

8 Appendix

Appendix for 15.407

1. Maximum Conducted Output Power

1.1 Test Result

Test Mode	Frequency (MHz)	Tx Type	Measured Output Power (dBm)	Limit (dBm)	Verdict
			Ant 1		
802.11a	5180	SISO	12.58	≤23.98	PASS
	5200	SISO	12.67	≤23.98	PASS
	5240	SISO	13.18	≤23.98	PASS
	5260	SISO	12.91	≤23.98	PASS
	5300	SISO	13.35	≤23.98	PASS
	5320	SISO	13.40	≤23.98	PASS
	5500	SISO	11.50	≤23.98	PASS
	5580	SISO	10.67	≤23.98	PASS
	5600	SISO	11.69	≤23.98	PASS
	5700	SISO	12.04	≤23.98	PASS
	5745	SISO	10.84	≤30.00	PASS
	5785	SISO	11.03	≤30.00	PASS
	5825	SISO	11.08	≤30.00	PASS
802.11n(HT20)	5180	SISO	12.25	≤23.98	PASS
	5200	SISO	12.36	≤23.98	PASS
	5240	SISO	12.68	≤23.98	PASS
	5260	SISO	12.64	≤23.98	PASS
	5300	SISO	12.97	≤23.98	PASS
	5320	SISO	13.10	≤23.98	PASS
	5500	SISO	11.04	≤23.98	PASS
	5580	SISO	10.23	≤23.98	PASS
	5600	SISO	11.32	≤23.98	PASS
	5700	SISO	11.85	≤23.98	PASS
	5745	SISO	10.39	≤30.00	PASS
	5785	SISO	10.55	≤30.00	PASS
	5825	SISO	10.59	≤30.00	PASS
802.11n(HT40)	5190	SISO	10.81	≤23.98	PASS
	5230	SISO	12.01	≤23.98	PASS
	5270	SISO	12.18	≤23.98	PASS
	5310	SISO	12.63	≤23.98	PASS
	5510	SISO	11.89	≤23.98	PASS

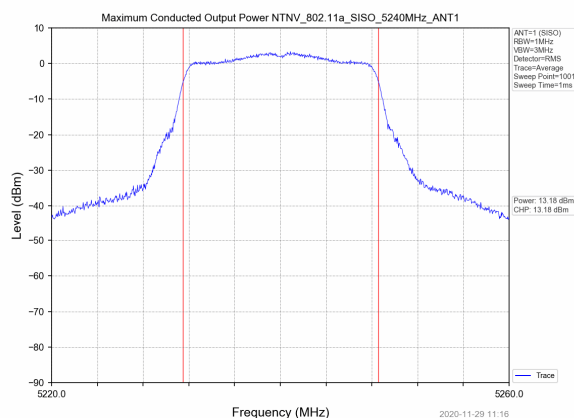
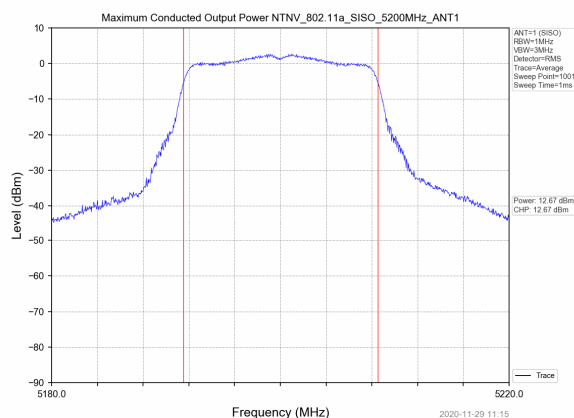
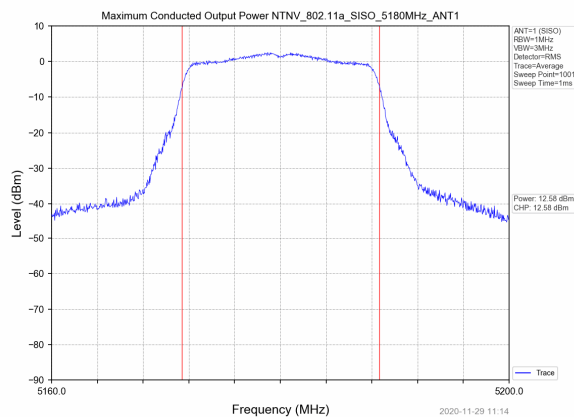
	5550	SISO	11.58	≤23.98	PASS
	5590	SISO	11.88	≤23.98	PASS
	5670	SISO	11.53	≤23.98	PASS
	5755	SISO	10.21	≤30.00	PASS
	5795	SISO	10.45	≤30.00	PASS
802.11ac(VHT20)	5180	SISO	12.16	≤23.98	PASS
	5200	SISO	12.34	≤23.98	PASS
	5240	SISO	12.83	≤23.98	PASS
	5260	SISO	11.31	≤23.98	PASS
	5300	SISO	11.98	≤23.98	PASS
	5320	SISO	10.41	≤23.98	PASS
	5500	SISO	9.47	≤23.98	PASS
	5580	SISO	9.23	≤23.98	PASS
	5600	SISO	9.14	≤23.98	PASS
	5700	SISO	9.35	≤23.98	PASS
	5745	SISO	9.36	≤30.00	PASS
	5785	SISO	9.44	≤30.00	PASS
	5825	SISO	9.54	≤30.00	PASS
802.11ac(VHT40)	5190	SISO	8.56	≤23.98	PASS
	5230	SISO	9.10	≤23.98	PASS
	5270	SISO	9.66	≤23.98	PASS
	5310	SISO	10.26	≤23.98	PASS
	5510	SISO	9.27	≤23.98	PASS
	5550	SISO	9.09	≤23.98	PASS
	5590	SISO	9.10	≤23.98	PASS
	5670	SISO	9.65	≤23.98	PASS
	5755	SISO	10.84	≤30.00	PASS
	5795	SISO	10.44	≤30.00	PASS
802.11ac(VHT80)	5210	SISO	8.97	≤23.98	PASS
	5290	SISO	9.97	≤23.98	PASS
	5530	SISO	9.44	≤23.98	PASS
	5610	SISO	9.18	≤23.98	PASS
	5775	SISO	9.49	≤30.00	PASS



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1.2 Test Graph

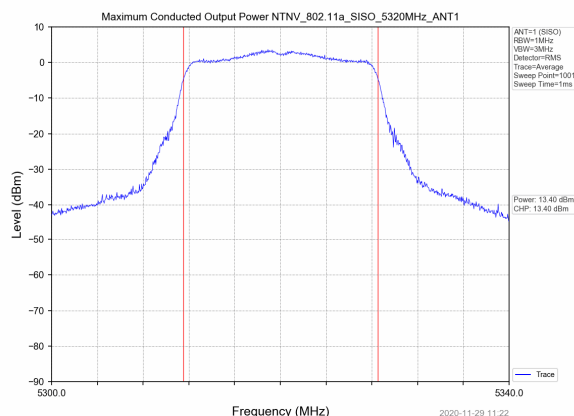
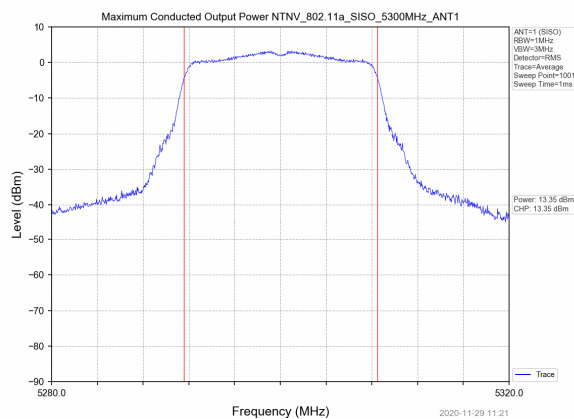
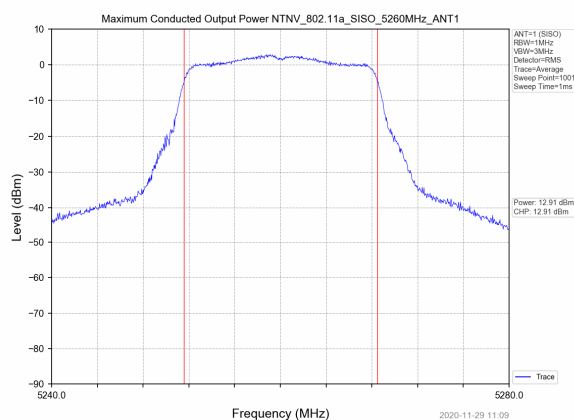


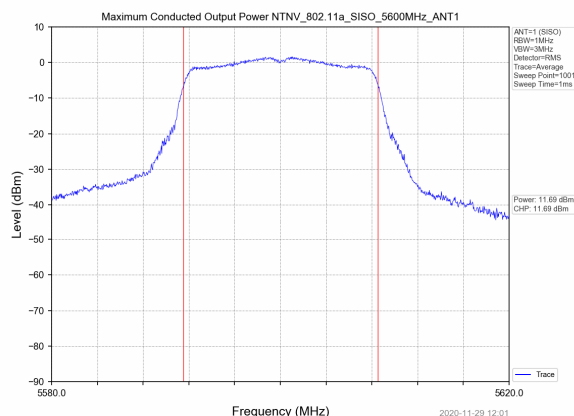
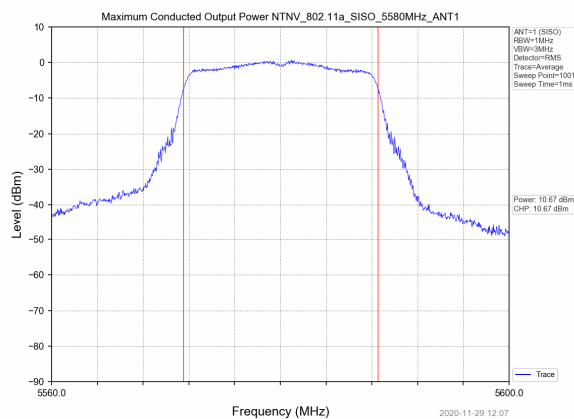
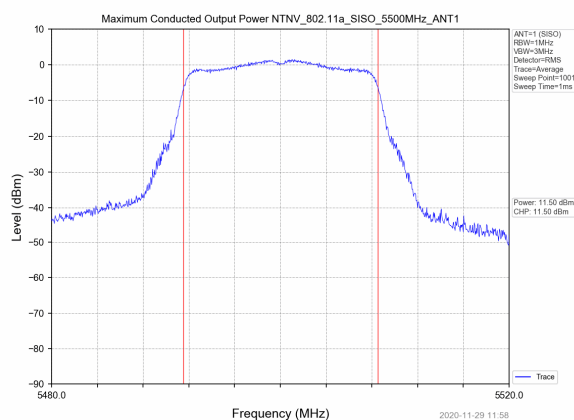
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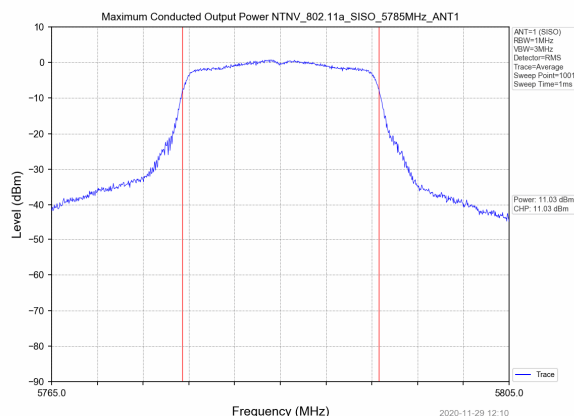
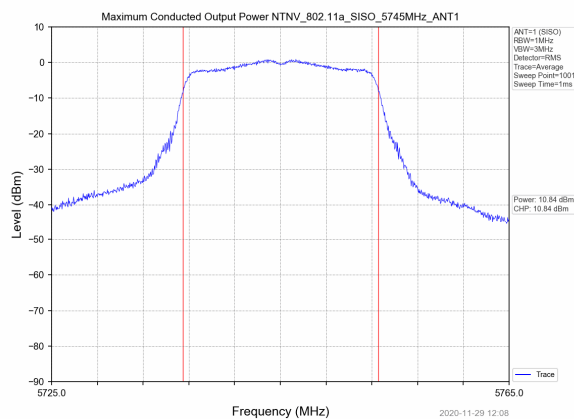
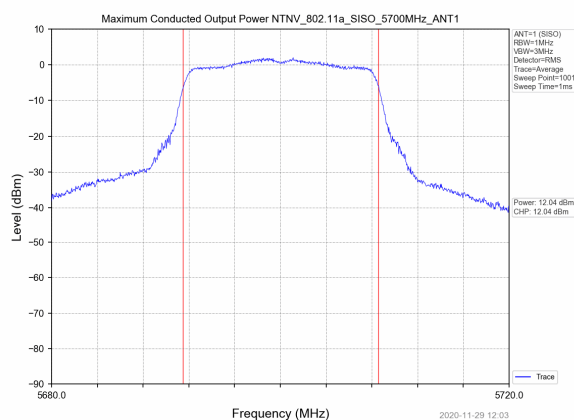
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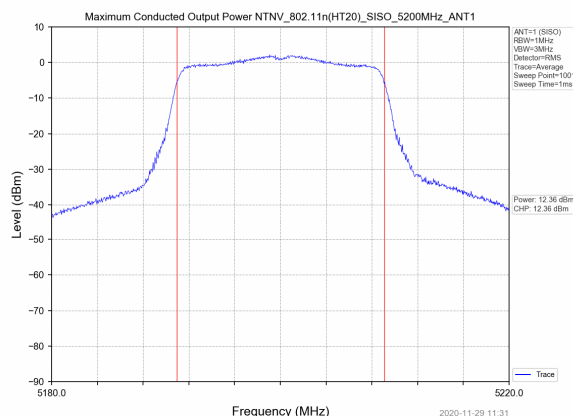
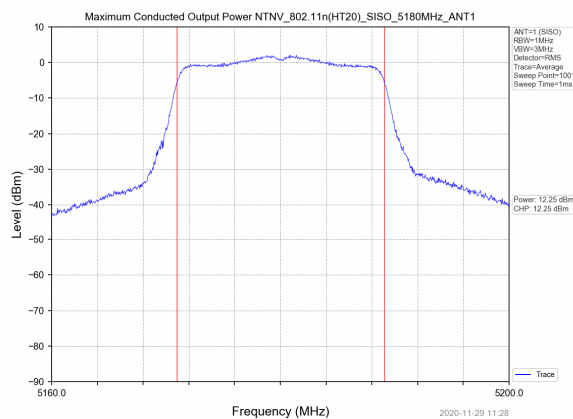
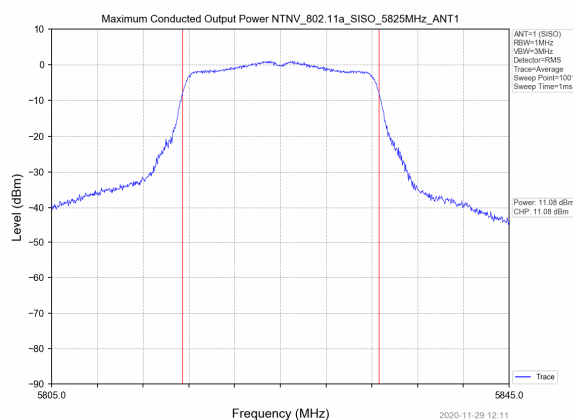
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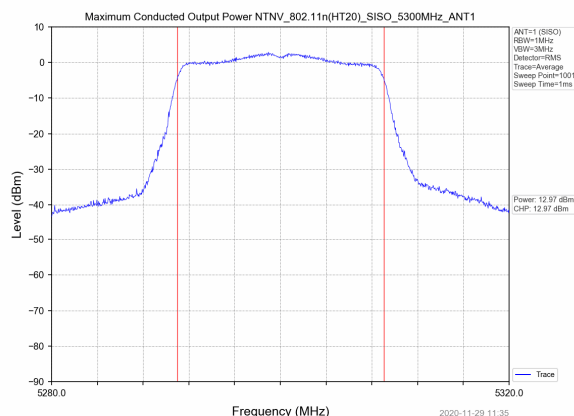
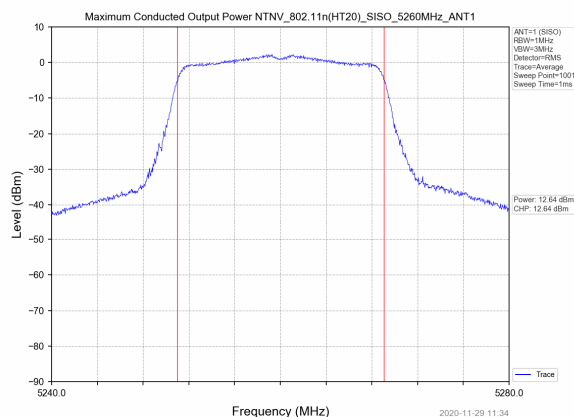
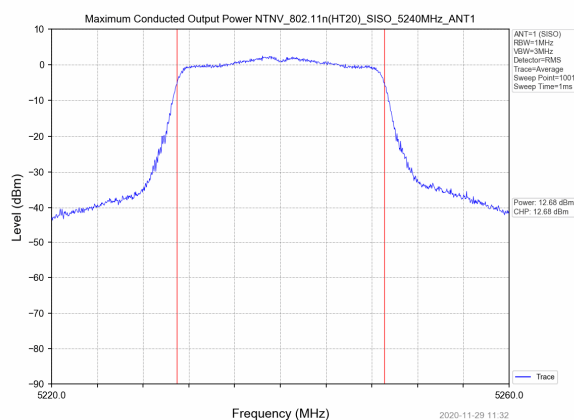
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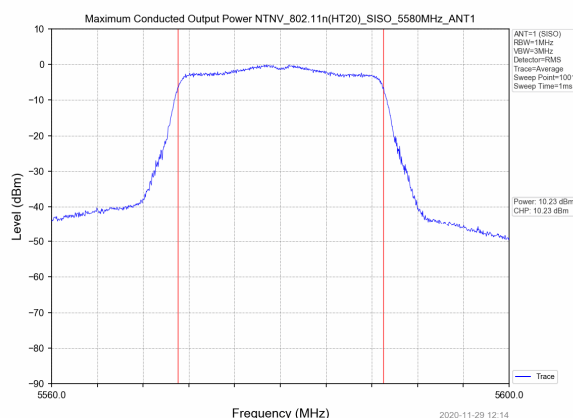
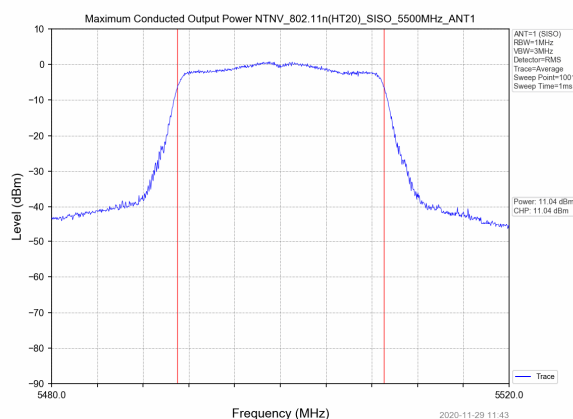
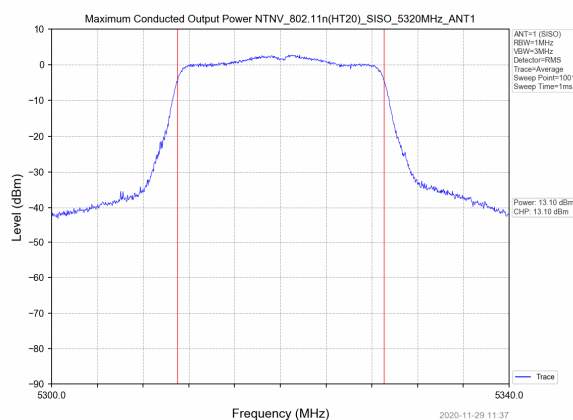


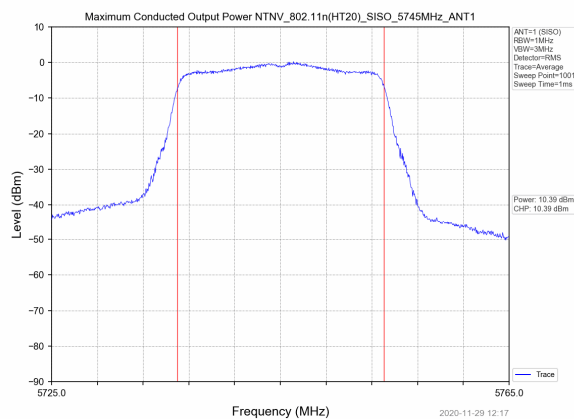
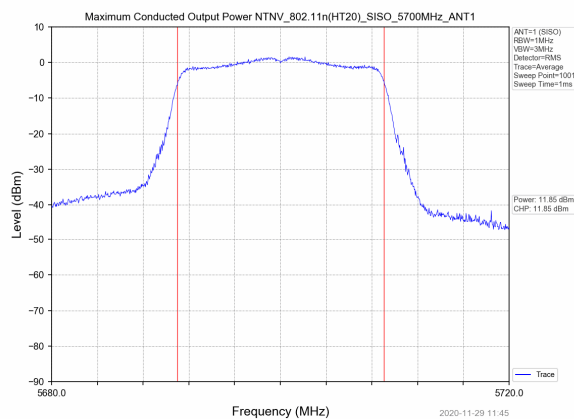
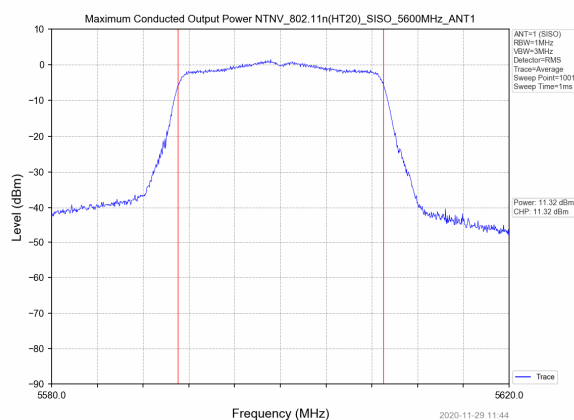


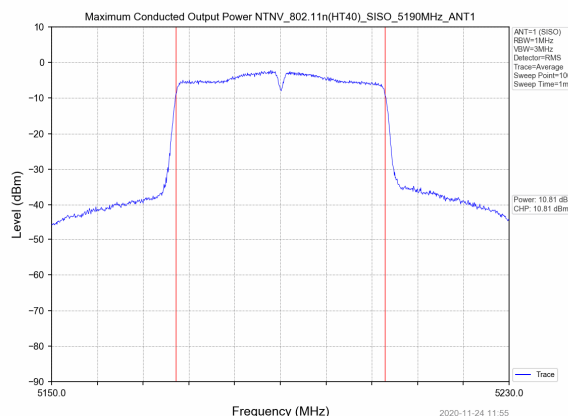
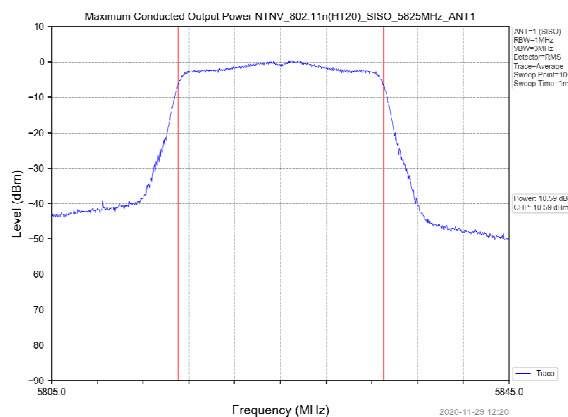
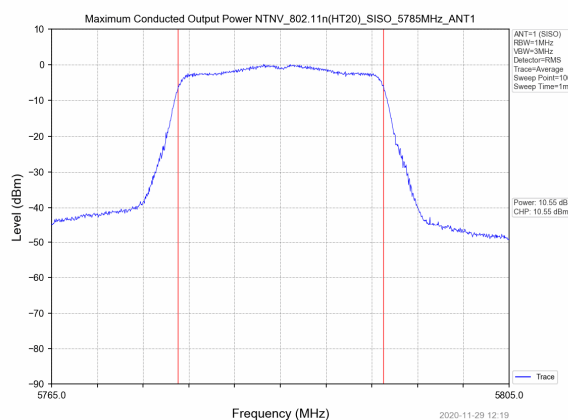


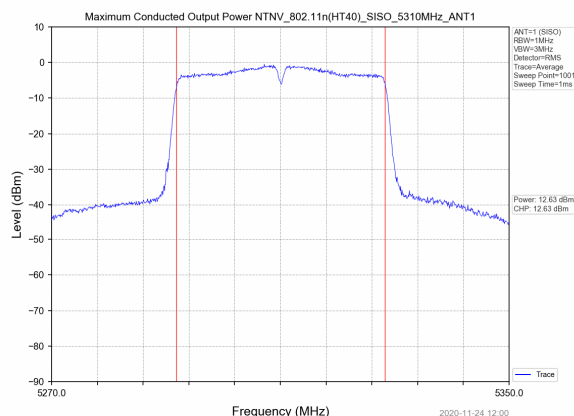
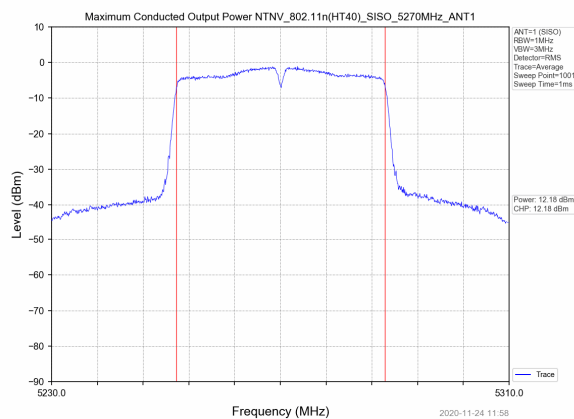
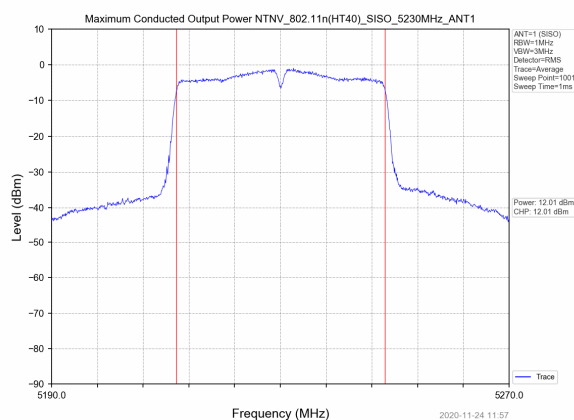


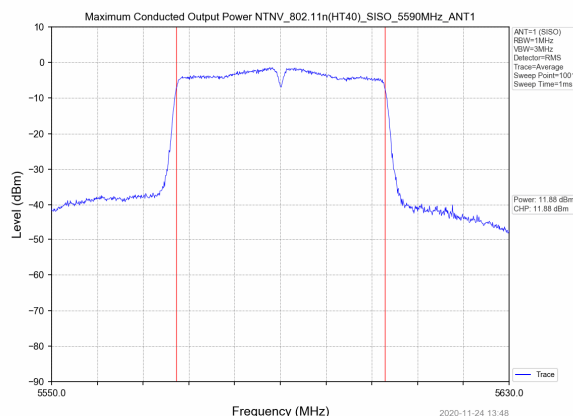
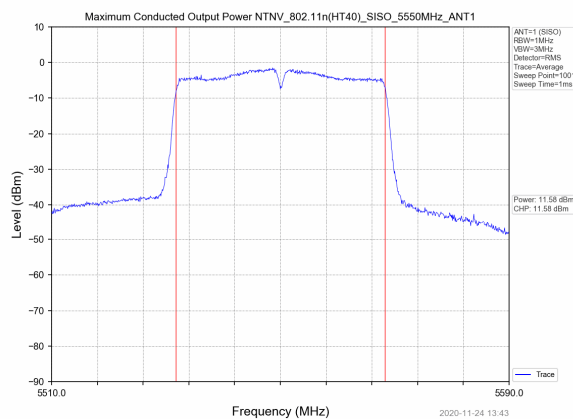
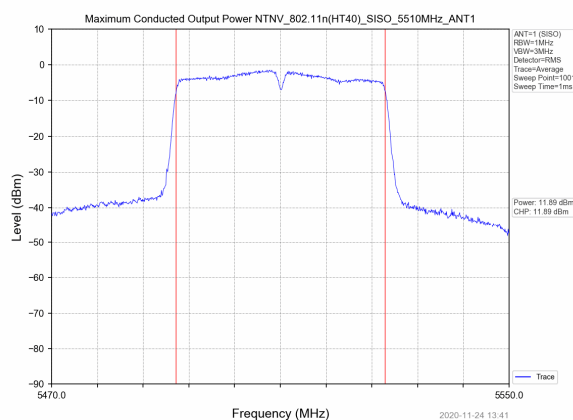


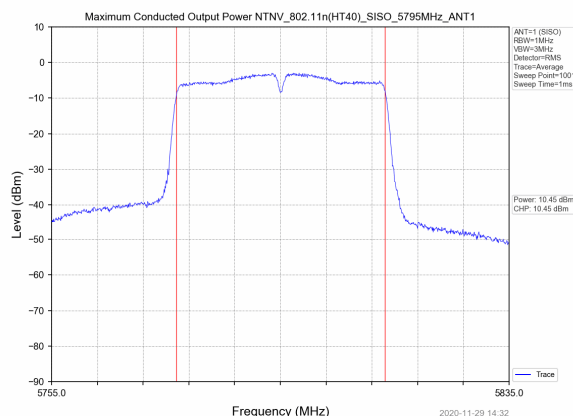
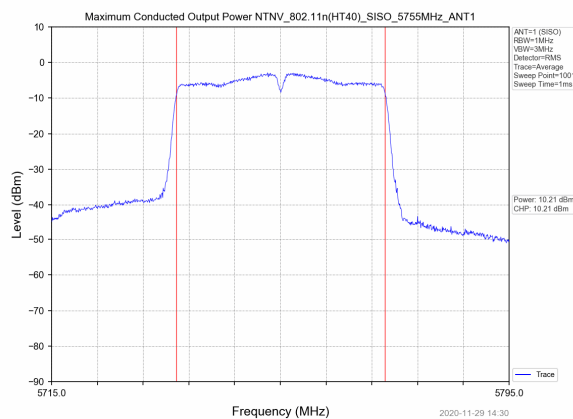
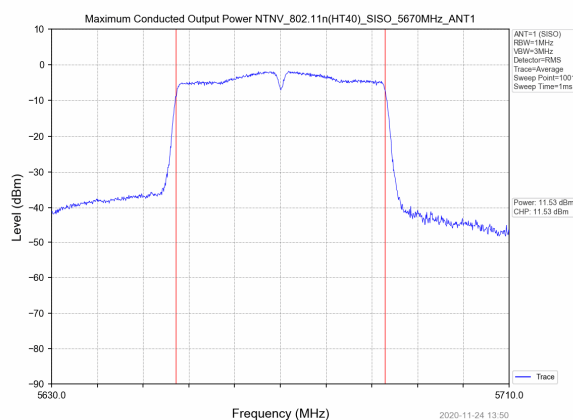


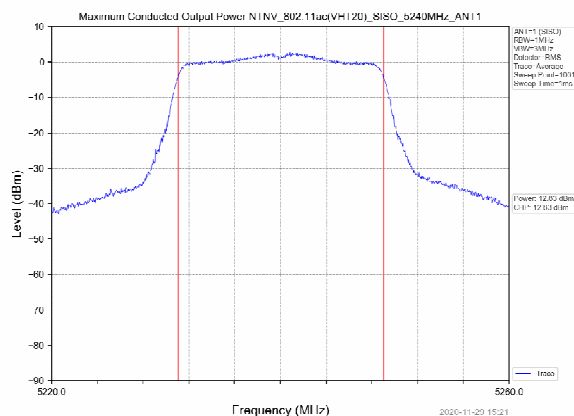
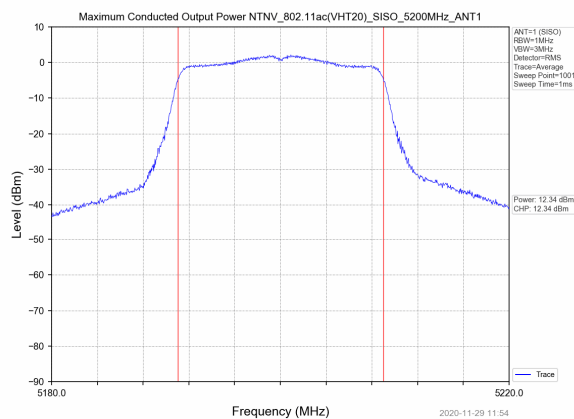
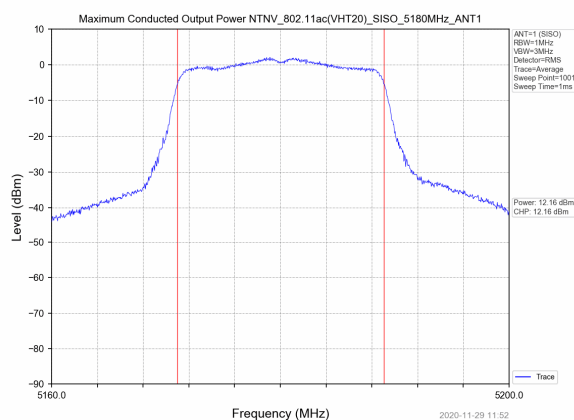


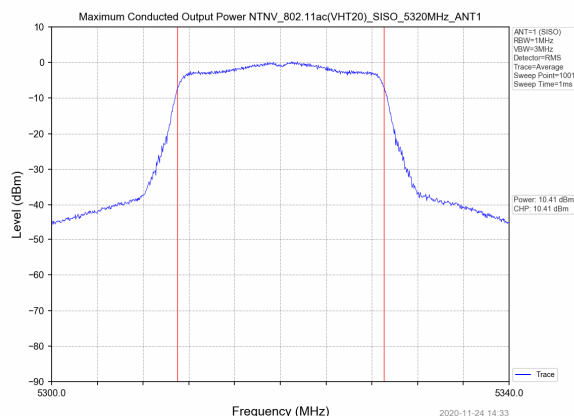
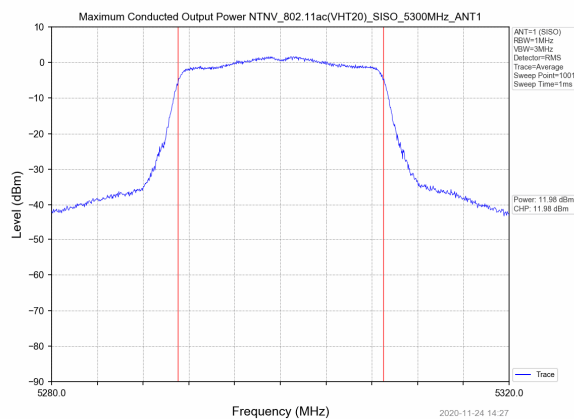
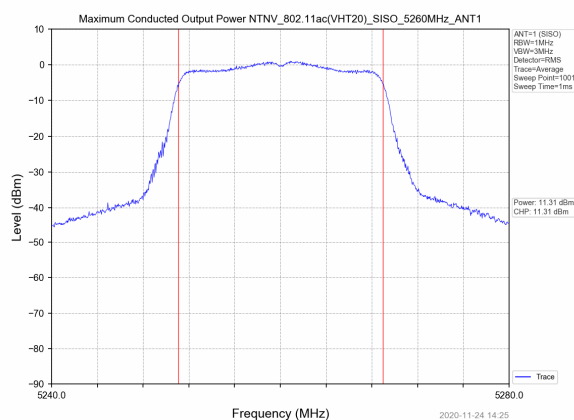


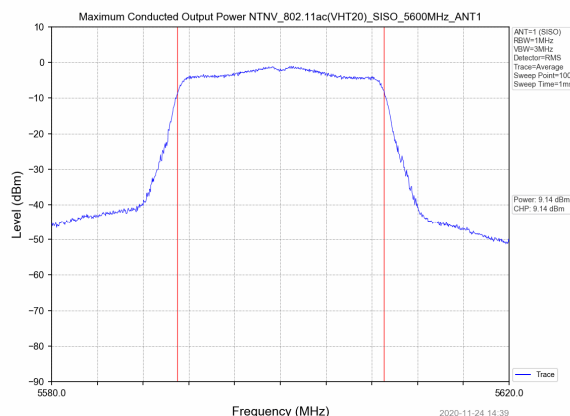
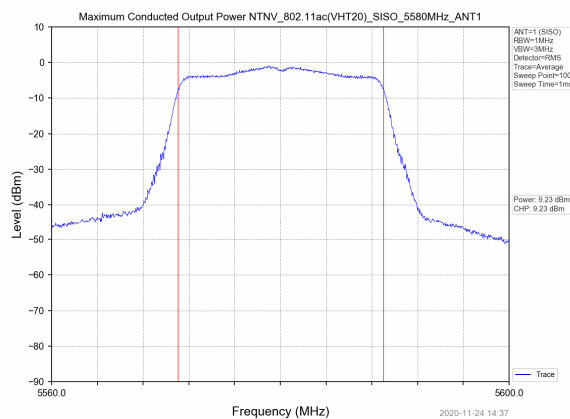
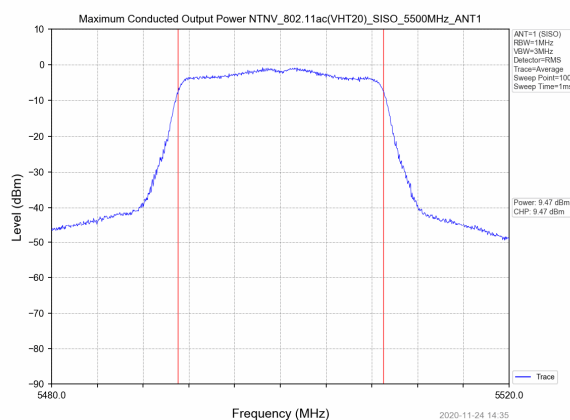


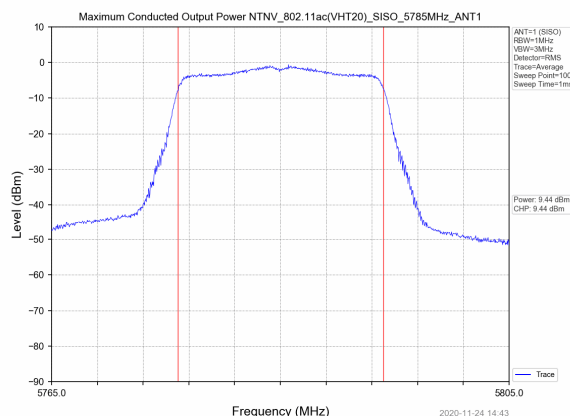
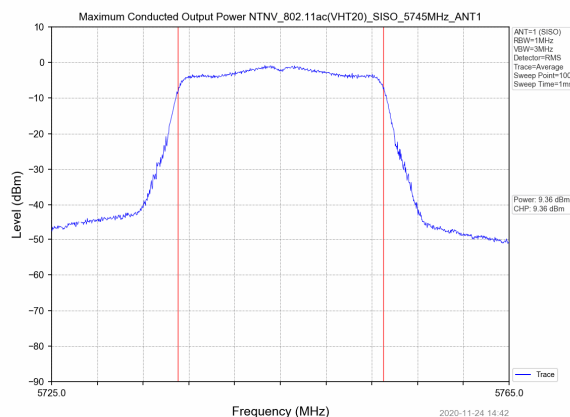
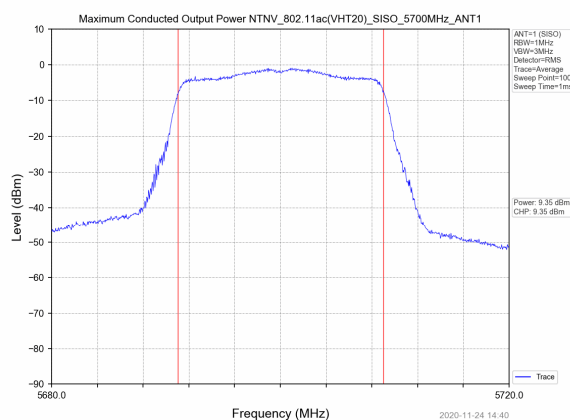


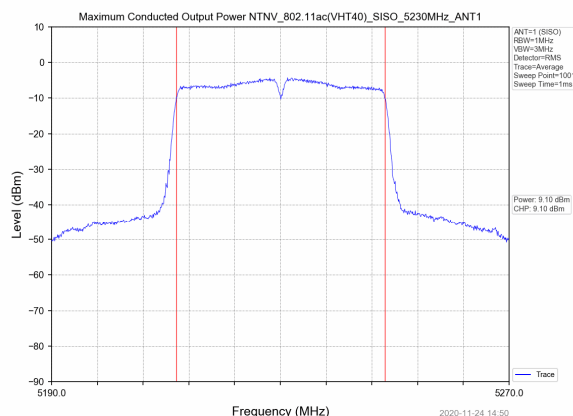
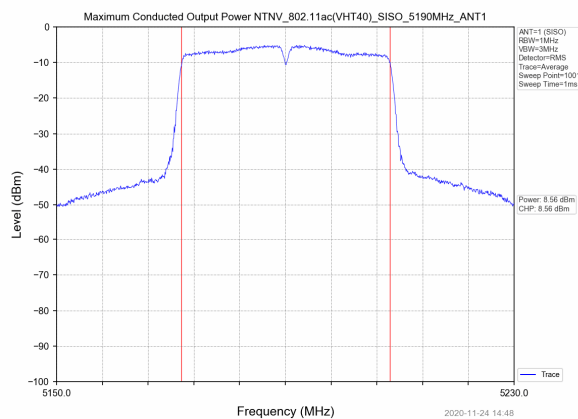
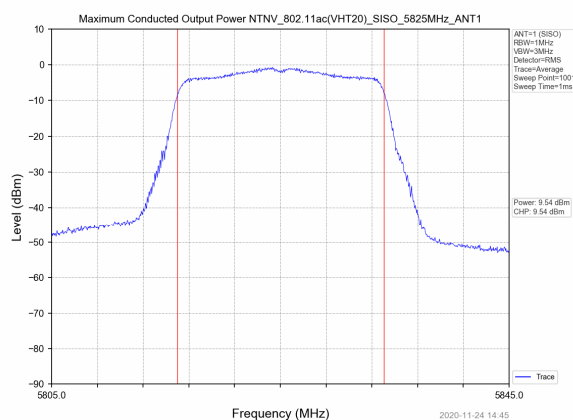


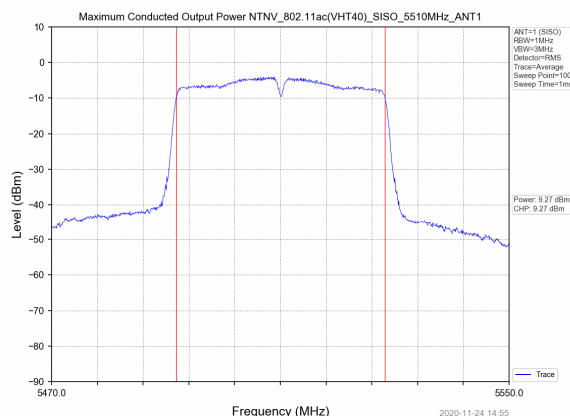
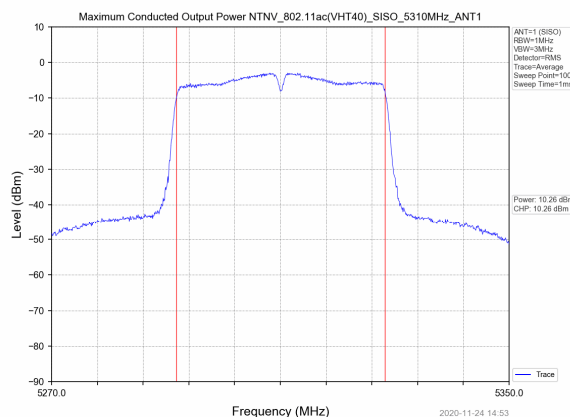
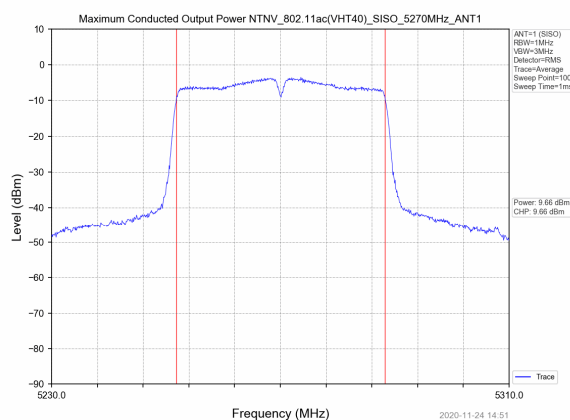


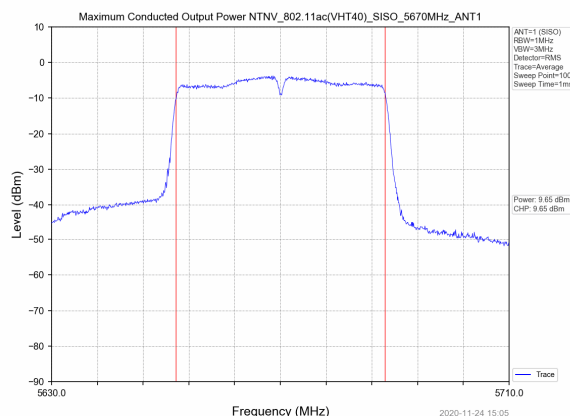
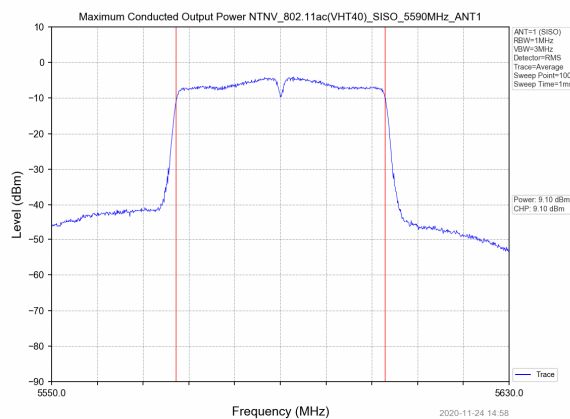
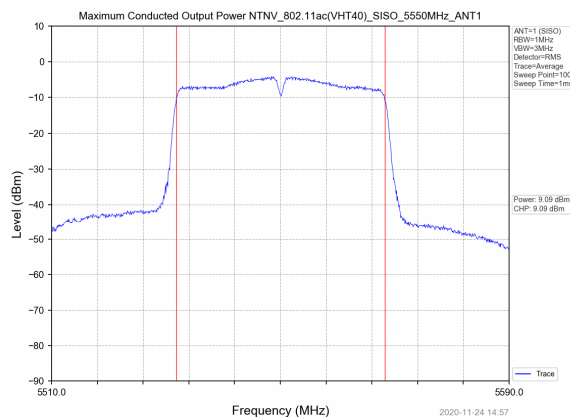


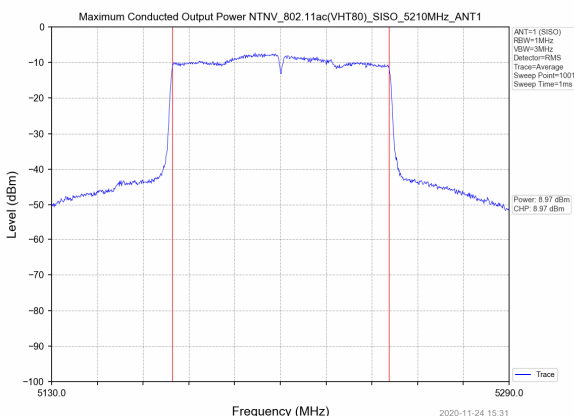
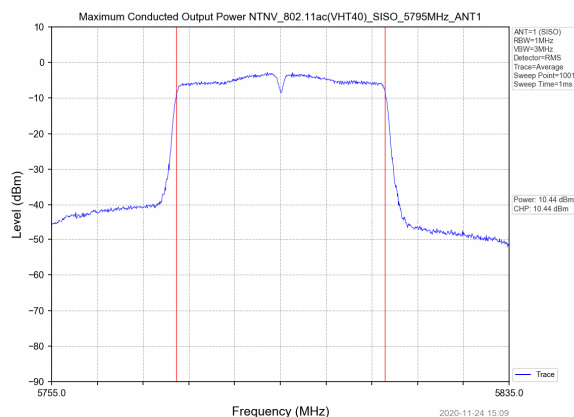
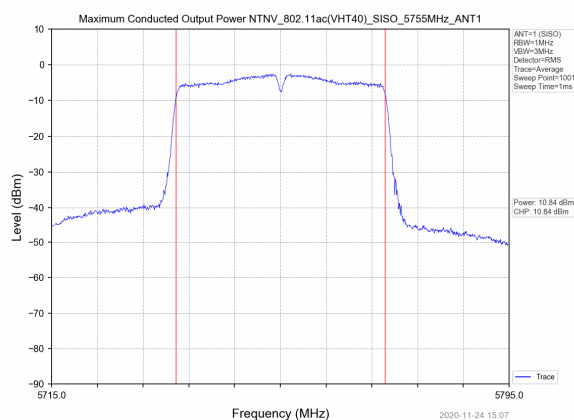










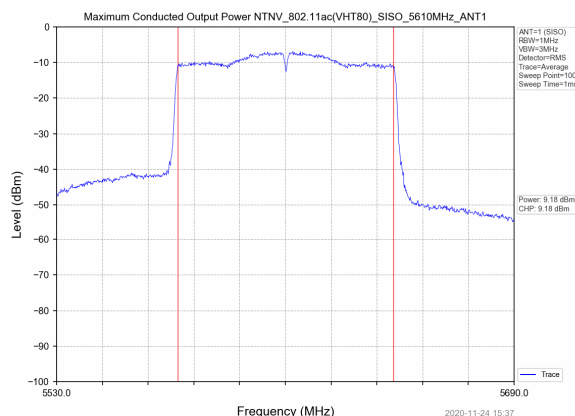
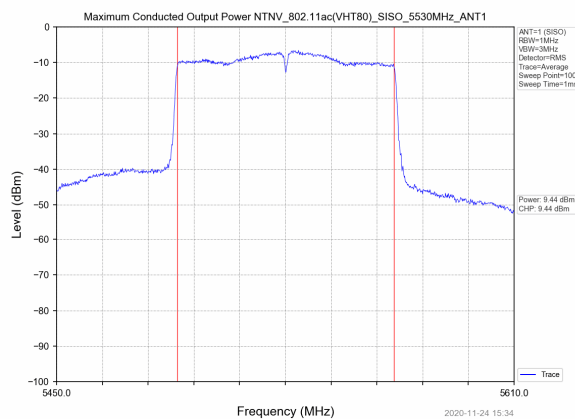
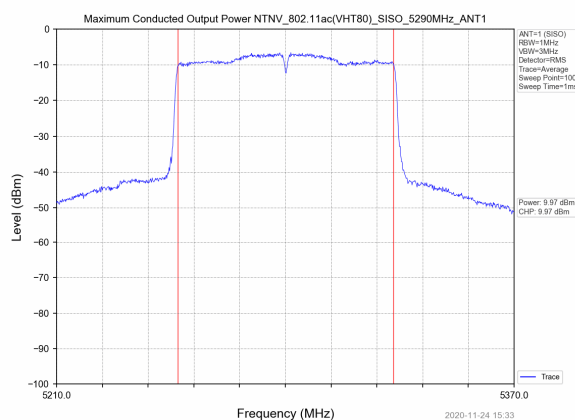


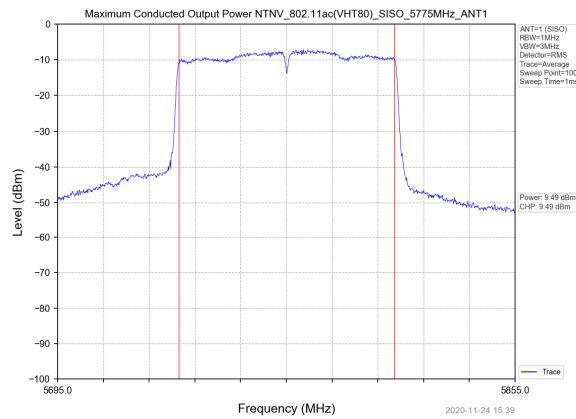
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4. Maximum Power Spectral Density (PSD)

4.1 Test Result

Test Mode	Frequency (MHz)	Tx Type	Maximum Power Spectral Density (dBm/MHz)	Limits (dBm/MHz)	Verdict
			Ant 1		
802.11a	5180	SISO	2.95	≤11	PASS
	5200	SISO	3.13	≤11	PASS
	5240	SISO	3.59	≤11	PASS
	5260	SISO	3.43	≤11	PASS
	5300	SISO	3.73	≤11	PASS
	5320	SISO	3.62	≤11	PASS
	5500	SISO	1.81	≤11	PASS
	5580	SISO	1.19	≤11	PASS
	5600	SISO	1.90	≤11	PASS
	5700	SISO	2.47	≤11	PASS
802.11n(HT20)	5180	SISO	2.54	≤11	PASS
	5200	SISO	2.46	≤11	PASS
	5240	SISO	2.76	≤11	PASS
	5260	SISO	3.40	≤11	PASS
	5300	SISO	3.32	≤11	PASS
	5320	SISO	3.35	≤11	PASS
	5500	SISO	1.23	≤11	PASS
	5580	SISO	0.26	≤11	PASS
	5600	SISO	1.55	≤11	PASS
	5700	SISO	2.18	≤11	PASS
802.11ac(VHT20)	5180	SISO	2.43	≤11	PASS
	5200	SISO	2.57	≤11	PASS
	5240	SISO	2.87	≤11	PASS

Test Mode	Frequency (MHz)	Tx Type	Maximum Power Spectral Density (dBm/500kHz)	Limits (dBm/500kHz)	Verdict
			Ant 1		
802.11a	5745	SISO	-1.56	≤30	PASS
	5785	SISO	-1.59	≤30	PASS
	5825	SISO	-1.25	≤30	PASS
802.11n(HT20)	5745	SISO	-2.32	≤30	PASS
	5785	SISO	-1.72	≤30	PASS
	5825	SISO	-2.06	≤30	PASS



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802.11n(HT40)	5755	SISO	-5.12	≤30	PASS
	5795	SISO	-4.55	≤30	PASS

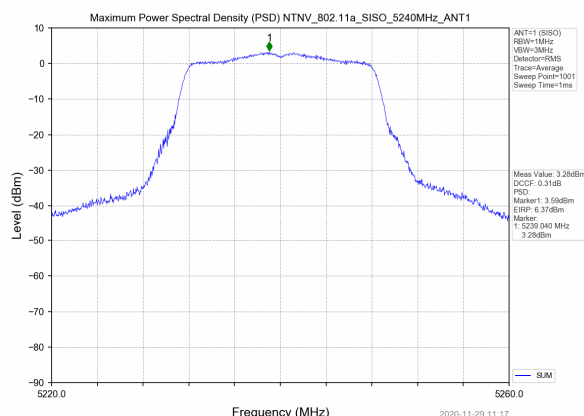
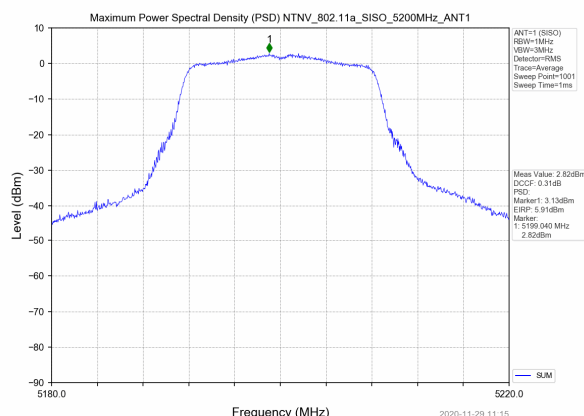
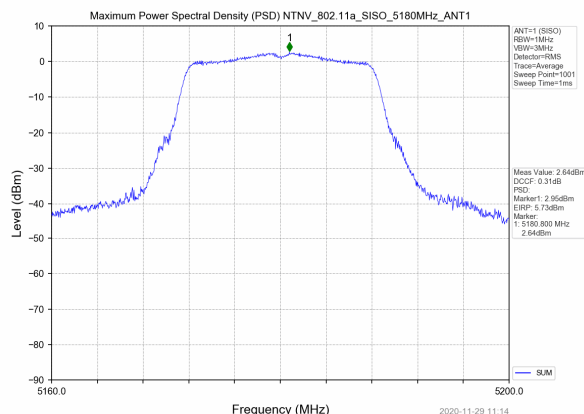
Test Mode	Frequency (MHz)	Tx Type	EIRP (dBm/MHz)	Limits (dBm)	Verdict
			Ant 1		
802.11a	5180	SISO	5.73	≤10	PASS
	5200	SISO	5.91	≤10	PASS
	5240	SISO	6.37	≤10	PASS
	5260	SISO	0.00	≤/	PASS
	5300	SISO	0.00	≤/	PASS
	5320	SISO	0.00	≤/	PASS
	5500	SISO	0.00	≤/	PASS
	5580	SISO	0.00	≤/	PASS
	5600	SISO	0.00	≤/	PASS
	5700	SISO	0.00	≤/	PASS
	5745	SISO	0.00	≤/	PASS
	5785	SISO	0.00	≤/	PASS
	5825	SISO	0.00	≤/	PASS
802.11n(HT20)	5180	SISO	5.32	≤10	PASS
	5200	SISO	5.24	≤10	PASS
	5240	SISO	5.54	≤10	PASS
	5260	SISO	0.00	≤/	PASS
	5300	SISO	0.00	≤/	PASS
	5320	SISO	0.00	≤/	PASS
	5500	SISO	0.00	≤/	PASS
	5580	SISO	0.00	≤/	PASS
	5600	SISO	0.00	≤/	PASS
	5700	SISO	0.00	≤/	PASS
	5745	SISO	0.00	≤/	PASS
	5785	SISO	0.00	≤/	PASS
	5825	SISO	0.00	≤/	PASS
802.11n(HT40)	5755	SISO	0.00	≤/	PASS
	5795	SISO	0.00	≤/	PASS
802.11ac(VHT20)	5180	SISO	5.21	≤10	PASS
	5200	SISO	5.35	≤10	PASS
	5240	SISO	5.65	≤10	PASS



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4.2 Test Graph

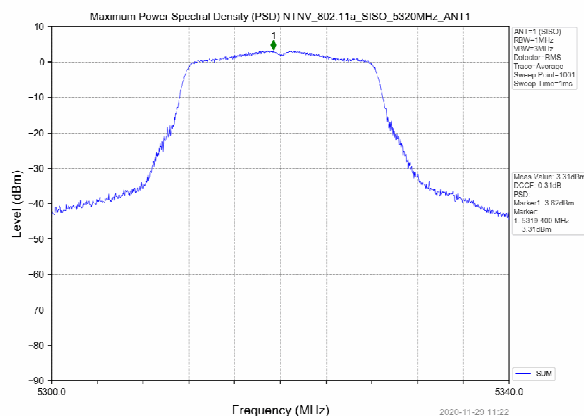
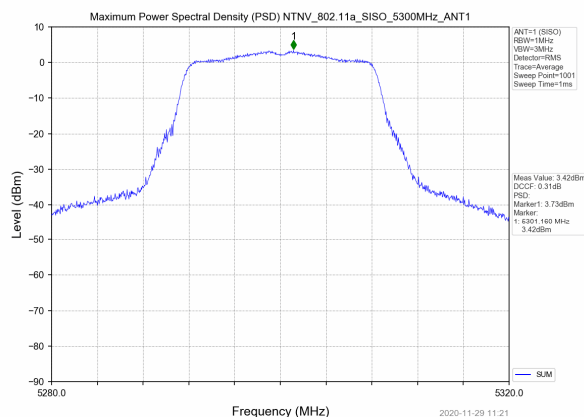
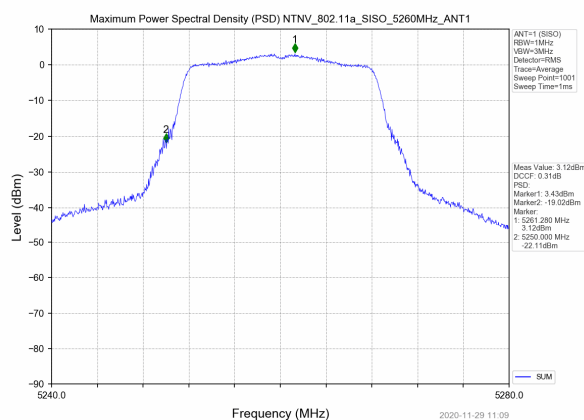


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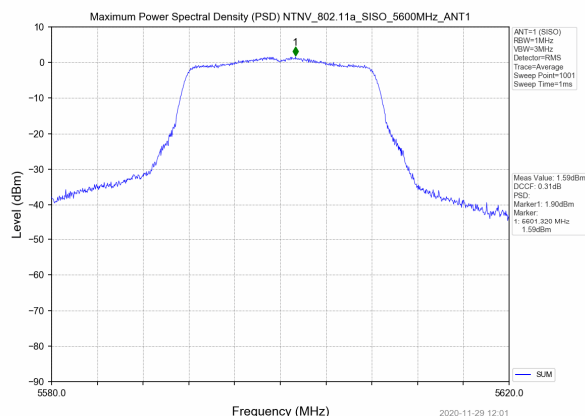
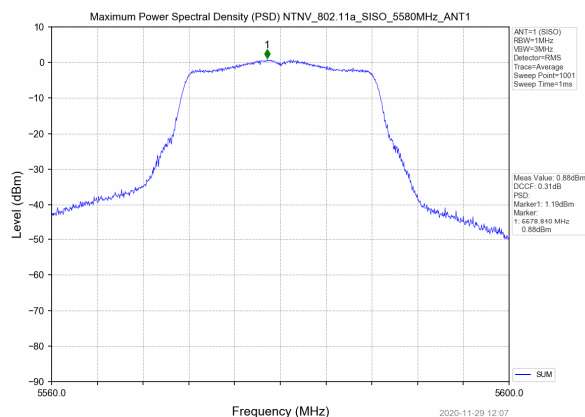
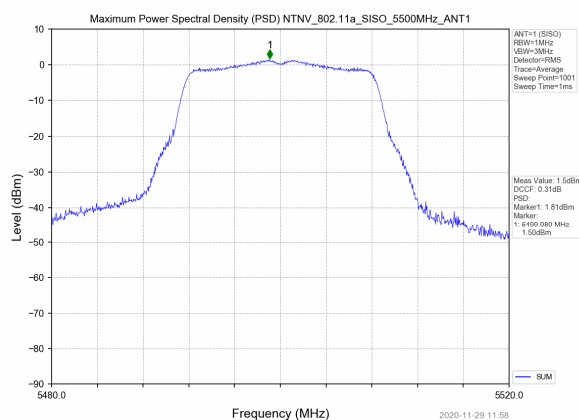


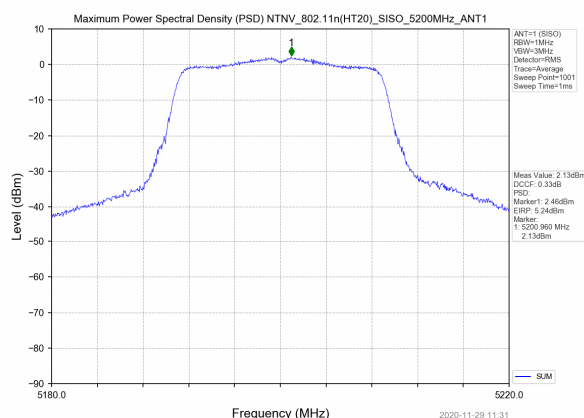
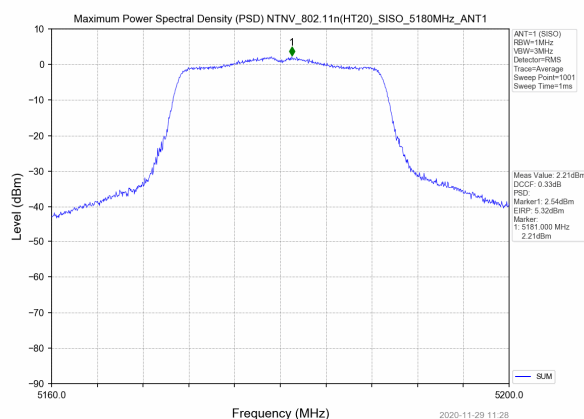
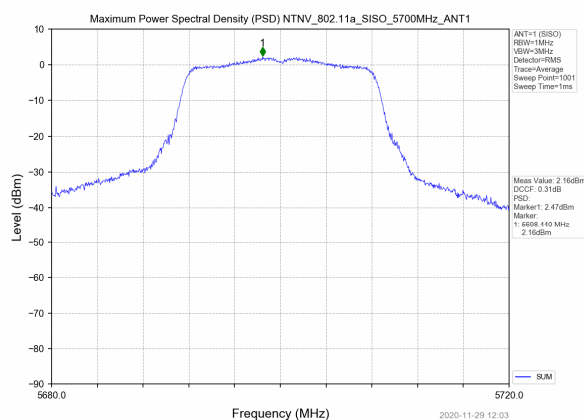
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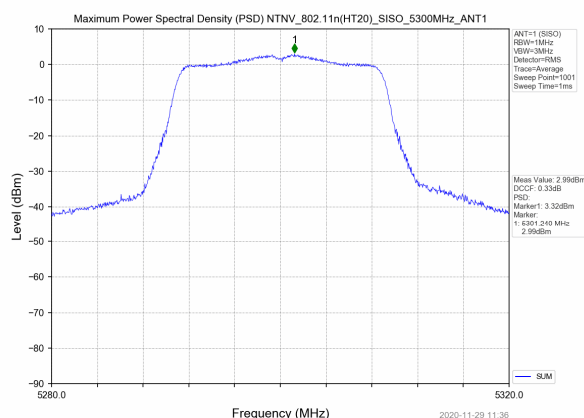
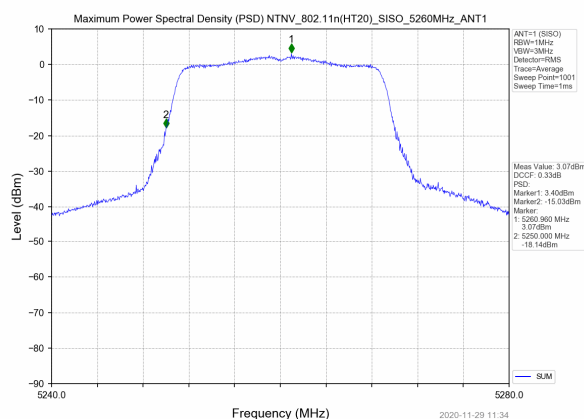
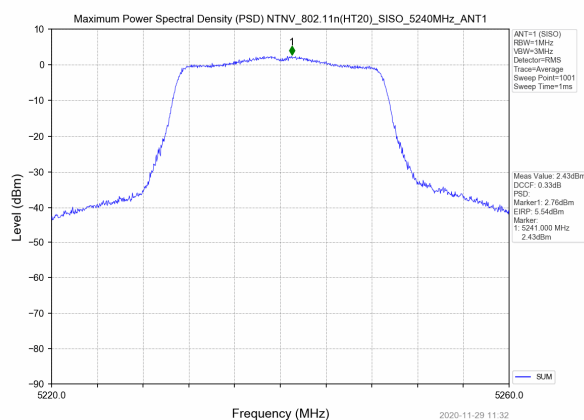
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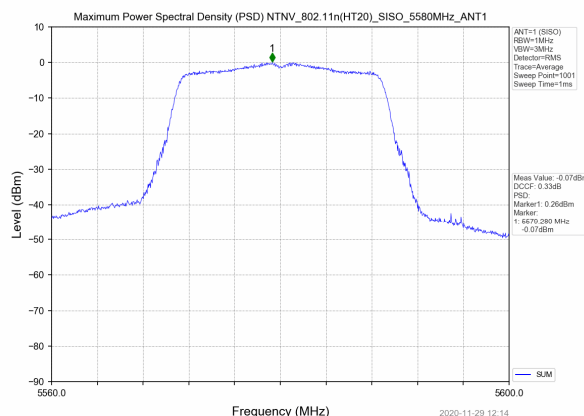
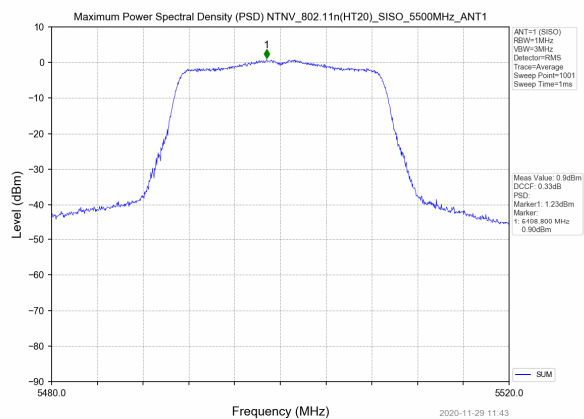
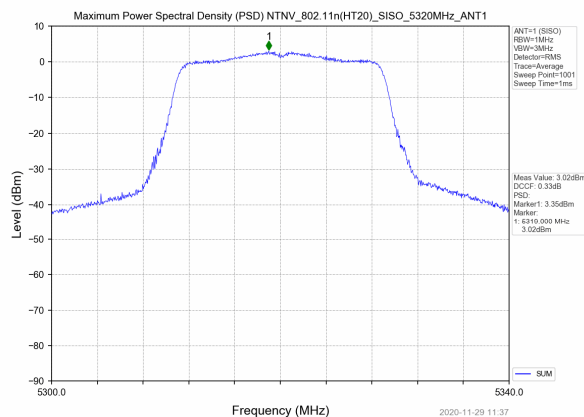
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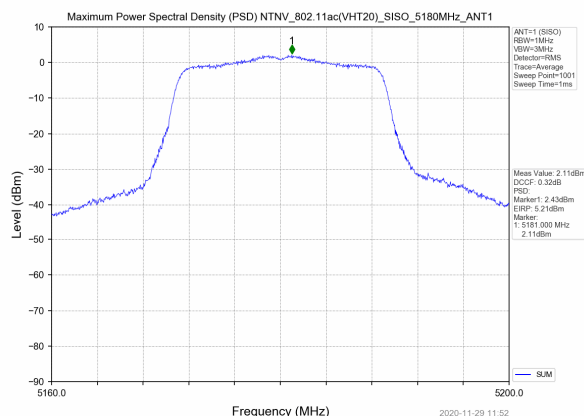
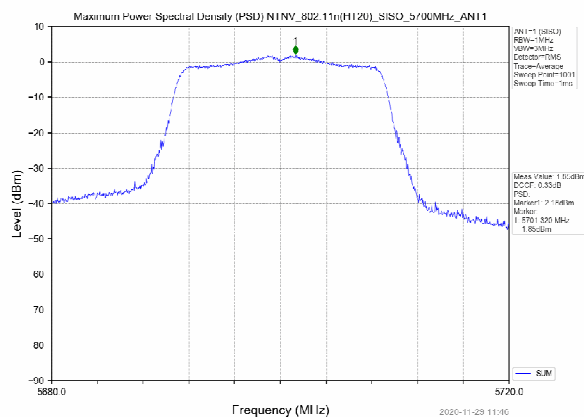
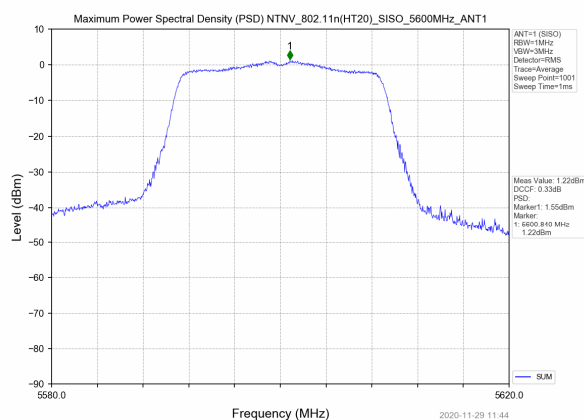
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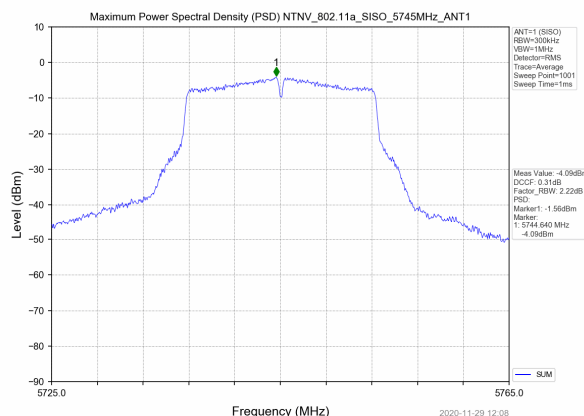
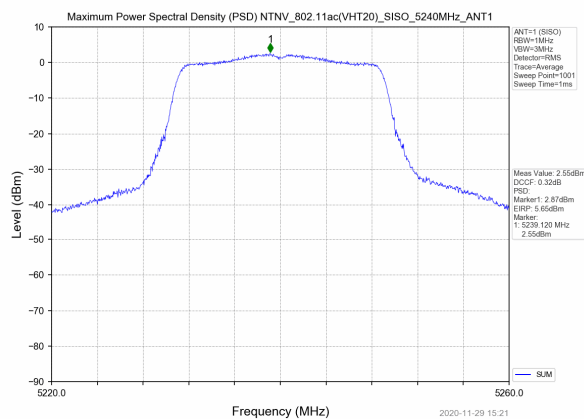
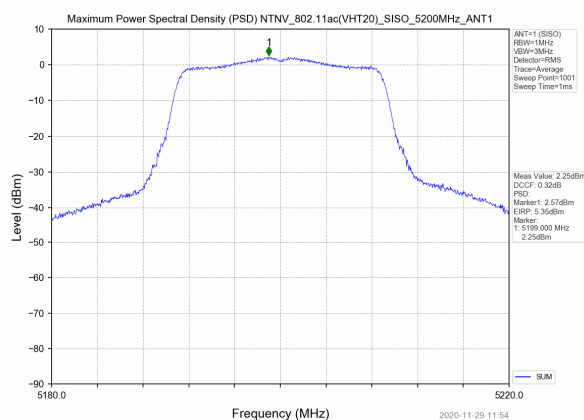


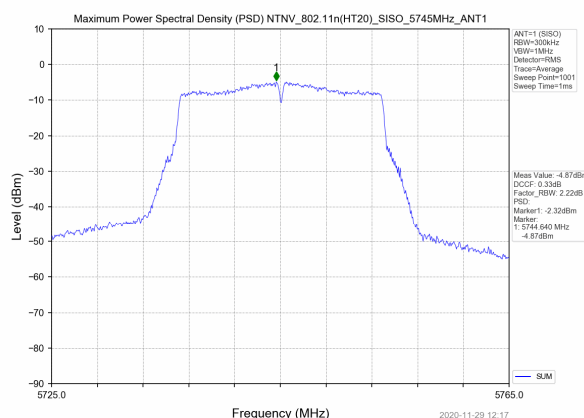
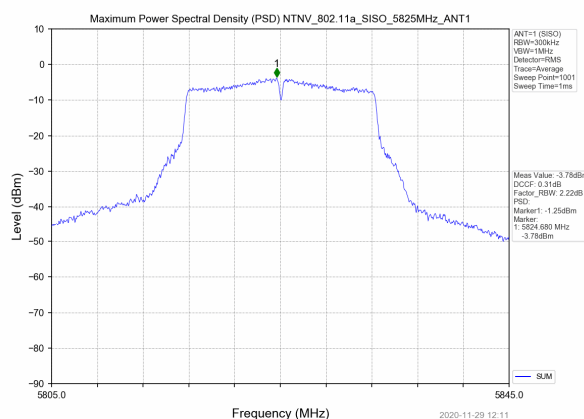
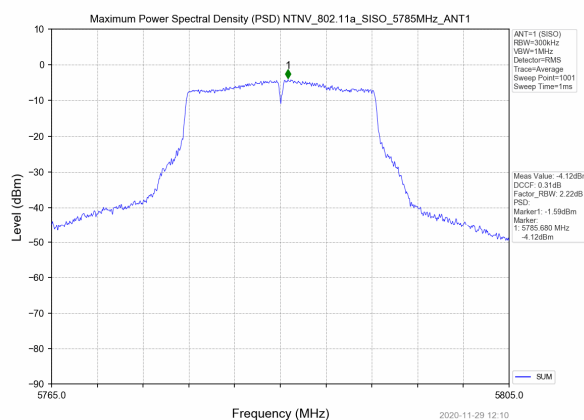


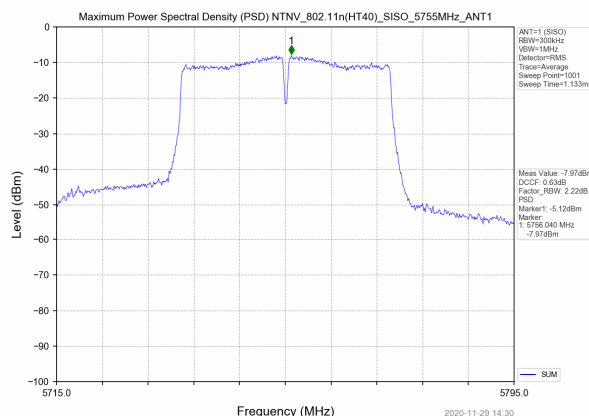
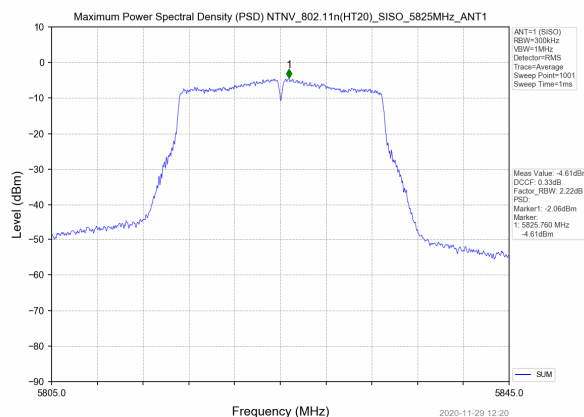
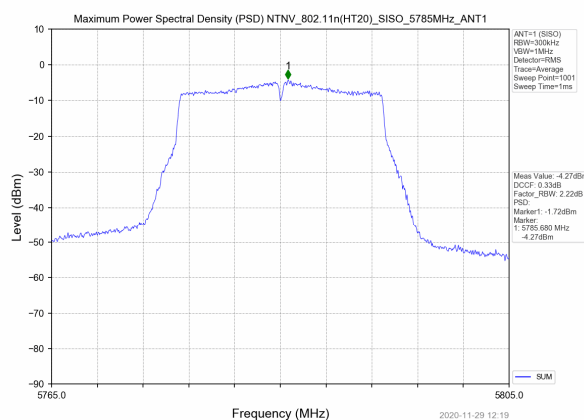


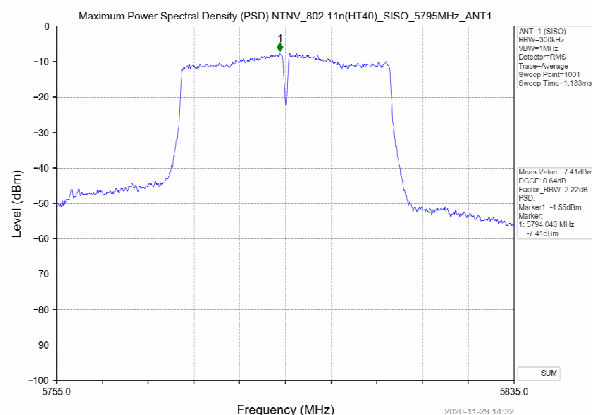
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