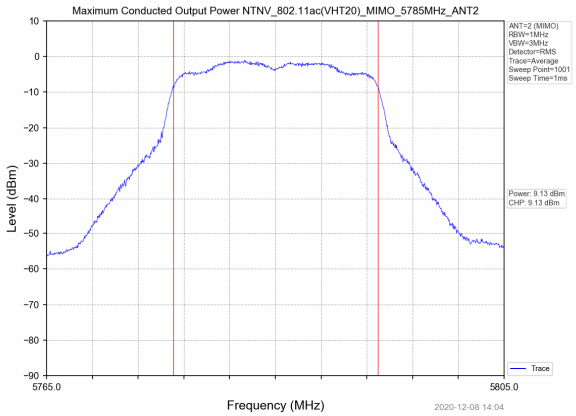

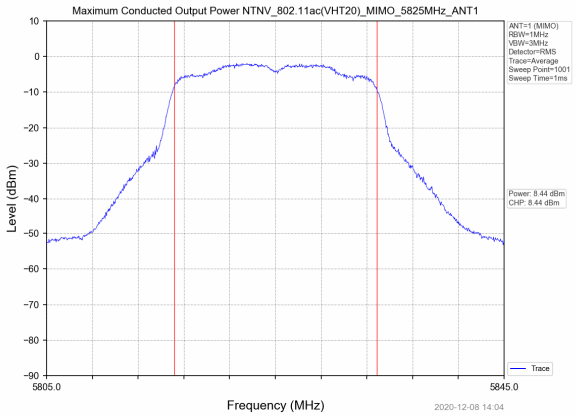

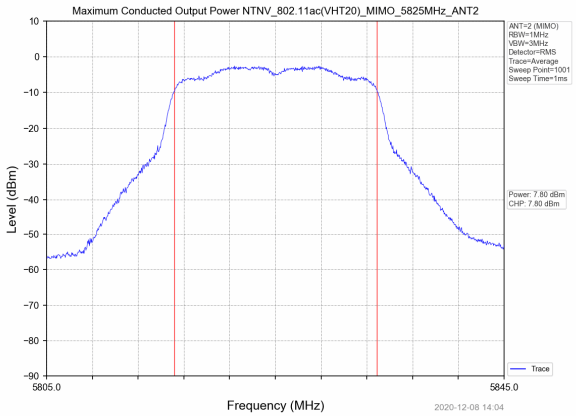

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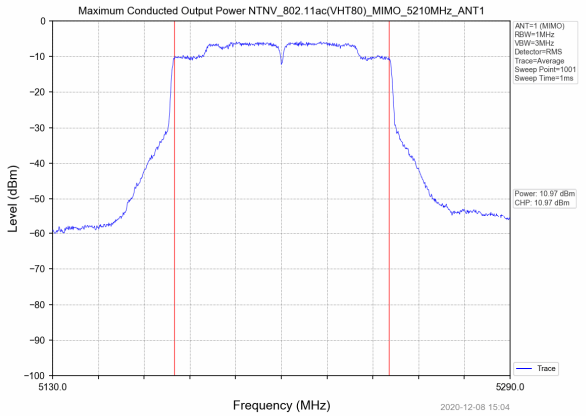

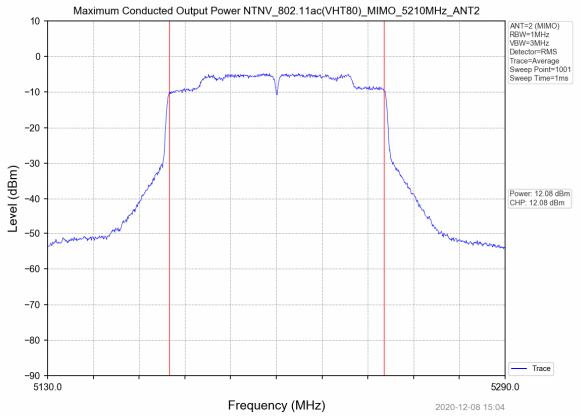

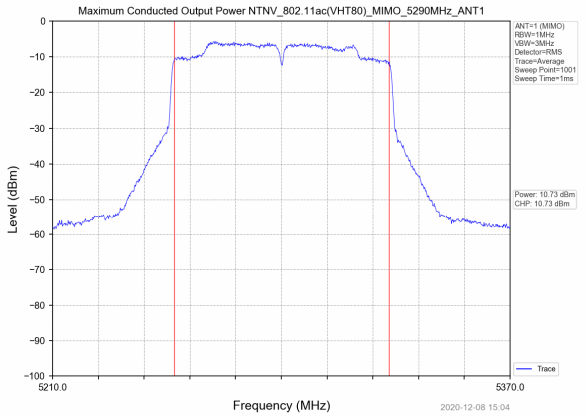

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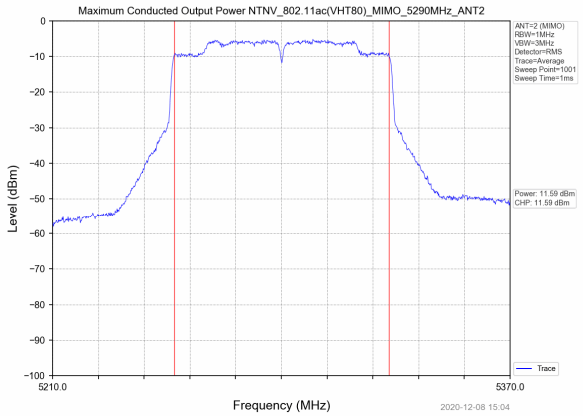

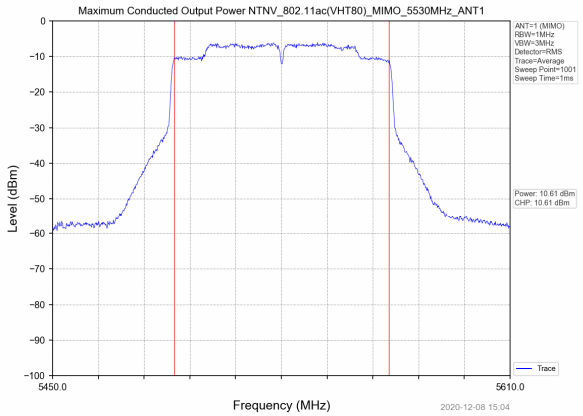

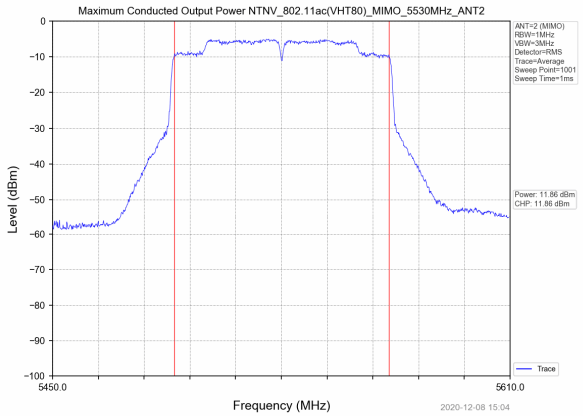

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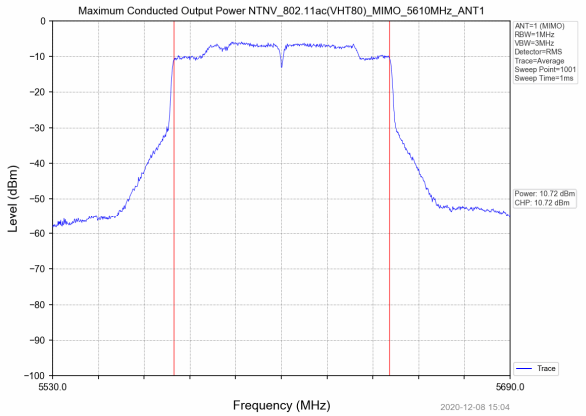

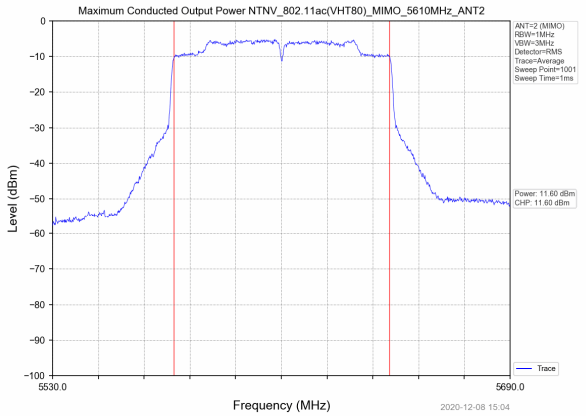

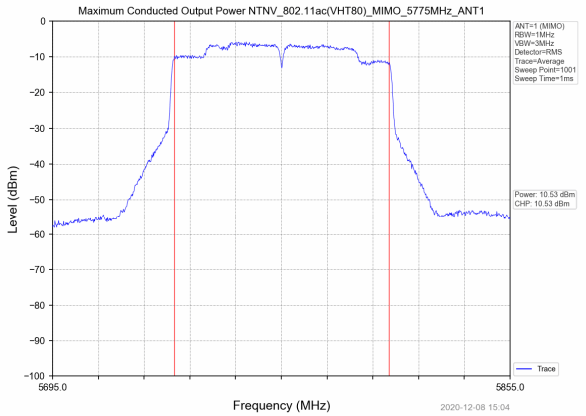

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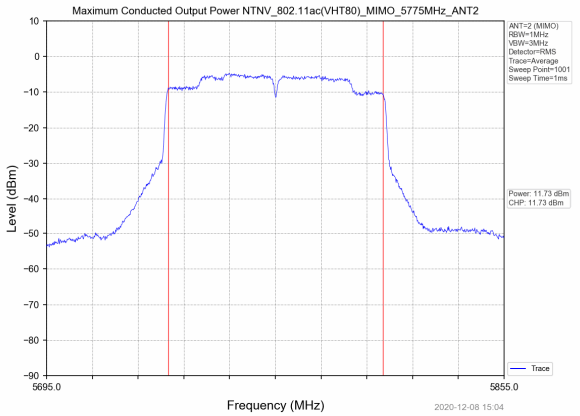

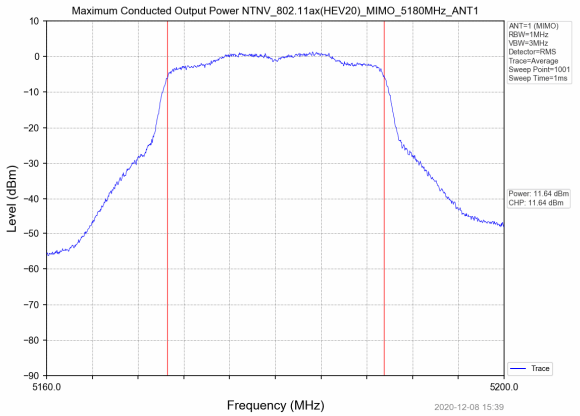

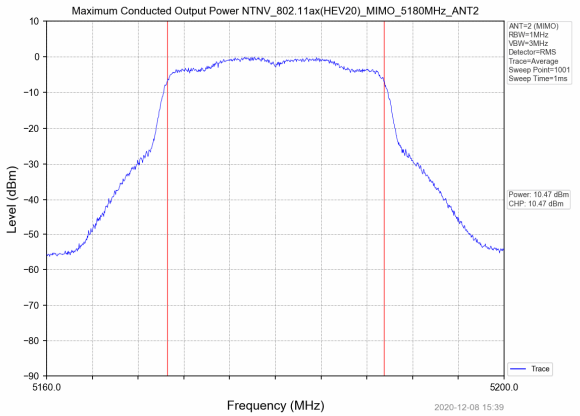

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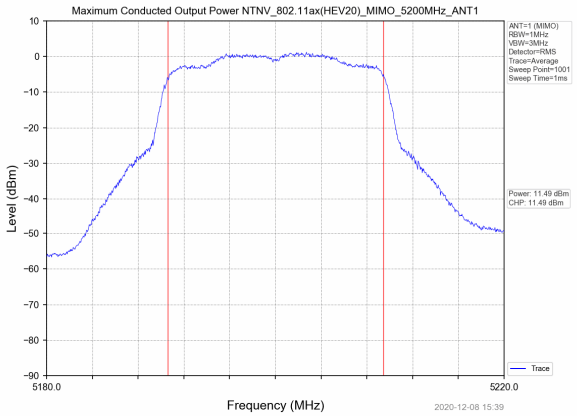

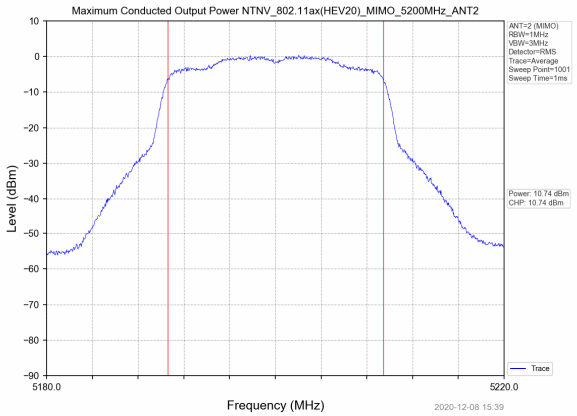

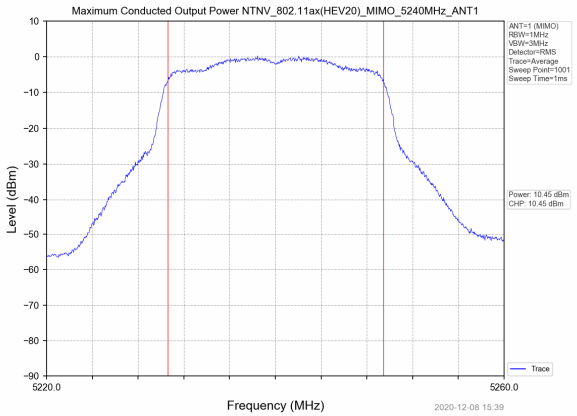

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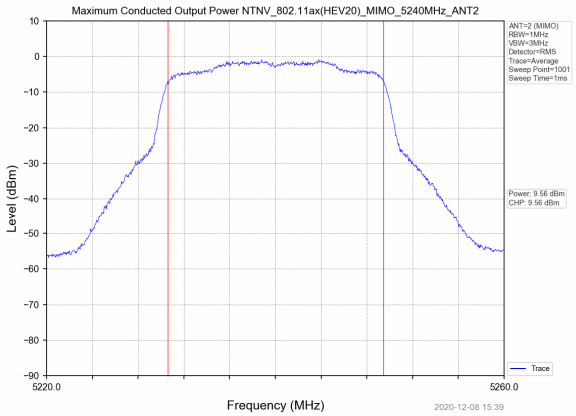

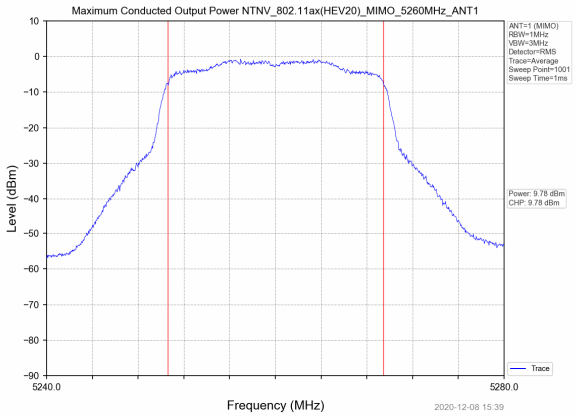

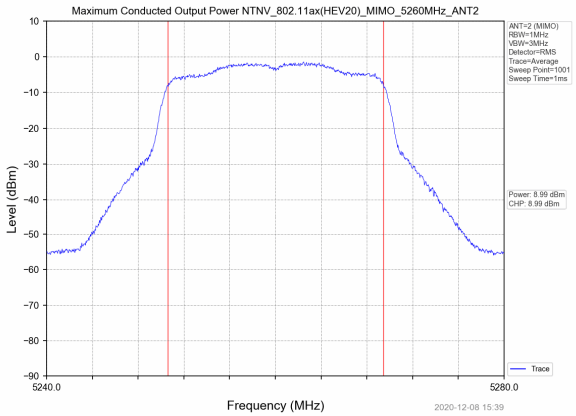

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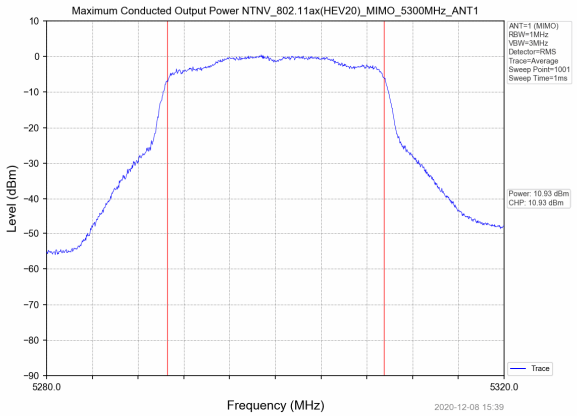

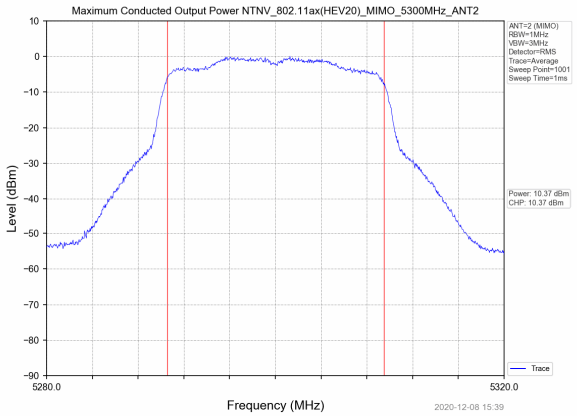

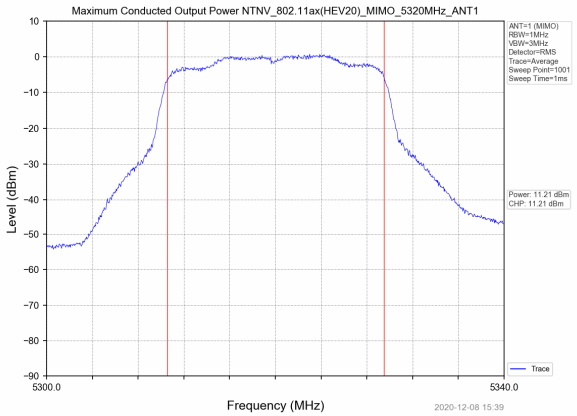

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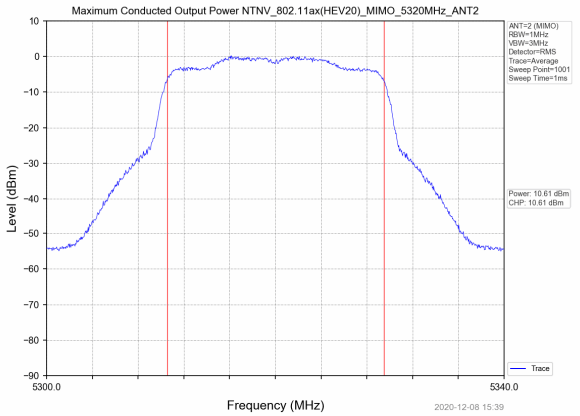

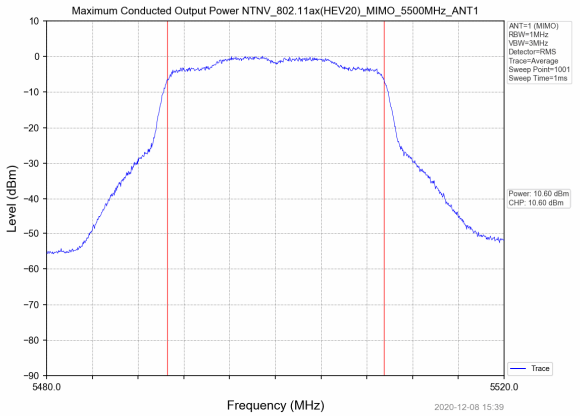

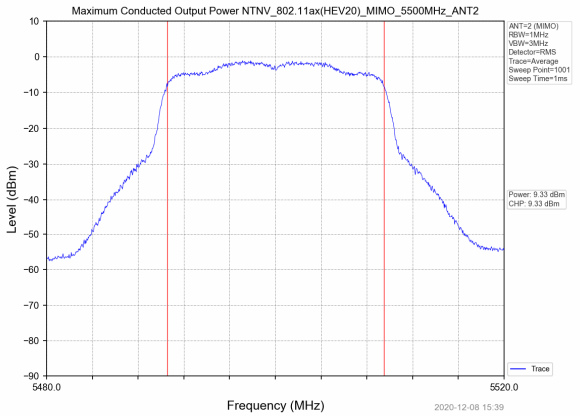

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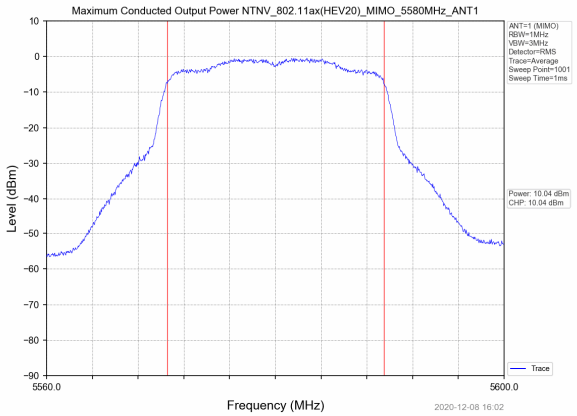

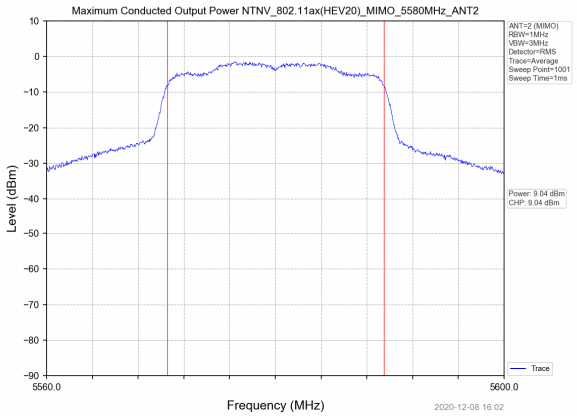

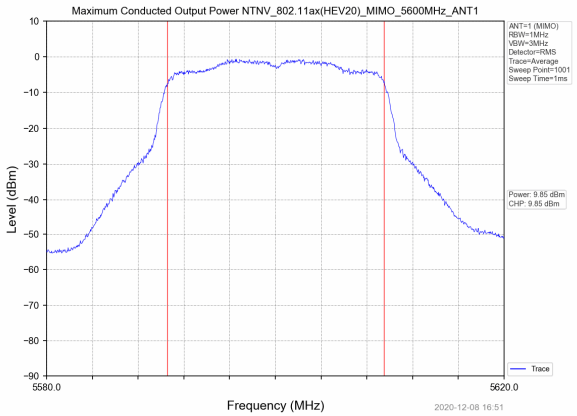

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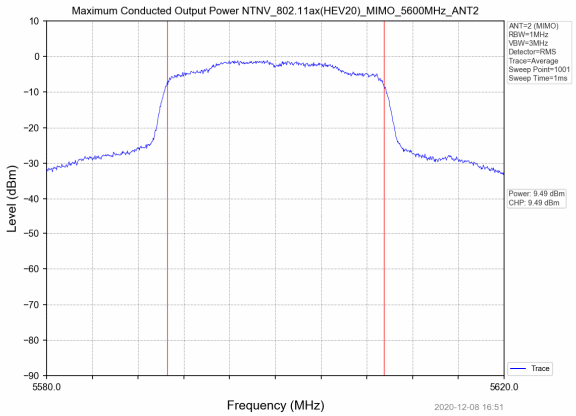

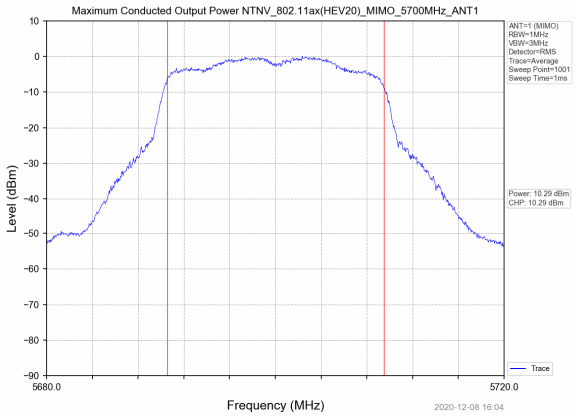

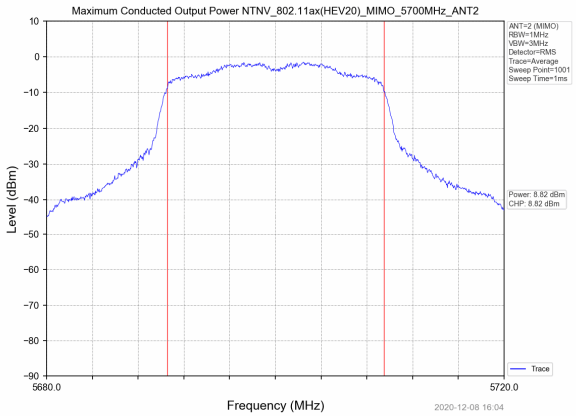

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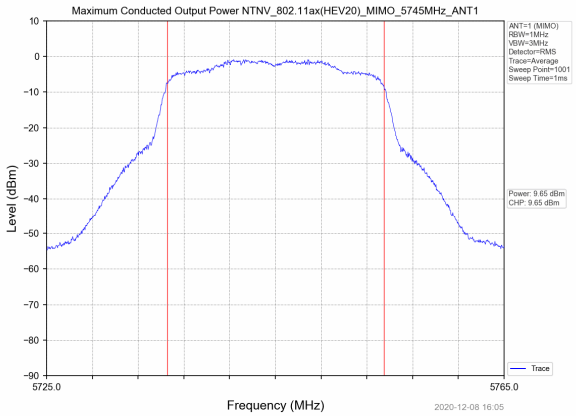

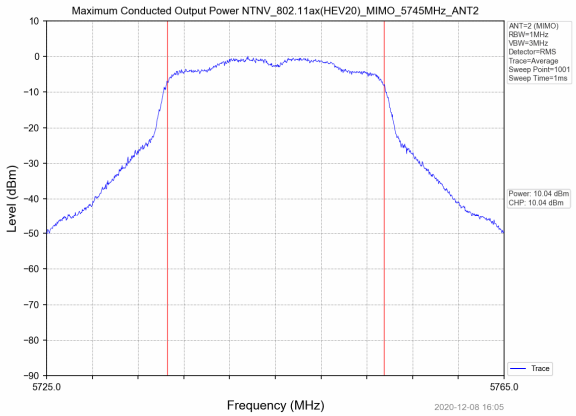

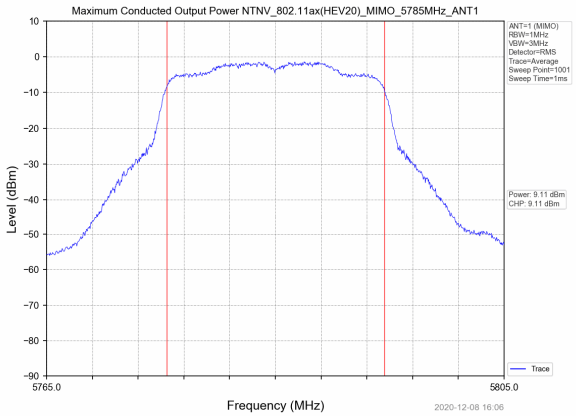

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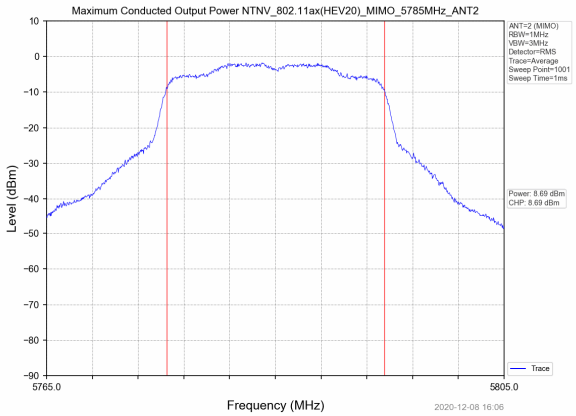

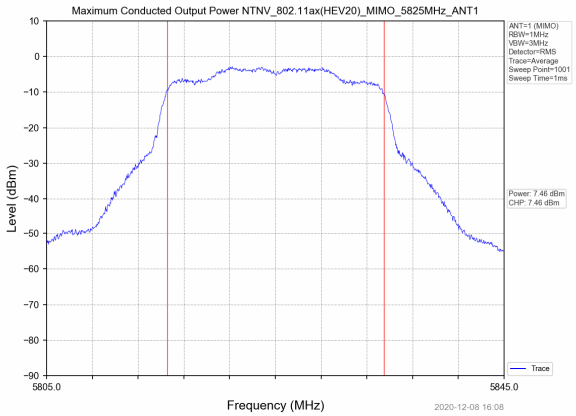

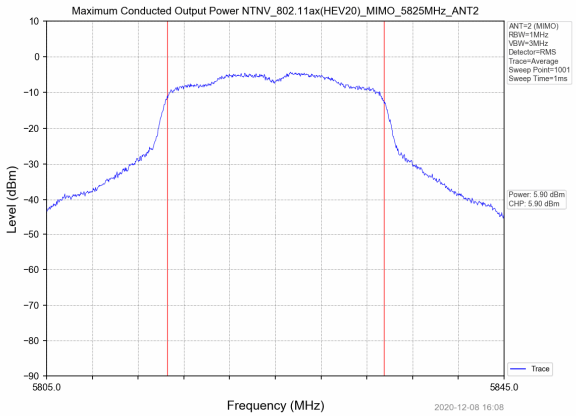

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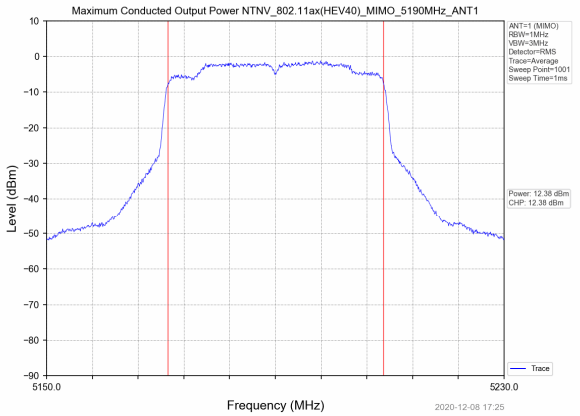

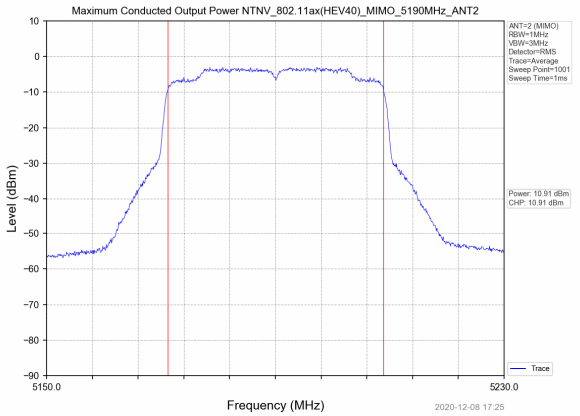

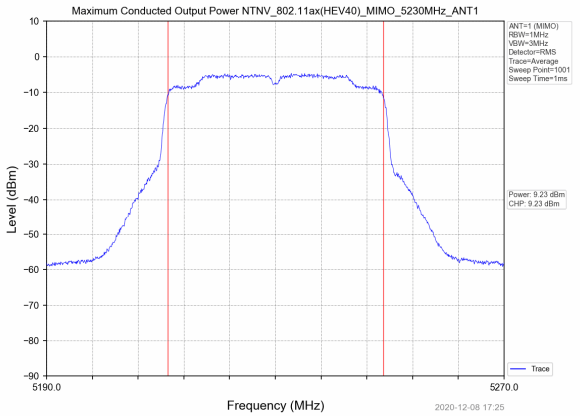

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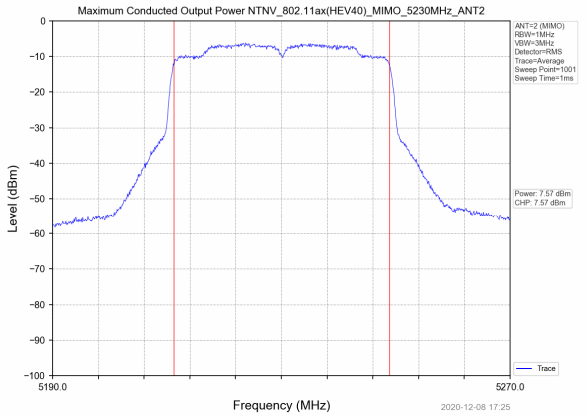

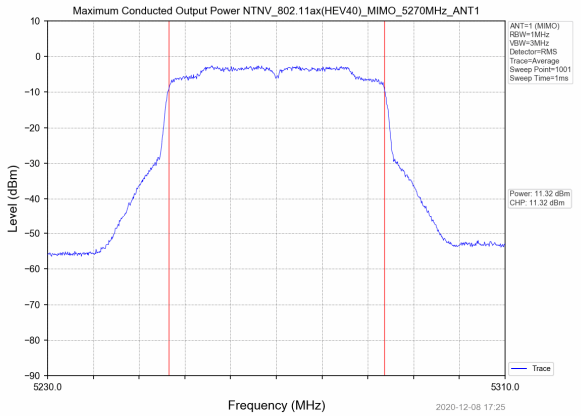

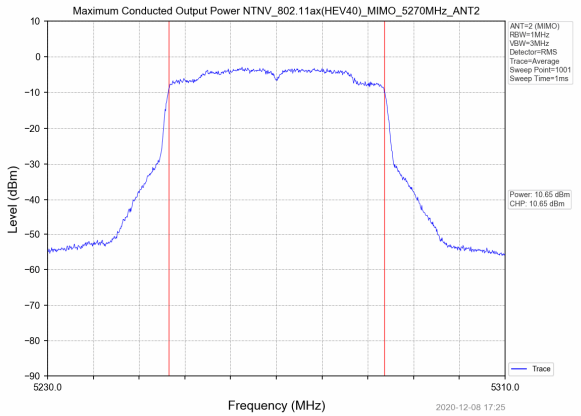

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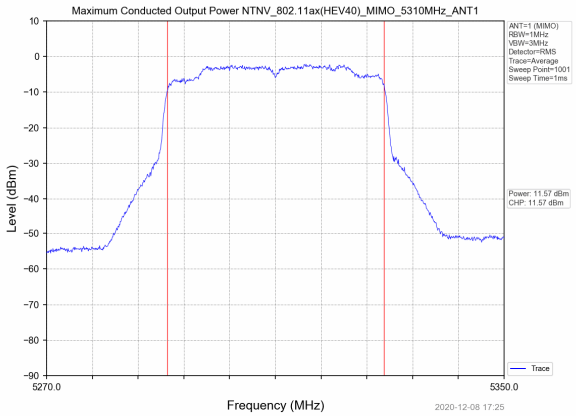

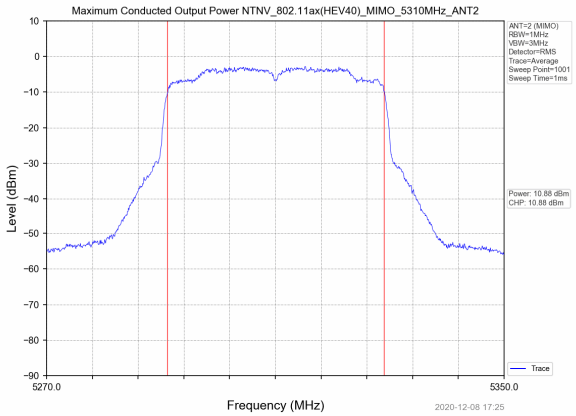

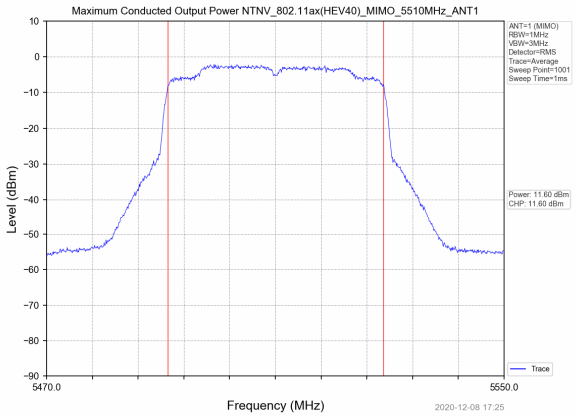

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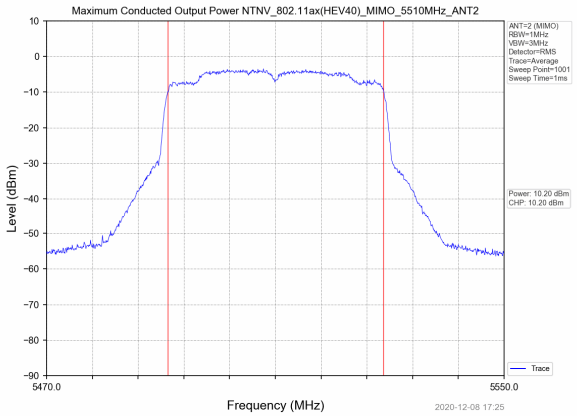

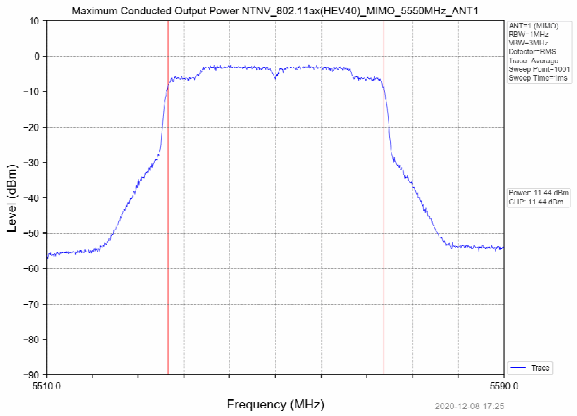

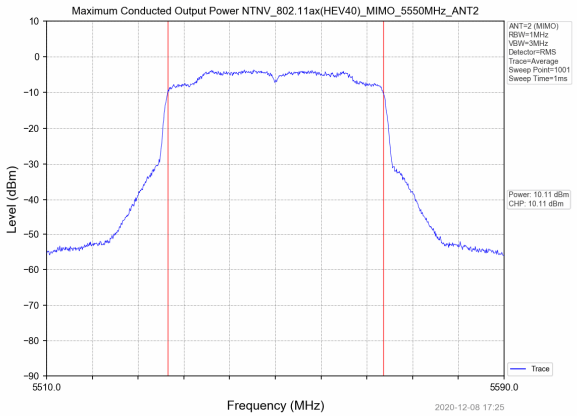

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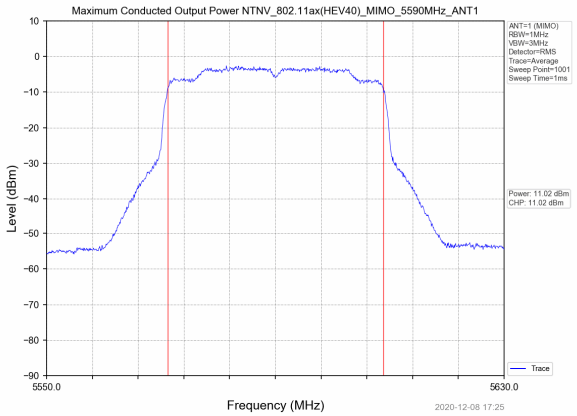

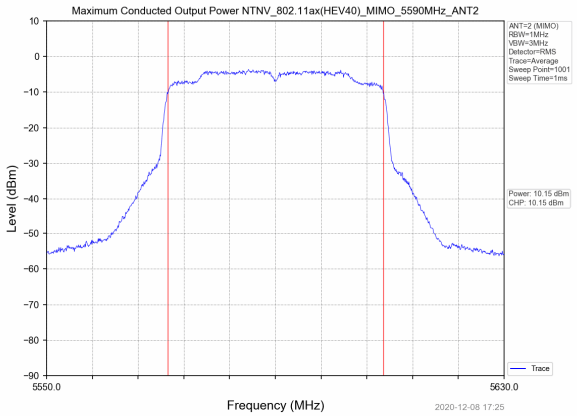

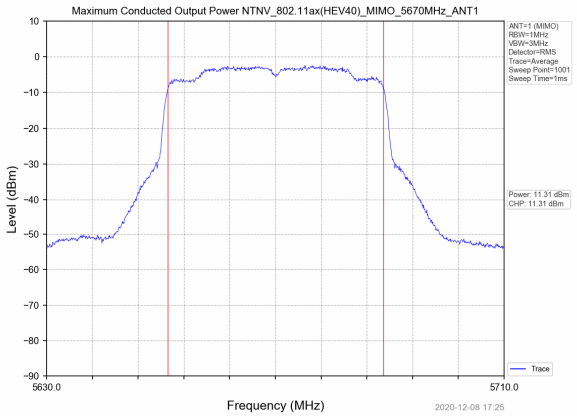

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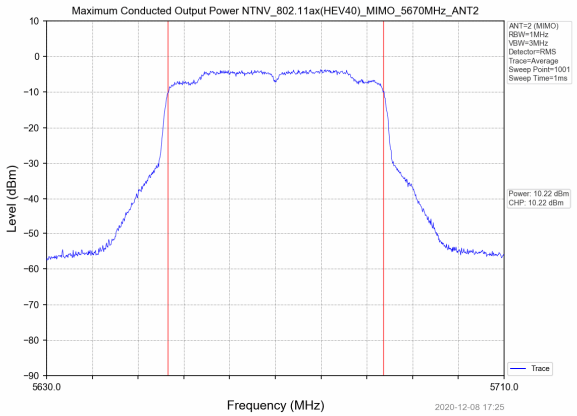

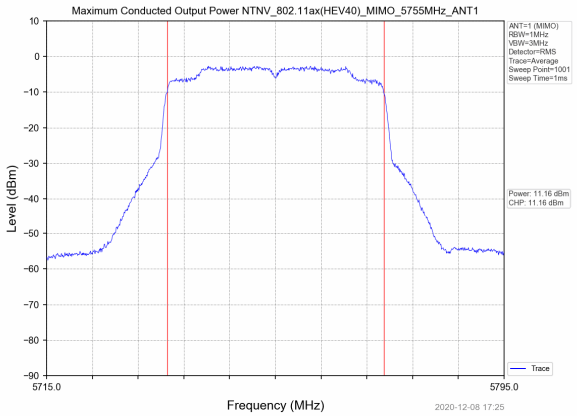

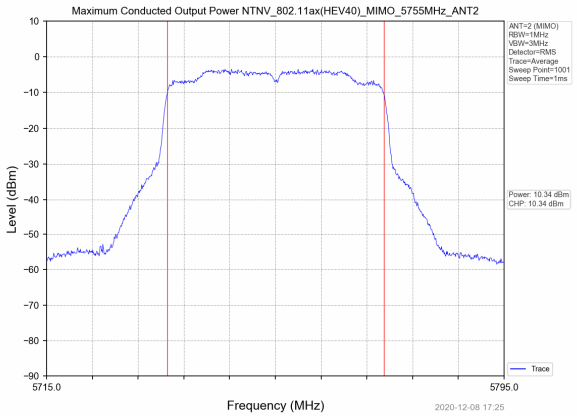

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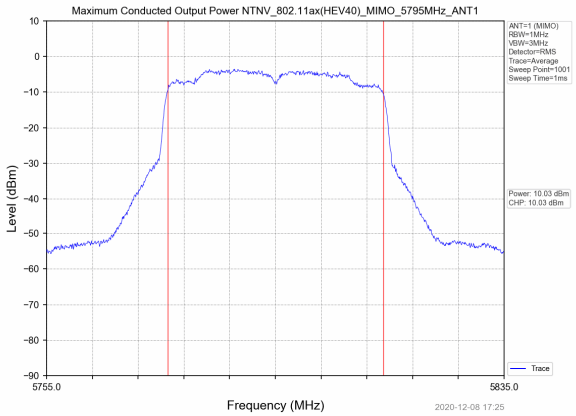

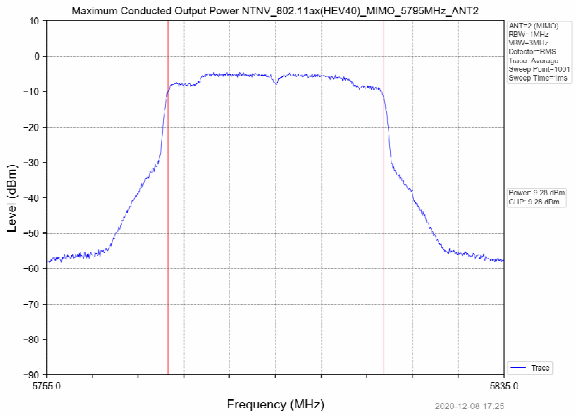

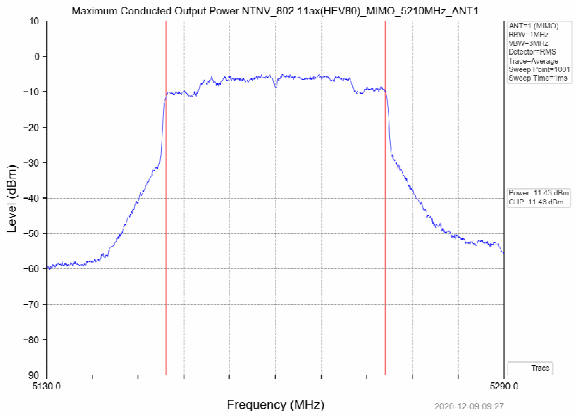

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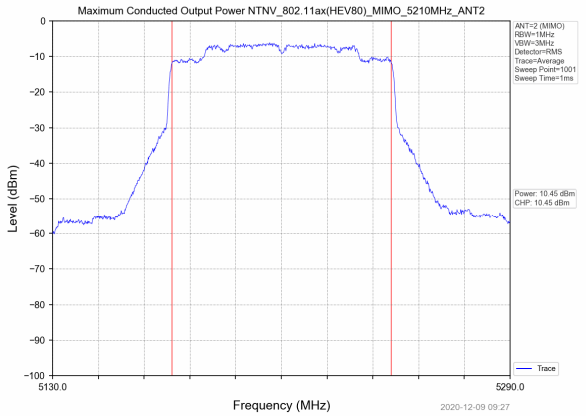

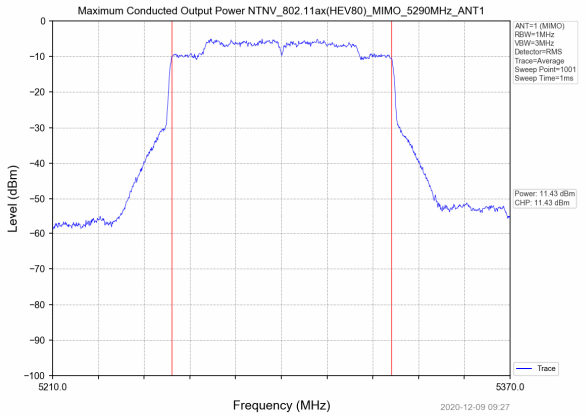

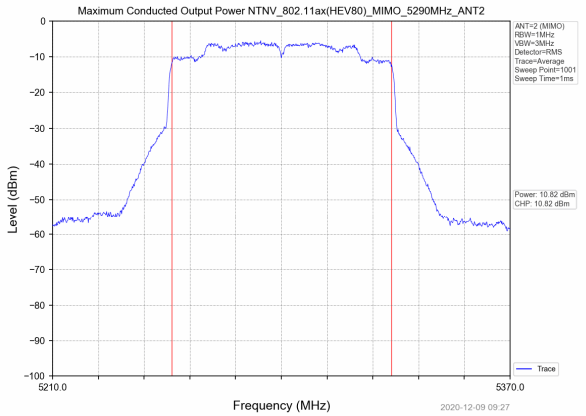

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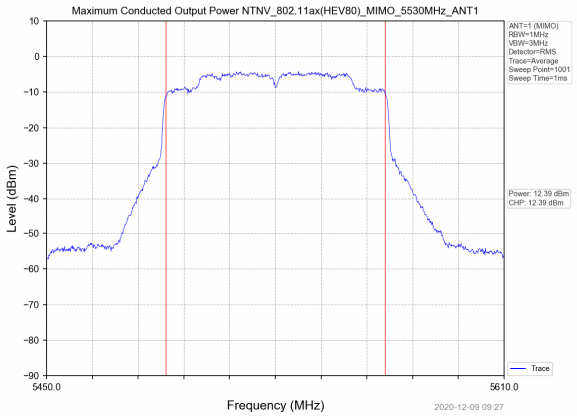

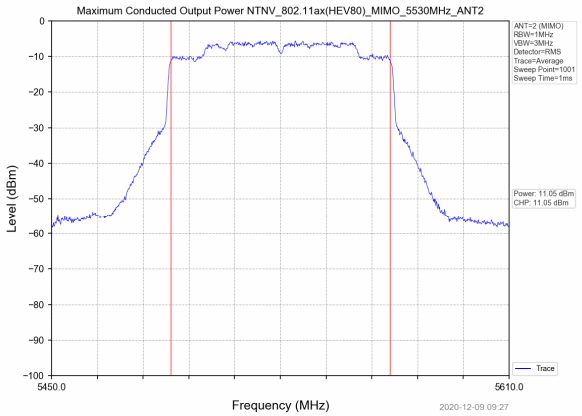

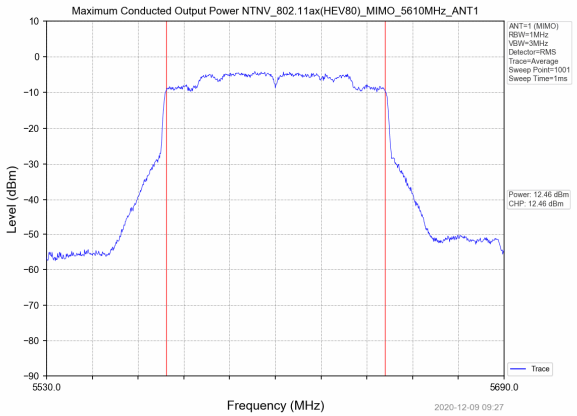

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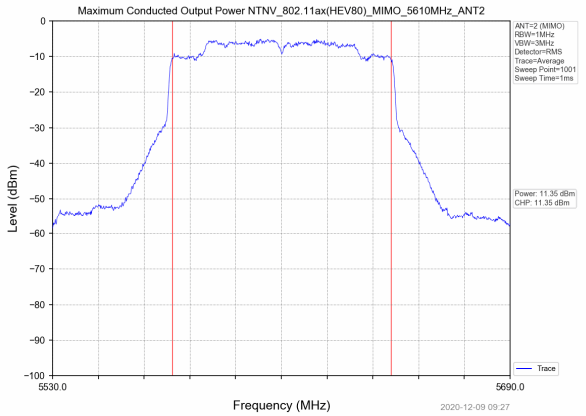

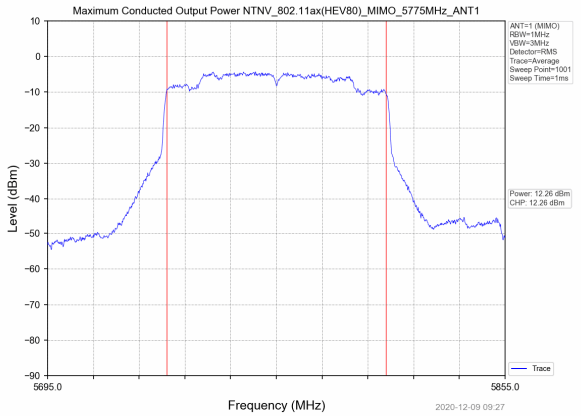

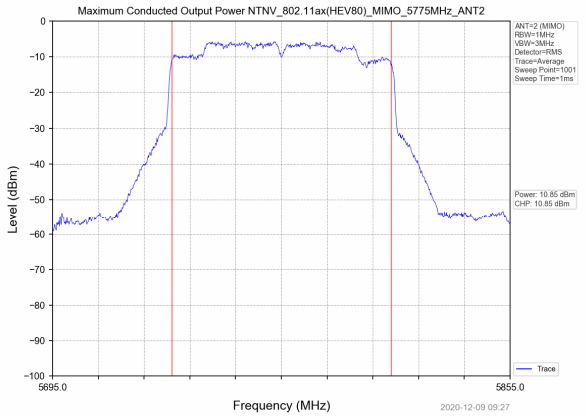

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4. Maximum Power Spectral Density (PSD)

4.1 Test Result

Test Mode	Frequency (MHz)	Tx Type	Maximum Power Spectral Density (dBm/MHz)			Limits (dBm/MHz)	Verdict
			Ant 1	Ant 2	Total		
802.11a	5180	SISO	2.42	1.75	/	≤11	PASS
	5200	SISO	4.95	4.98	/	≤11	PASS
	5240	SISO	3.73	3.70	/	≤11	PASS
	5260	SISO	3.17	5.03	/	≤11	PASS
	5300	SISO	4.11	4.43	/	≤11	PASS
	5320	SISO	4.56	4.86	/	≤11	PASS
	5500	SISO	3.09	3.64	/	≤11	PASS
	5580	SISO	2.18	3.98	/	≤11	PASS
	5600	SISO	1.60	3.80	/	≤11	PASS
	5700	SISO	2.88	4.06	/	≤11	PASS
802.11n(HT20)	5180	MIMO	2.23	1.36	4.66	≤11	PASS
	5200	MIMO	2.06	1.40	4.60	≤11	PASS
	5240	MIMO	0.84	0.08	3.23	≤11	PASS
	5260	MIMO	-0.04	-0.85	2.47	≤11	PASS
	5300	MIMO	1.34	0.90	3.73	≤11	PASS
	5320	MIMO	1.47	0.99	4.13	≤11	PASS
	5500	MIMO	1.00	-0.04	3.30	≤11	PASS
	5580	MIMO	0.67	-0.26	2.94	≤11	PASS
	5600	MIMO	0.32	-0.21	2.87	≤11	PASS
	5700	MIMO	1.16	-0.04	3.28	≤11	PASS
802.11n(HT40)	5190	MIMO	-0.89	-1.80	1.55	≤11	PASS
	5230	MIMO	-3.98	-5.08	-1.63	≤11	PASS
	5270	MIMO	-1.59	-1.81	1.11	≤11	PASS
	5310	MIMO	-1.17	-2.10	1.20	≤11	PASS
	5510	MIMO	-1.17	-2.29	1.06	≤11	PASS
	5550	MIMO	-1.23	-2.40	0.97	≤11	PASS
	5590	MIMO	-1.66	-2.34	0.87	≤11	PASS
	5670	MIMO	-1.46	-2.16	1.09	≤11	PASS
802.11ac(VHT20)	5180	MIMO	2.29	0.78	4.51	≤11	PASS
	5200	MIMO	2.56	1.00	4.57	≤11	PASS
	5240	MIMO	0.86	-0.24	3.13	≤11	PASS
	5260	MIMO	0.41	-1.00	2.66	≤11	PASS
	5300	MIMO	1.42	0.75	3.87	≤11	PASS
	5320	MIMO	1.45	1.17	4.07	≤11	PASS
	5500	MIMO	0.96	-0.09	3.35	≤11	PASS

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	5580	MIMO	1.08	-0.03	3.31	≤11	PASS
	5600	MIMO	0.49	0.38	3.23	≤11	PASS
	5700	MIMO	1.64	0.94	4.12	≤11	PASS
802.11ac(VHT40)	5190	MIMO	-0.88	-2.08	1.40	≤11	PASS
	5230	MIMO	-4.08	-5.50	-1.97	≤11	PASS
	5270	MIMO	-1.82	-2.29	0.78	≤11	PASS
	5310	MIMO	-1.81	-1.73	0.82	≤11	PASS
	5510	MIMO	-1.07	-2.46	1.16	≤11	PASS
	5550	MIMO	-1.53	-2.53	0.86	≤11	PASS
	5590	MIMO	-1.34	-2.29	0.84	≤11	PASS
	5670	MIMO	-1.69	-2.56	0.70	≤11	PASS
802.11ac(VHT80)	5210	MIMO	-4.80	-4.72	-2.14	≤11	PASS
	5290	MIMO	-4.63	-4.63	-1.77	≤11	PASS
	5530	MIMO	-5.14	-4.18	-1.69	≤11	PASS
	5610	MIMO	-5.18	-4.17	-1.97	≤11	PASS
802.11ac(VHT160)	5250	MIMO	-8.19	-8.95	-5.86	≤30	PASS
	5570	MIMO	-5.97	-7.92	-4.22	≤11	PASS
802.11ax(HEV160)	5250	MIMO	-8.26	-10.29	-6.26	≤30	PASS
	5570	MIMO	-6.68	-8.33	-4.62	≤11	PASS
802.11ax(HEV20)	5180	MIMO	1.55	0.45	3.85	≤11	PASS
	5200	MIMO	1.67	0.91	3.96	≤11	PASS
	5240	MIMO	0.21	-0.52	2.80	≤11	PASS
	5260	MIMO	0.01	-1.16	2.04	≤11	PASS
	5300	MIMO	1.19	0.24	3.37	≤11	PASS
	5320	MIMO	1.16	0.53	3.47	≤11	PASS
	5500	MIMO	0.47	-0.70	2.73	≤11	PASS
	5580	MIMO	0.10	-0.87	2.39	≤11	PASS
	5600	MIMO	-0.22	-0.71	2.25	≤11	PASS
	5700	MIMO	0.41	-0.55	2.79	≤11	PASS
802.11ax(HEV40)	5190	MIMO	-0.39	-1.98	1.69	≤11	PASS
	5230	MIMO	-3.86	-5.27	-1.79	≤11	PASS
	5270	MIMO	-2.05	-2.42	0.61	≤11	PASS
	5310	MIMO	-1.37	-1.93	0.89	≤11	PASS
	5510	MIMO	-1.46	-2.91	0.69	≤11	PASS
	5550	MIMO	-1.71	-3.01	0.48	≤11	PASS
	5590	MIMO	-1.90	-2.77	0.47	≤11	PASS
	5670	MIMO	-1.63	-2.98	0.57	≤11	PASS
802.11ax(HEV80)	5210	MIMO	-3.70	-4.80	-1.44	≤11	PASS
	5290	MIMO	-4.13	-4.43	-1.61	≤11	PASS
	5530	MIMO	-3.08	-4.78	-0.91	≤11	PASS
	5610	MIMO	-2.86	-3.70	-0.59	≤11	PASS

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Test Mode	Frequency (MHz)	Tx Type	Maximum Power Spectral Density (dBm/500kHz)			Limits (dBm/500kHz)	Verdict
			Ant 1	Ant 2	Total		
802.11a	5745	SISO	0.19	1.17	/	≤30	PASS
	5785	SISO	-0.83	0.13	/	≤30	PASS
	5825	SISO	-2.21	-1.06	/	≤30	PASS
802.11n(HT20)	5745	MIMO	-1.89	-3.31	0.38	≤30	PASS
	5785	MIMO	-2.77	-3.71	-0.36	≤30	PASS
	5825	MIMO	-4.57	-5.35	-2.11	≤30	PASS
802.11n(HT40)	5755	MIMO	-3.53	-5.12	-1.34	≤30	PASS
	5795	MIMO	-4.16	-5.82	-2.23	≤30	PASS
802.11ac(VHT20)	5745	MIMO	-1.61	-2.44	0.80	≤30	PASS
	5785	MIMO	-2.02	-2.84	0.28	≤30	PASS
	5825	MIMO	-3.62	-3.88	-0.73	≤30	PASS
802.11ac(VHT40)	5755	MIMO	-3.63	-4.98	-1.73	≤30	PASS
	5795	MIMO	-4.35	-5.85	-2.18	≤30	PASS
802.11ac(VHT80)	5775	MIMO	-7.48	-6.64	-4.16	≤30	PASS
802.11ax(HEV20)	5745	MIMO	-2.30	-3.42	-0.13	≤30	PASS
	5785	MIMO	-3.29	-4.38	-1.18	≤30	PASS
	5825	MIMO	-4.56	-5.71	-2.43	≤30	PASS
802.11ax(HEV40)	5755	MIMO	-4.68	-5.34	-2.17	≤30	PASS
	5795	MIMO	-5.62	-6.03	-3.09	≤30	PASS
802.11ax(HEV80)	5775	MIMO	-5.41	-7.11	-3.38	≤30	PASS

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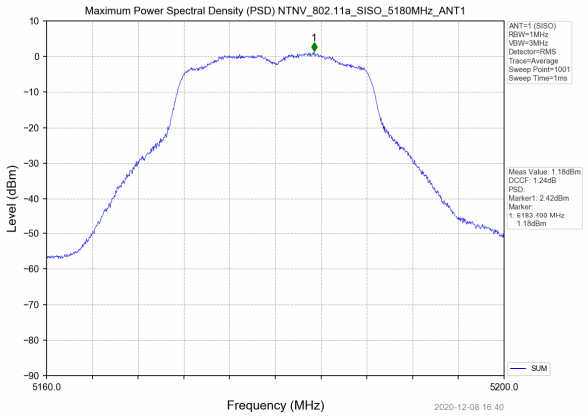
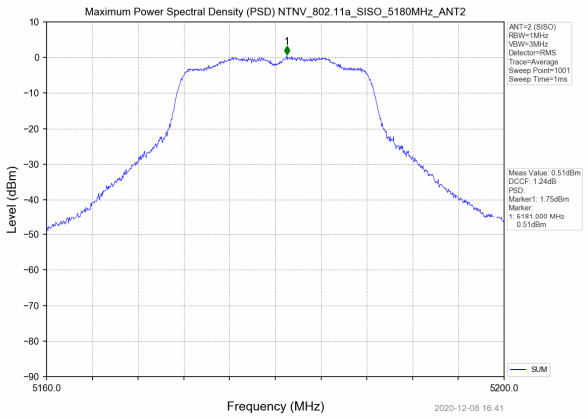
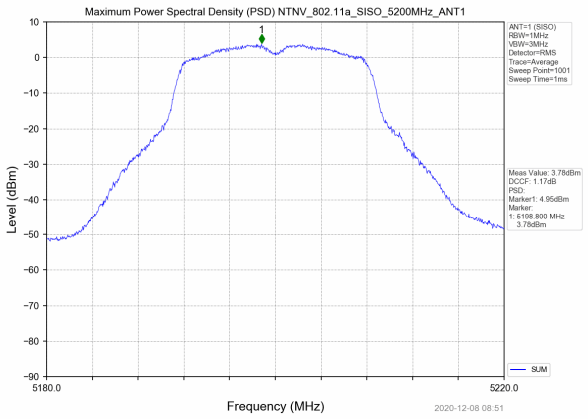
4.2 Test Graph







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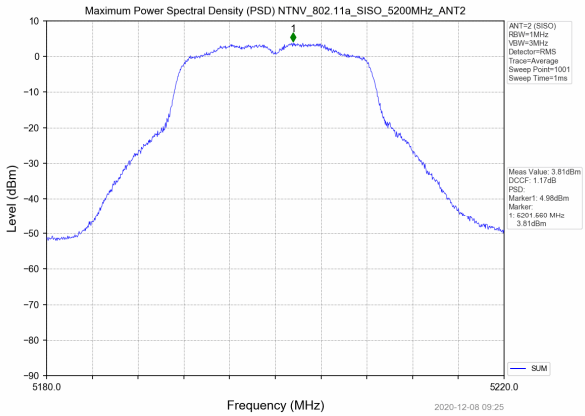

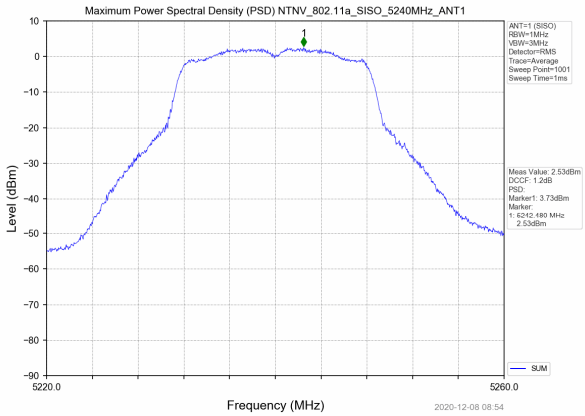

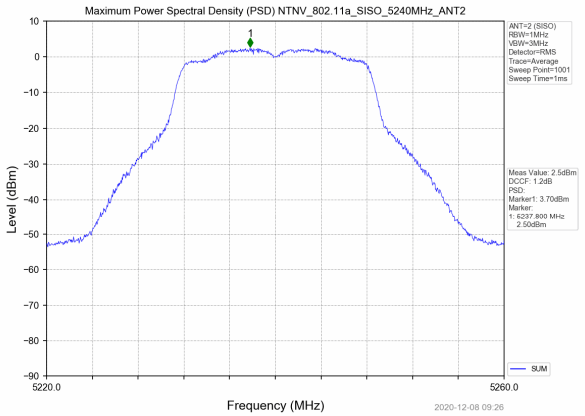

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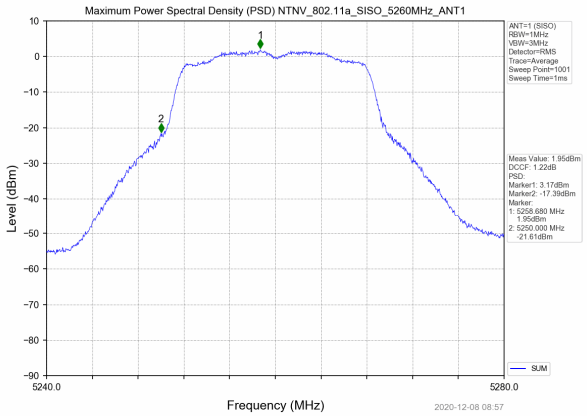

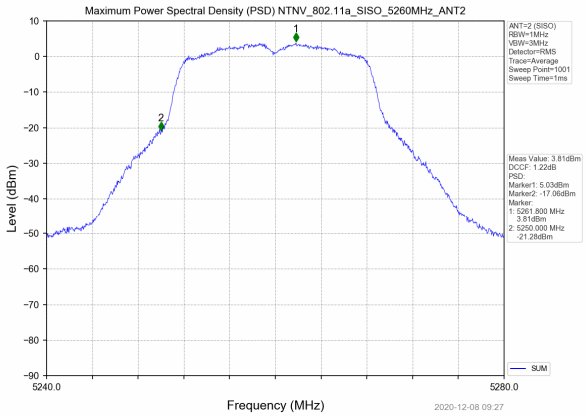

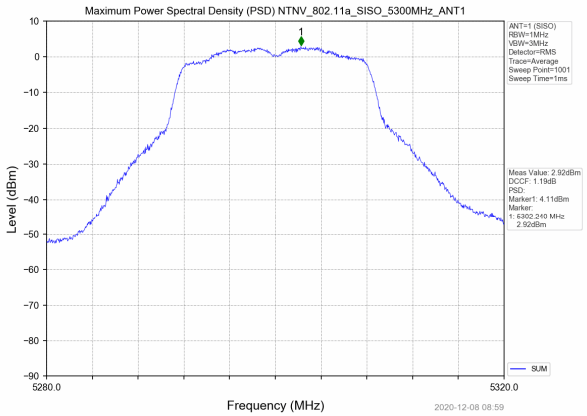

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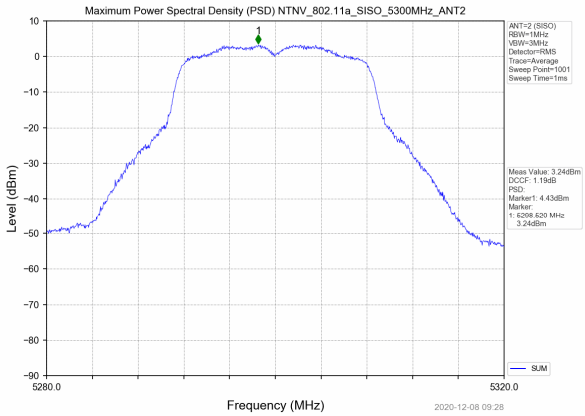

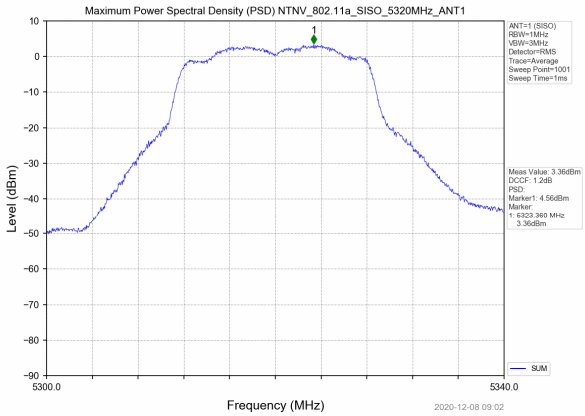

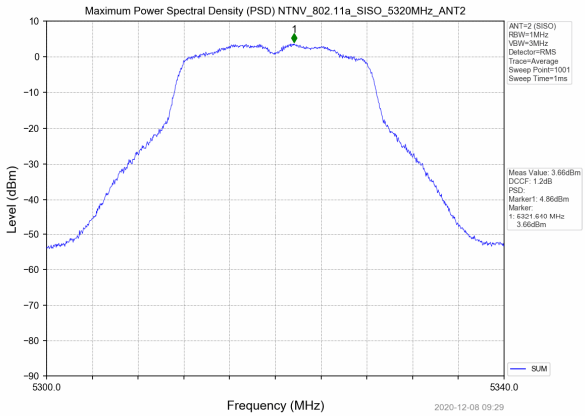

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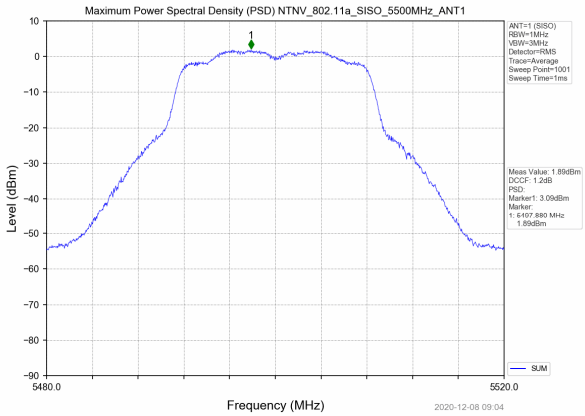

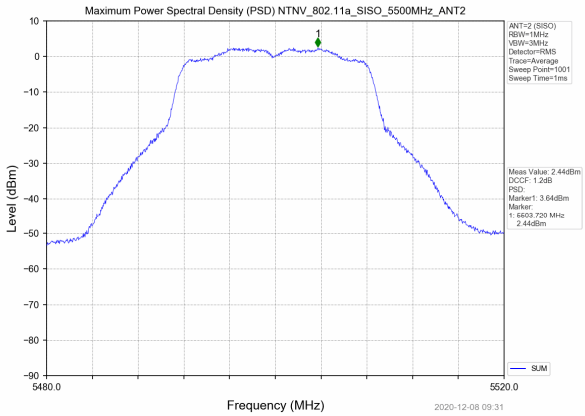

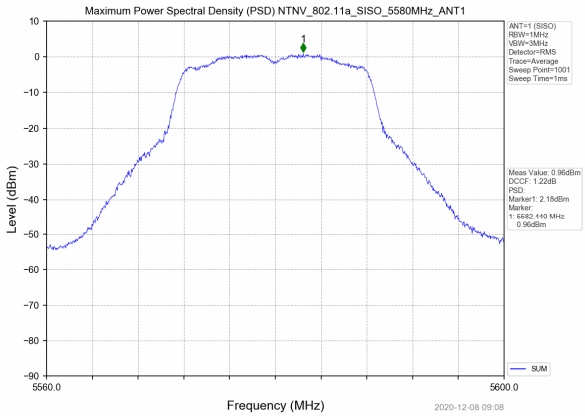

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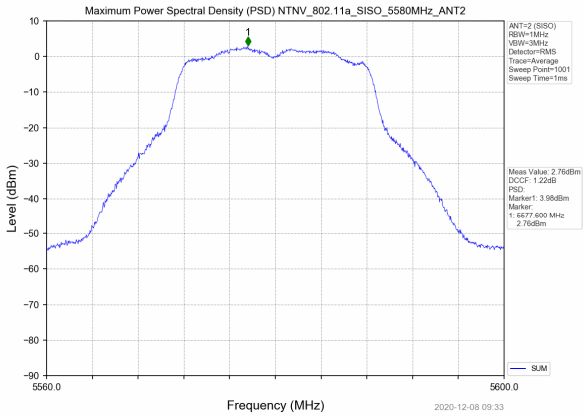

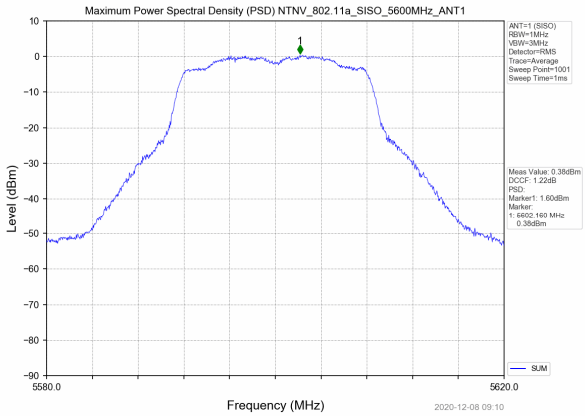

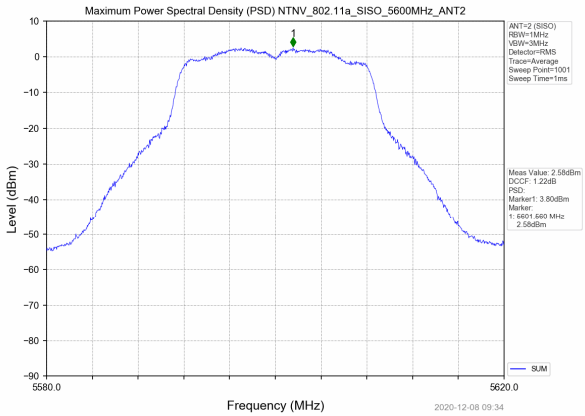

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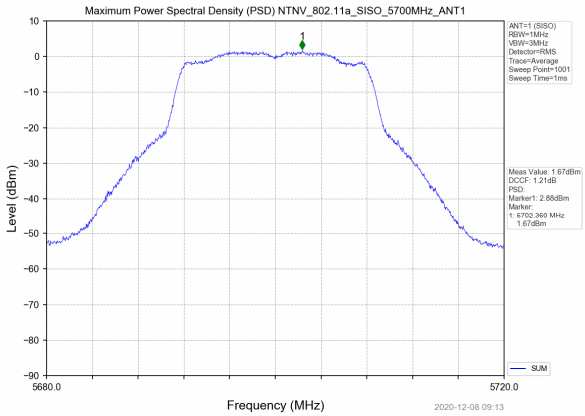

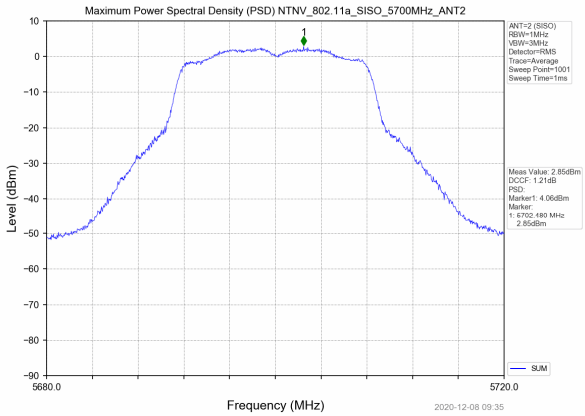

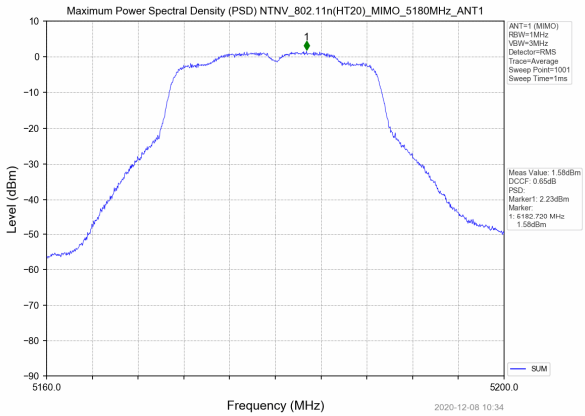

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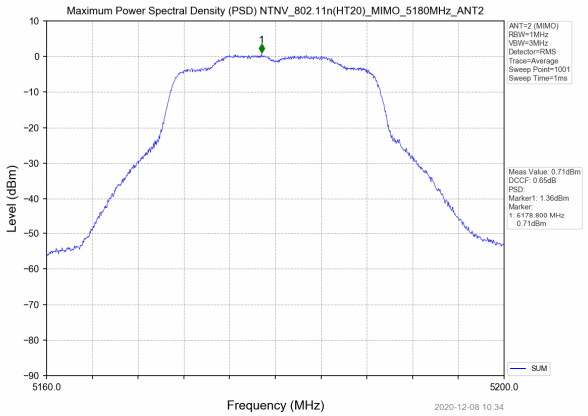

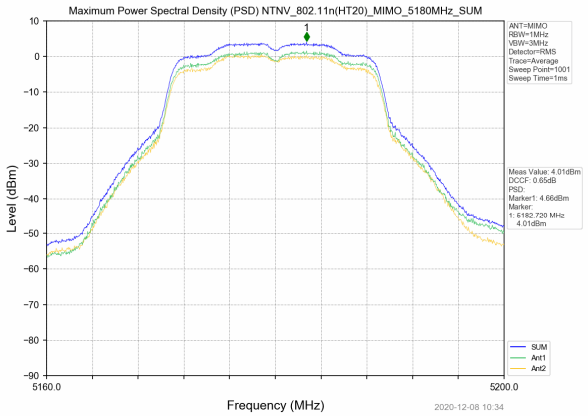

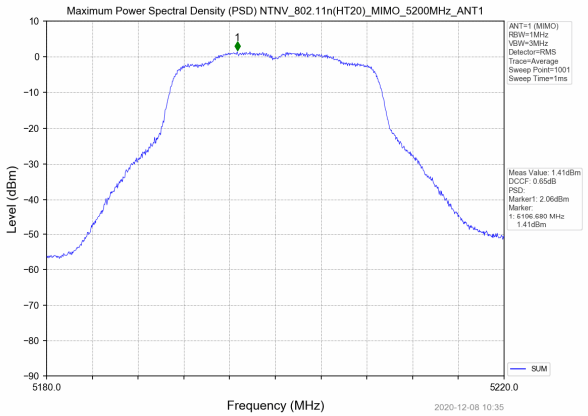

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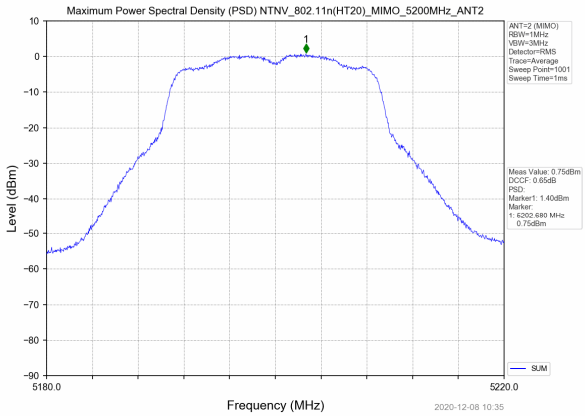

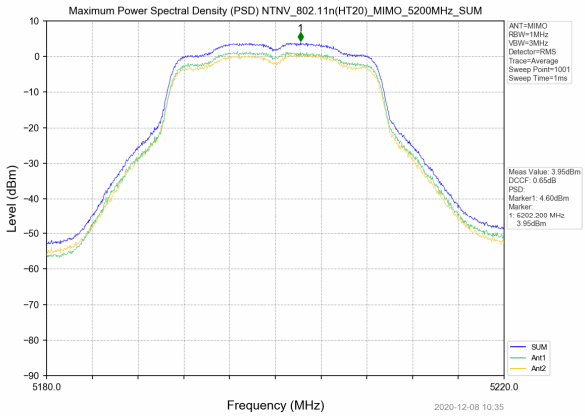

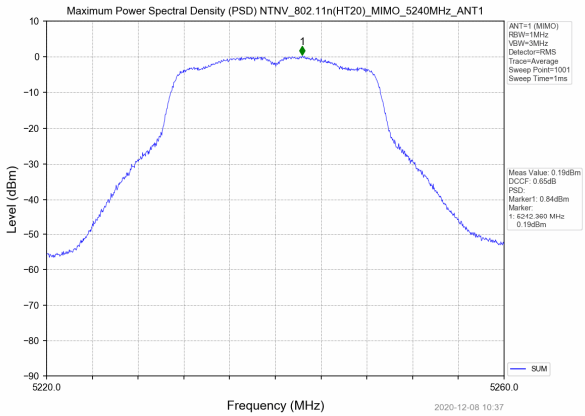

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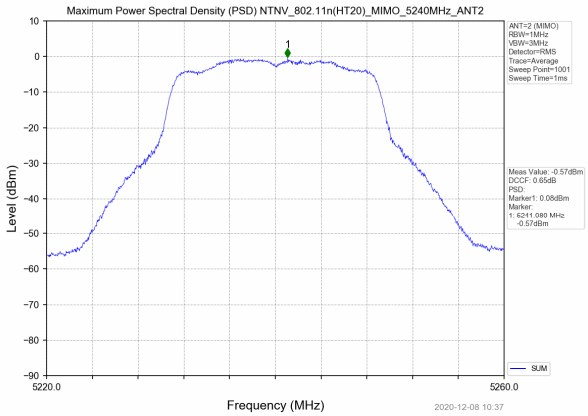

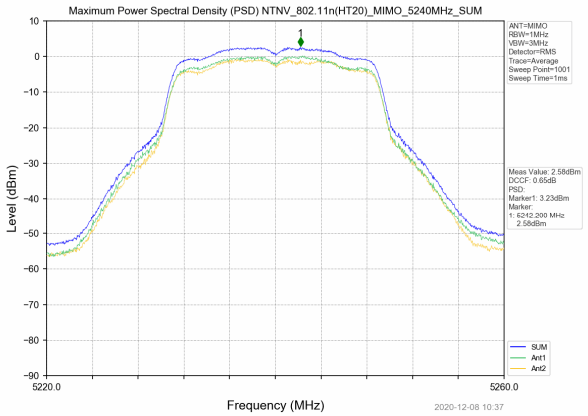

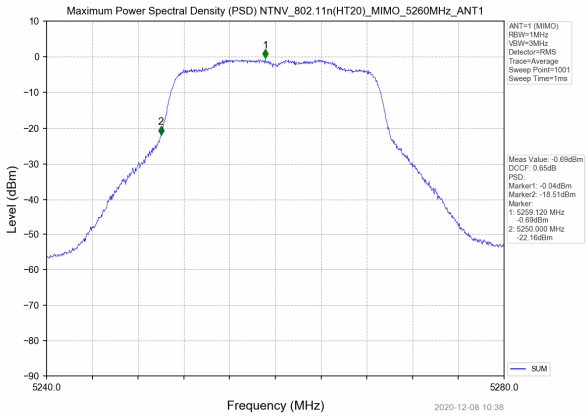

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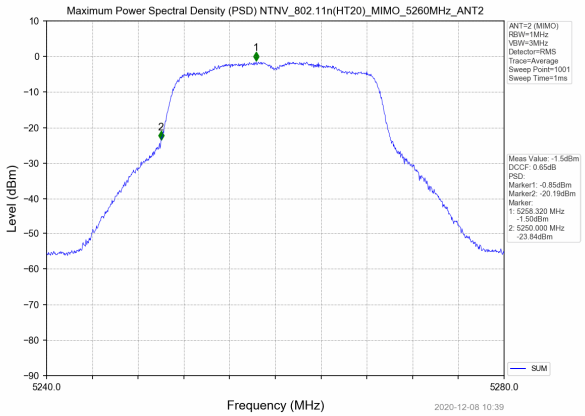

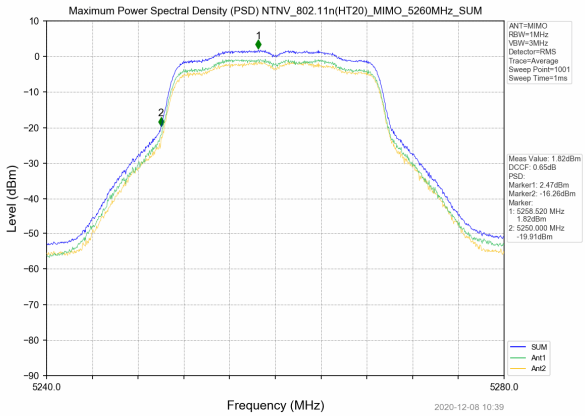

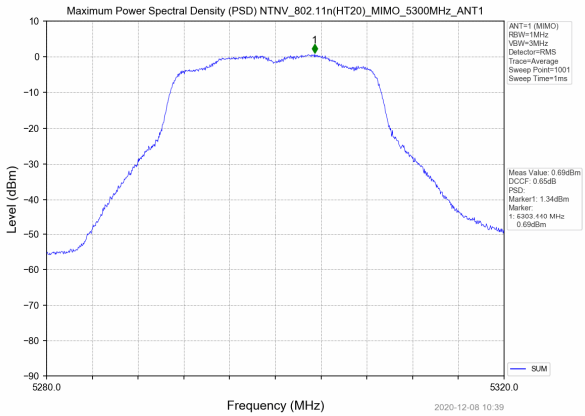

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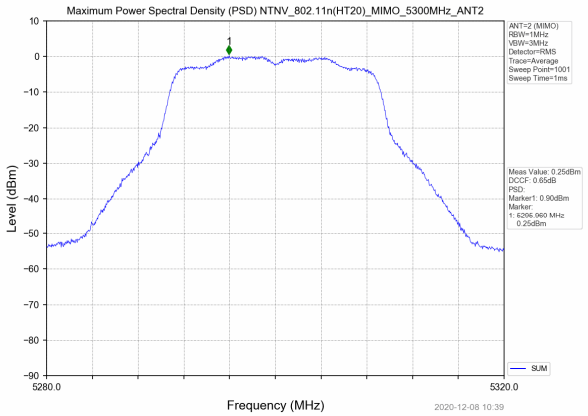

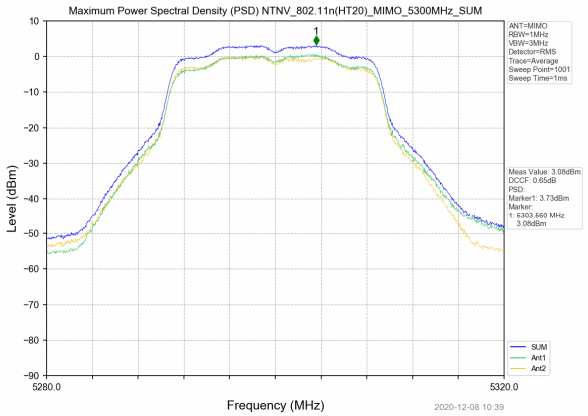

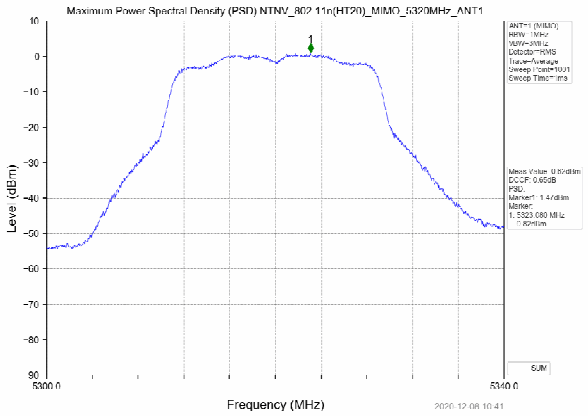

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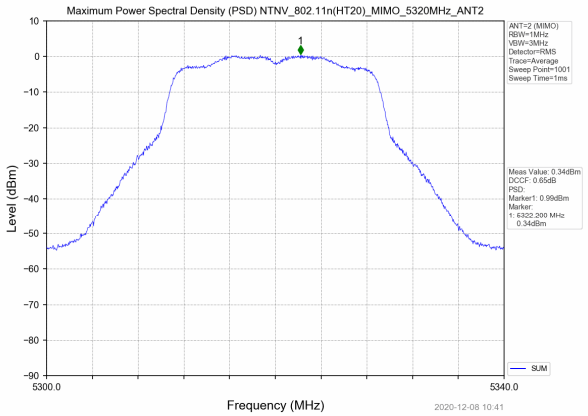

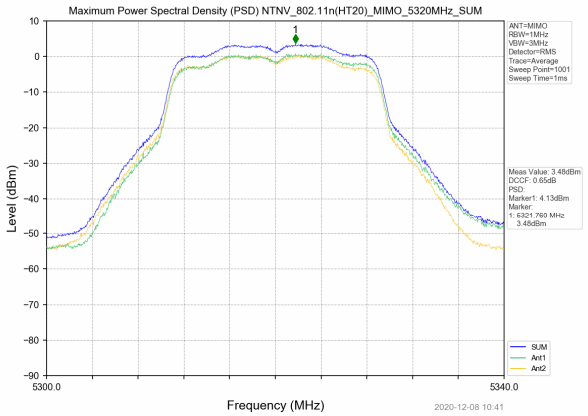

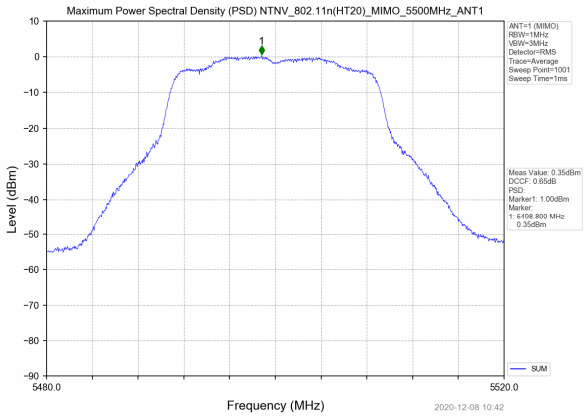

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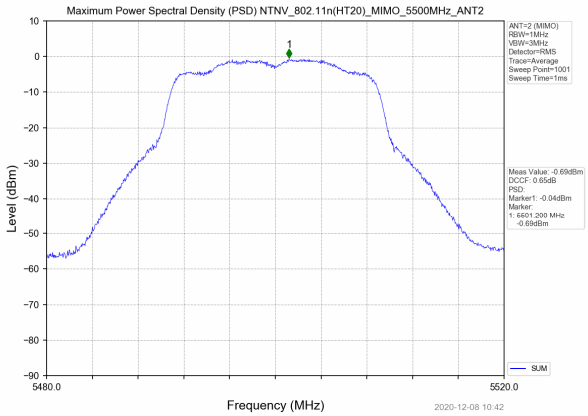

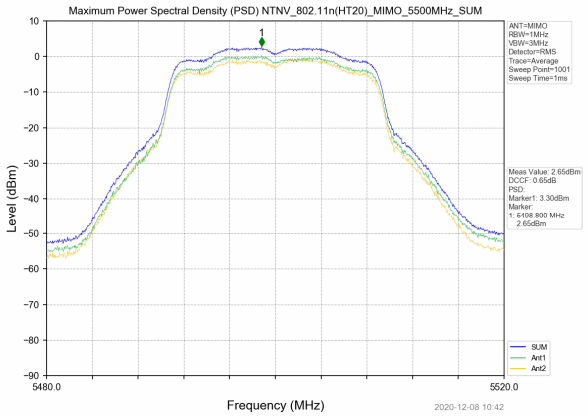

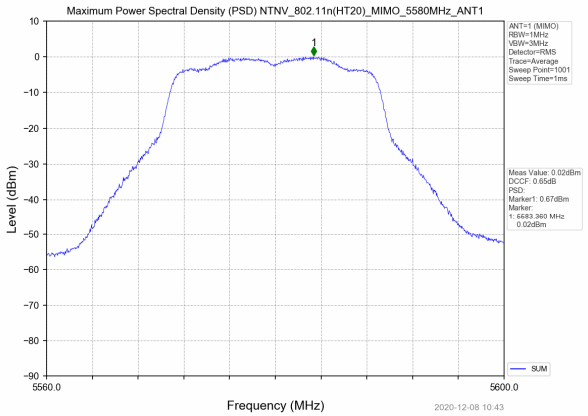

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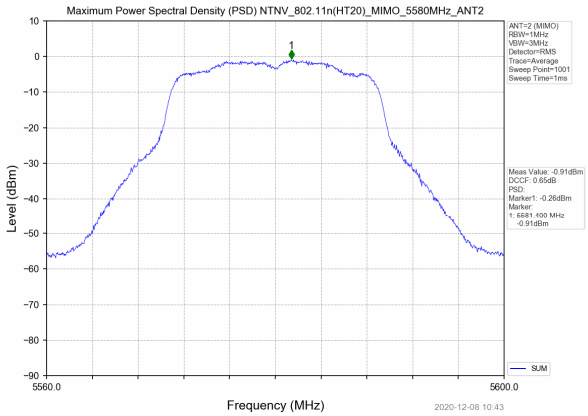

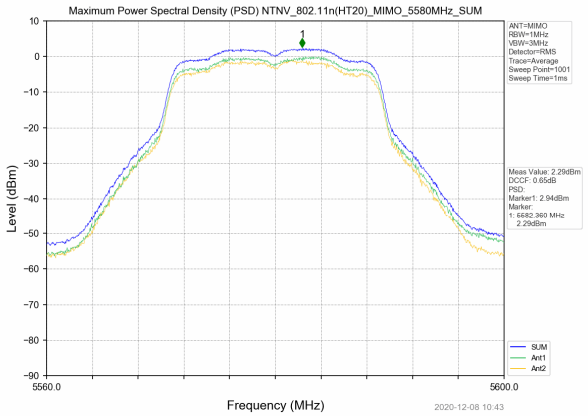

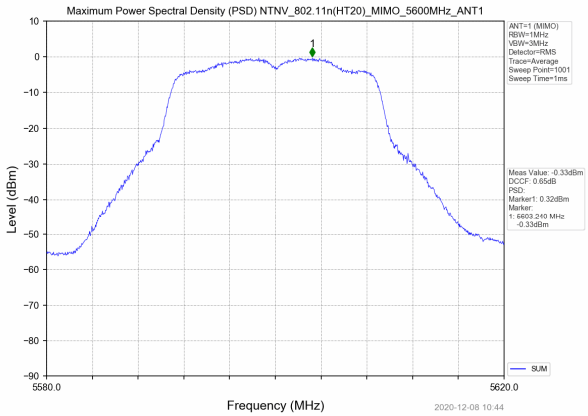

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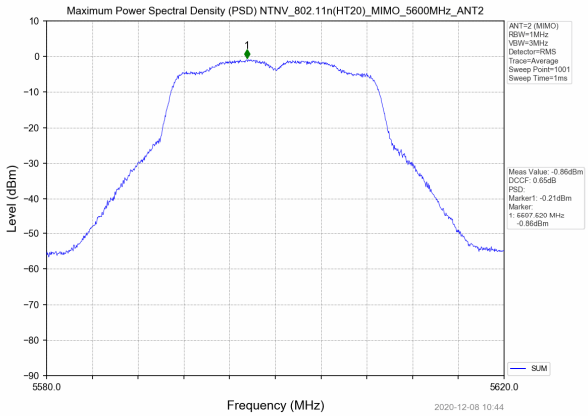

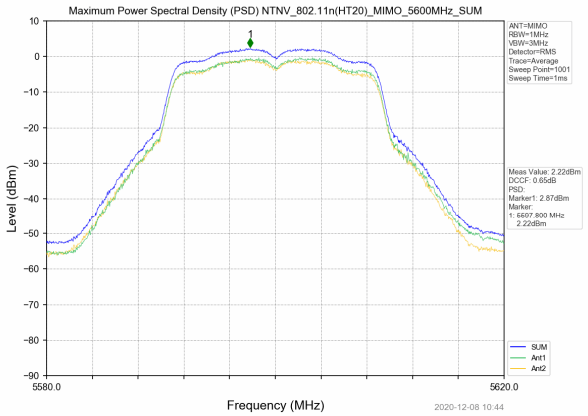

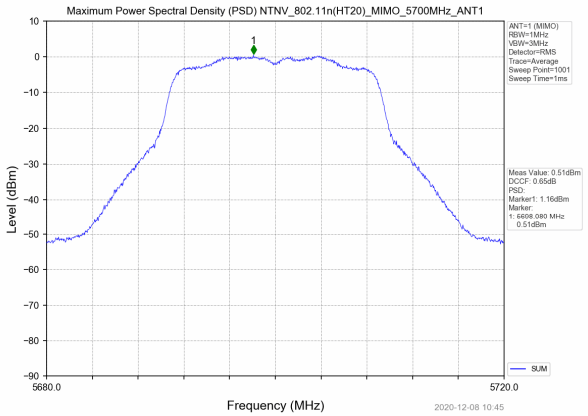

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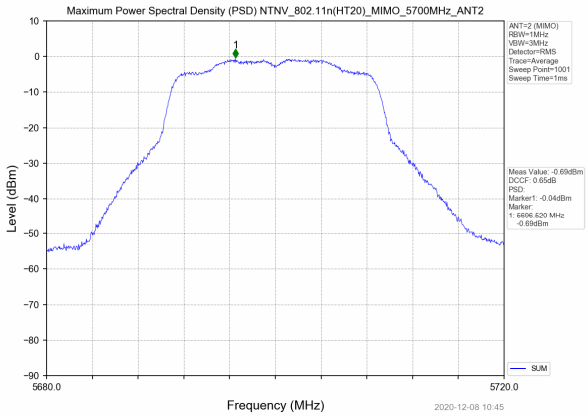

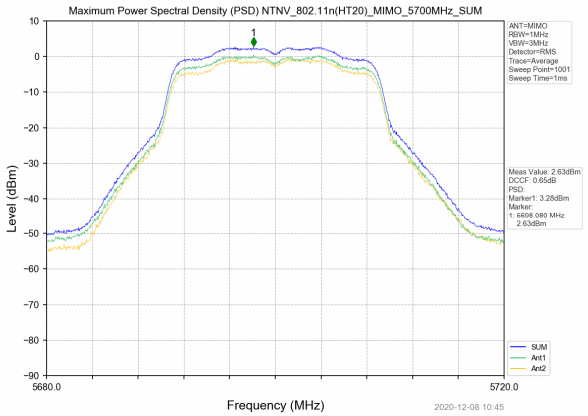

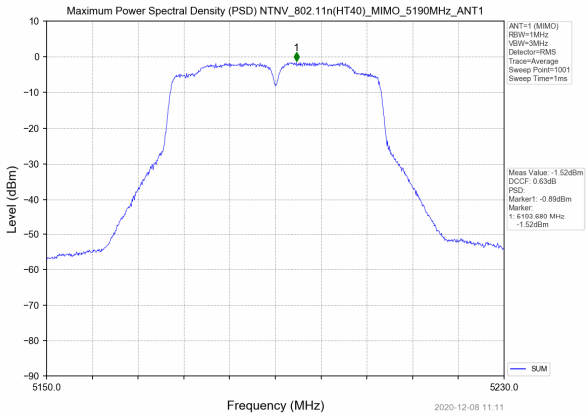

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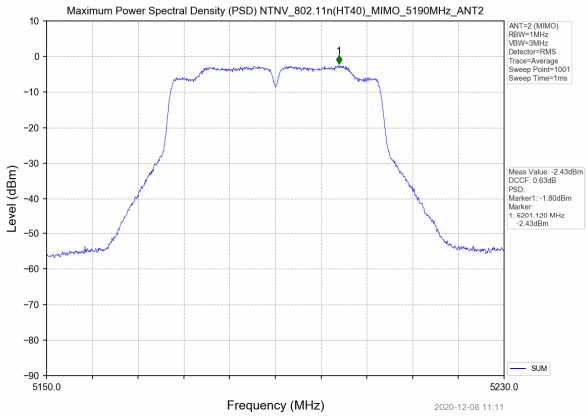

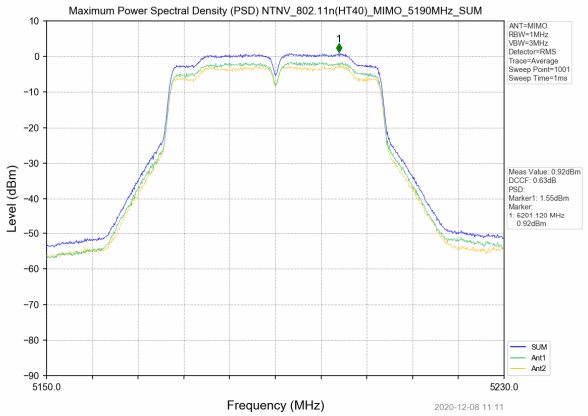

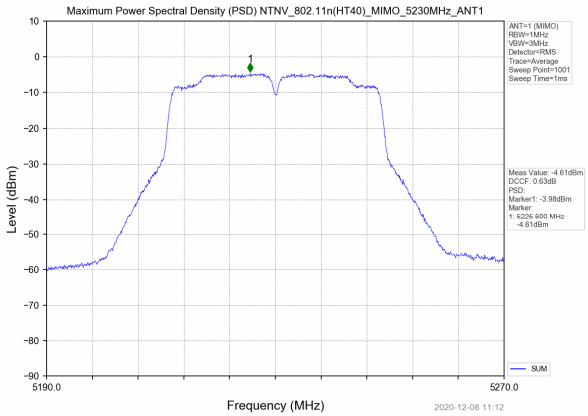

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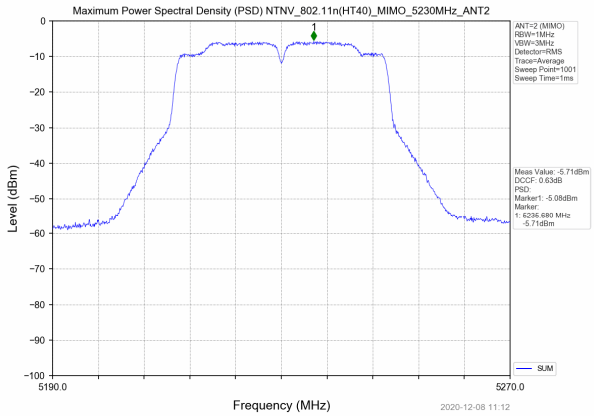

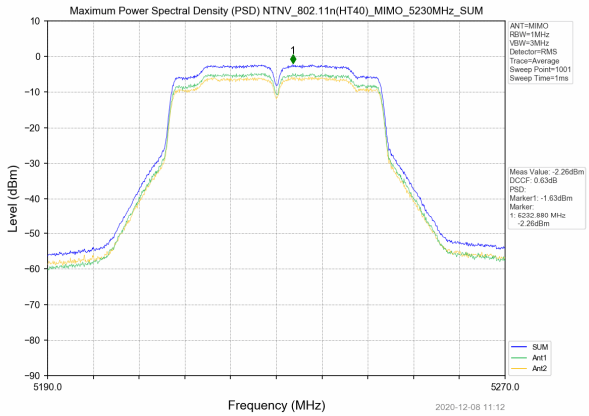

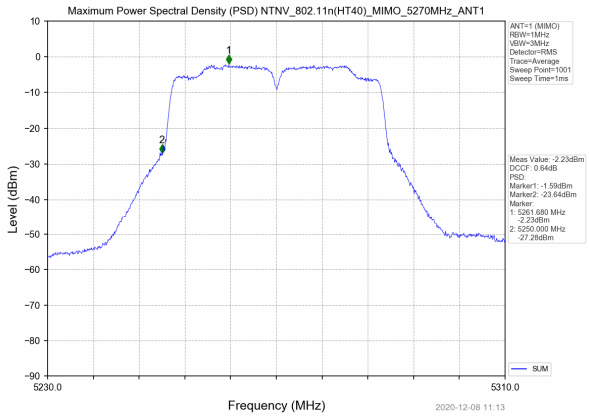

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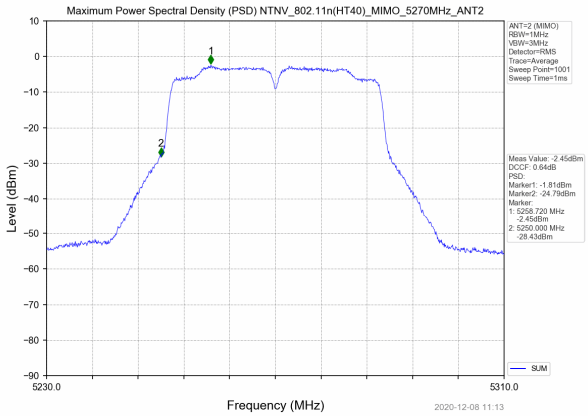

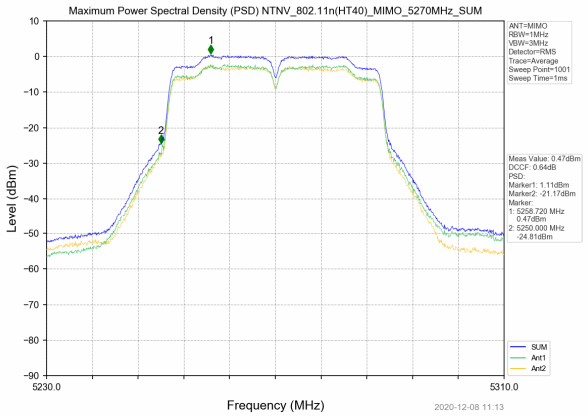

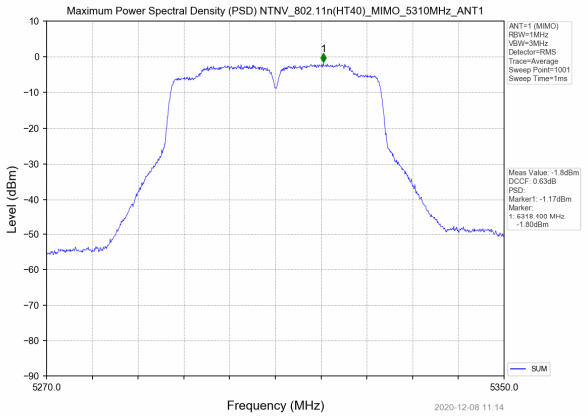

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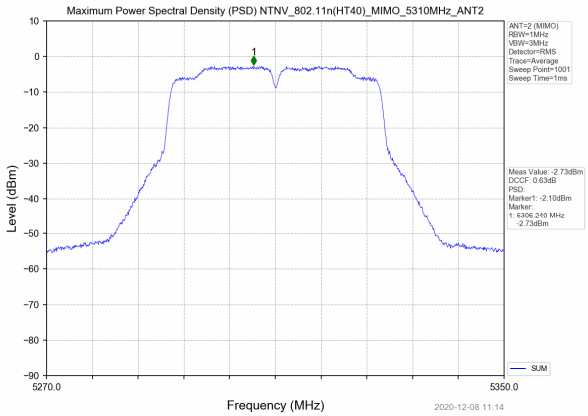

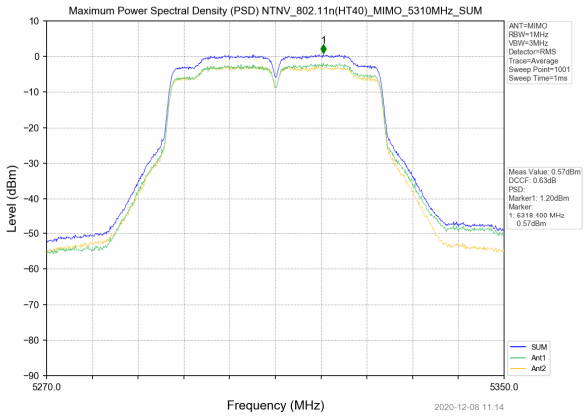

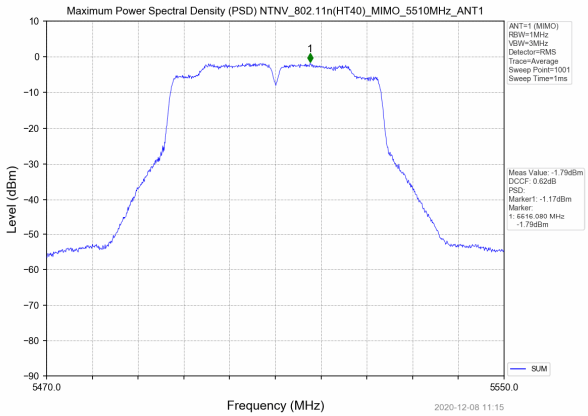

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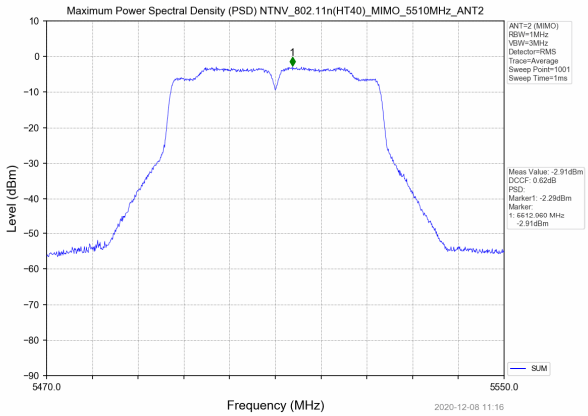

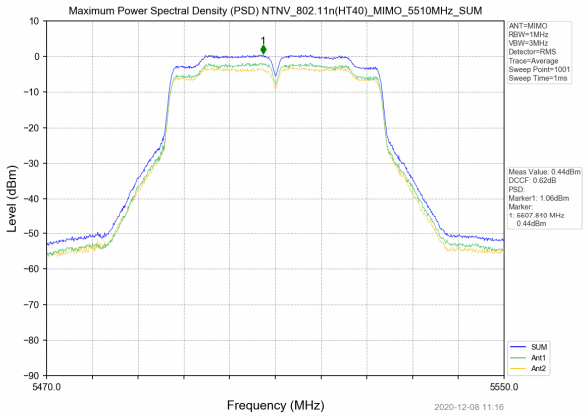

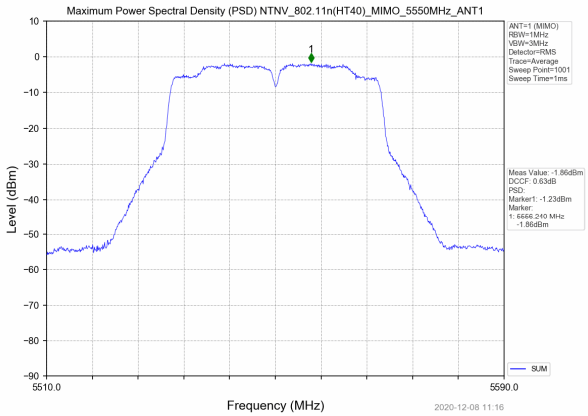

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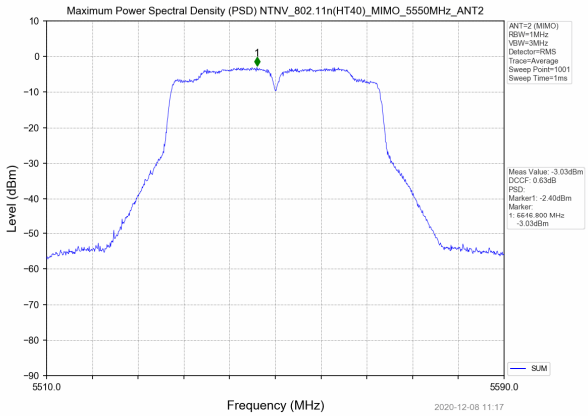

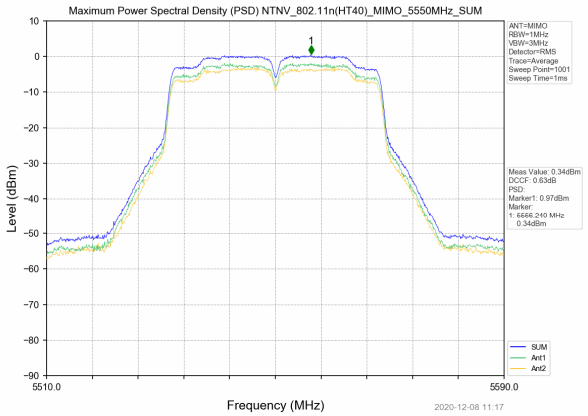

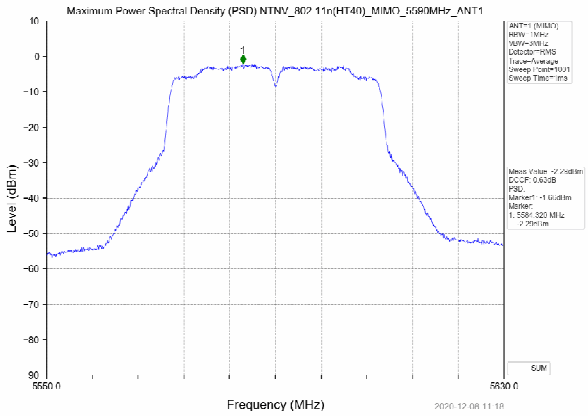

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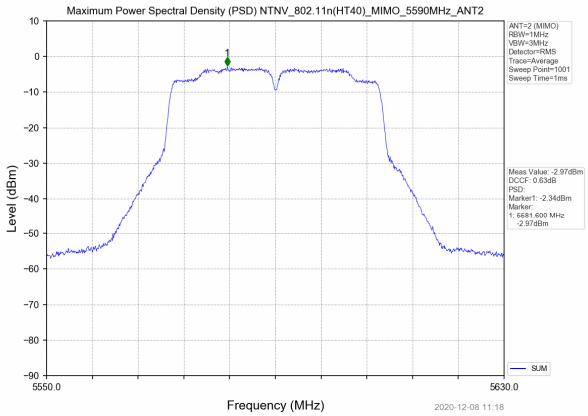

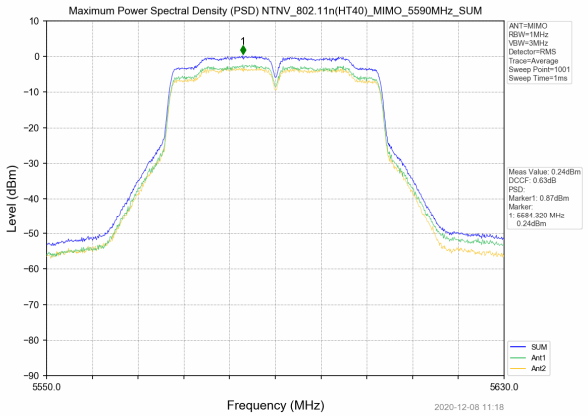

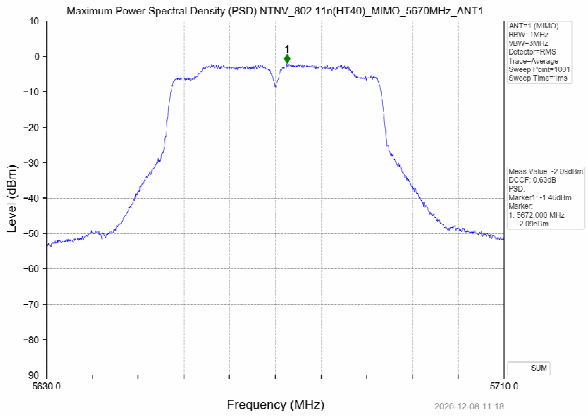

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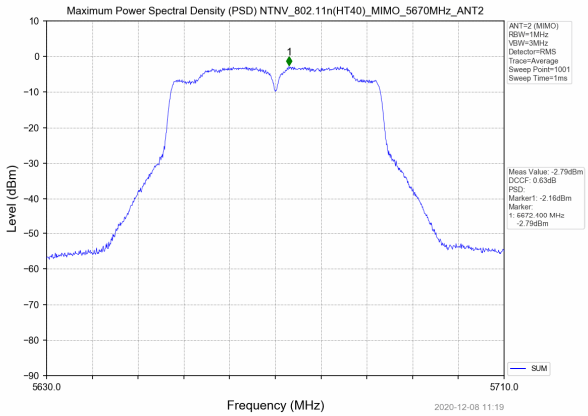

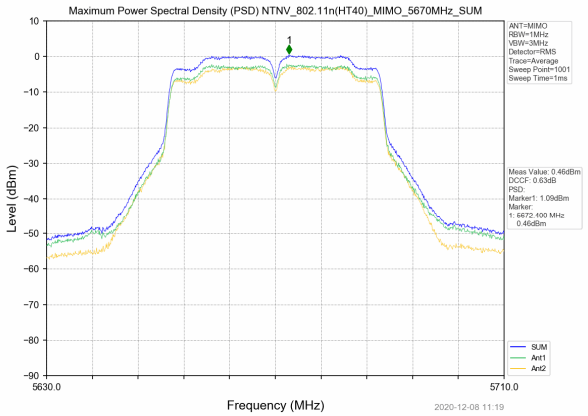

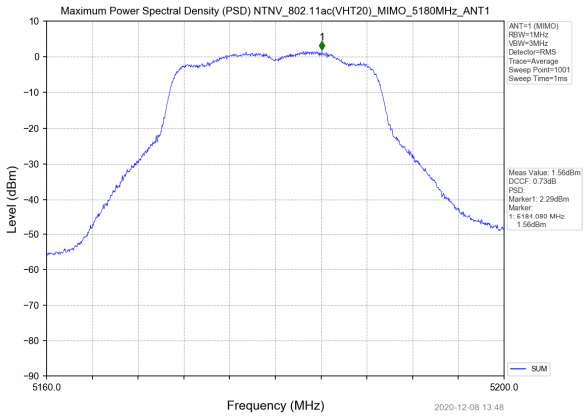

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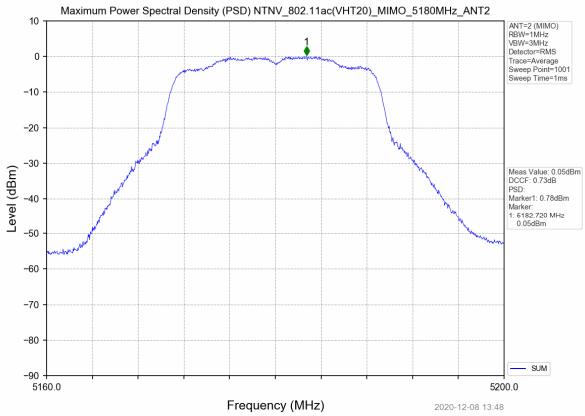

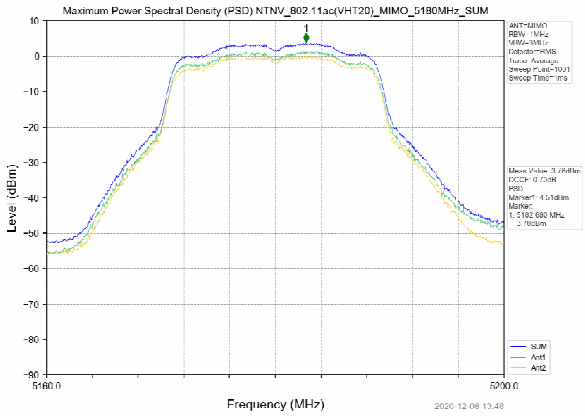

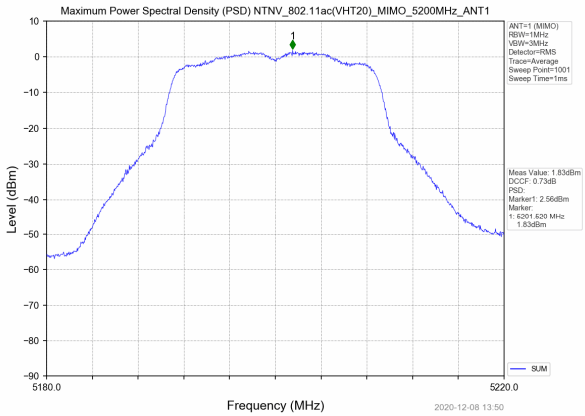

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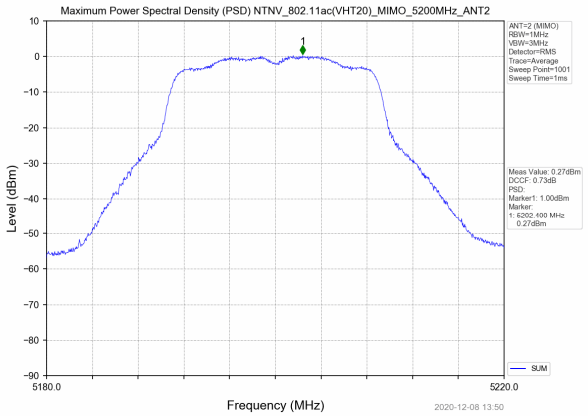

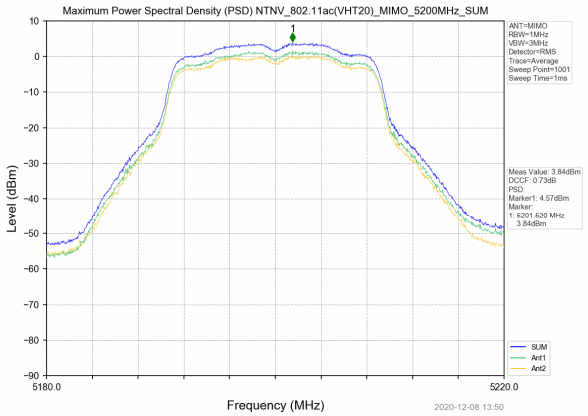

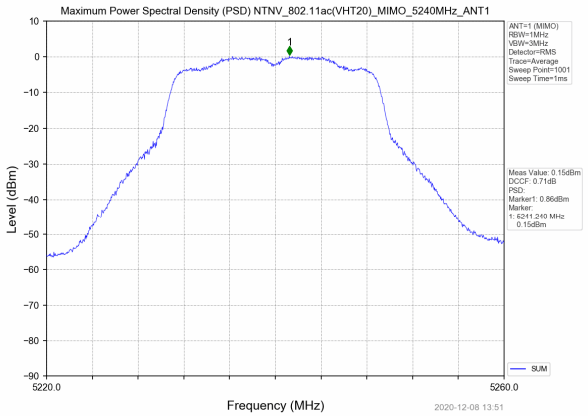

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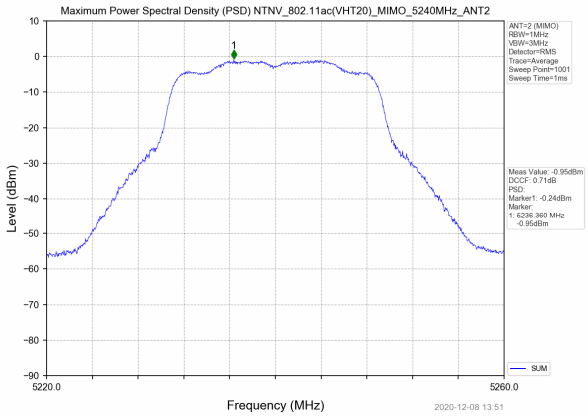

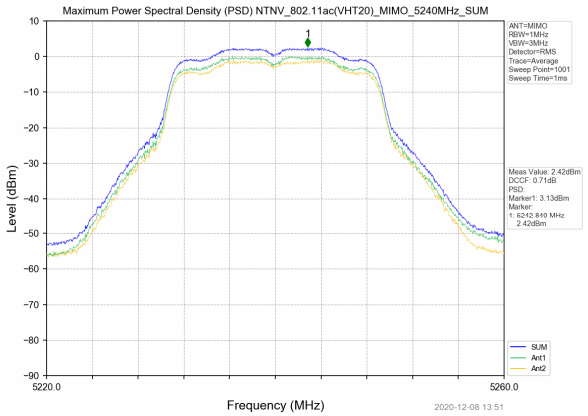

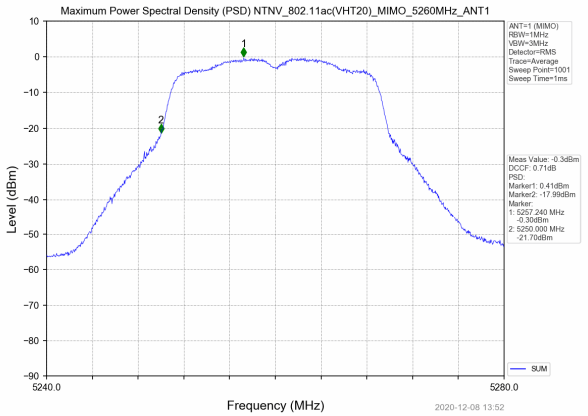

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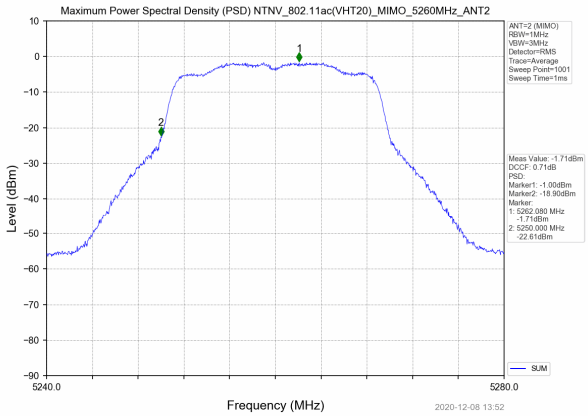

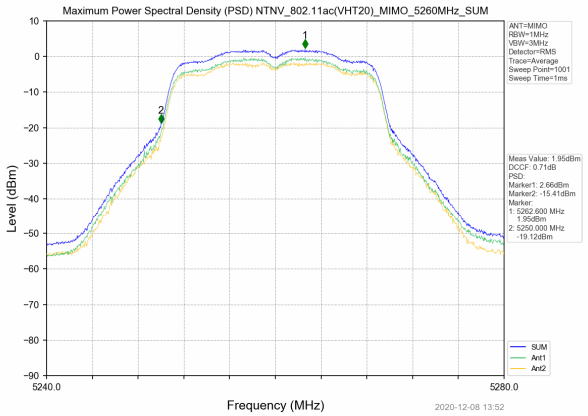

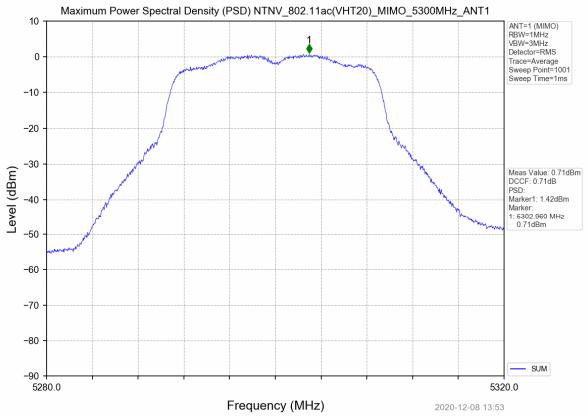

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