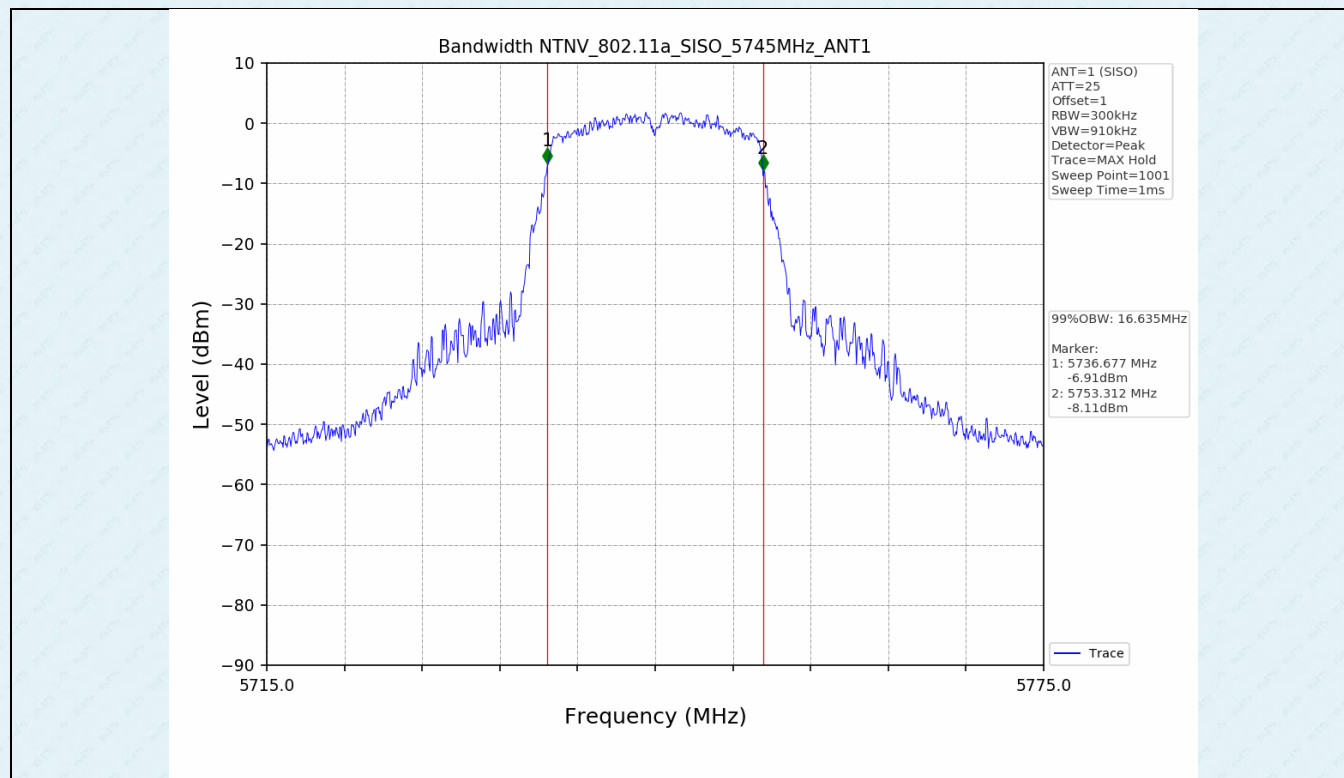
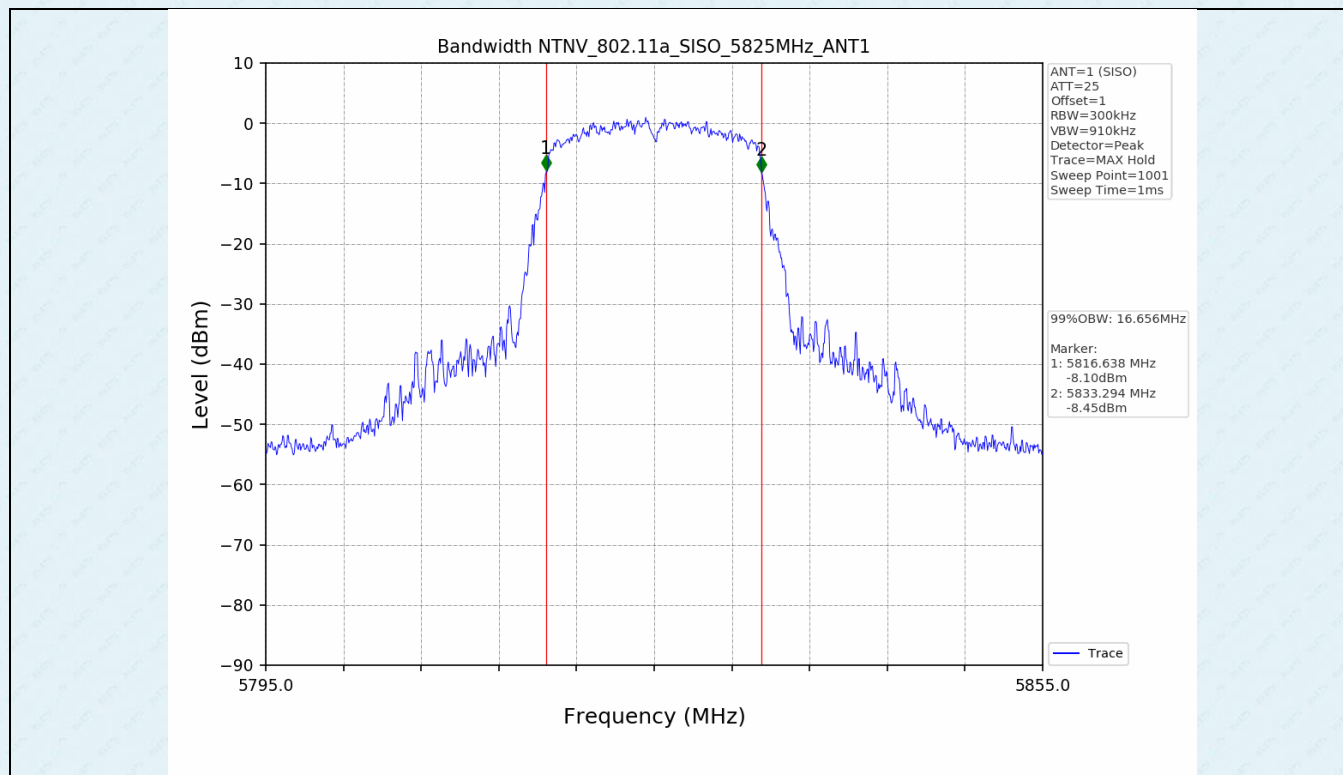
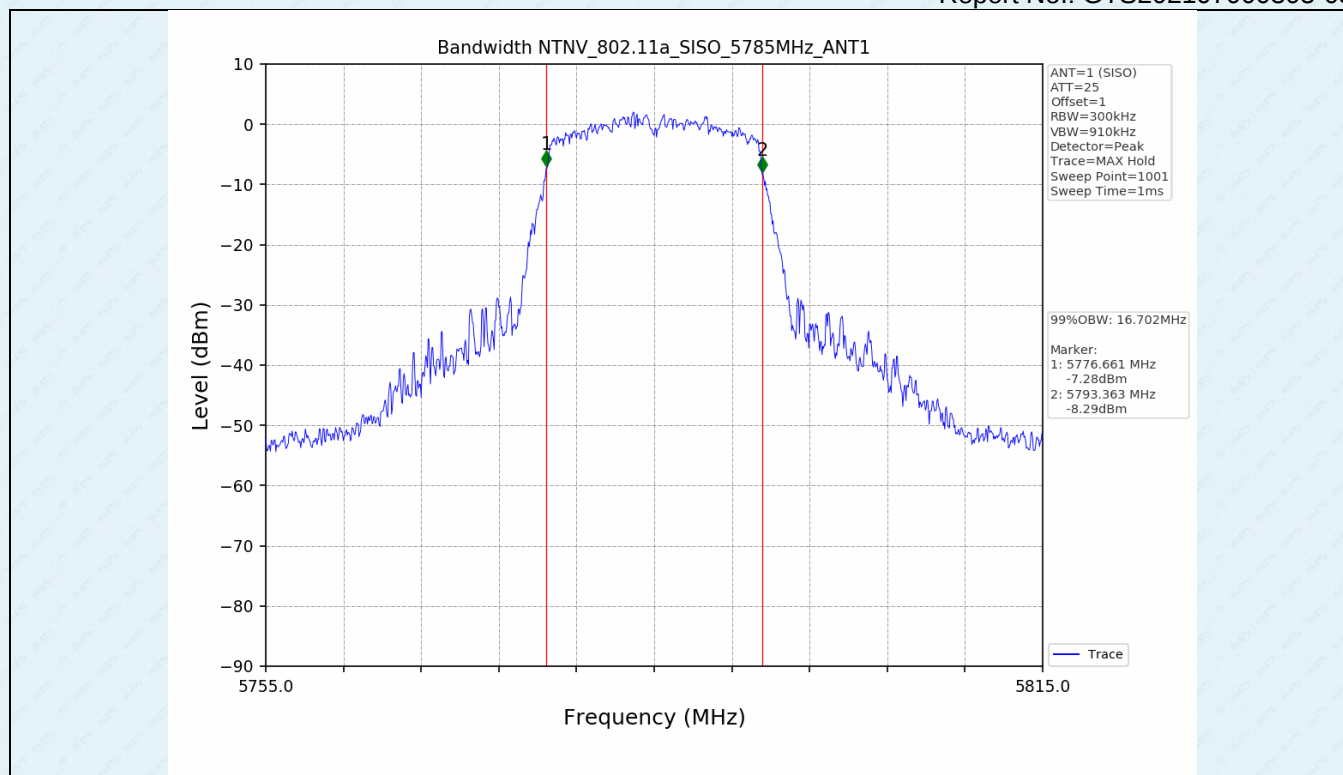
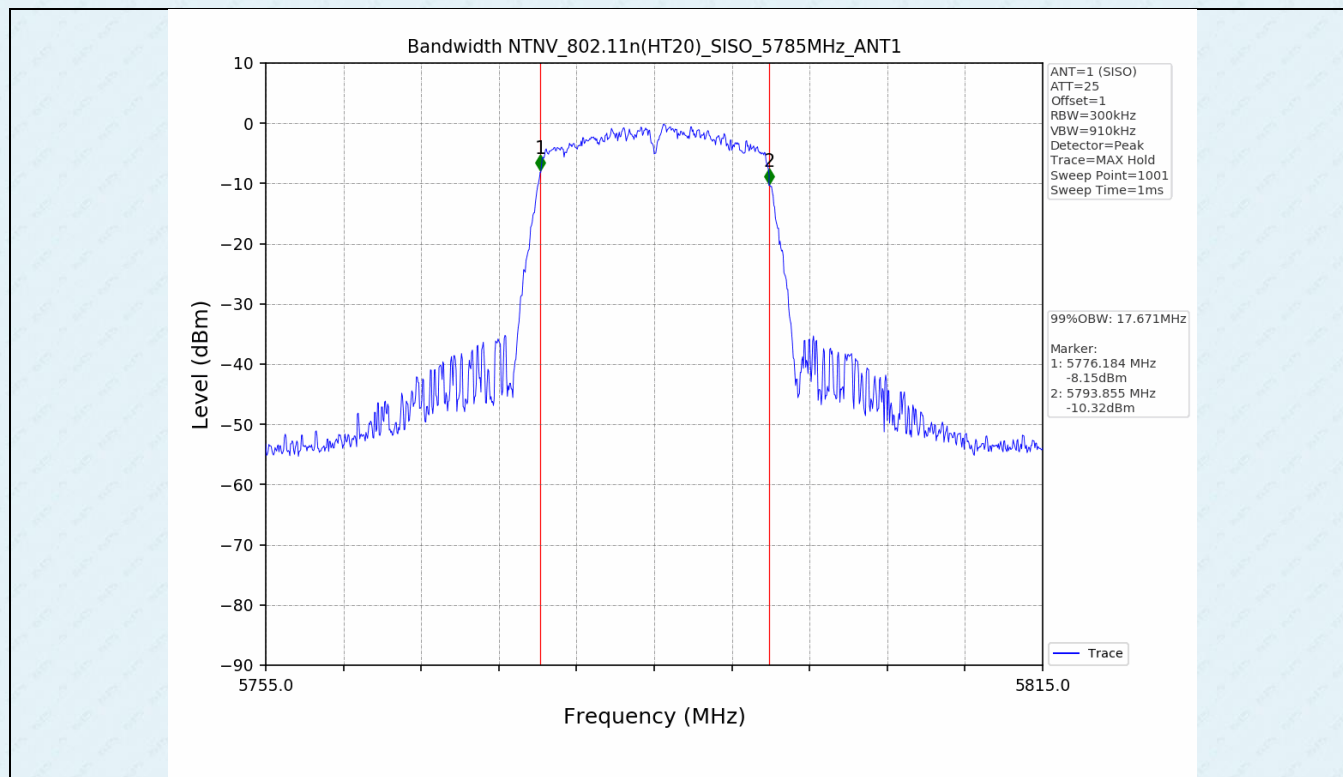
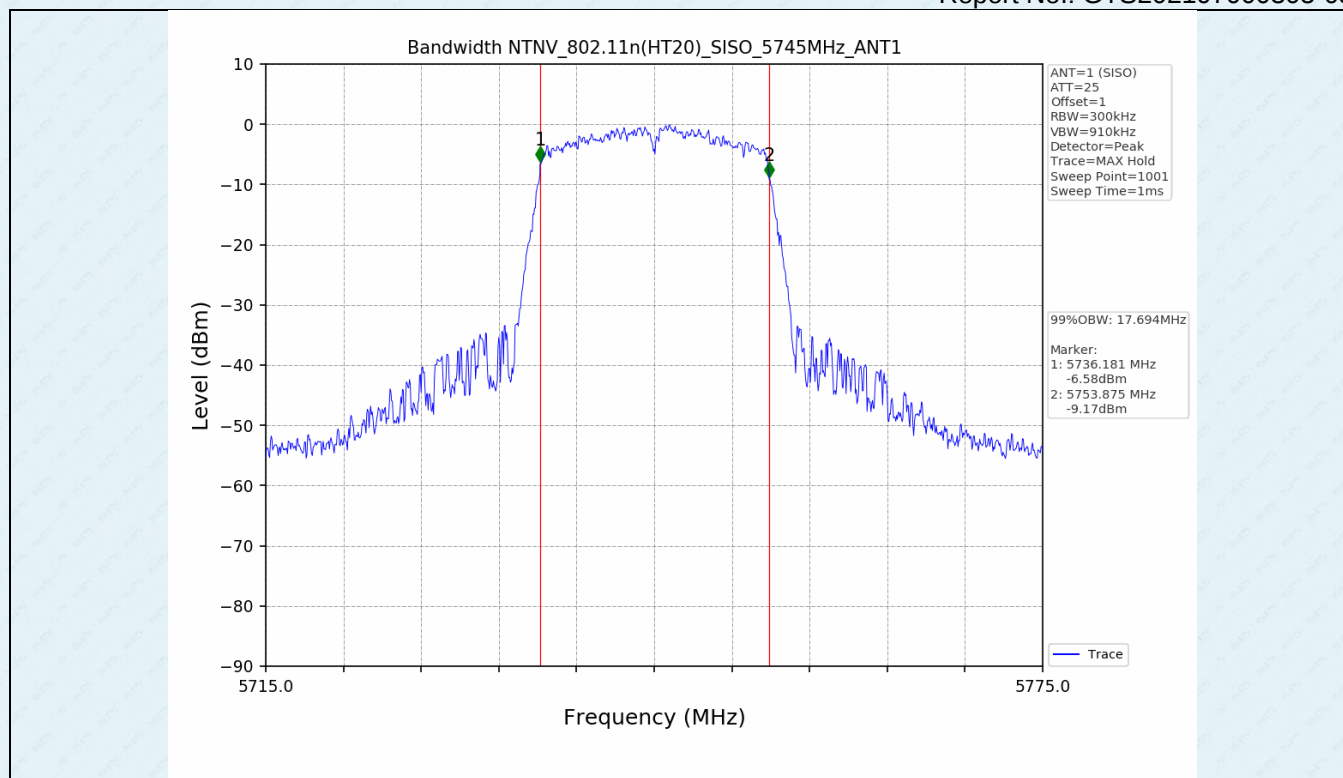


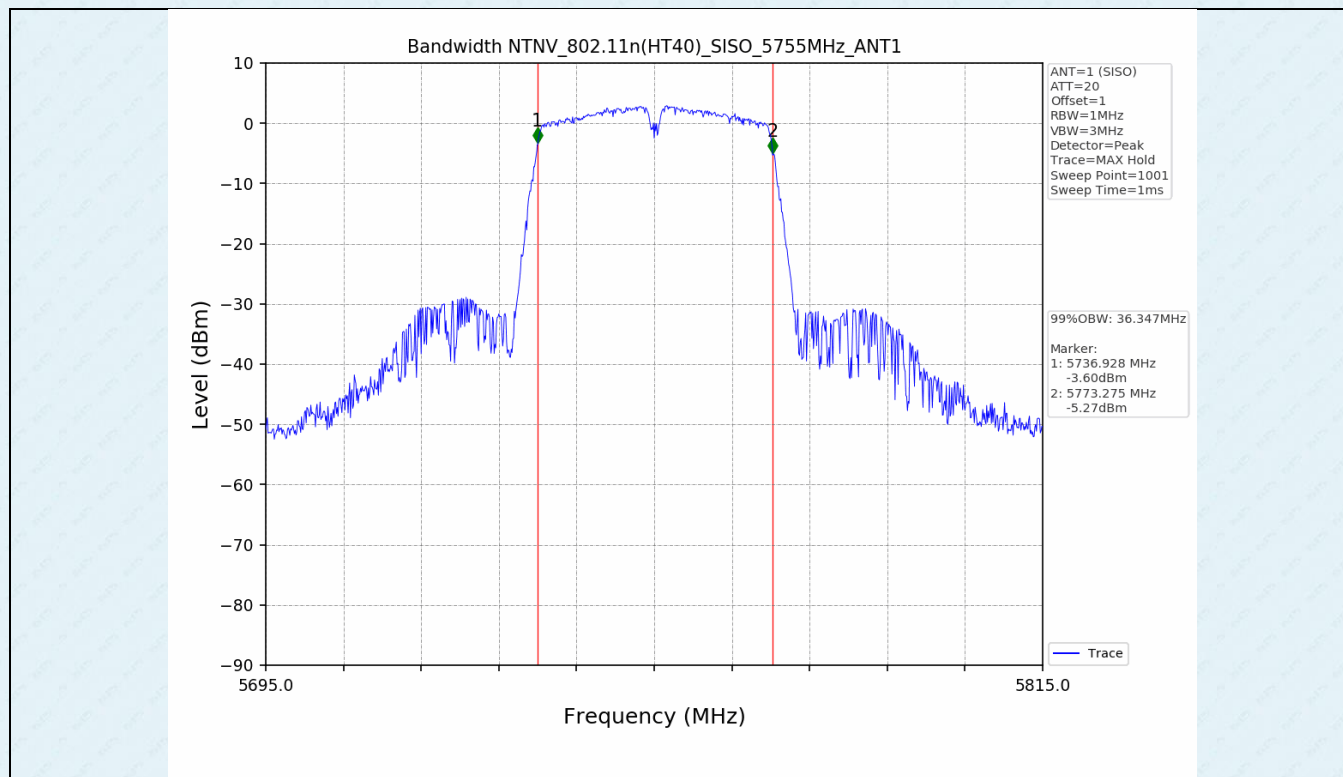
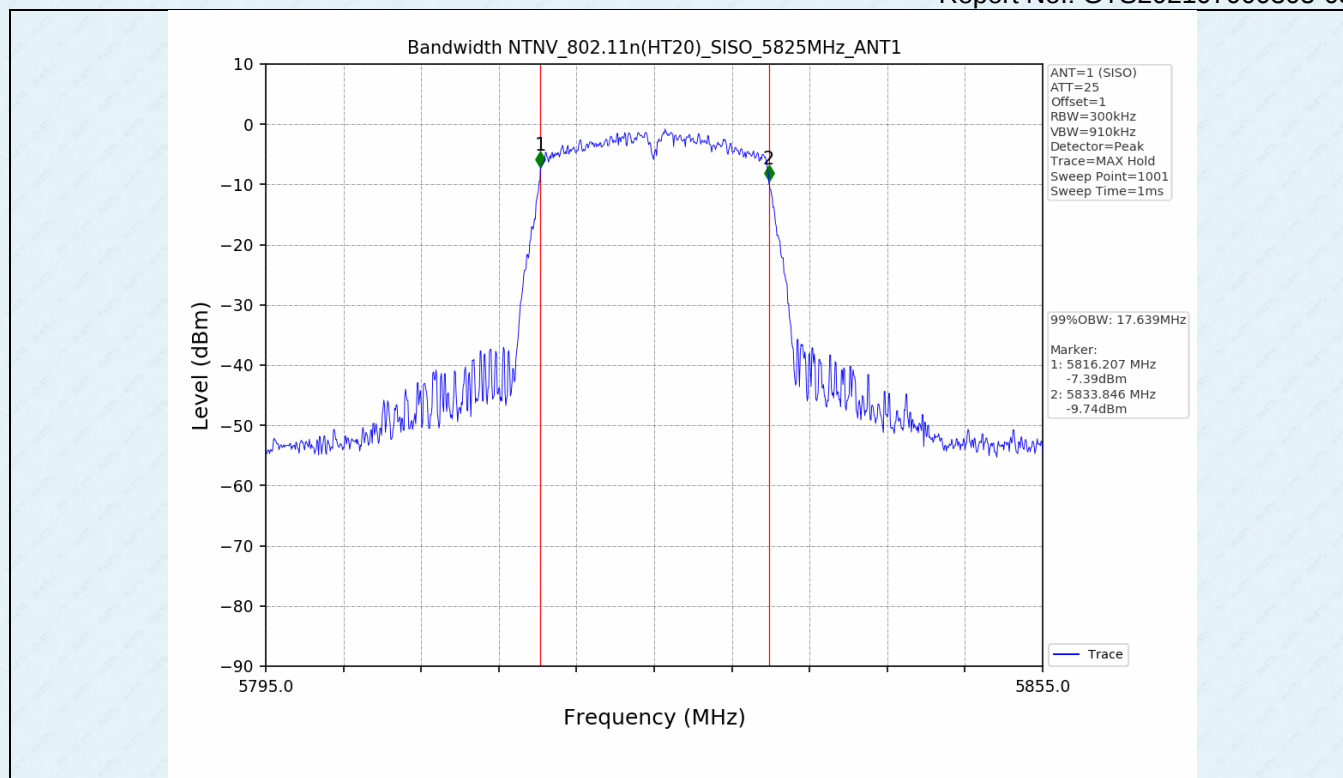
2.3 Test Graph - 99% Occupied Bandwidth

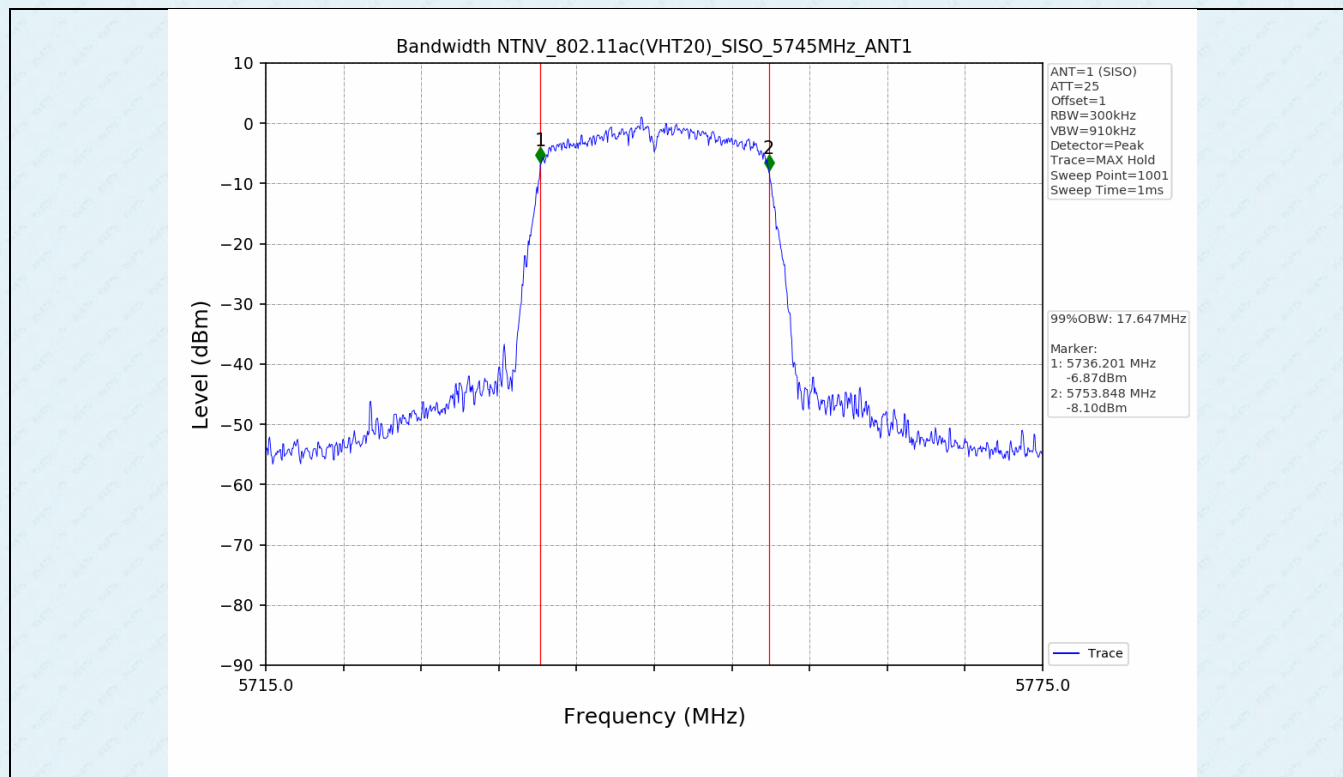
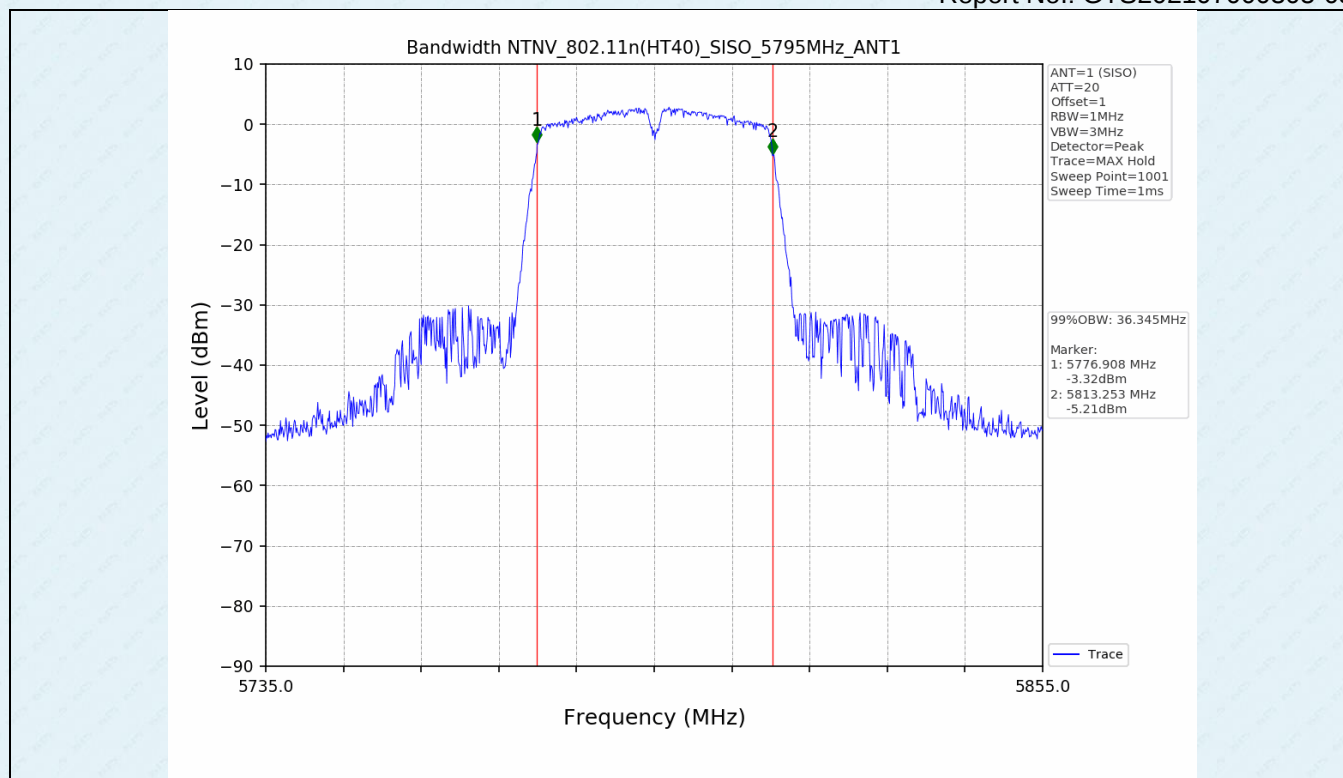
ANT 1:

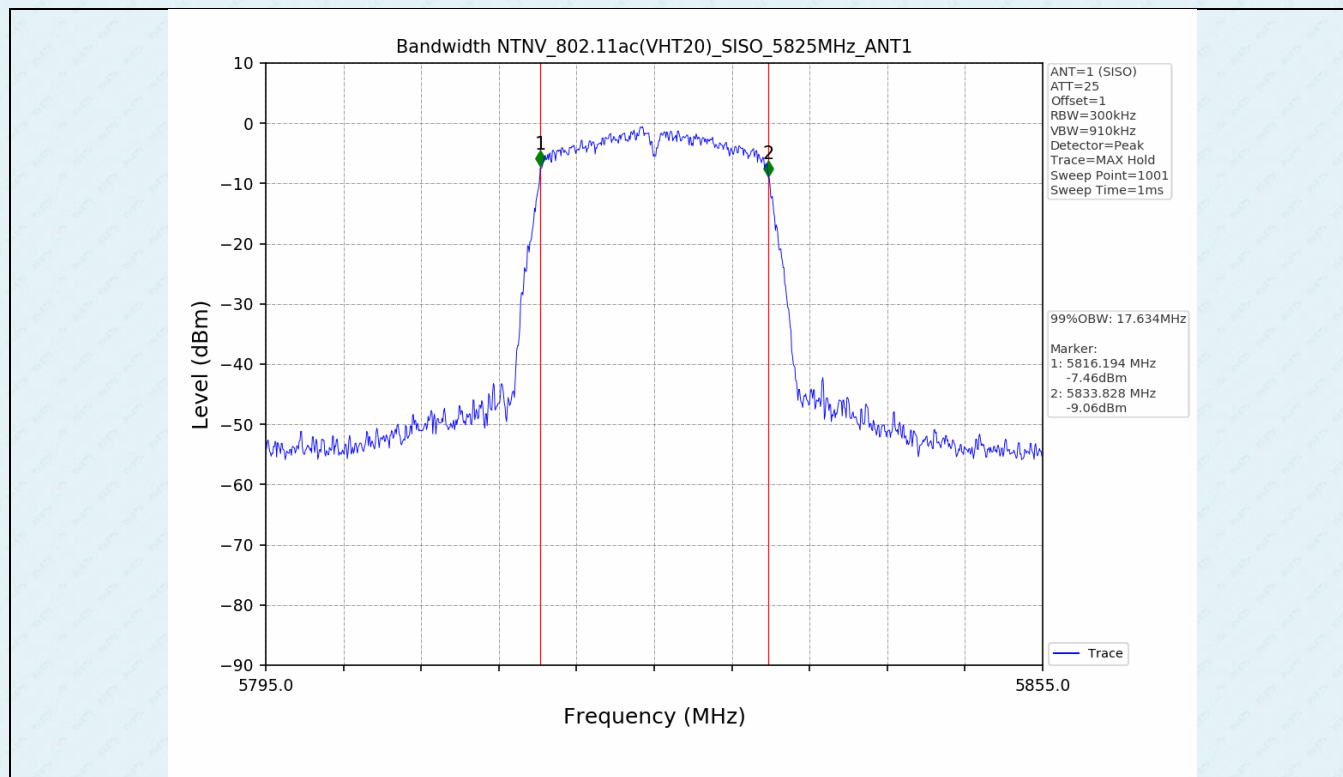
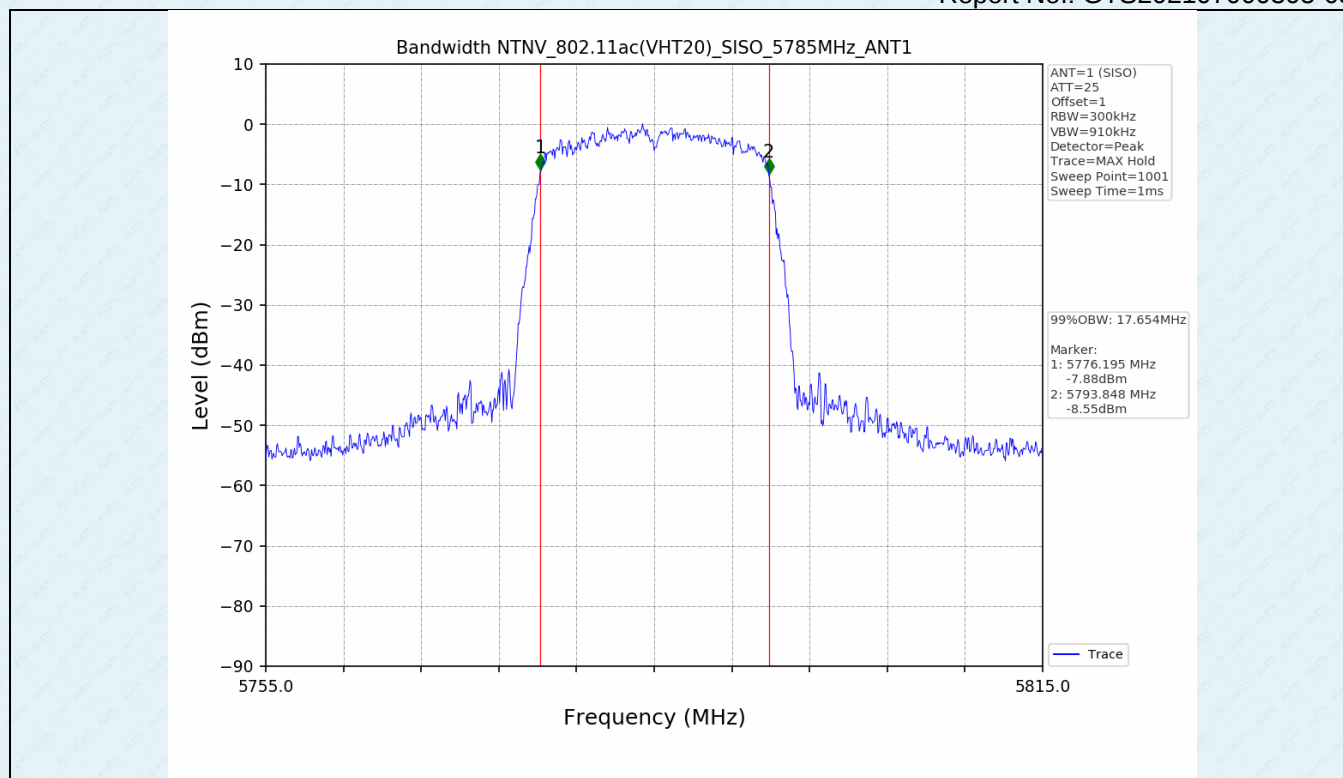


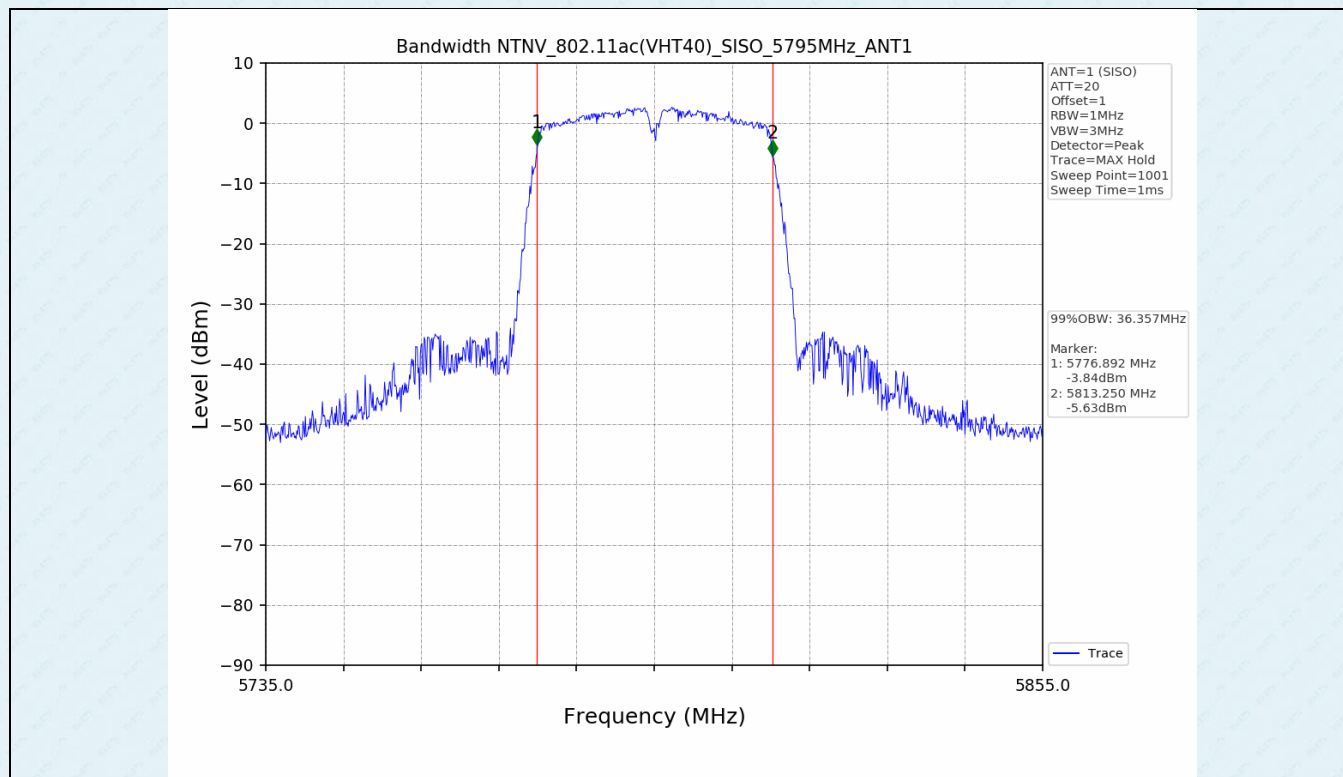
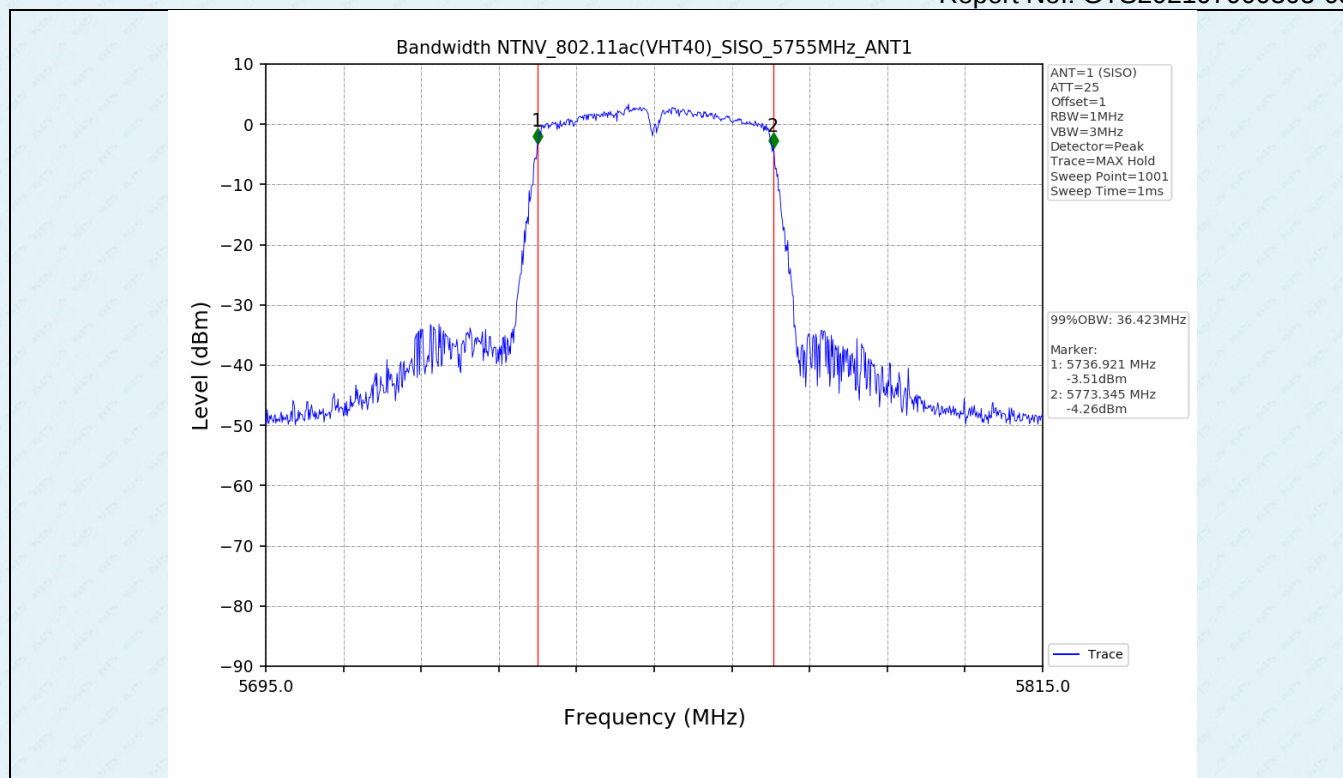


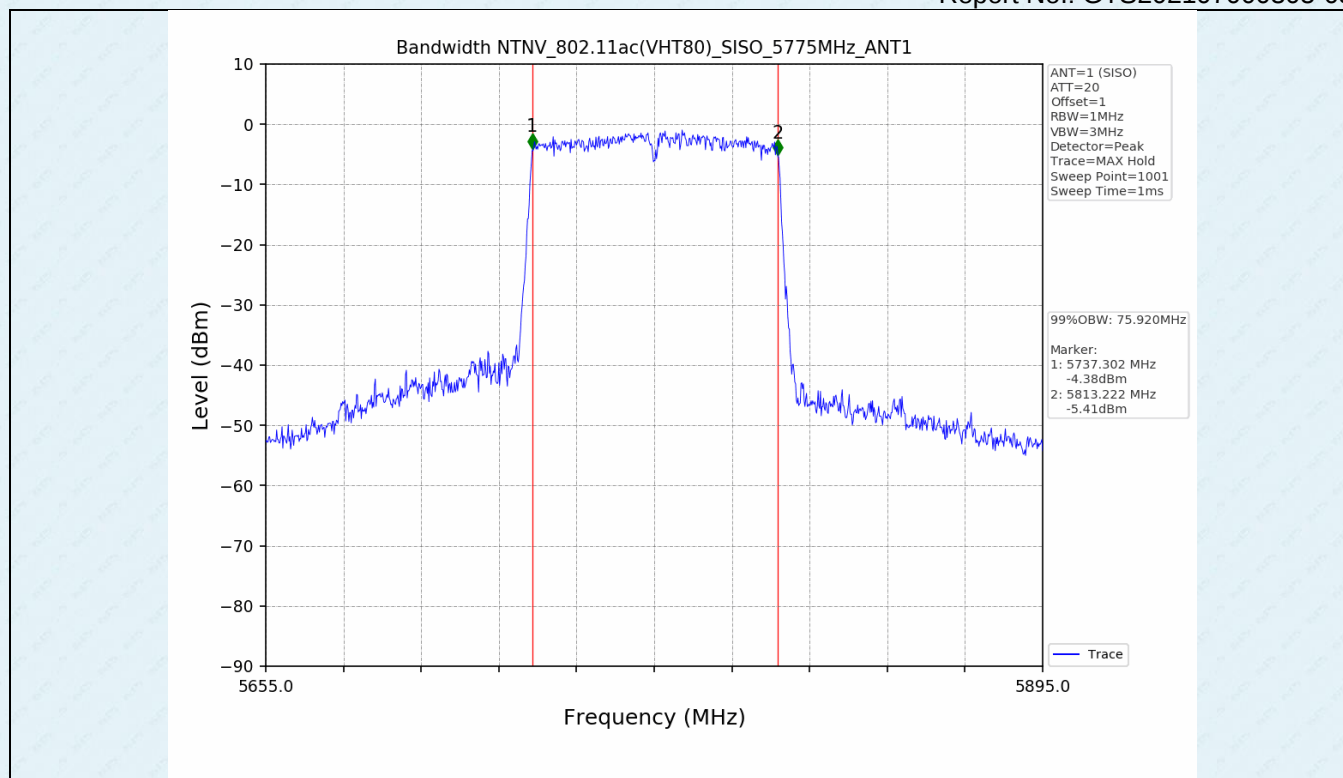




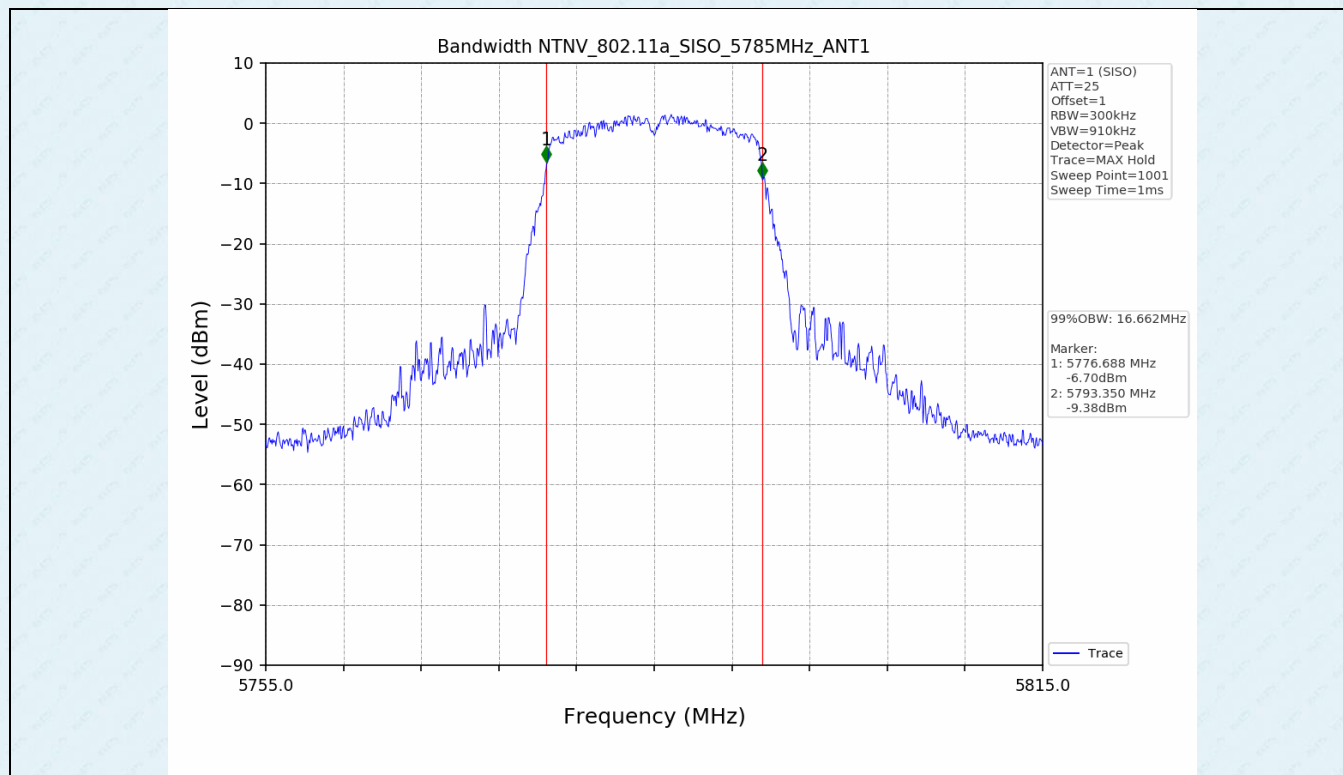
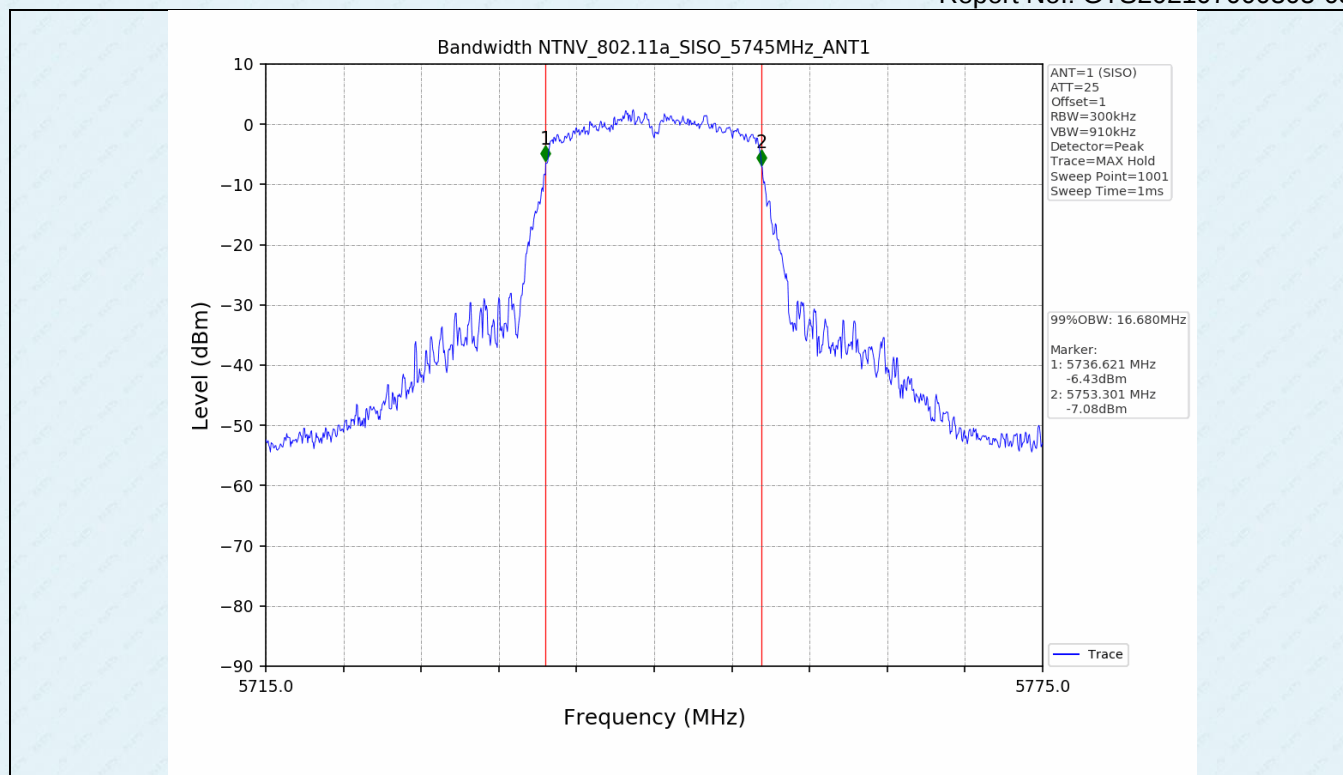


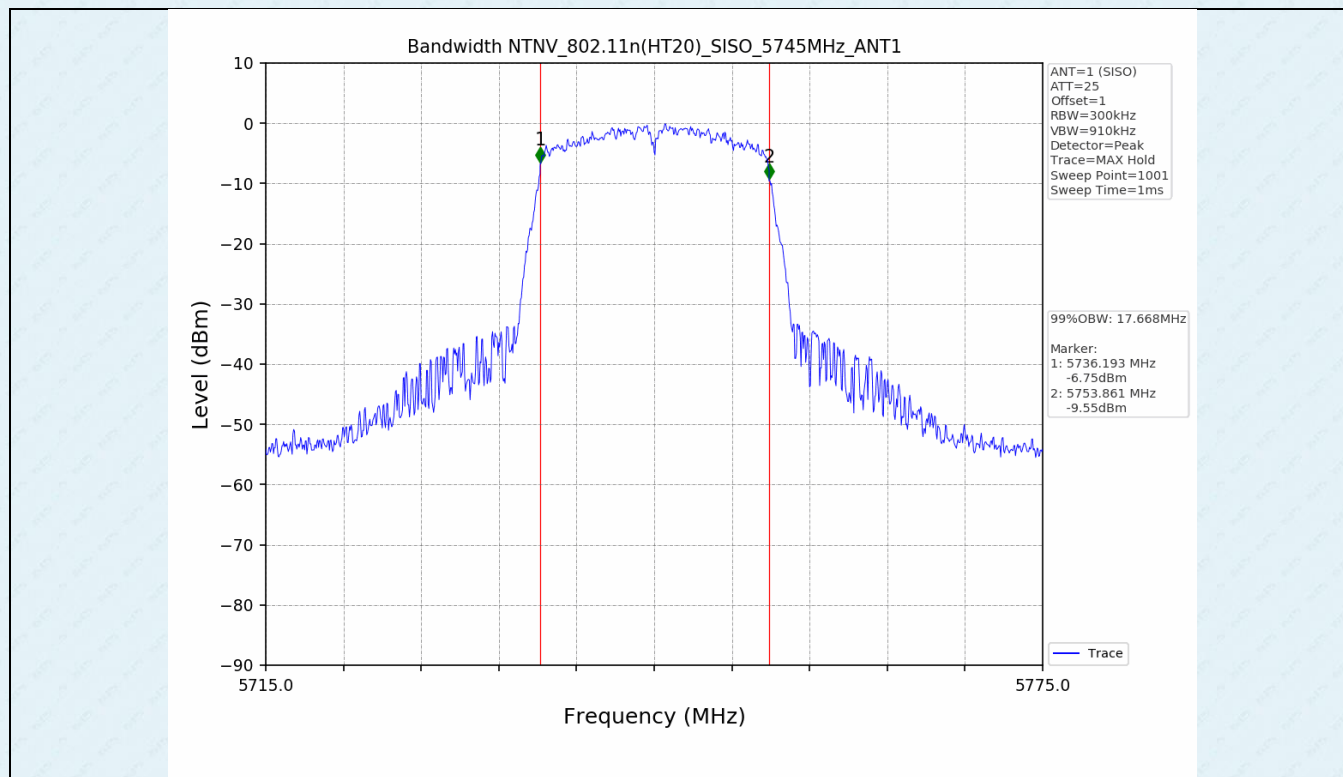
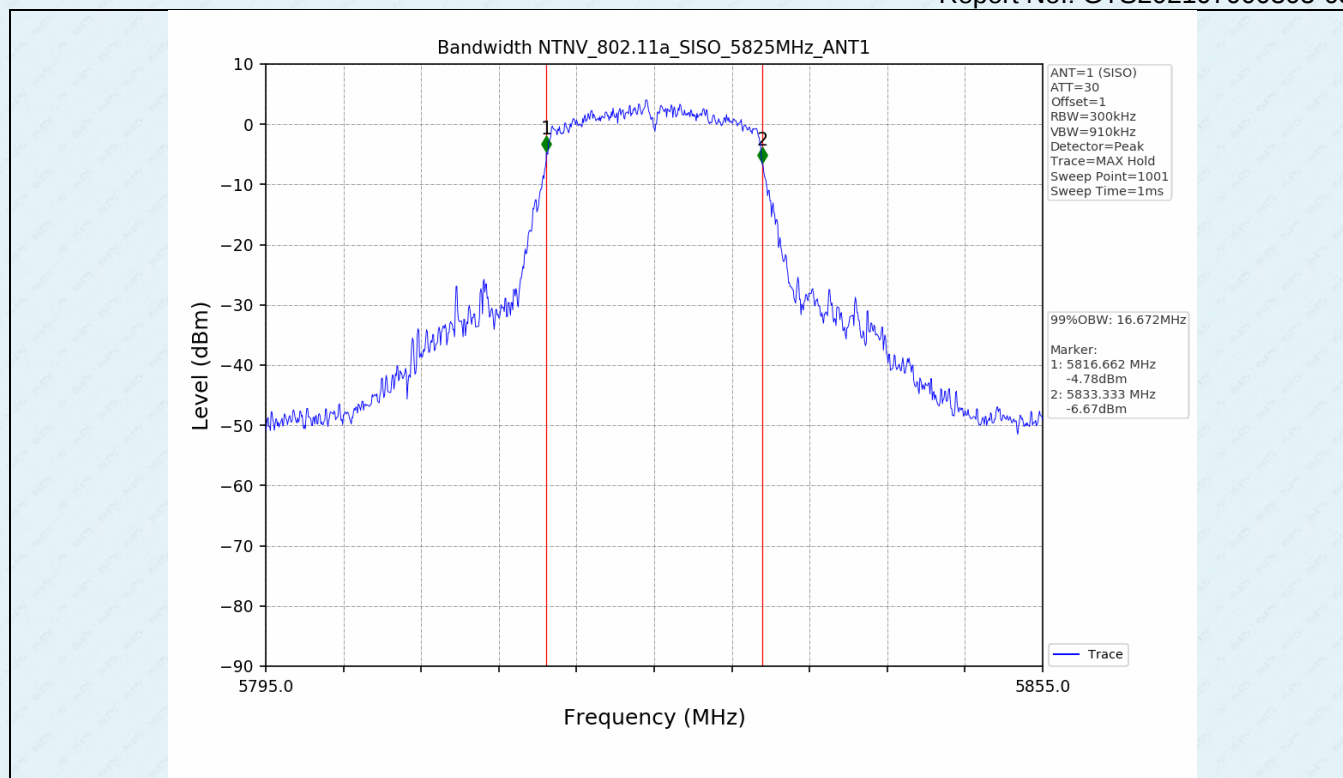


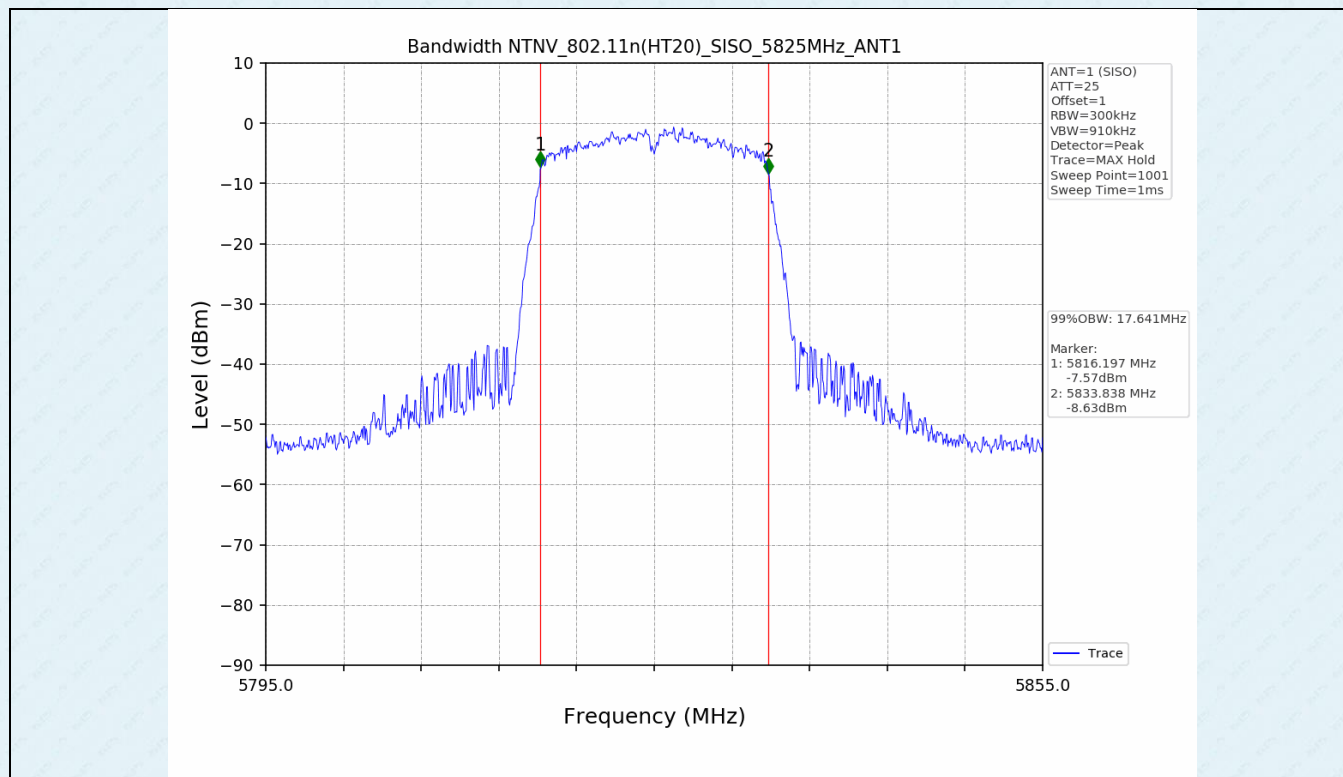
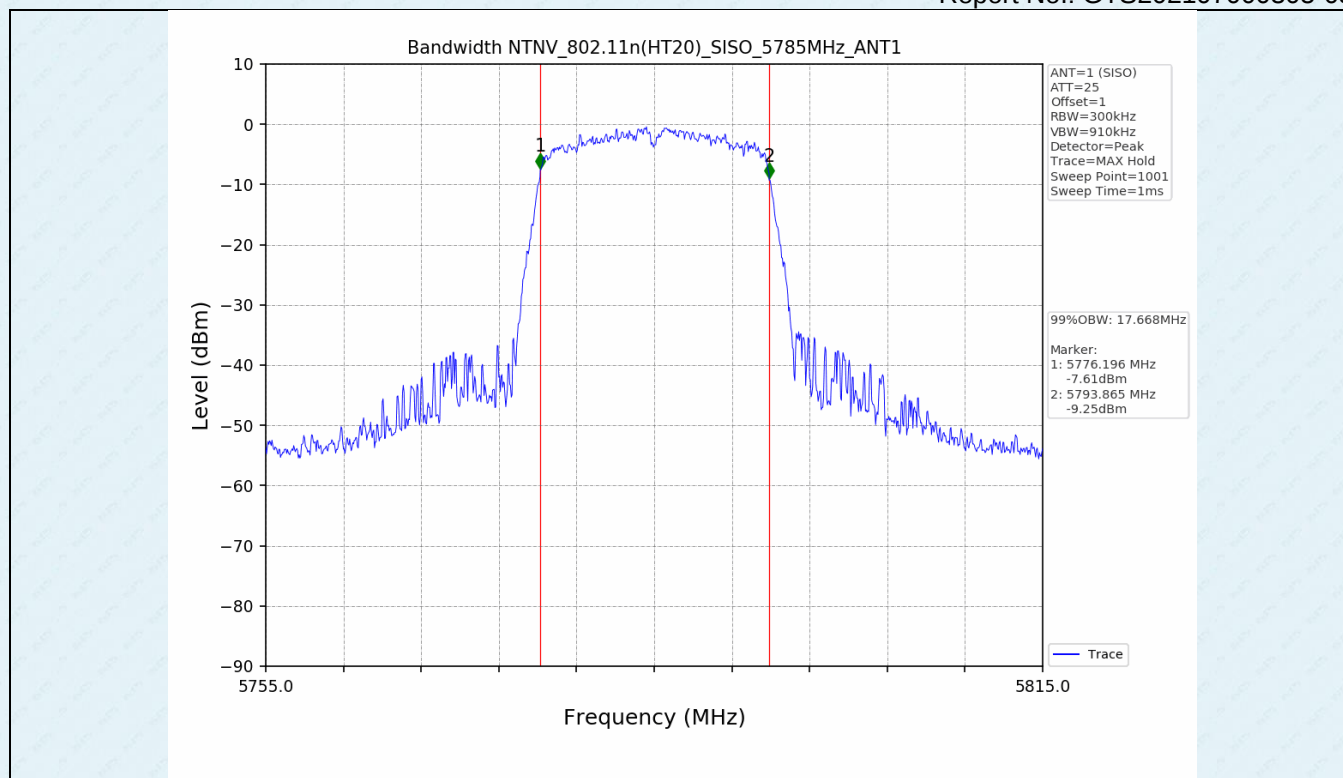


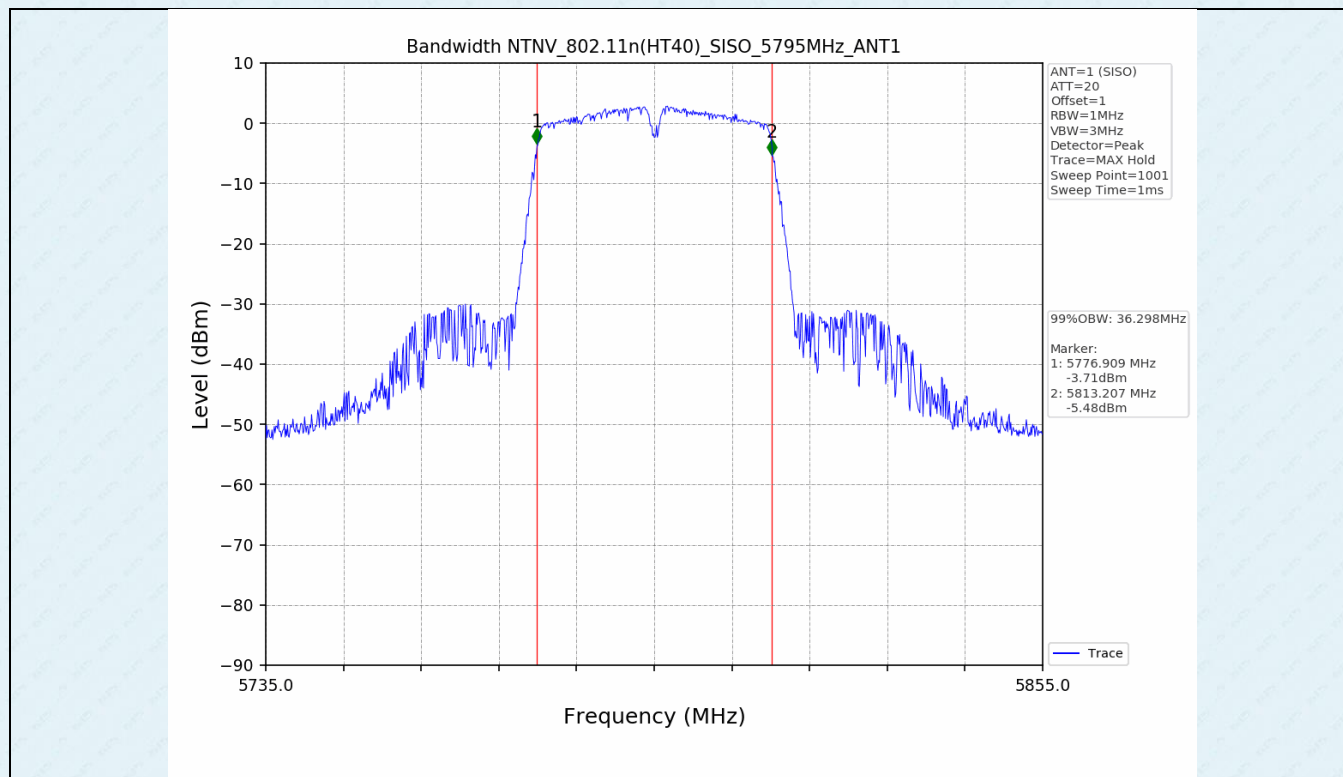
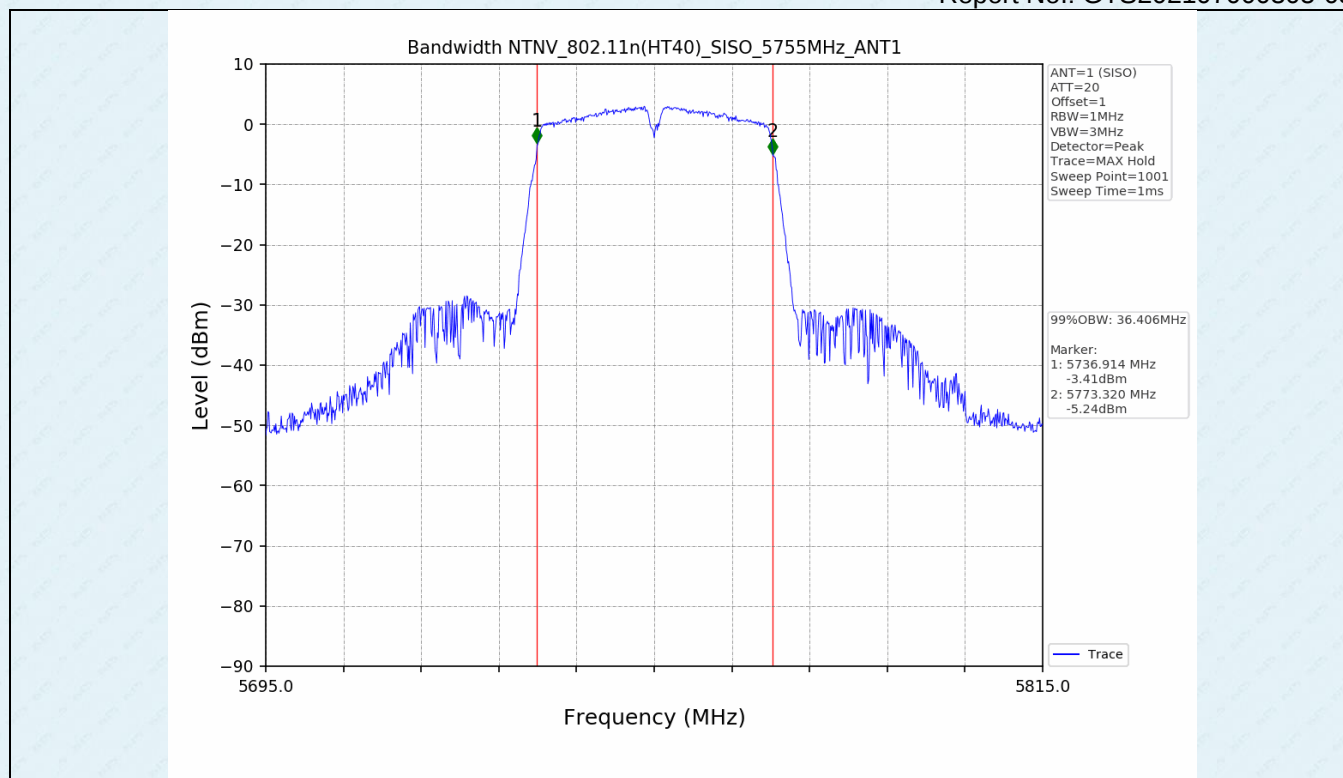


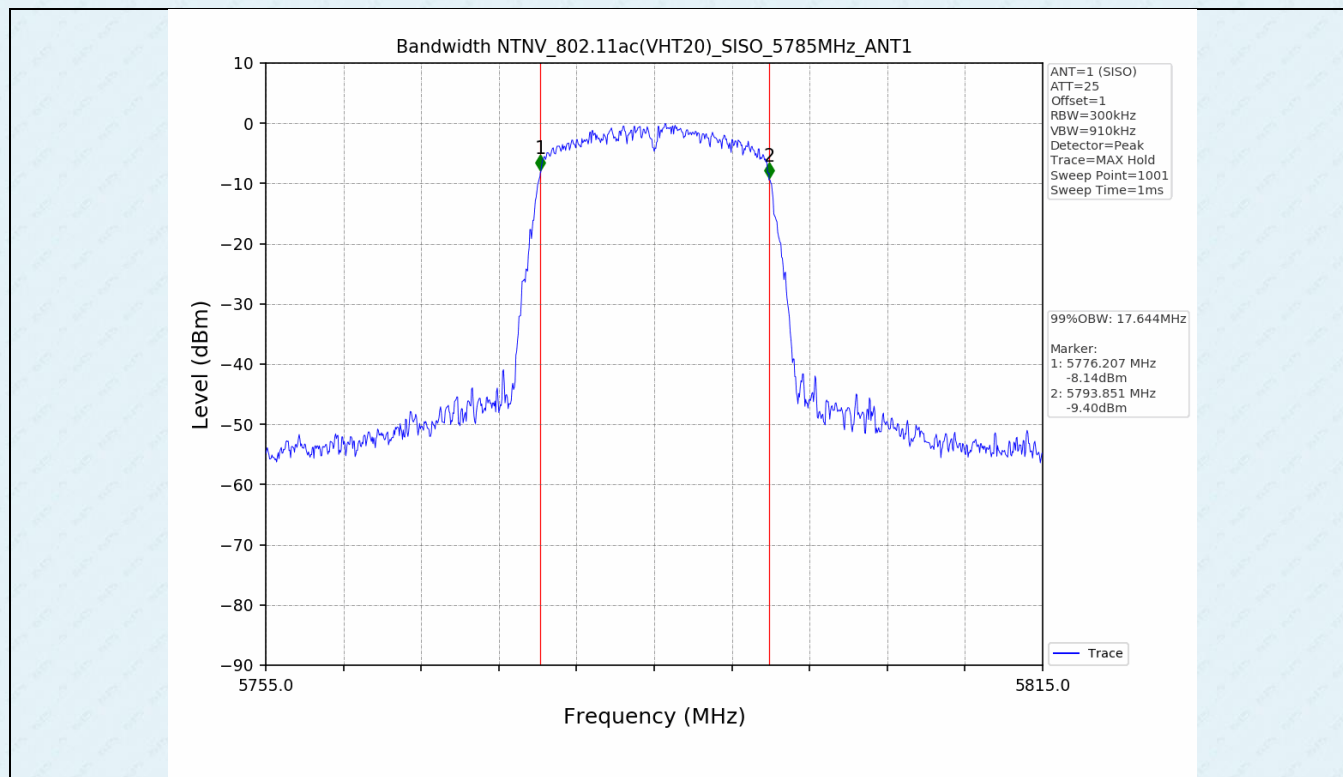
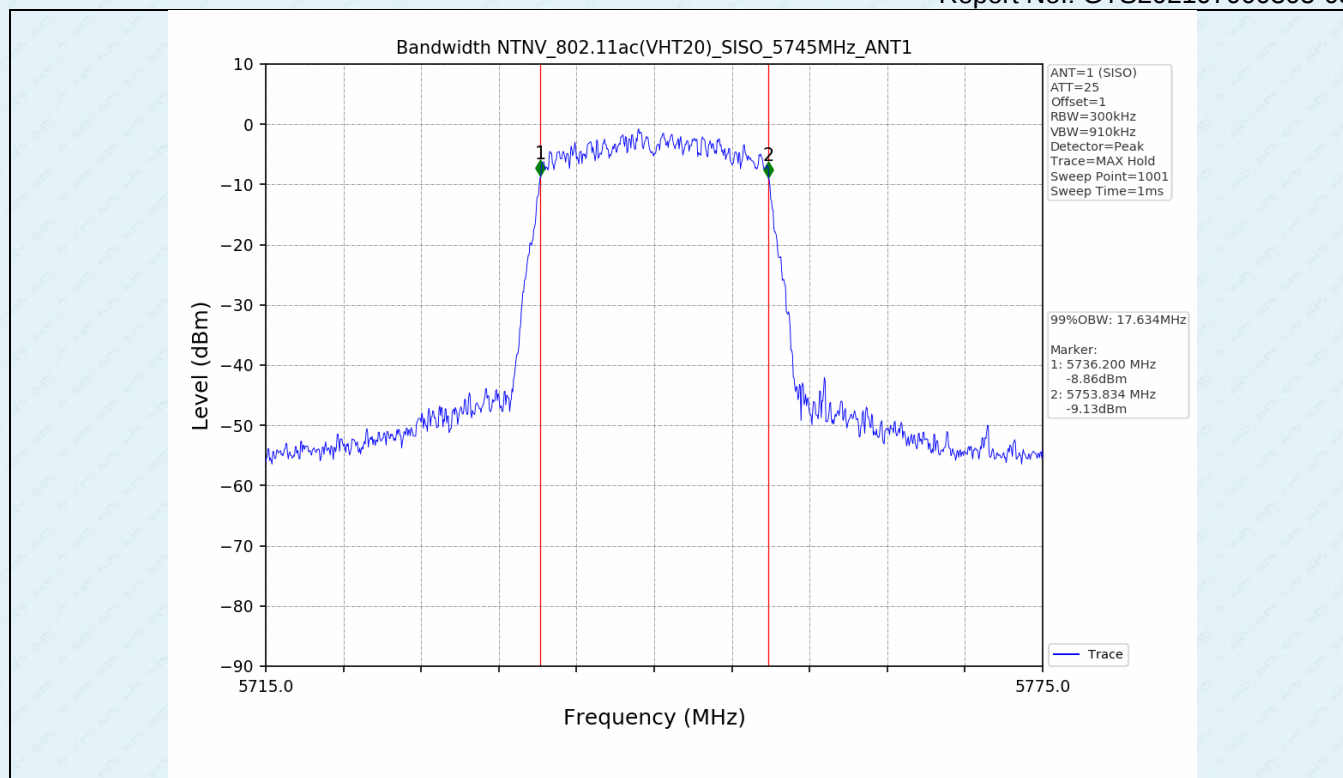
ANT 2:

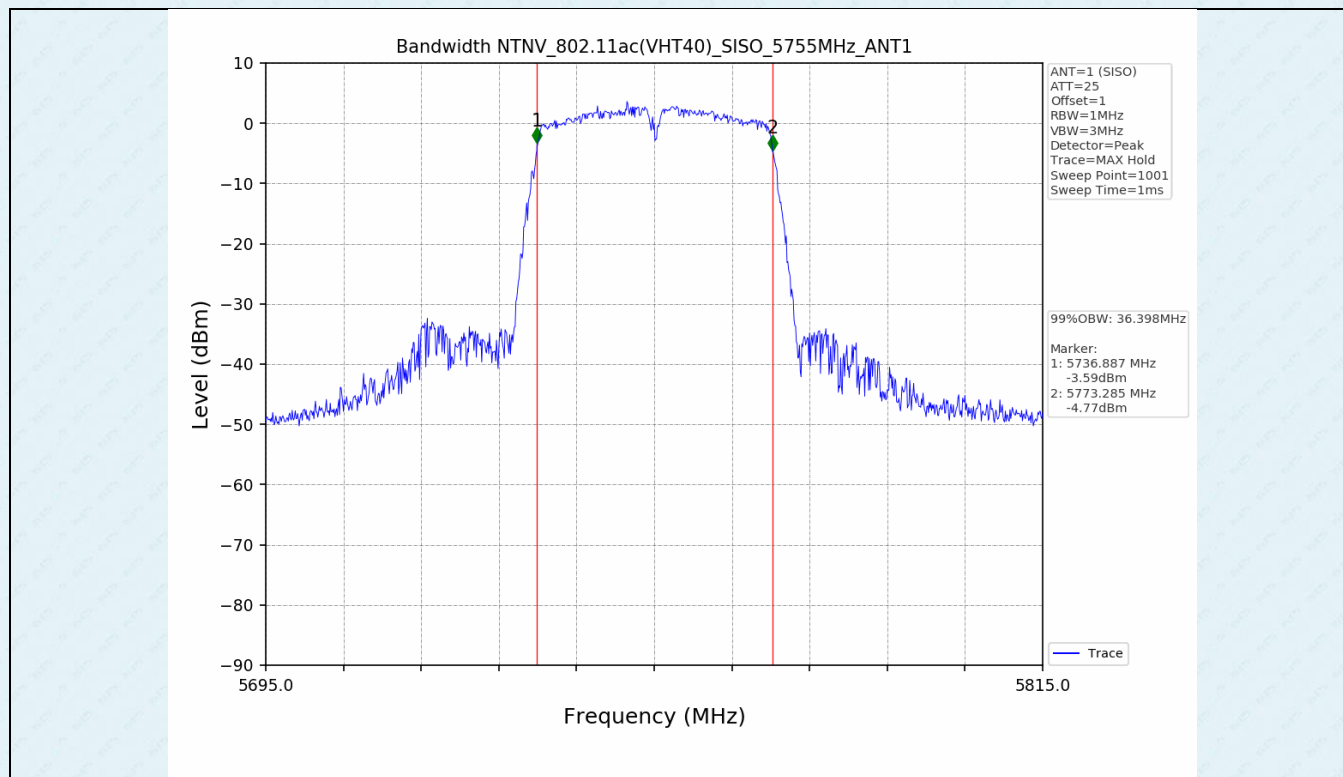
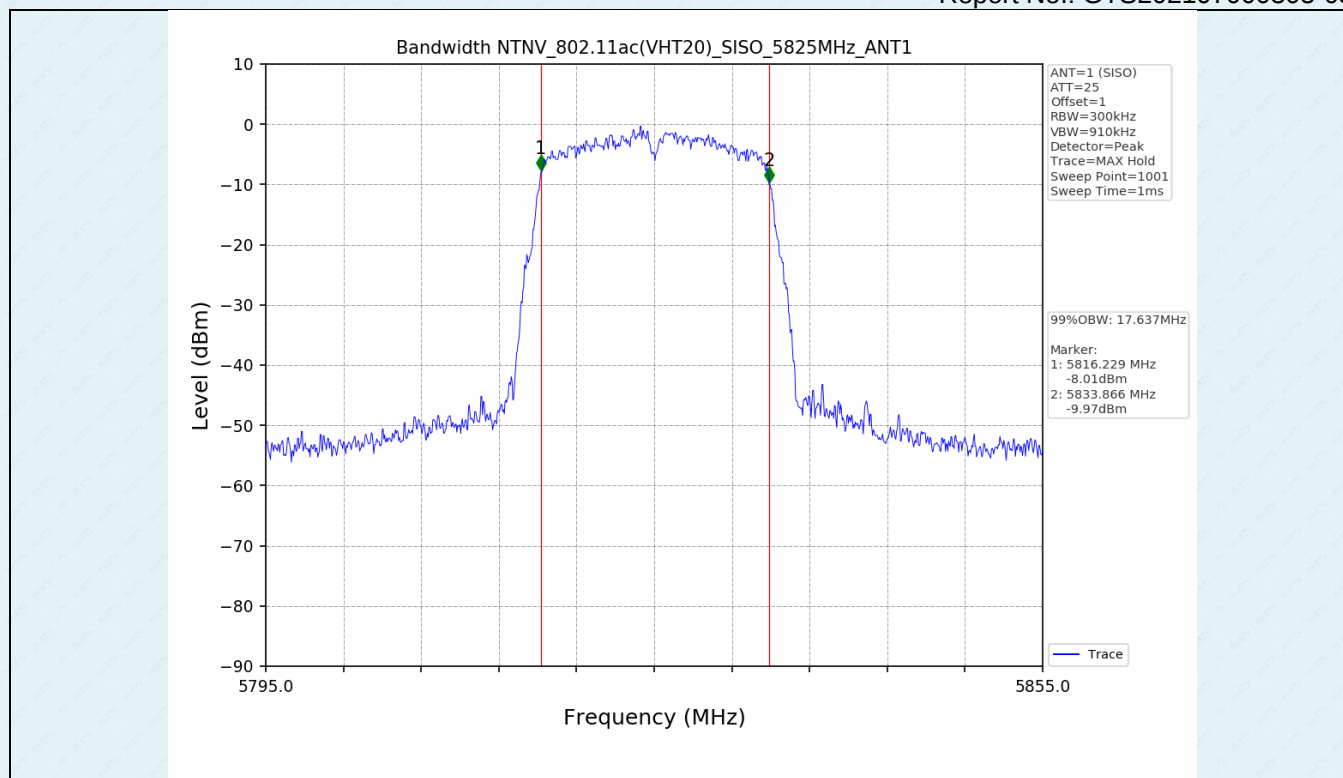


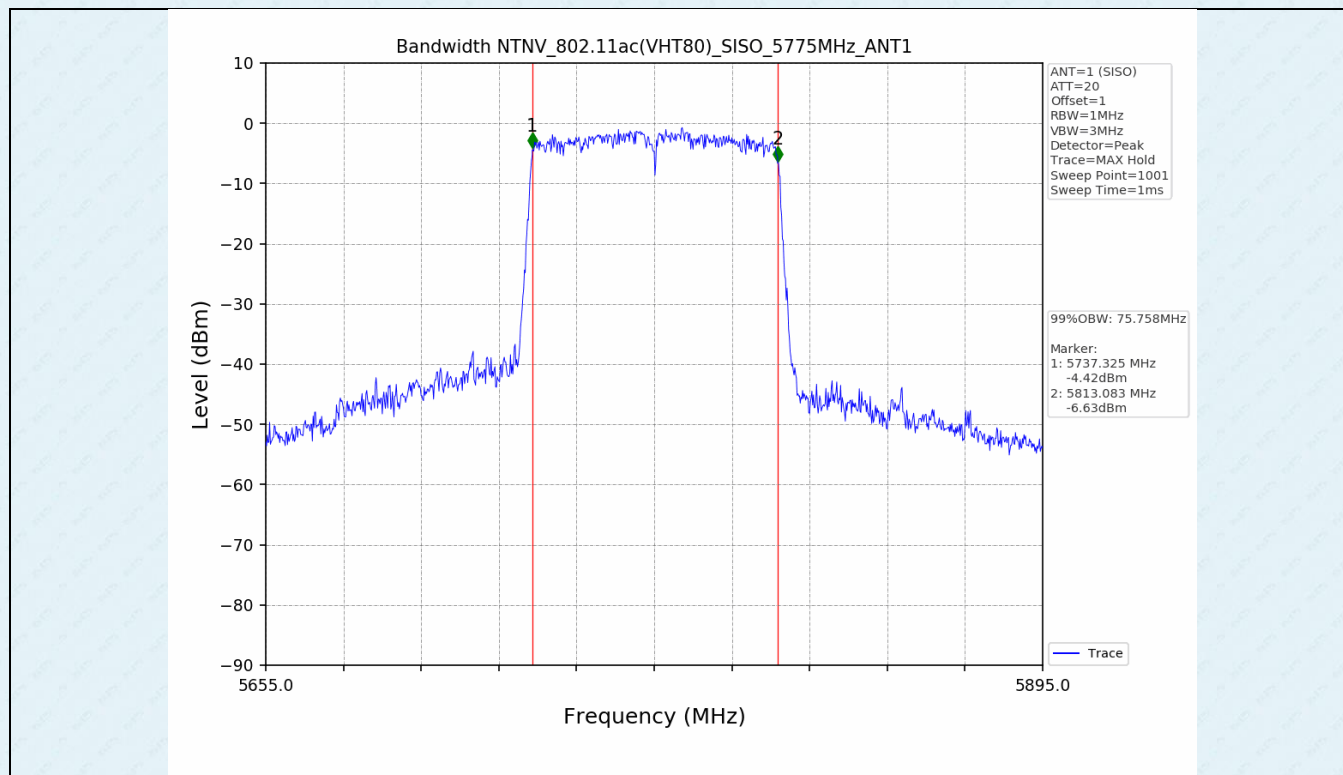
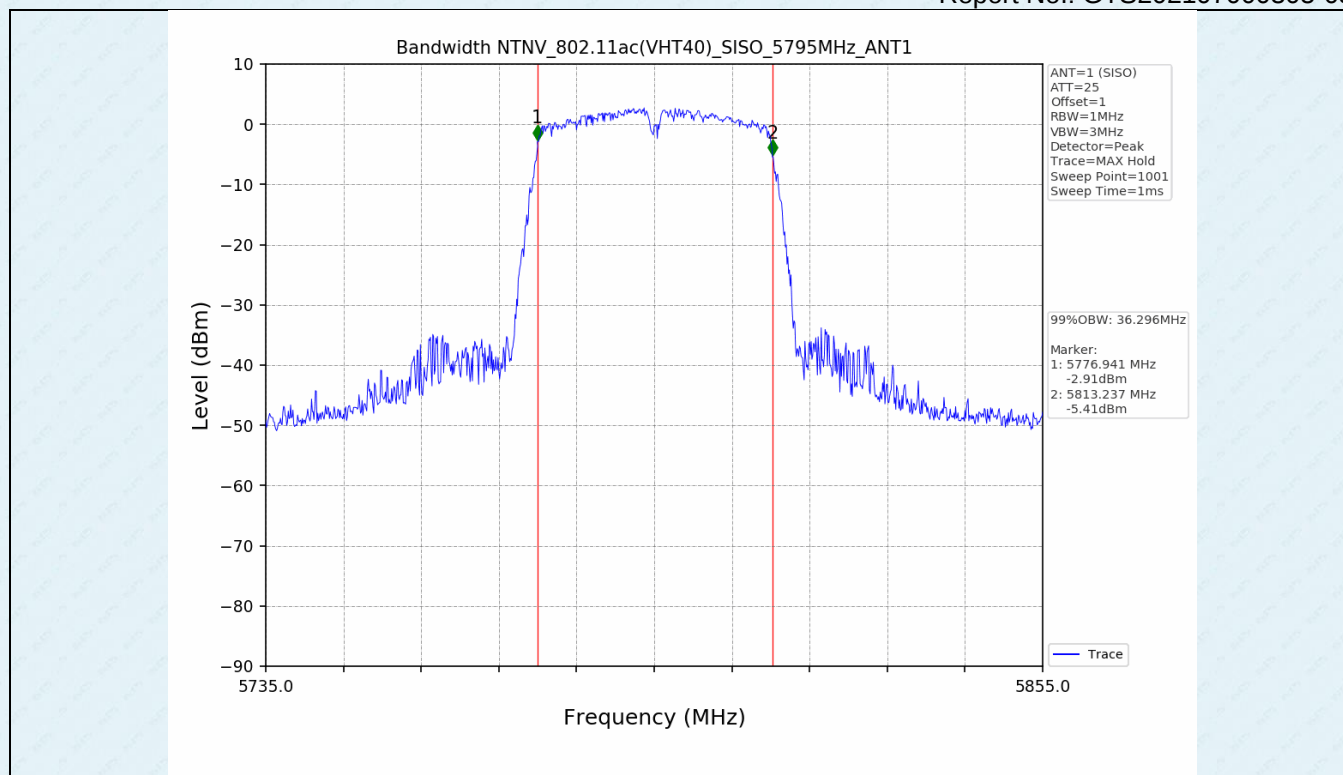












3. Maximum Conducted Output Power

3.1 Test Result

Test Mode	Frequency (MHz)	Ant.	Measured Output Power (dBm)	Limit (dBm)	Verdict
802.11a	5745	1	10.32	≤30.00	PASS
	5745	2	10.35	≤30.00	PASS
	5785	1	10.29	≤30.00	PASS
	5785	2	10.20	≤30.00	PASS
	5825	1	9.54	≤30.00	PASS
	5825	2	12.05	≤30.00	PASS
802.11n(HT20)	5745	1	8.23	≤30.00	PASS
	5745	2	8.35	≤30.00	PASS
	5745	total	11.3	≤30.00	PASS
	5785	1	8.14	≤30.00	PASS
	5785	2	8.21	≤30.00	PASS
	5785	total	11.19	≤30.00	PASS
	5825	1	7.46	≤30.00	PASS
	5825	2	7.48	≤30.00	PASS
802.11n(HT40)	5755	1	8.64	≤30.00	PASS
	5755	2	8.73	≤30.00	PASS
	5755	total	11.7	≤30.00	PASS
	5795	1	8.47	≤30.00	PASS
	5795	2	8.57	≤30.00	PASS
	5795	total	11.53	≤30.00	PASS
802.11ac(VHT20)	5745	1	8.44	≤30.00	PASS
	5745	2	8.63	≤30.00	PASS
	5745	total	11.55	≤30.00	PASS
	5785	1	8.18	≤30.00	PASS
	5785	2	8.24	≤30.00	PASS
	5785	total	11.22	≤30.00	PASS
	5825	1	7.55	≤30.00	PASS
	5825	2	7.42	≤30.00	PASS
	5825	total	10.5	≤30.00	PASS
802.11ac(VHT40)	5755	1	9.02	≤30.00	PASS
	5755	2	8.44	≤30.00	PASS
	5755	total	11.75	≤30.00	PASS
	5795	1	8.79	≤30.00	PASS
	5795	2	8.32	≤30.00	PASS
	5795	total	11.57	≤30.00	PASS
802.11ac(VHT80)	5775	1	8.74	≤30.00	PASS
	5775	2	8.83	≤30.00	PASS
	5775	total	11.8	≤30.00	PASS

Test Mode	Frequency (MHz)	Ant.	EIRP (dBm)	Limit (dBm)	Verdict
802.11a	5745	1	13.22	≤36.00	PASS
	5745	2	13.25	≤36.00	PASS
	5785	1	13.19	≤36.00	PASS
	5785	2	13.1	≤36.00	PASS
	5825	1	12.44	≤36.00	PASS
	5825	2	14.95	≤36.00	PASS
802.11n(HT20)	5745	1	11.13	≤36.00	PASS
	5745	2	11.25	≤36.00	PASS
	5745	total	14.2	≤36.00	PASS
	5785	1	11.04	≤36.00	PASS
	5785	2	11.11	≤36.00	PASS
	5785	total	14.09	≤36.00	PASS
	5825	1	10.36	≤36.00	PASS
	5825	2	10.38	≤36.00	PASS
802.11n(HT40)	5755	1	11.54	≤36.00	PASS
	5755	2	11.63	≤36.00	PASS
	5755	total	14.59	≤36.00	PASS
	5795	1	11.37	≤36.00	PASS
	5795	2	11.47	≤36.00	PASS
	5795	total	14.43	≤36.00	PASS
802.11ac(VHT20)	5745	1	11.34	≤36.00	PASS
	5745	2	11.53	≤36.00	PASS
	5745	total	14.45	≤36.00	PASS
	5785	1	11.08	≤36.00	PASS
	5785	2	11.14	≤36.00	PASS
	5785	total	14.12	≤36.00	PASS
	5825	1	10.45	≤36.00	PASS
	5825	2	10.32	≤36.00	PASS
802.11ac(VHT40)	5755	1	11.92	≤36.00	PASS
	5755	2	11.34	≤36.00	PASS
	5755	total	14.65	≤36.00	PASS
	5795	1	11.69	≤36.00	PASS
	5795	2	11.22	≤36.00	PASS
	5795	total	14.72	≤36.00	PASS
802.11ac(VHT80)	5775	1	11.64	≤36.00	PASS
	5775	2	11.73	≤36.00	PASS
	5775	total	14.7	≤36.00	PASS

Note: transmit signals are completely *correlated*,

Directional gain= $10 \times \log[(10^{2.9/20} + 10^{2.9/20})^2/2] = 5.91\text{dBi}$

4. Maximum Power Spectral Density (PSD)

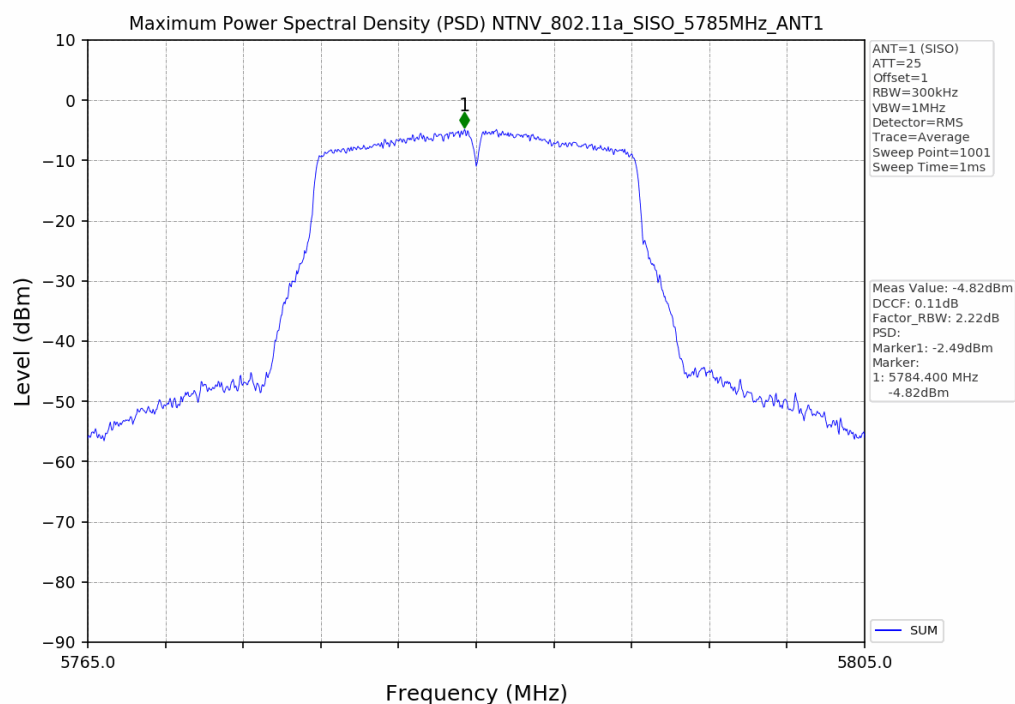
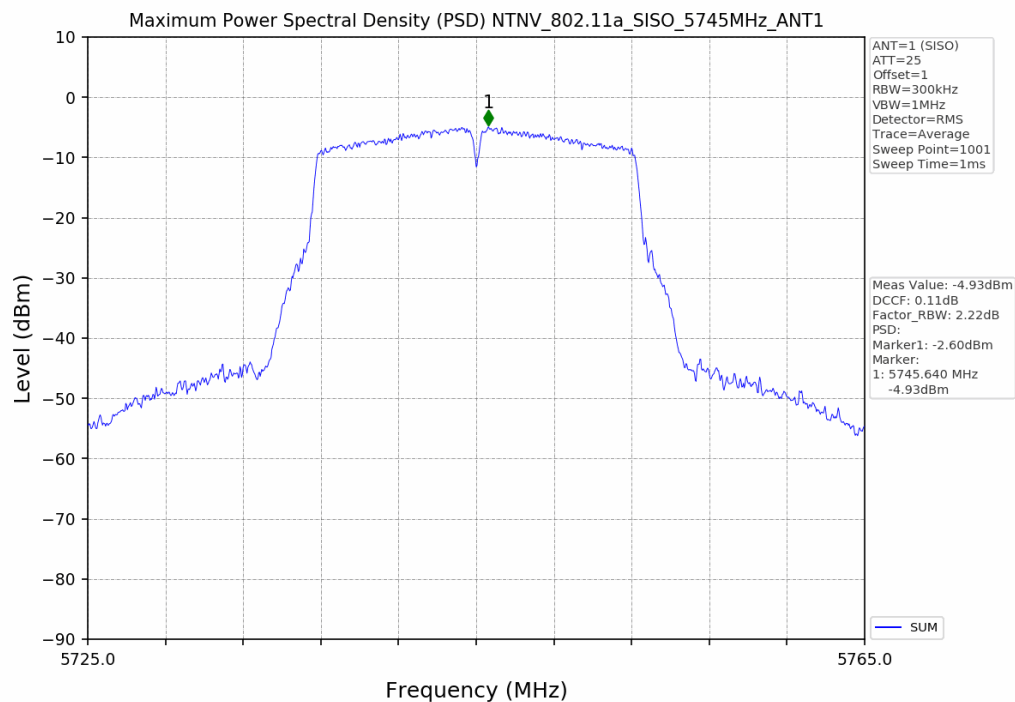
4.1 Test Result

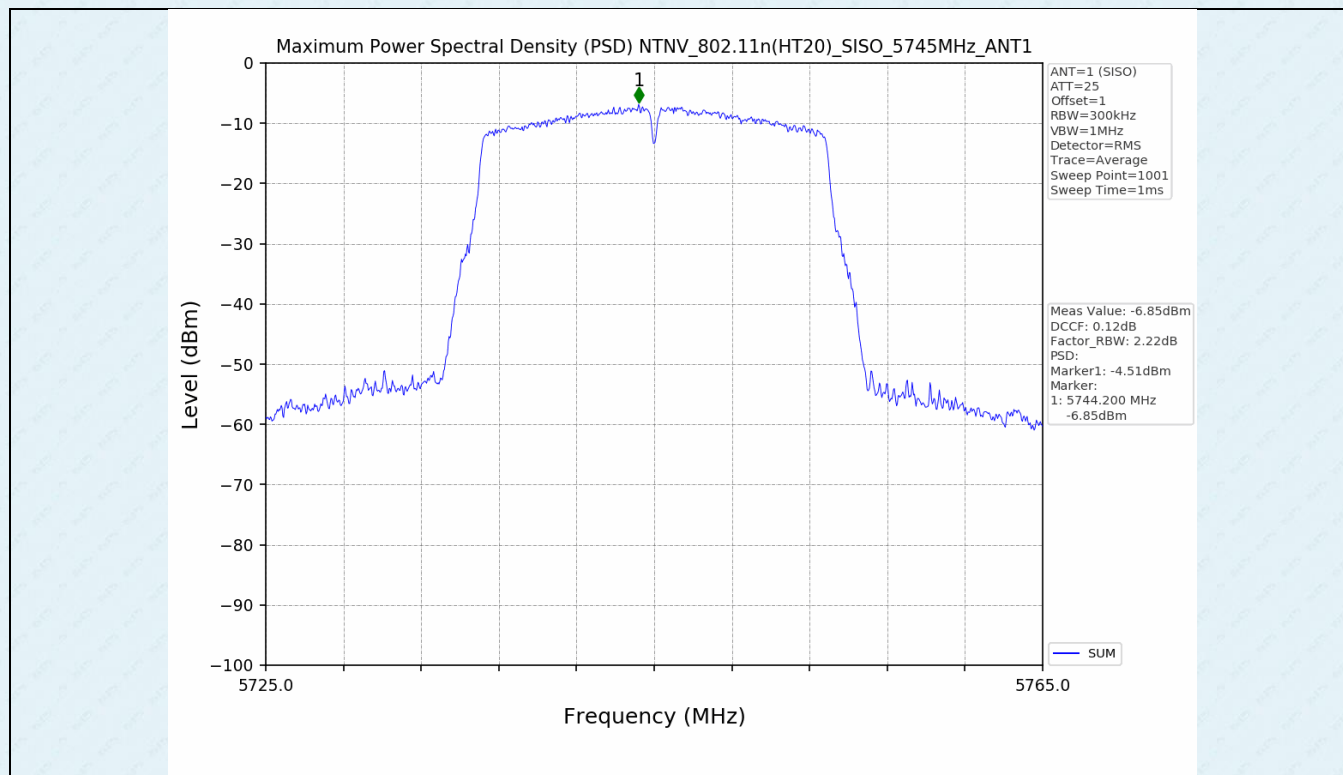
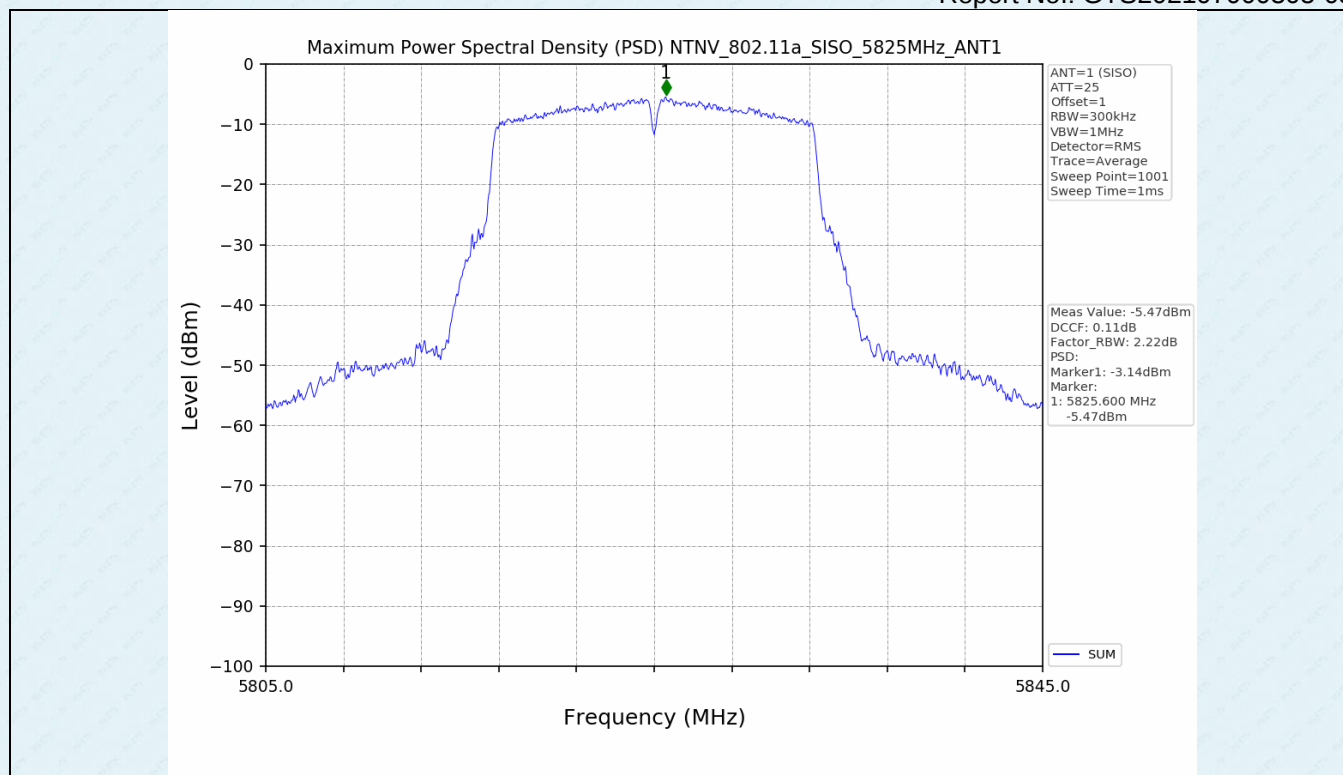
Test Mode	Frequency (MHz)	Ant.	Maximum Power Spectral Density (dBm/500kHz)	Limits (dBm/500kHz)	Verdict
802.11a	5745	1	-2.71	≤30.00	PASS
	5745	2	-2.52	≤30.00	PASS
	5785	1	-2.6	≤30.00	PASS
	5785	2	-2.79	≤30.00	PASS
	5825	1	-3.25	≤30.00	PASS
	5825	2	-0.78	≤30.00	PASS
802.11n(HT20)	5745	1	-4.63	≤30.00	PASS
	5745	2	-4.78	≤30.00	PASS
	5745	total	-1.69	≤30.00	PASS
	5785	1	-4.96	≤30.00	PASS
	5785	2	-4.56	≤30.00	PASS
	5785	total	-1.75	≤30.00	PASS
	5825	1	-5.59	≤30.00	PASS
	5825	2	-5.42	≤30.00	PASS
802.11n(HT40)	5755	1	-7.87	≤30.00	PASS
	5755	2	-7.89	≤30.00	PASS
	5755	total	-4.87	≤30.00	PASS
	5795	1	-8	≤30.00	PASS
	5795	2	-7.8	≤30.00	PASS
	5795	total	-4.89	≤30.00	PASS
802.11ac(VHT20)	5745	1	-4.63	≤30.00	PASS
	5745	2	-6.35	≤30.00	PASS
	5745	total	-2.4	≤30.00	PASS
	5785	1	-4.72	≤30.00	PASS
	5785	2	-4.79	≤30.00	PASS
	5785	total	-1.74	≤30.00	PASS
	5825	1	-5.4	≤30.00	PASS
	5825	2	-5.79	≤30.00	PASS
802.11ac(VHT40)	5755	1	-8.27	≤30.00	PASS
	5755	2	-7.94	≤30.00	PASS
	5755	total	-2.095	≤30.00	PASS
	5795	1	-8.6	≤30.00	PASS
	5795	2	-8.05	≤30.00	PASS
	5795	total	-5.31	≤30.00	PASS
802.11ac(VHT80)	5775	1	-16.46	≤30.00	PASS
	5775	2	-16.42	≤30.00	PASS
	5775	total	-13.43	≤30.00	PASS

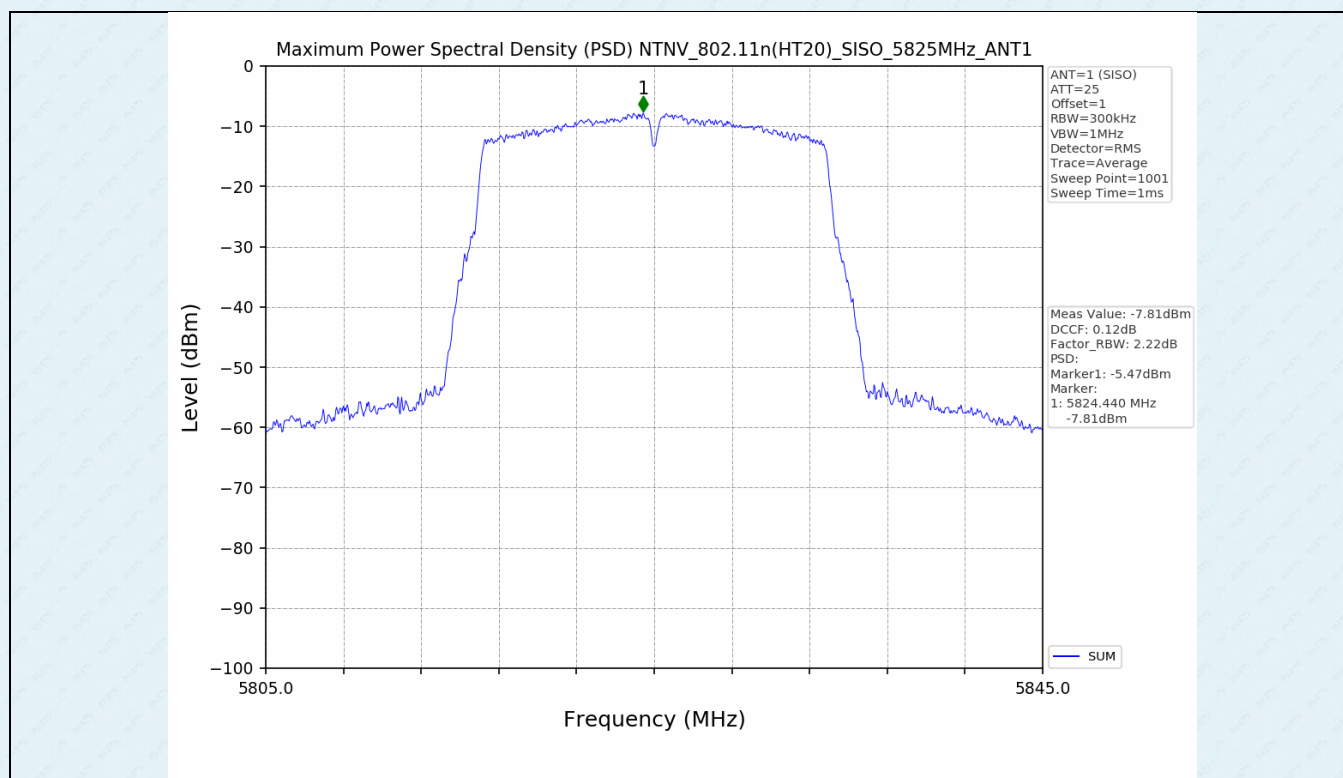
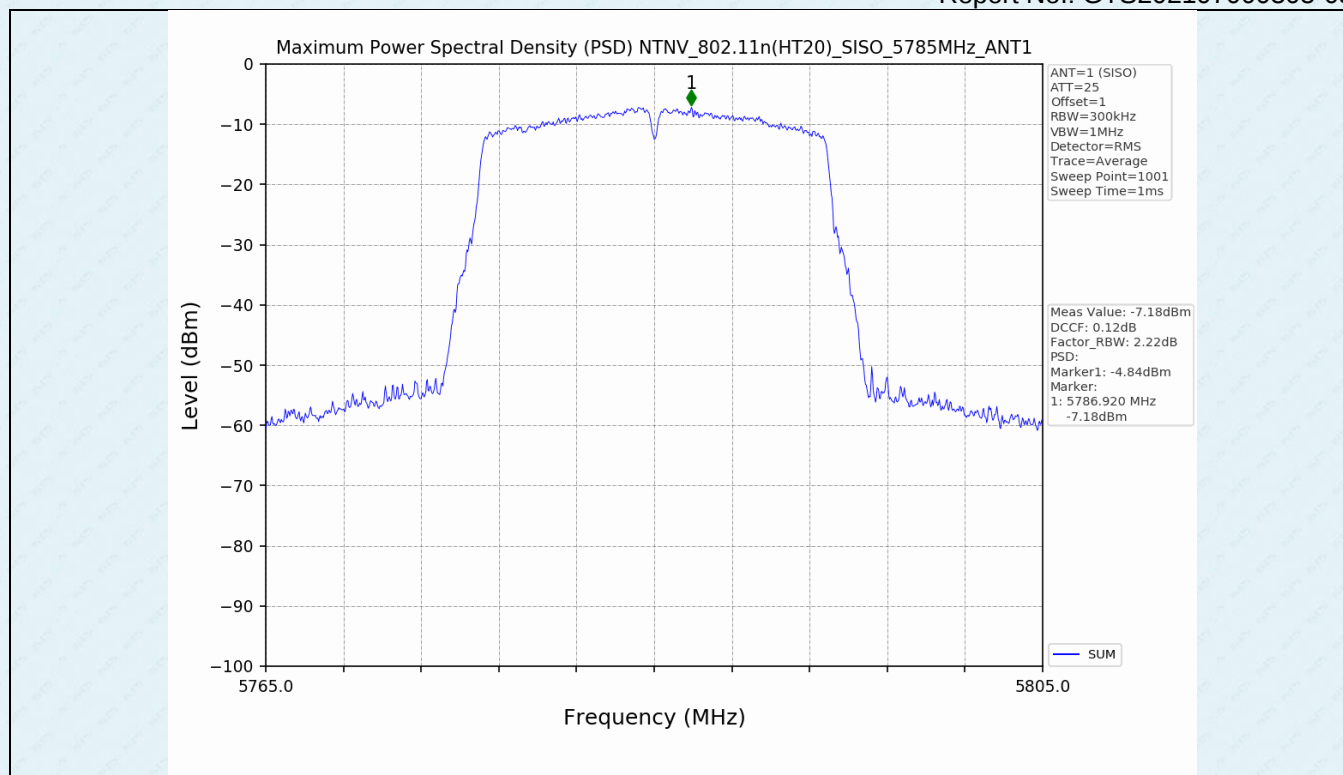
Note: Test result include RBW factor correction

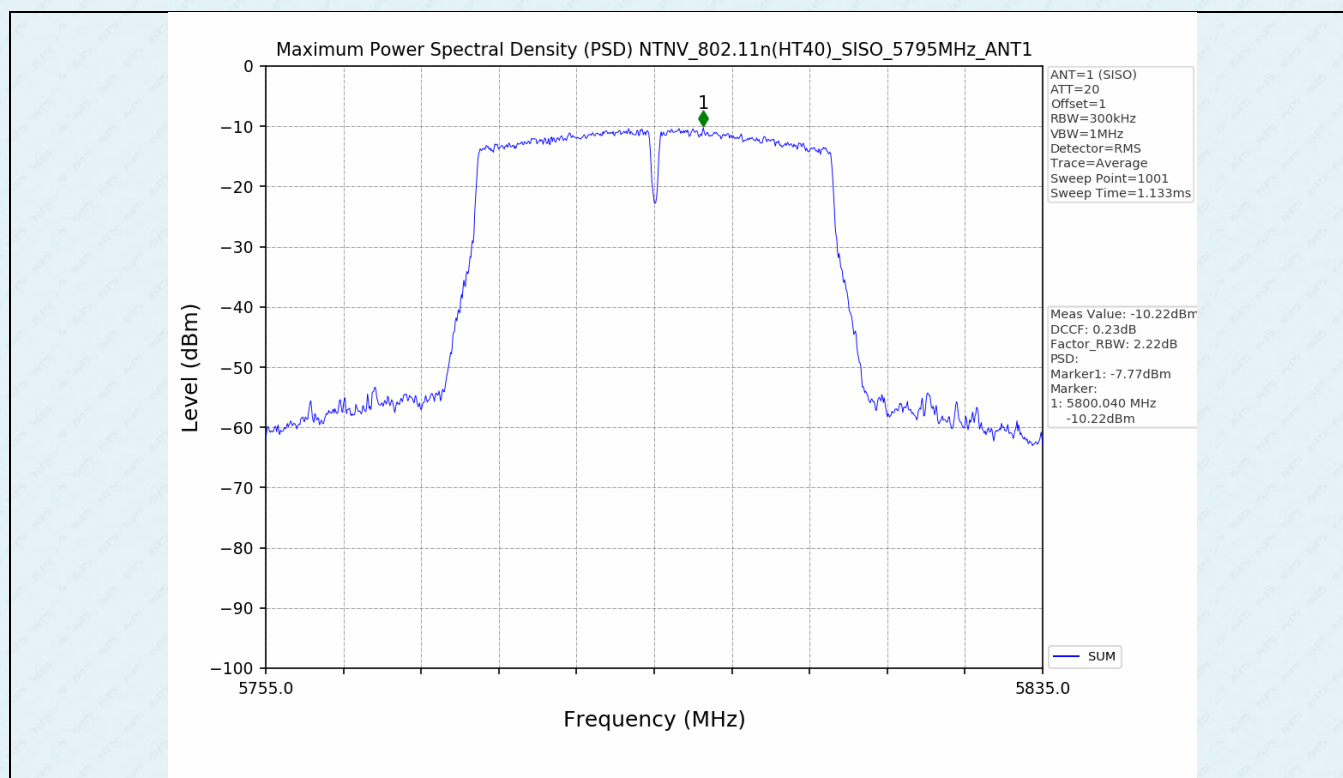
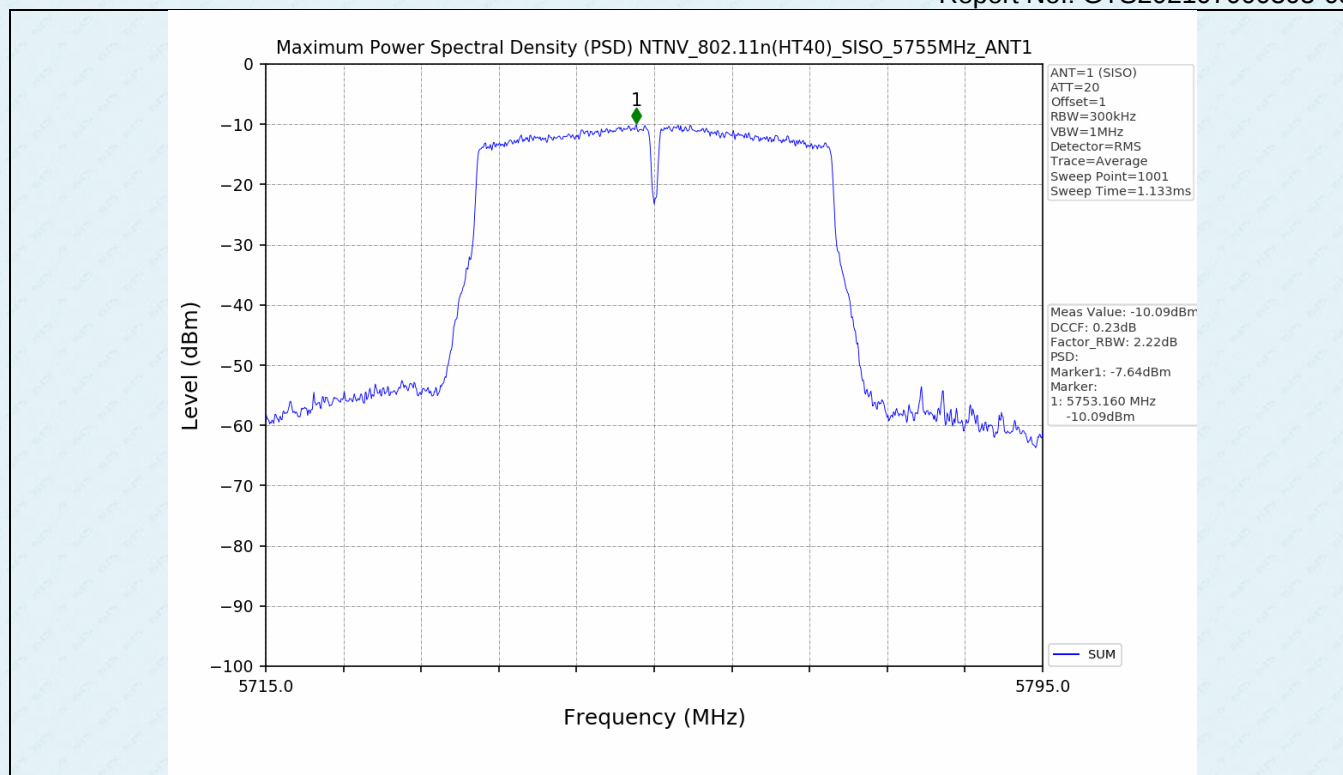
4.2 Test Graph

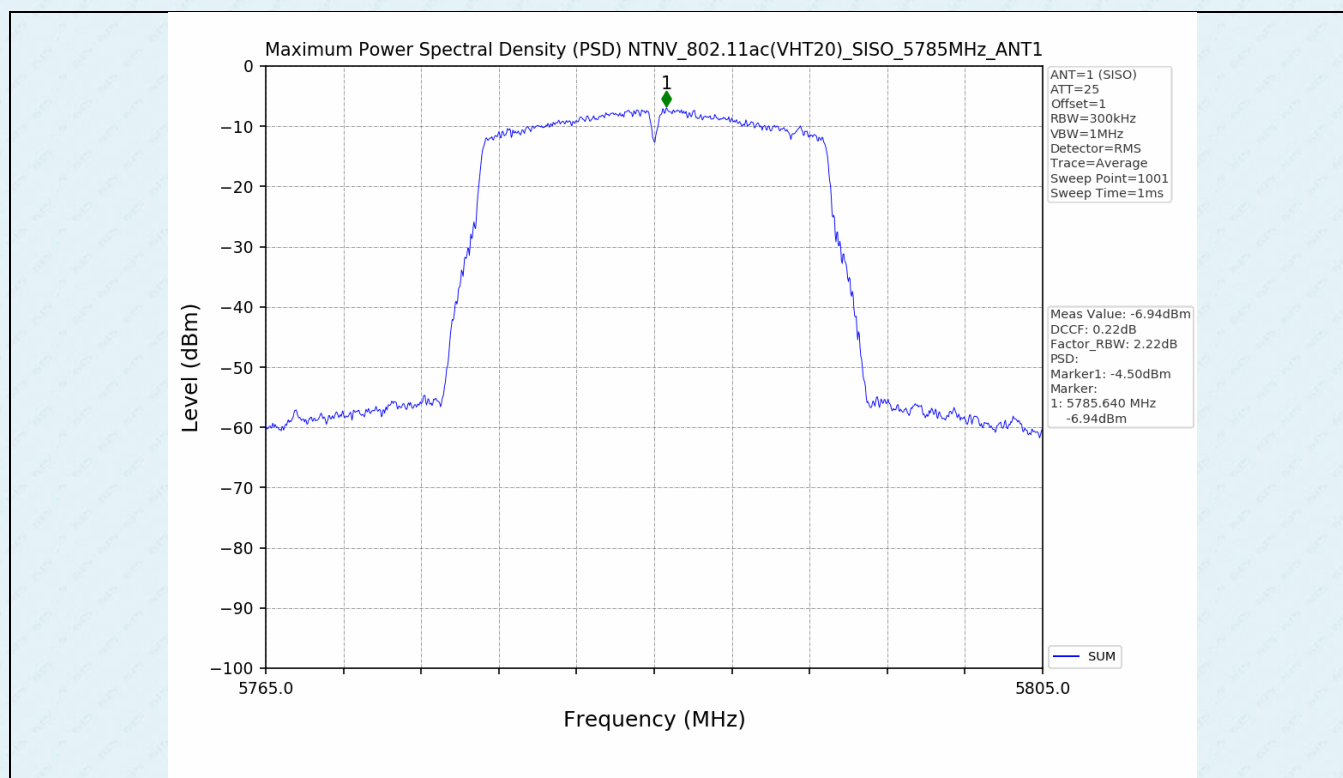
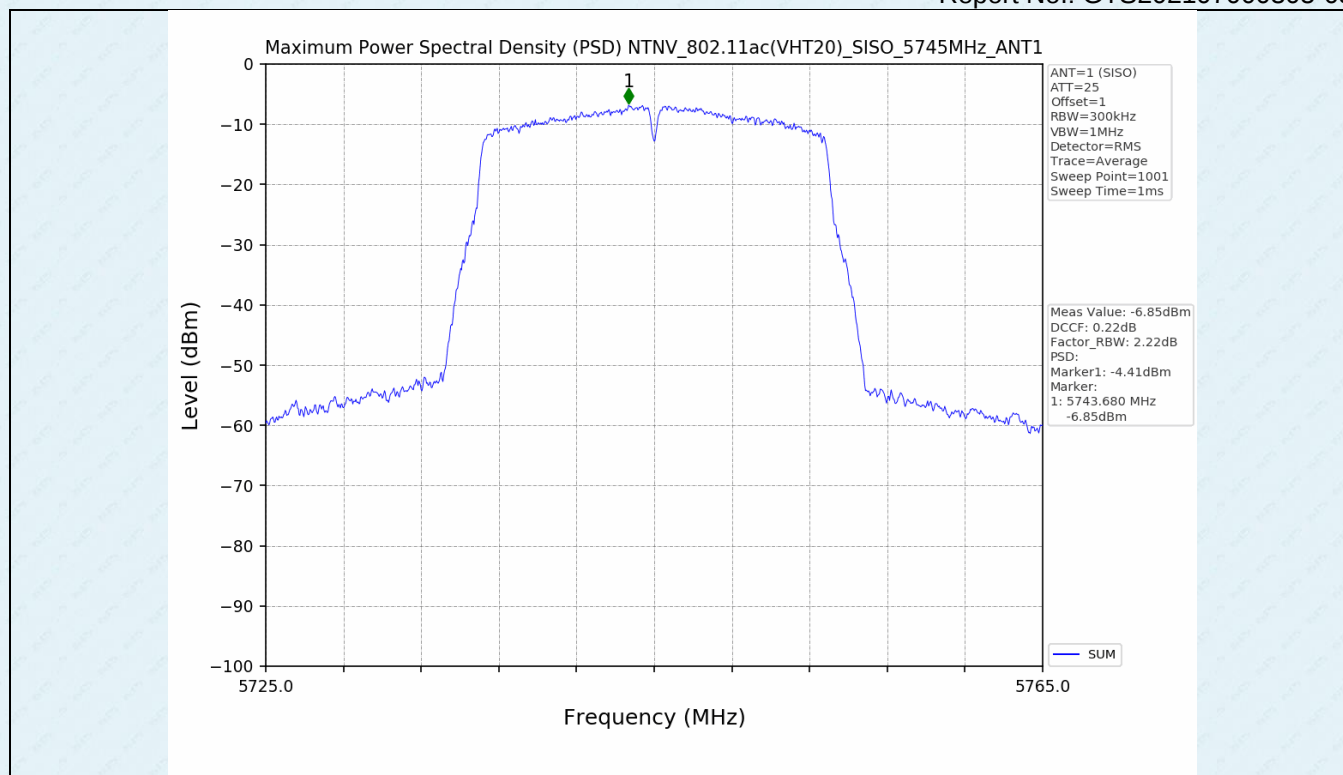
ANT 1:

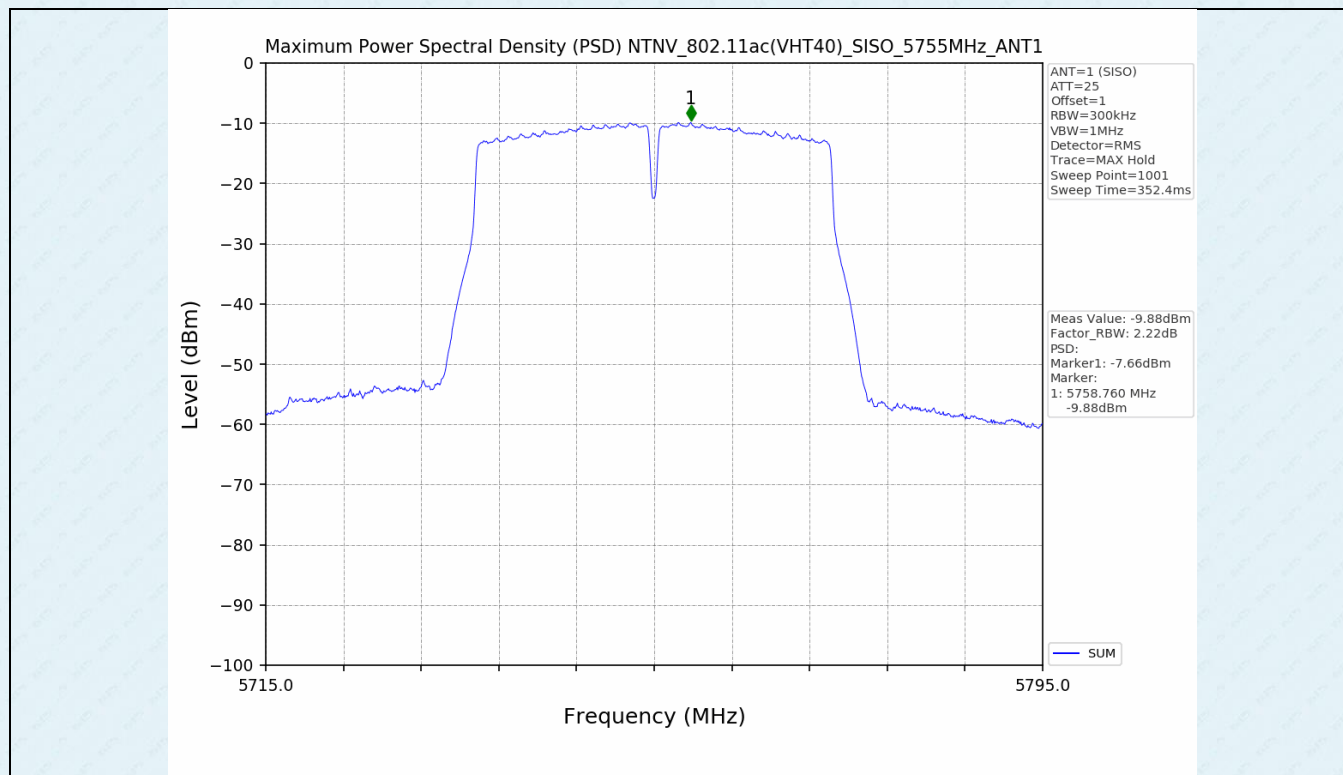
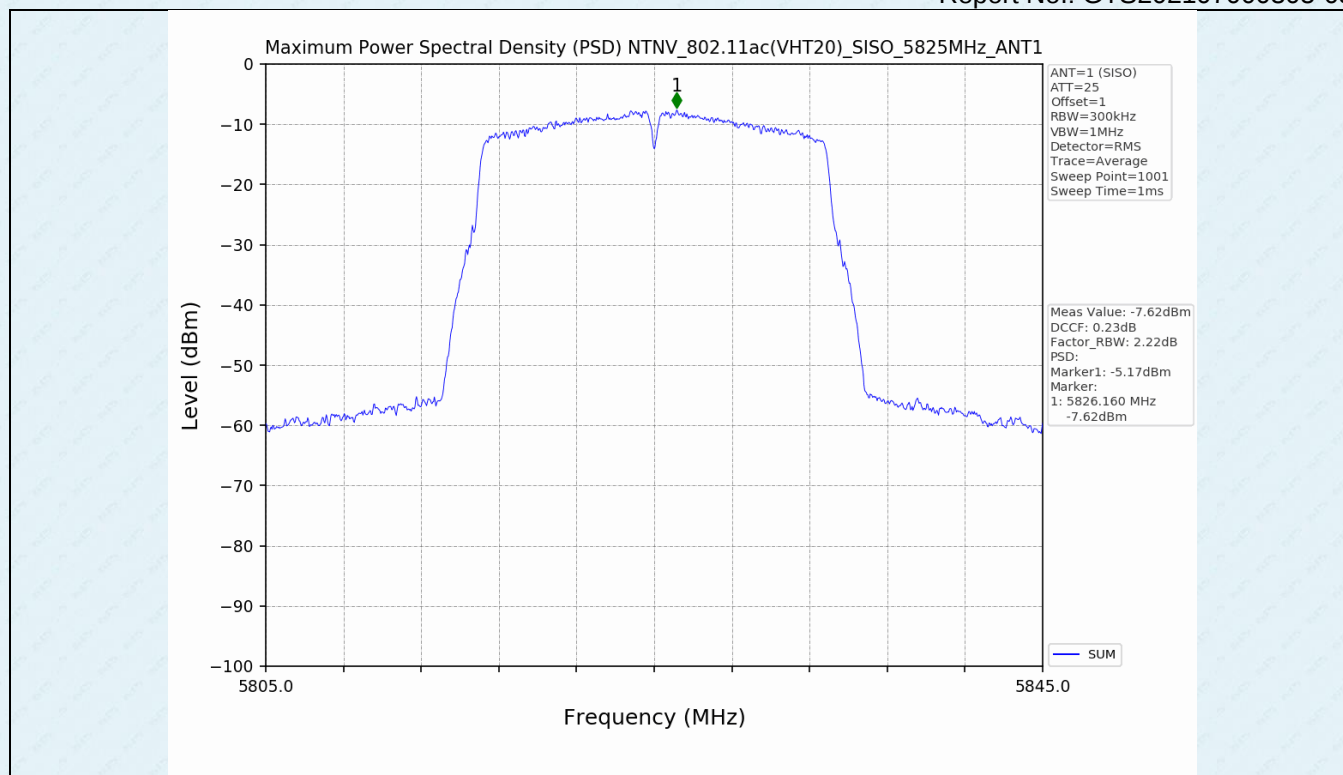


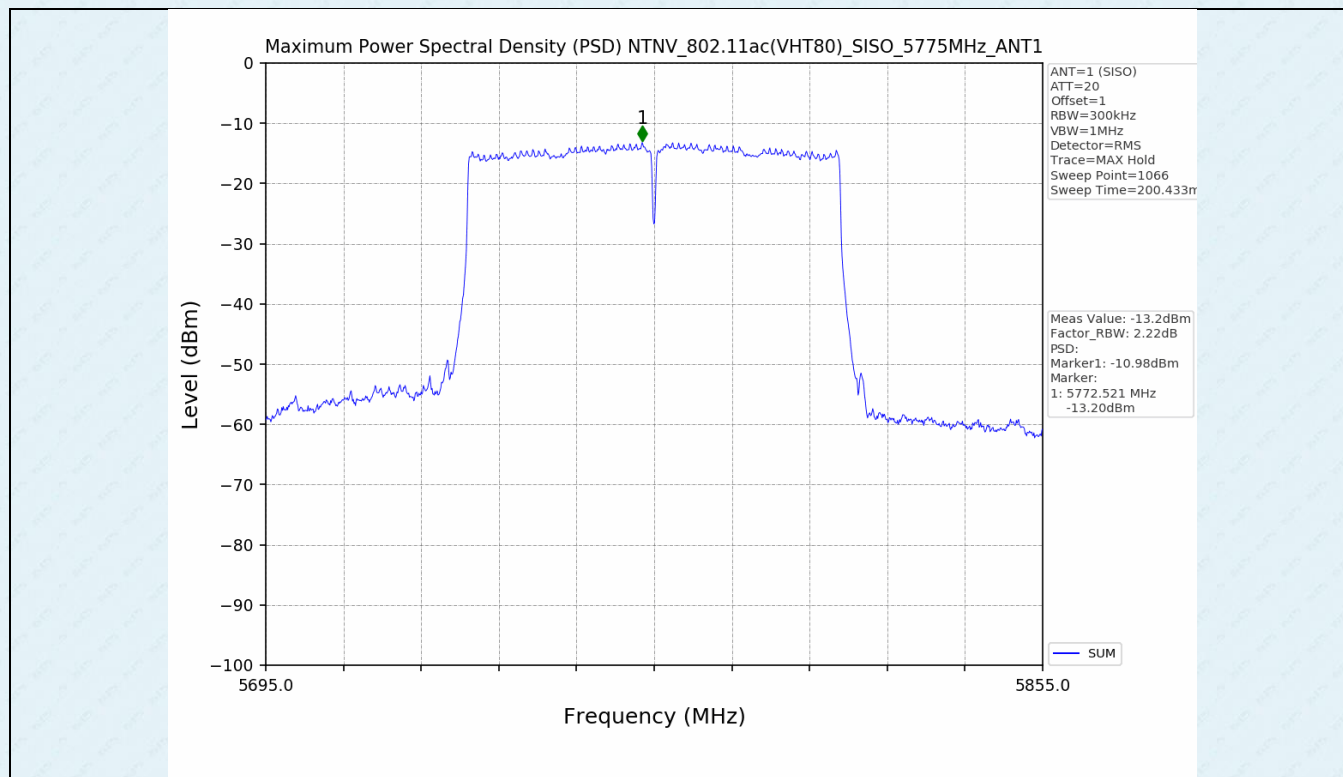
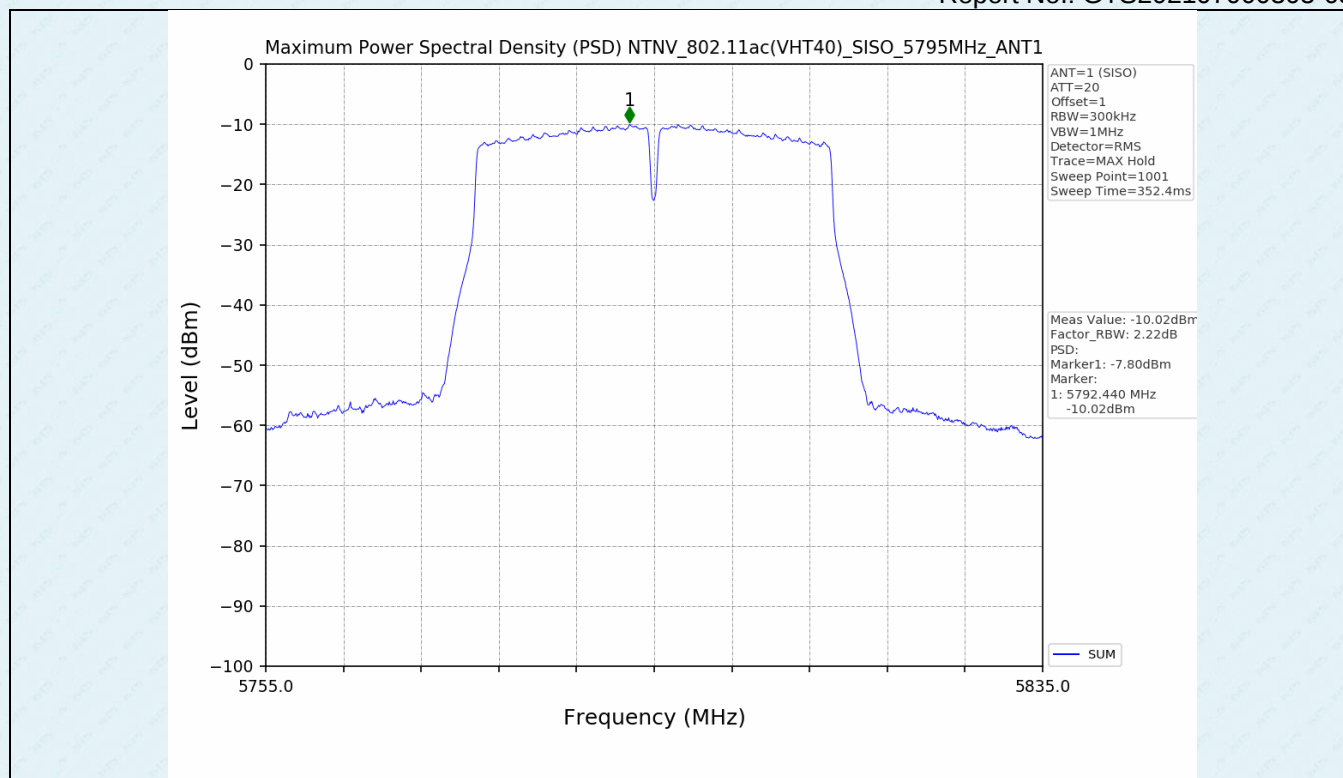




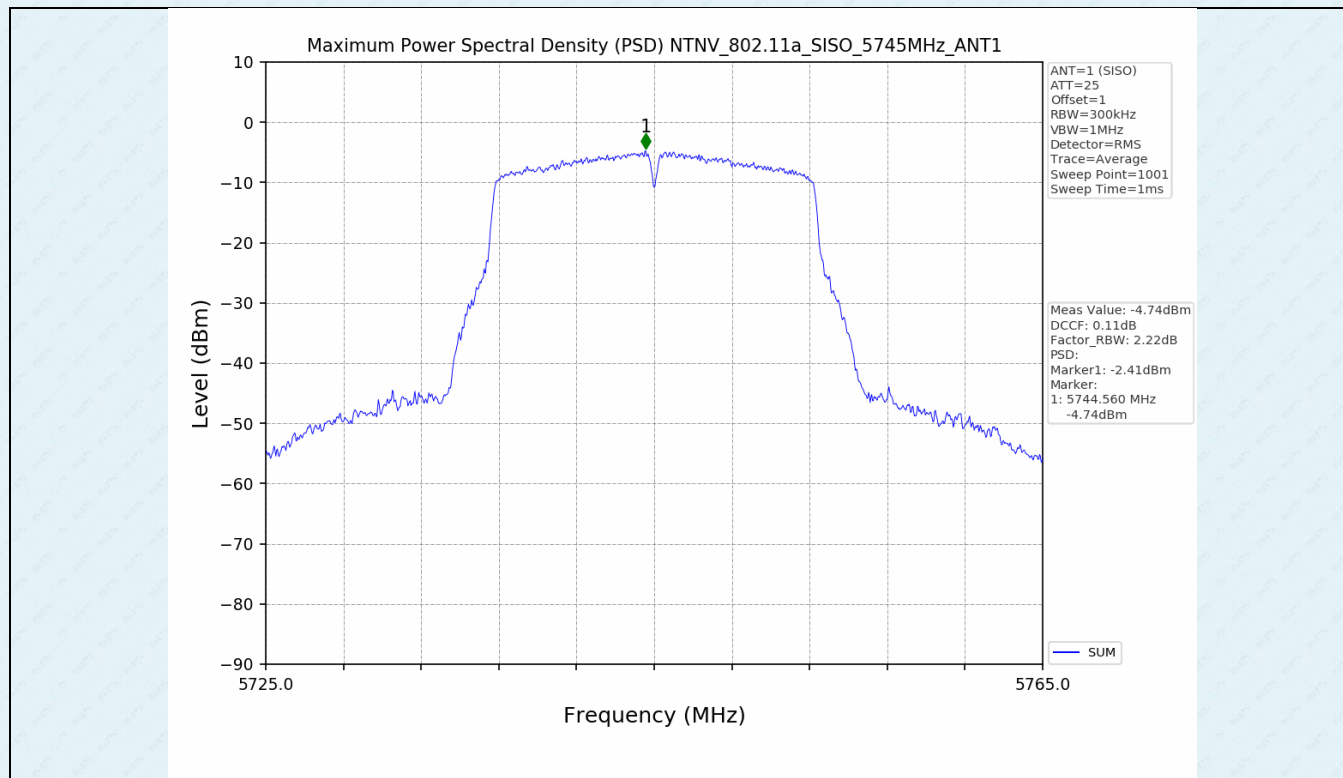


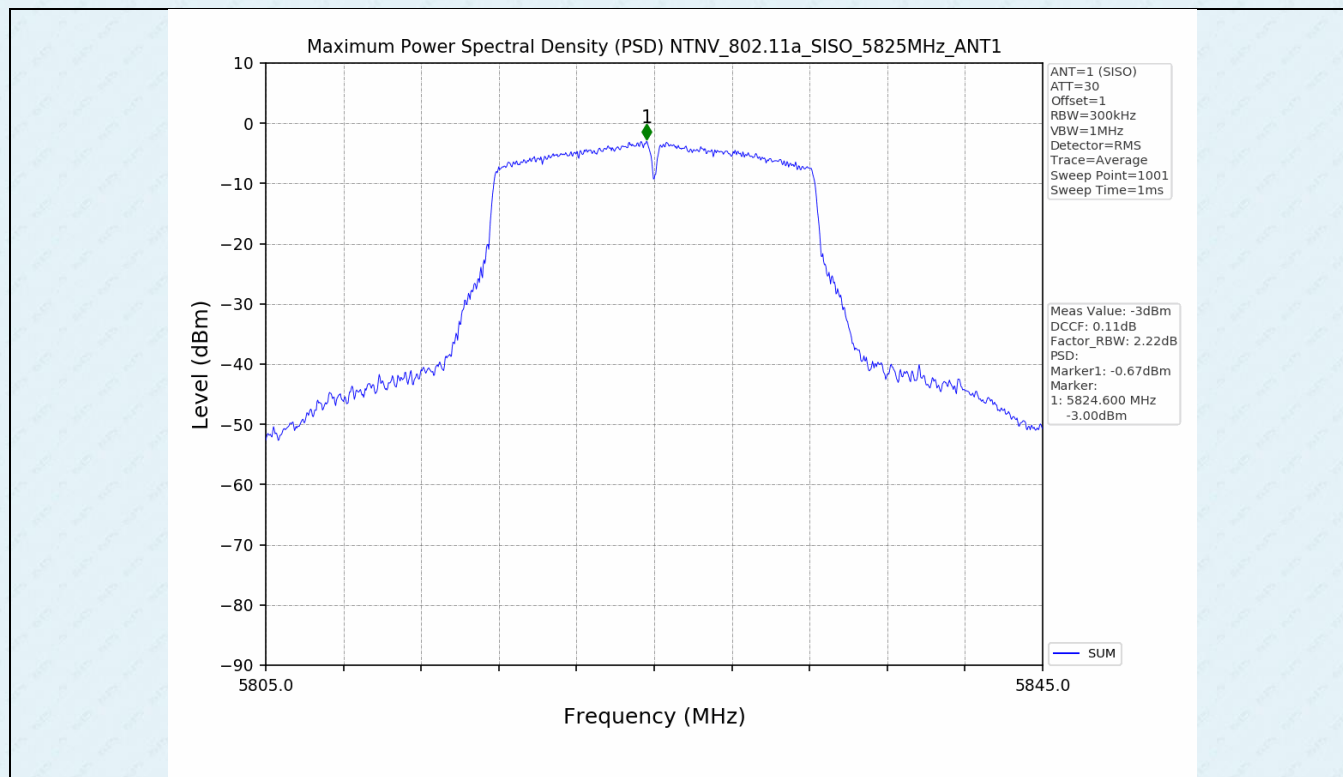
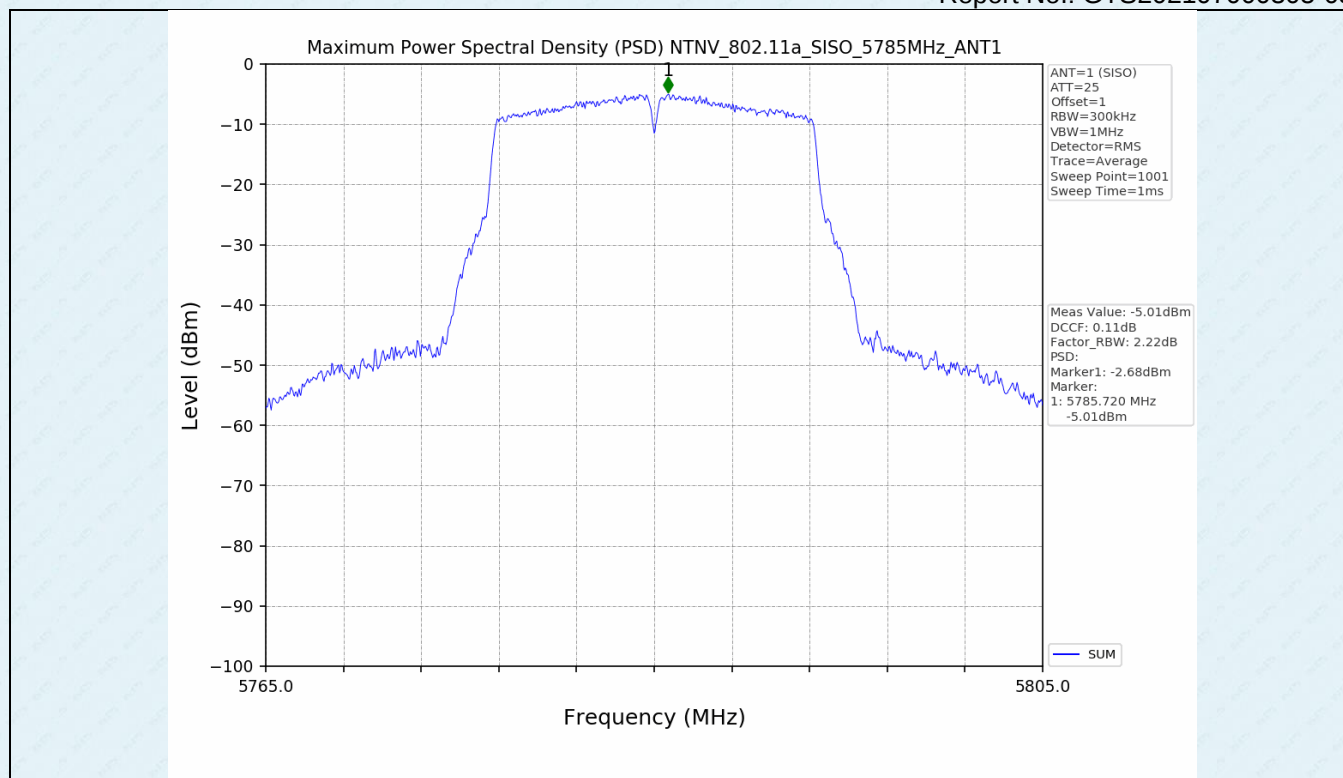


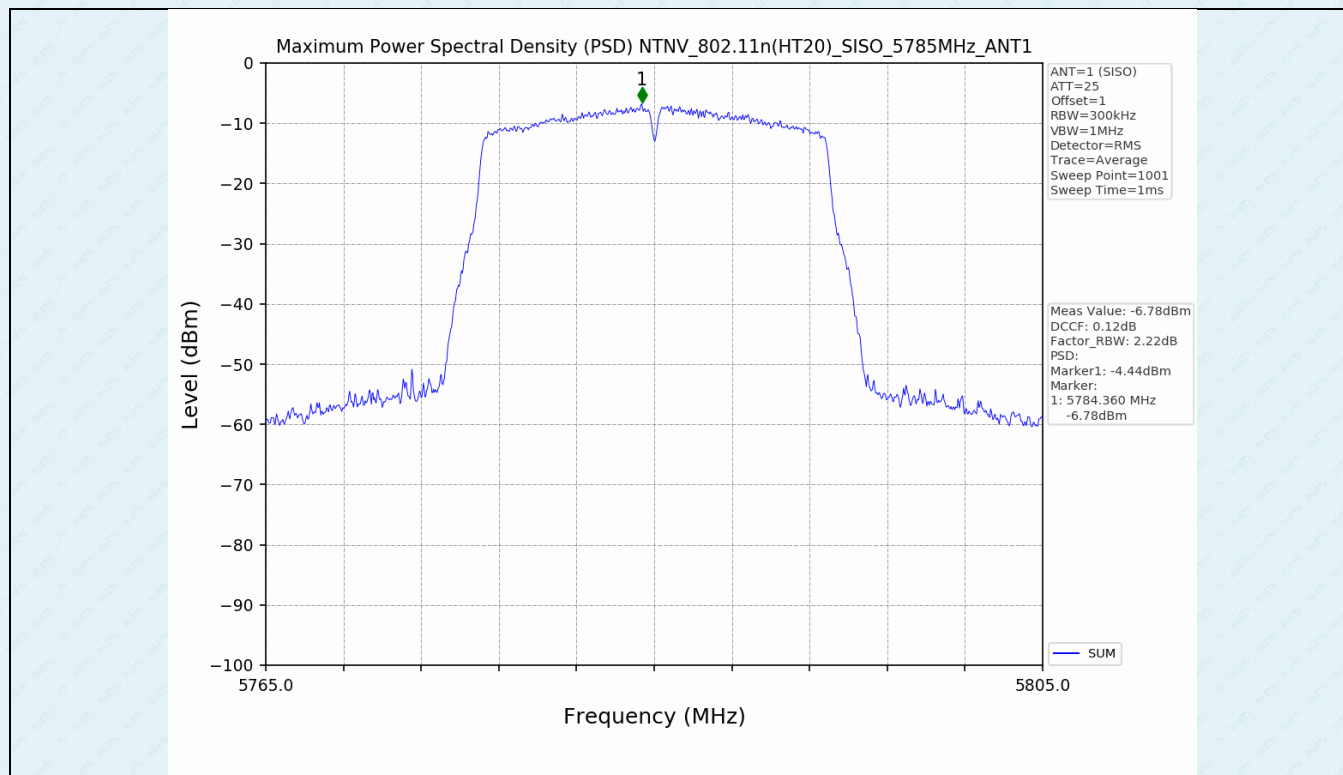
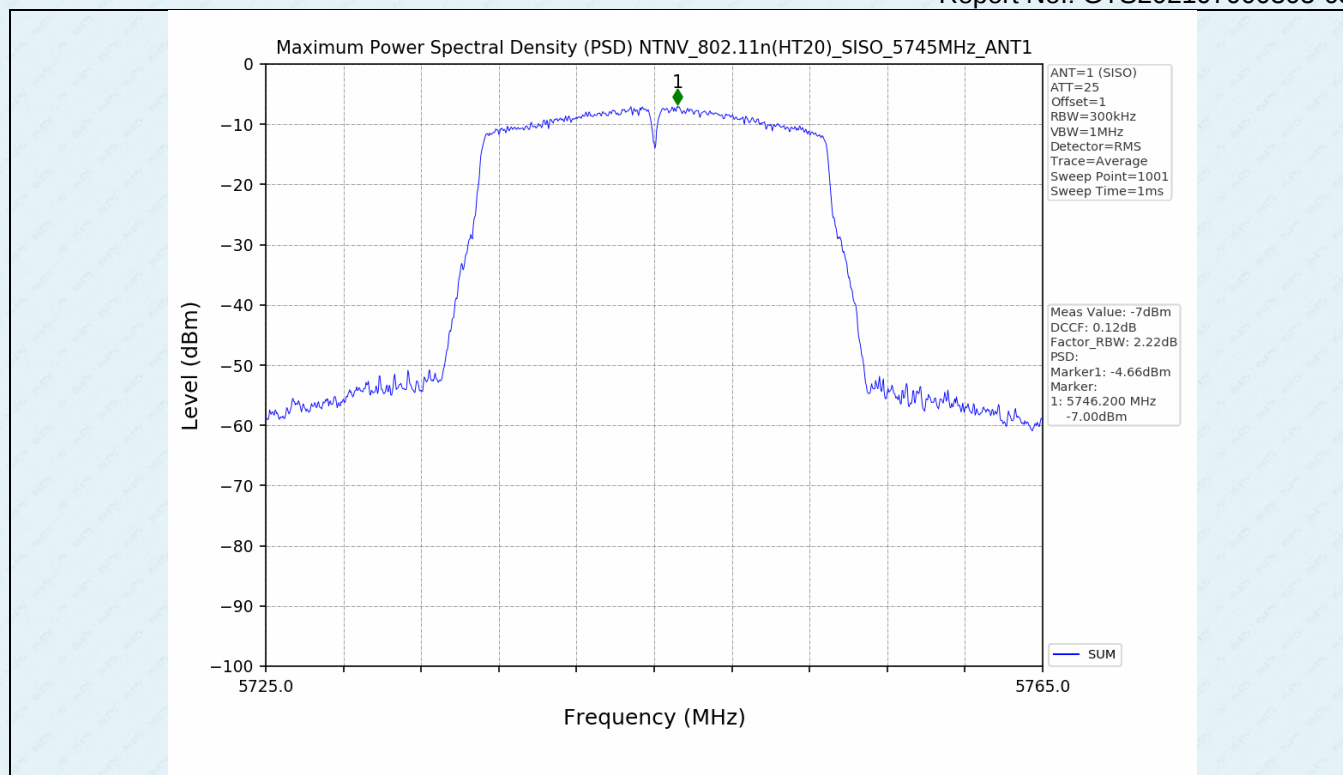


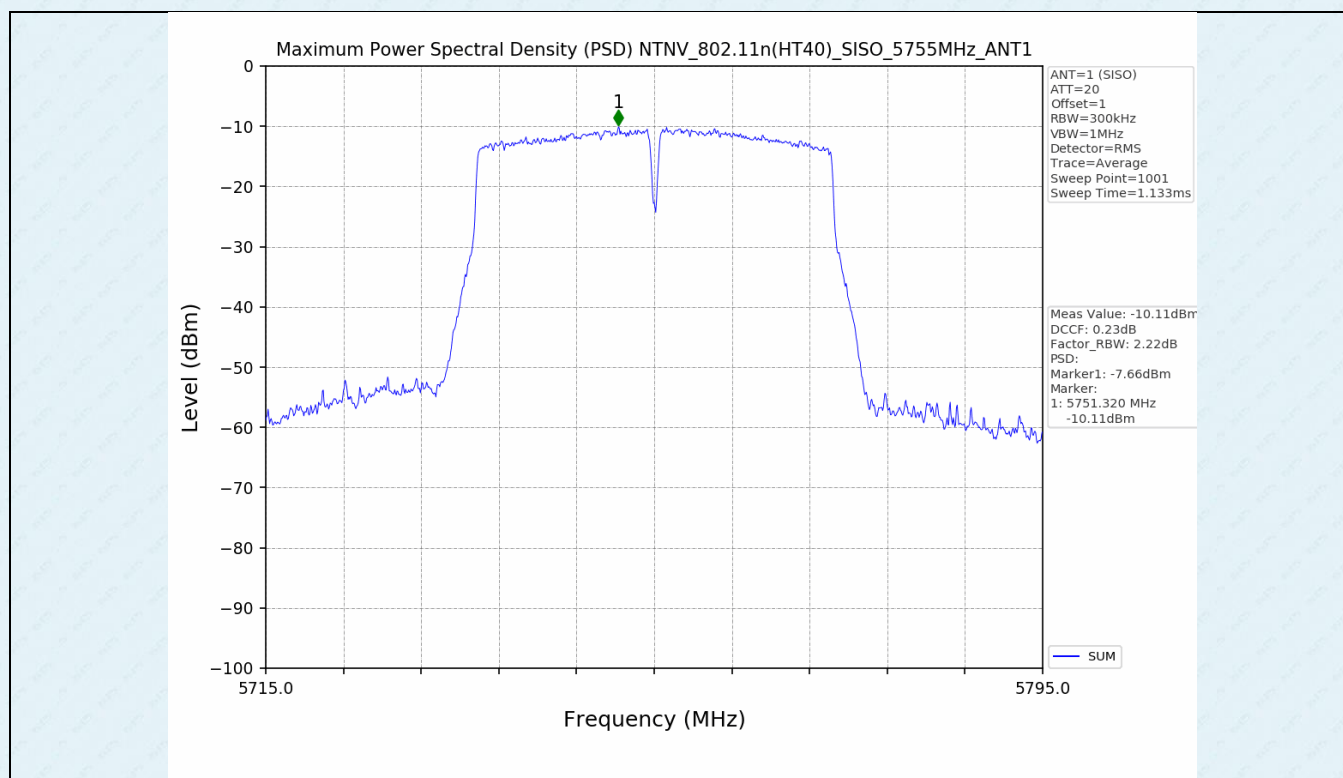
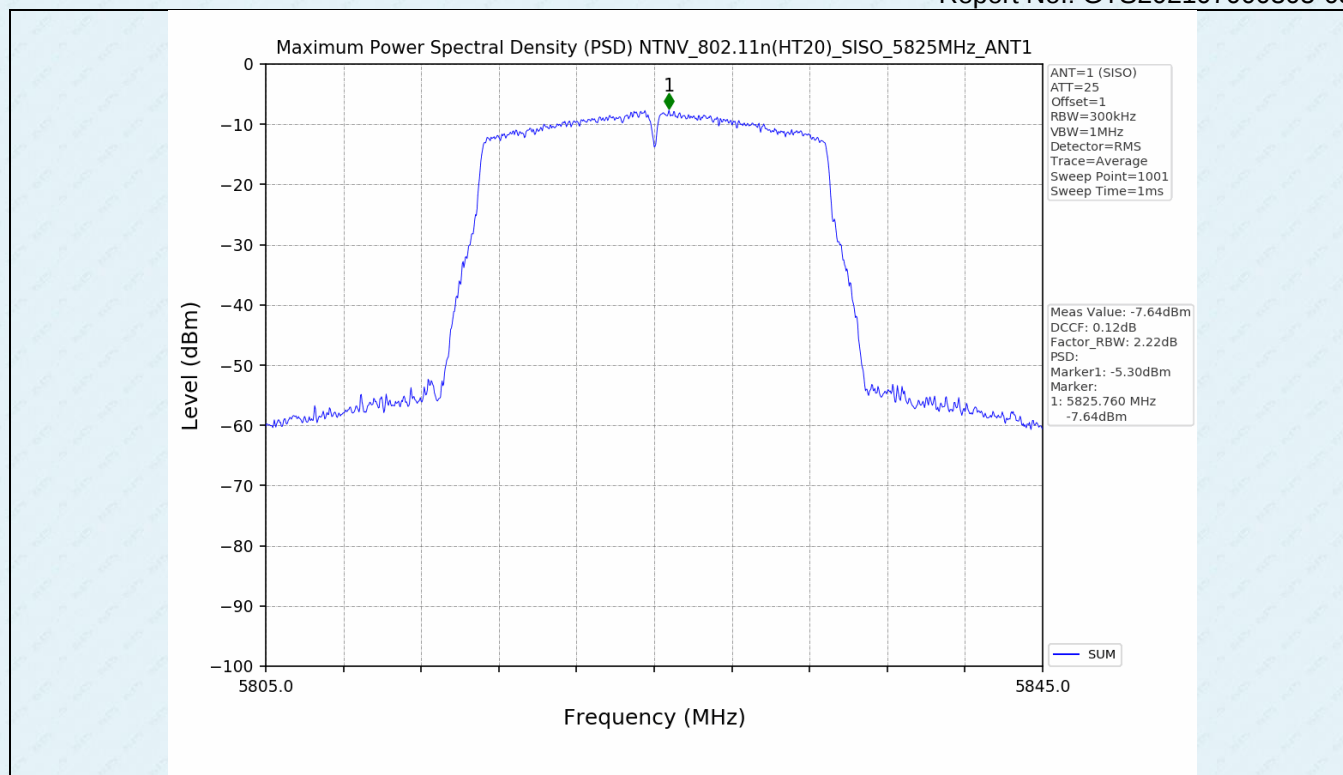


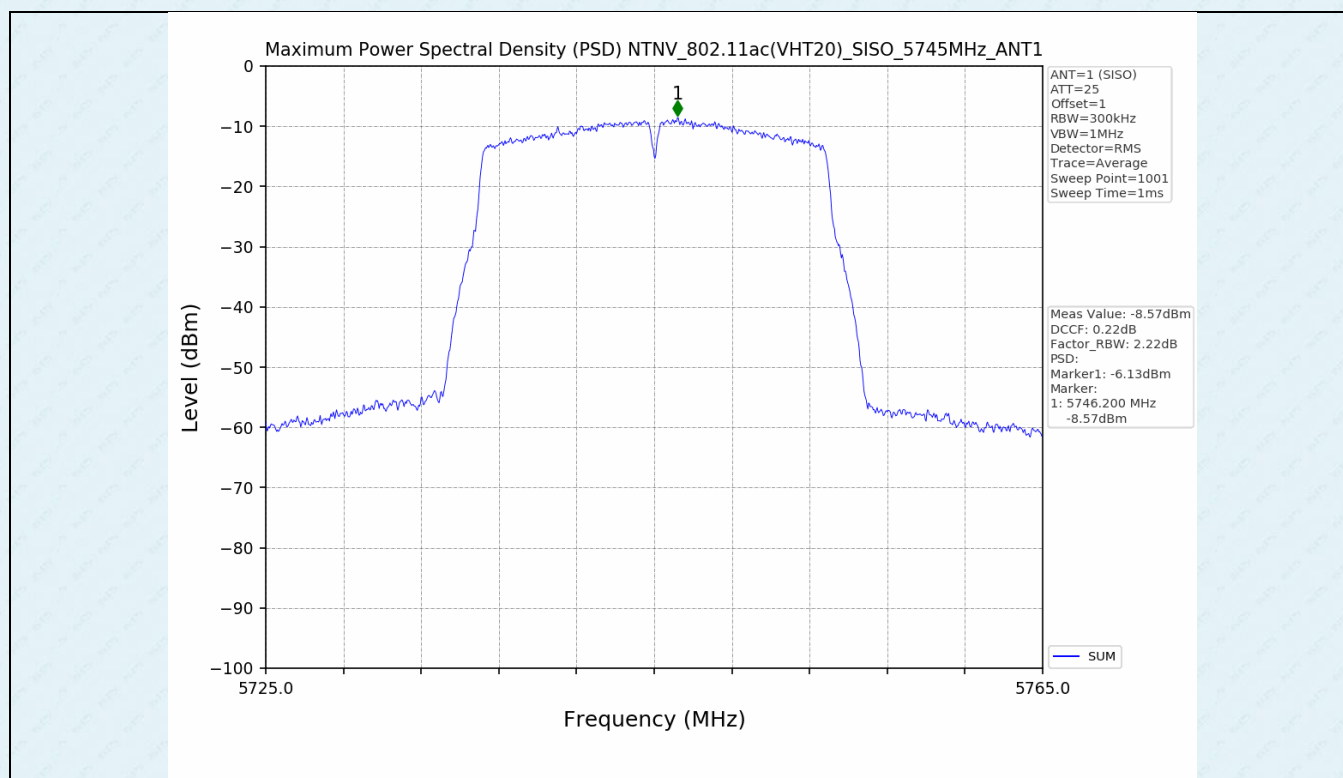
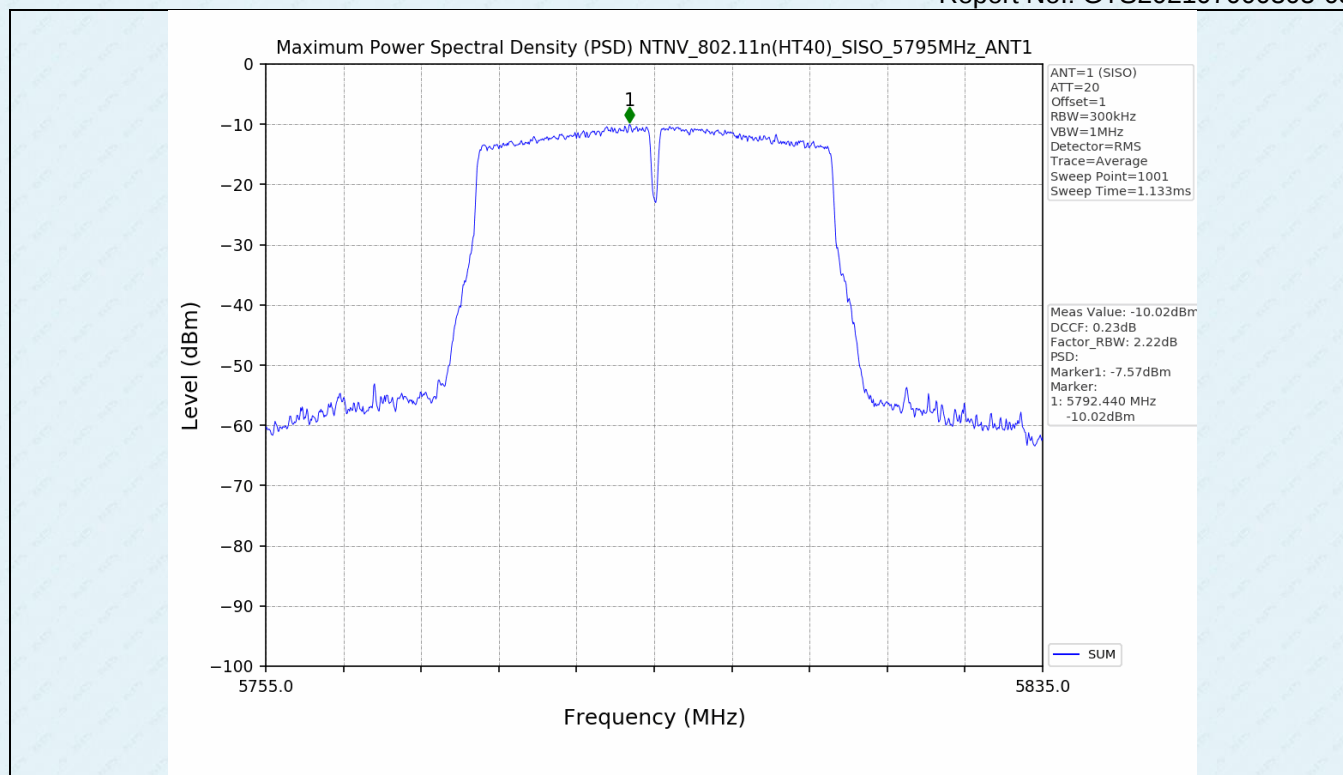
ANT 2:

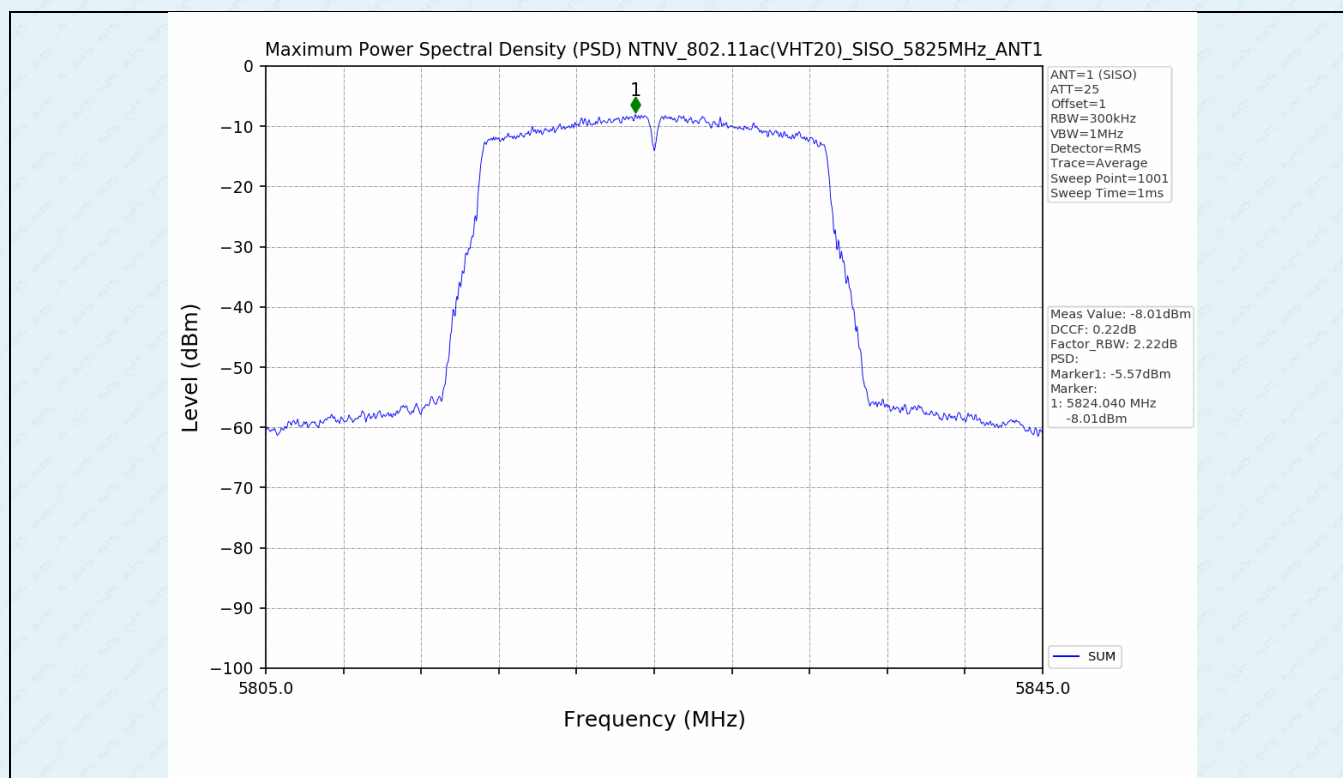
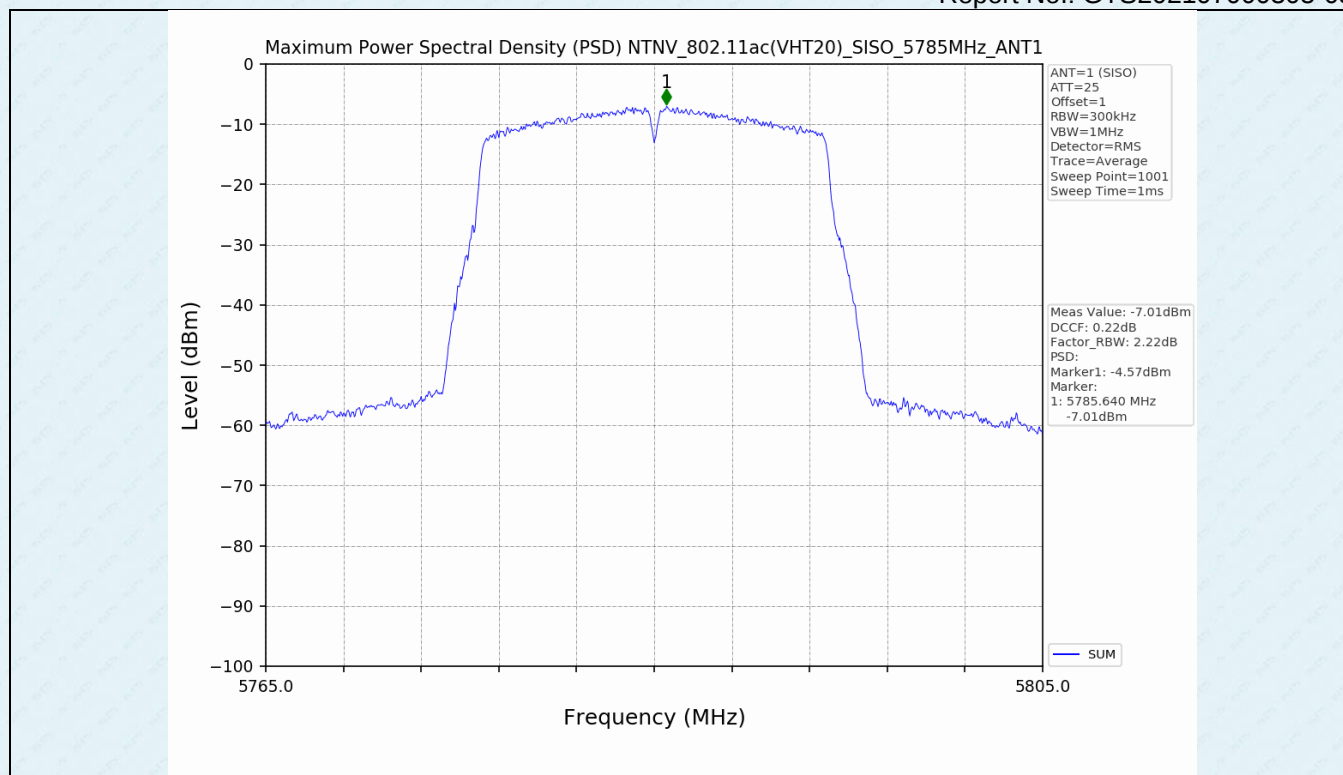


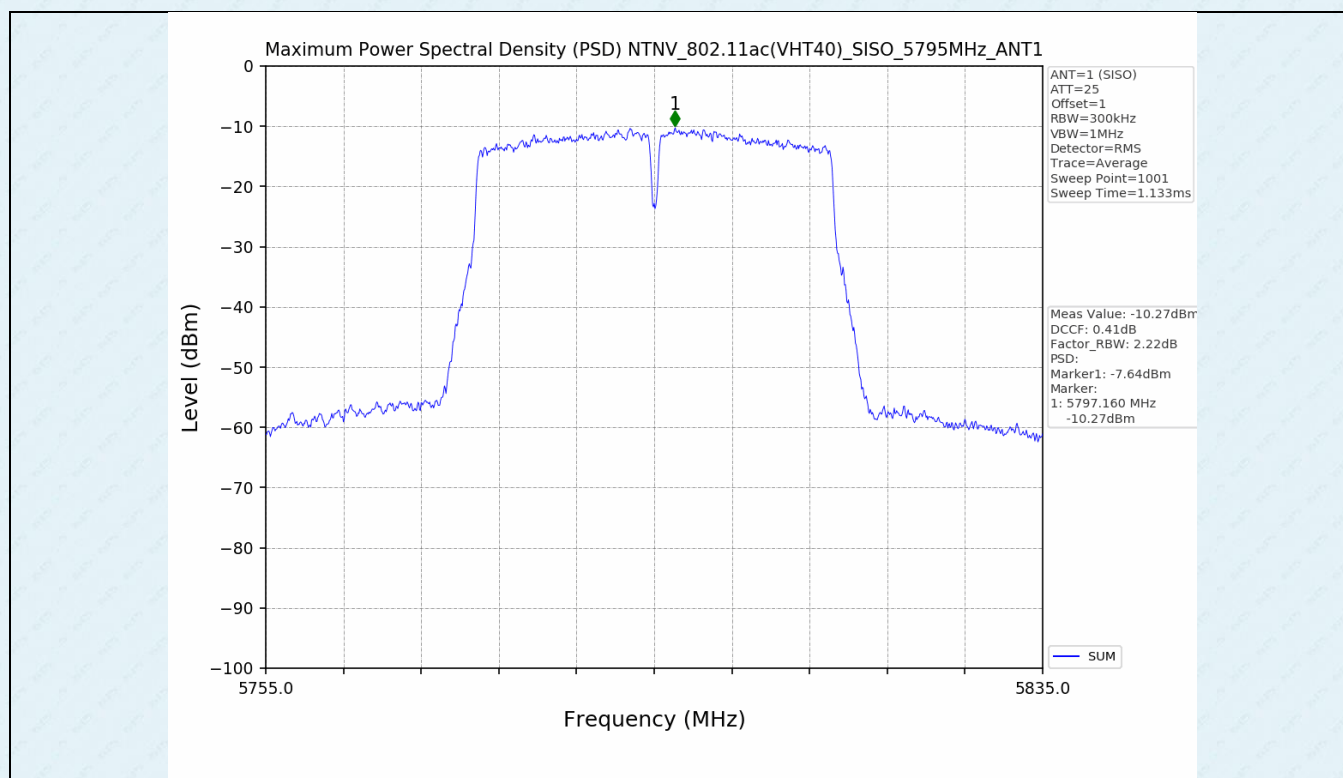
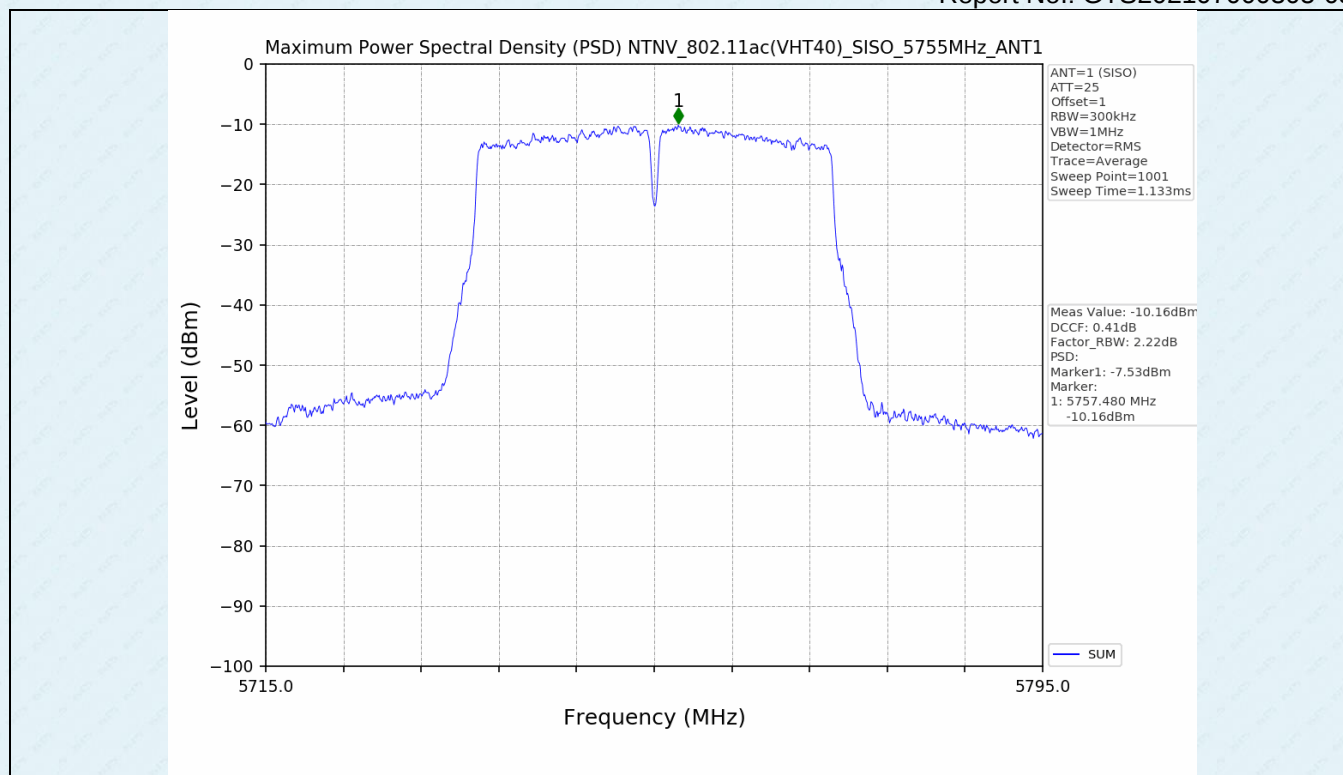


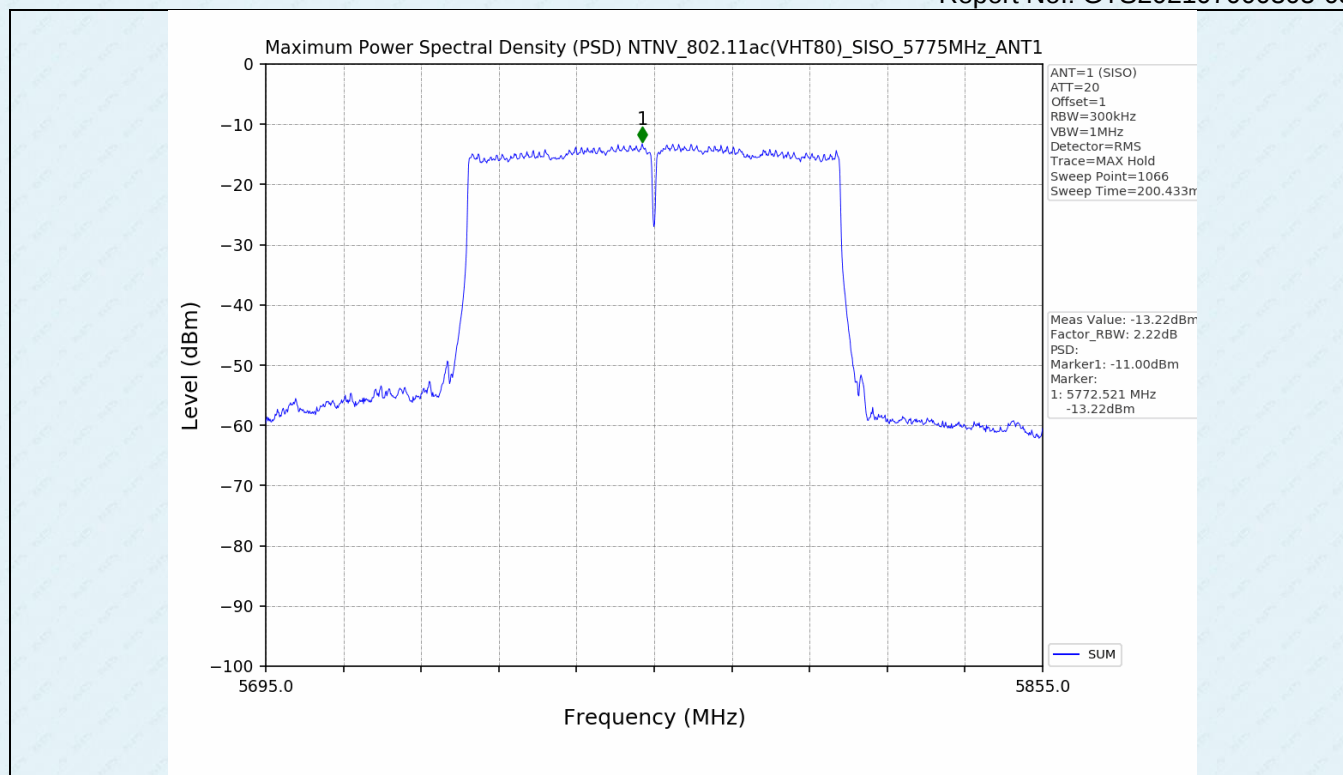












5. Frequency Stability

5.1 Test Result

Test Condition	Test Mode	Test Frequency [MHz]	Ant	Result [ppm]	Limit [ppm]	Verdict
NTNV	Carrier	5745	1	-6.44	<=20	PASS
		5755	1	-6.43	<=20	PASS
		5775	1	-6.23	<=20	PASS
		5785	1	-6.57	<=20	PASS
		5795	1	-6.56	<=20	PASS
		5825	1	-6.7	<=20	PASS

-----End-----