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Appendix for 15.407

1. Bandwidth

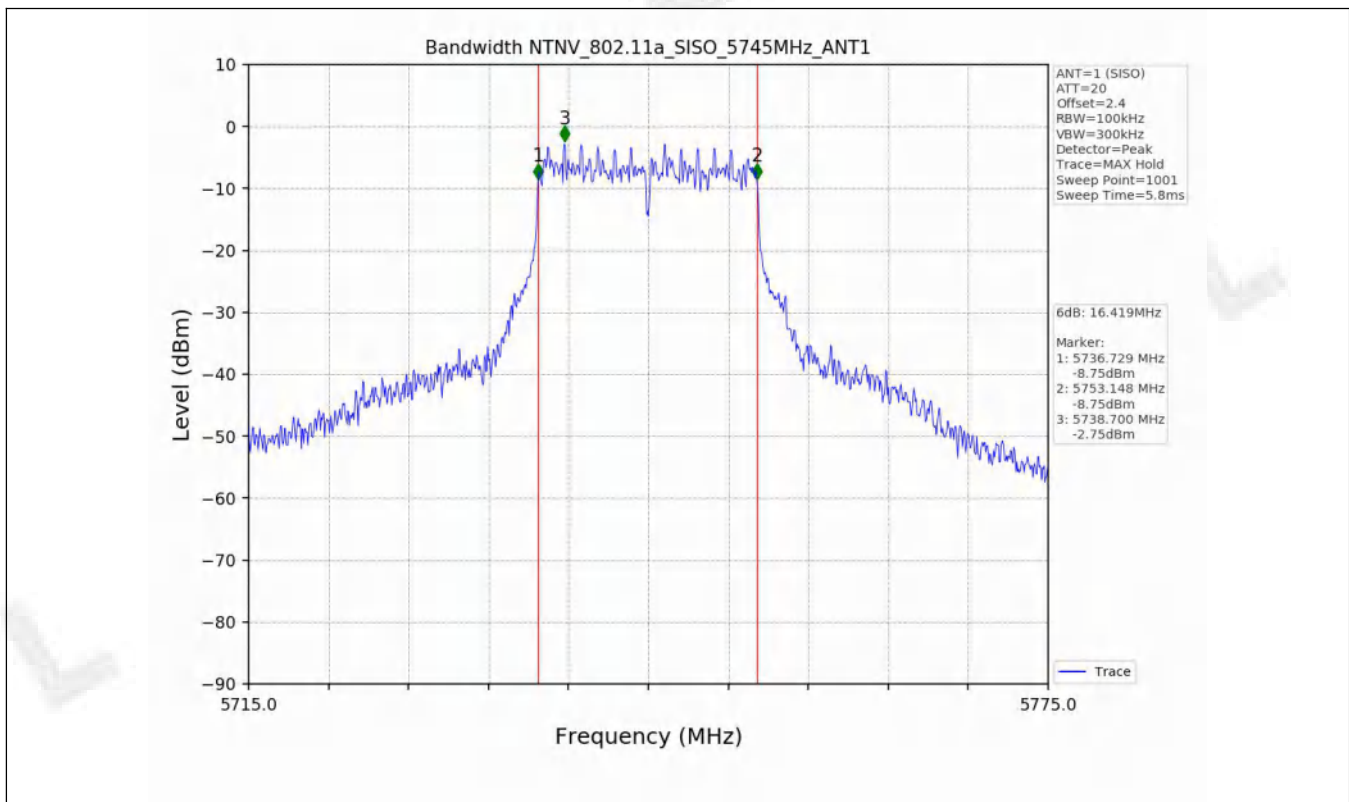
1.1 Test Result

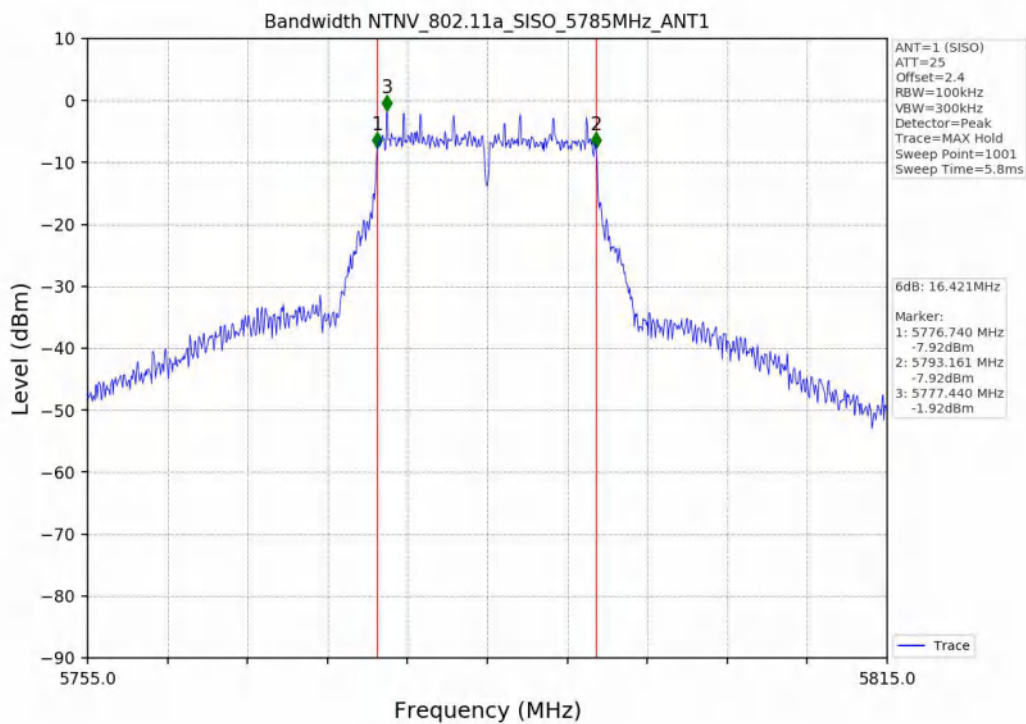
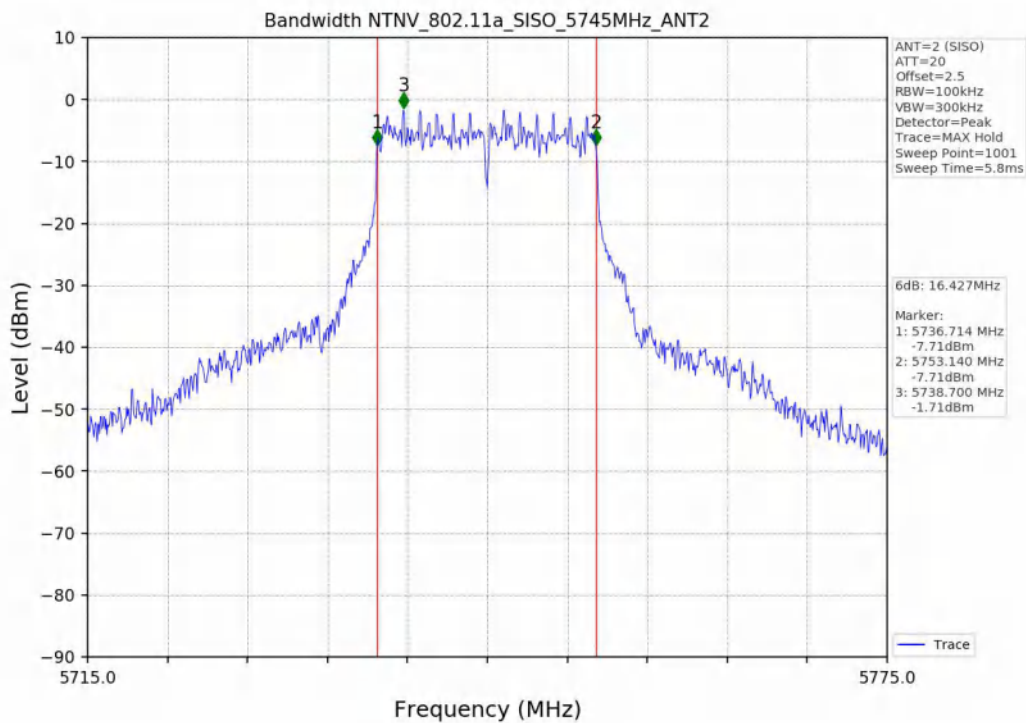
Test Mode	Frequency (MHz)	TX Type	ANT No.	Emission Bandwidth		Verdict
				Test Result (MHz)	Limits (MHz)	
802.11a	5745	SISO	1	16.419	≥0.5	PASS
			2	16.427	≥0.5	PASS
	5785	SISO	1	16.421	≥0.5	PASS
			2	16.380	≥0.5	PASS
	5825	SISO	1	16.407	≥0.5	PASS
			2	16.432	≥0.5	PASS
802.11n(HT20)	5745	MIMO	1	17.737	≥0.5	PASS
			2	17.678	≥0.5	PASS
	5785	MIMO	1	17.694	≥0.5	PASS
			2	17.708	≥0.5	PASS
	5825	MIMO	1	17.710	≥0.5	PASS
			2	17.724	≥0.5	PASS
802.11n(HT40)	5755	MIMO	1	36.288	≥0.5	PASS
			2	36.440	≥0.5	PASS
	5795	MIMO	1	36.472	≥0.5	PASS
			2	36.522	≥0.5	PASS
802.11ac(VHT20)	5745	MIMO	1	17.746	≥0.5	PASS
			2	17.768	≥0.5	PASS
	5785	MIMO	1	17.741	≥0.5	PASS
			2	17.761	≥0.5	PASS
	5825	MIMO	1	17.723	≥0.5	PASS
			2	17.767	≥0.5	PASS
802.11ac(VHT40)	5755	MIMO	1	36.489	≥0.5	PASS
			2	36.206	≥0.5	PASS
	5795	MIMO	1	36.520	≥0.5	PASS
			2	36.208	≥0.5	PASS
802.11ac(VHT80)	5775	MIMO	1	75.735	≥0.5	PASS
			2	75.732	≥0.5	PASS

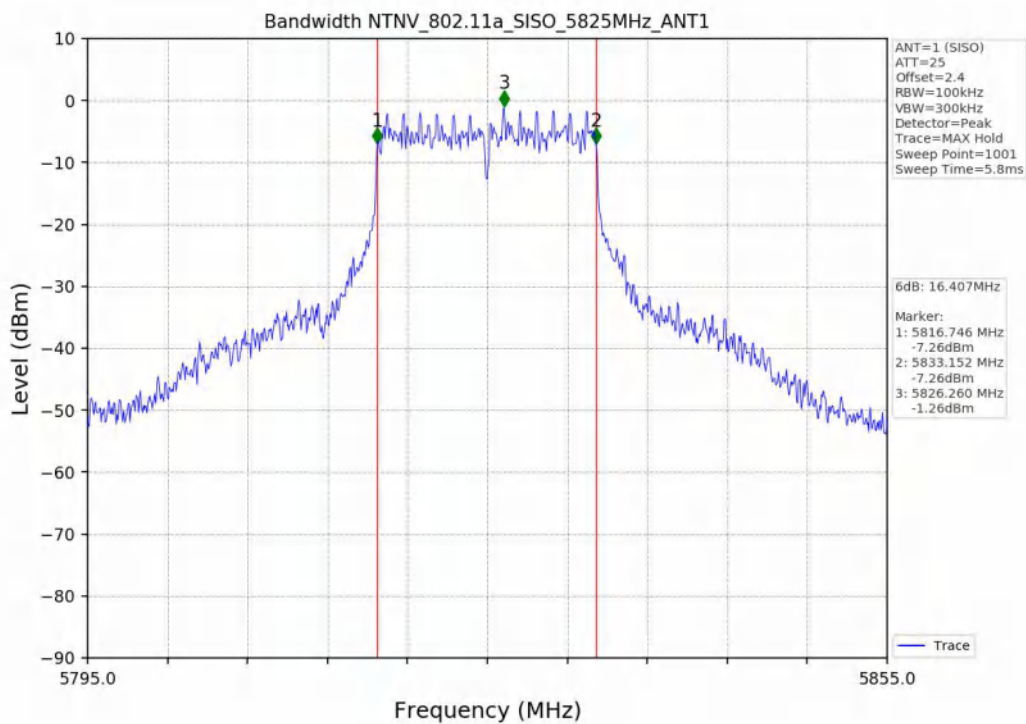
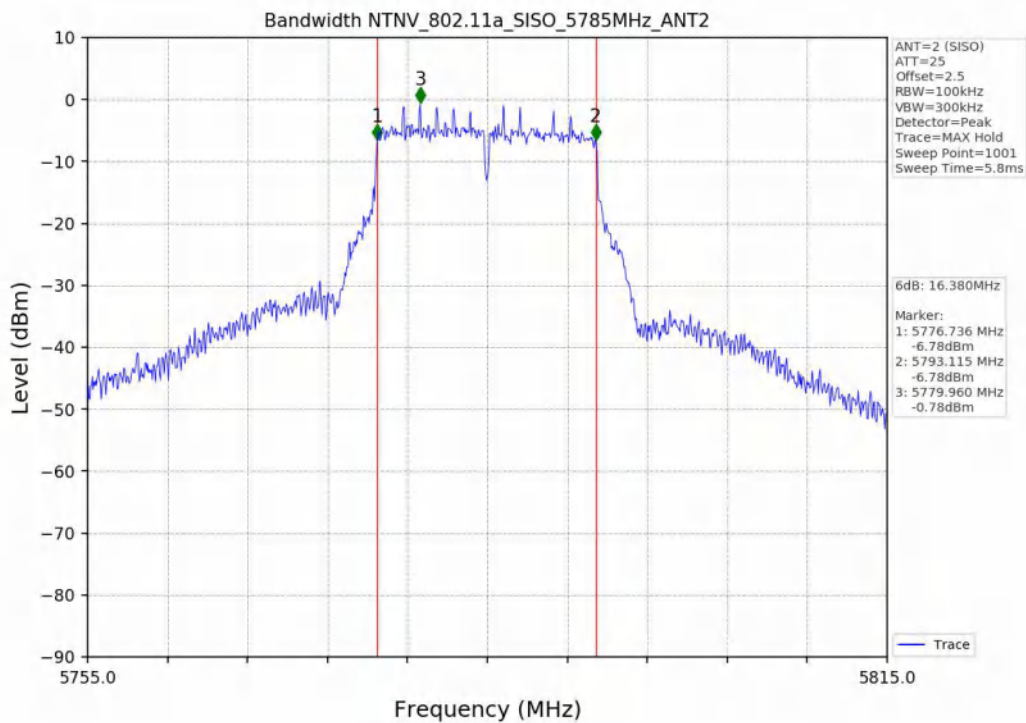
Test Mode	Frequency (MHz)	TX Type	ANT No.	99% Occupied Bandwidth	
				Test Result (MHz)	
802.11a	5745	SISO	1	16.750	Only for Report Use
			2	16.707	Only for Report Use
	5785	SISO	1	17.300	Only for Report Use
			2	17.239	Only for Report Use
	5825	SISO	1	16.811	Only for Report Use
			2	16.741	Only for Report Use
802.11n(HT20)	5745	MIMO	1	18.069	Only for Report Use
			2	18.051	Only for Report Use
	5785	MIMO	1	18.043	Only for Report Use
			2	18.122	Only for Report Use
	5825	MIMO	1	18.071	Only for Report Use
			2	18.104	Only for Report Use
802.11n(HT40)	5755	MIMO	1	36.900	Only for Report Use
			2	37.072	Only for Report Use
	5795	MIMO	1	37.342	Only for Report Use
			2	37.136	Only for Report Use

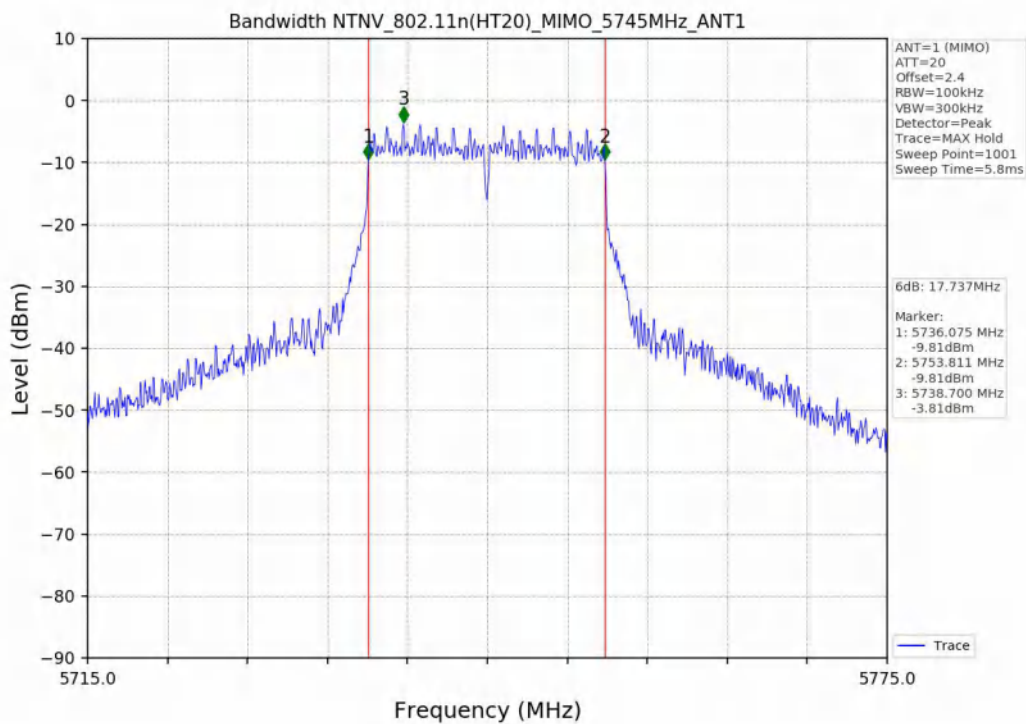
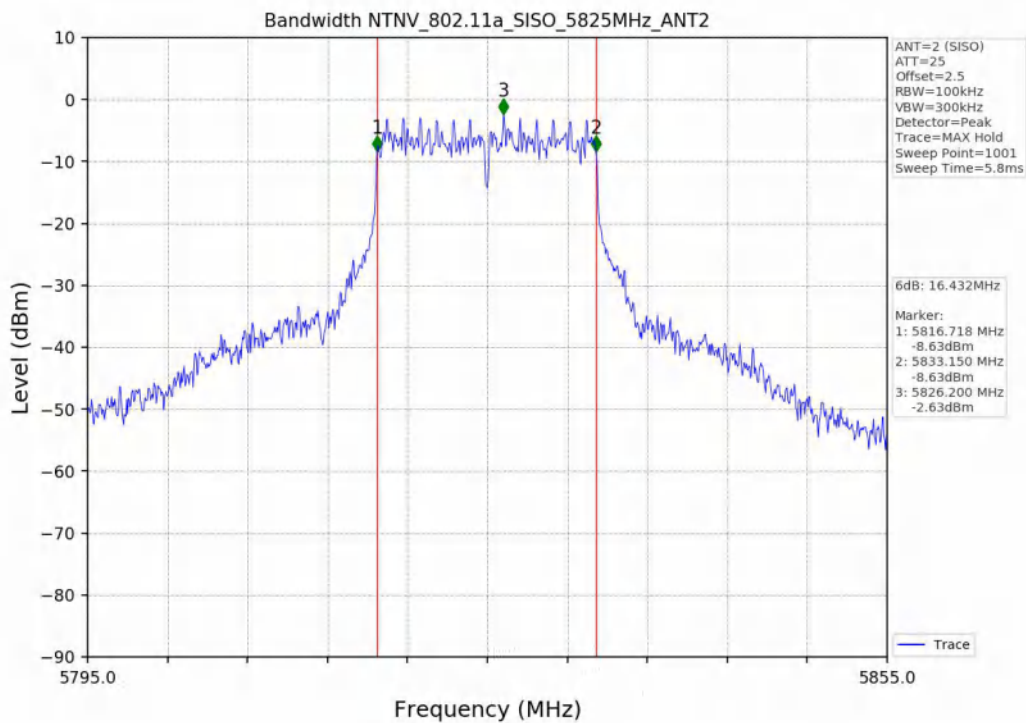
802.11ac(VHT20)	5745	MIMO	1	18.185	Only for Report Use
			2	18.006	Only for Report Use
	5785	MIMO	1	18.127	Only for Report Use
			2	17.994	Only for Report Use
	5825	MIMO	1	18.143	Only for Report Use
			2	18.039	Only for Report Use
802.11ac(VHT40)	5755	MIMO	1	36.867	Only for Report Use
			2	36.662	Only for Report Use
	5795	MIMO	1	37.018	Only for Report Use
			2	36.845	Only for Report Use
802.11ac(VHT80)	5775	MIMO	1	76.134	Only for Report Use
			2	75.982	Only for Report Use

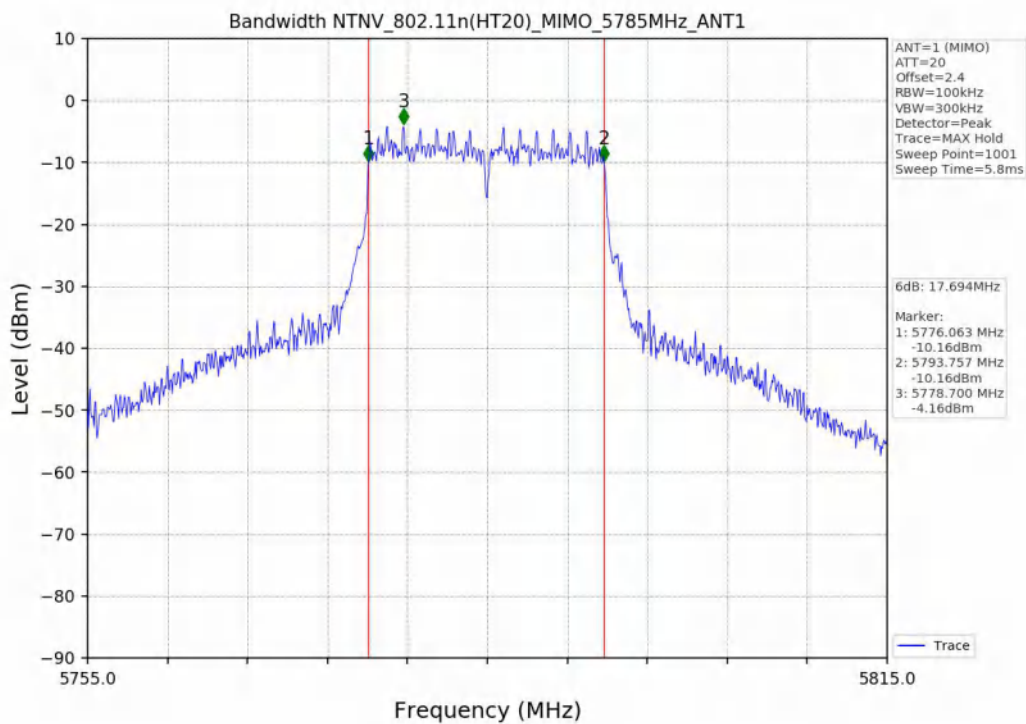
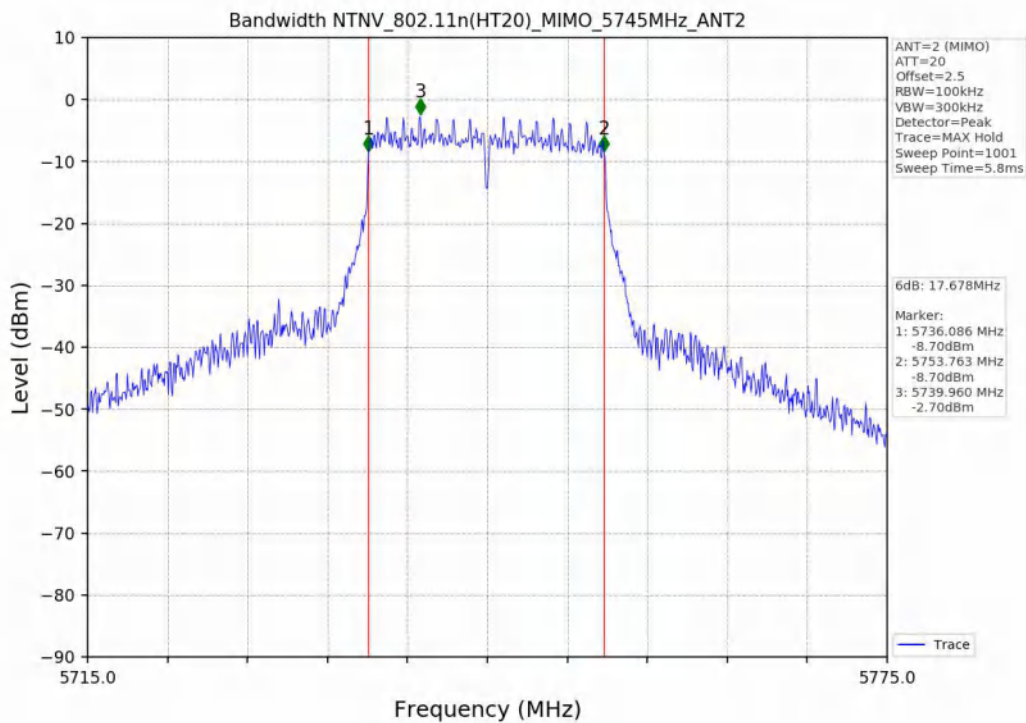
1.2 Test Graph - Emission Bandwidth

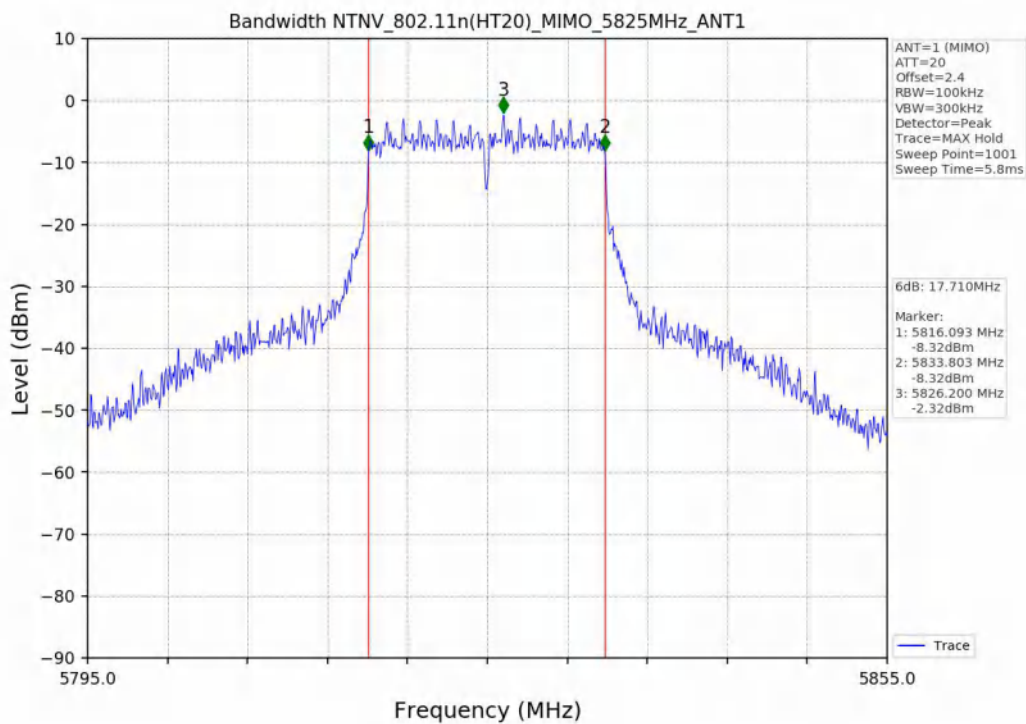
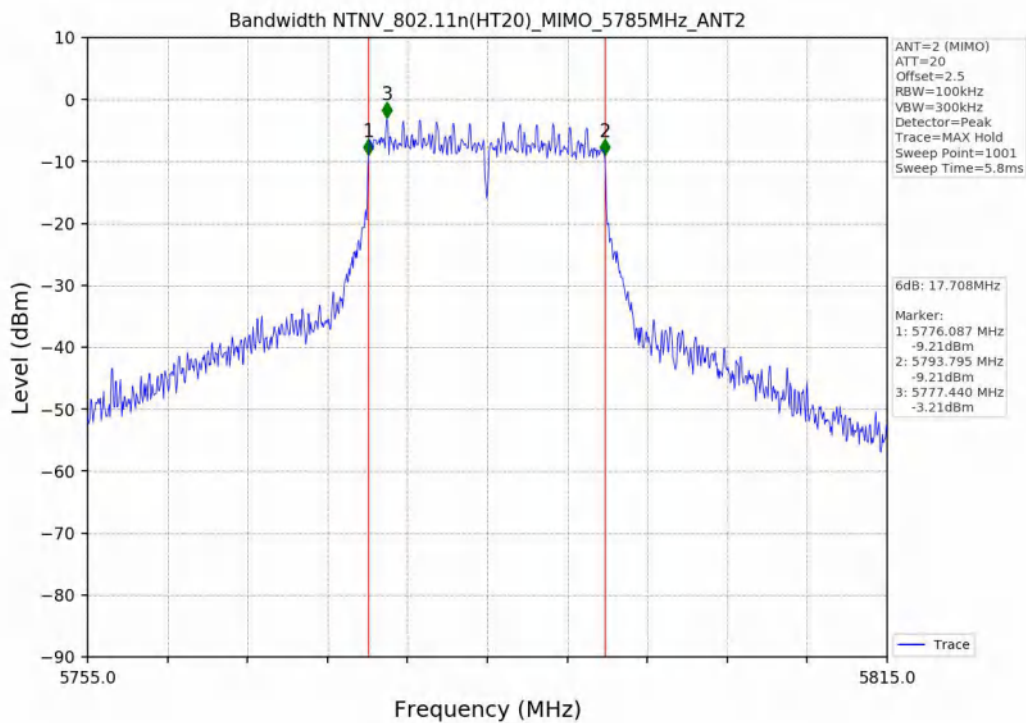


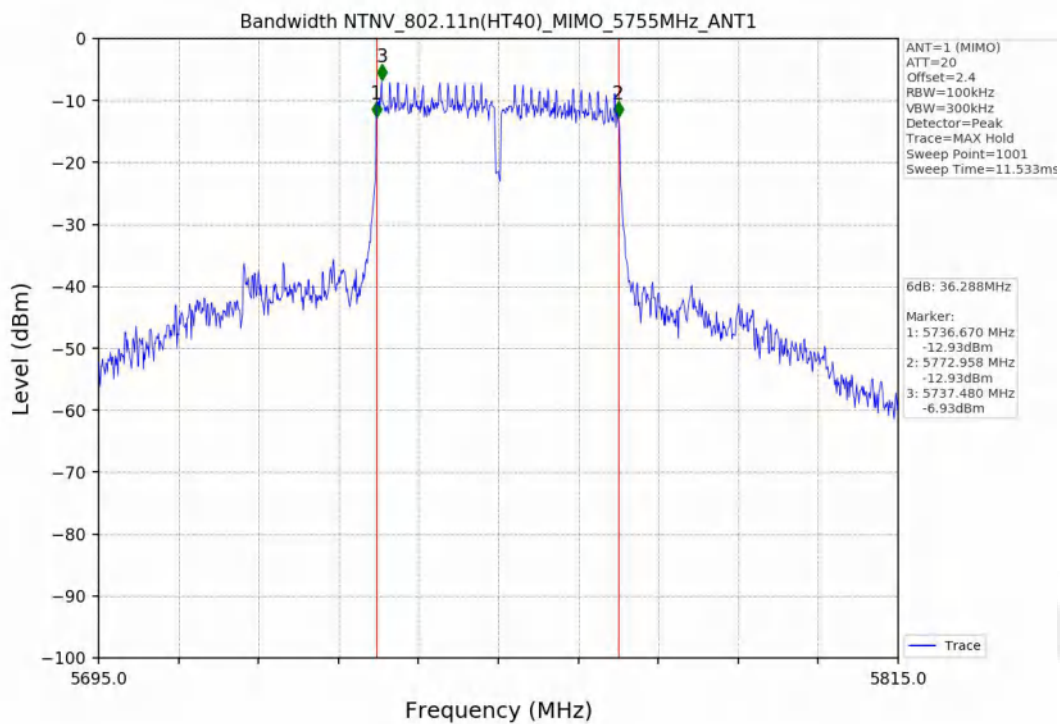
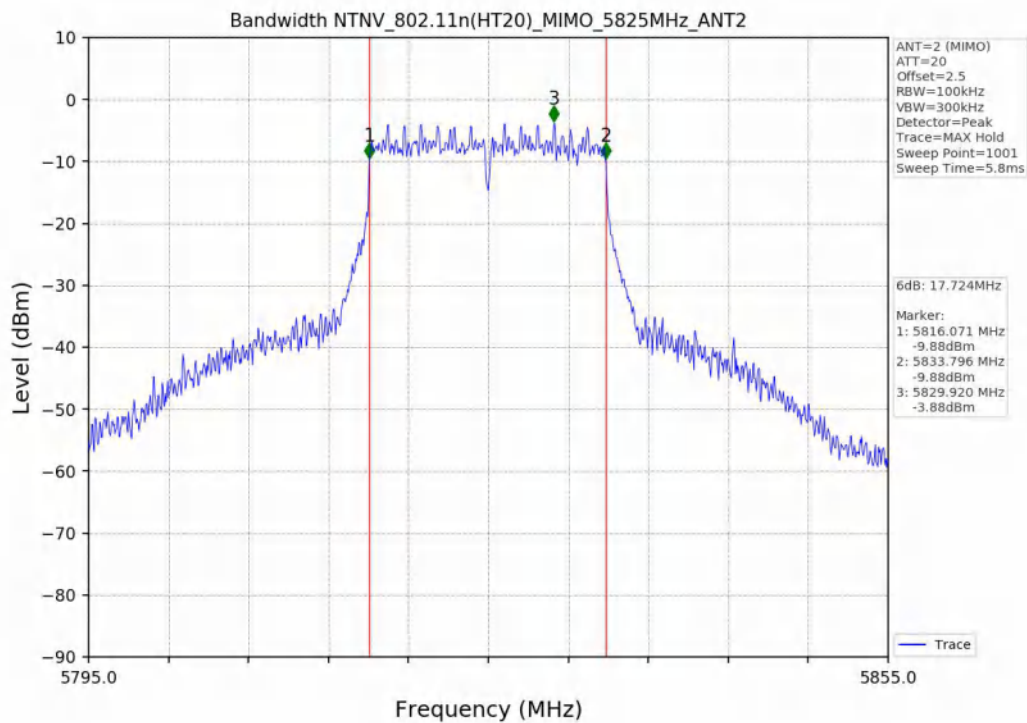


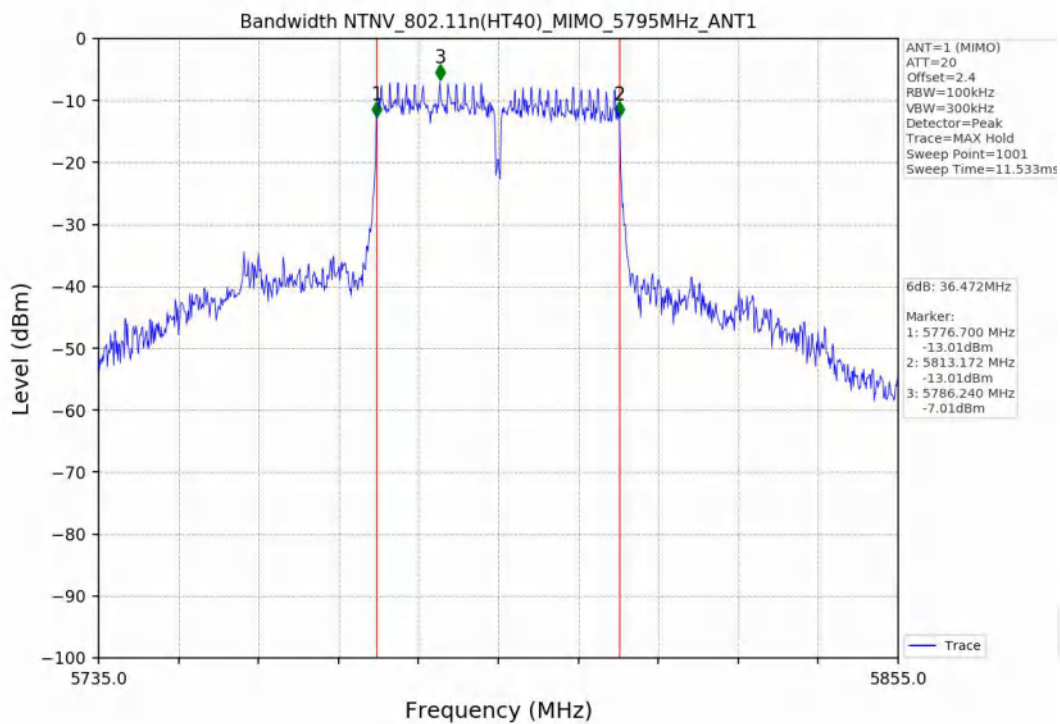
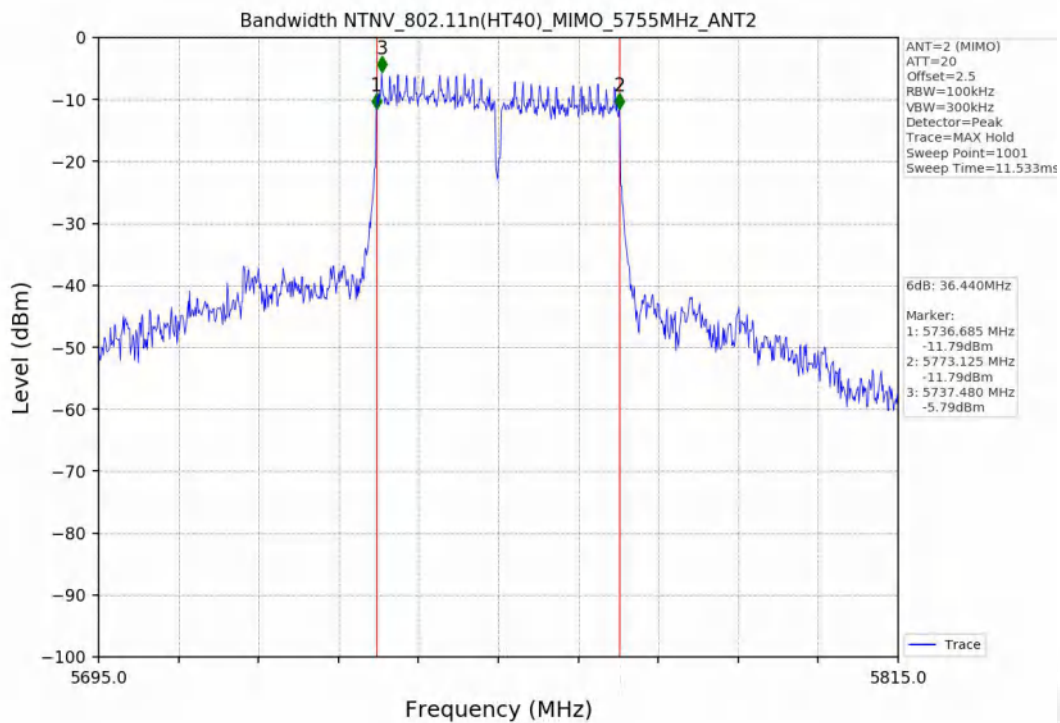


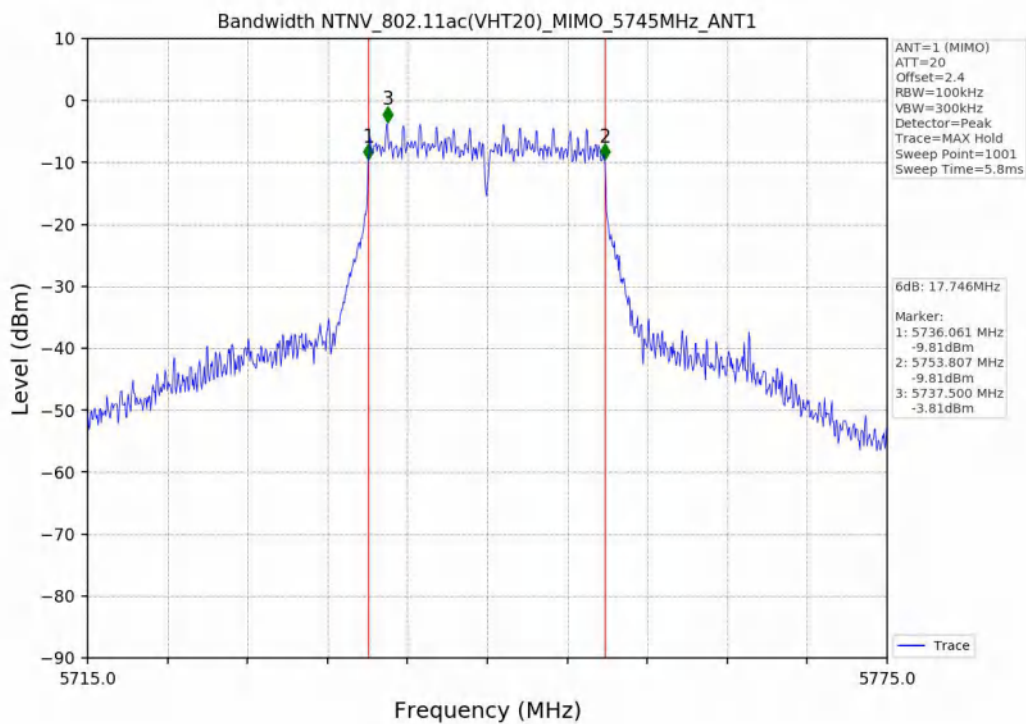
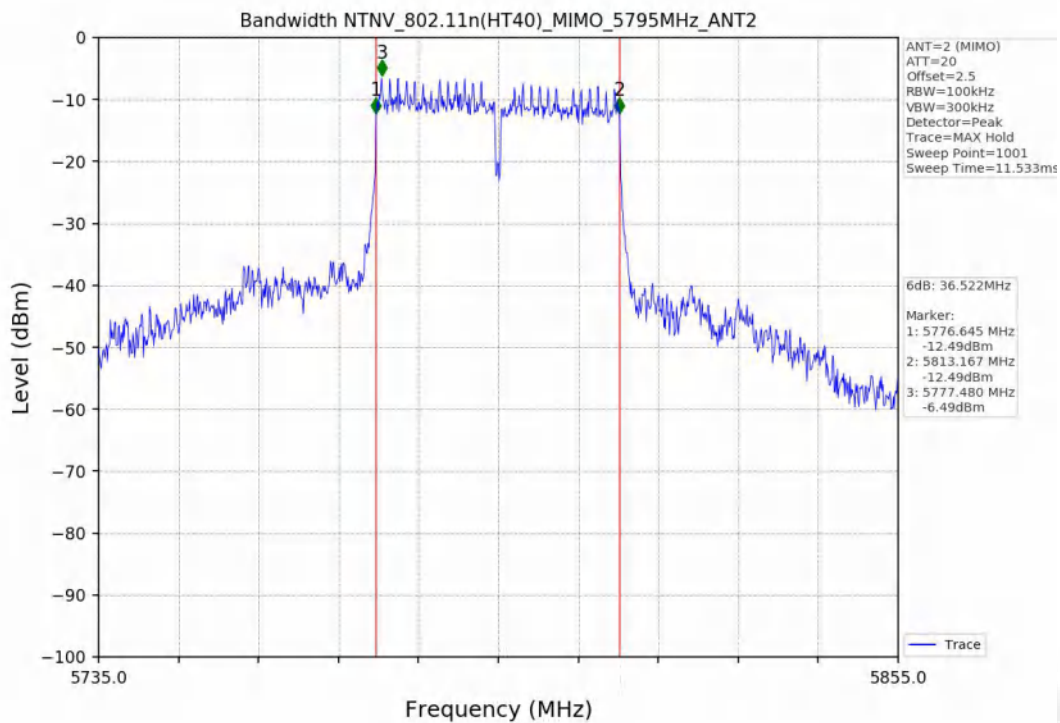


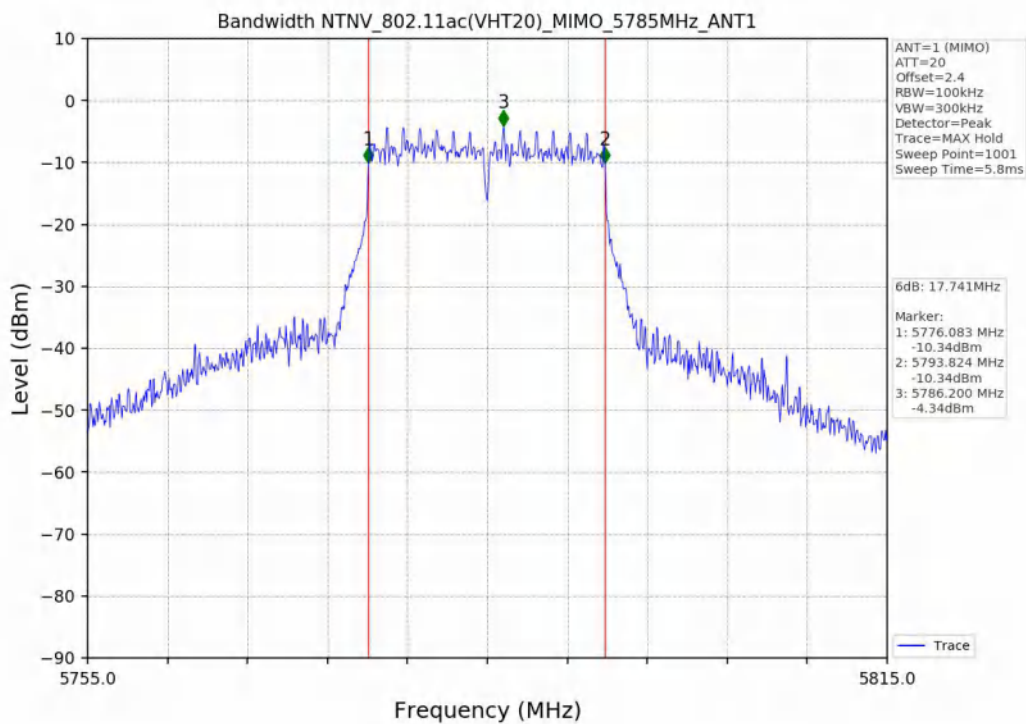
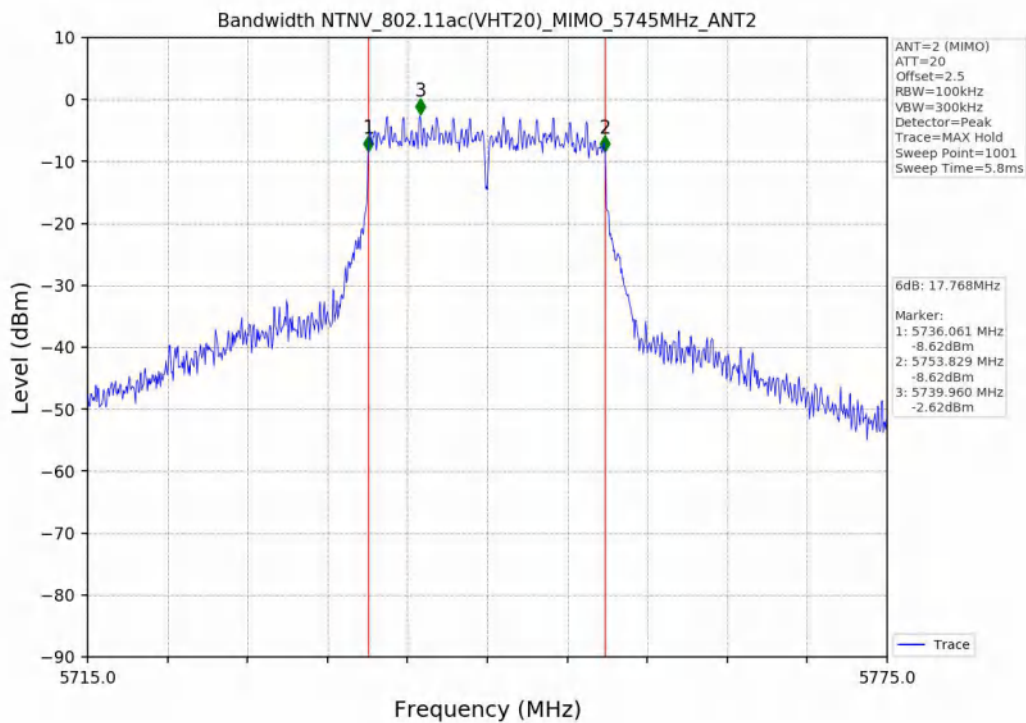


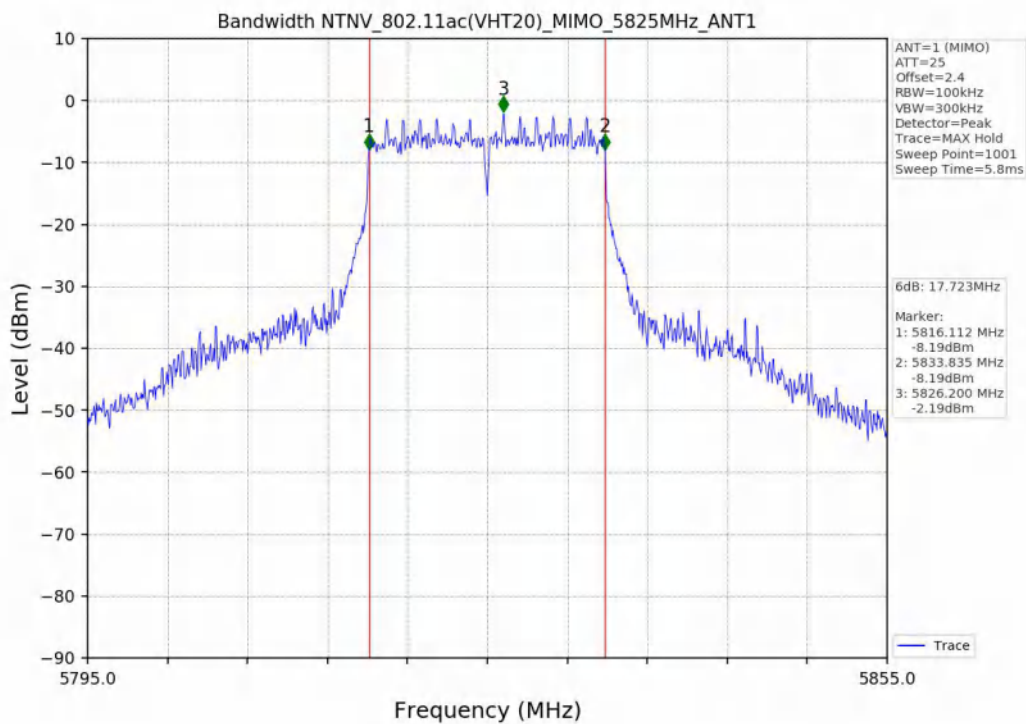
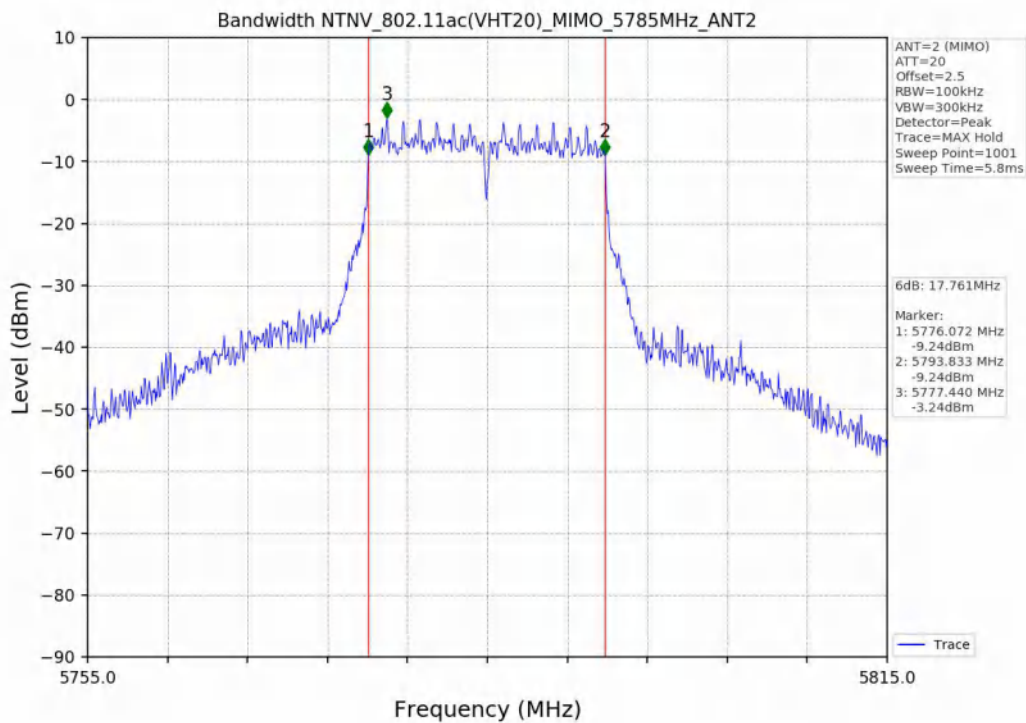


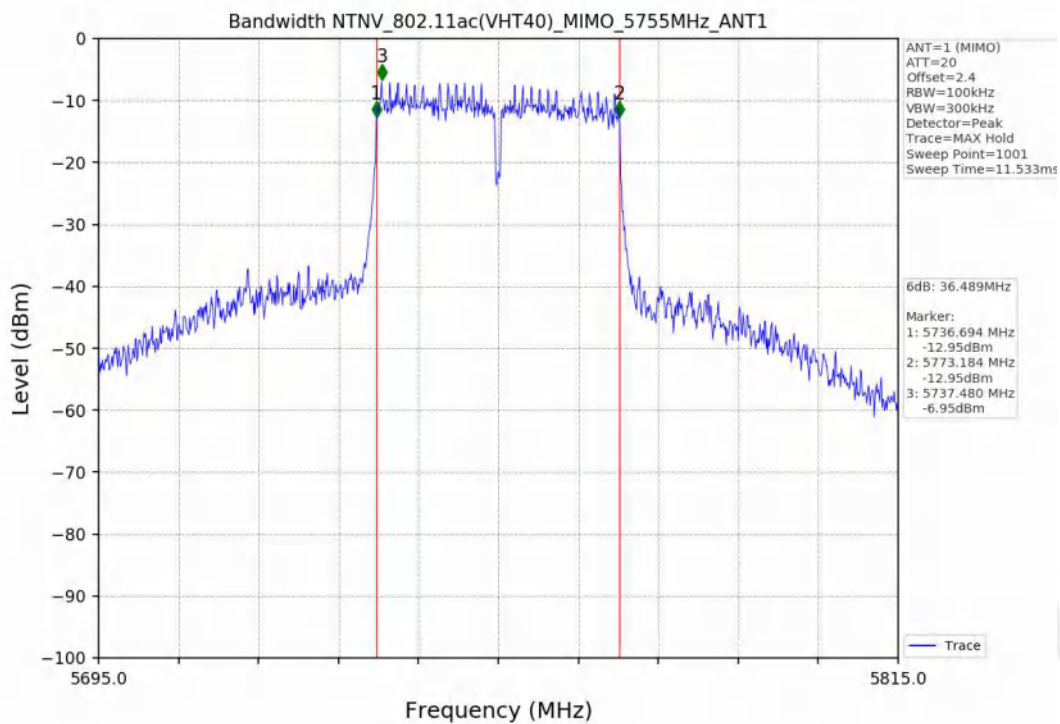
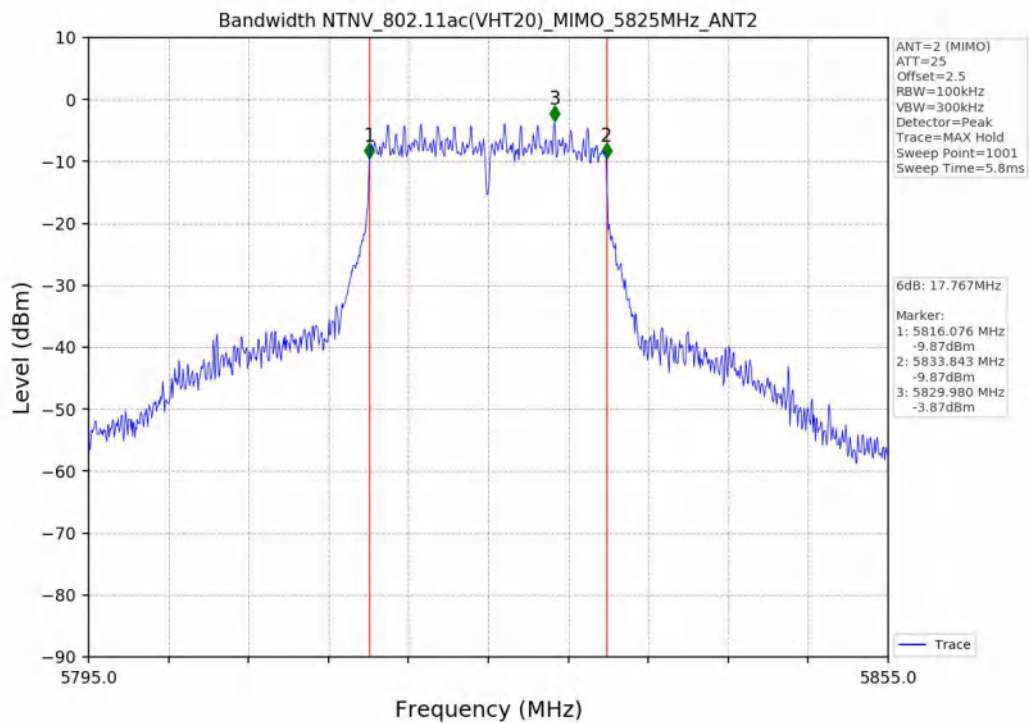


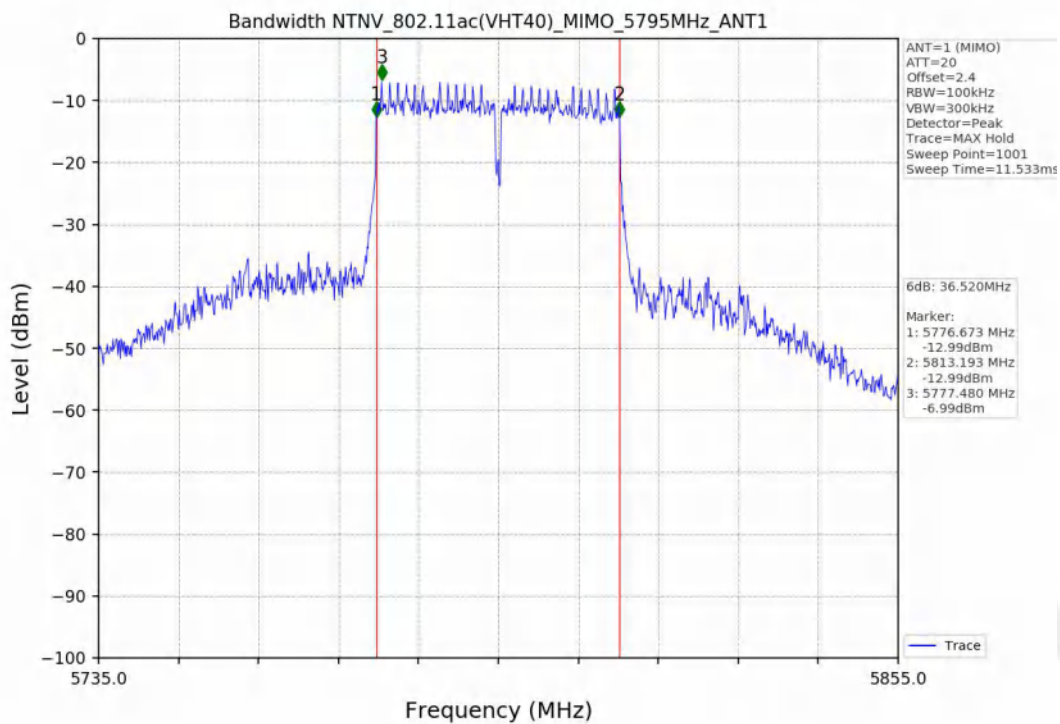
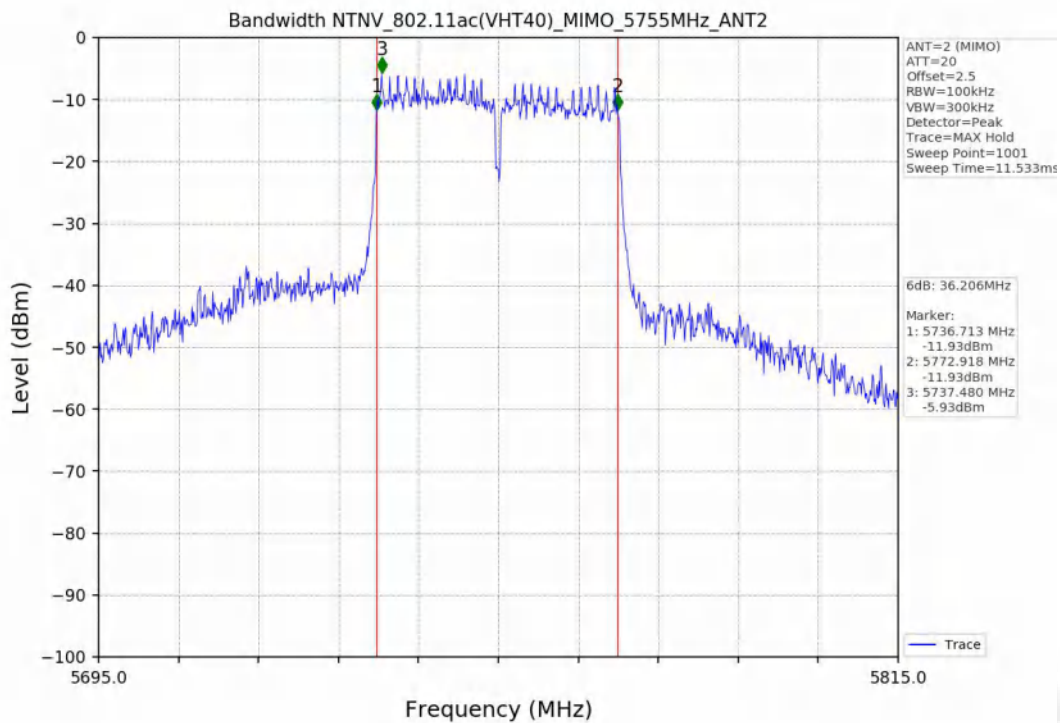


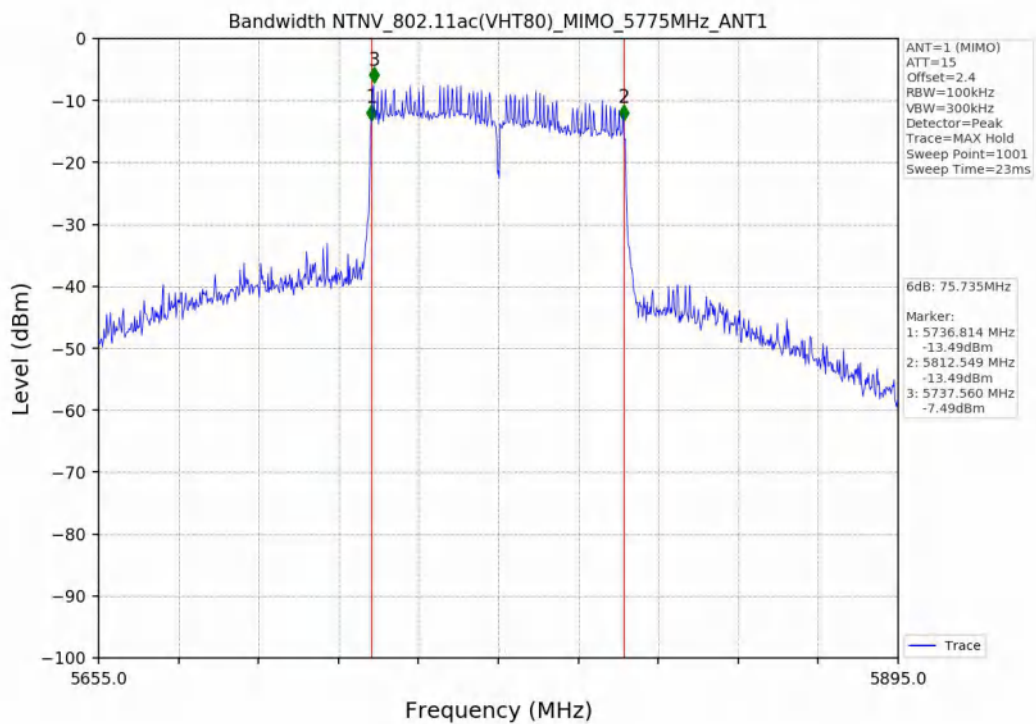
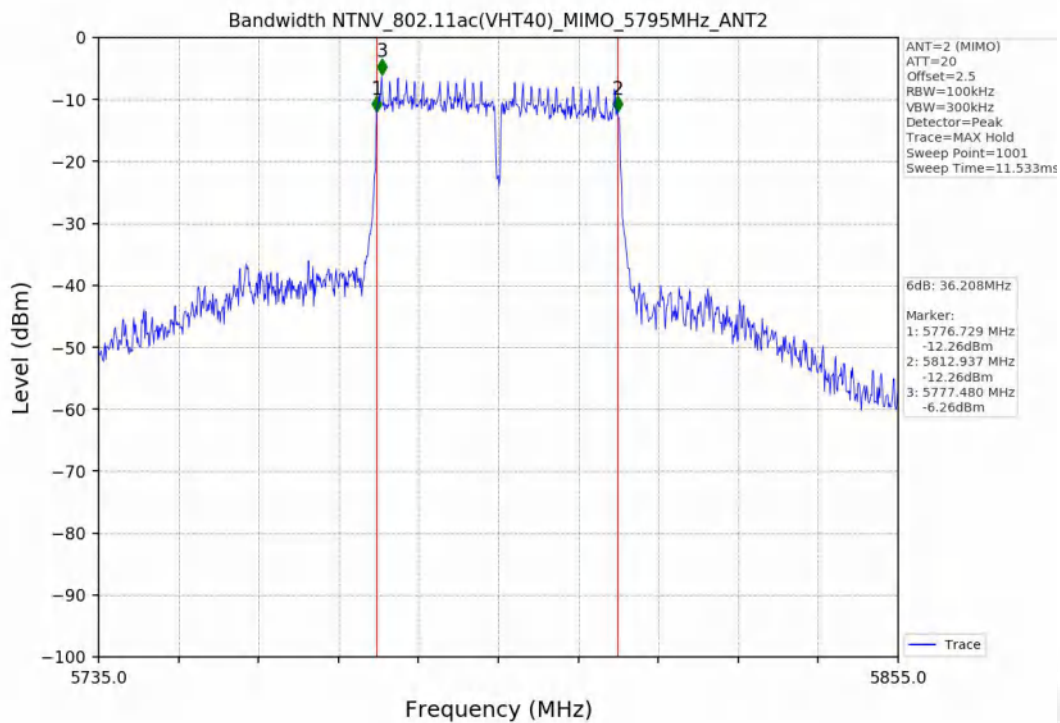


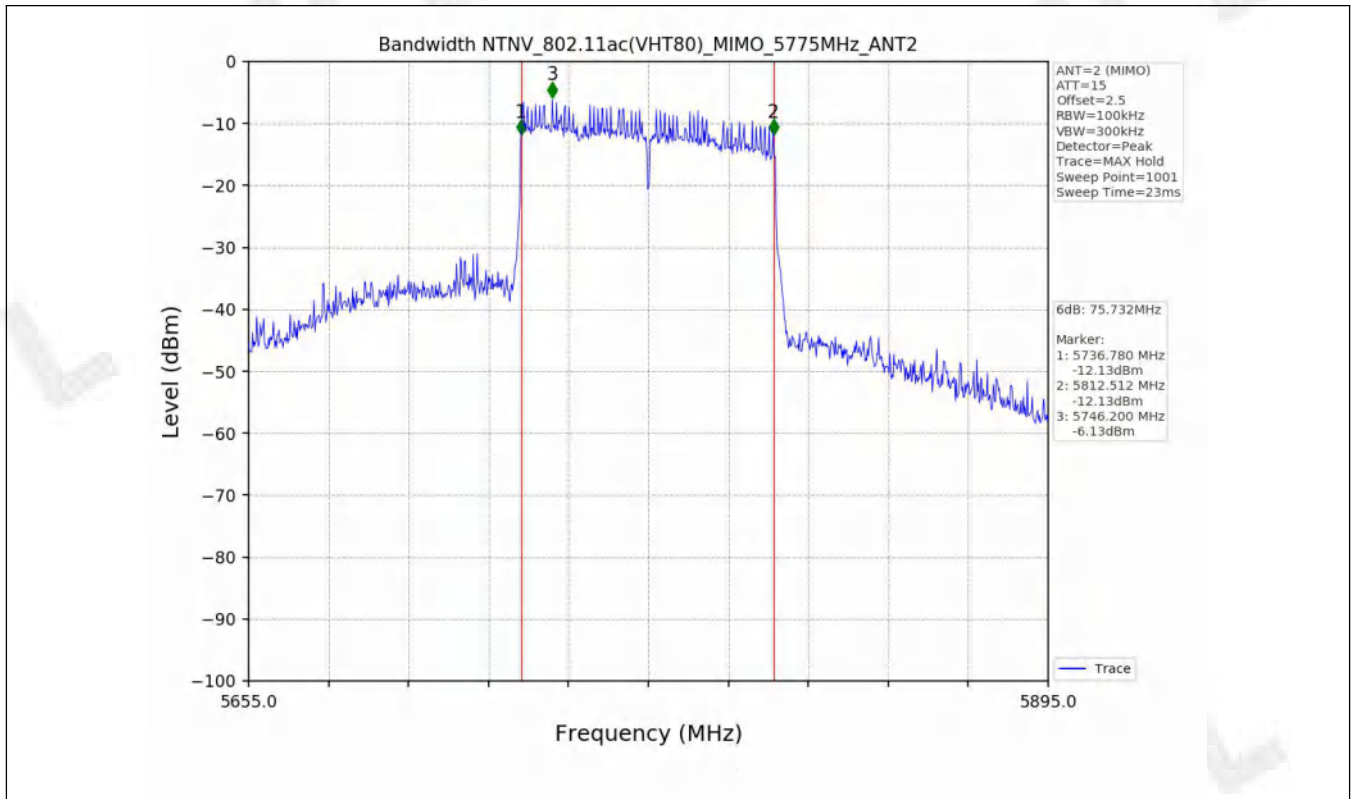




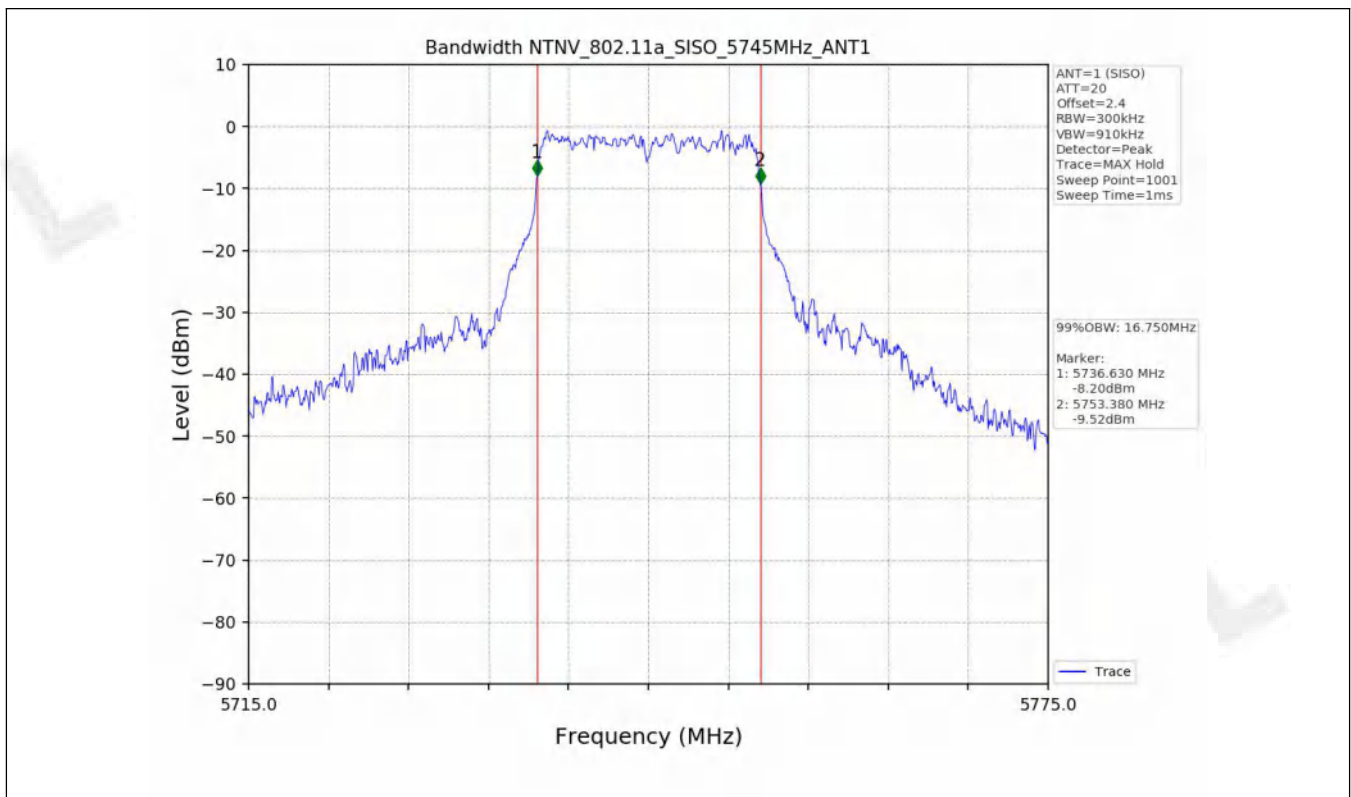


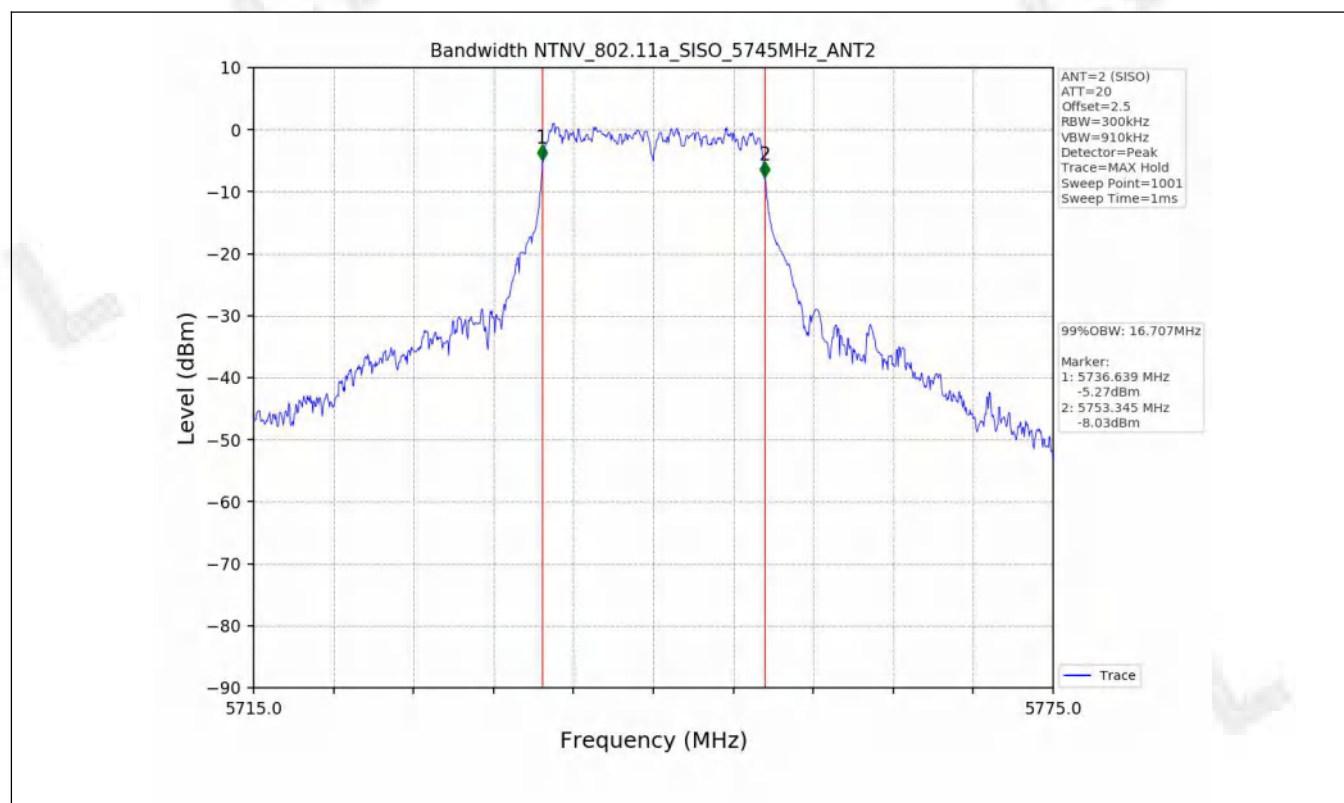


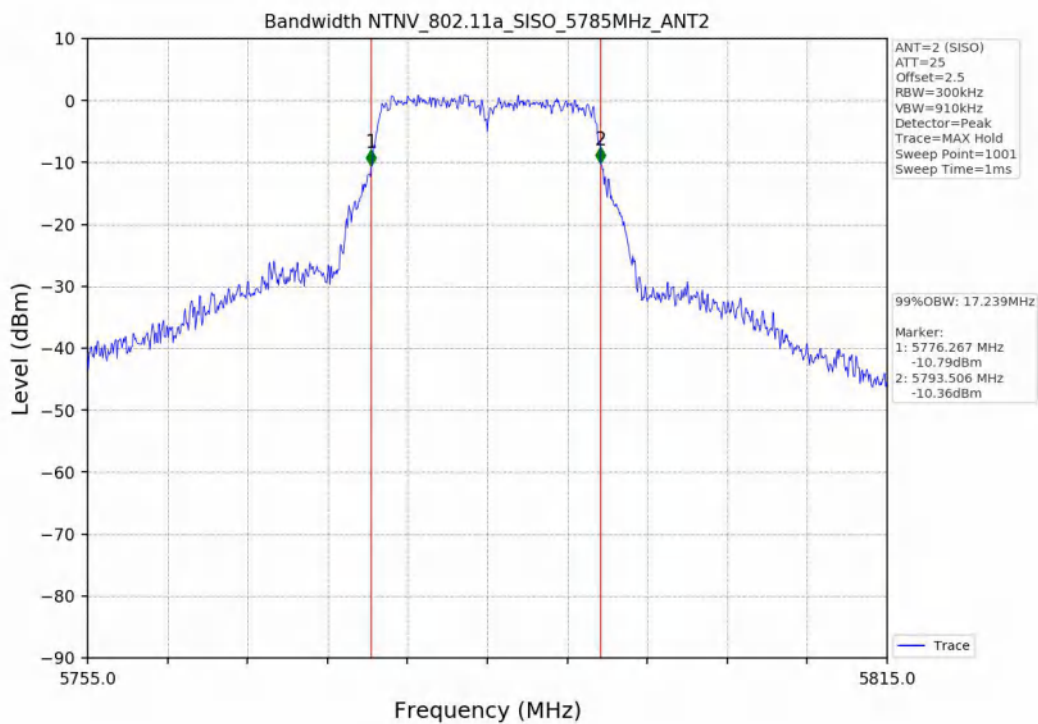
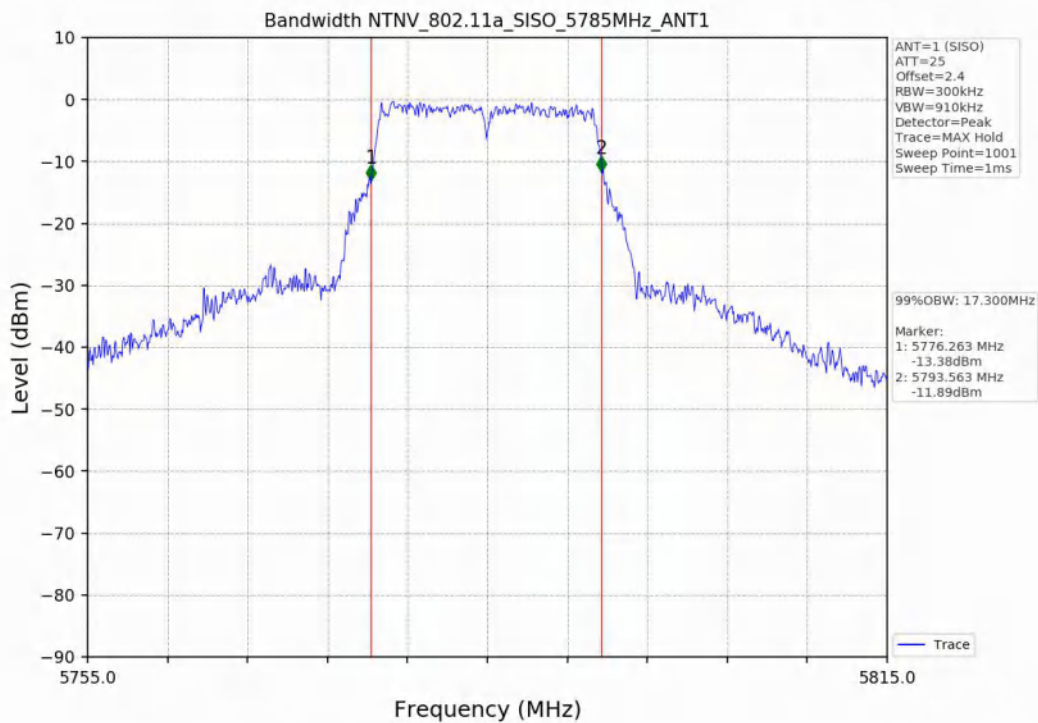


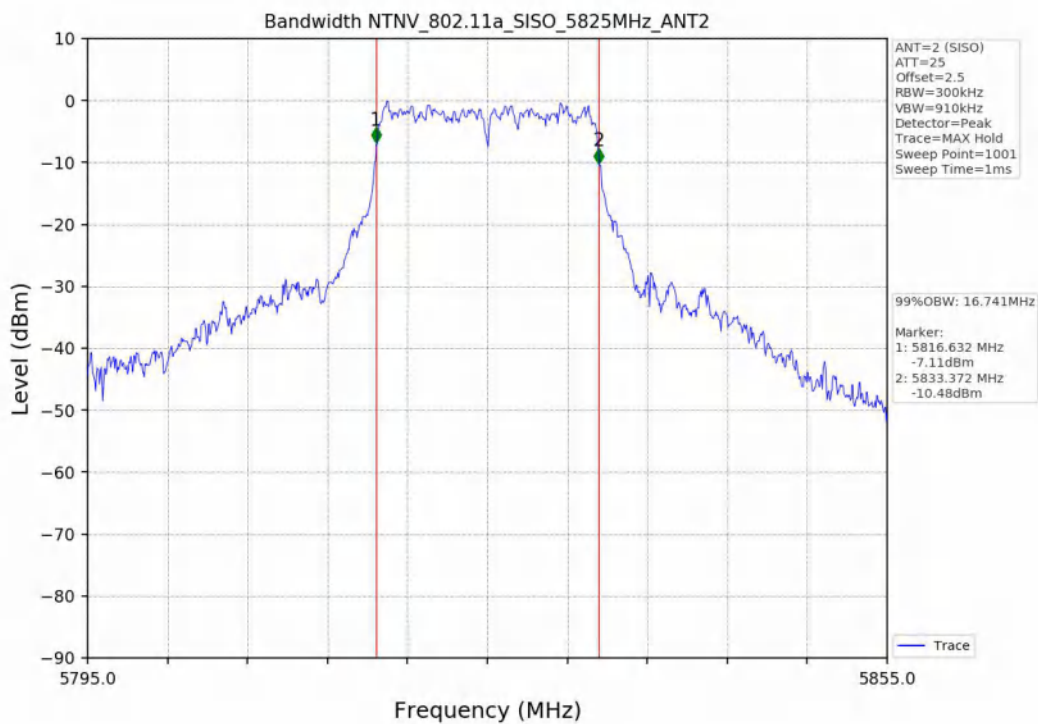
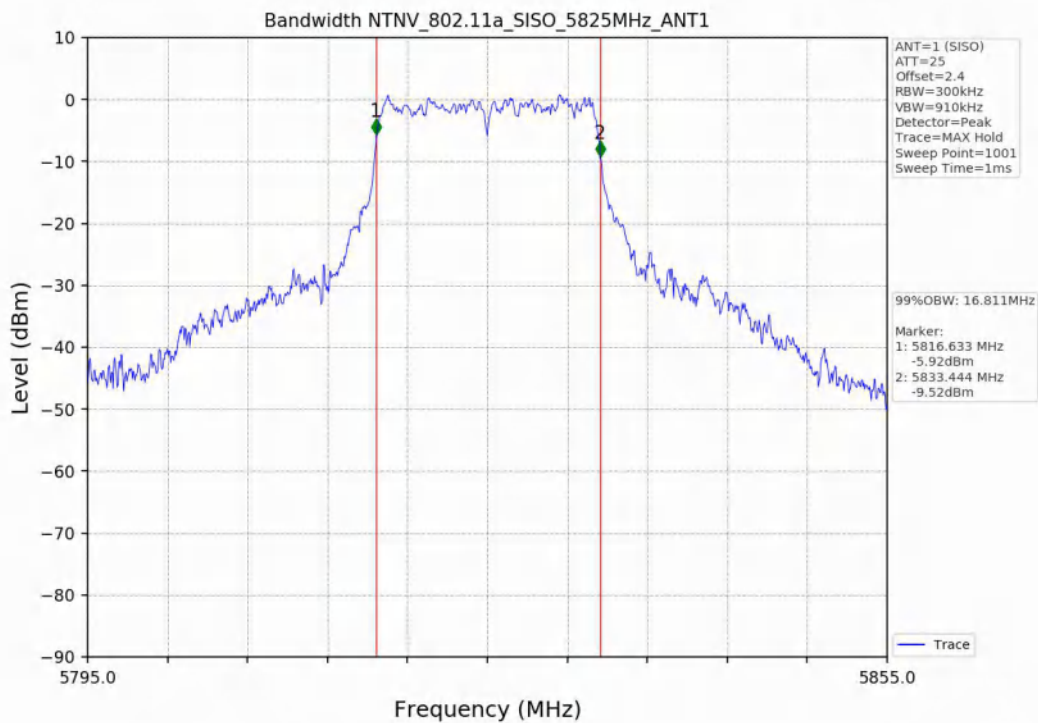


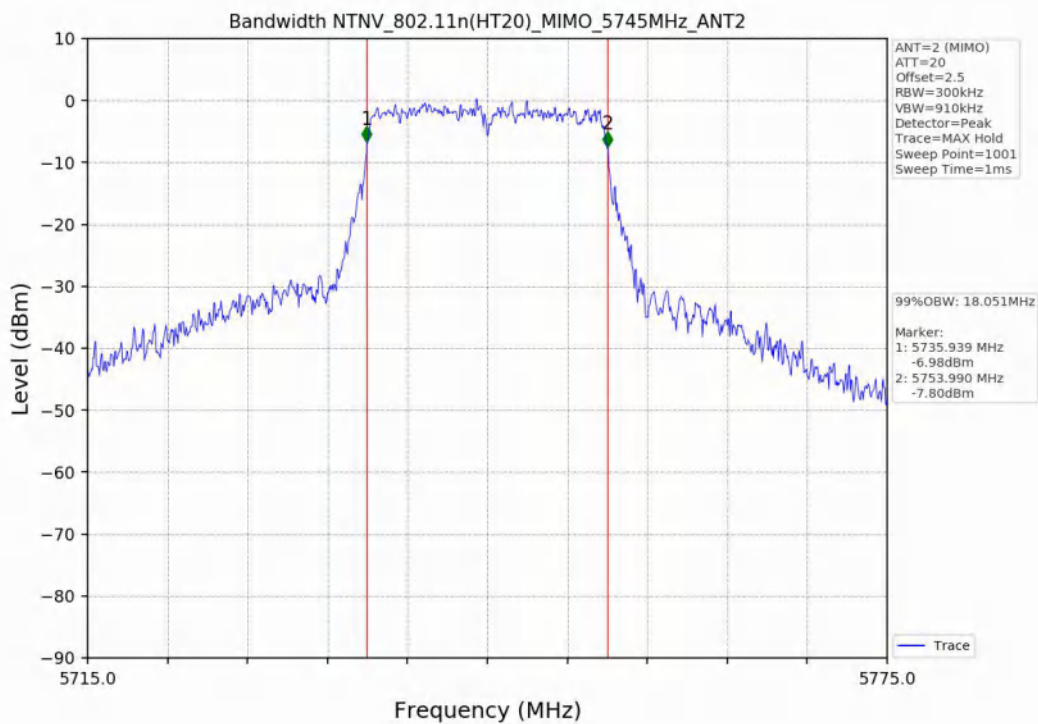
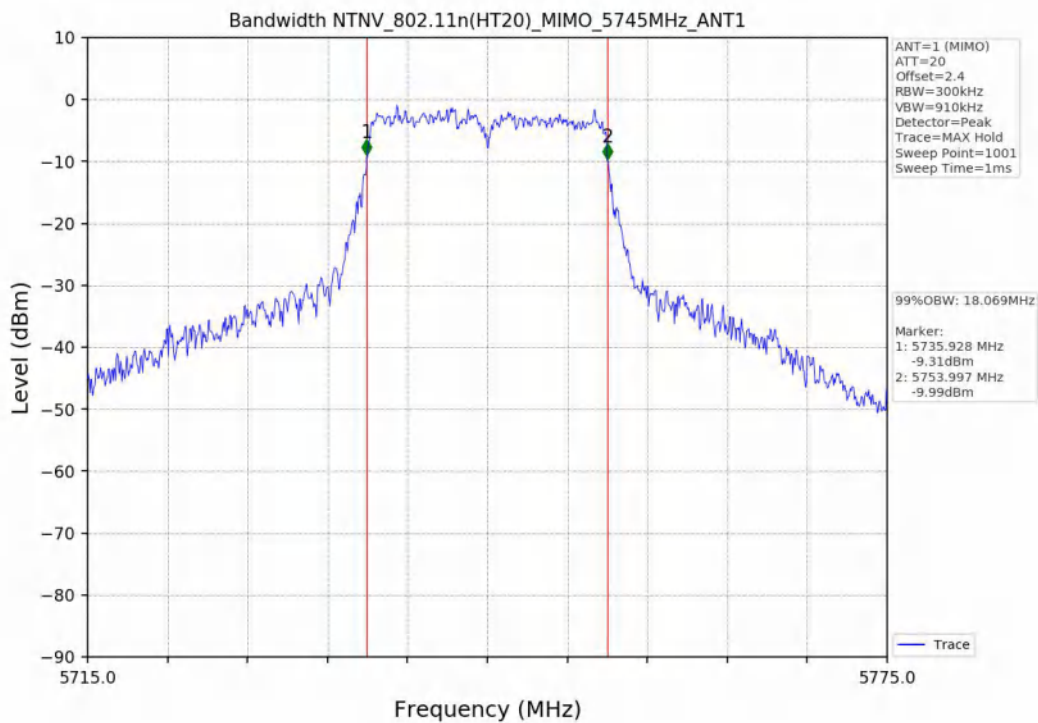
1.3 Test Graph - 99% Occupied Bandwidth

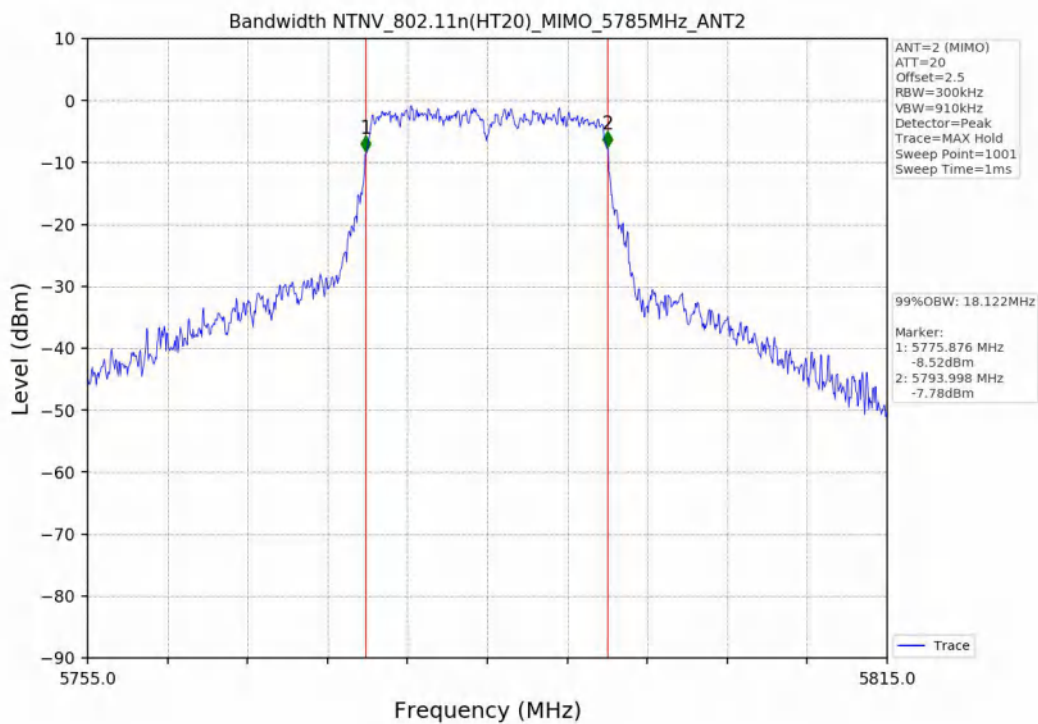
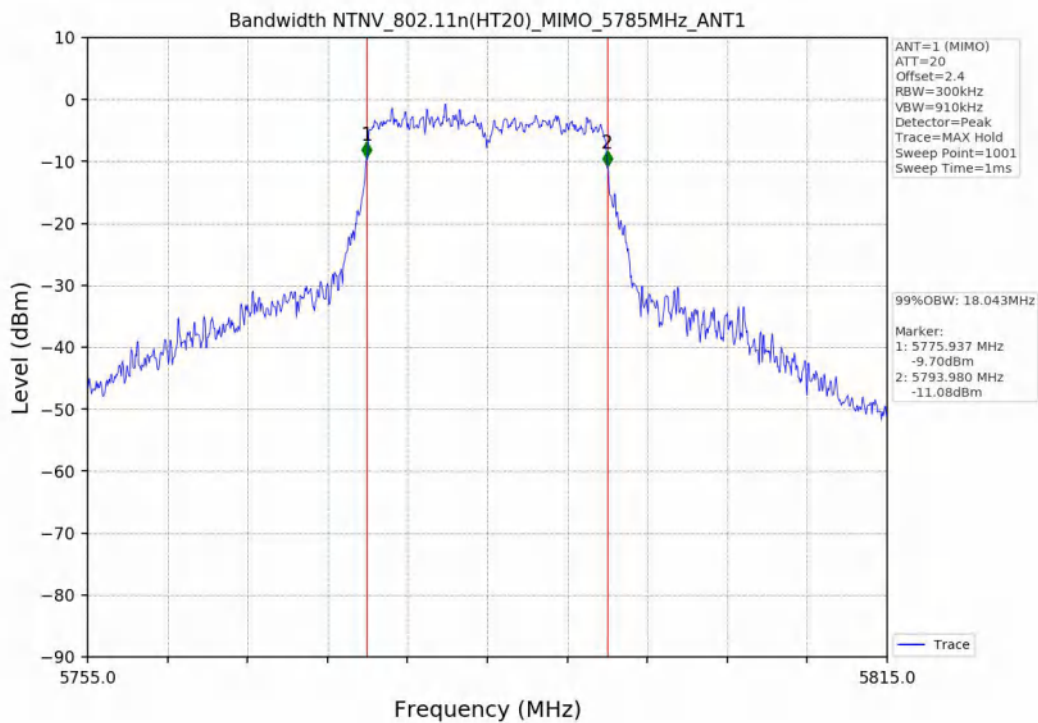


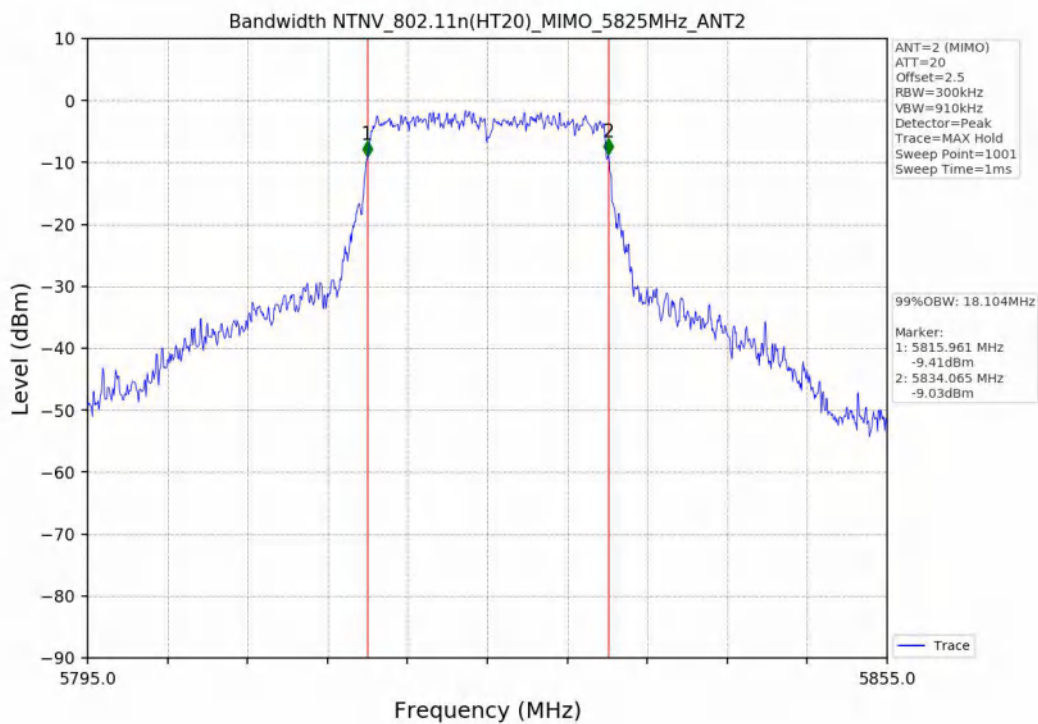
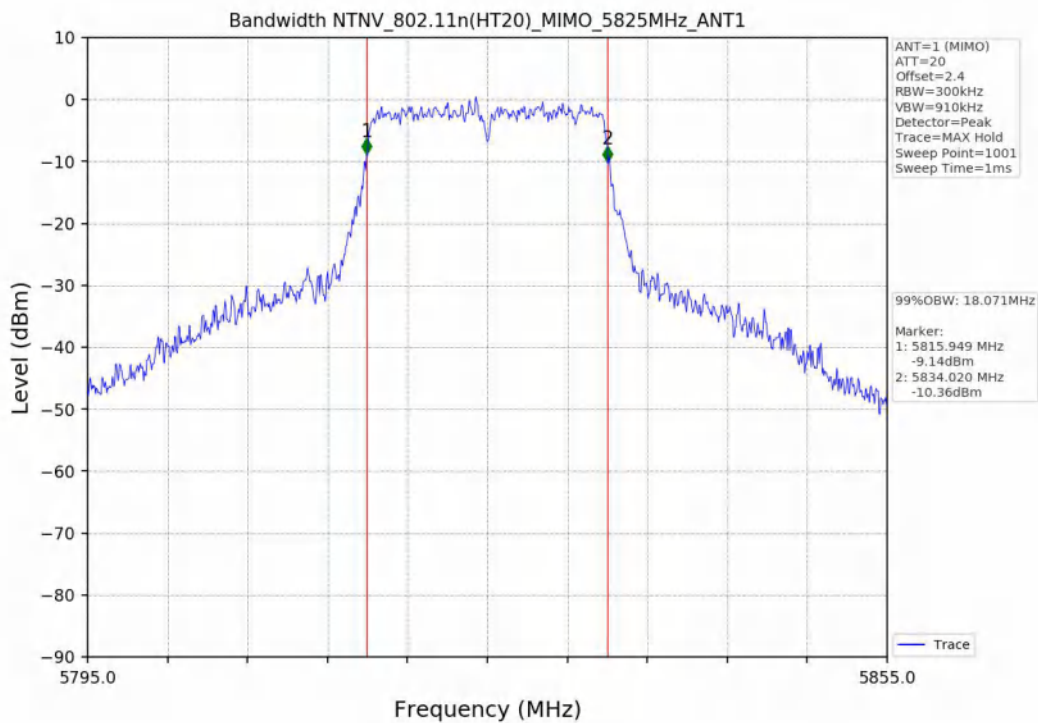


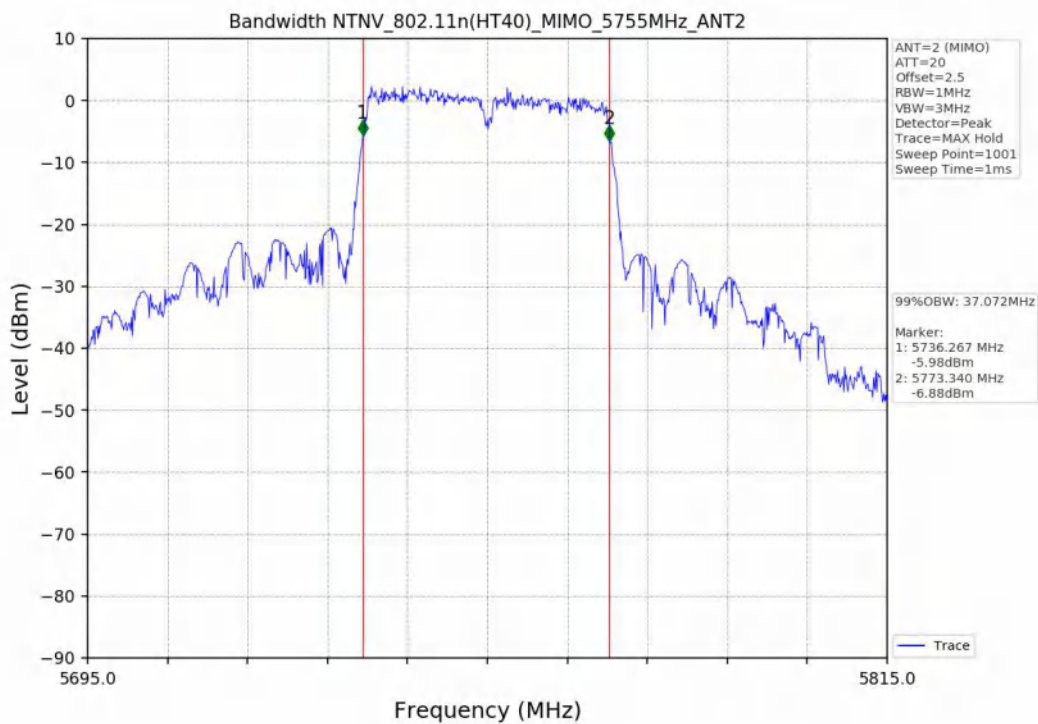
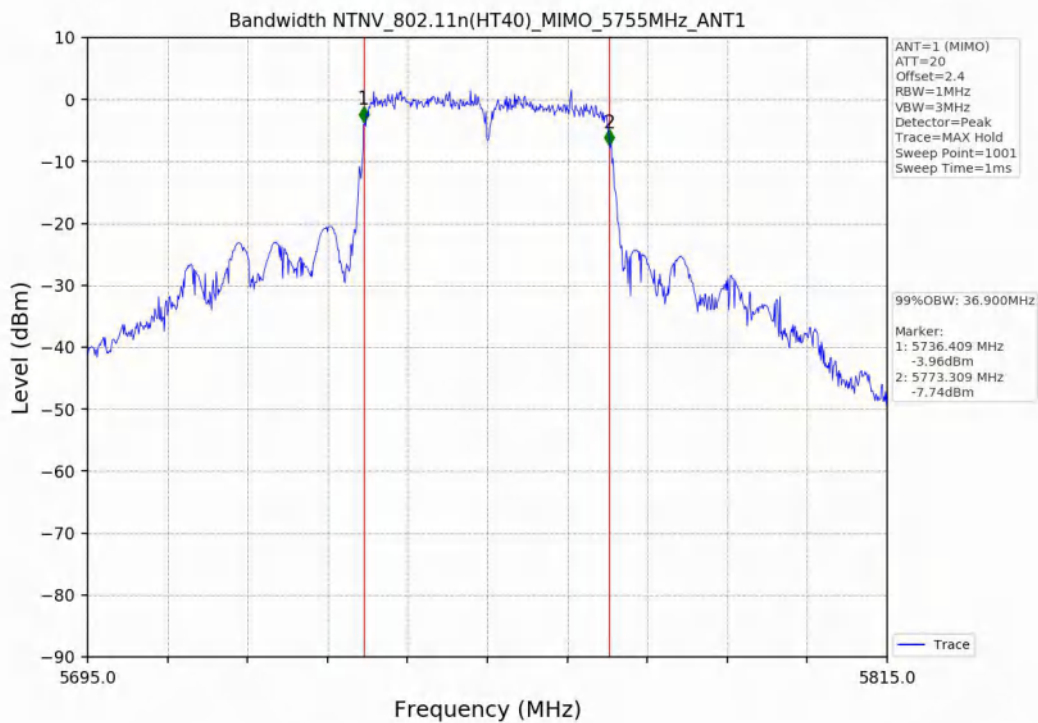


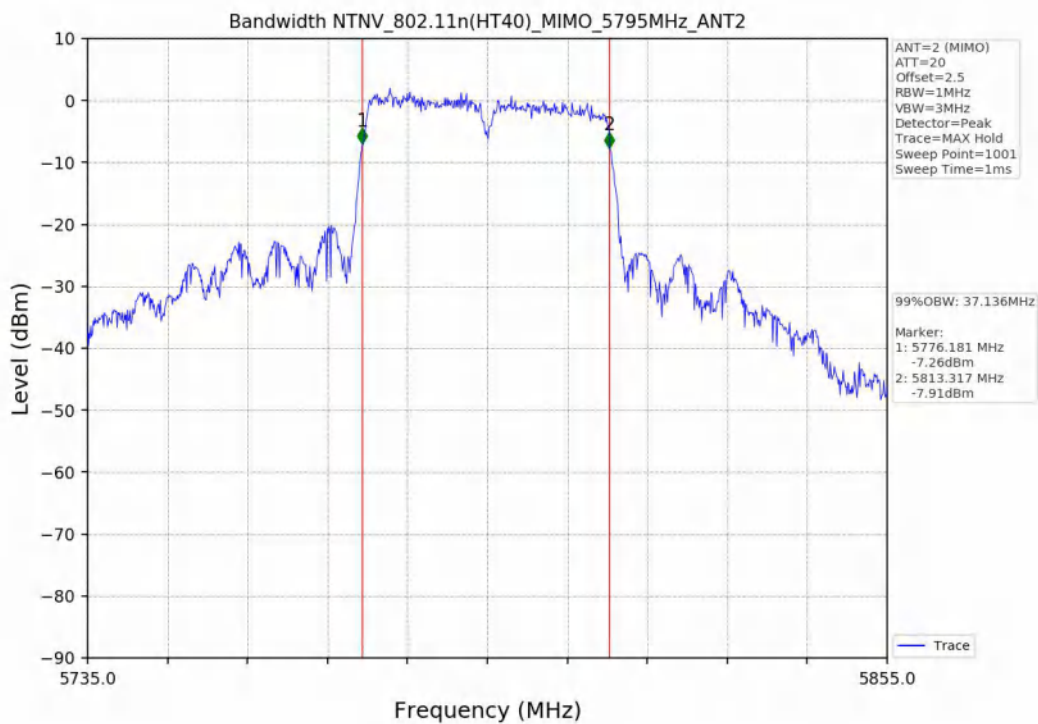
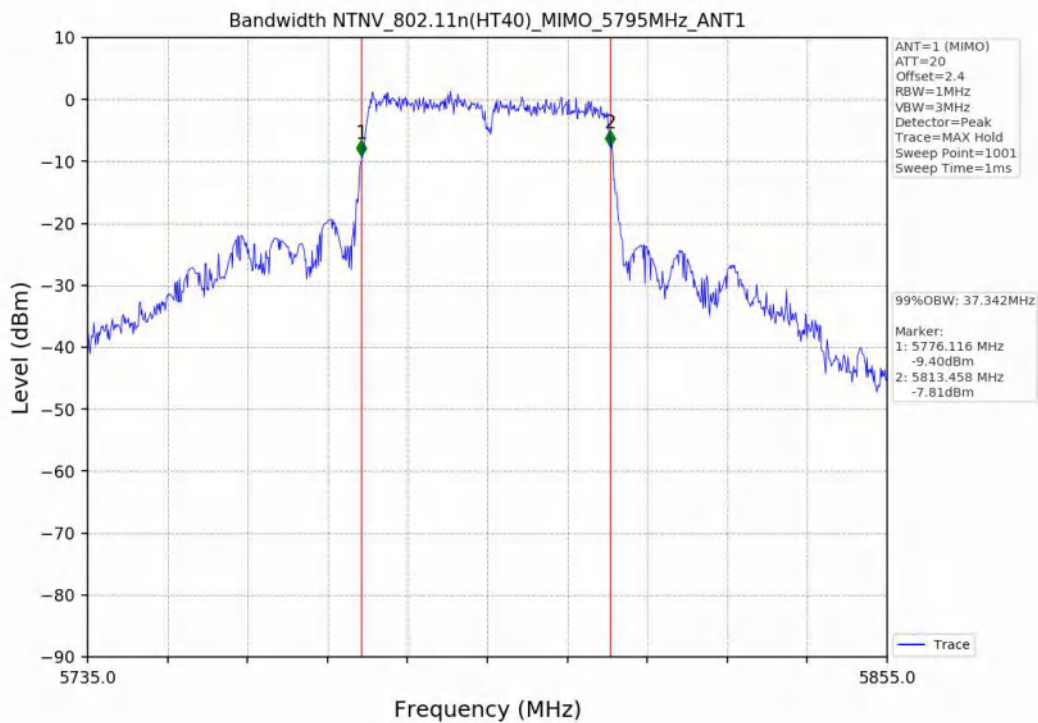


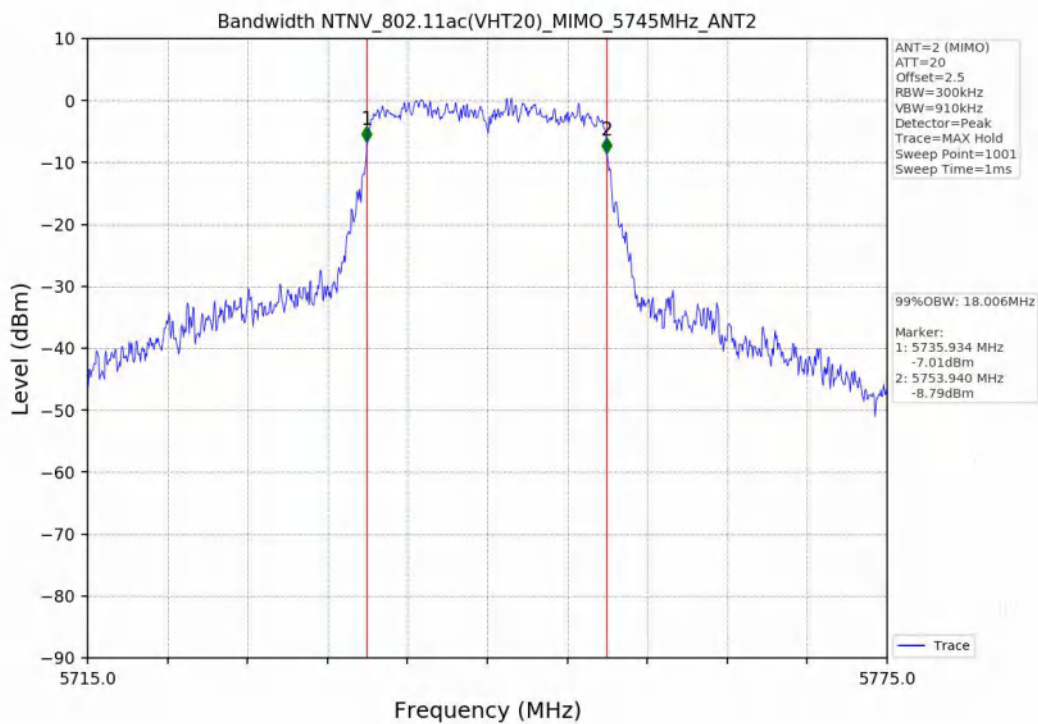
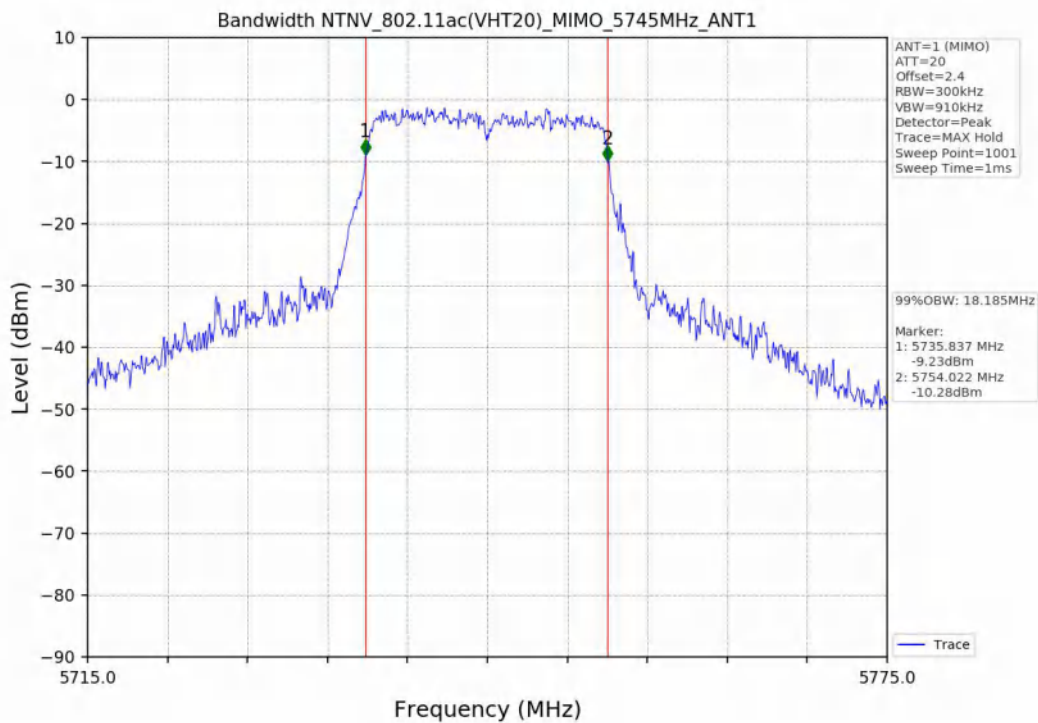


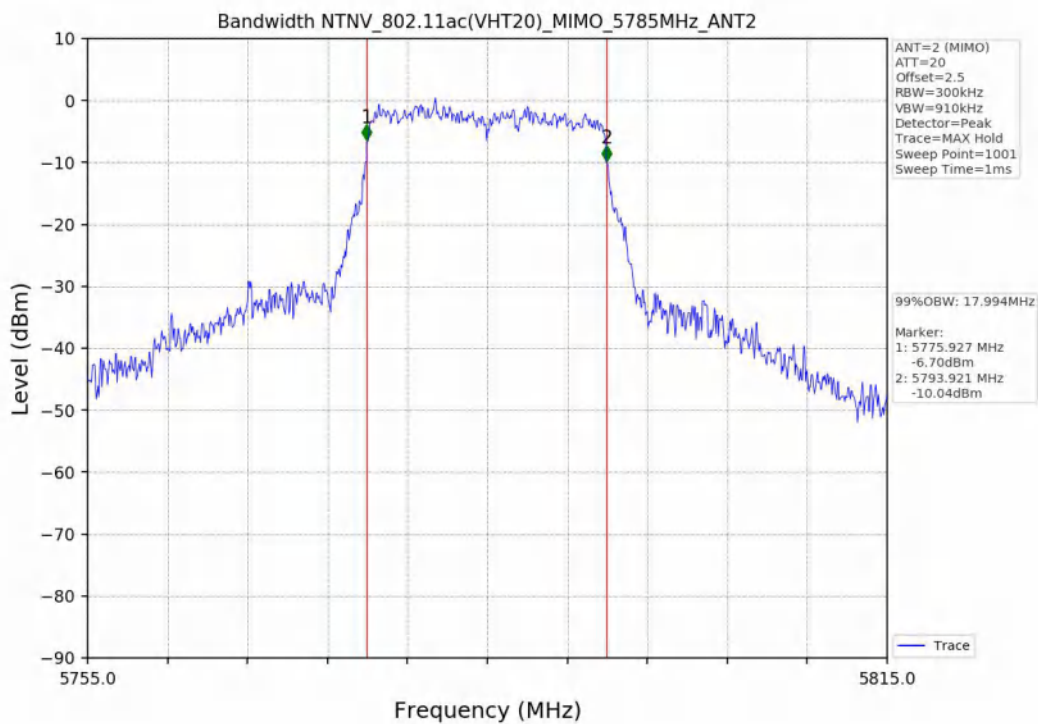
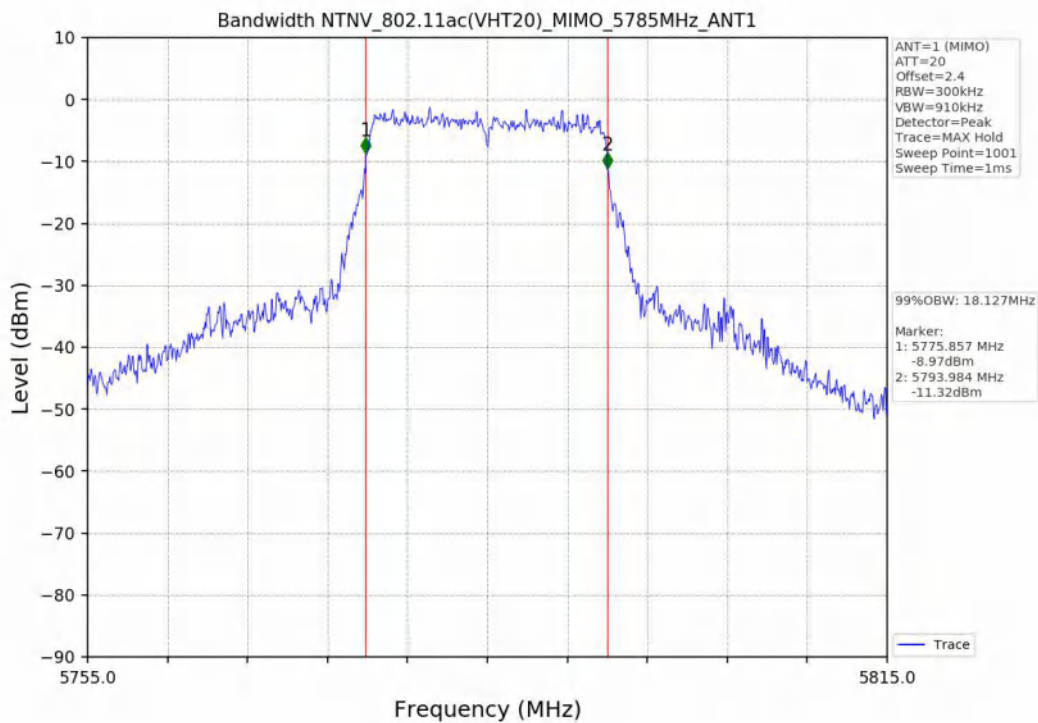


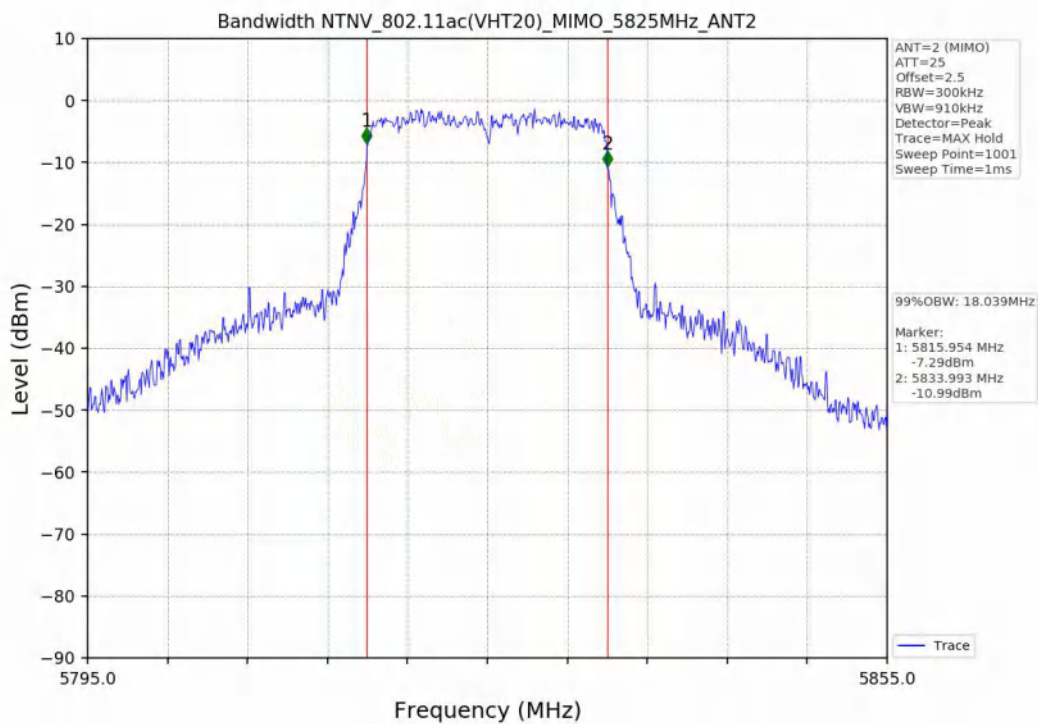
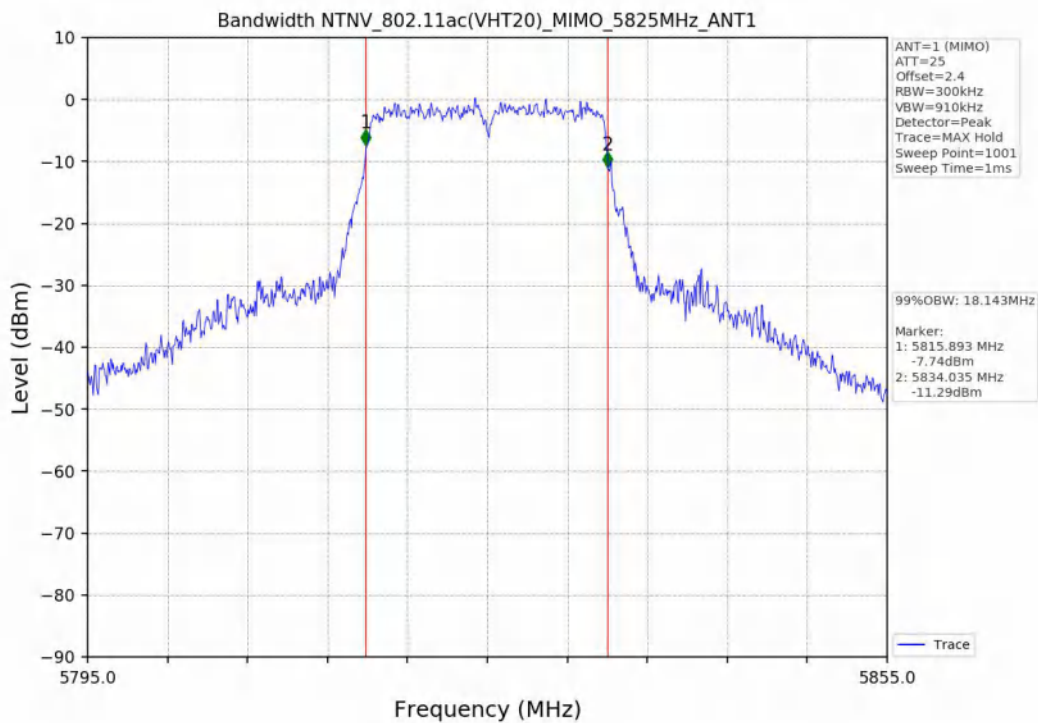


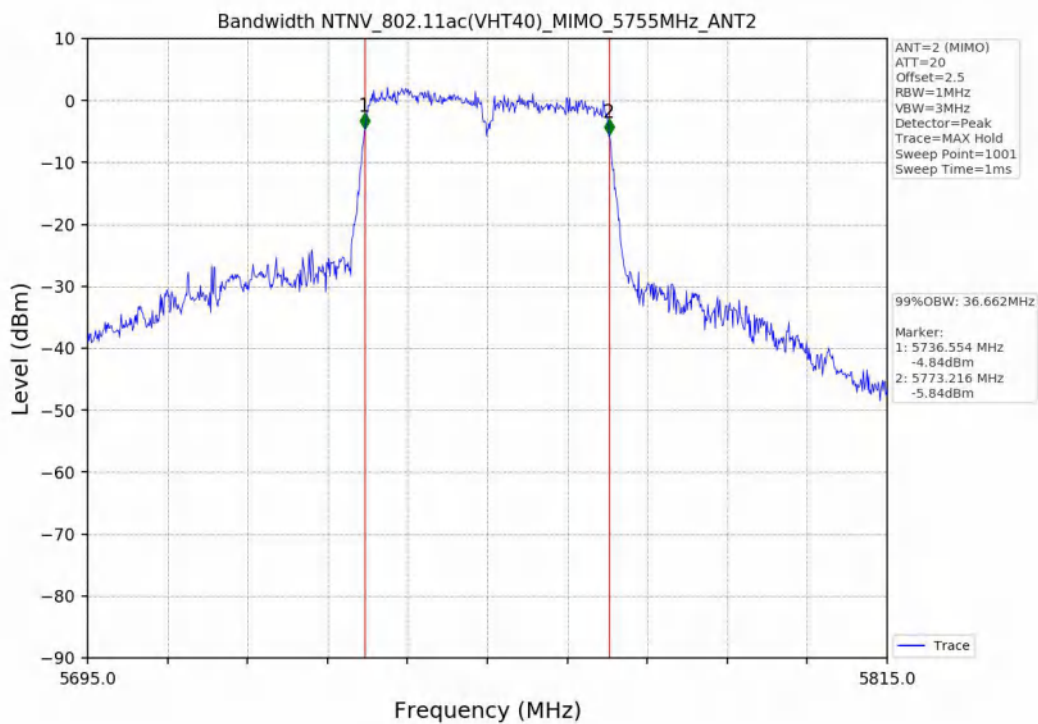
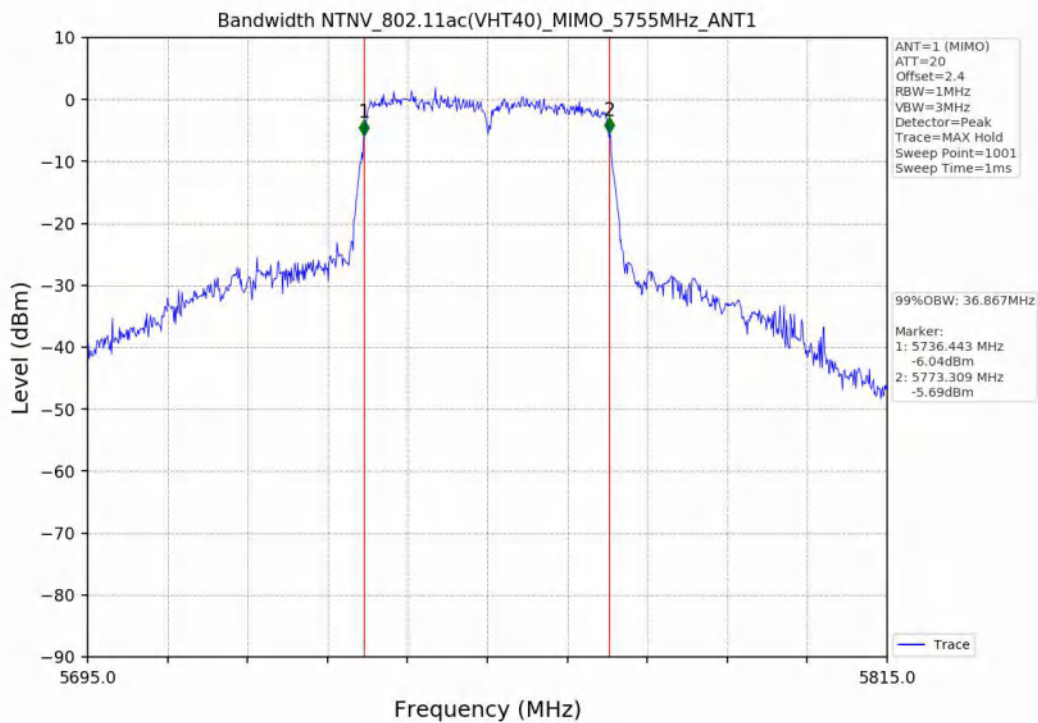


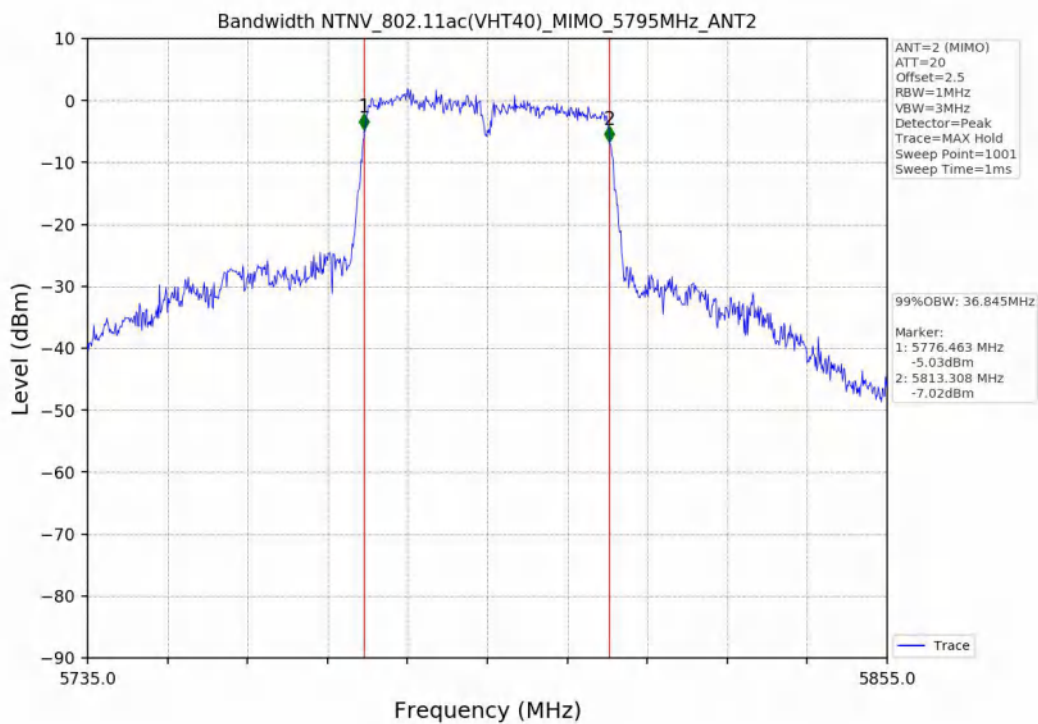
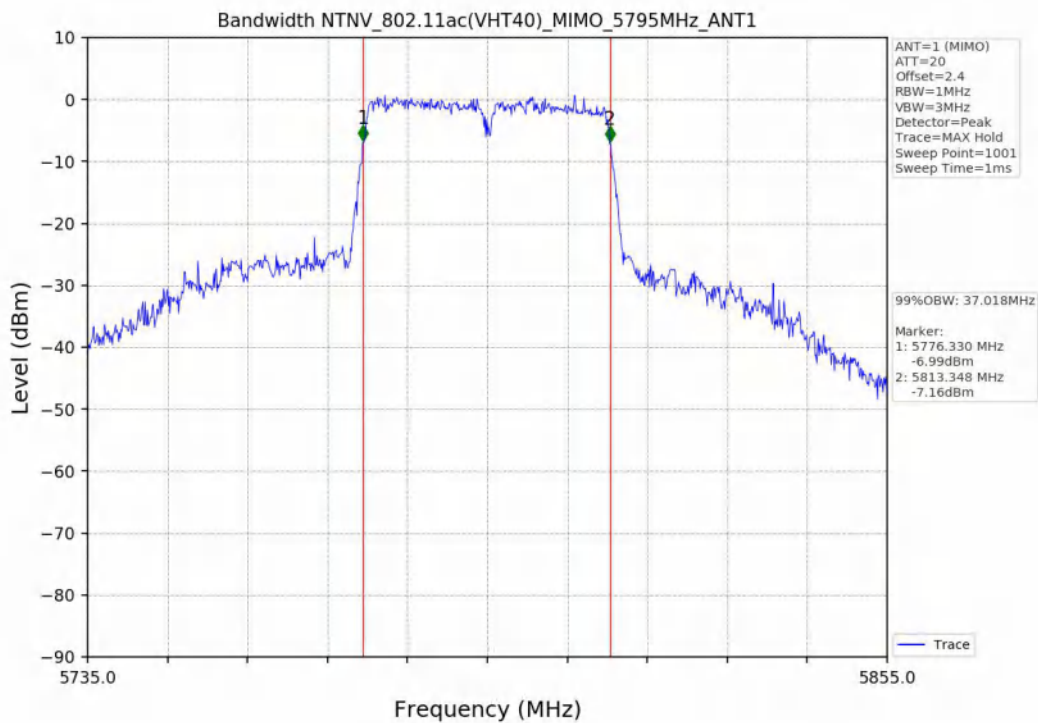


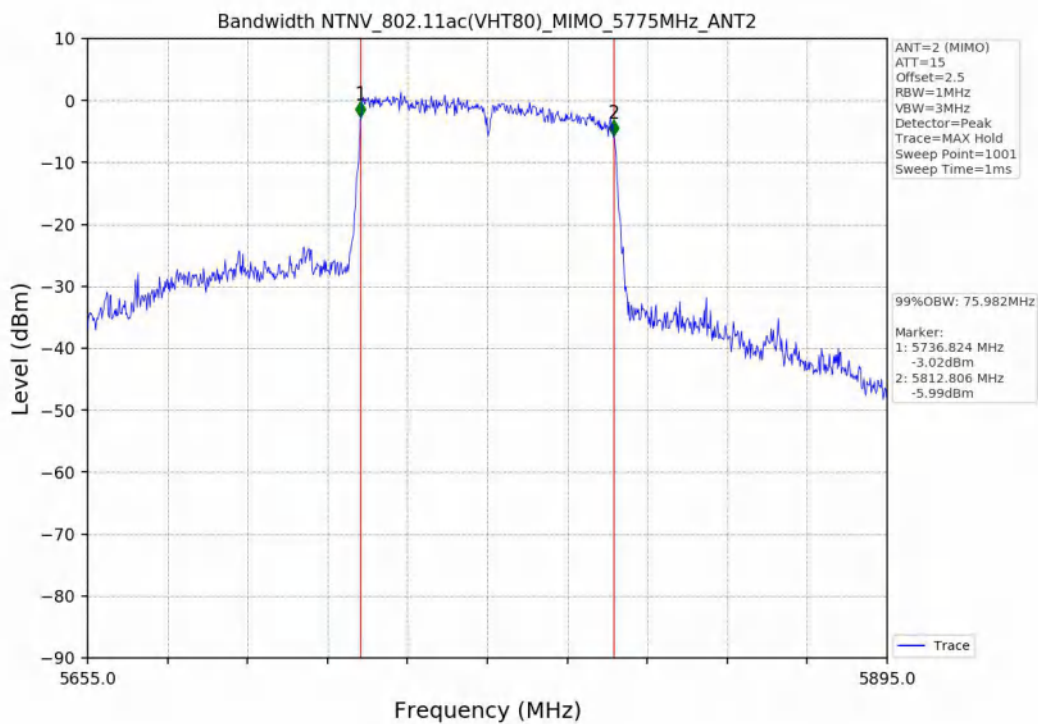
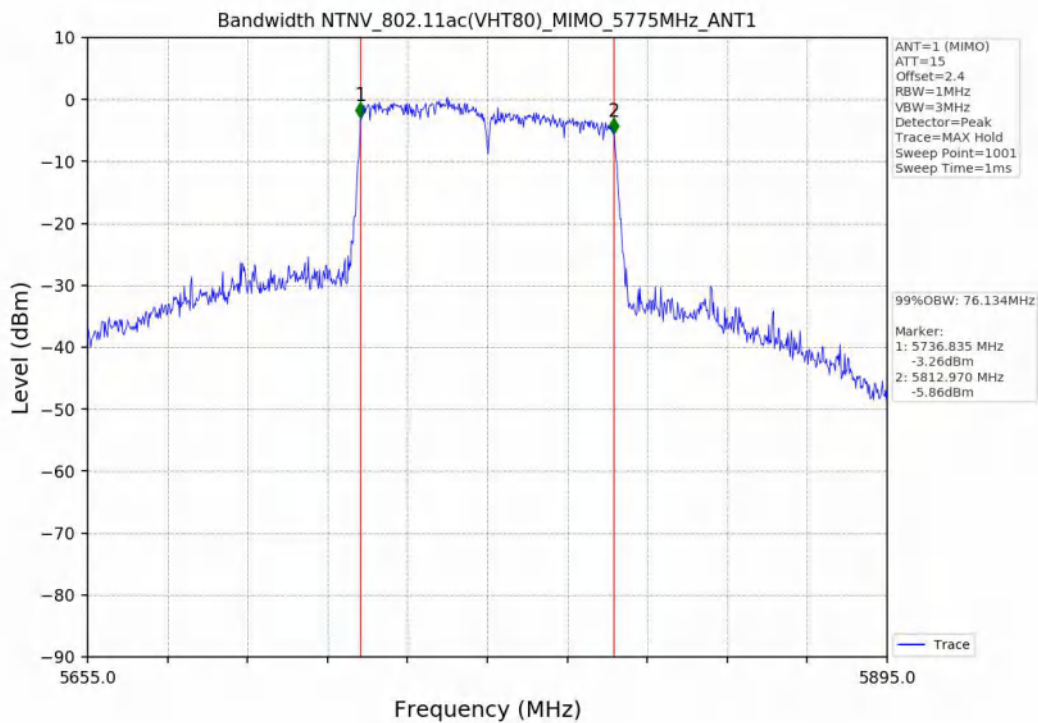










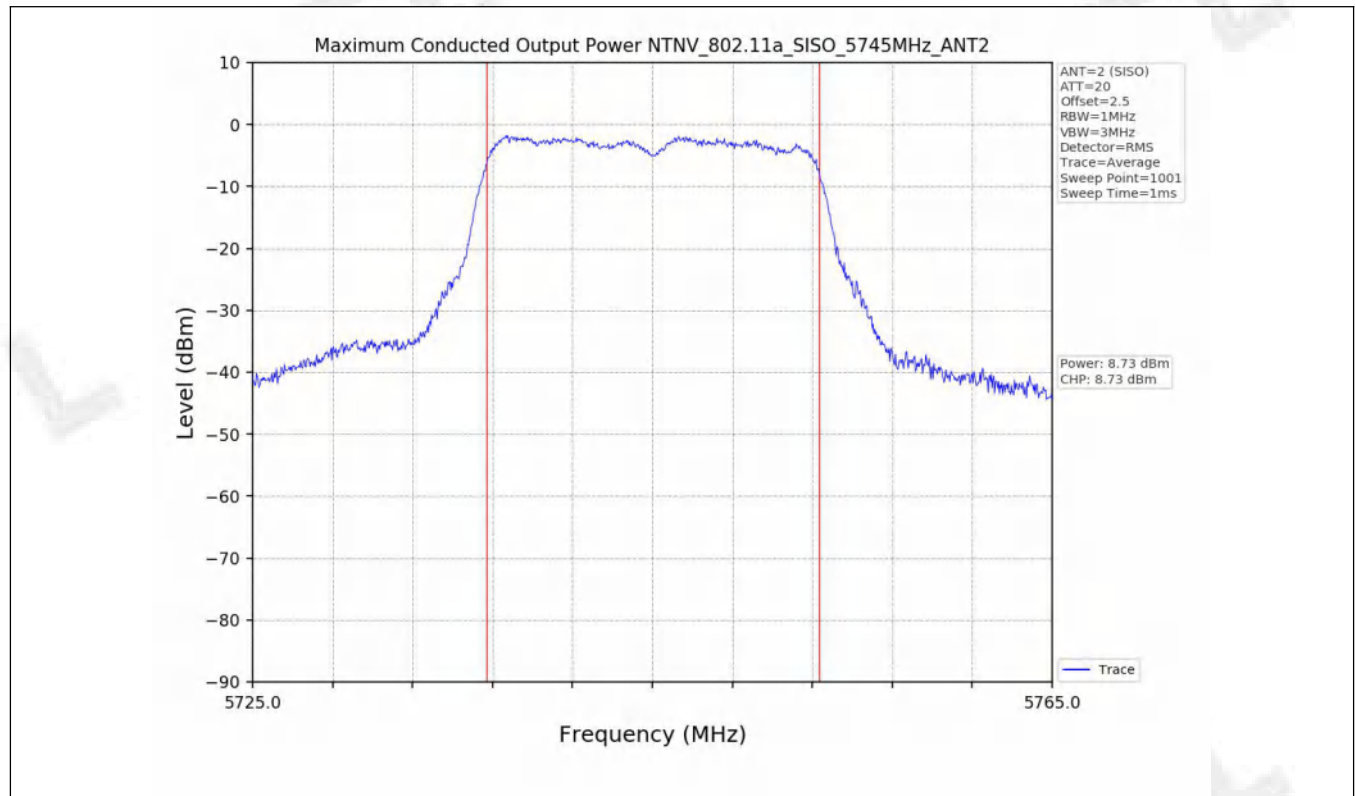


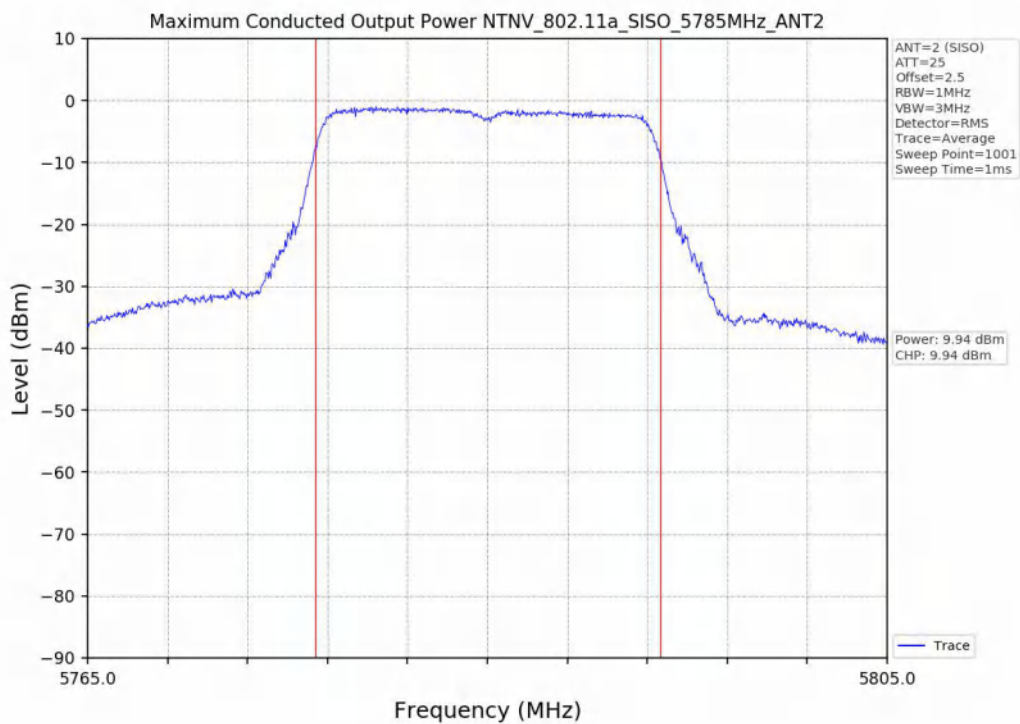
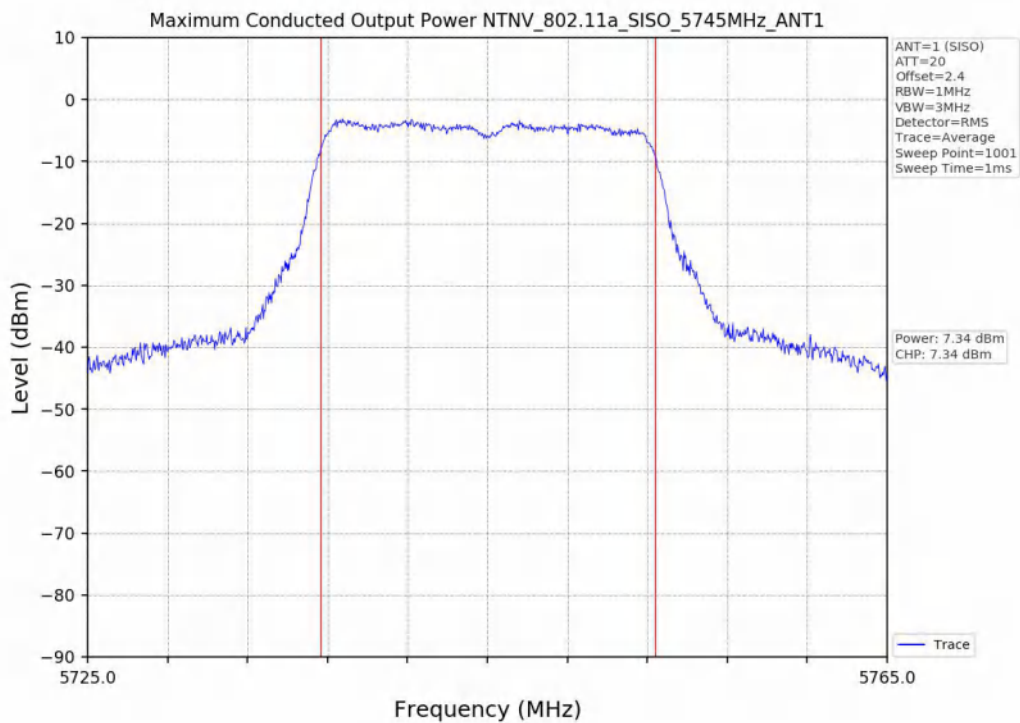
2. Maximum Conducted Output Power

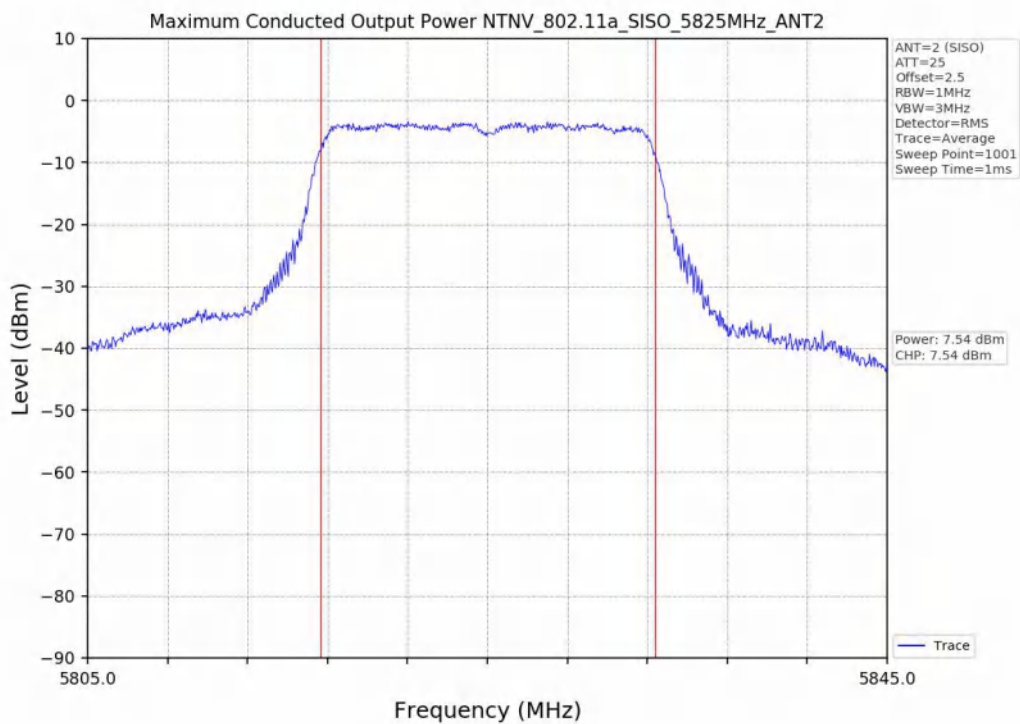
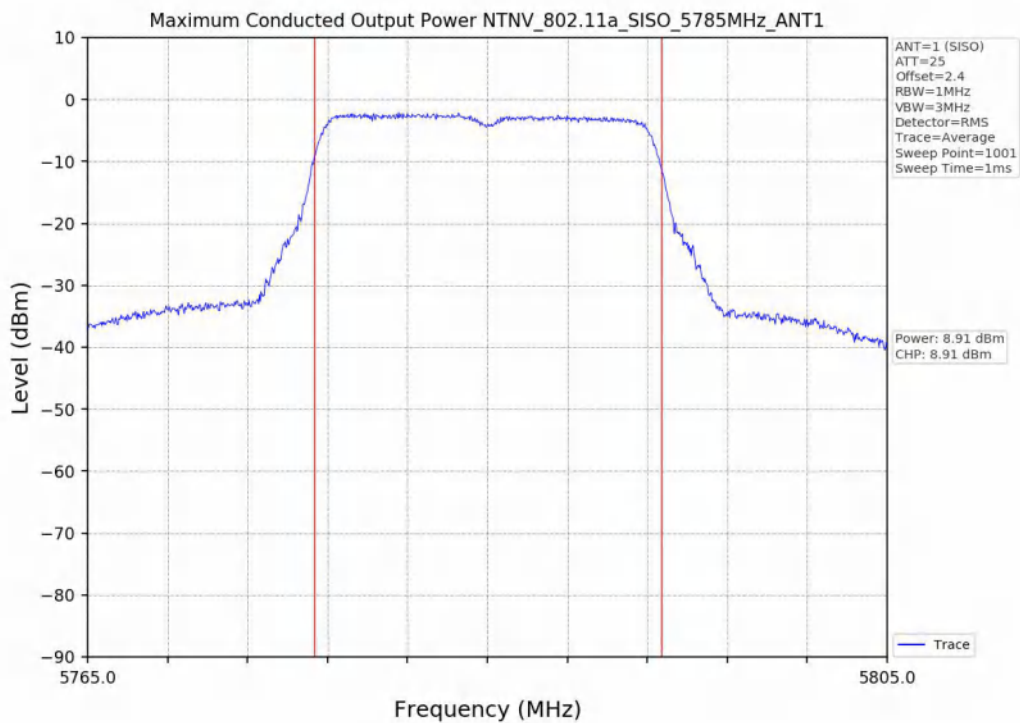
2.1 Test Result

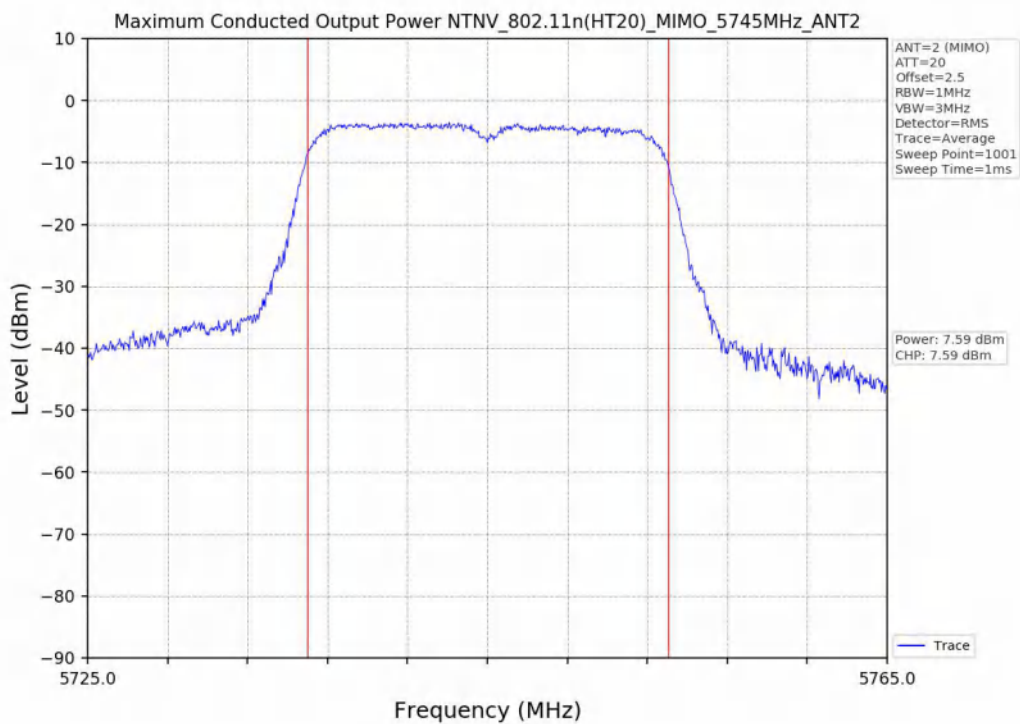
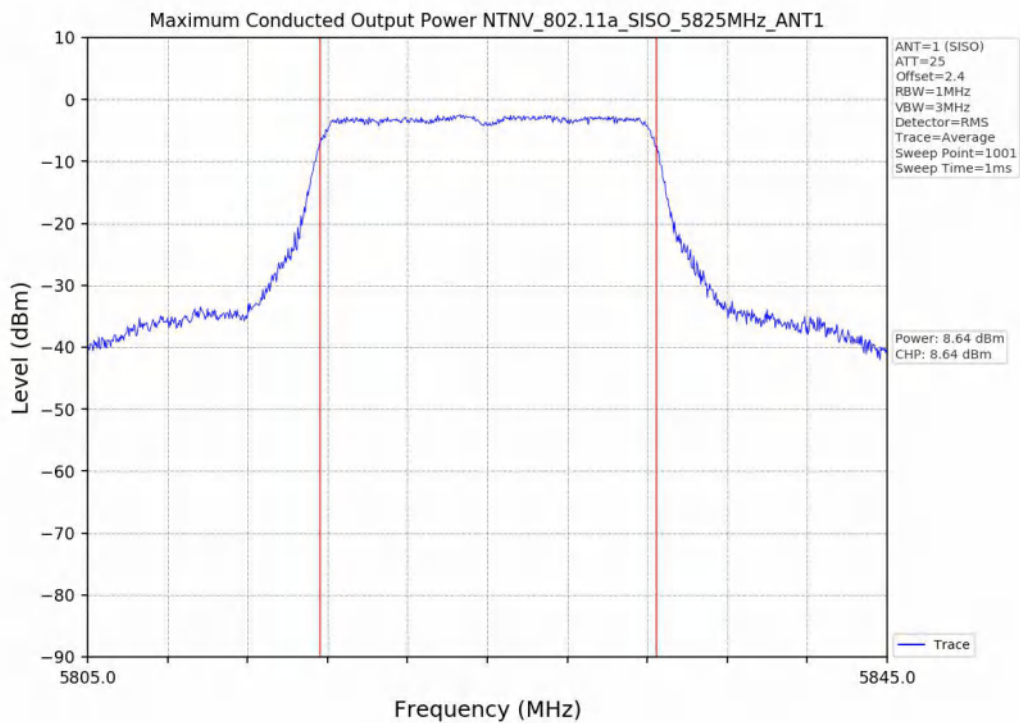
Test Mode	Frequency (MHz)	Tx Type	Measured Output Power (dBm)			Limit (dBm)	Verdict
			Ant 2	Ant 1	Total		
802.11a	5745	SISO	8.73	7.34	/	≤30.00	PASS
	5785	SISO	9.94	8.91	/	≤30.00	PASS
	5825	SISO	7.54	8.64	/	≤30.00	PASS
802.11n(HT20)	5745	MIMO	7.59	6.30	10.00	≤30.00	PASS
	5785	MIMO	6.91	6.03	9.50	≤30.00	PASS
	5825	MIMO	6.37	7.55	10.01	≤30.00	PASS
802.11n(HT40)	5755	MIMO	6.30	5.47	8.92	≤30.00	PASS
	5795	MIMO	5.69	5.58	8.65	≤30.00	PASS
802.11ac(VHT 20)	5745	MIMO	7.72	6.39	10.12	≤30.00	PASS
	5785	MIMO	6.90	6.09	9.52	≤30.00	PASS
	5825	MIMO	6.42	7.78	10.16	≤30.00	PASS
802.11ac(VHT 40)	5755	MIMO	6.37	5.51	8.97	≤30.00	PASS
	5795	MIMO	5.77	5.61	8.70	≤30.00	PASS
802.11ac(VHT 80)	5775	MIMO	8.44	7.69	11.09	≤30.00	PASS

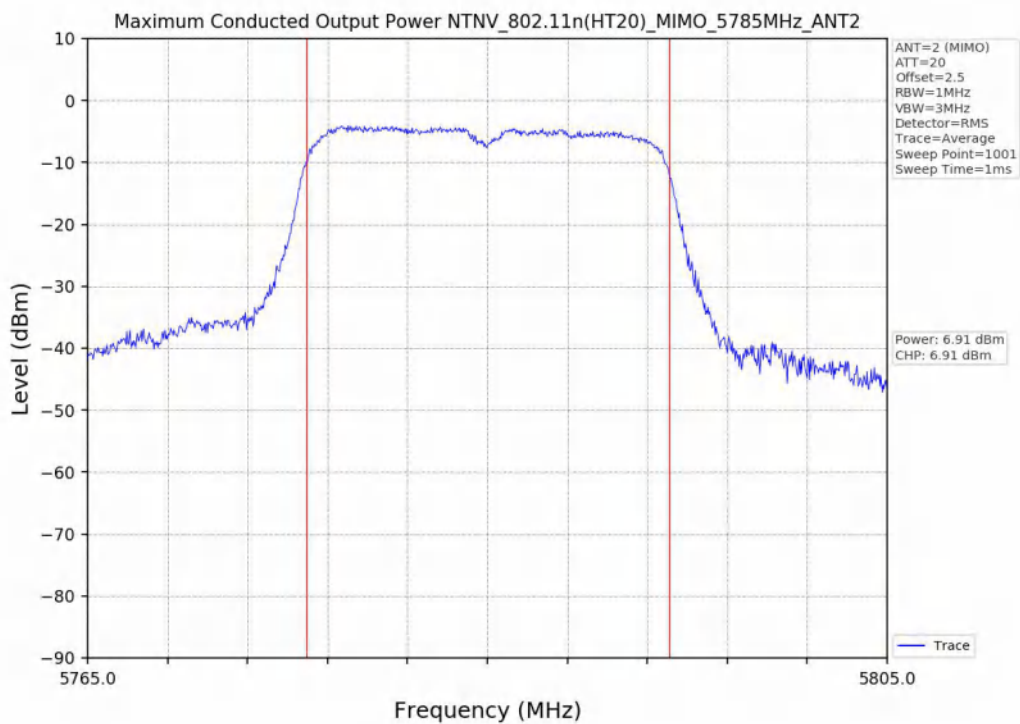
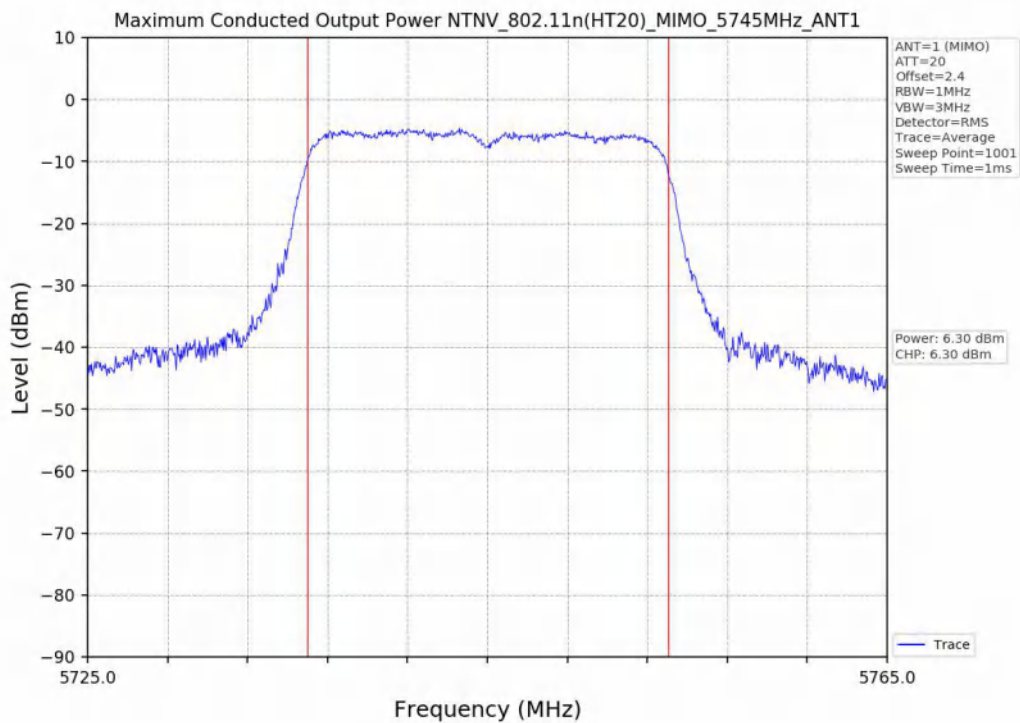
2.2 Test Graph

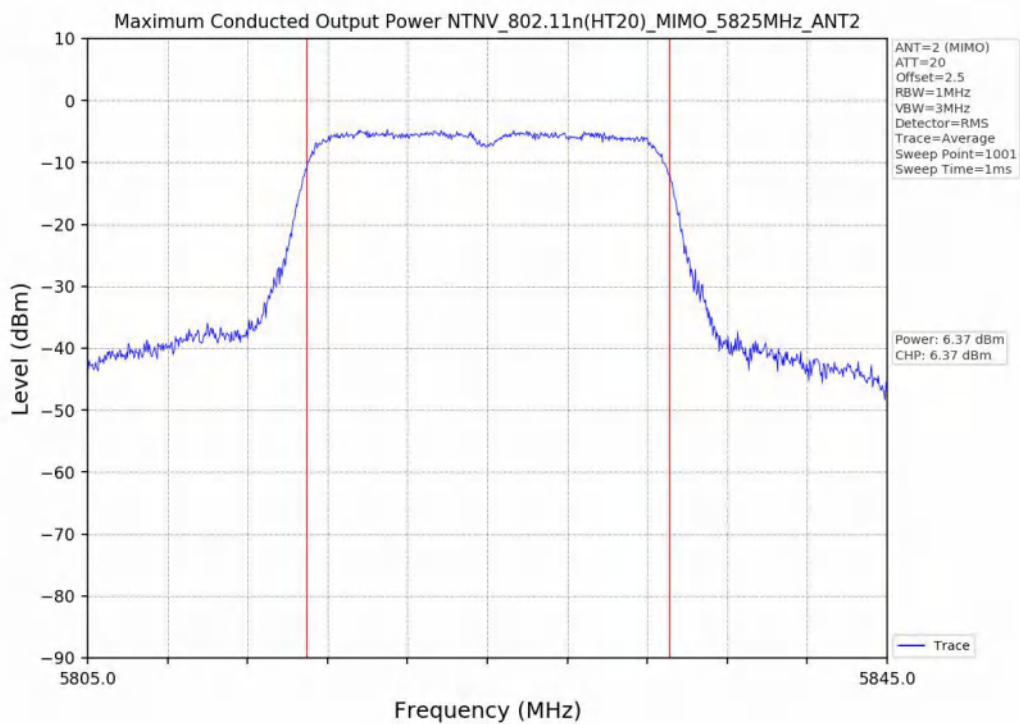
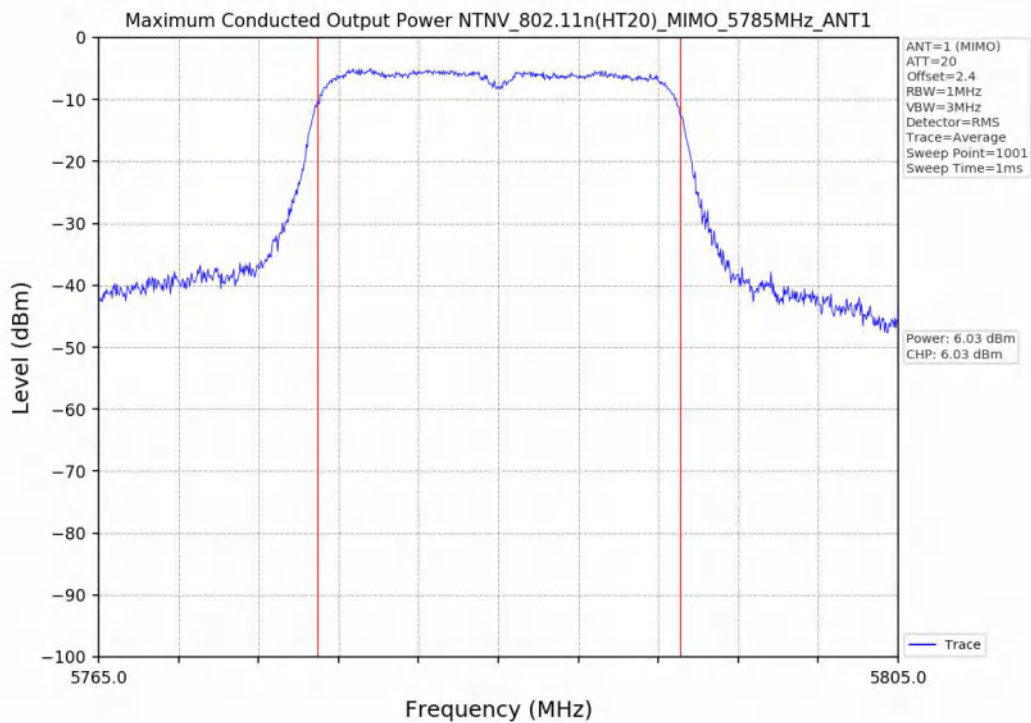


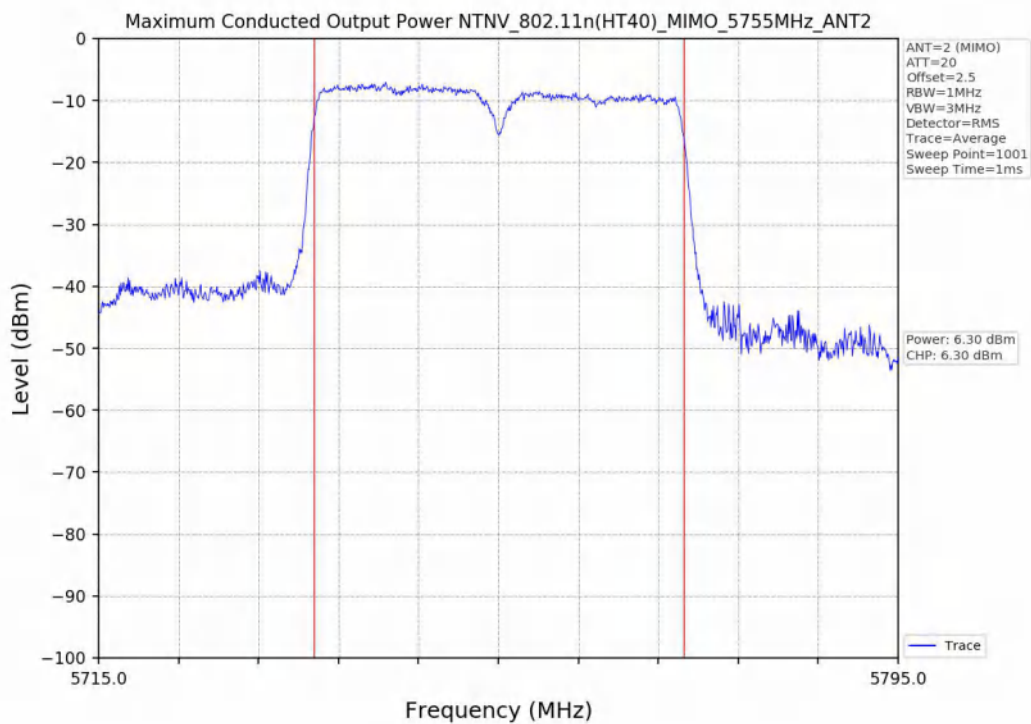
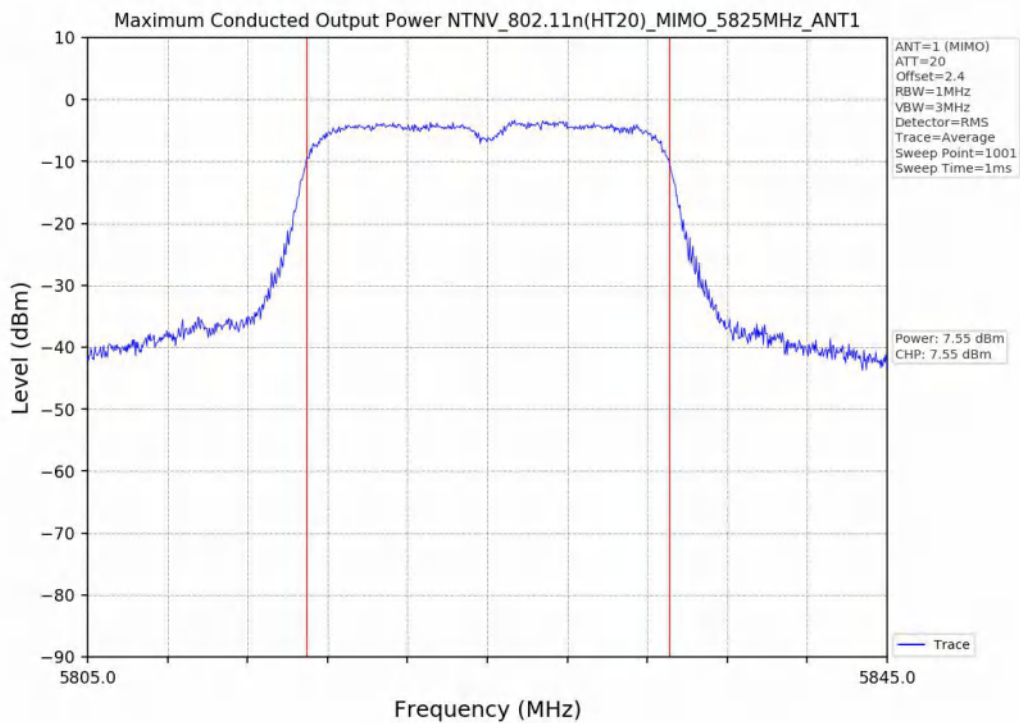


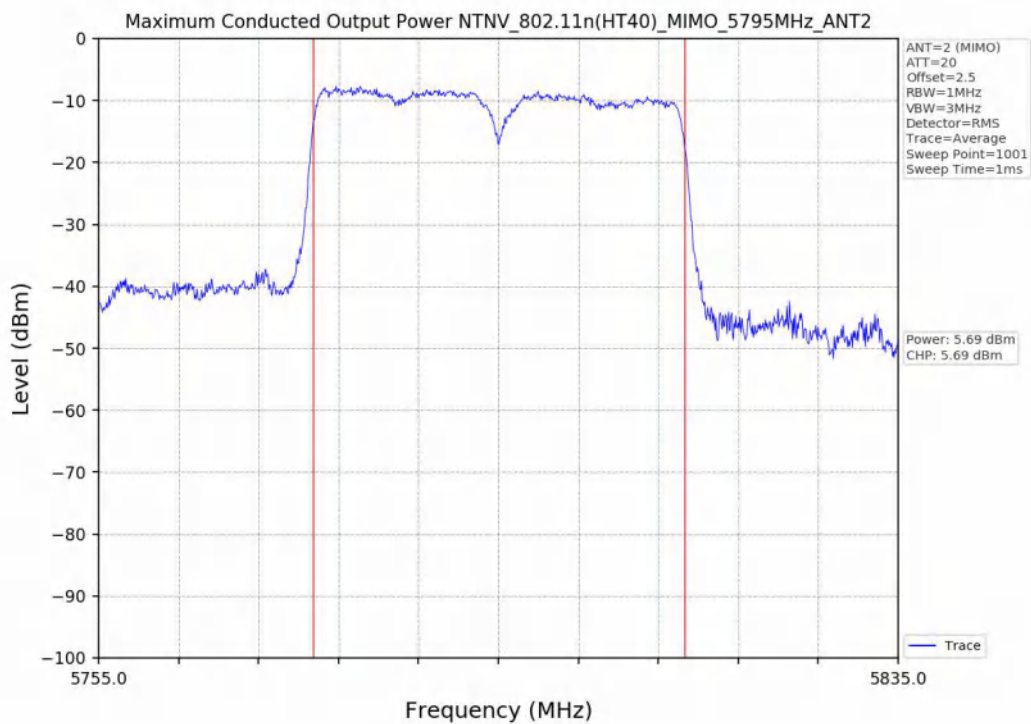
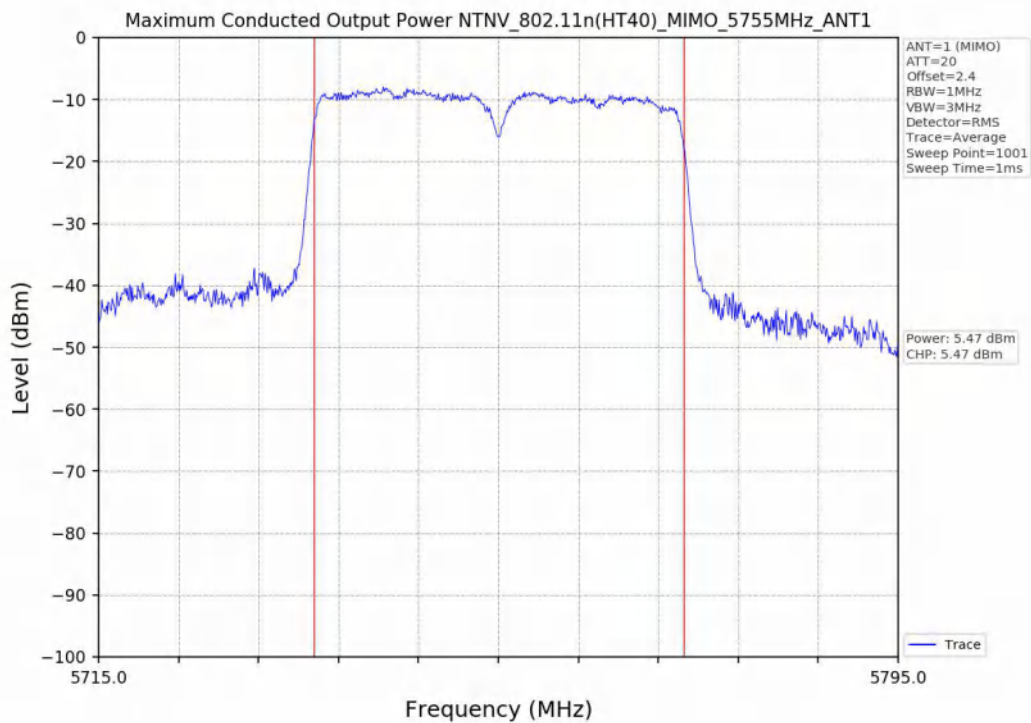


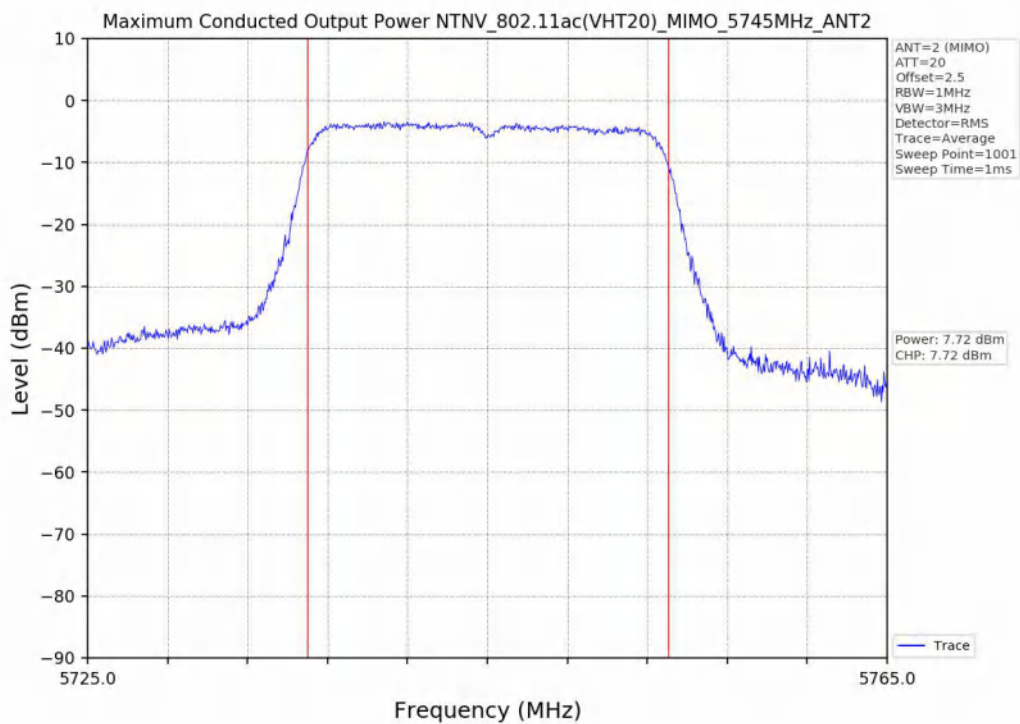
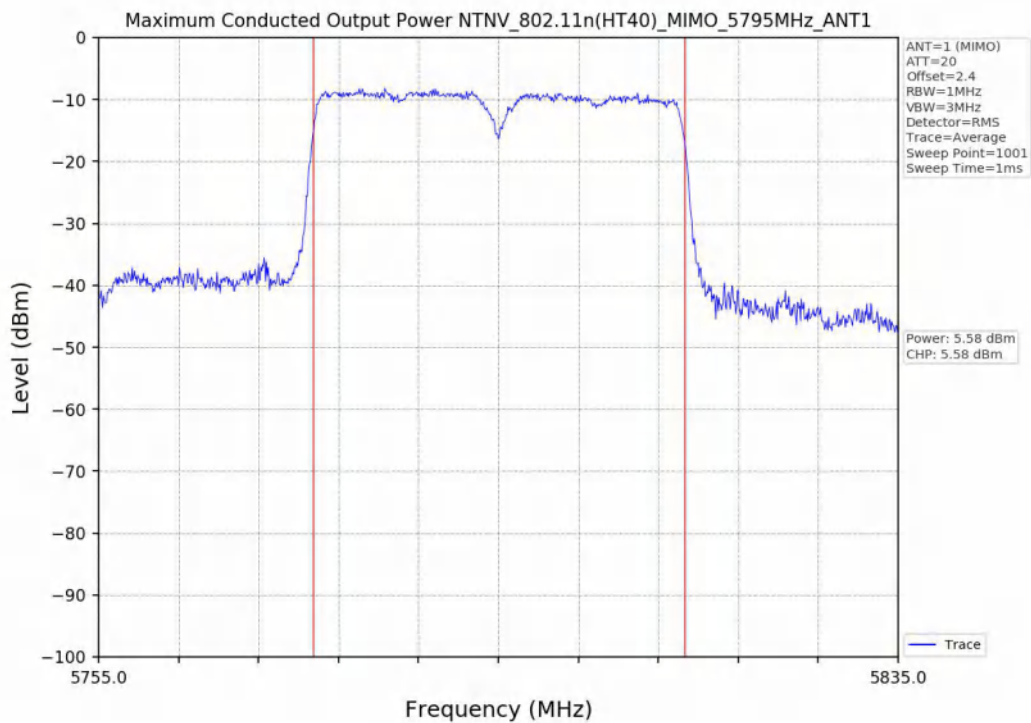


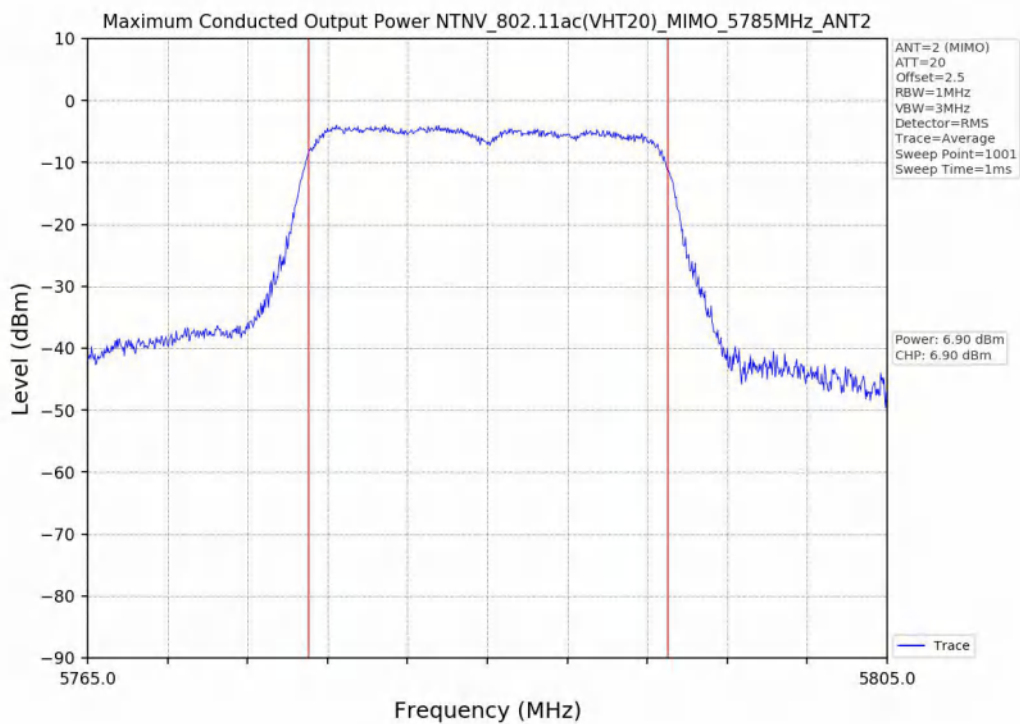
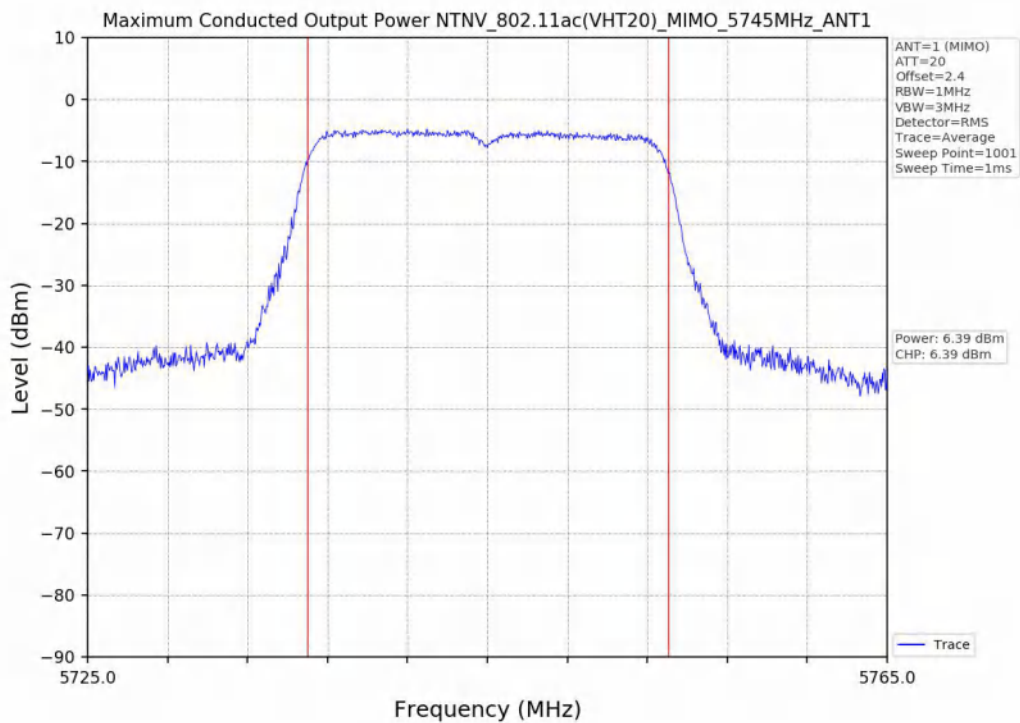


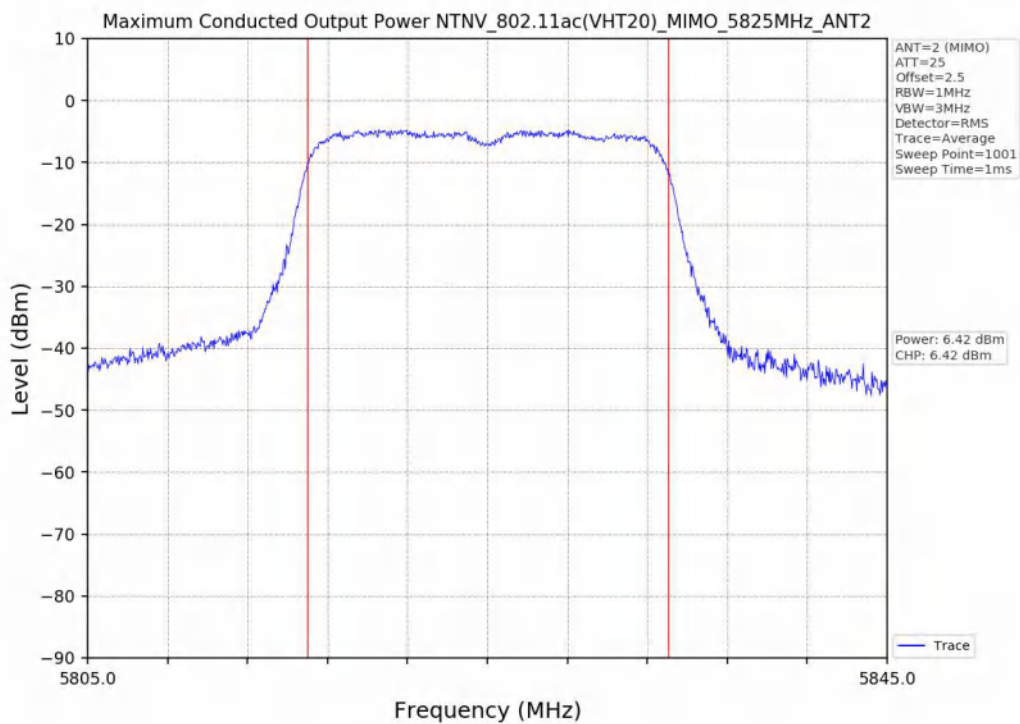
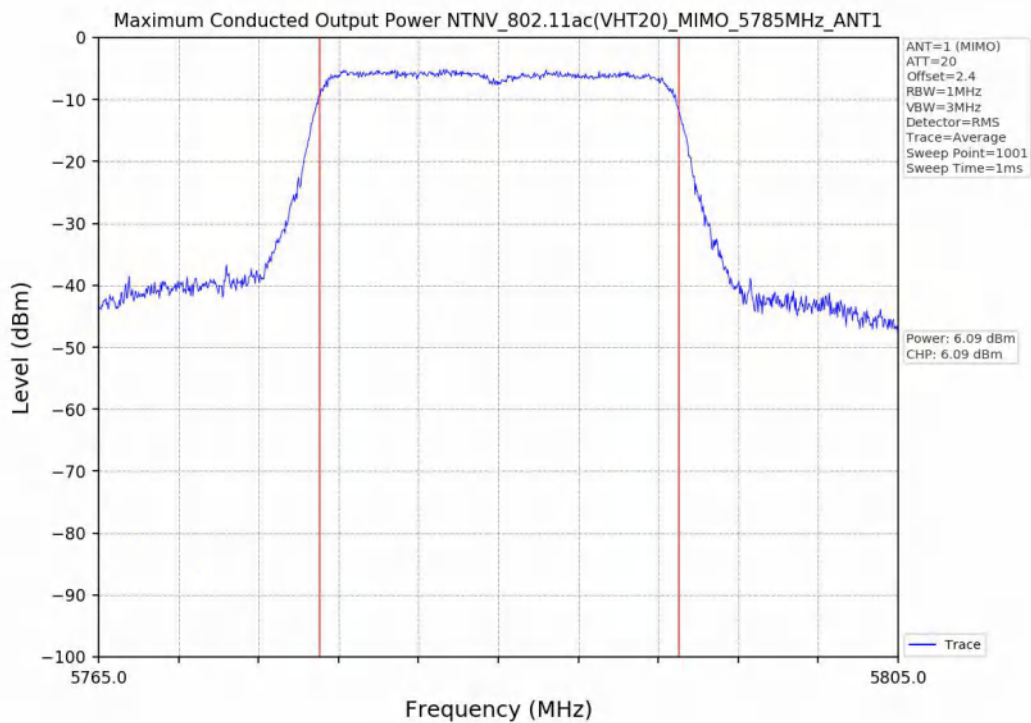


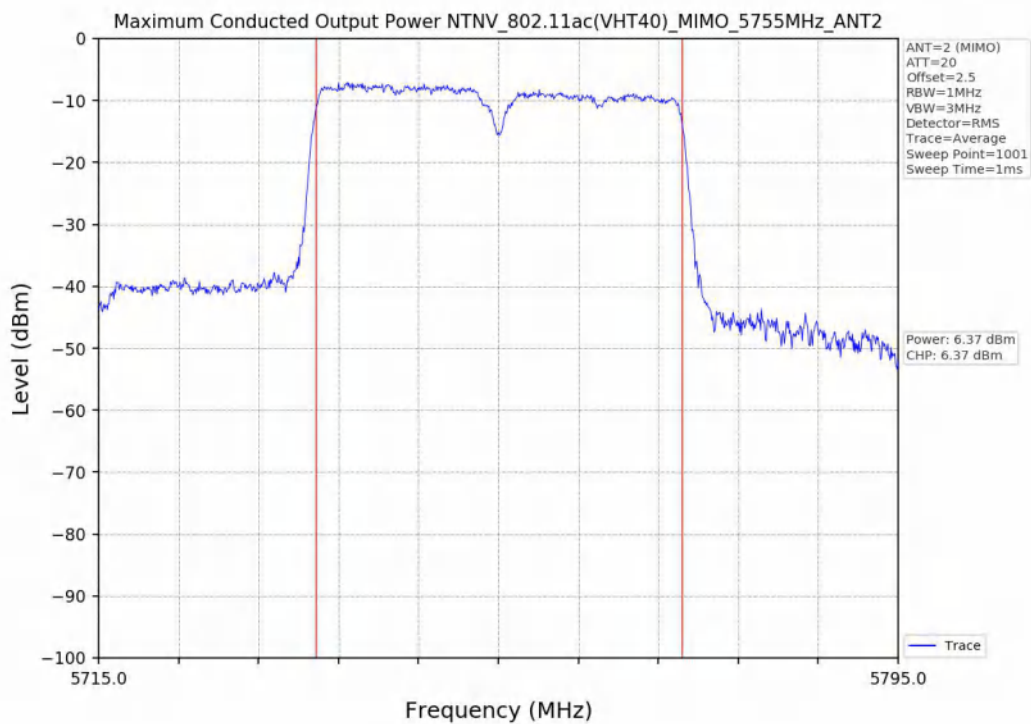
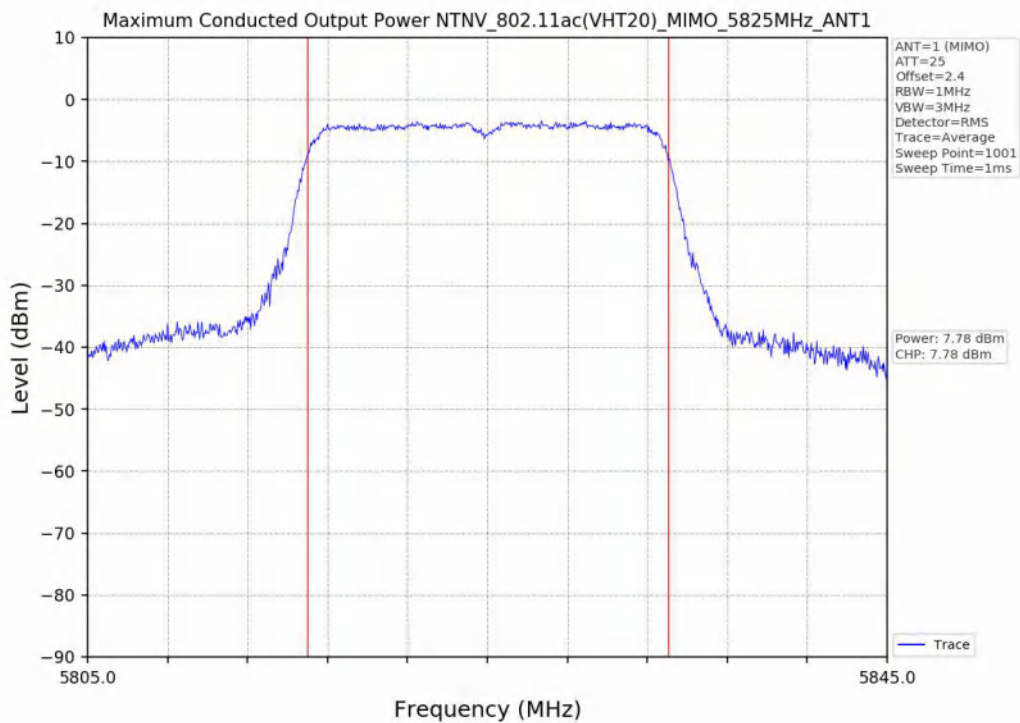


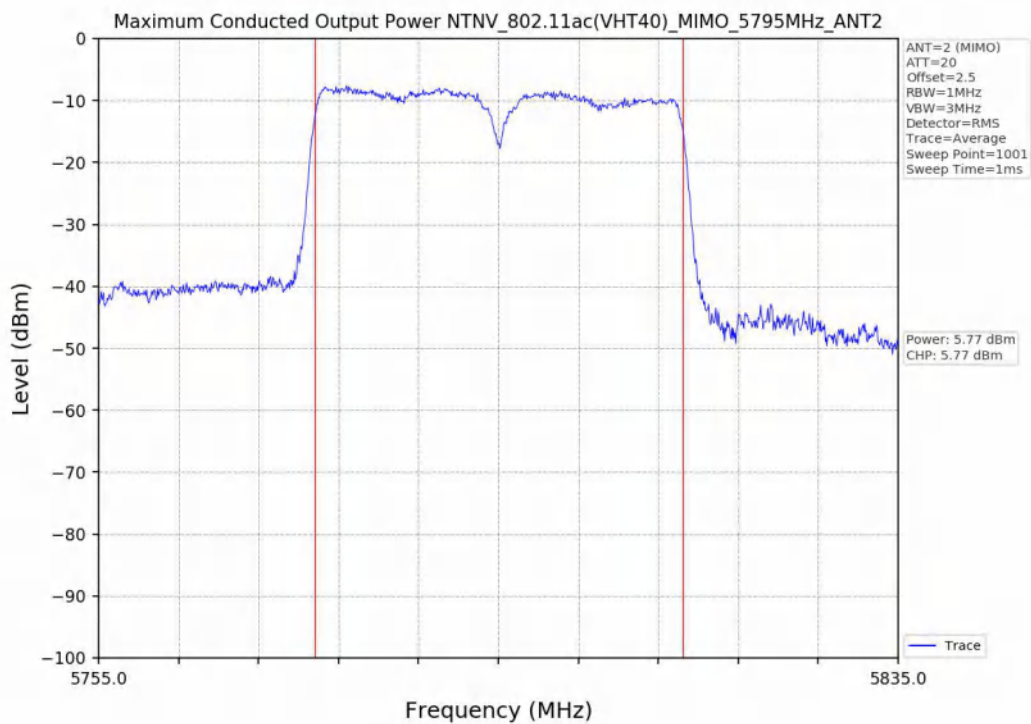
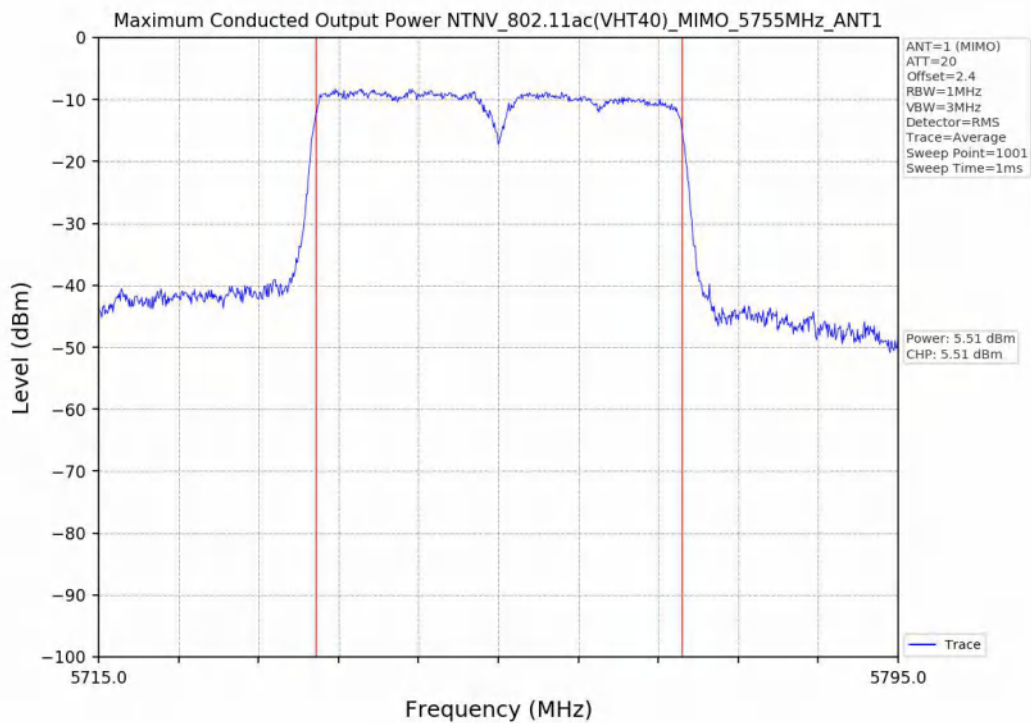


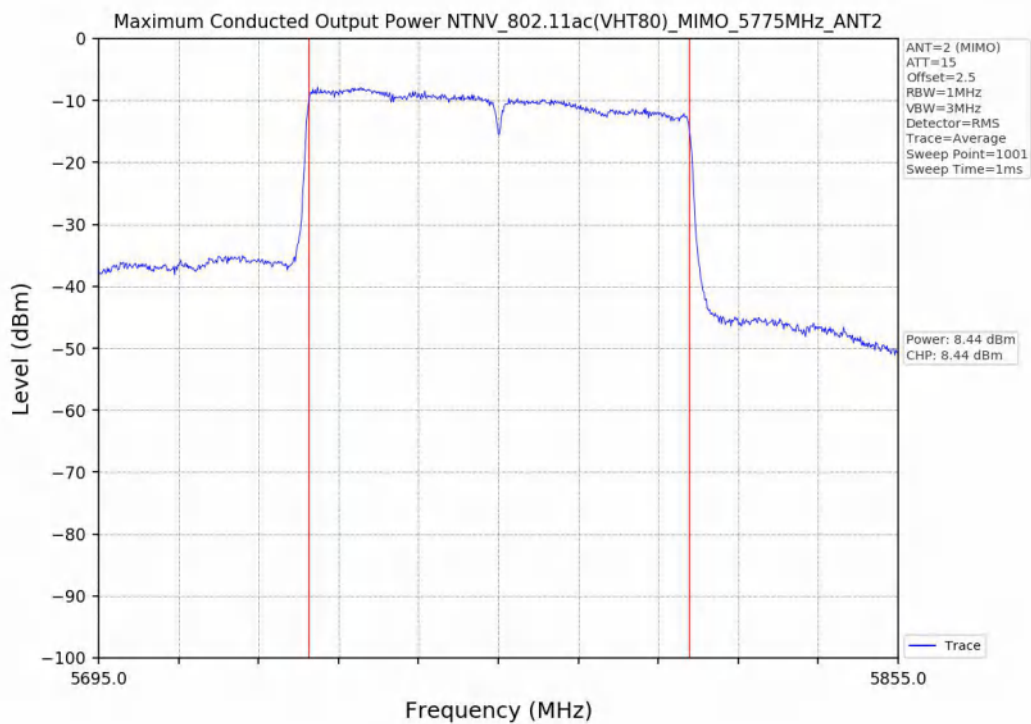
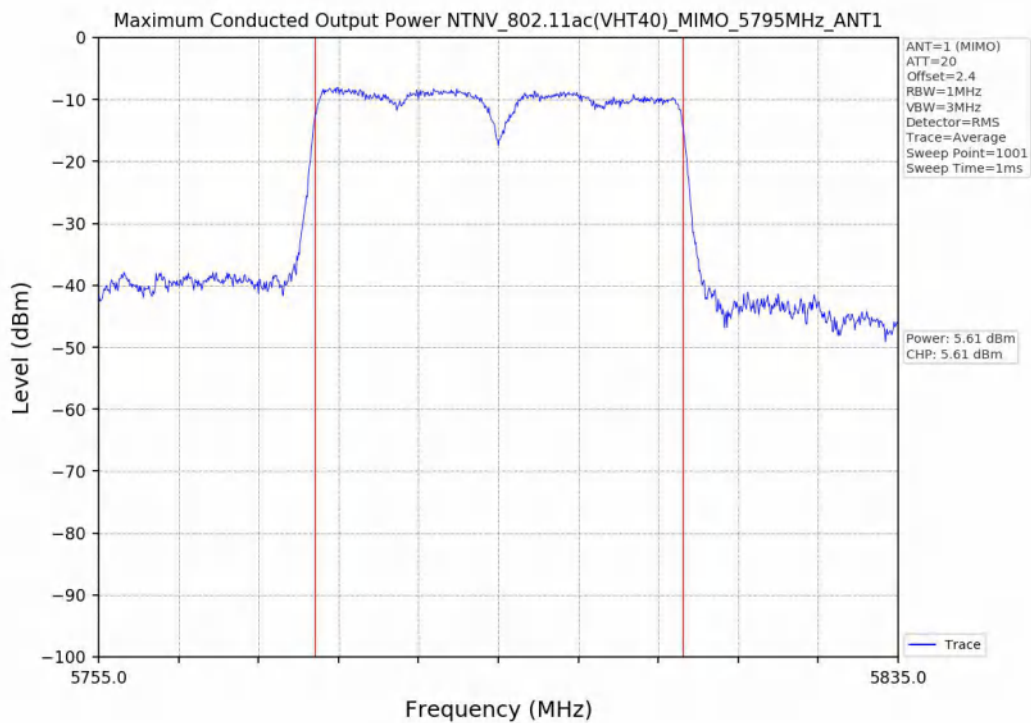


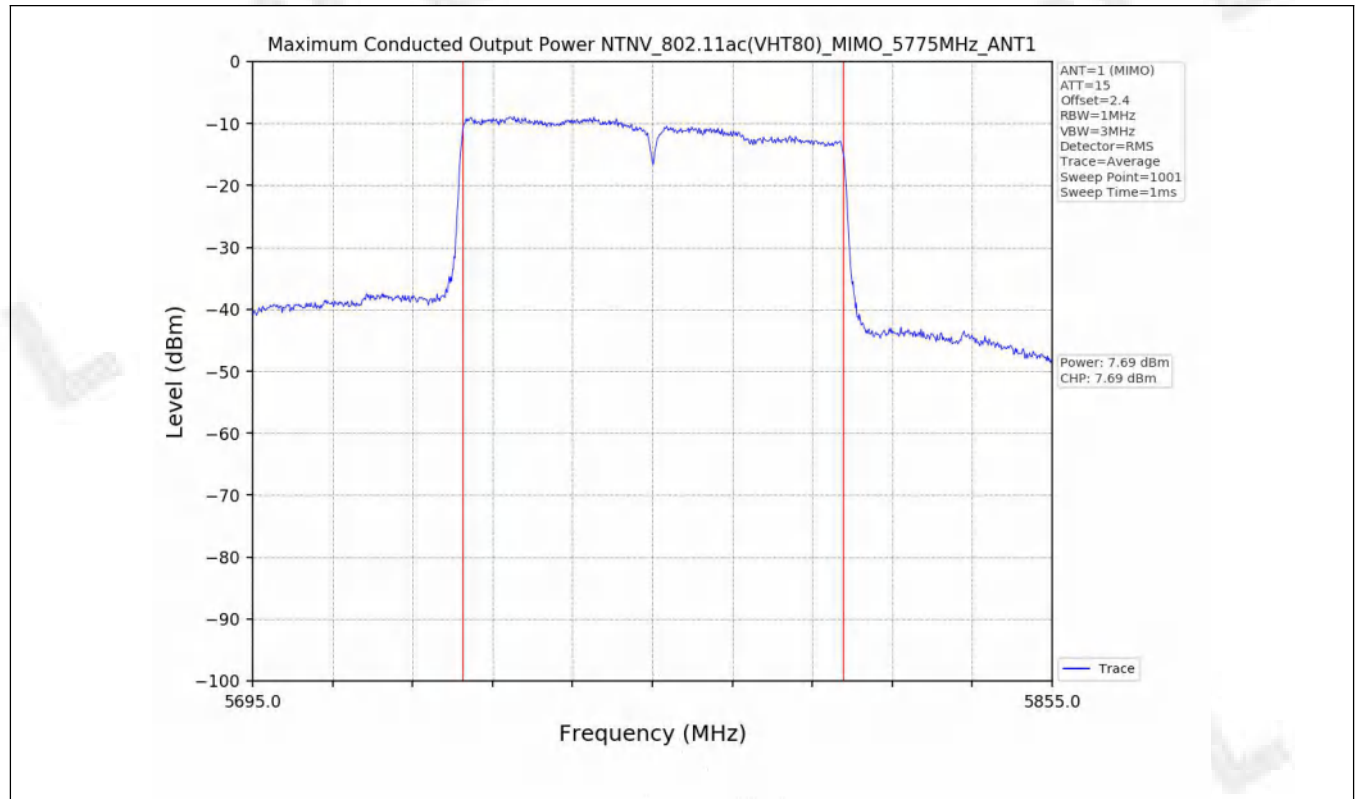










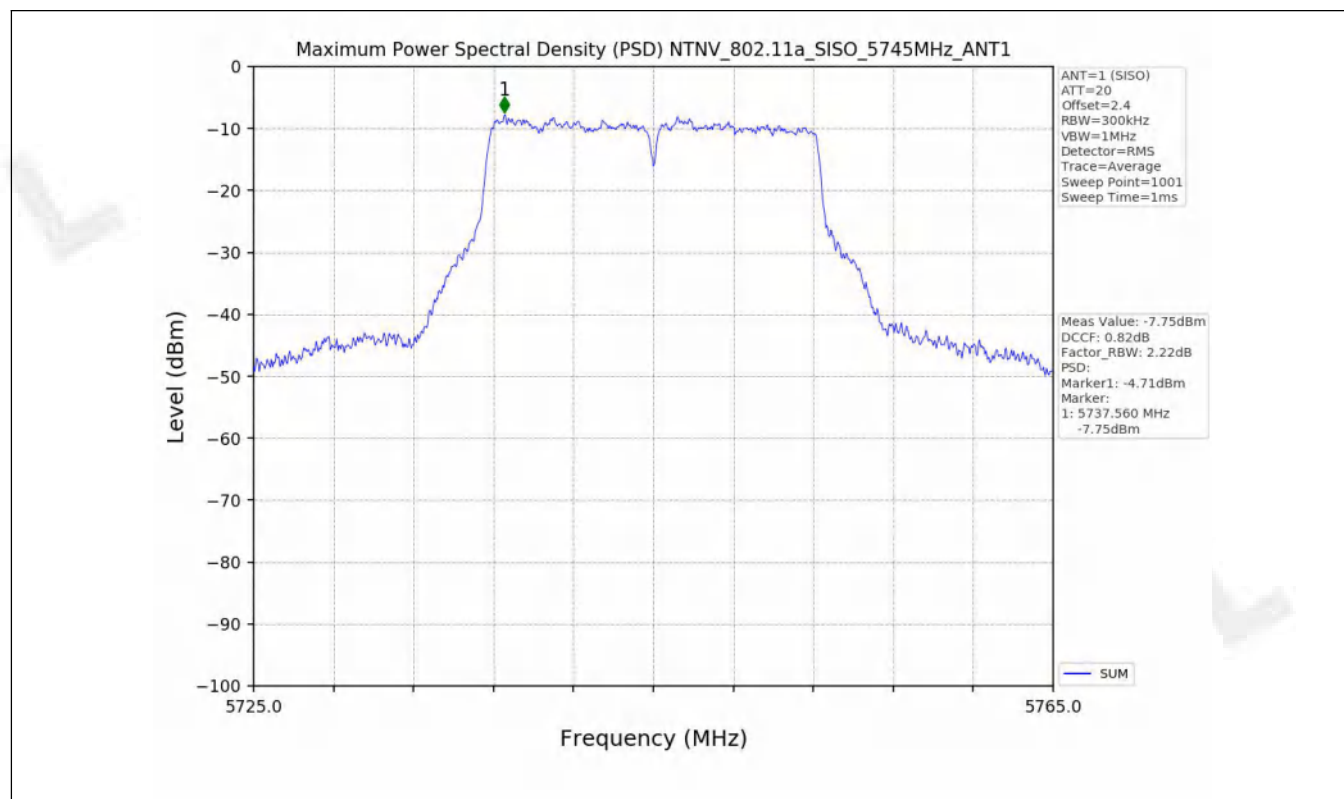
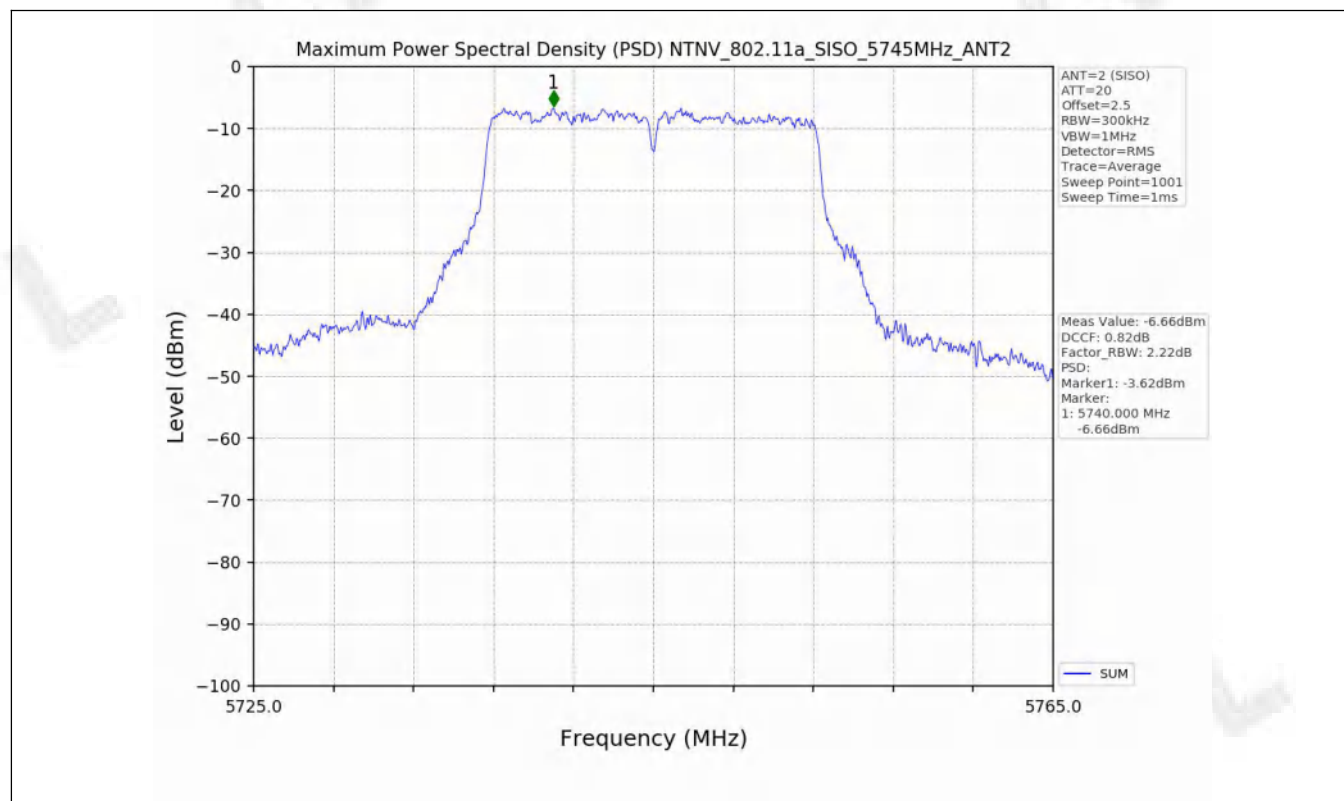


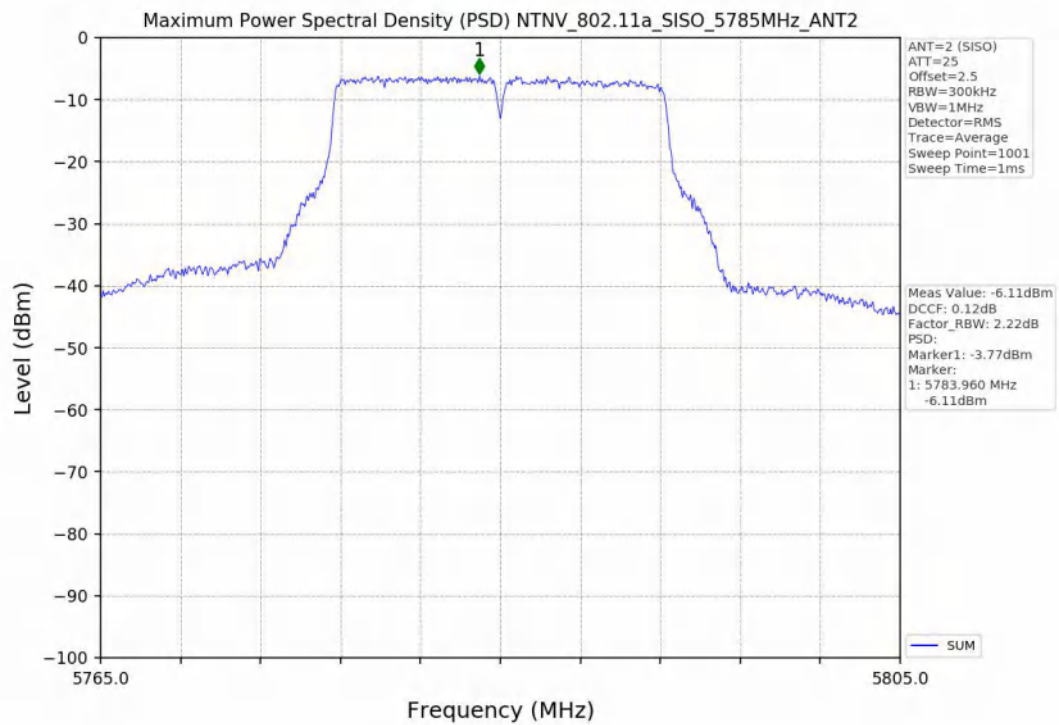
3. Maximum Power Spectral Density (PSD)

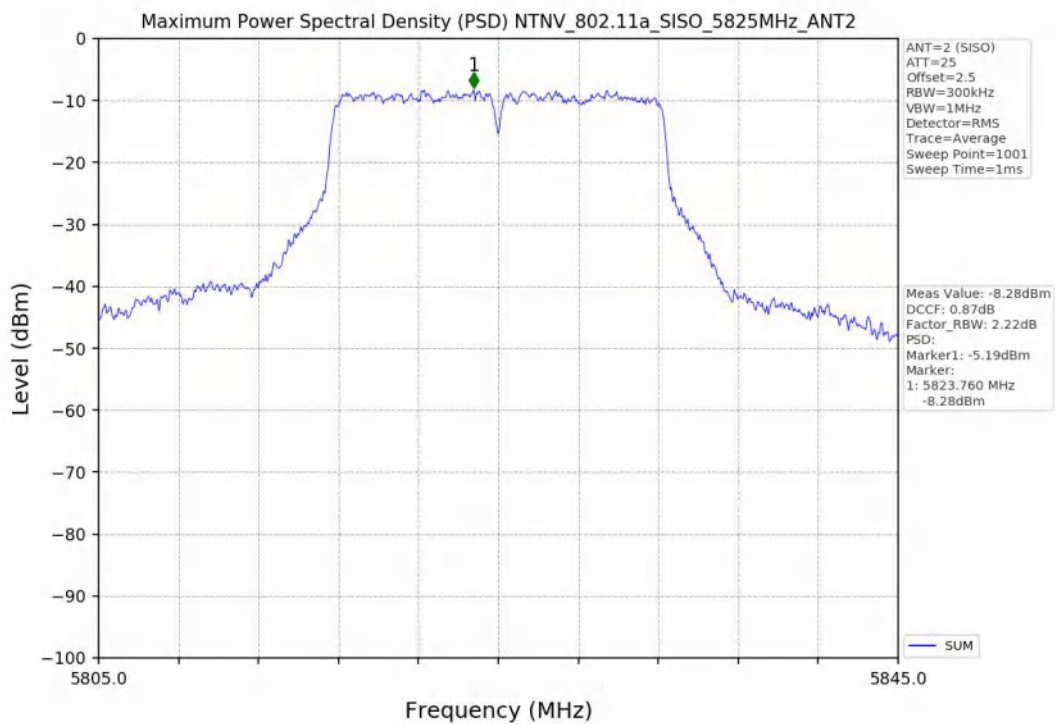
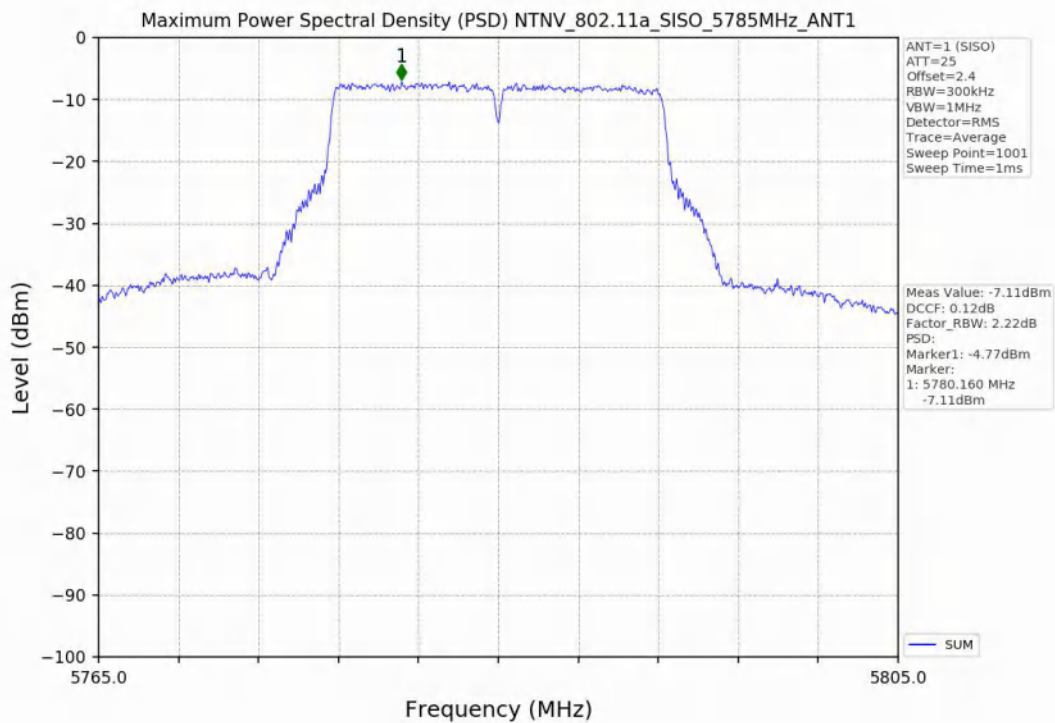
3.1 Test Result

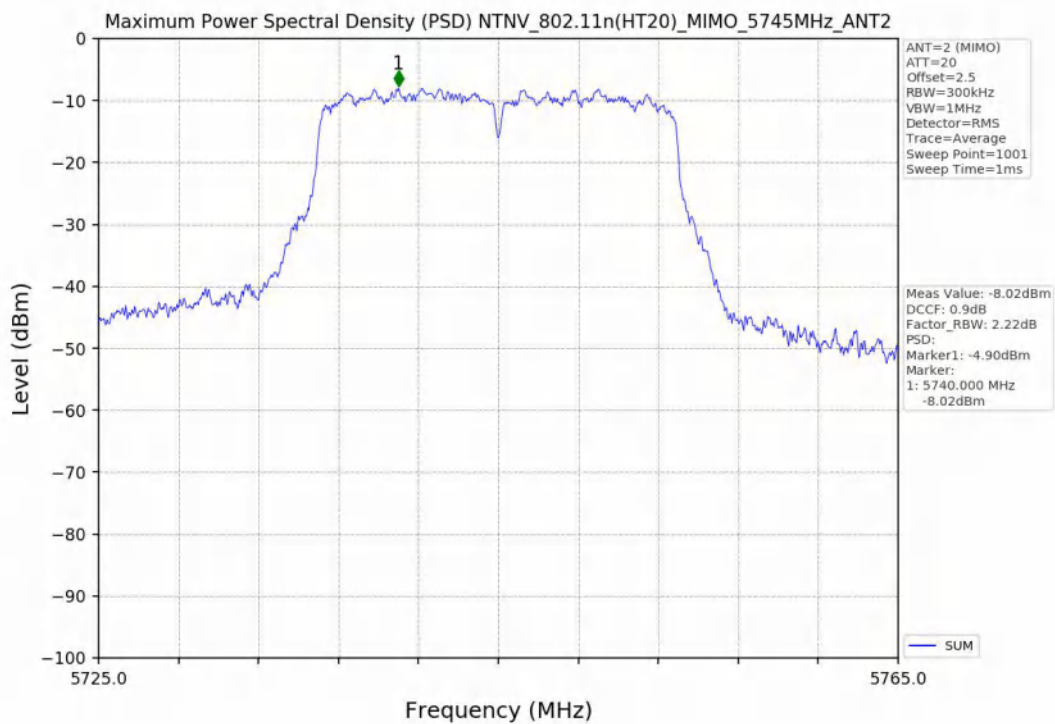
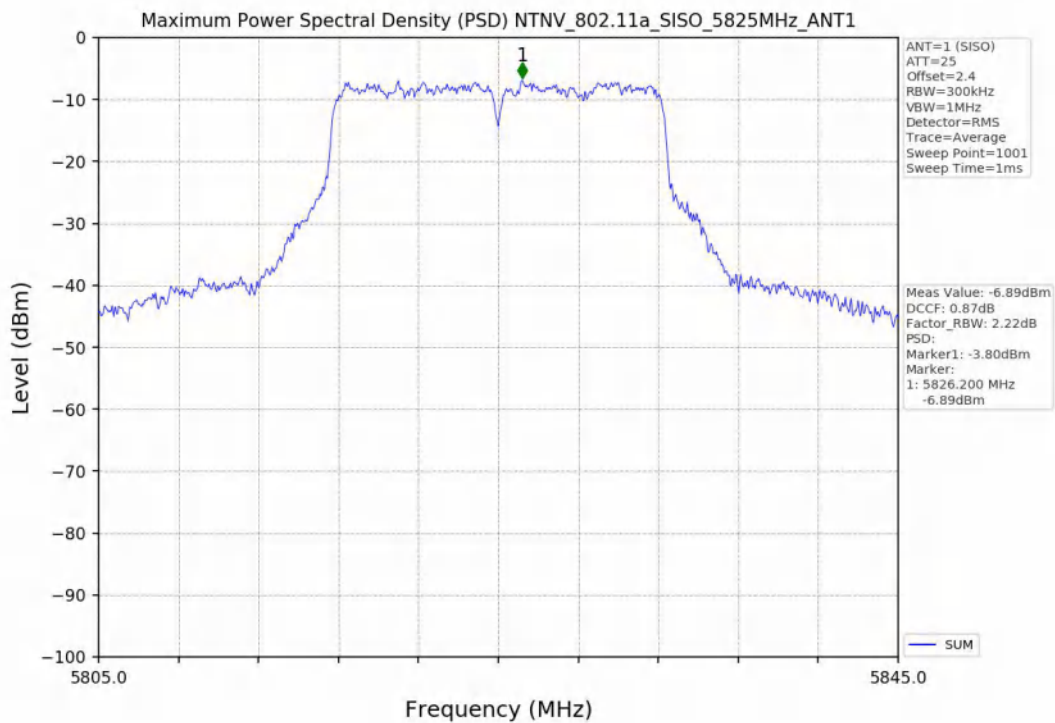
Test Mode	Frequency (MHz)	Tx Type	Maximum Power Spectral Density (dBm/500kHz)			Limits (dBm/500kHz)	Verdict
			Ant 2	Ant 1	Total		
802.11a	5745	SISO	-3.62	-4.71	/	≤30	PASS
	5785	SISO	-3.77	-4.77	/	≤30	PASS
	5825	SISO	-5.19	-3.80	/	≤30	PASS
802.11n(HT20)	5745	MIMO	-4.90	-5.97	-2.66	≤28.45	PASS
	5785	MIMO	-5.22	-6.58	-2.87	≤28.45	PASS
	5825	MIMO	-5.64	-4.76	-2.35	≤28.45	PASS
802.11n(HT40)	5755	MIMO	-7.88	-8.57	-5.55	≤28.45	PASS
	5795	MIMO	-8.19	-9.12	-5.83	≤28.45	PASS
802.11ac(VHT 20)	5745	MIMO	-3.97	-6.16	-1.93	≤28.45	PASS
	5785	MIMO	-5.40	-6.18	-3.00	≤28.45	PASS
	5825	MIMO	-5.84	-4.51	-2.84	≤28.45	PASS
802.11ac(VHT 40)	5755	MIMO	-7.51	-8.43	-5.12	≤28.45	PASS
	5795	MIMO	-8.57	-8.71	-5.95	≤28.45	PASS
802.11ac(VHT 80)	5775	MIMO	-9.93	-10.88	-7.63	≤28.45	PASS

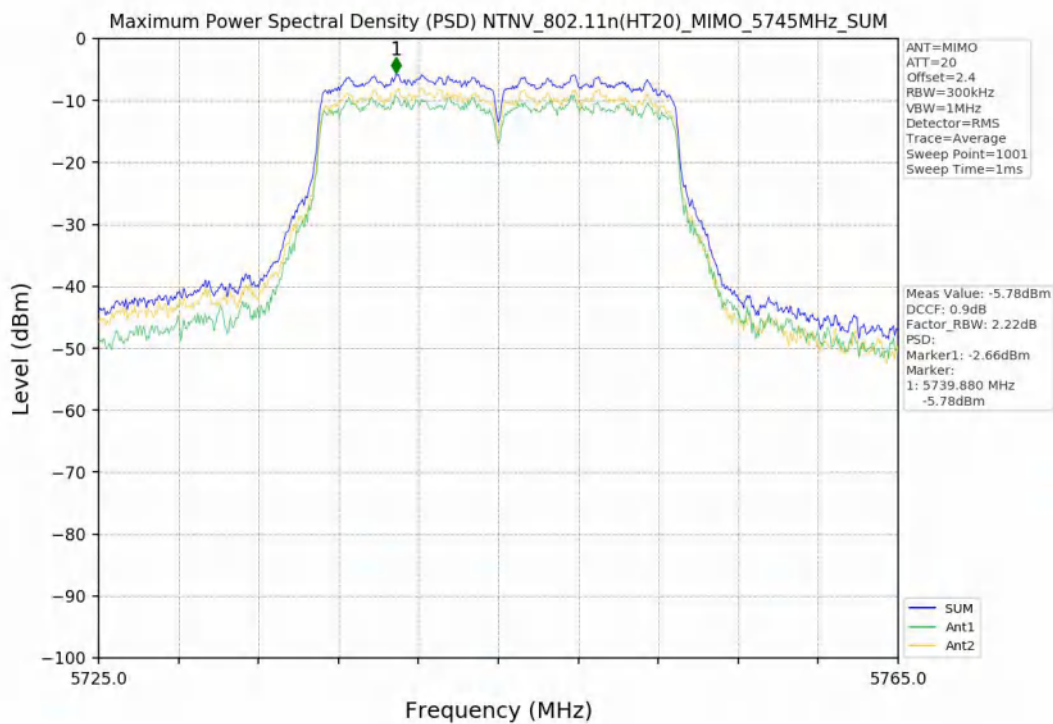
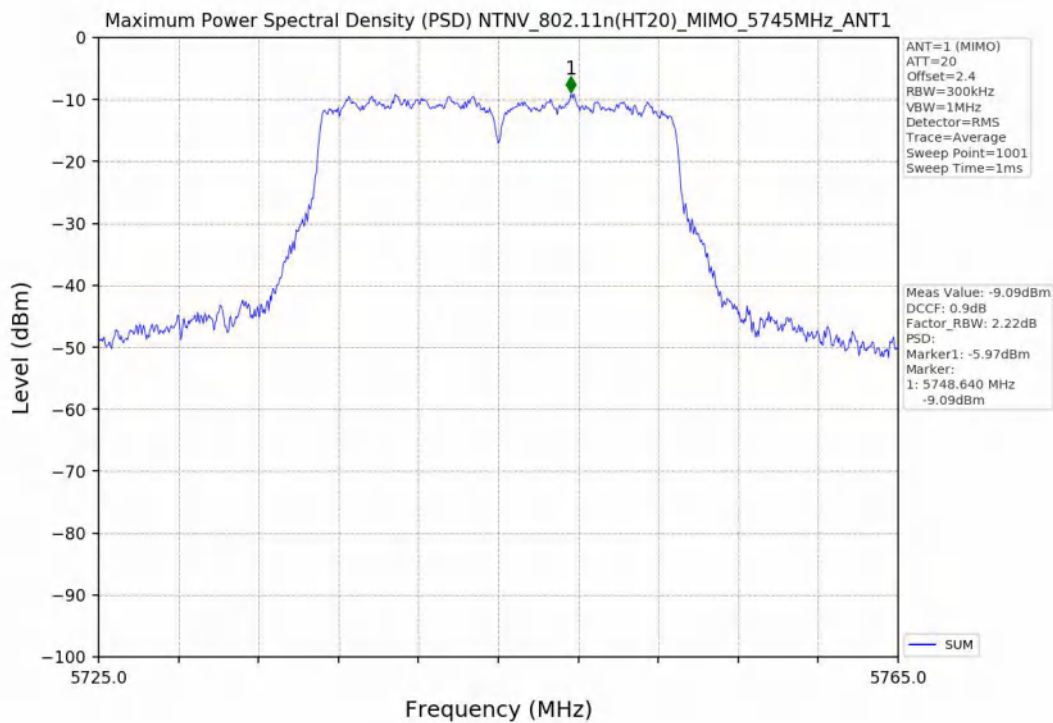
3.2 Test Graph

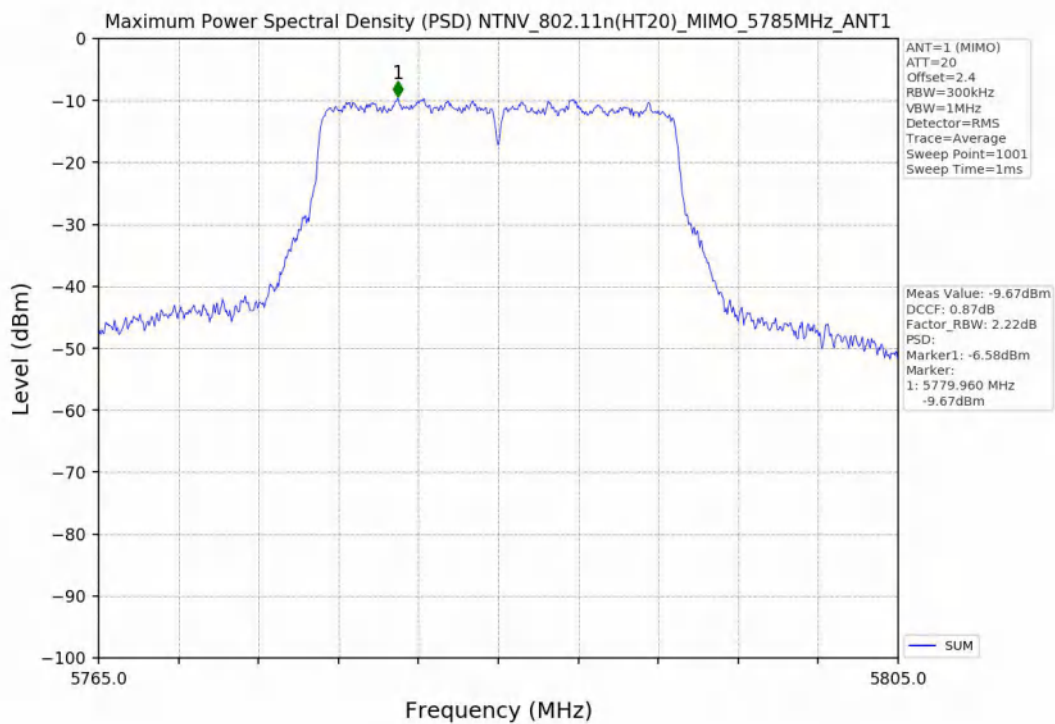
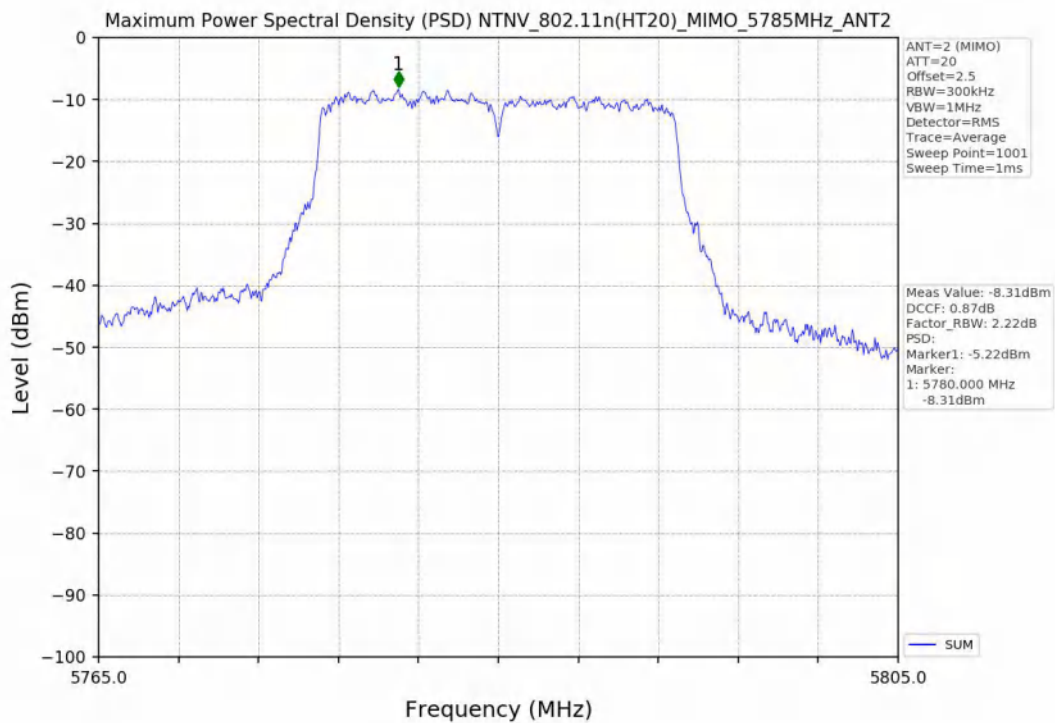


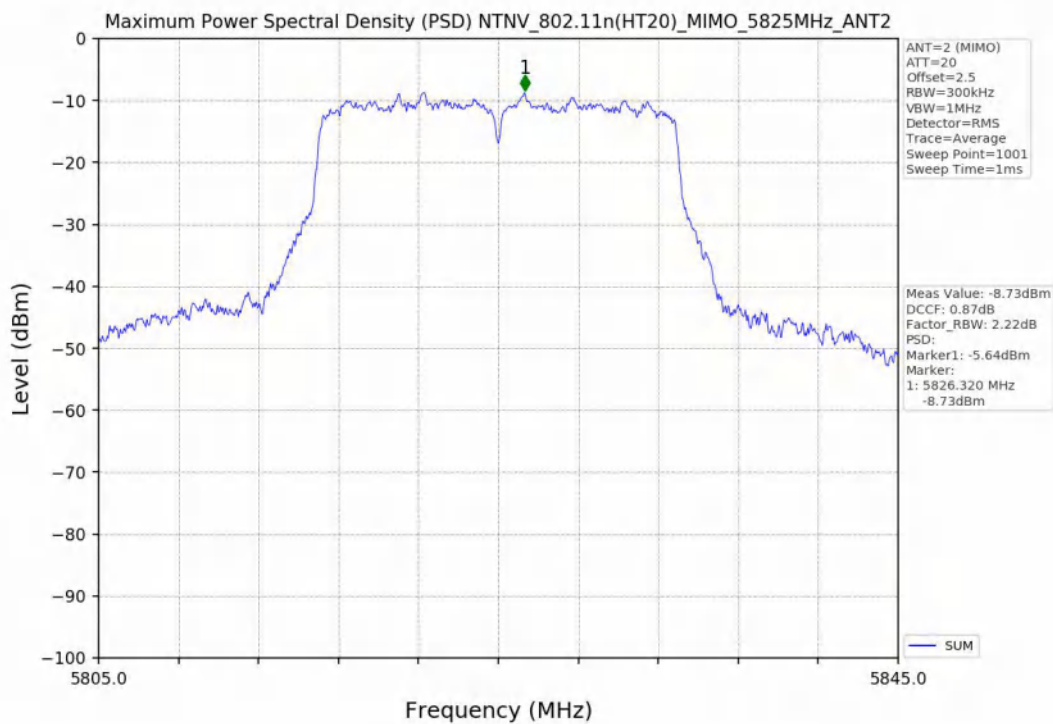
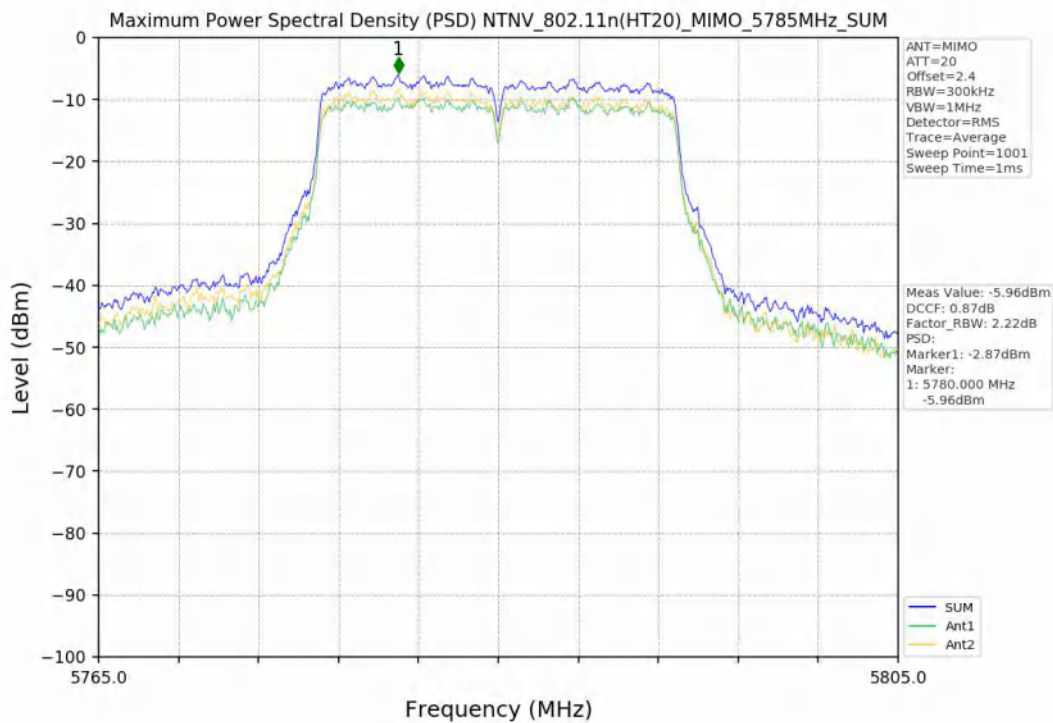


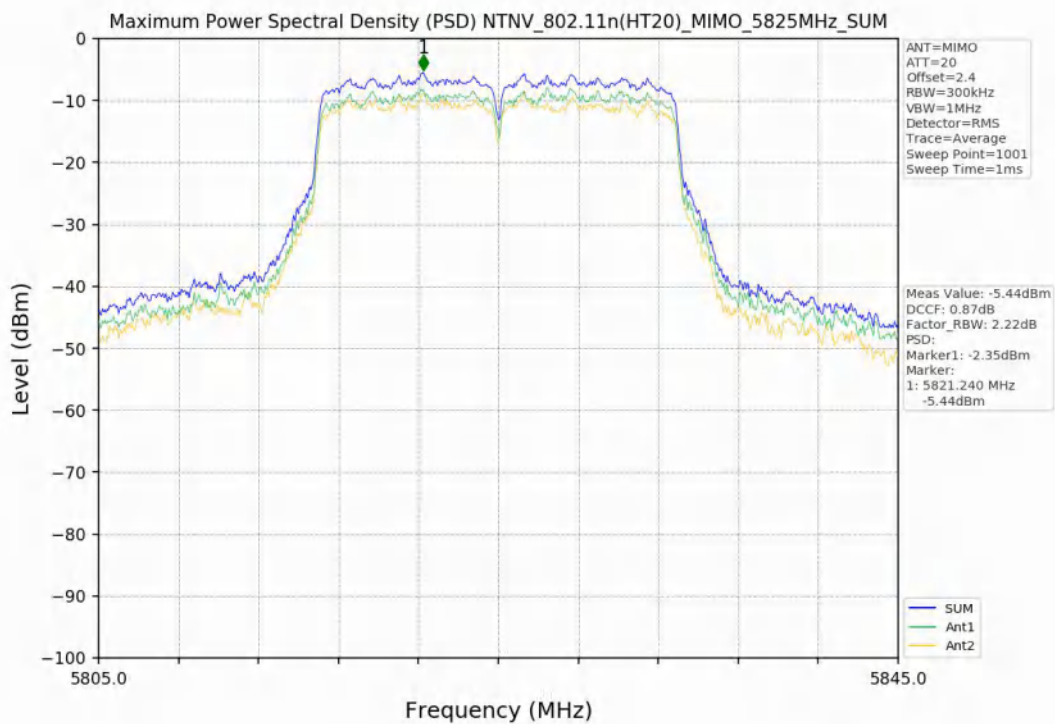
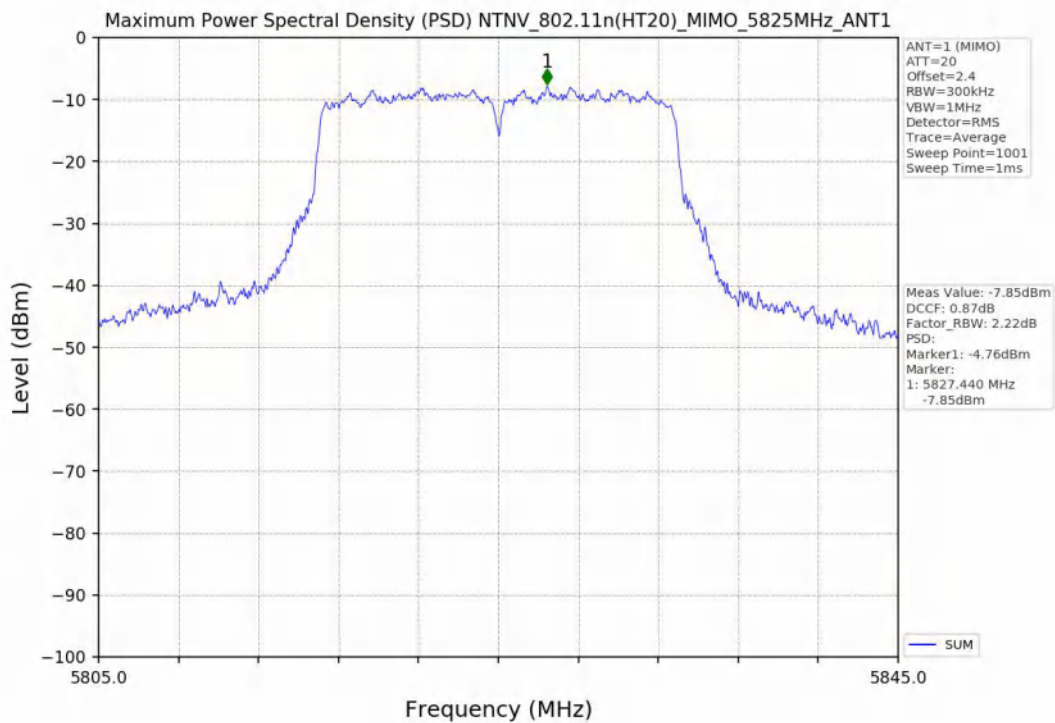


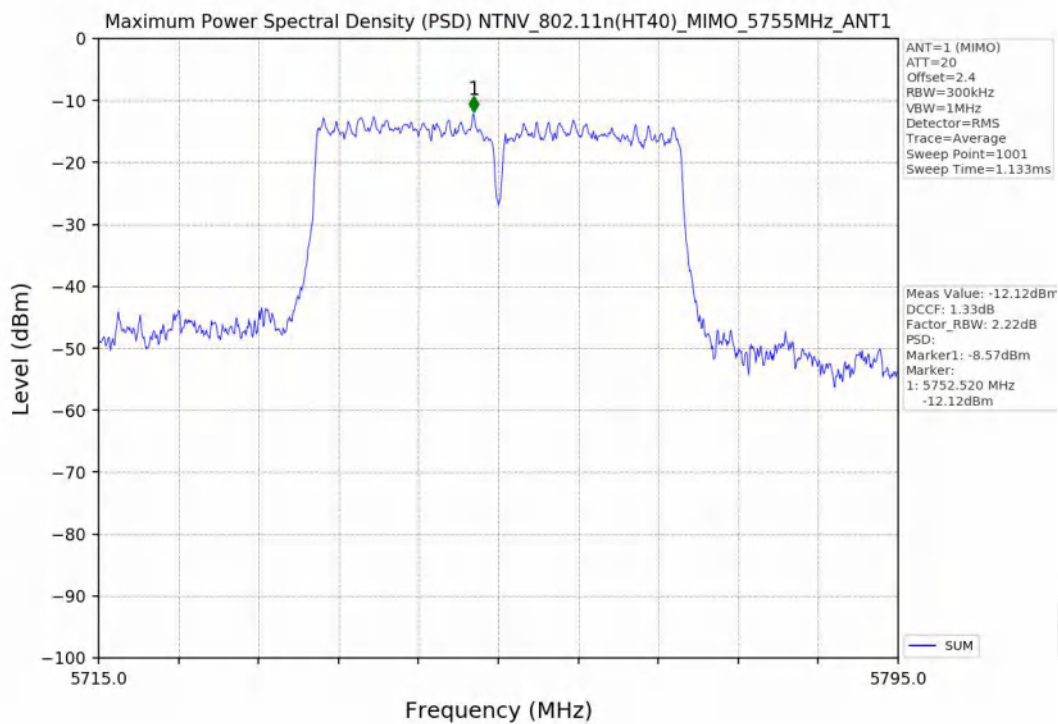
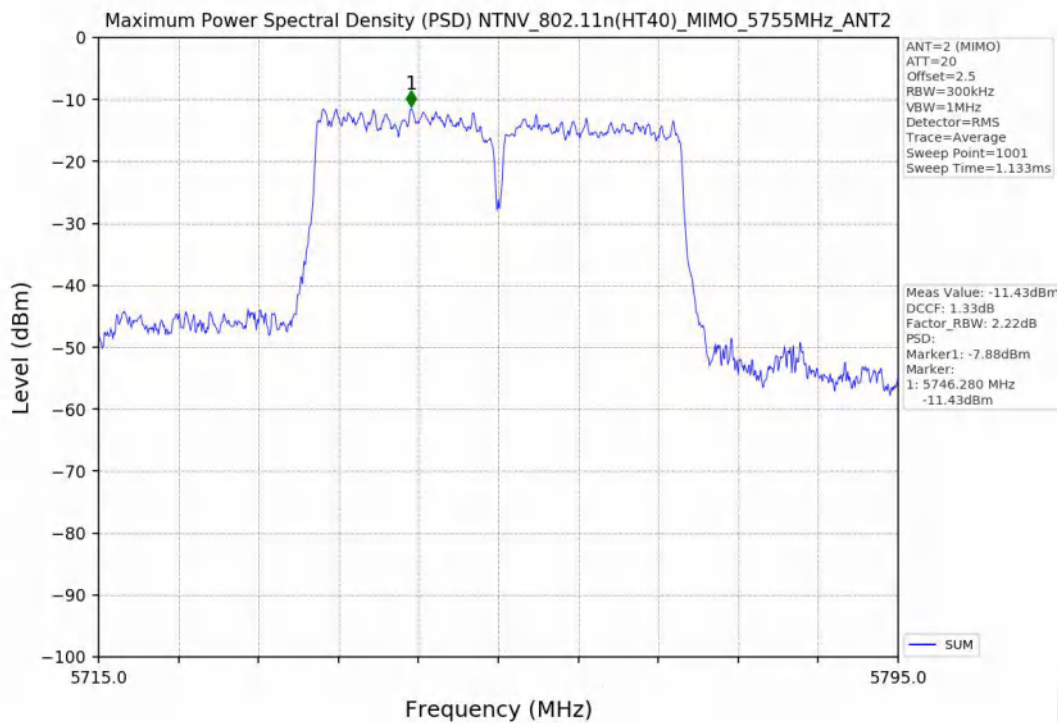


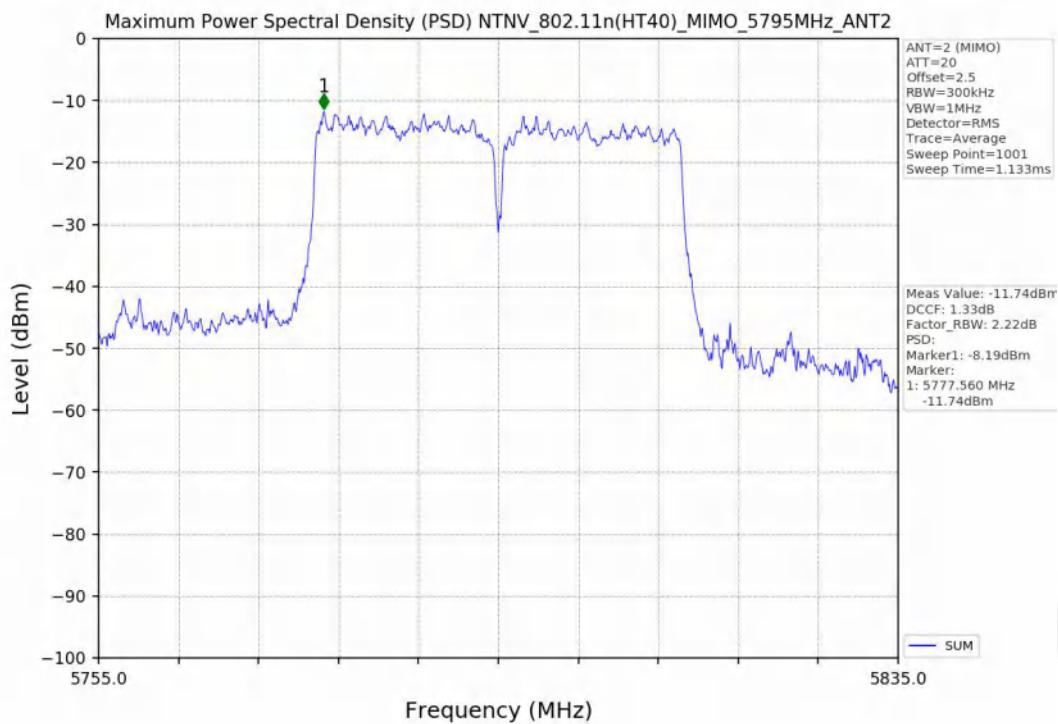
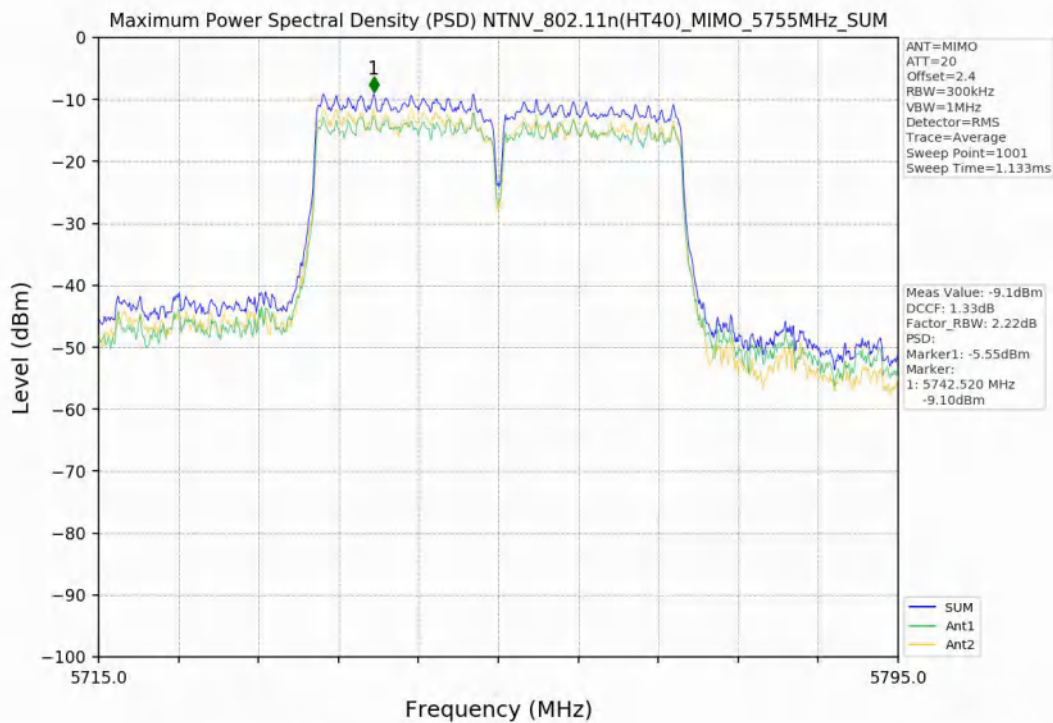


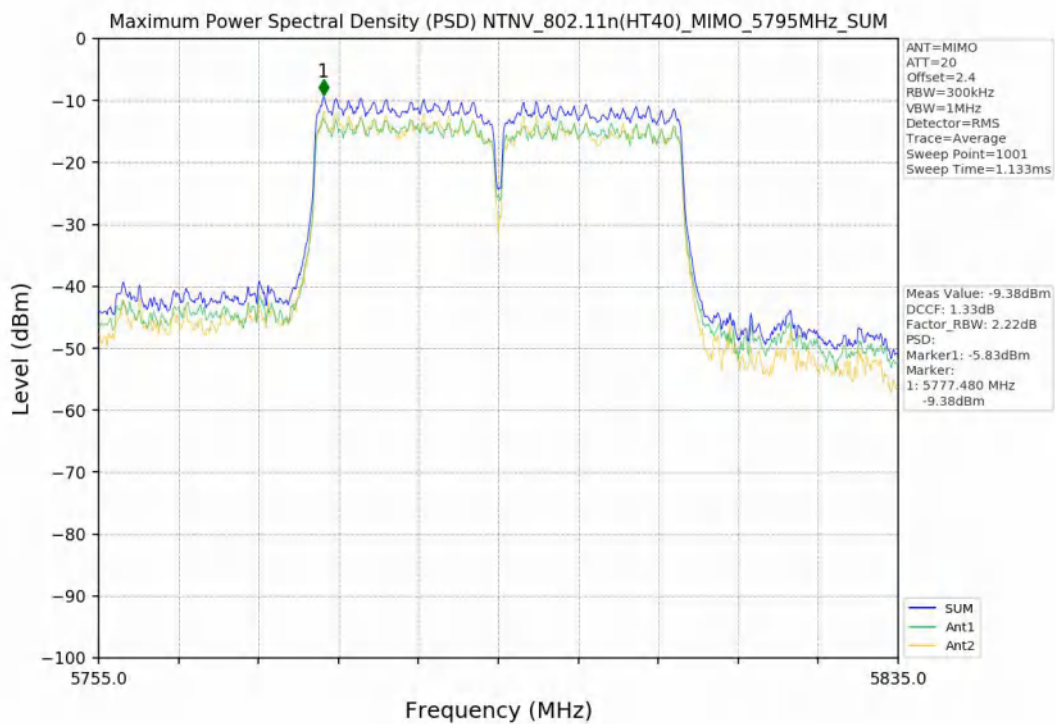
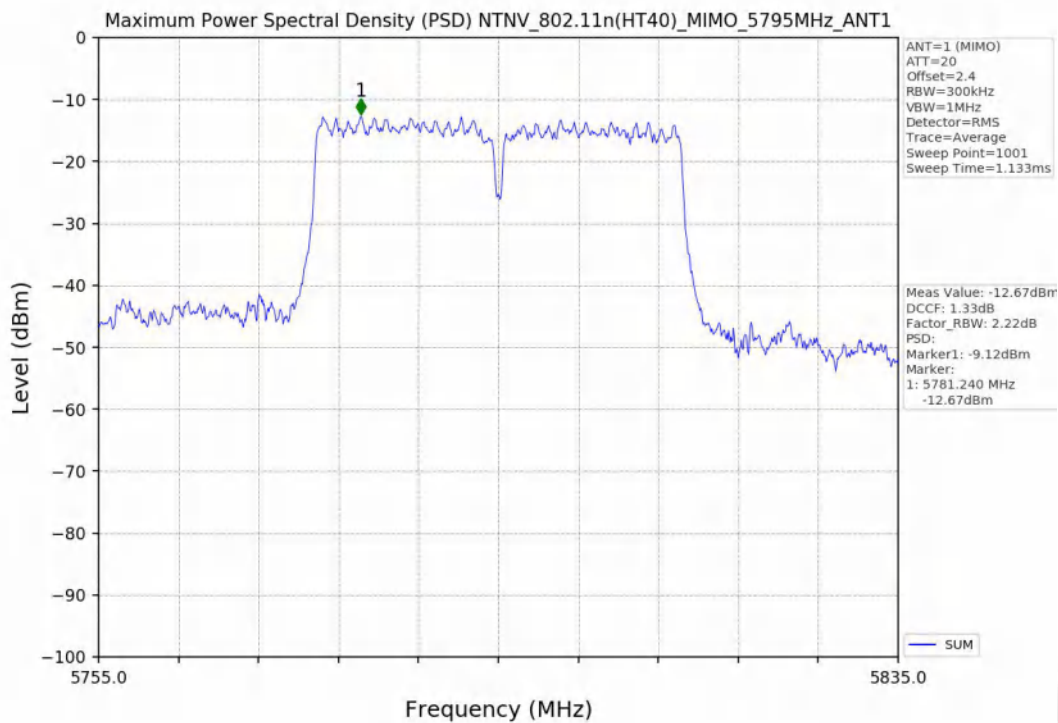


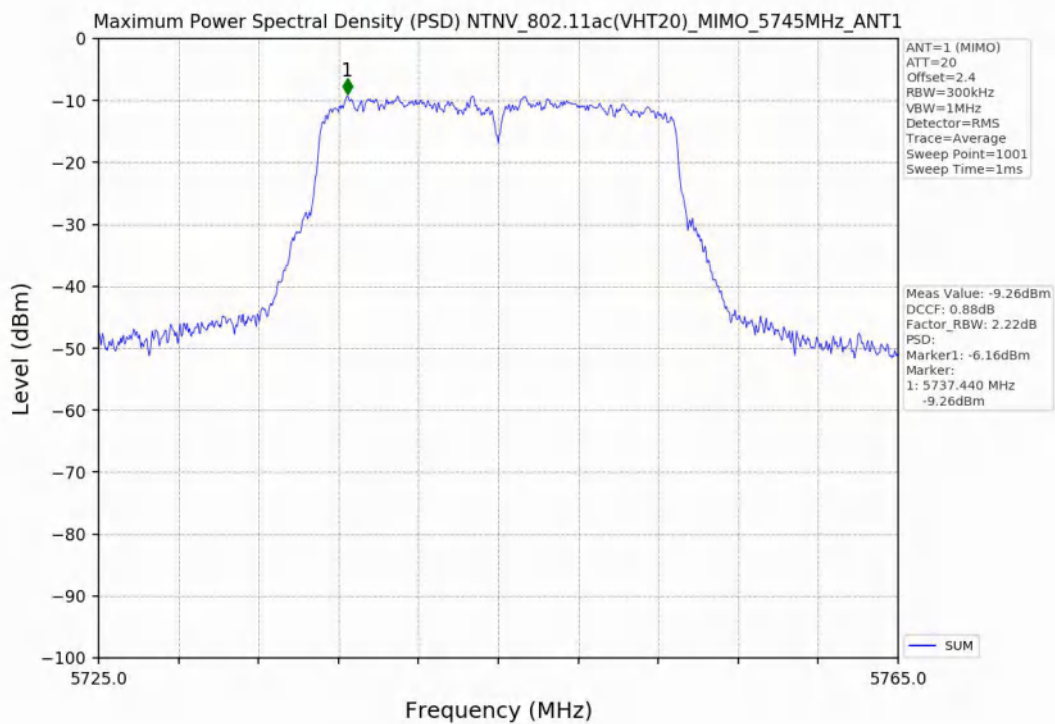
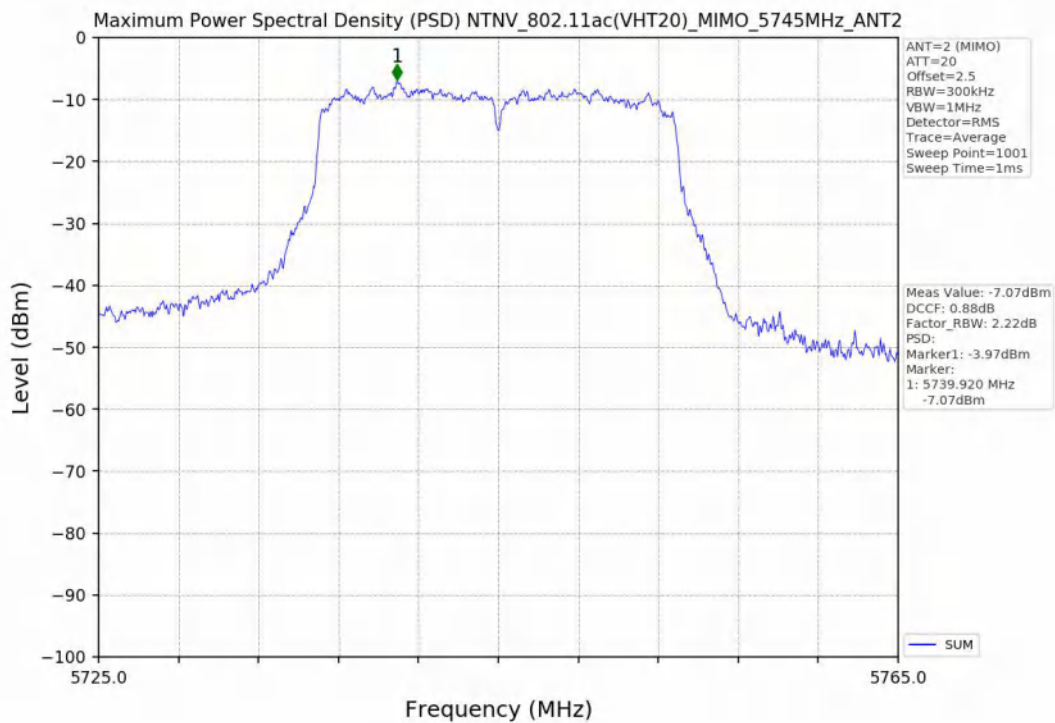


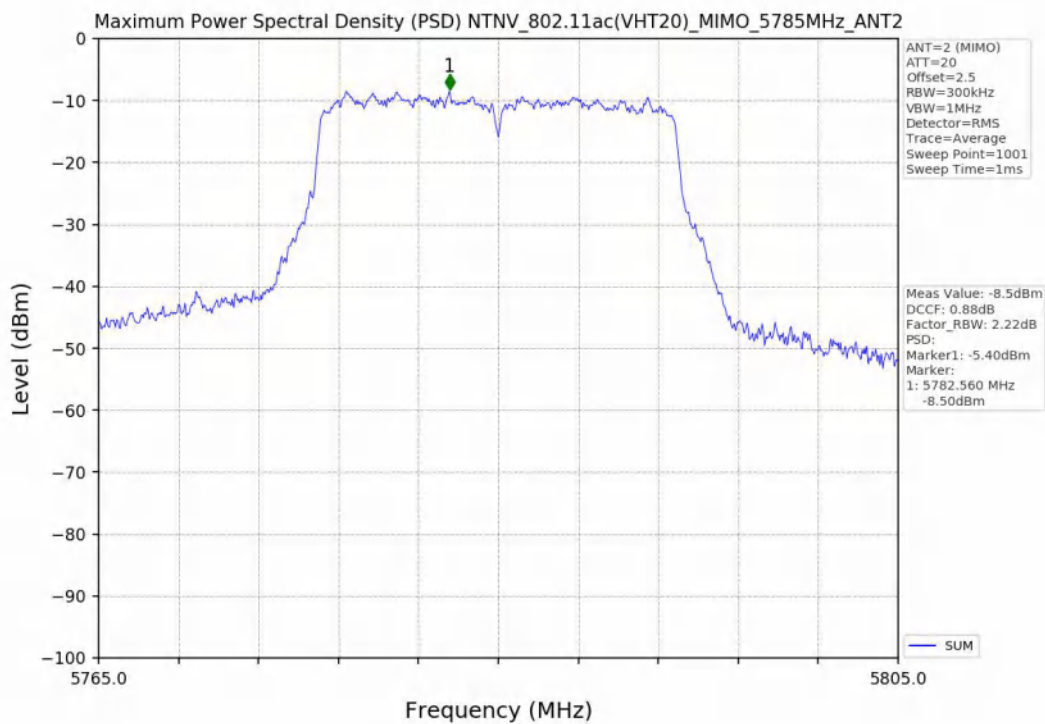
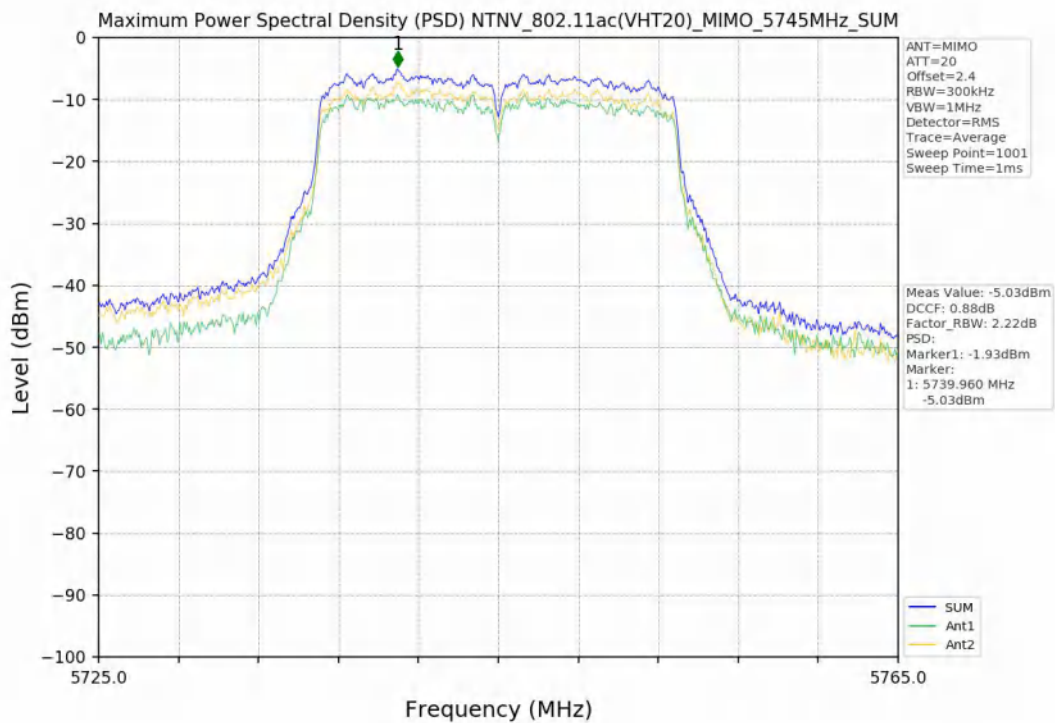


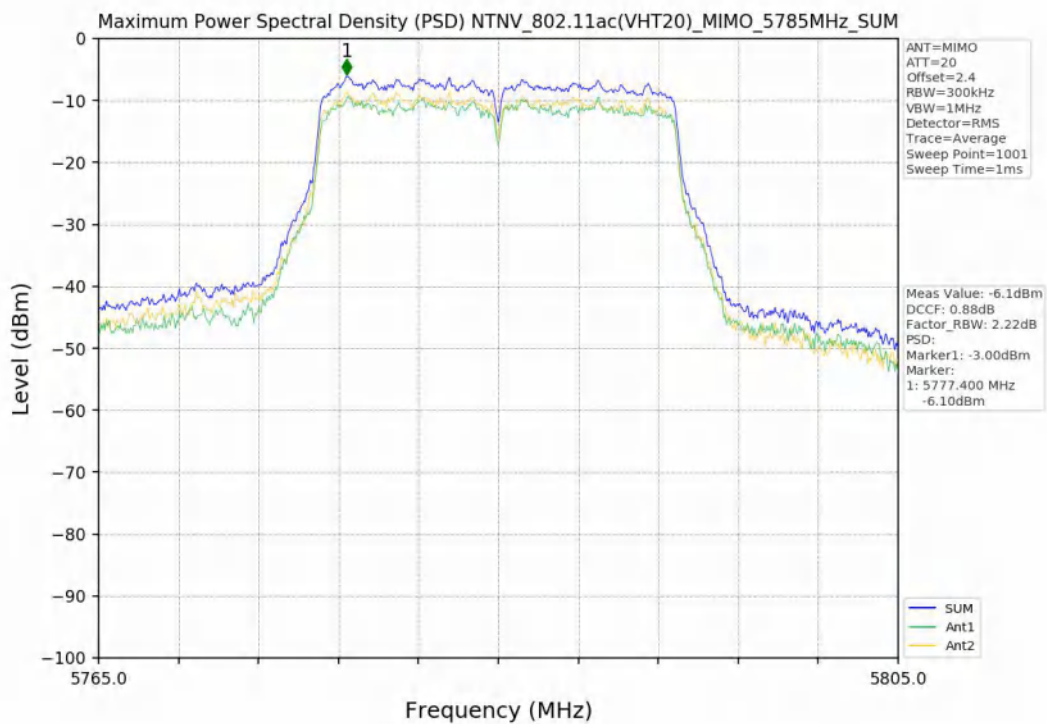
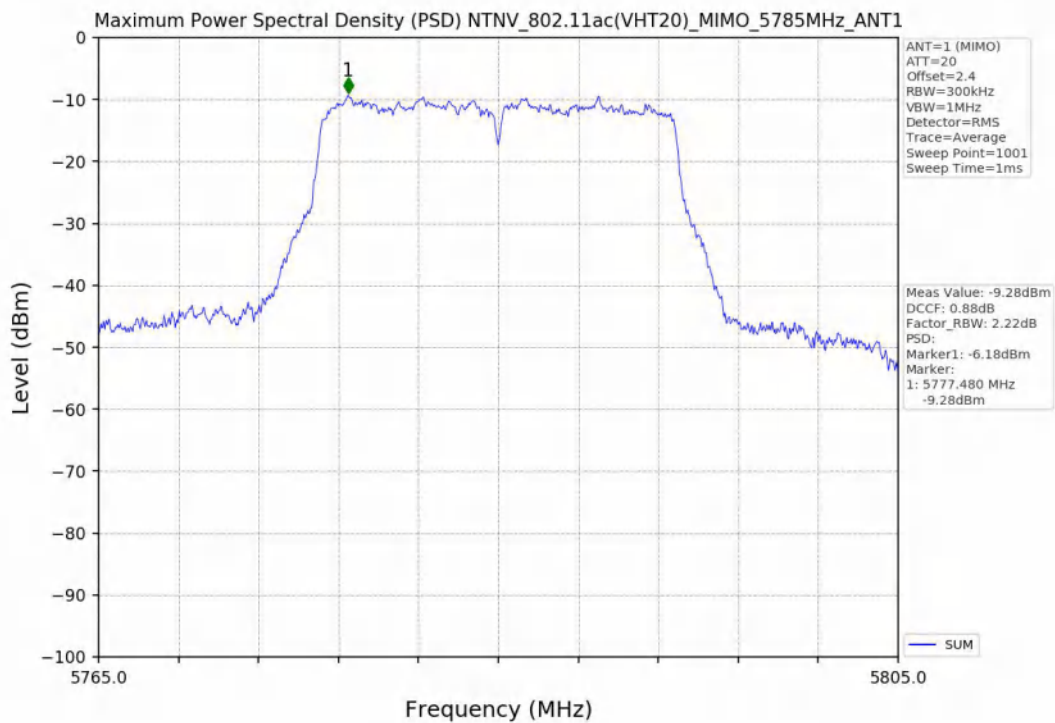


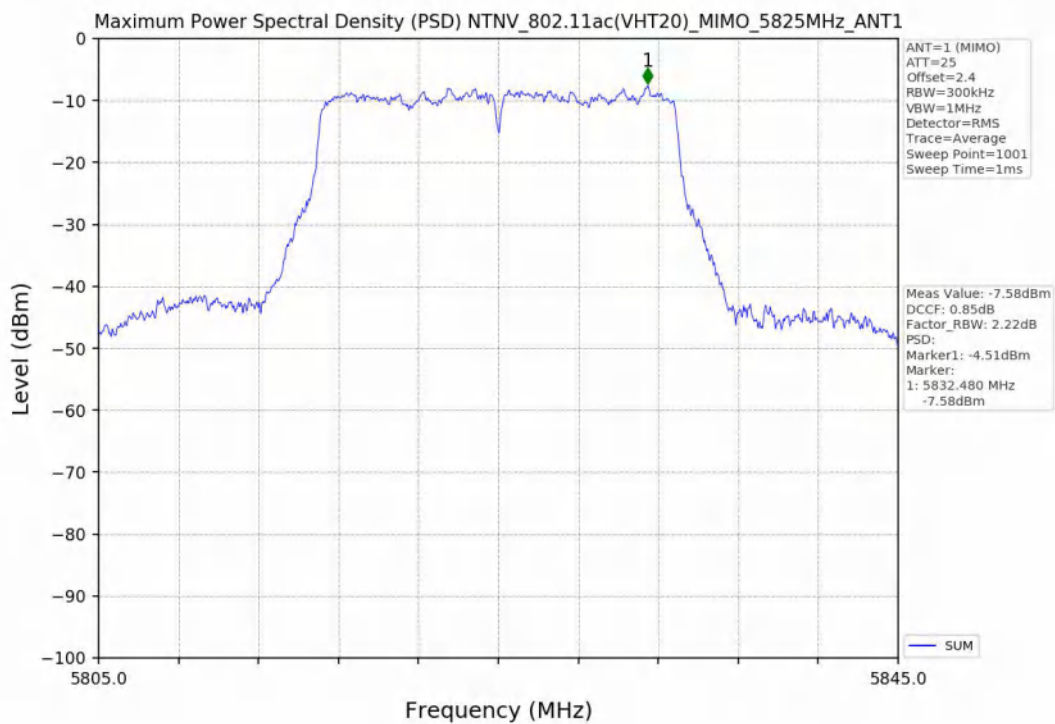
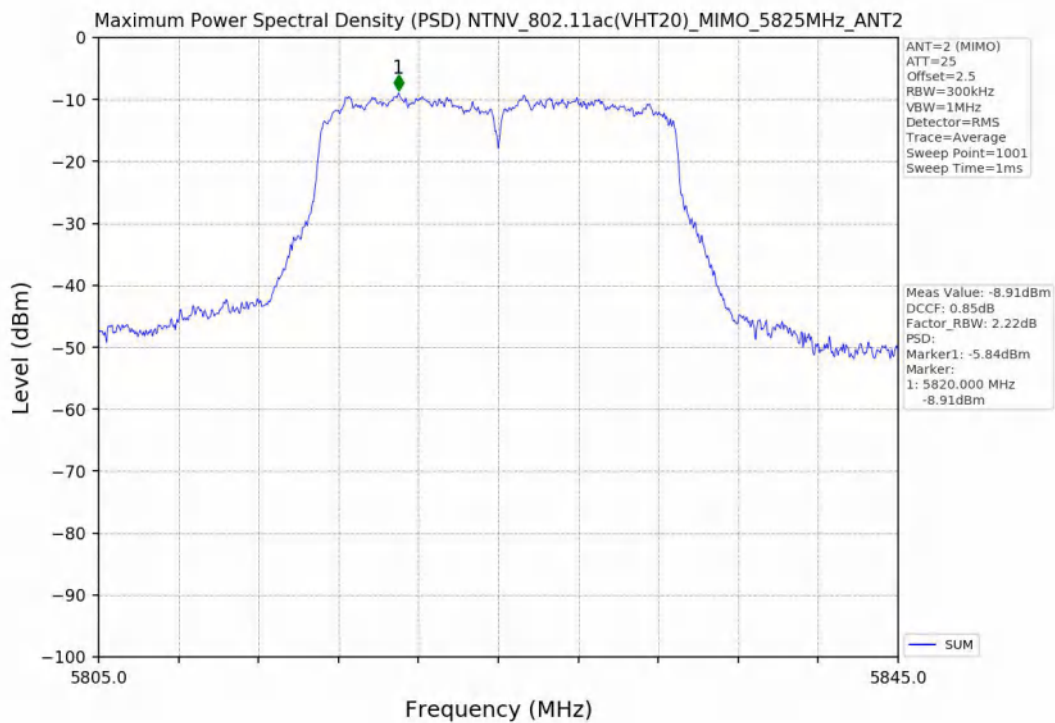


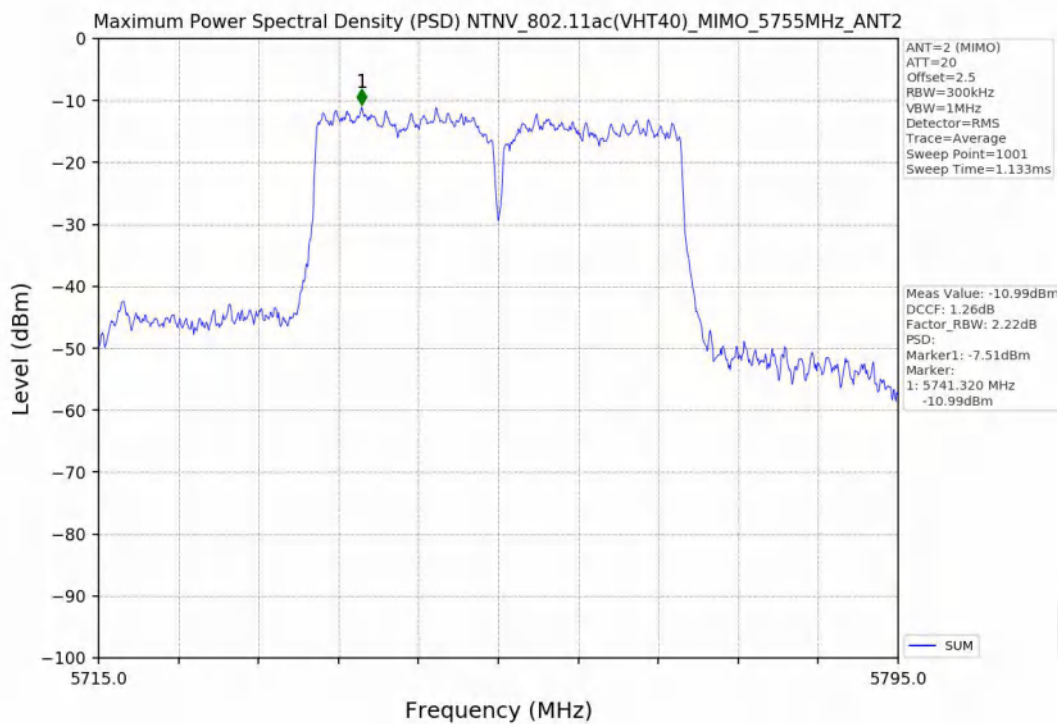
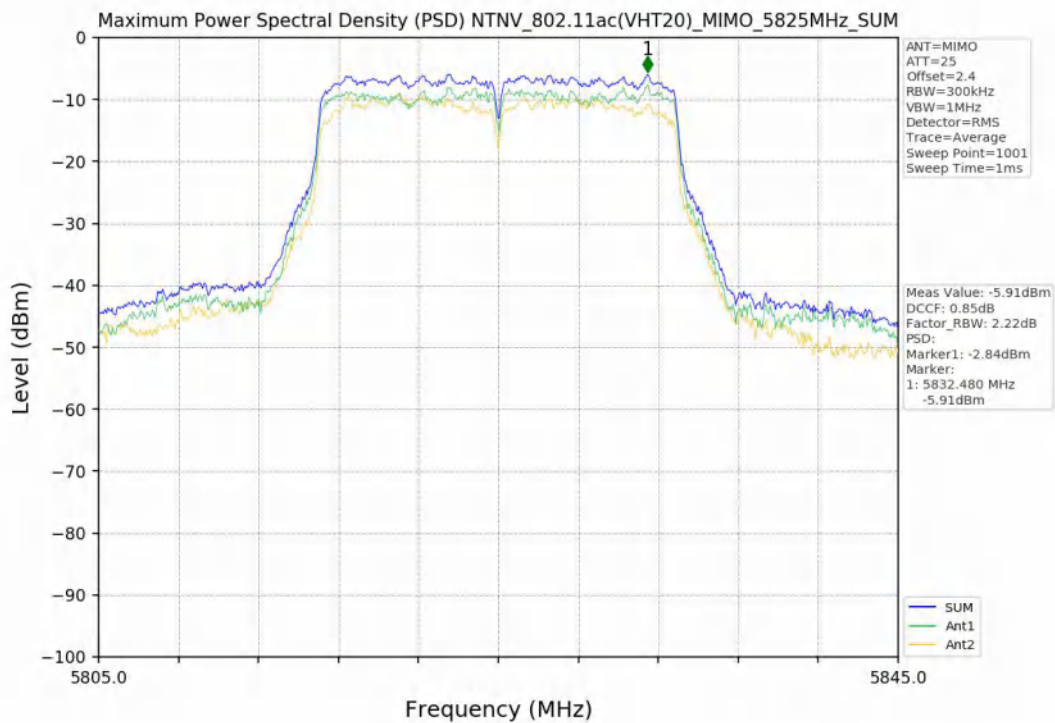


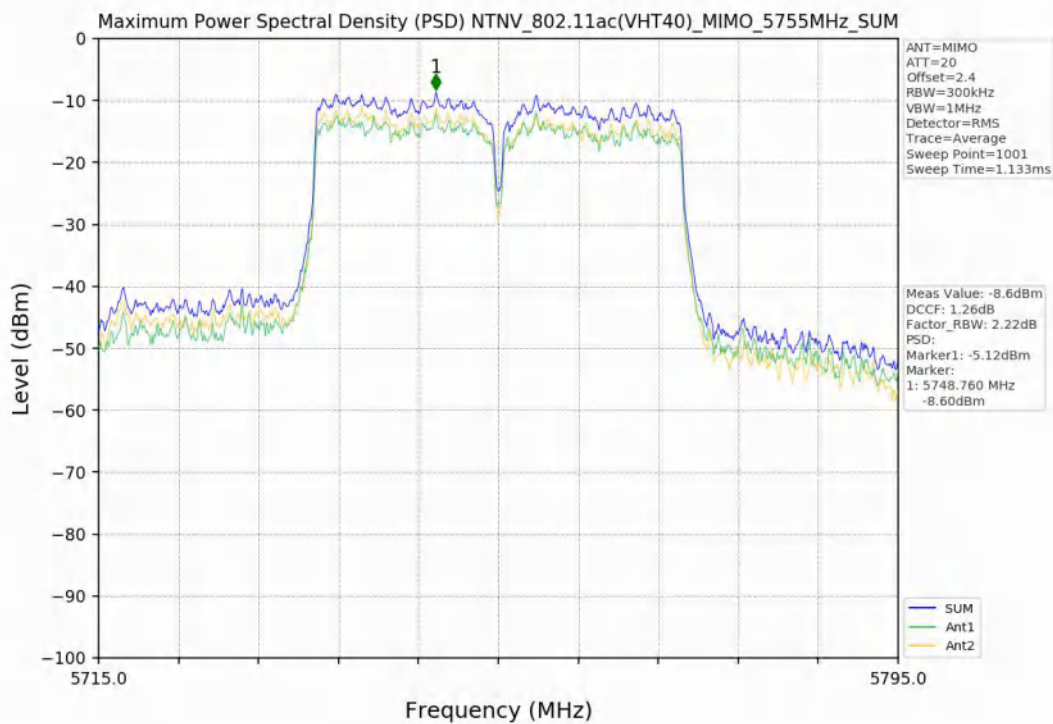
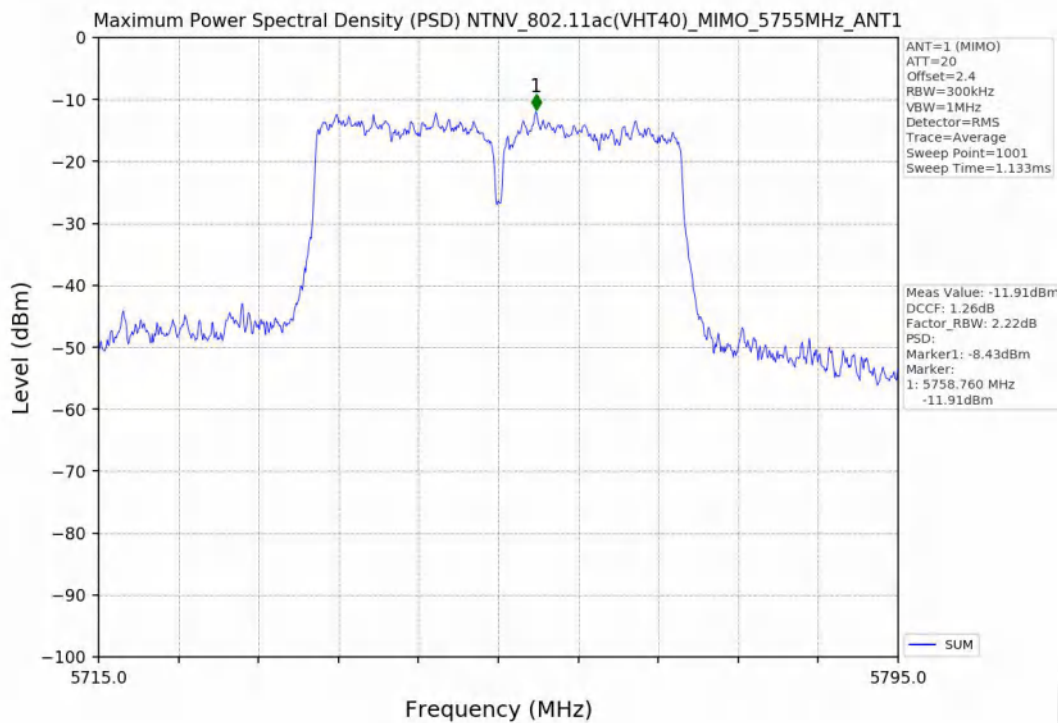


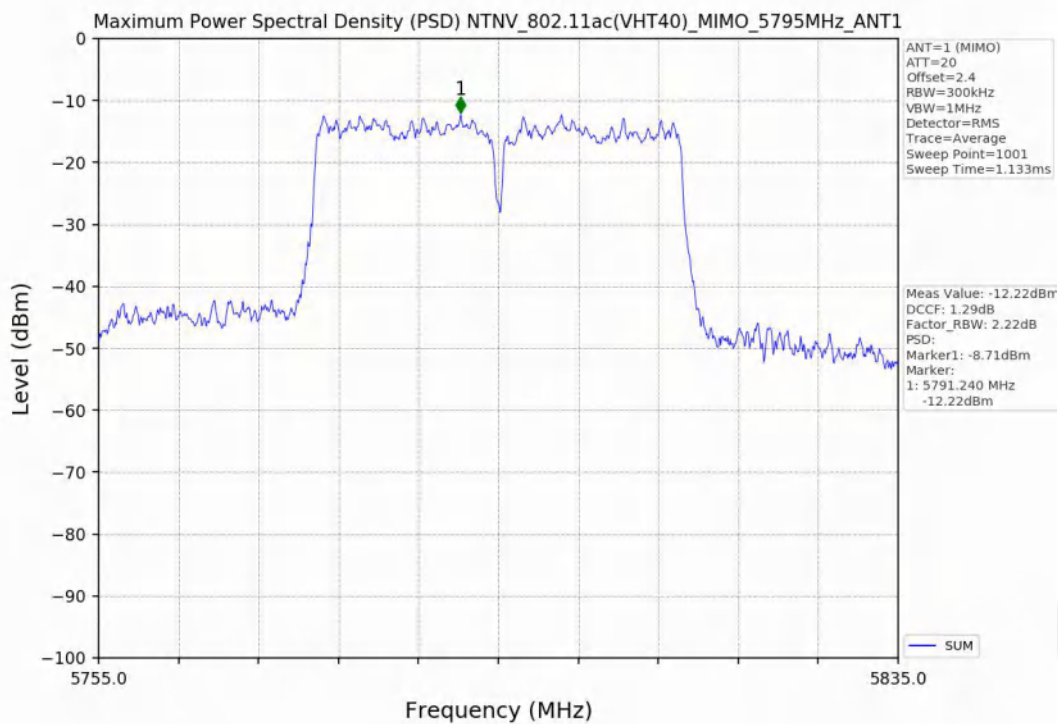
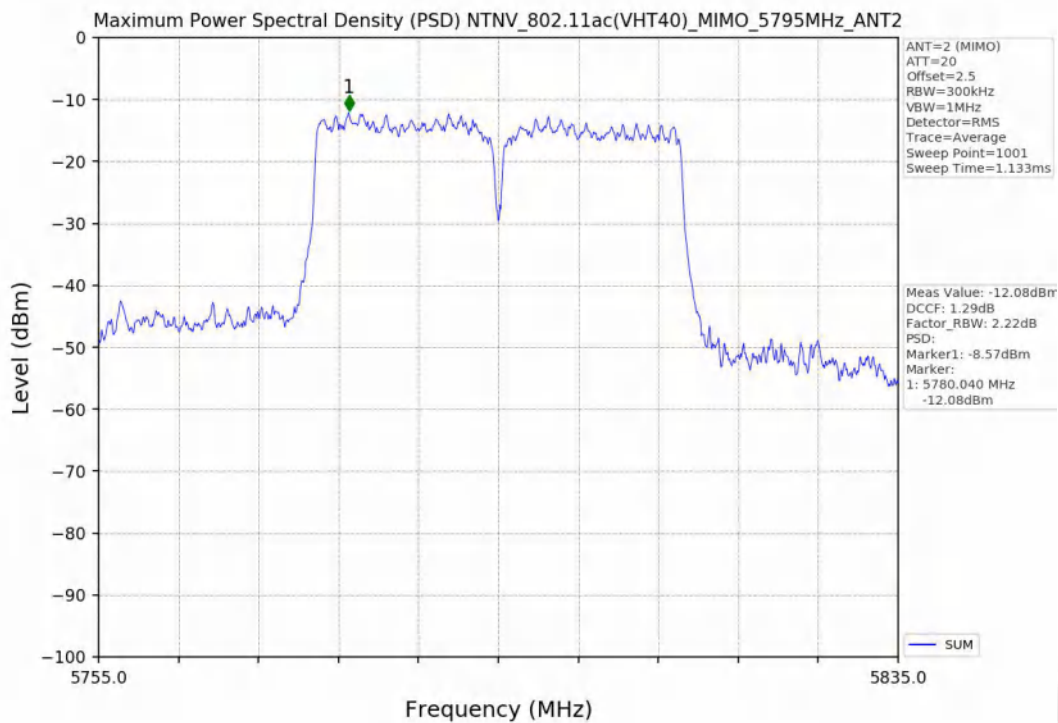


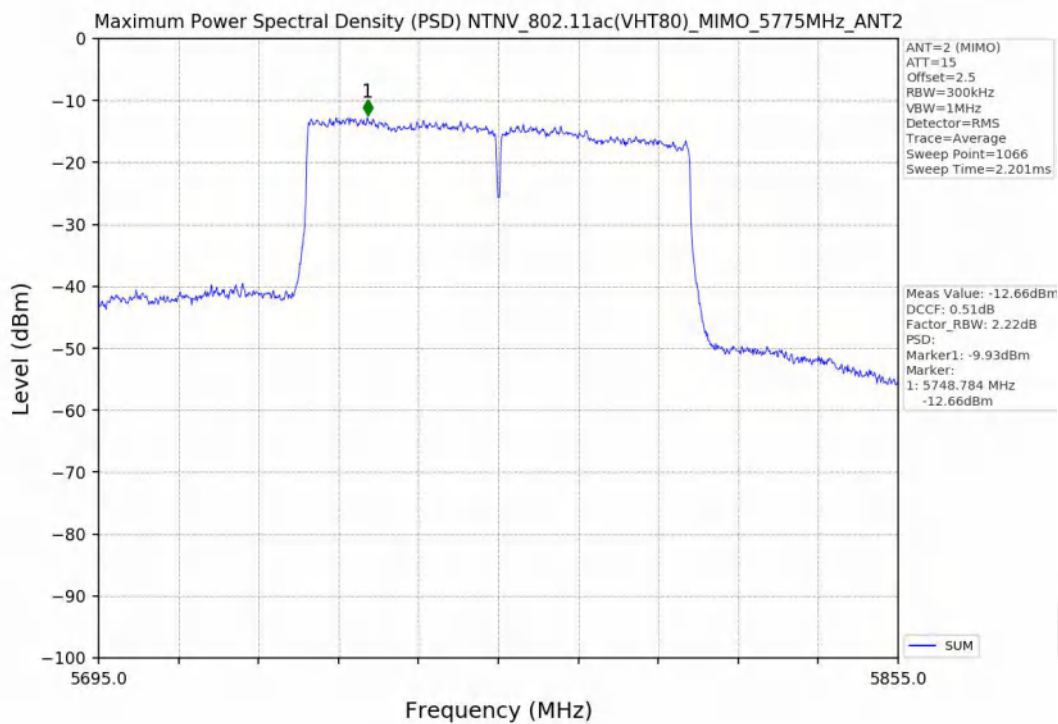


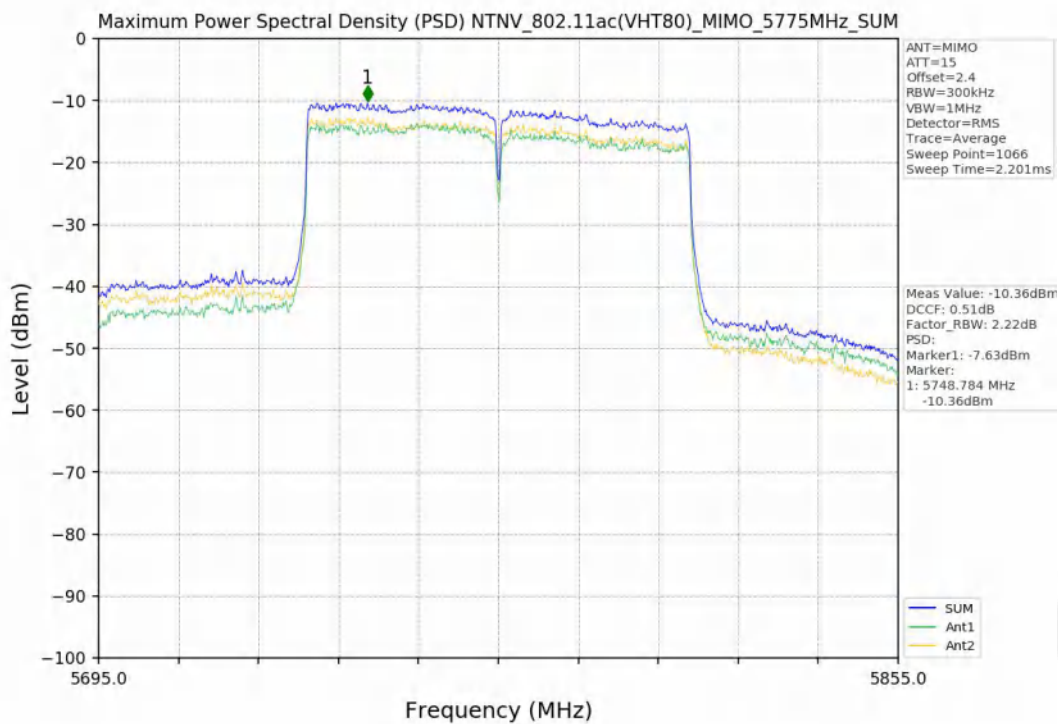
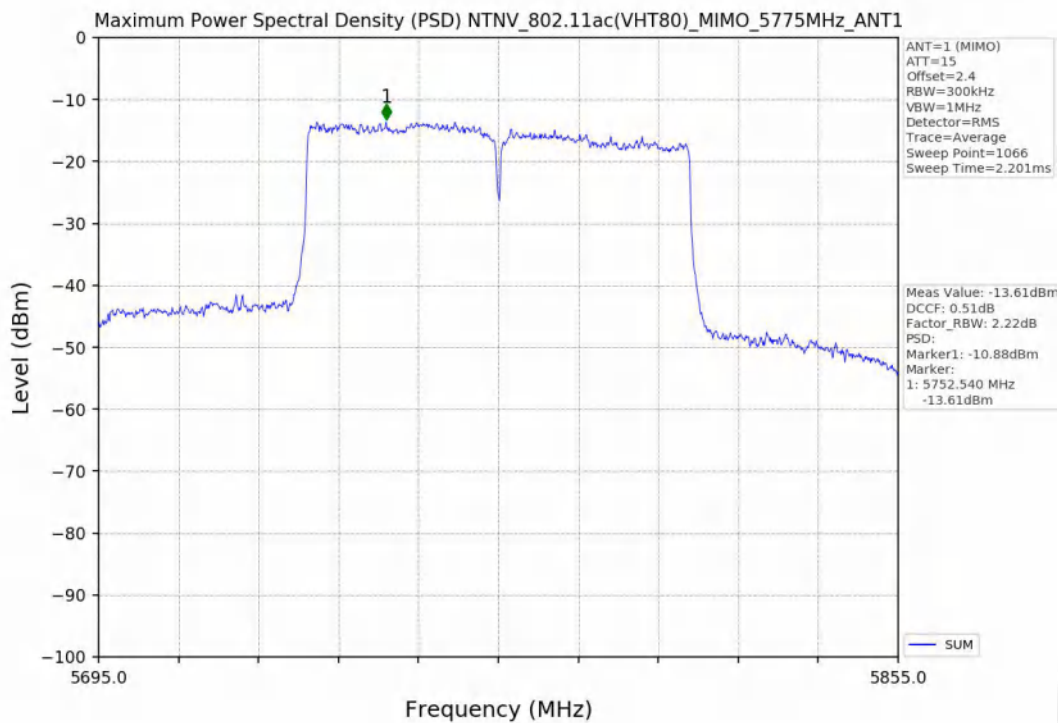












4. Frequency Stability

4.1 Test Result

Test Condition	Test Mode	Test Frequency [MHz]	Ant	Result [ppm]	Limit [ppm]	Verdict
NTNV	802.11a	5745	1	-6.96	<=20	PASS
		5785	1	-6.91	<=20	PASS
		5825	1	-6.87	<=20	PASS
	802.11n	5755	MIMO	-6.95	<=20	PASS
		5795	MIMO	-6.91	<=20	PASS
	802.11ac	5775	MIMO	-7.71	<=20	PASS
HTNV	802.11a	5745	1	-6.45	<=20	PASS
		5785	1	-6.32	<=20	PASS
		5825	1	-6.15	<=20	PASS
	802.11n	5755	MIMO	-6.47	<=20	PASS
		5795	MIMO	-6.43	<=20	PASS
	802.11ac	5775	MIMO	-5.36	<=20	PASS
LTNV	802.11a	5745	1	-7.51	<=20	PASS
		5785	1	-7.23	<=20	PASS
		5825	1	-3.39	<=20	PASS
	802.11n	5755	MIMO	-7.08	<=20	PASS
		5795	MIMO	-7.02	<=20	PASS
	802.11ac	5775	MIMO	-6.44	<=20	PASS