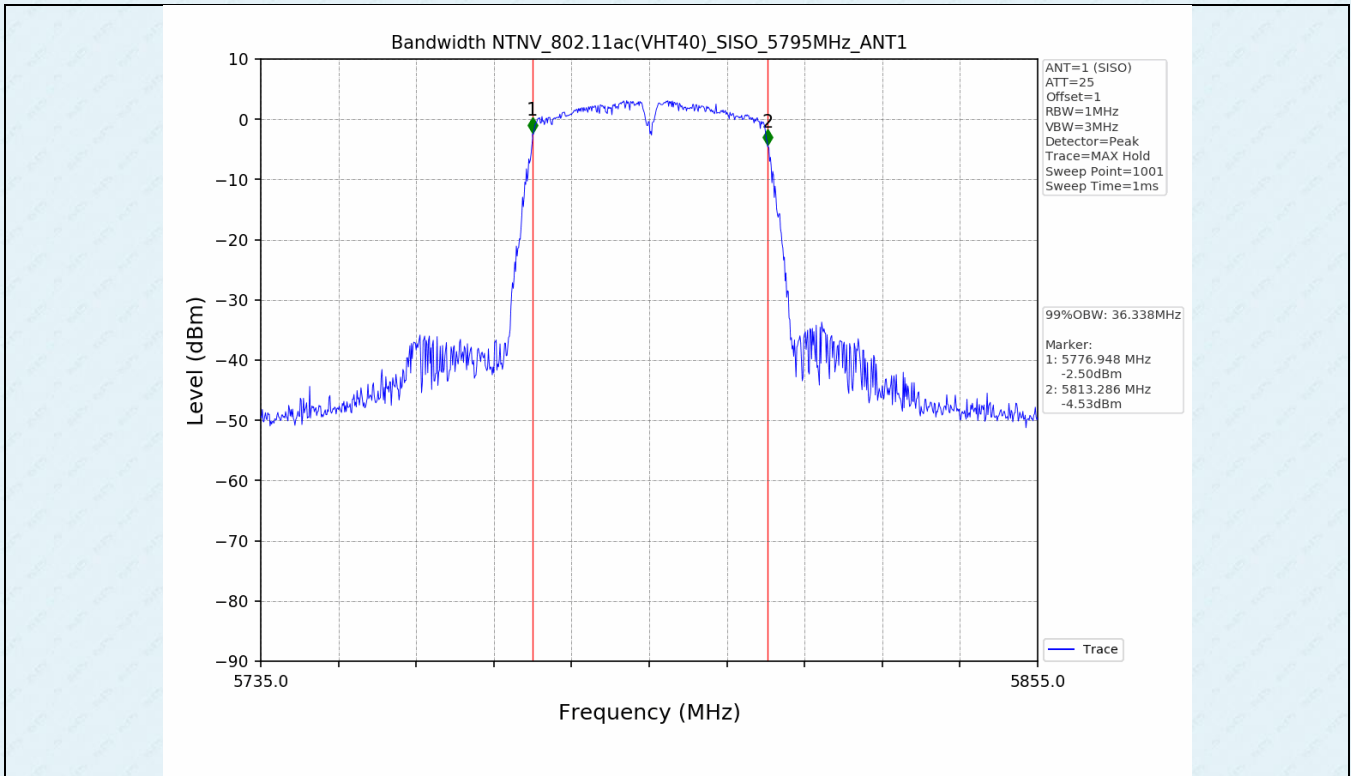












3. Maximum Conducted Output Power

3.1 Test Result

Test Mode	Frequency (MHz)	Ant.	Measured Output Power (dBm)	Limit (dBm)	Verdict
802.11a	5745	1	9.66	≤30	PASS
	5745	2	9.50	≤30	PASS
	5785	1	9.64	≤30	PASS
	5785	2	9.28	≤30	PASS
	5825	1	8.89	≤30	PASS
	5825	2	8.71	≤30	PASS
802.11n(HT20)	5745	1	9.75	≤30	PASS
	5745	2	10.14	≤30	PASS
	5745	Total	12.96	≤29.13	PASS
	5785	1	9.52	≤30	PASS
	5785	2	10.11	≤30	PASS
	5785	Total	12.84	≤29.13	PASS
	5825	1	9.01	≤30	PASS
	5825	2	9.42	≤30	PASS
5825	Total	12.23	≤29.13	PASS	
802.11n(HT40)	5755	1	9.82	≤30	PASS
	5755	2	10.65	≤30	PASS
	5755	Total	13.27	≤29.13	PASS
	5795	1	9.64	≤30	PASS
	5795	2	10.40	≤30	PASS
	5795	Total	13.05	≤29.13	PASS
802.11ac(VHT20)	5745	1	9.40	≤30	PASS
	5745	2	9.60	≤30	PASS
	5745	Total	12.51	≤29.13	PASS
	5785	1	9.16	≤30	PASS
	5785	2	9.62	≤30	PASS
	5785	Total	12.41	≤29.13	PASS
	5825	1	8.65	≤30	PASS
	5825	2	8.95	≤30	PASS
5825	Total	11.81	≤29.13	PASS	
802.11ac(VHT40)	5755	1	8.71	≤30	PASS
	5755	2	8.90	≤30	PASS
	5755	Total	11.82	≤29.13	PASS
	5795	1	9.08	≤30	PASS
	5795	2	8.73	≤30	PASS
	5795	Total	11.92	≤29.13	PASS
802.11ac(VHT80)	5775	1	9.14	≤30	PASS
	5775	2	9.19	≤30	PASS
	5775	Total	12.18	≤29.13	PASS

Note: transmit signals are completely *correlated*,

Directional gain= $10 \times \log\left[\frac{(10^{4.3/20} + 10^{3.4/20})^2}{2}\right] = 6.87\text{dBi}$

4. Maximum Power Spectral Density (PSD)

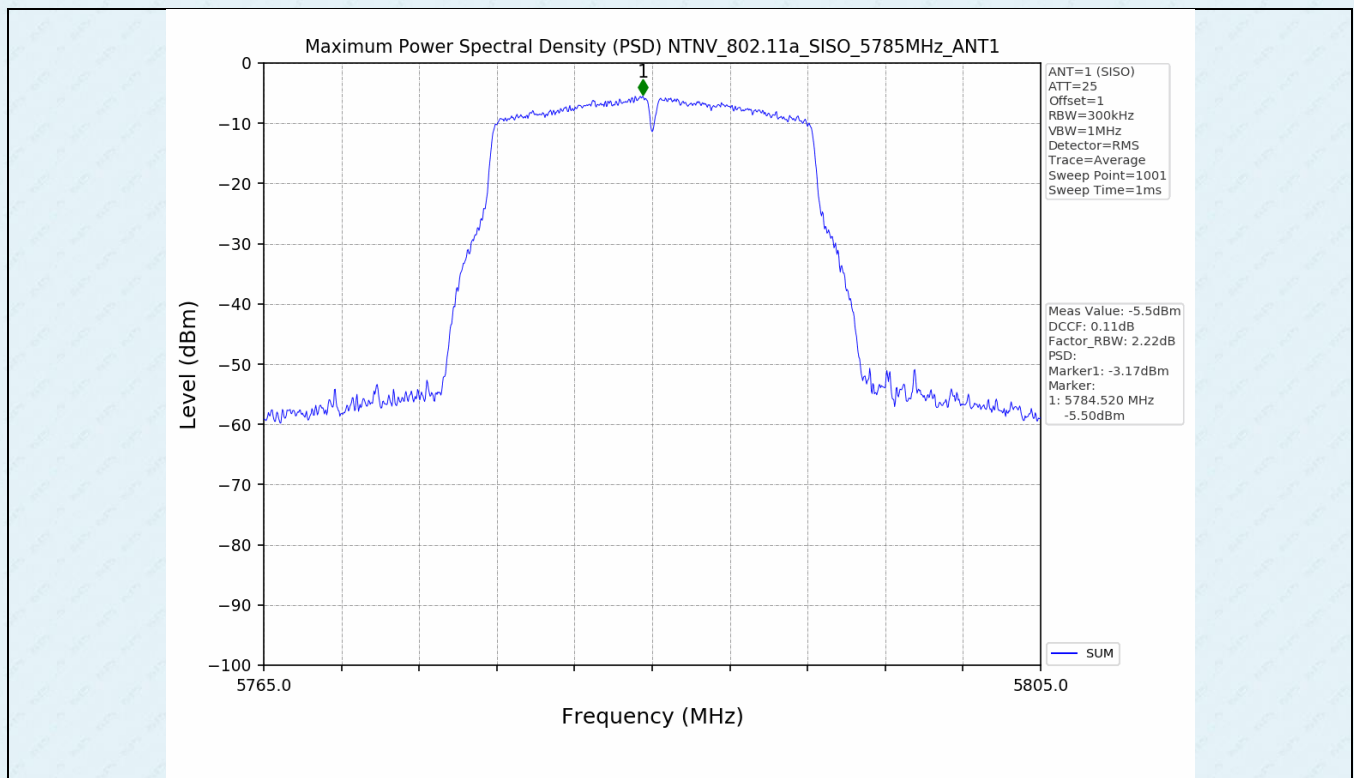
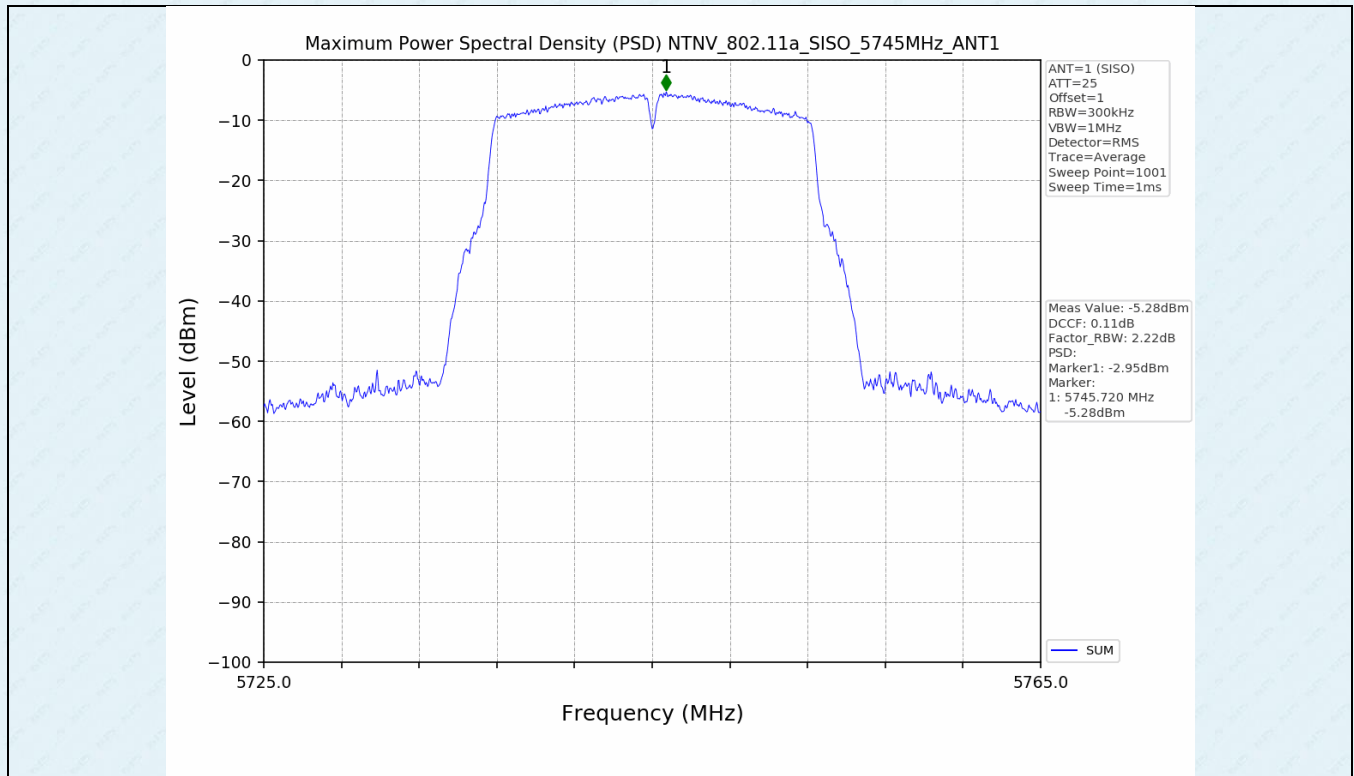
4.1 Test Result

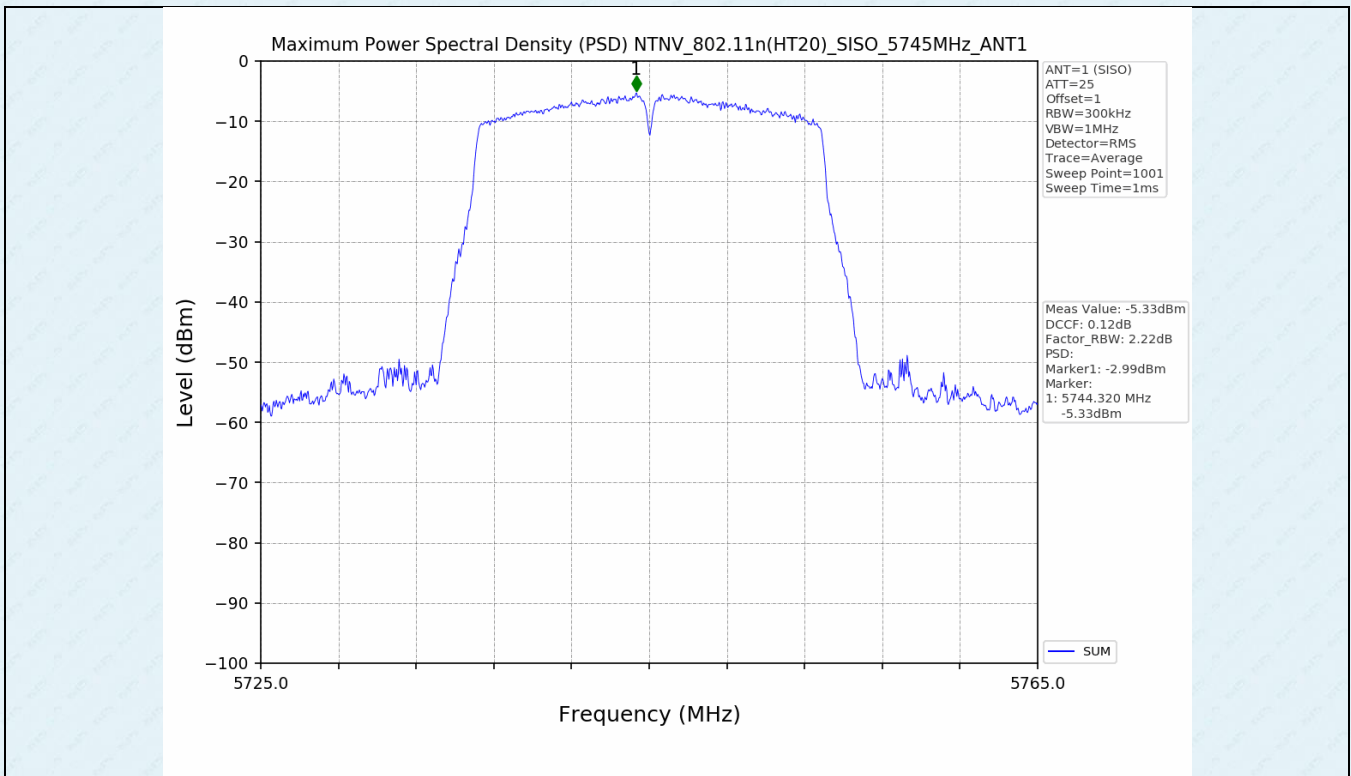
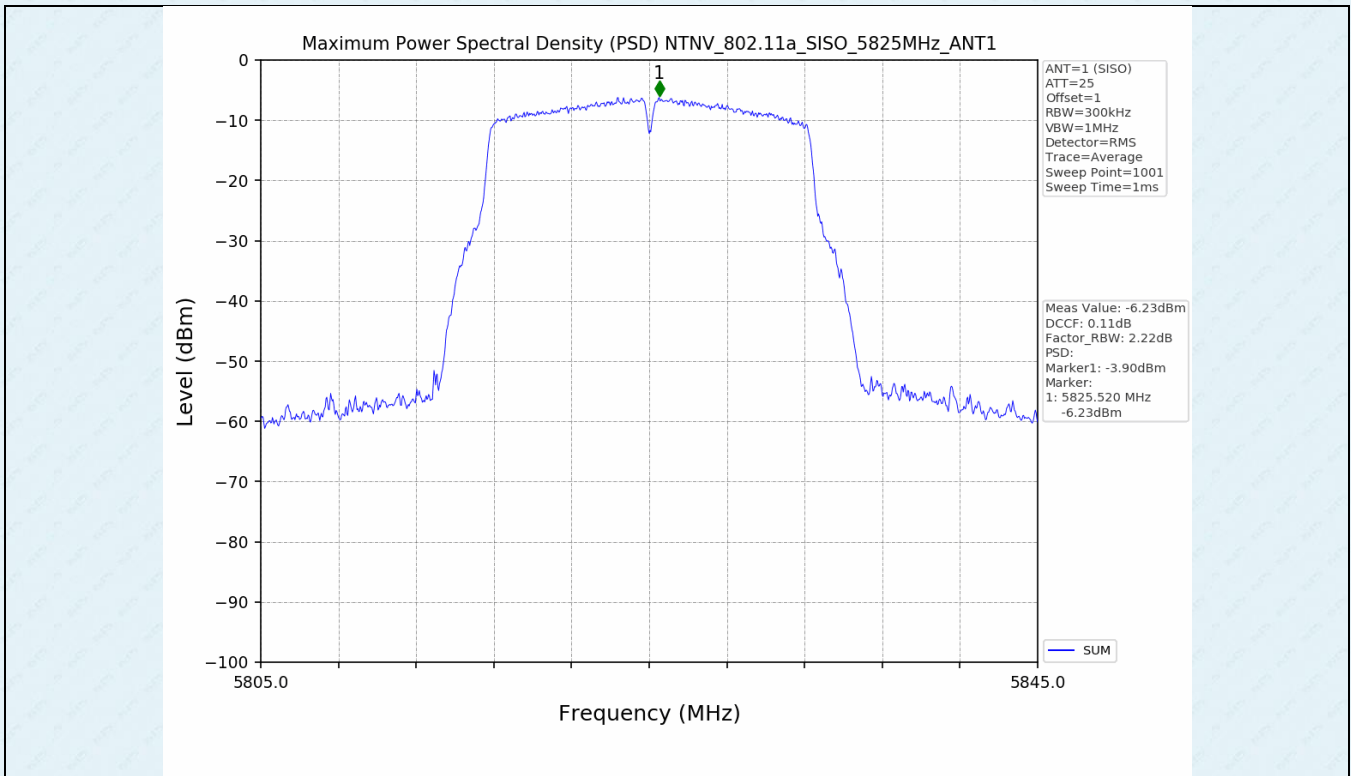
Test Mode	Frequency (MHz)	Ant.	Maximum Power Spectral Density (dBm/500kHz)	Limits (dBm/500kHz)	Verdict
802.11a	5745	1	-2.95	≤30	PASS
	5745	2	-3.31	≤30	PASS
	5785	1	-3.17	≤30	PASS
	5785	2	-3.18	≤30	PASS
	5825	1	-3.90	≤30	PASS
	5825	2	-3.83	≤30	PASS
802.11n(HT20)	5745	1	-2.99	≤30	PASS
	5745	2	-2.83	≤30	PASS
	5745	Total	0.1	≤29.13	PASS
	5785	1	-3.05	≤30	PASS
	5785	2	-3.02	≤30	PASS
	5785	Total	-0.02	≤29.13	PASS
	5825	1	-3.79	≤30	PASS
	5825	2	-3.67	≤30	PASS
	5825	Total	-0.72	≤29.13	PASS
802.11n(HT40)	5755	1	-6.54	≤30	PASS
	5755	2	-5.69	≤30	PASS
	5755	Total	-3.08	≤29.13	PASS
	5795	1	-6.71	≤30	PASS
	5795	2	-5.81	≤30	PASS
	5795	Total	-3.23	≤29.13	PASS
802.11ac(VHT20)	5745	1	-3.37	≤30	PASS
	5745	2	-2.93	≤30	PASS
	5745	Total	-0.13	≤29.13	PASS
	5785	1	-3.48	≤30	PASS
	5785	2	-3.16	≤30	PASS
	5785	Total	-0.31	≤29.13	PASS
	5825	1	-4.54	≤30	PASS
	5825	2	-3.93	≤30	PASS
5825	Total	-1.21	≤29.13	PASS	
802.11ac(VHT40)	5755	1	-7.22	≤30	PASS
	5755	2	-7.08	≤30	PASS
	5755	Total	-4.14	≤29.13	PASS
	5795	1	-7.40	≤30	PASS
	5795	2	-7.06	≤30	PASS
	5795	Total	-4.22	≤29.13	PASS
802.11ac(VHT80)	5775	1	-10.18	≤30	PASS
	5775	2	-10.57	≤30	PASS
	5775	Total	-7.36	≤29.13	PASS

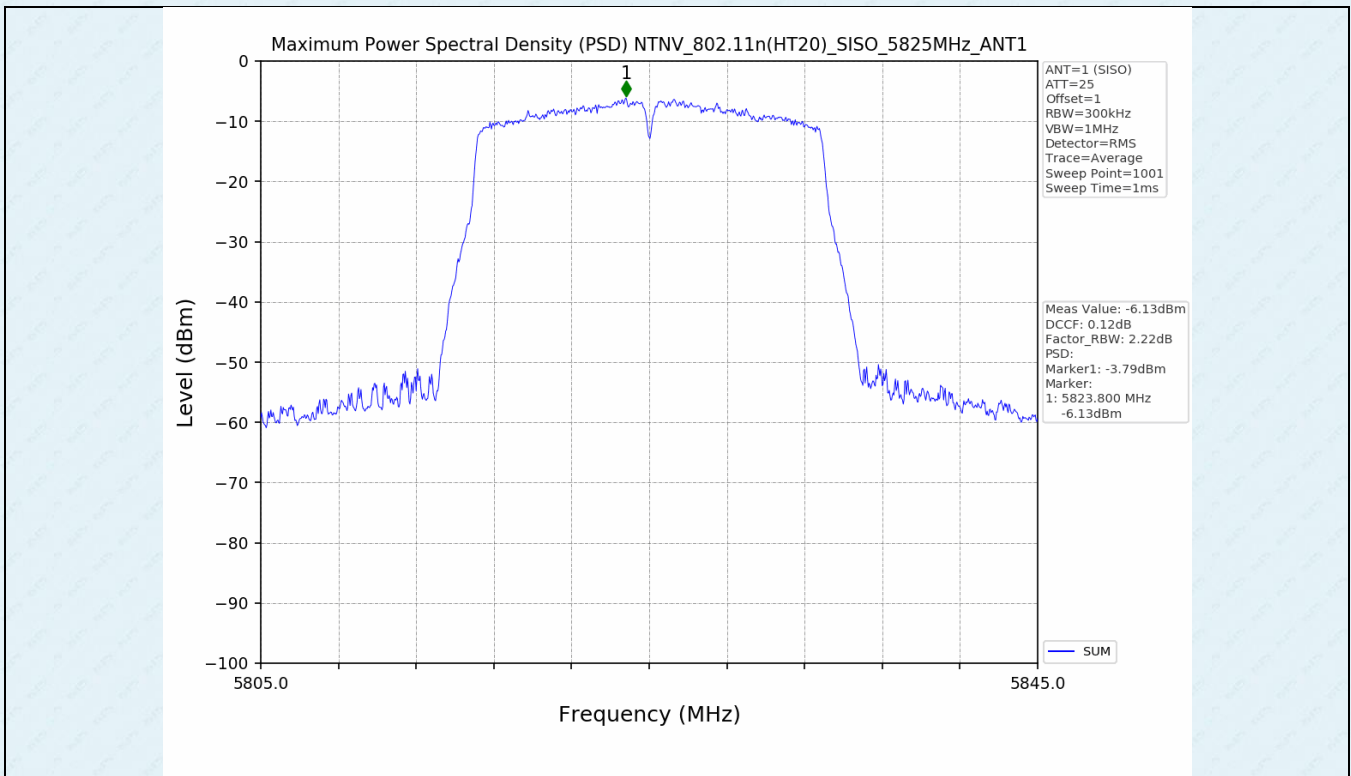
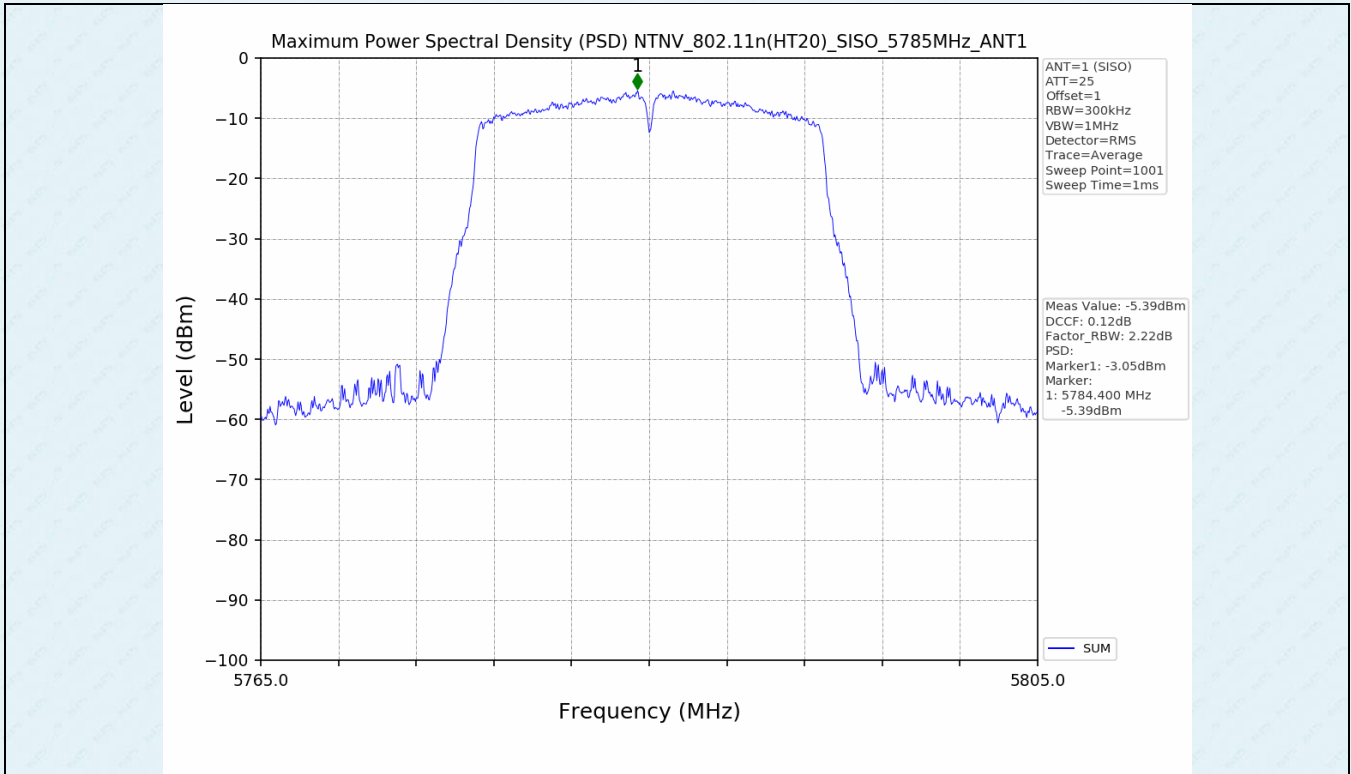
Note: Test result include RBW factor correction

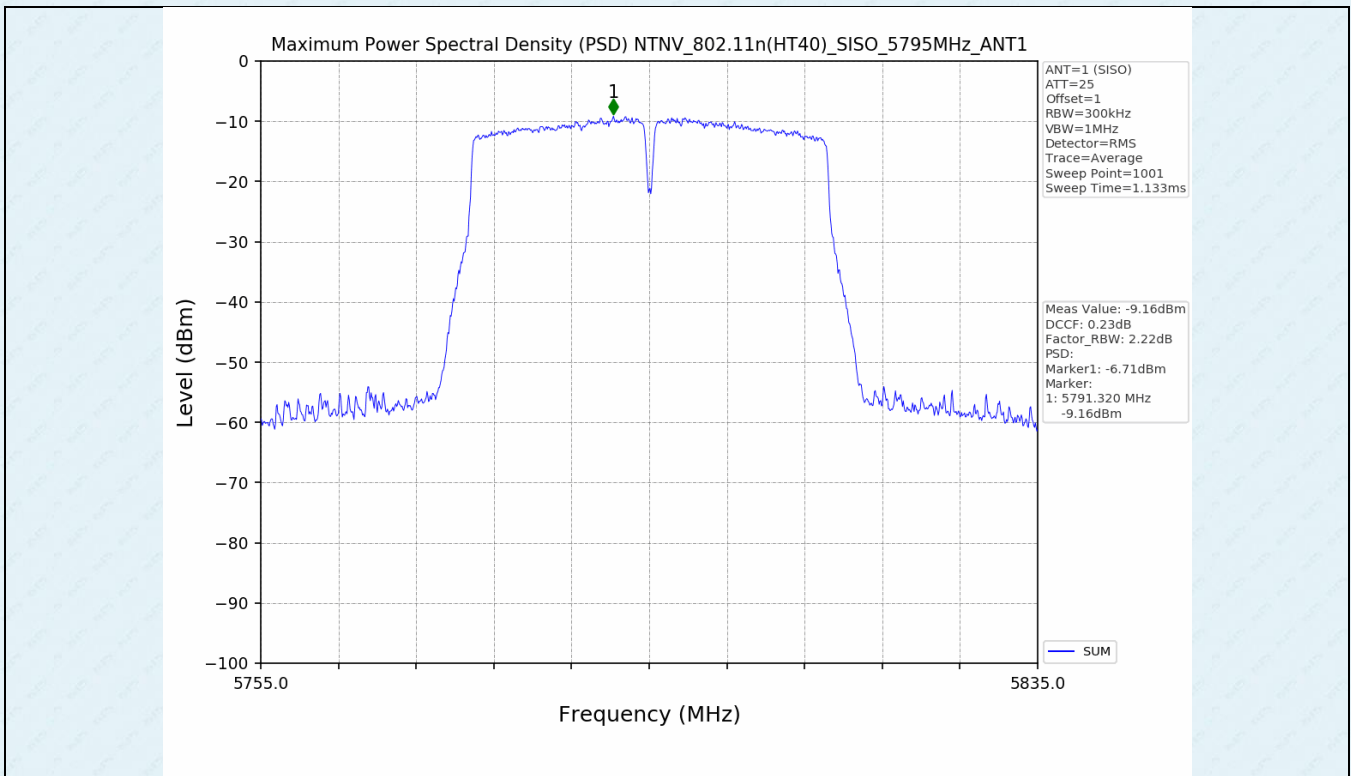
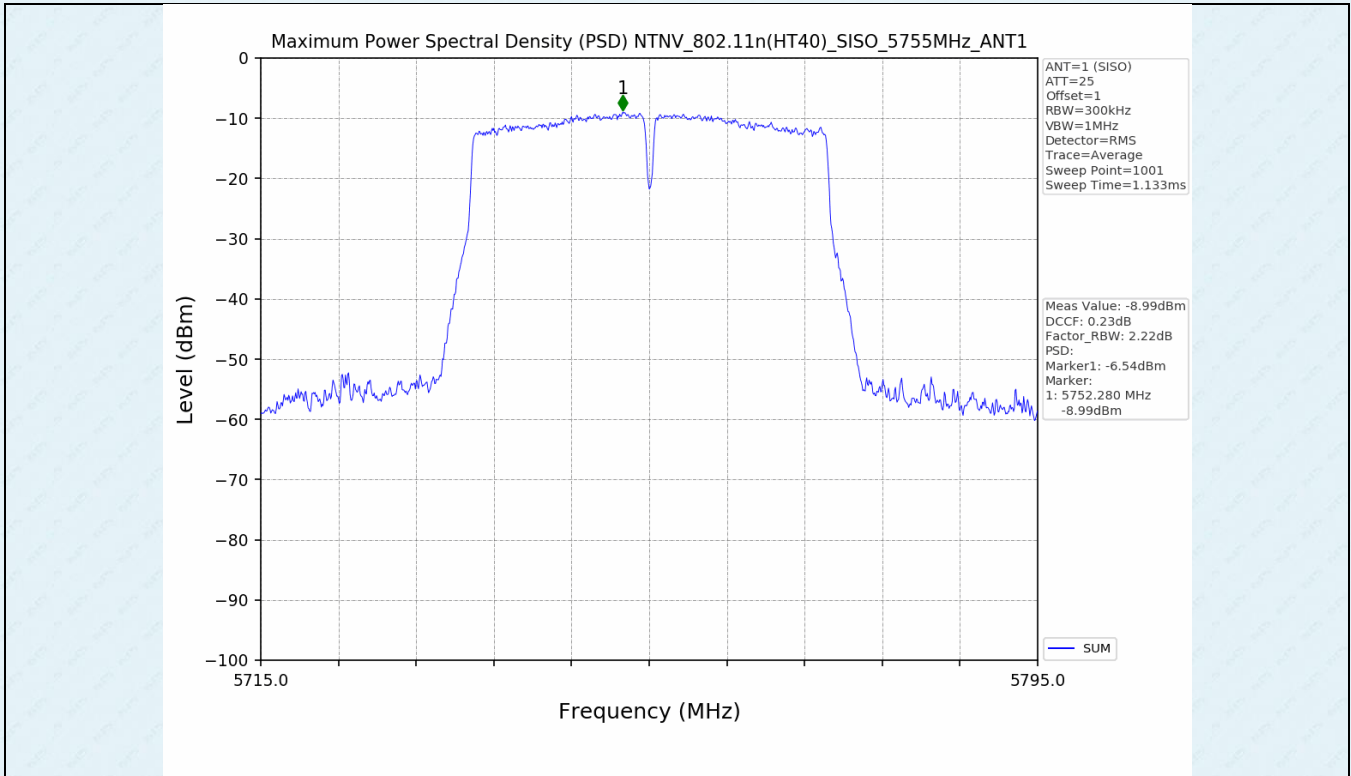
4.2 Test Graph

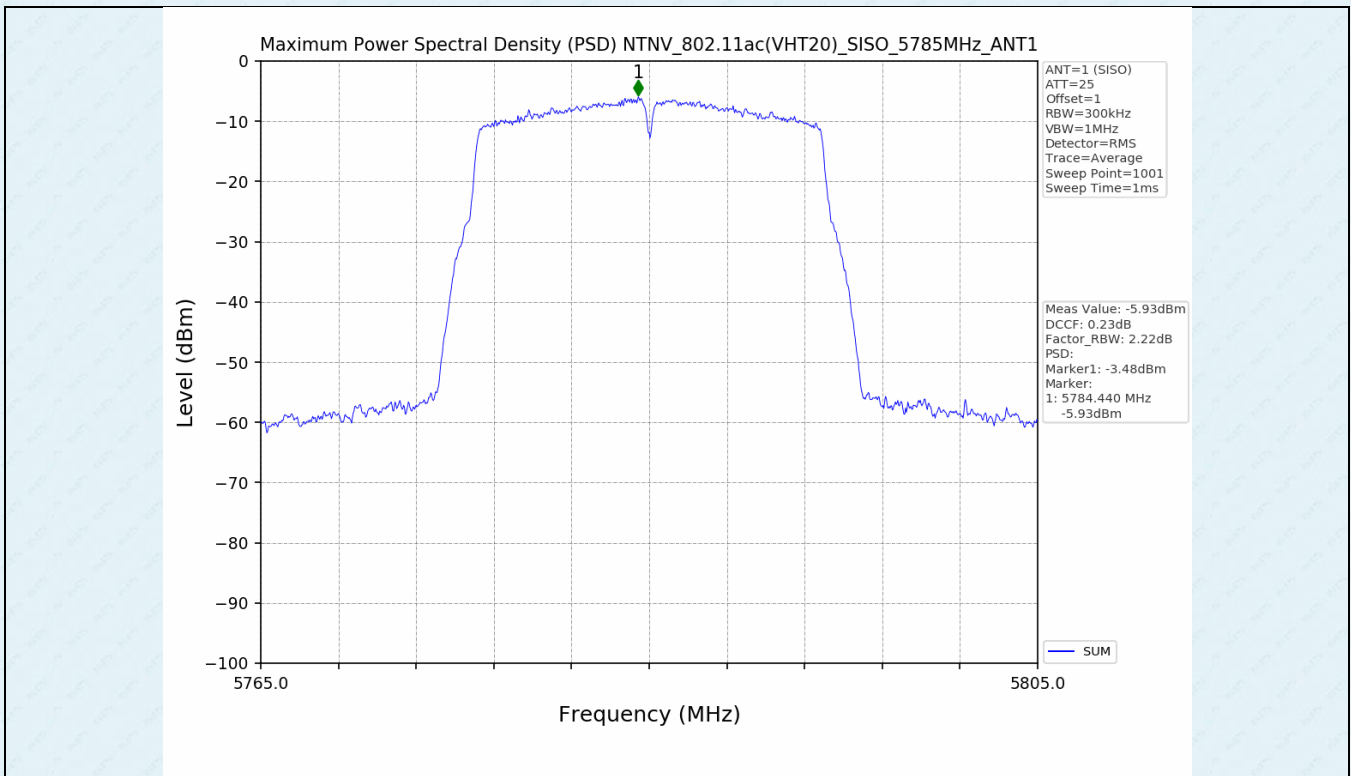
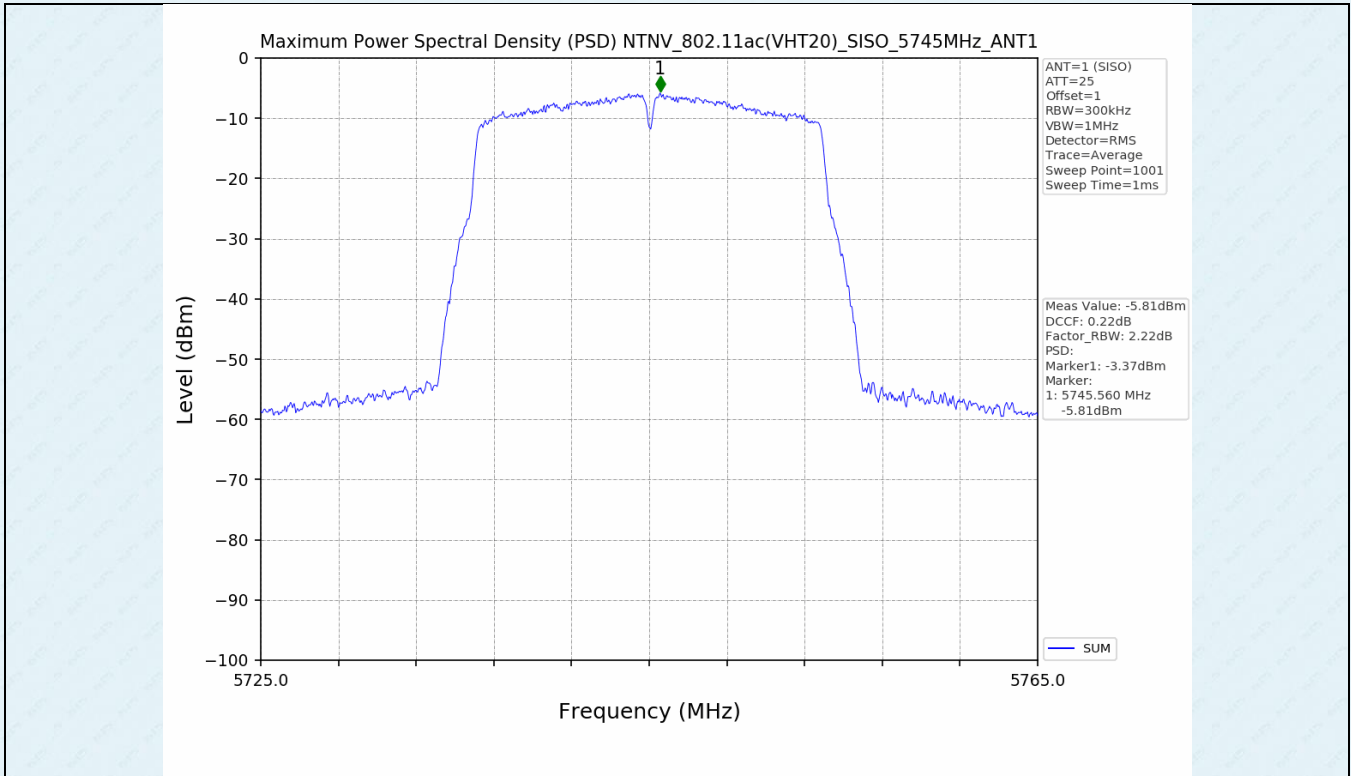
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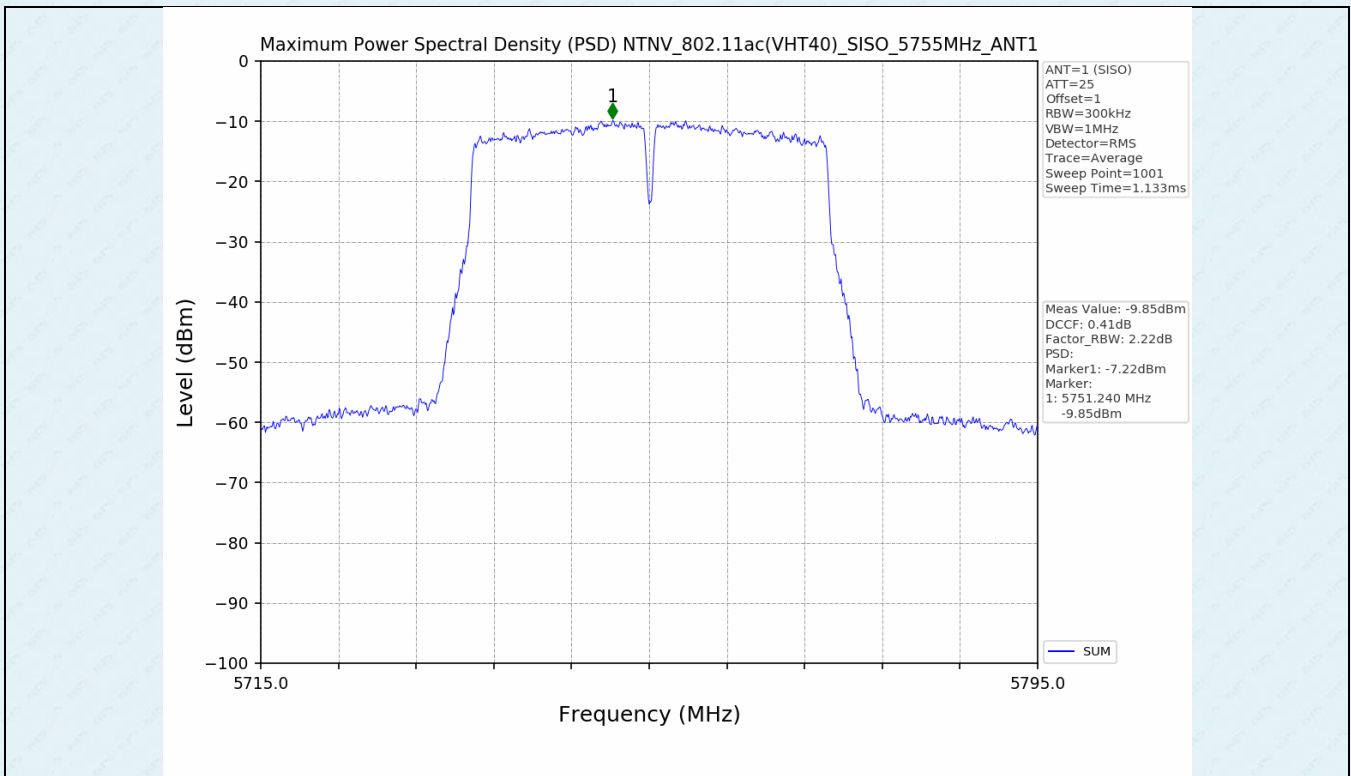
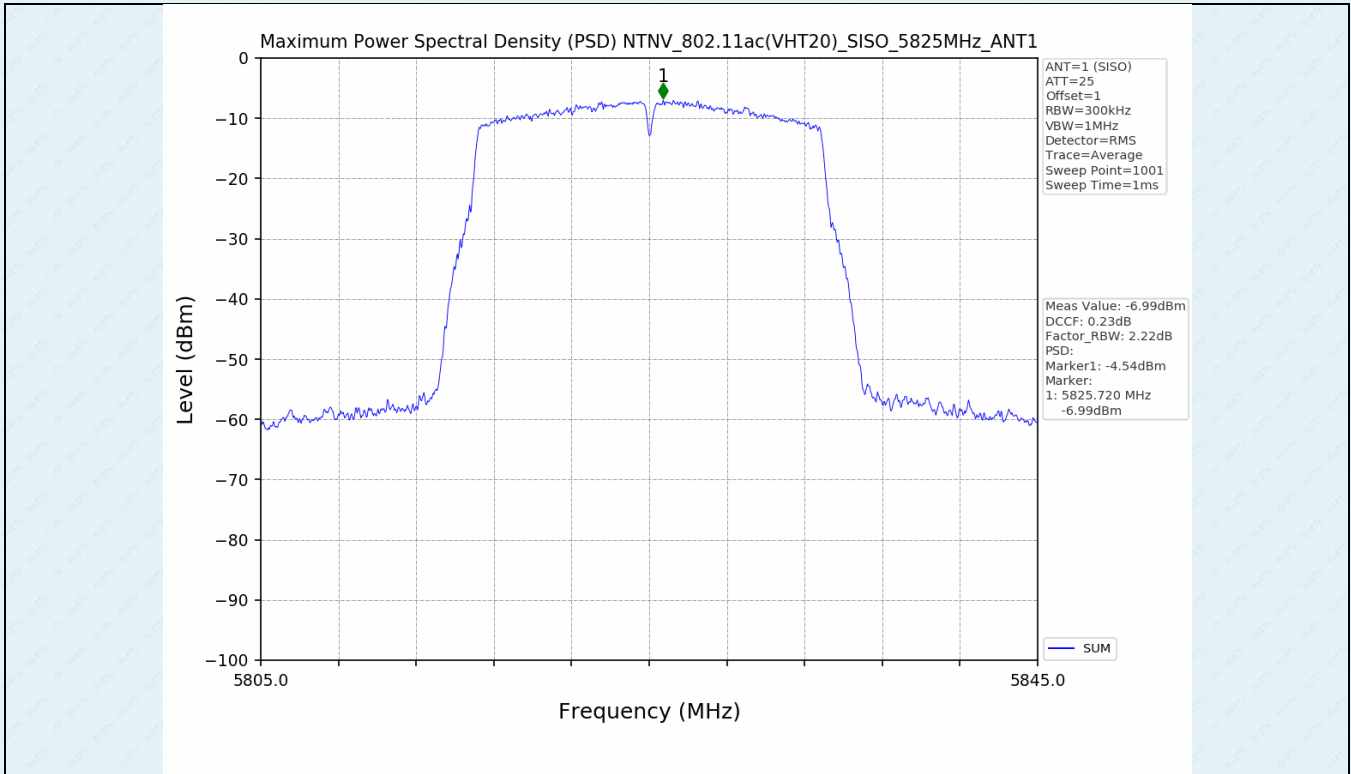


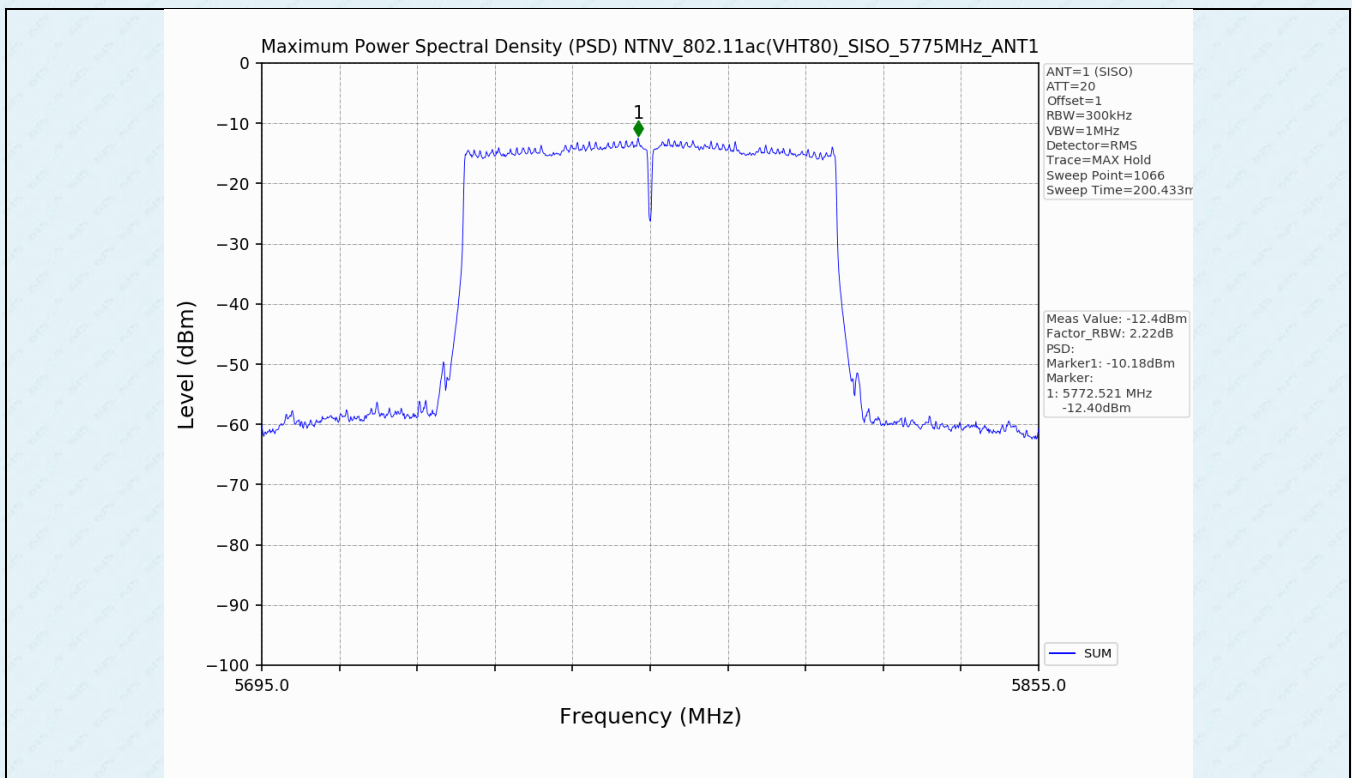
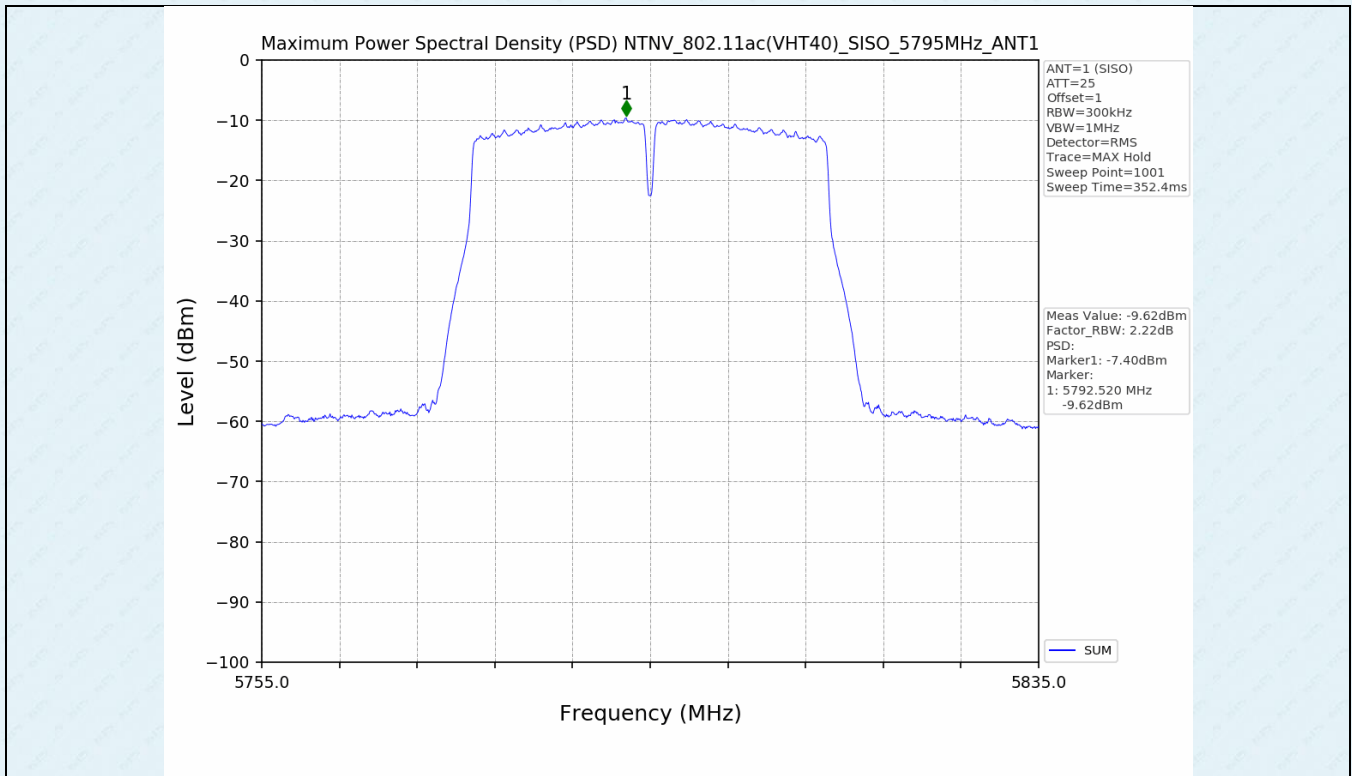




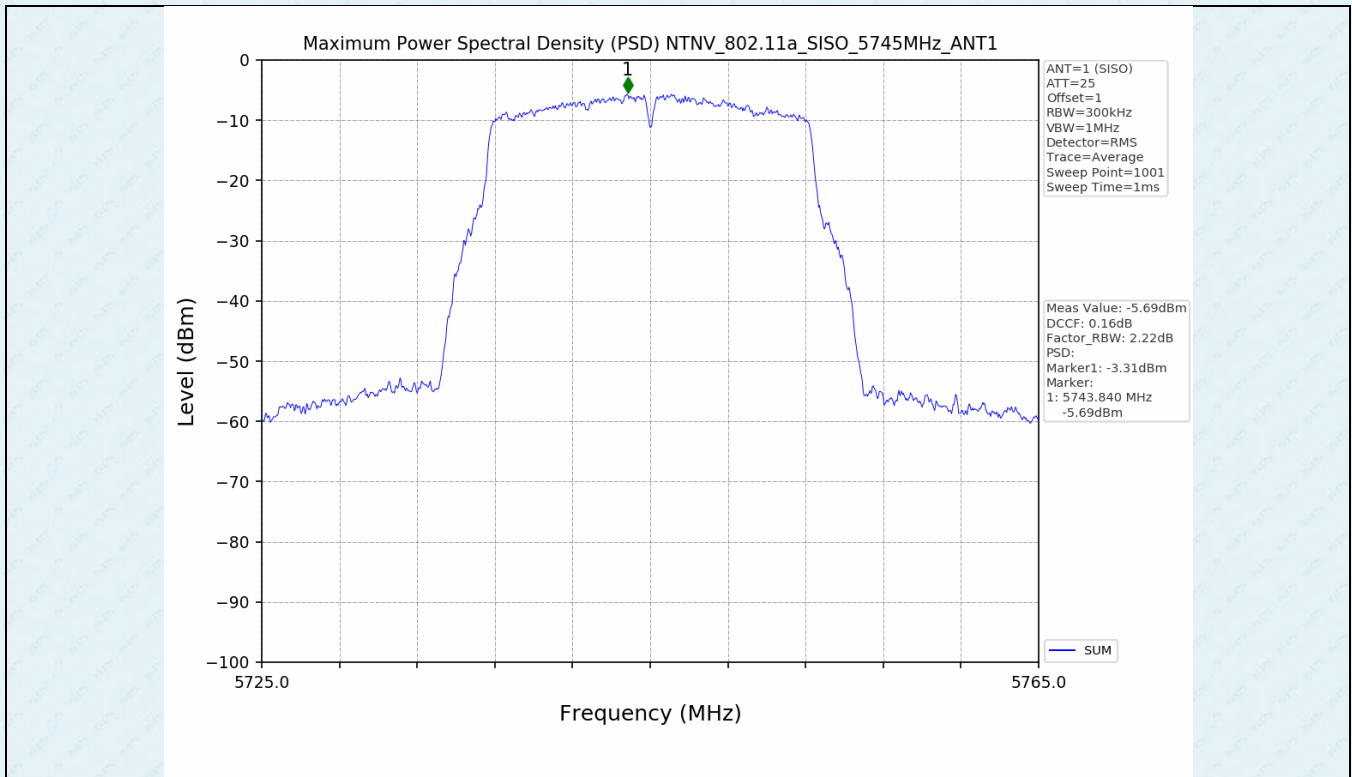


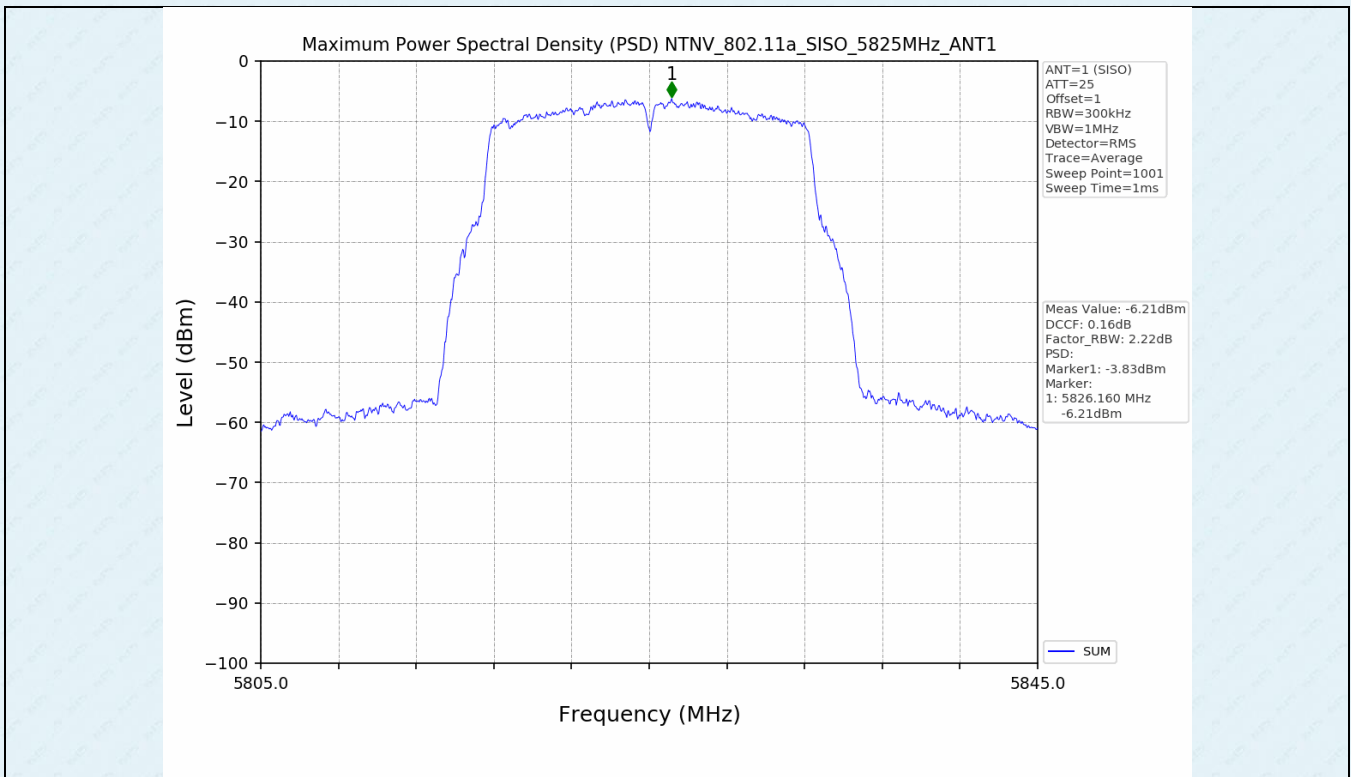
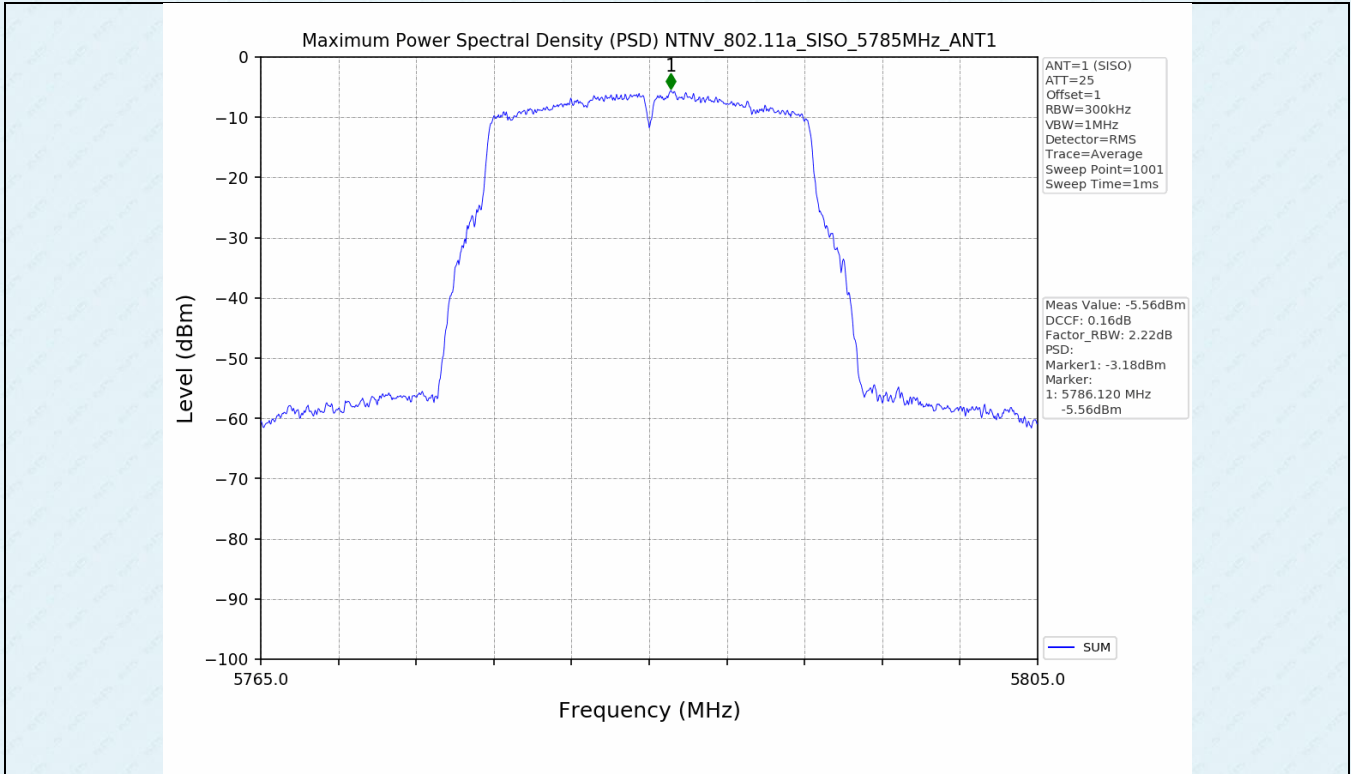


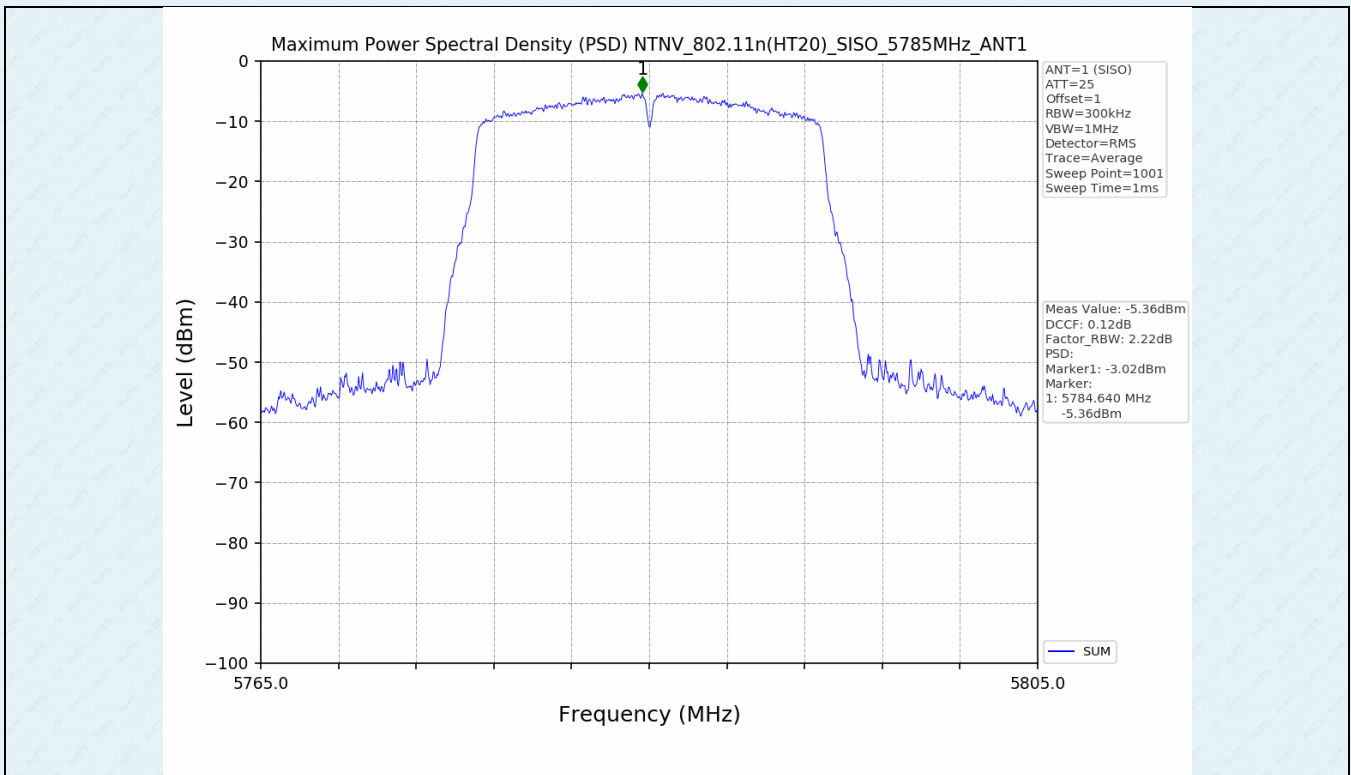
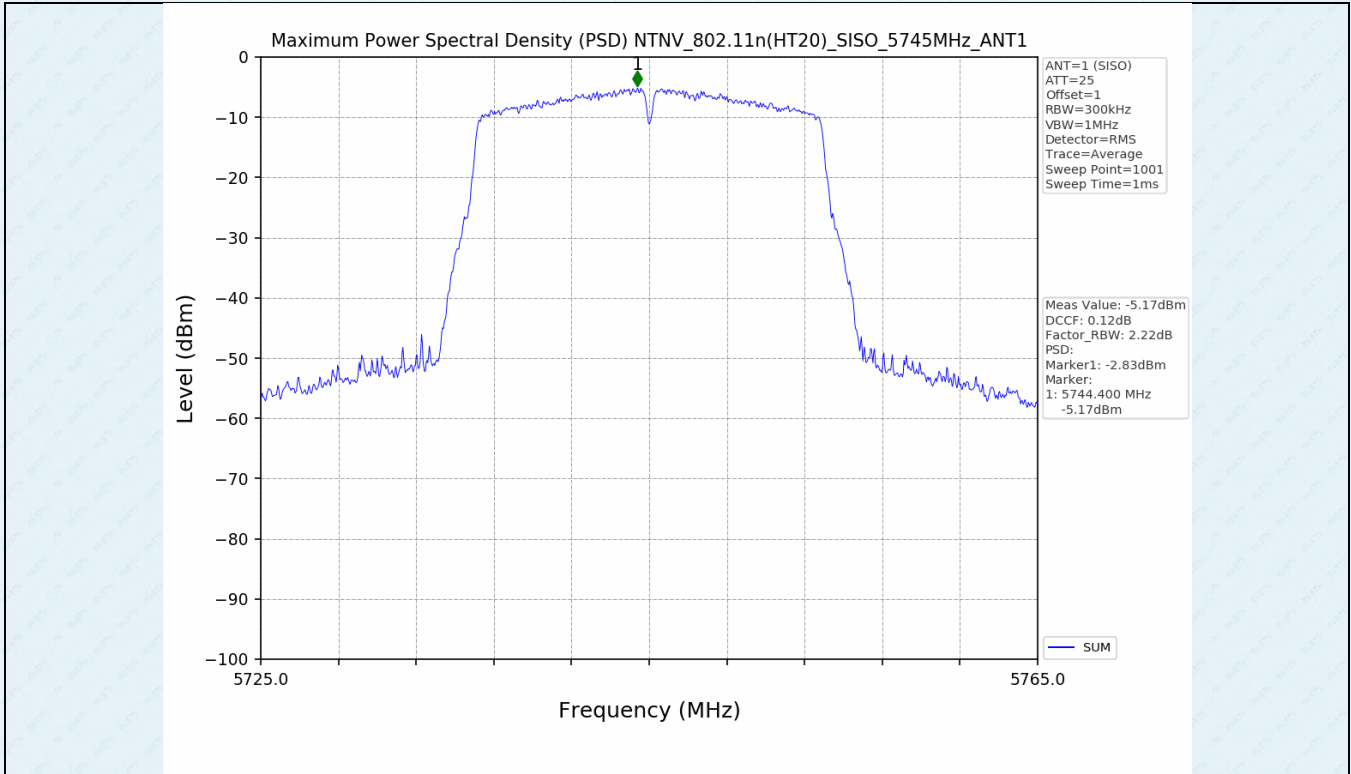


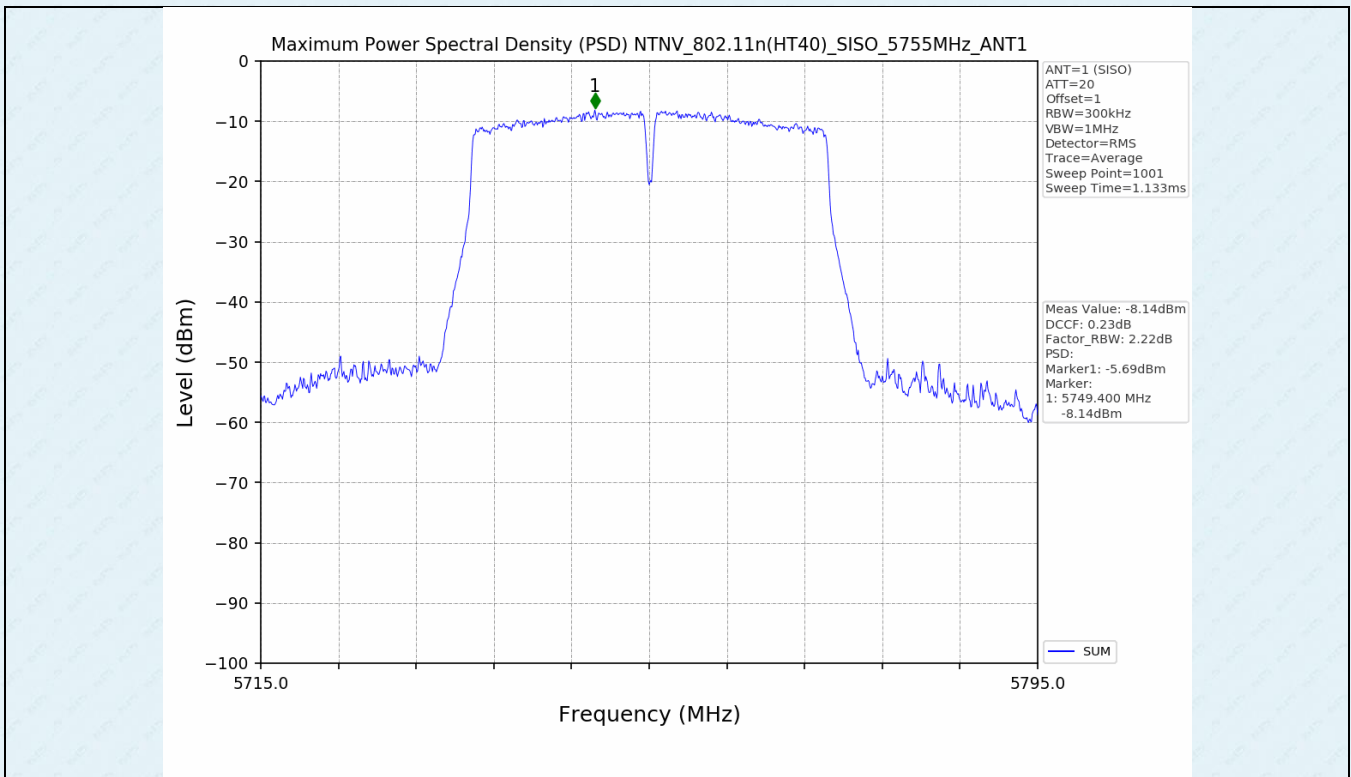
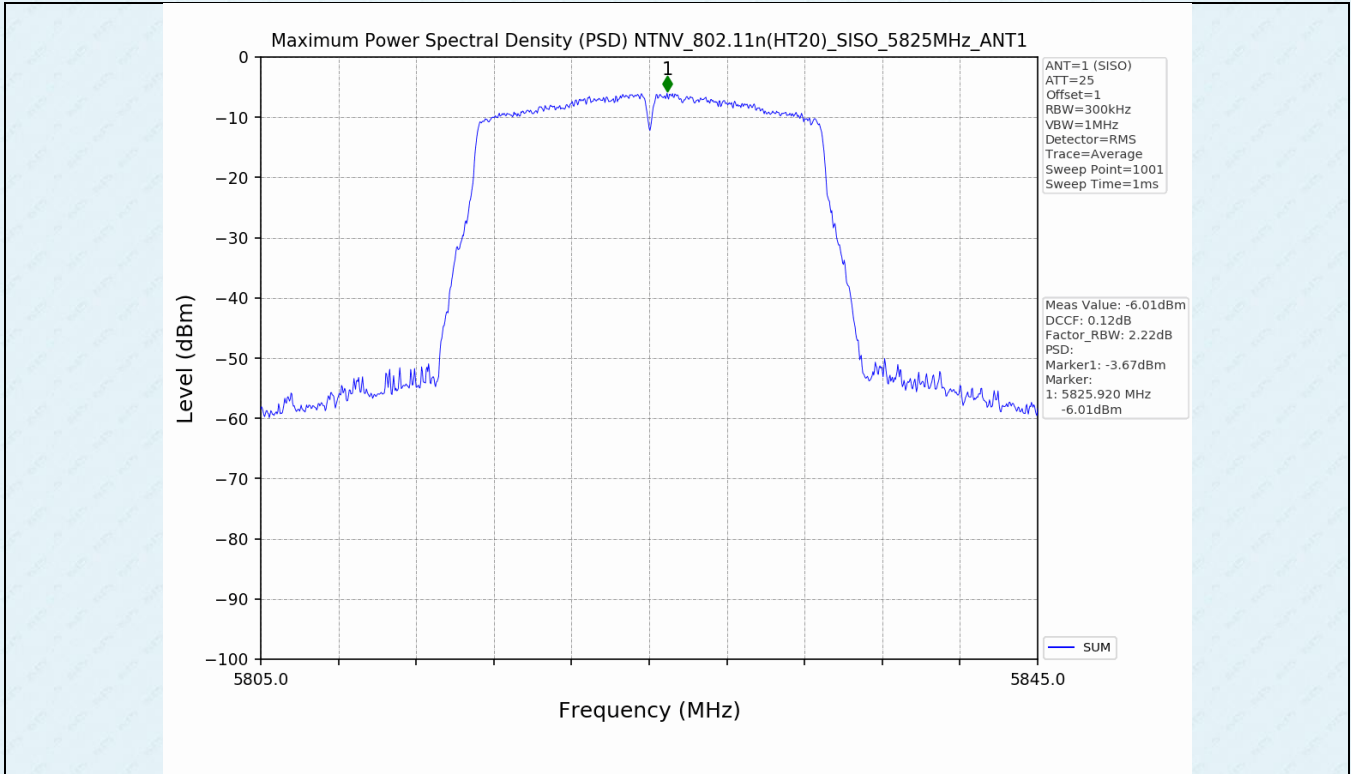


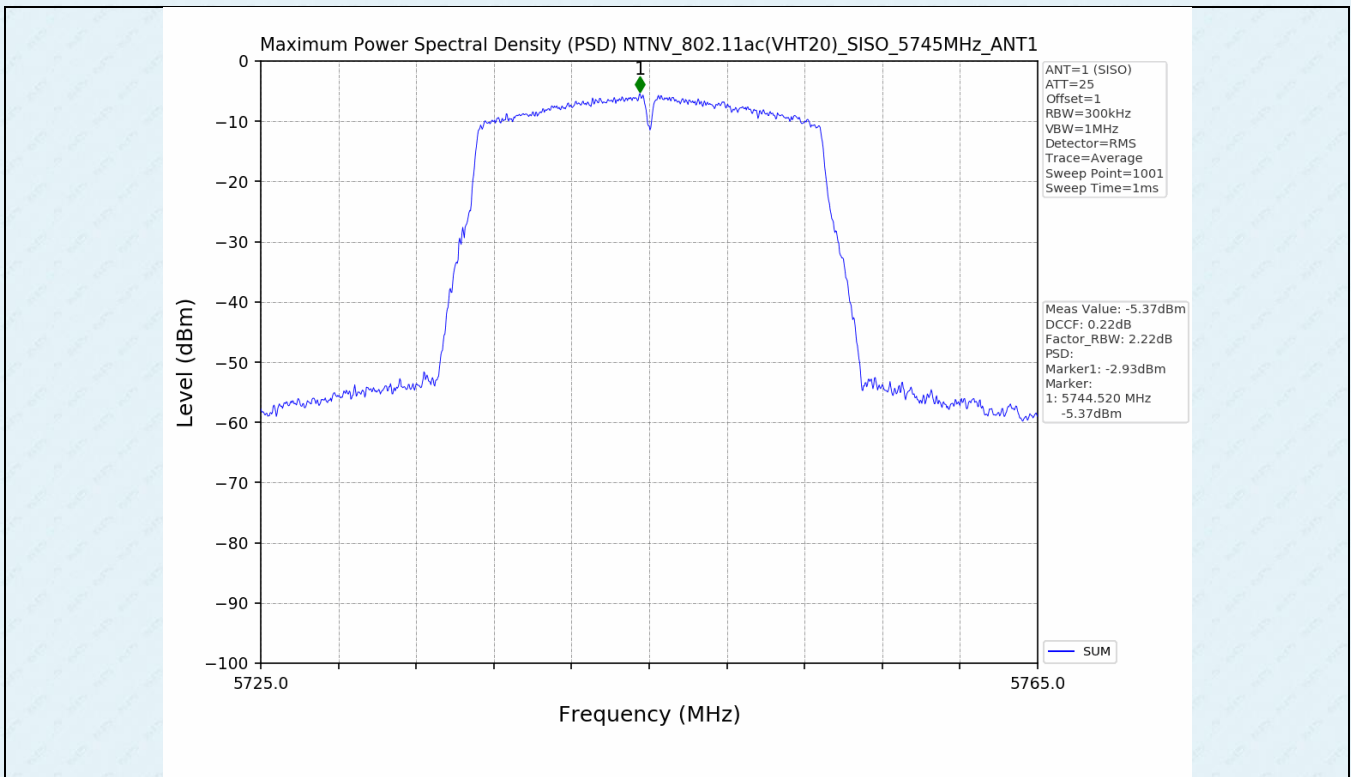
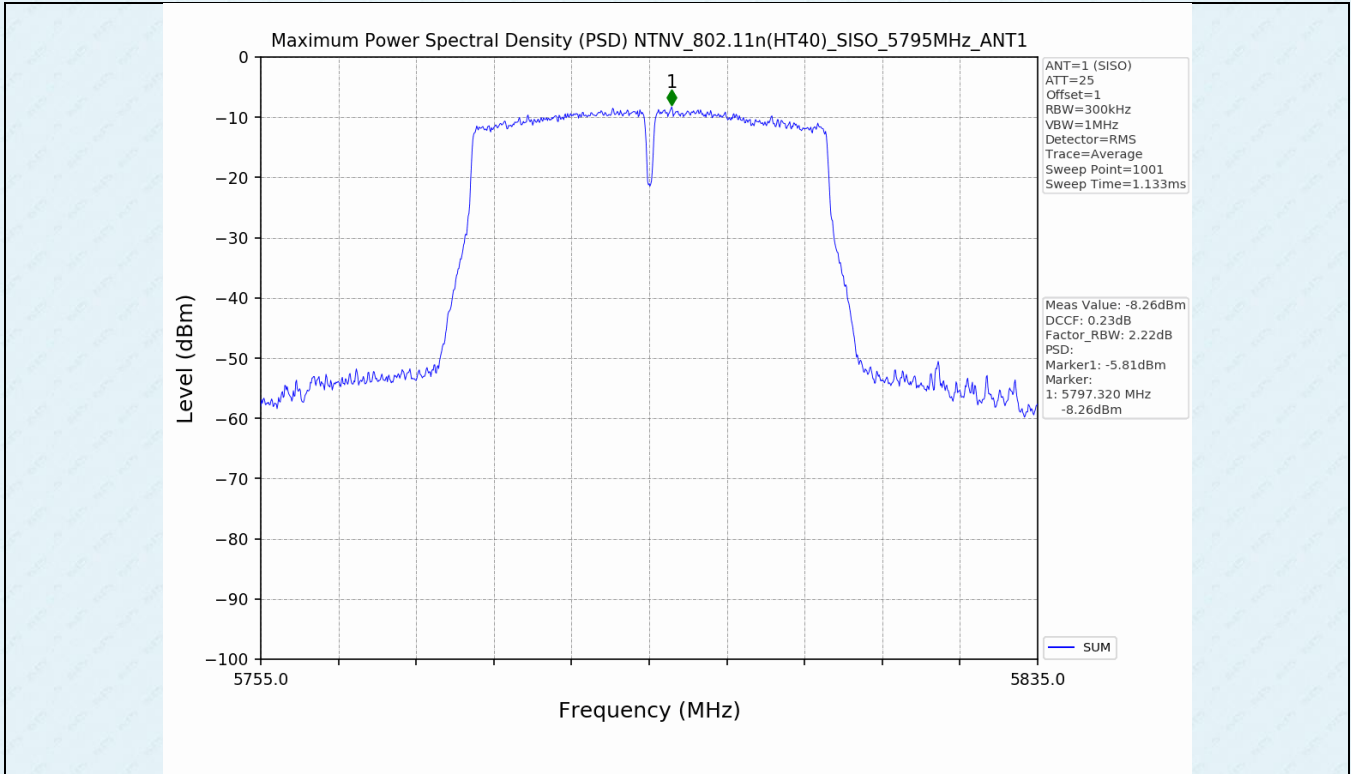
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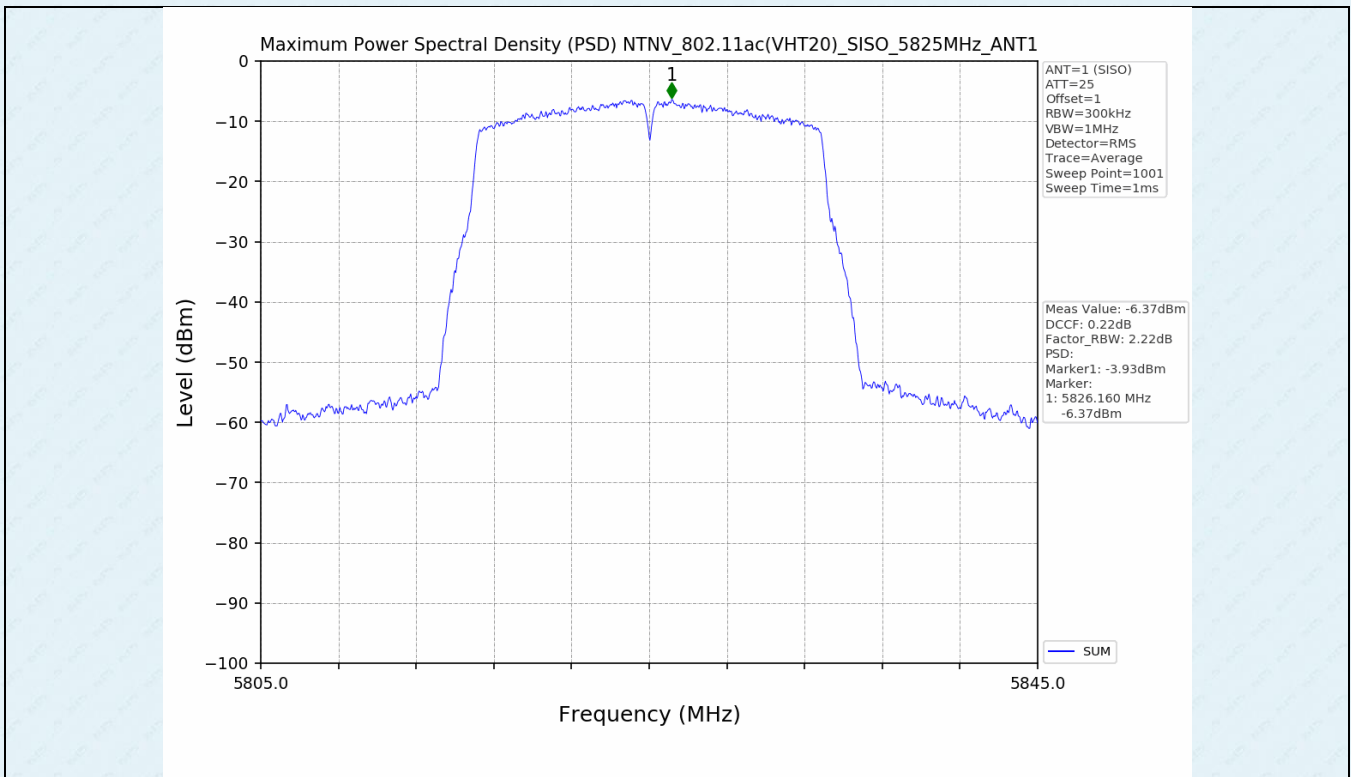
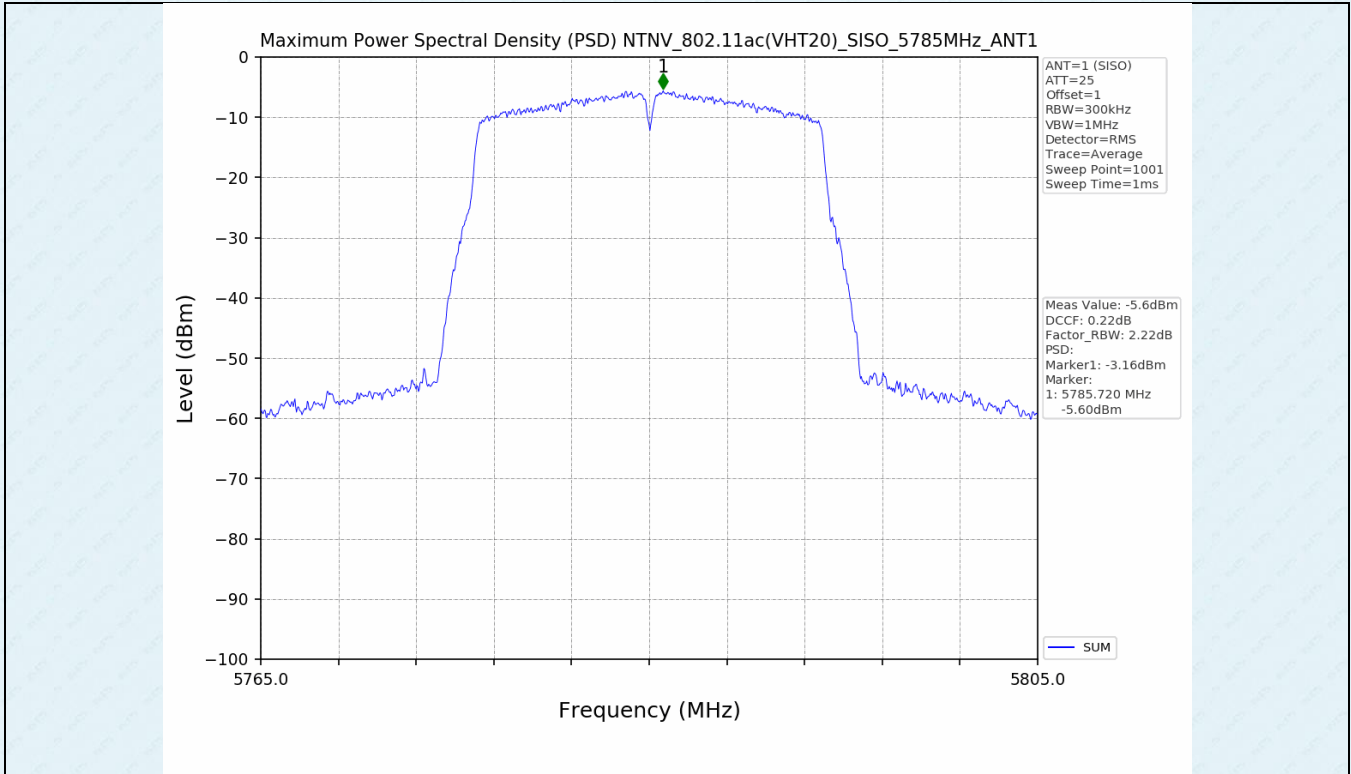


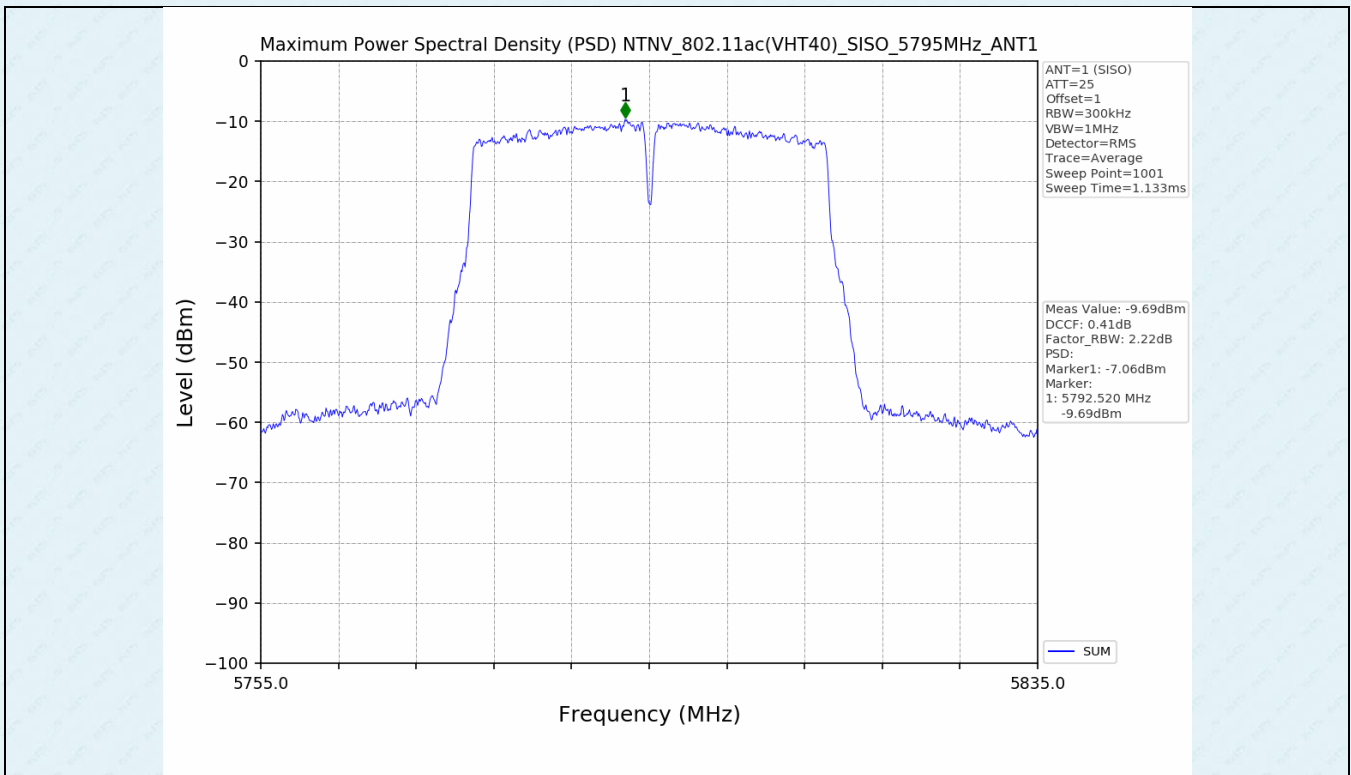
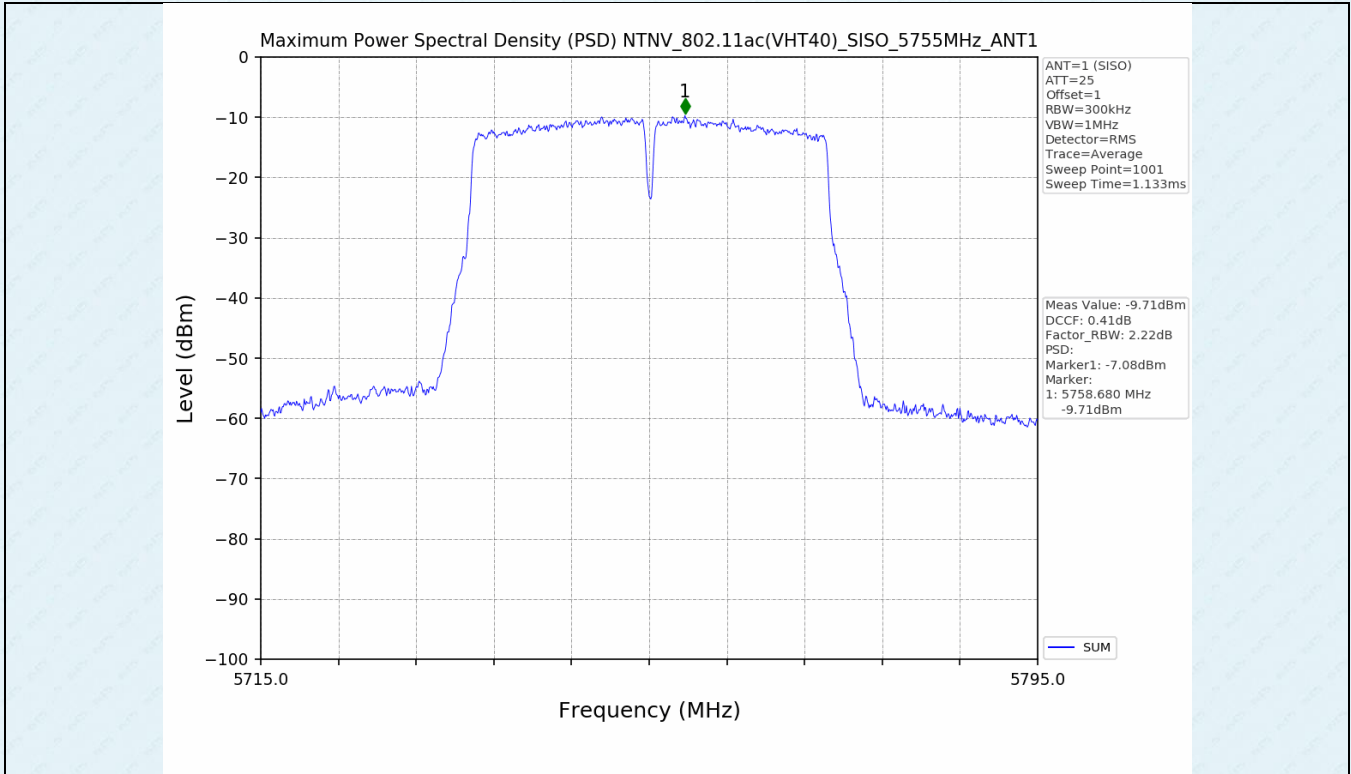


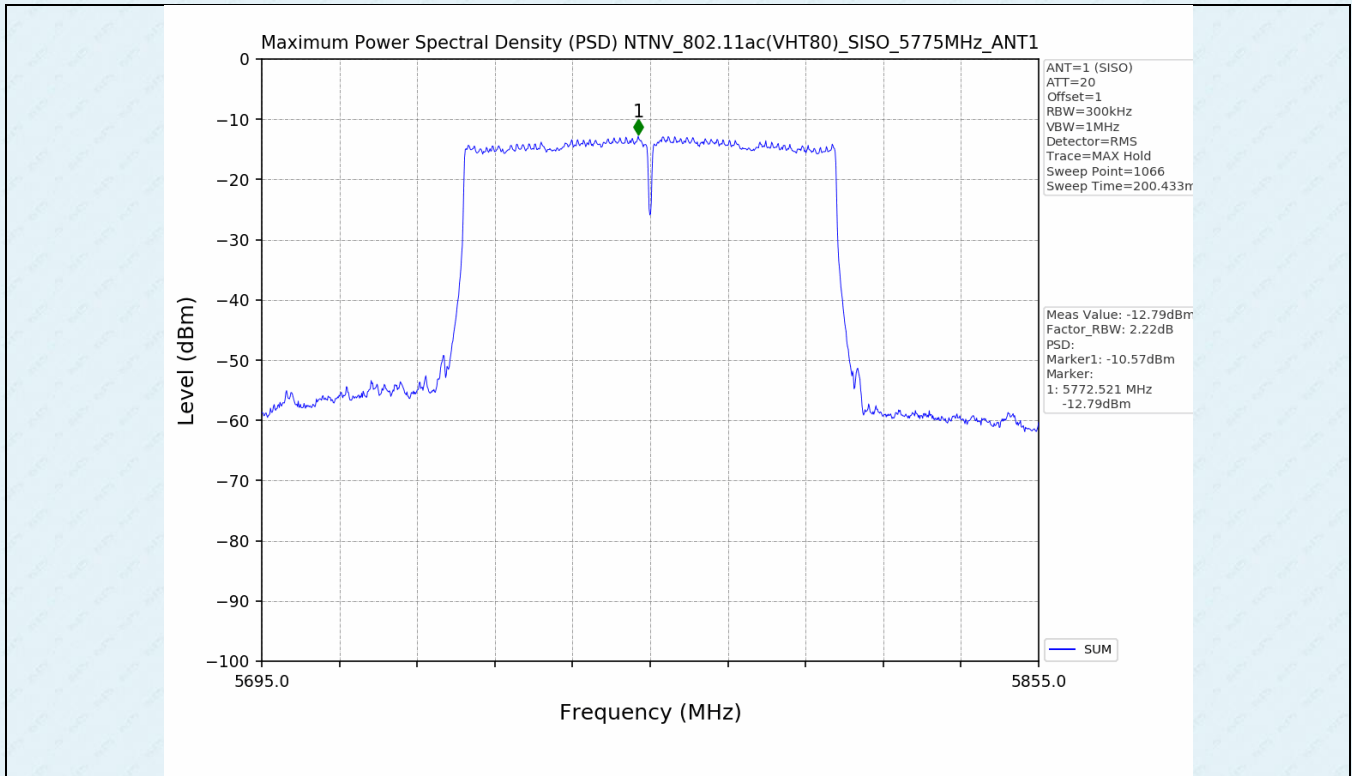












5. Frequency Stability

5.1 Test Result

Test Condition	Test Mode	Test Frequency [MHz]	Ant	Result [ppm]	Limit [ppm]	Verdict
NTNV	Carrier	5745	1	-3.31	<=20	PASS
		5755	1	-3.13	<=20	PASS
		5775	1	-3.29	<=20	PASS
		5785	1	-2.94	<=20	PASS
		5795	1	-3.11	<=20	PASS
		5825	1	-2.92	<=20	PASS

-----End-----