

## 2. Emission Bandwidth & 99% Occupied Bandwidth

### 2.1 Test Result

Test Mode	Frequency (MHz)	TX Type	ANT No.	Emission Bandwidth		Verdict
				Test Result (MHz)	Limits (MHz)	
802.11a	5180	SISO	1	20.927	Only for Report Use	PASS
	5200	SISO	1	20.933	Only for Report Use	PASS
	5240	SISO	1	20.905	Only for Report Use	PASS
	5745	SISO	1	15.798	≥0.5	PASS
	5785	SISO	1	16.107	≥0.5	PASS
	5825	SISO	1	16.331	≥0.5	PASS
802.11n(HT20)	5180	SISO	1	21.258	Only for Report Use	PASS
	5200	SISO	1	21.390	Only for Report Use	PASS
	5240	SISO	1	21.194	Only for Report Use	PASS
	5745	SISO	1	17.532	≥0.5	PASS
	5785	SISO	1	16.347	≥0.5	PASS
	5825	SISO	1	16.773	≥0.5	PASS
802.11n(HT40)	5190	SISO	1	51.804	Only for Report Use	PASS
	5230	SISO	1	53.230	Only for Report Use	PASS
	5755	SISO	1	35.518	≥0.5	PASS
	5795	SISO	1	35.536	≥0.5	PASS
802.11ac(VHT20)	5180	SISO	1	21.175	Only for Report Use	PASS
	5200	SISO	1	21.299	Only for Report Use	PASS
	5240	SISO	1	21.175	Only for Report Use	PASS
	5745	SISO	1	16.424	≥0.5	PASS
	5785	SISO	1	17.215	≥0.5	PASS
	5825	SISO	1	17.135	≥0.5	PASS
802.11ac(VHT40)	5190	SISO	1	49.949	Only for Report Use	PASS
	5230	SISO	1	52.020	Only for Report Use	PASS
	5755	SISO	1	35.792	≥0.5	PASS
	5795	SISO	1	35.371	≥0.5	PASS
802.11ac(VHT80)	5210	SISO	1	81.058	Only for Report Use	PASS
	5775	SISO	1	75.571	≥0.5	PASS

Test Mode	Frequency (MHz)	TX Type	ANT No.	99% Occupied Bandwidth	
				Test Result (MHz)	
802.11a	5180	SISO	1	16.865	Only for Report Use
	5200	SISO	1	16.813	Only for Report Use
	5240	SISO	1	16.810	Only for Report Use
	5745	SISO	1	17.256	Only for Report Use
	5785	SISO	1	17.088	Only for Report Use
	5825	SISO	1	17.202	Only for Report Use

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802.11n(HT20)	5180	SISO	1	17.956	Only for Report Use
	5200	SISO	1	17.909	Only for Report Use
	5240	SISO	1	17.944	Only for Report Use
	5745	SISO	1	18.349	Only for Report Use
	5785	SISO	1	18.697	Only for Report Use
	5825	SISO	1	18.616	Only for Report Use
802.11n(HT40)	5190	SISO	1	36.964	Only for Report Use
	5230	SISO	1	36.925	Only for Report Use
	5755	SISO	1	36.867	Only for Report Use
	5795	SISO	1	37.034	Only for Report Use
802.11ac(VHT20)	5180	SISO	1	17.908	Only for Report Use
	5200	SISO	1	17.975	Only for Report Use
	5240	SISO	1	17.894	Only for Report Use
	5745	SISO	1	18.427	Only for Report Use
	5785	SISO	1	18.486	Only for Report Use
	5825	SISO	1	18.458	Only for Report Use
802.11ac(VHT40)	5190	SISO	1	36.900	Only for Report Use
	5230	SISO	1	36.869	Only for Report Use
	5755	SISO	1	36.860	Only for Report Use
	5795	SISO	1	36.834	Only for Report Use
802.11ac(VHT80)	5210	SISO	1	75.622	Only for Report Use
	5775	SISO	1	75.775	Only for Report Use

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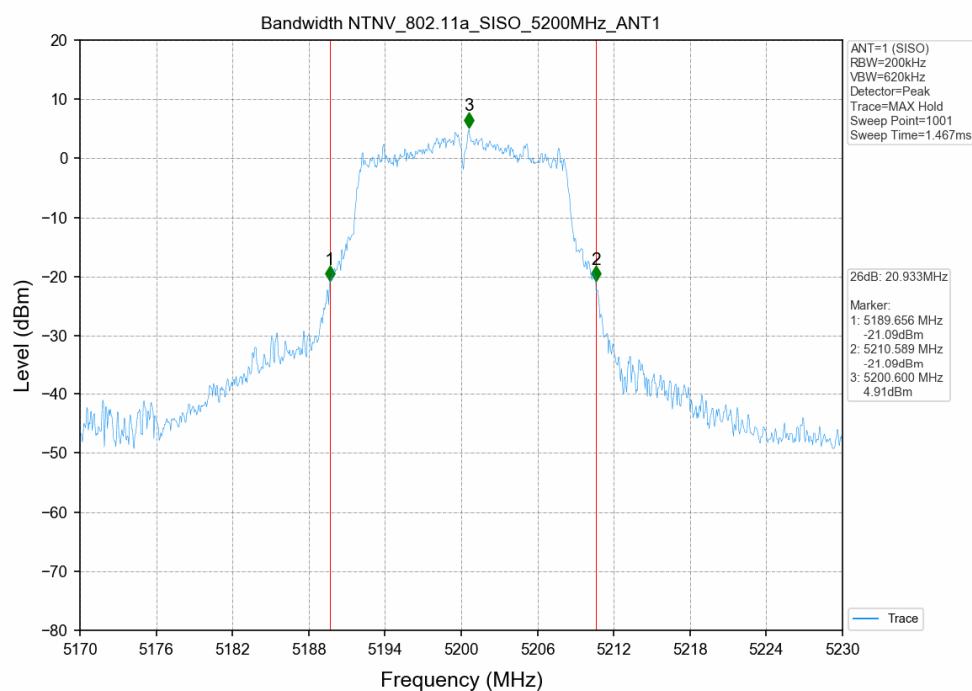
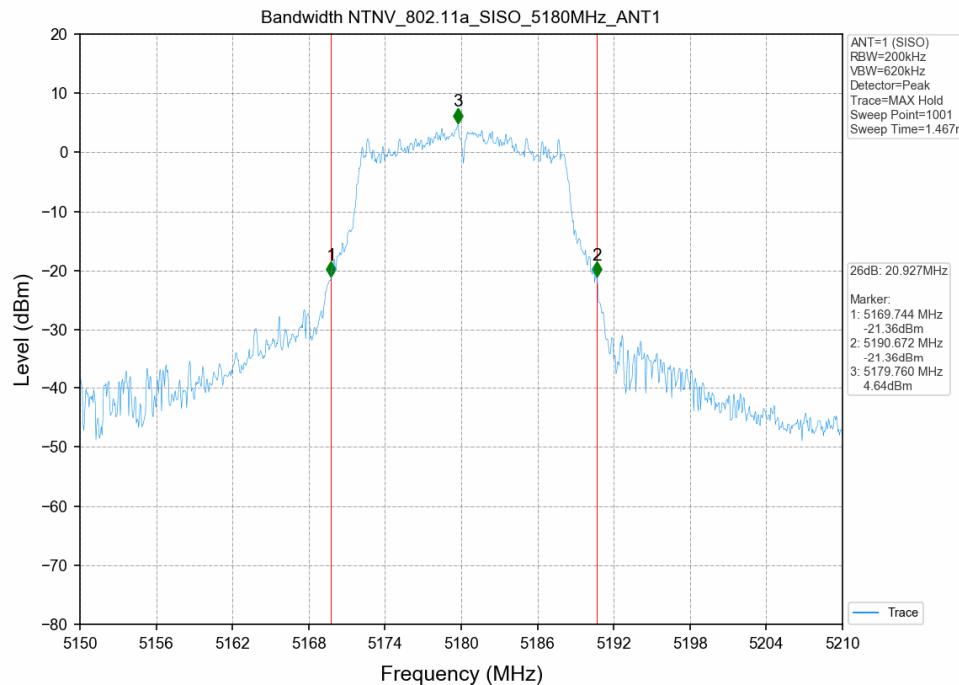
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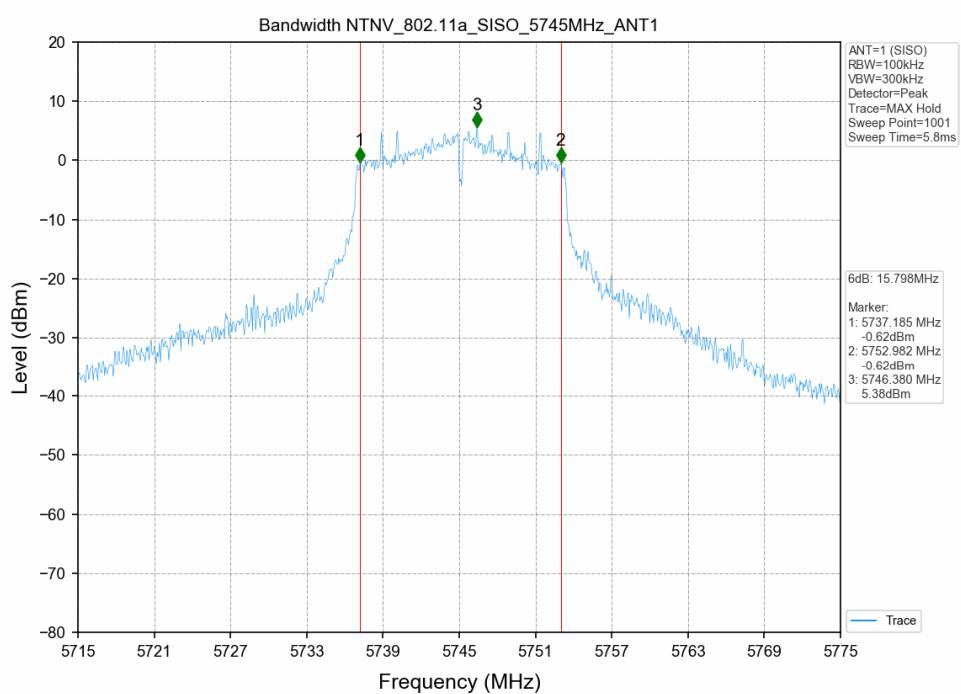
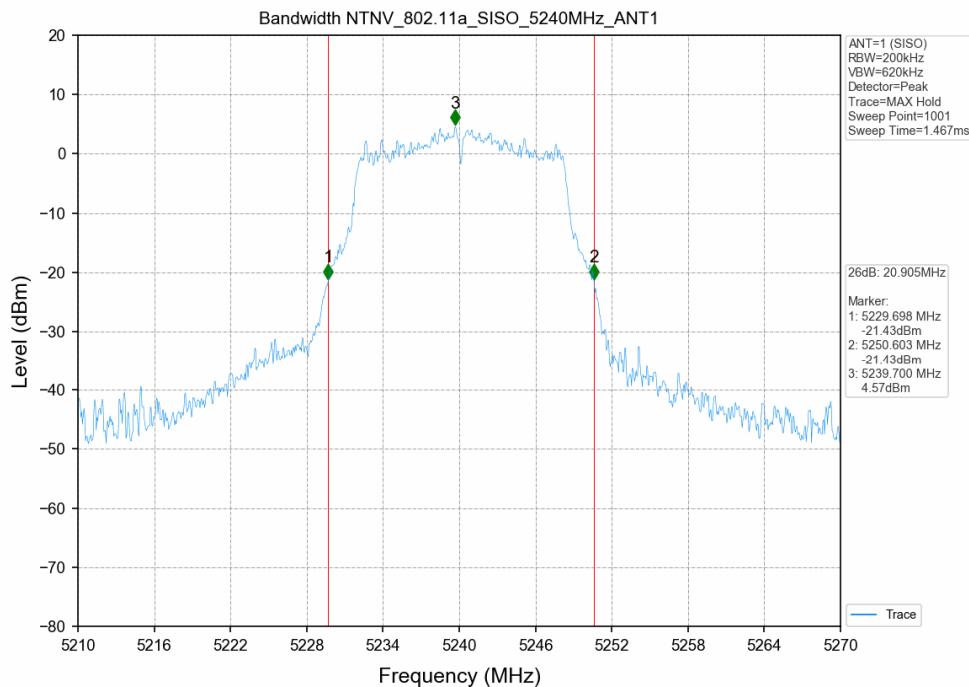
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## 2.2 Test Graph - Emission Bandwidth



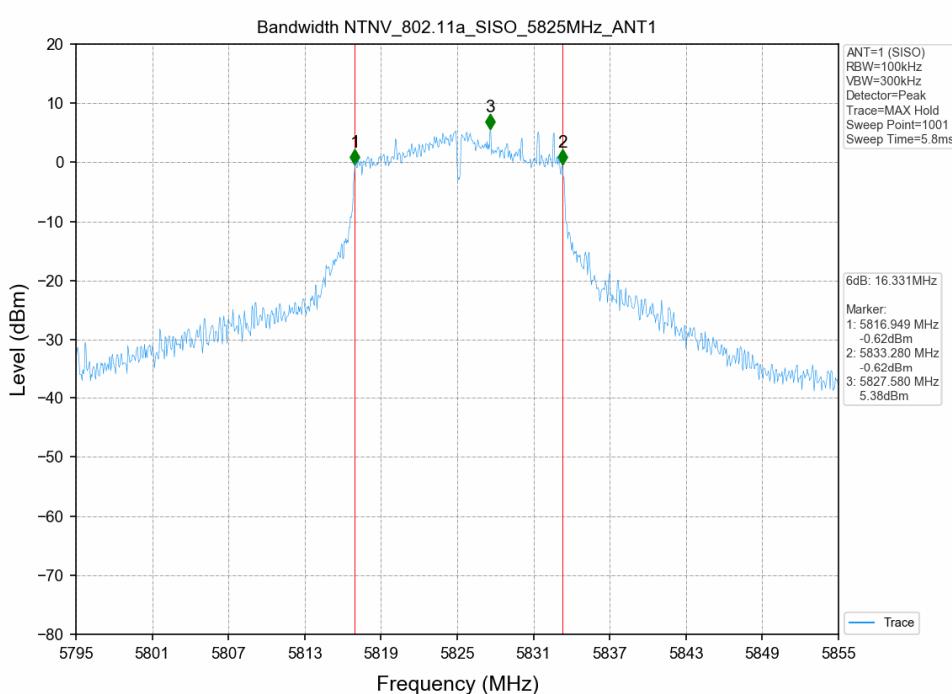
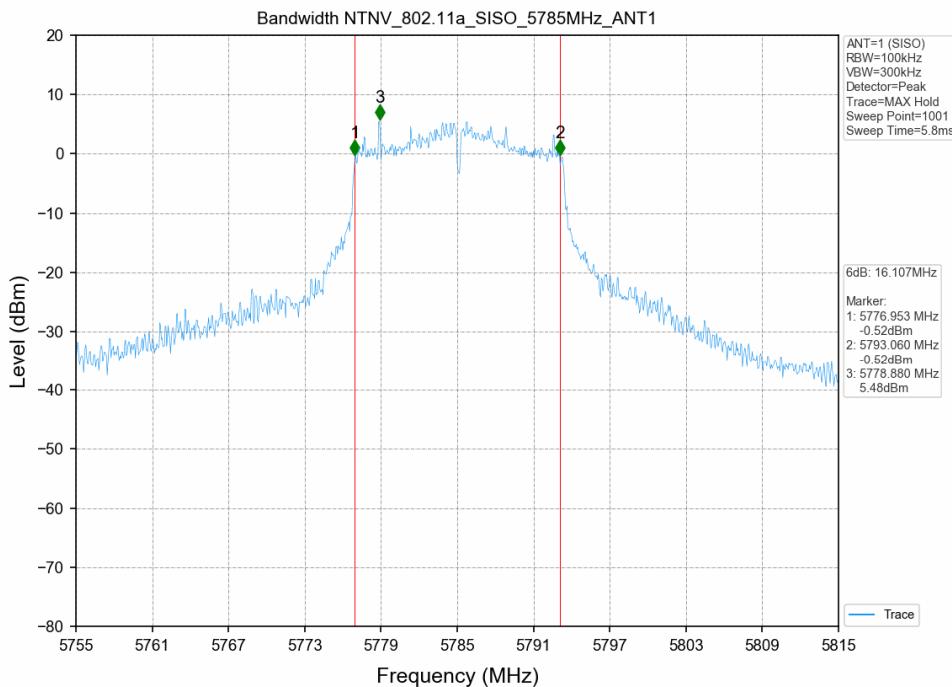
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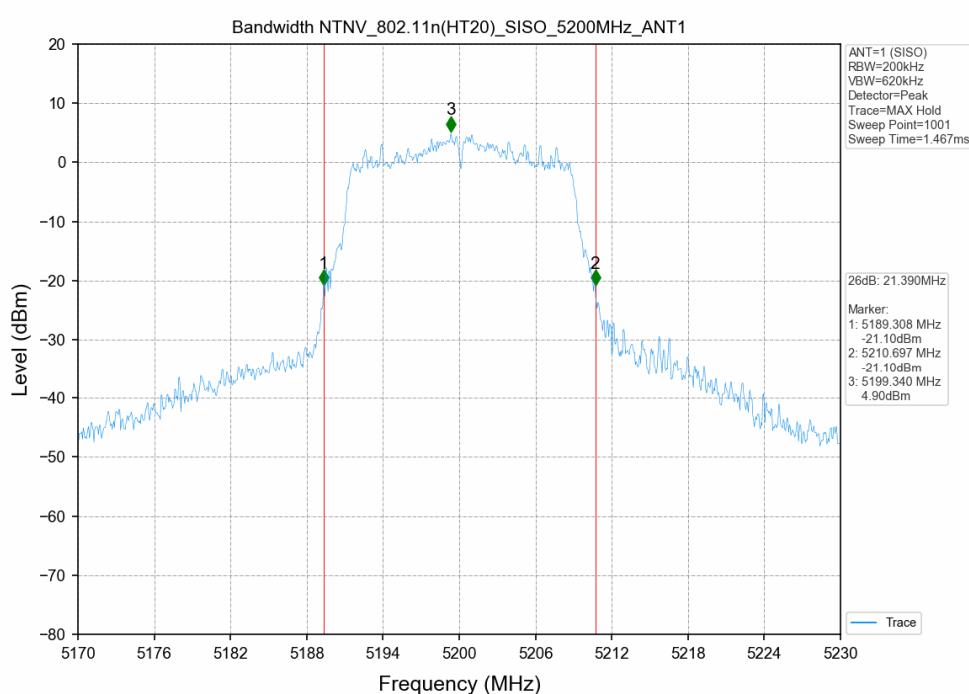
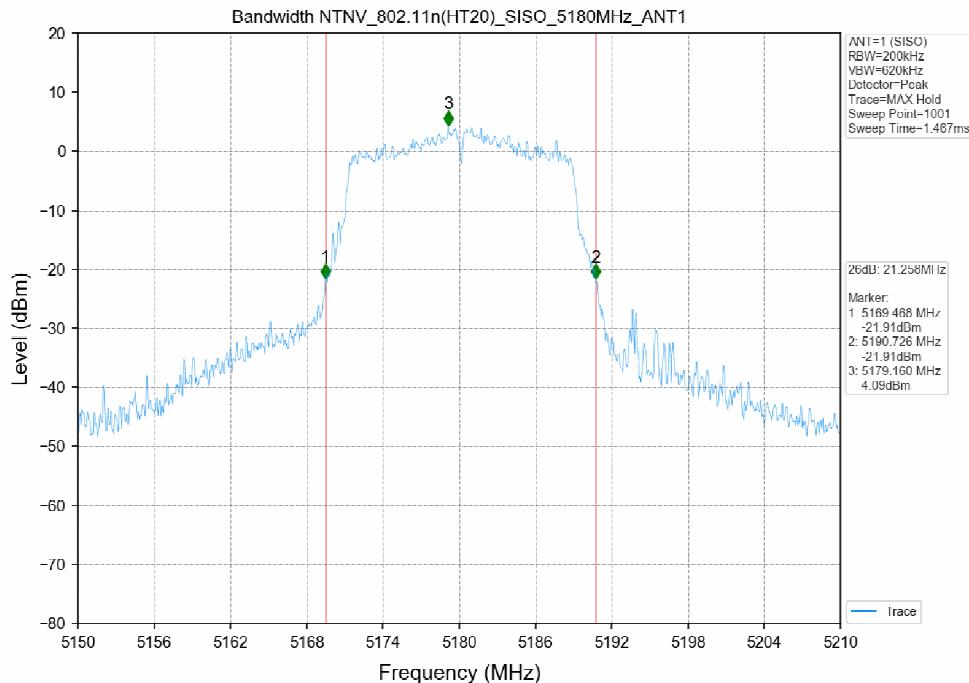
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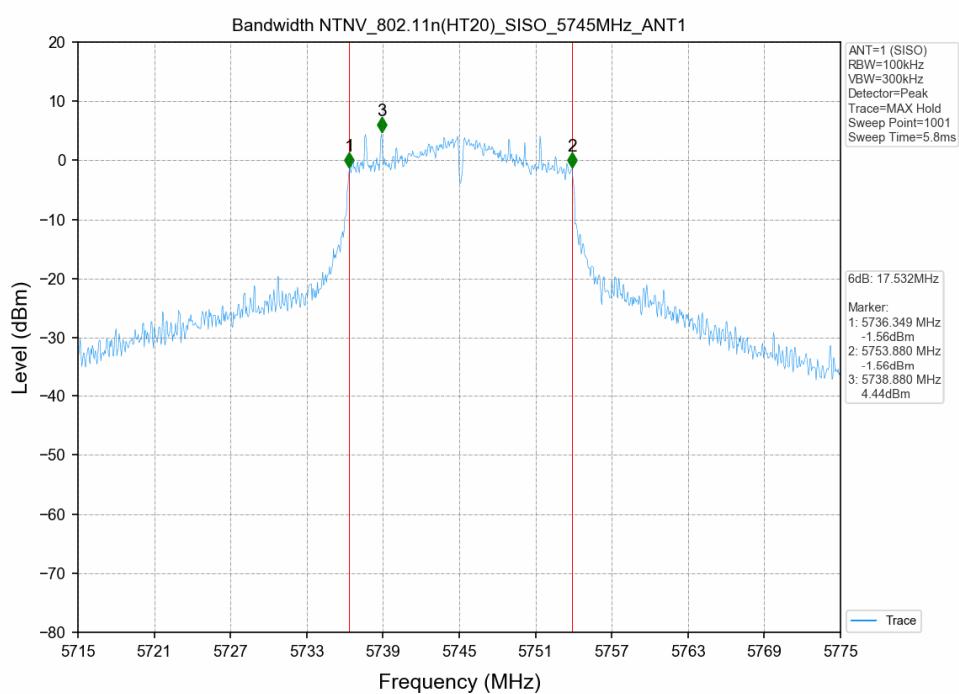
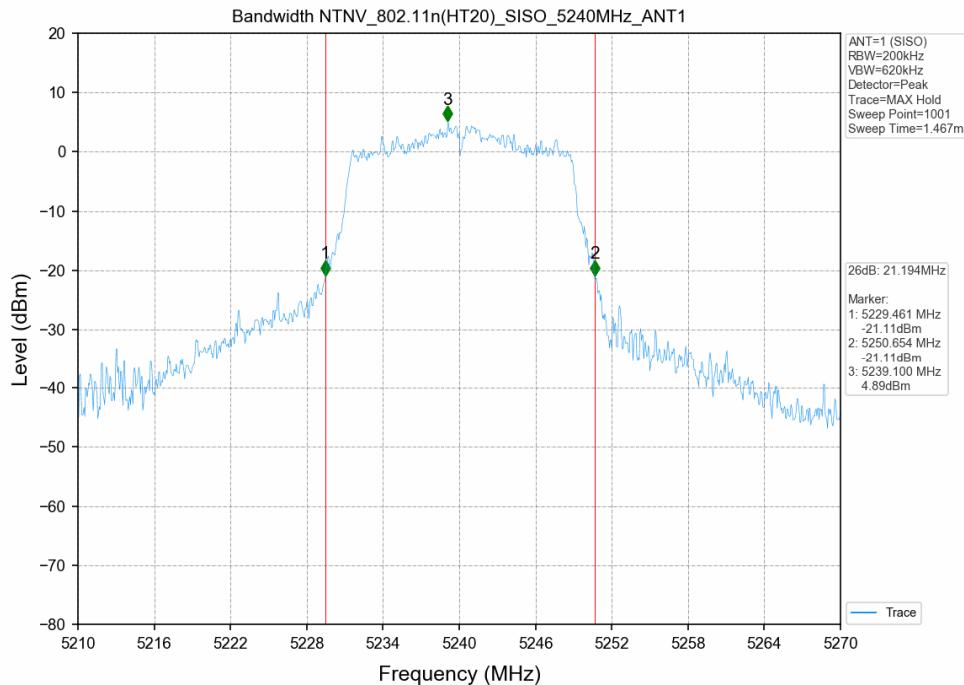
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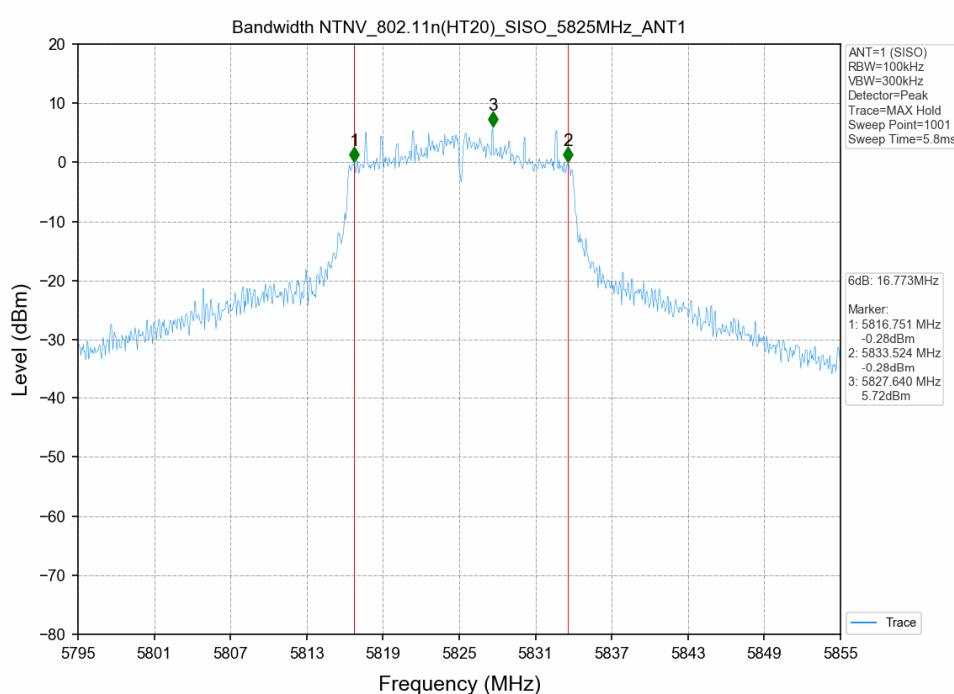
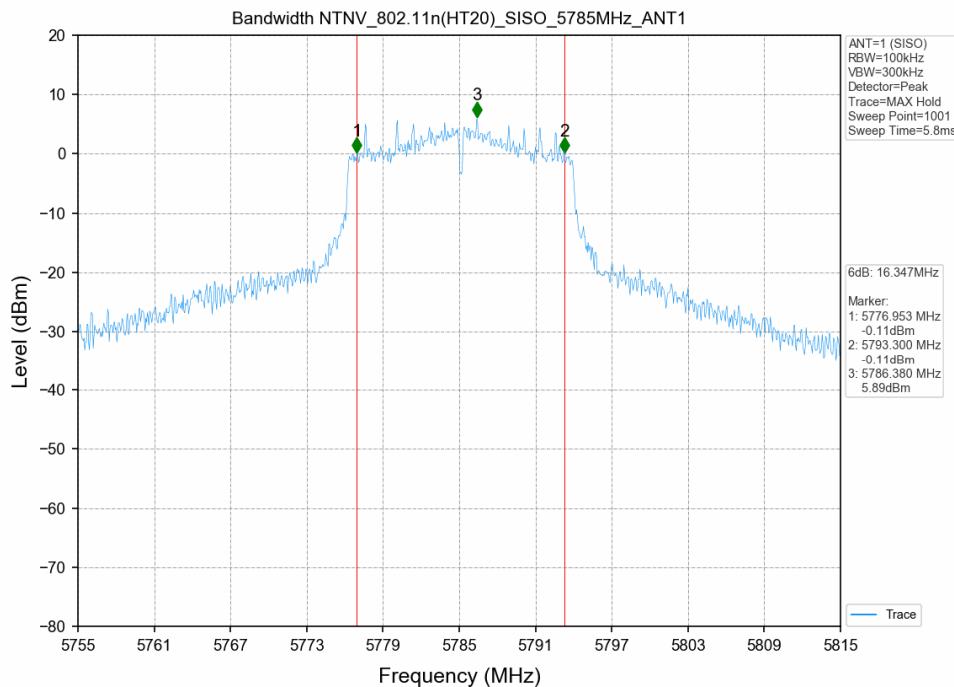
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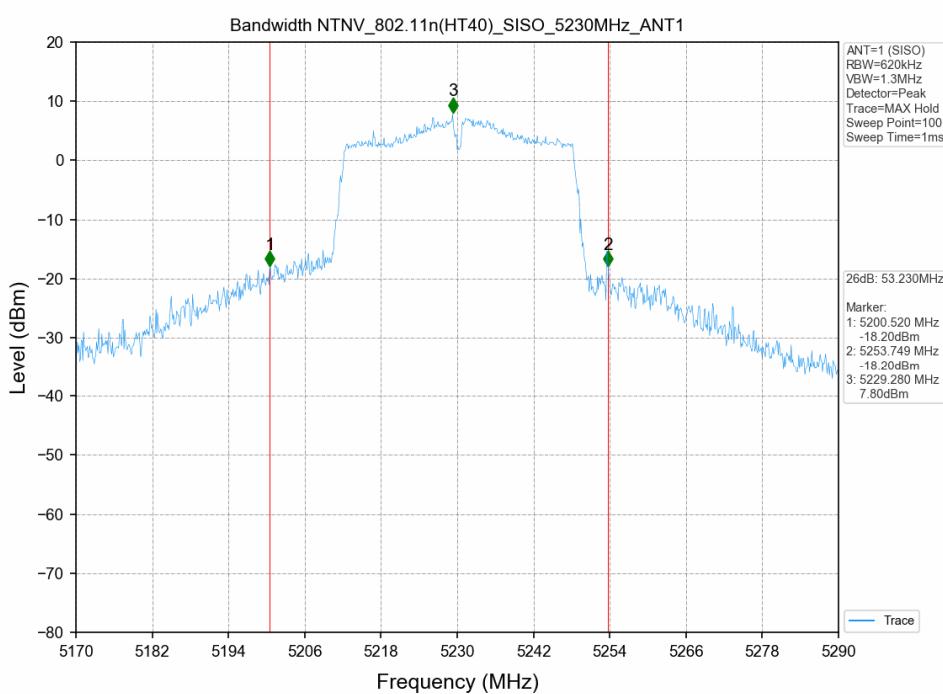
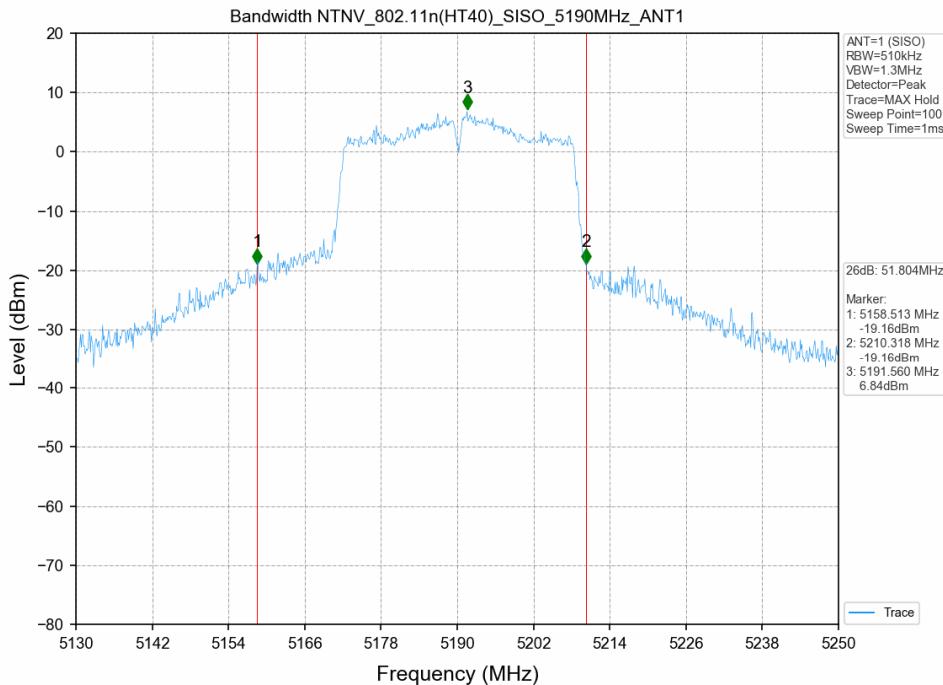
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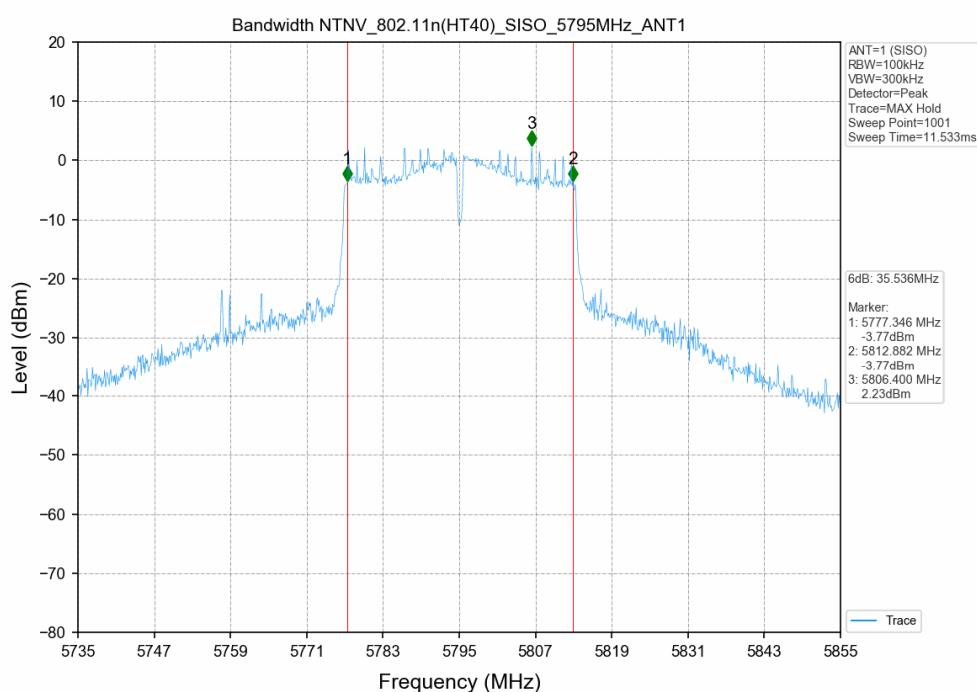
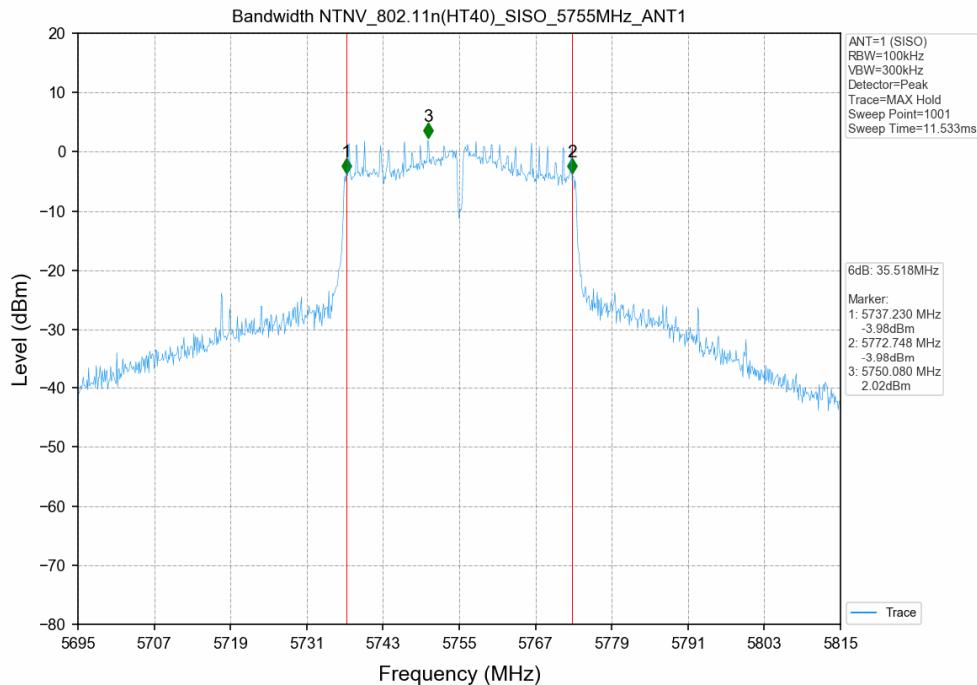
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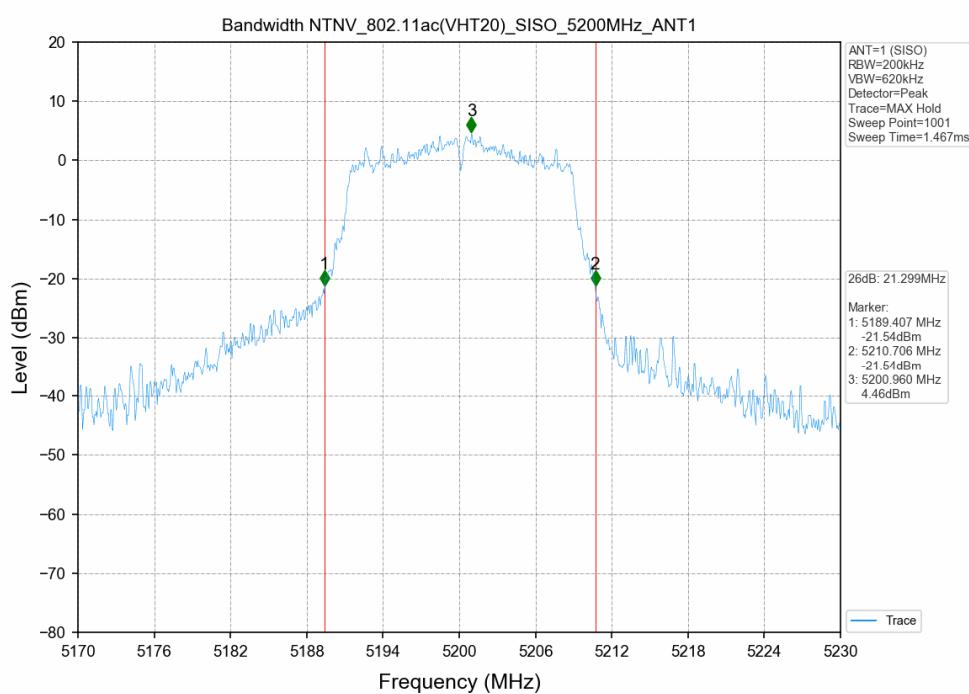
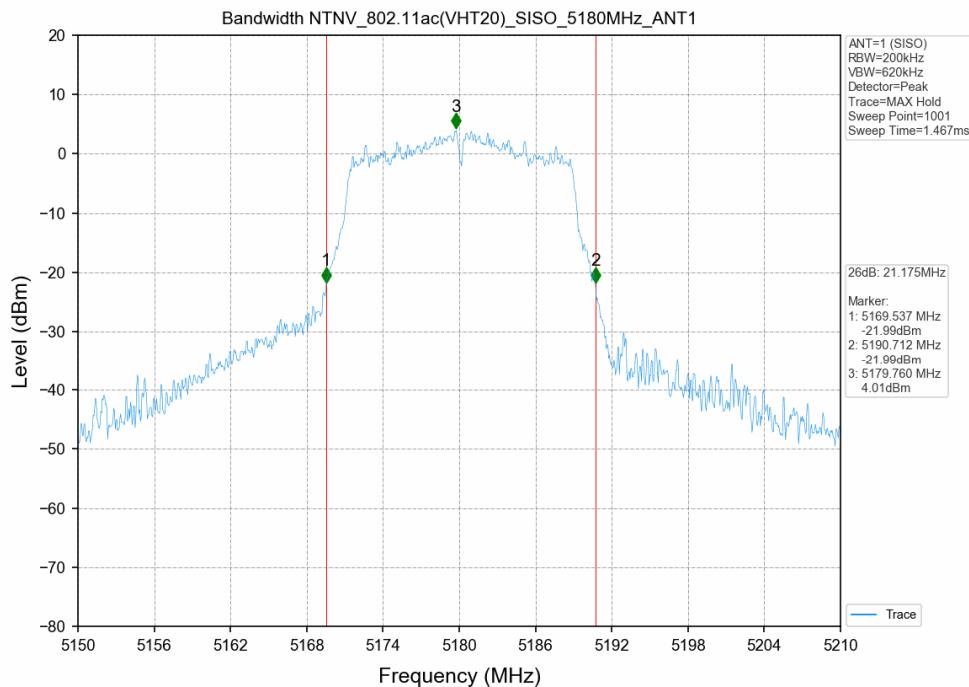
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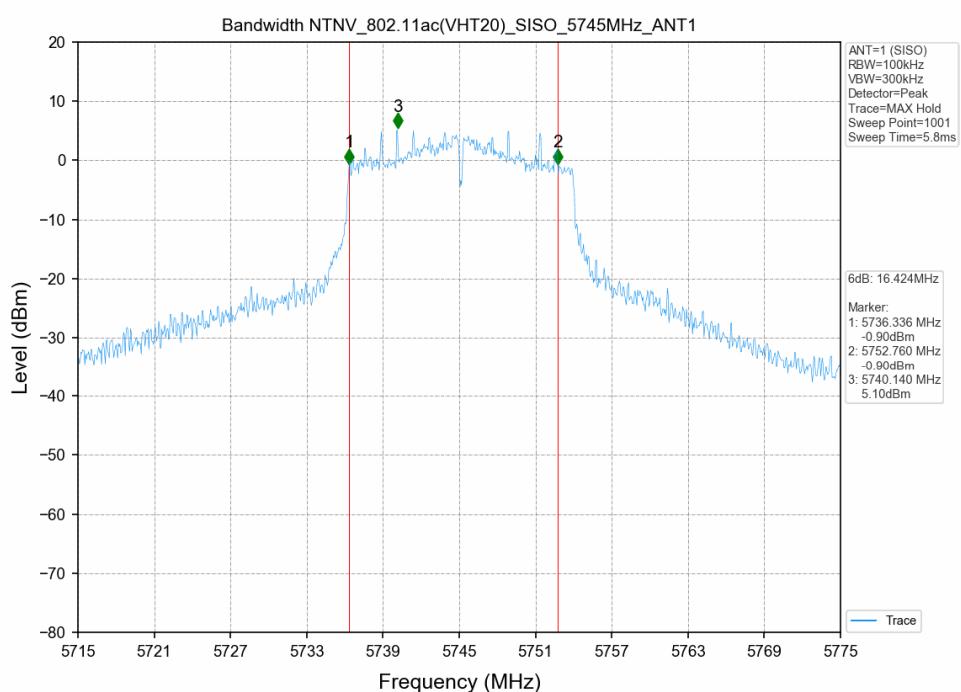
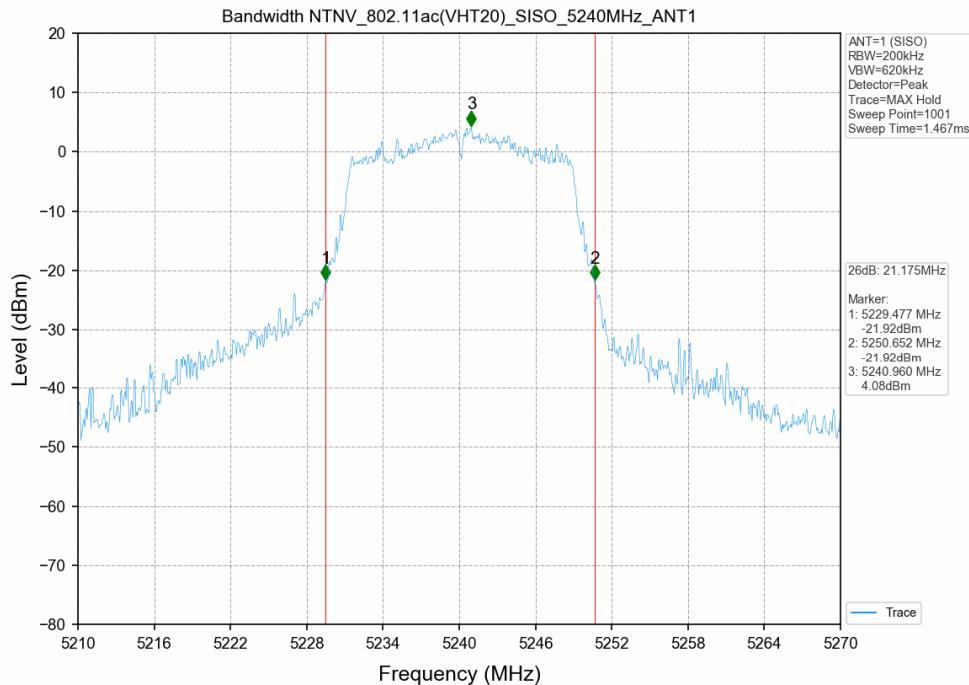
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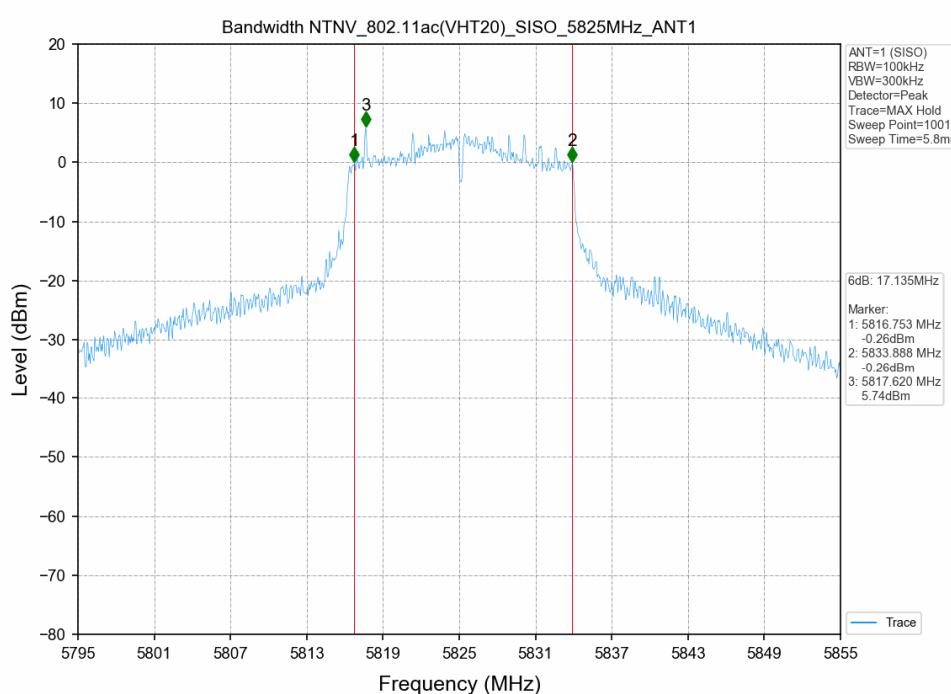
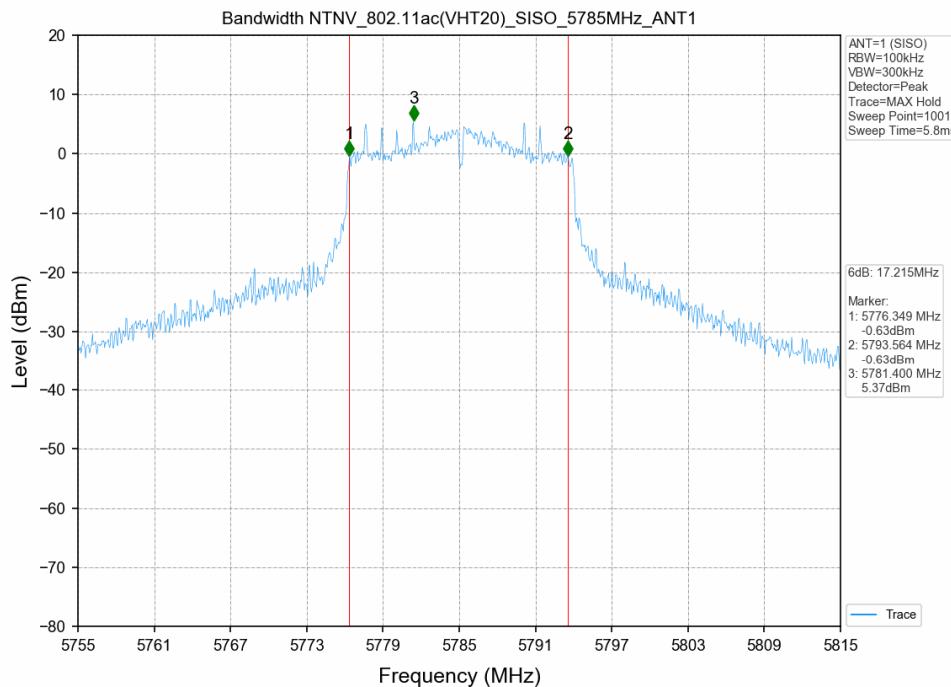
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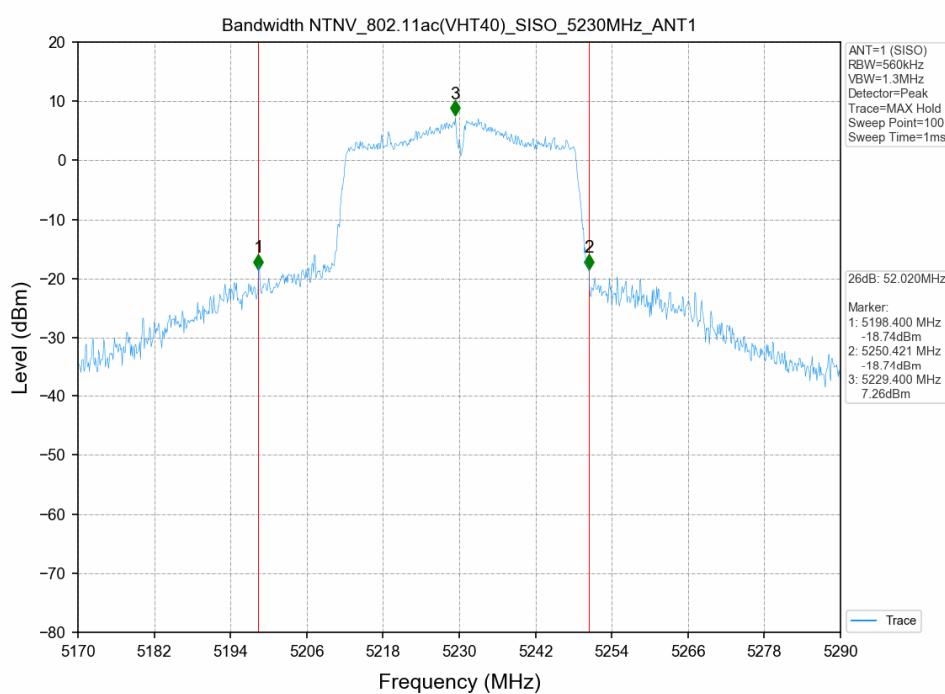
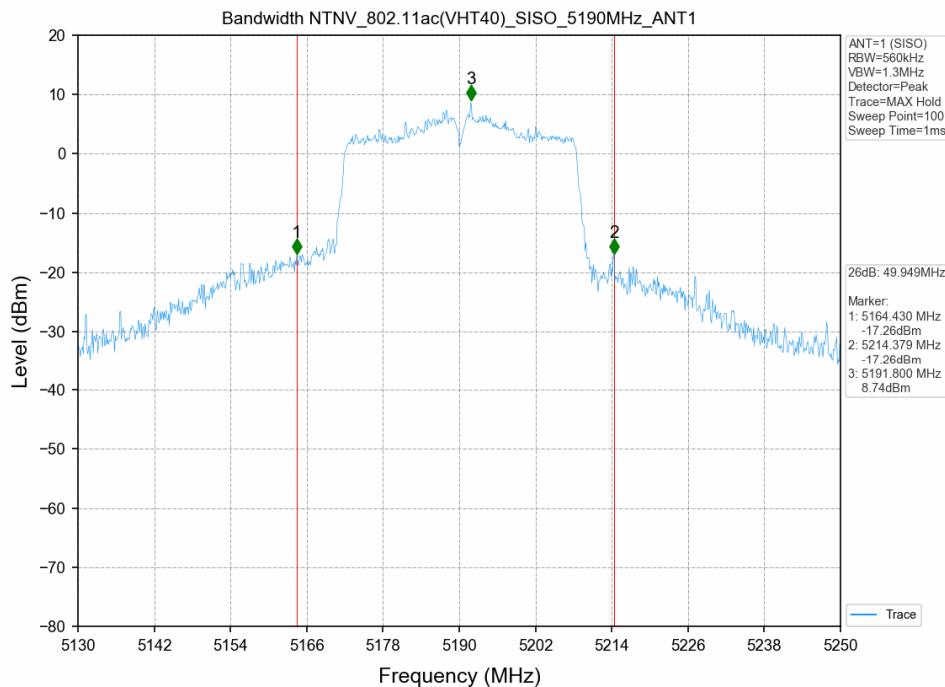
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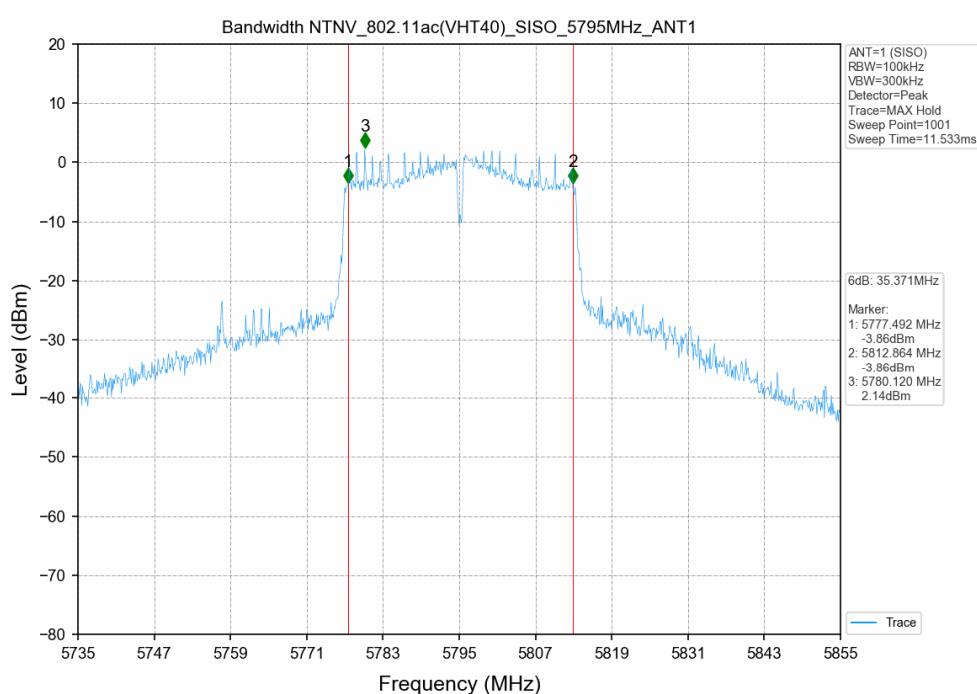
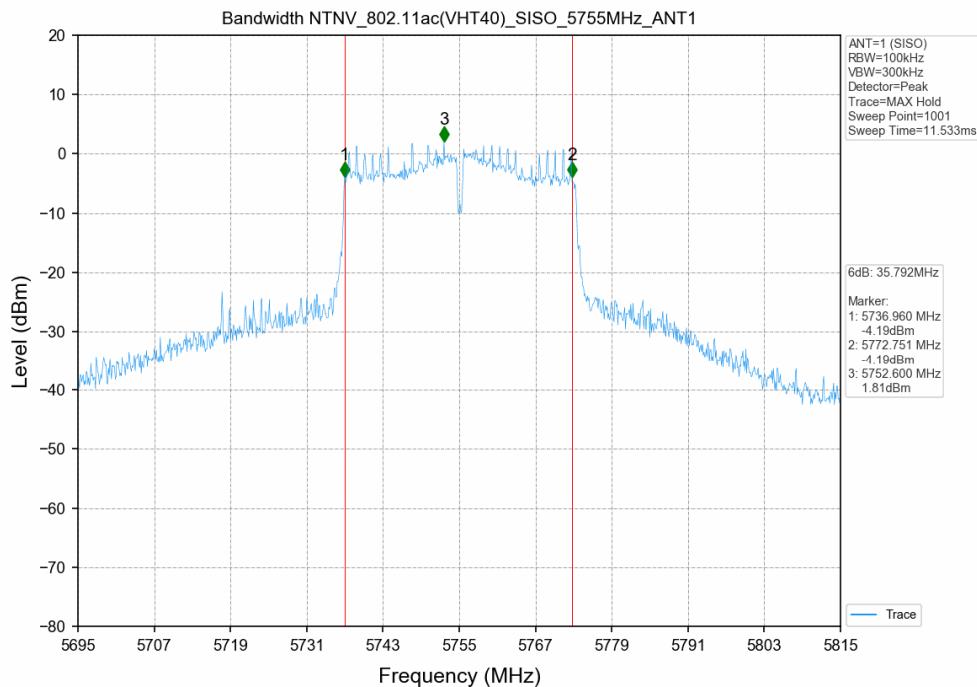
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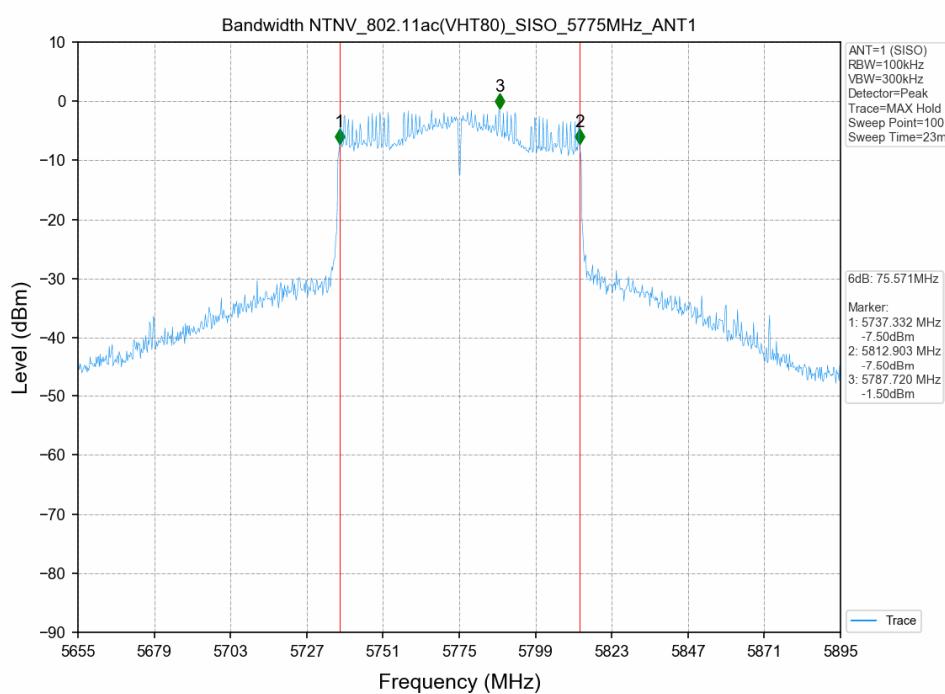
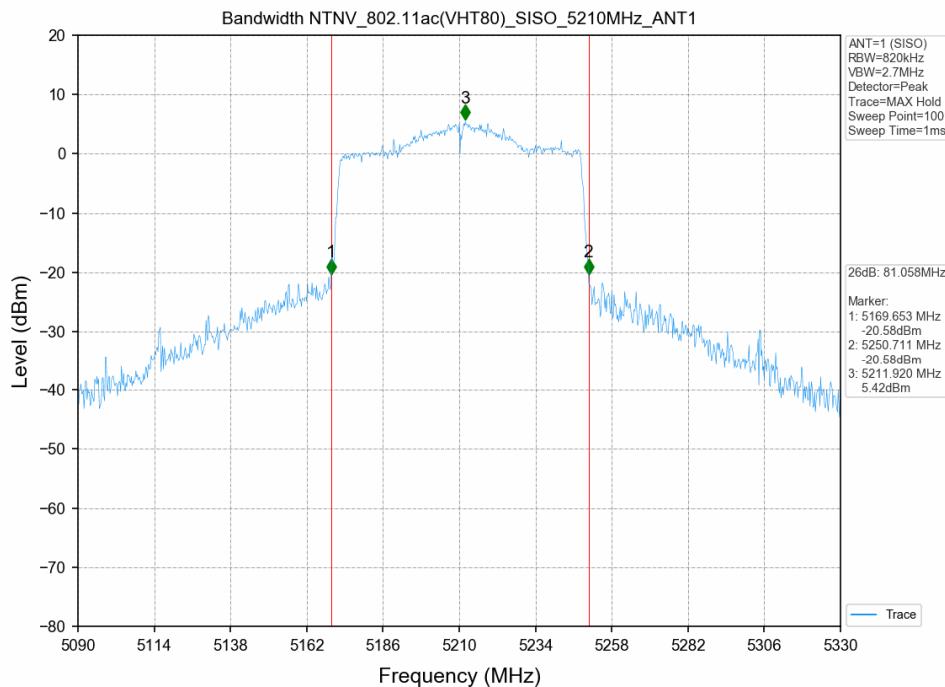
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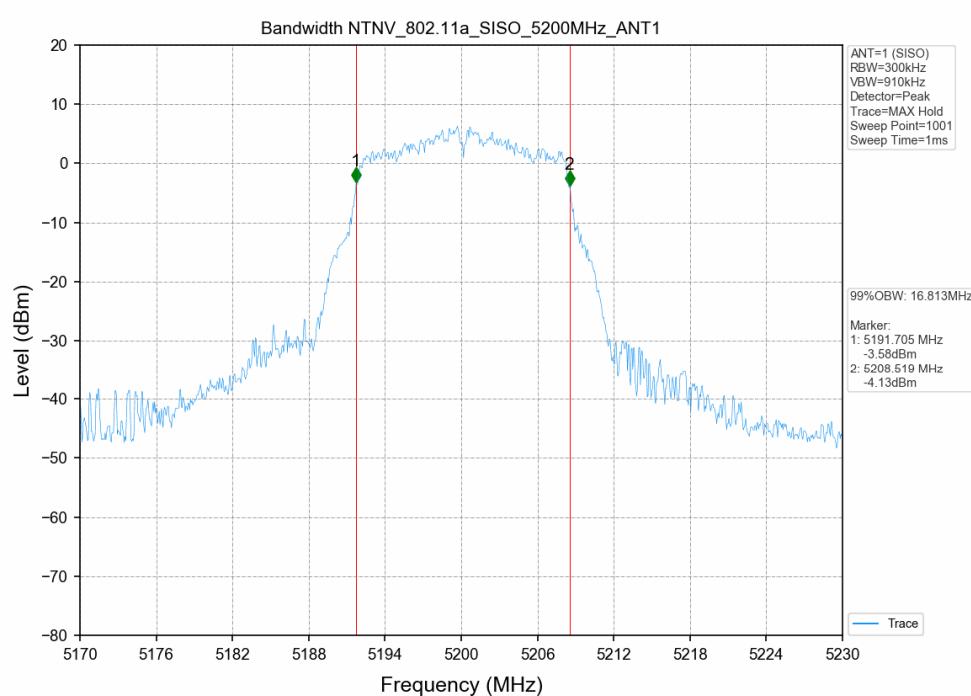
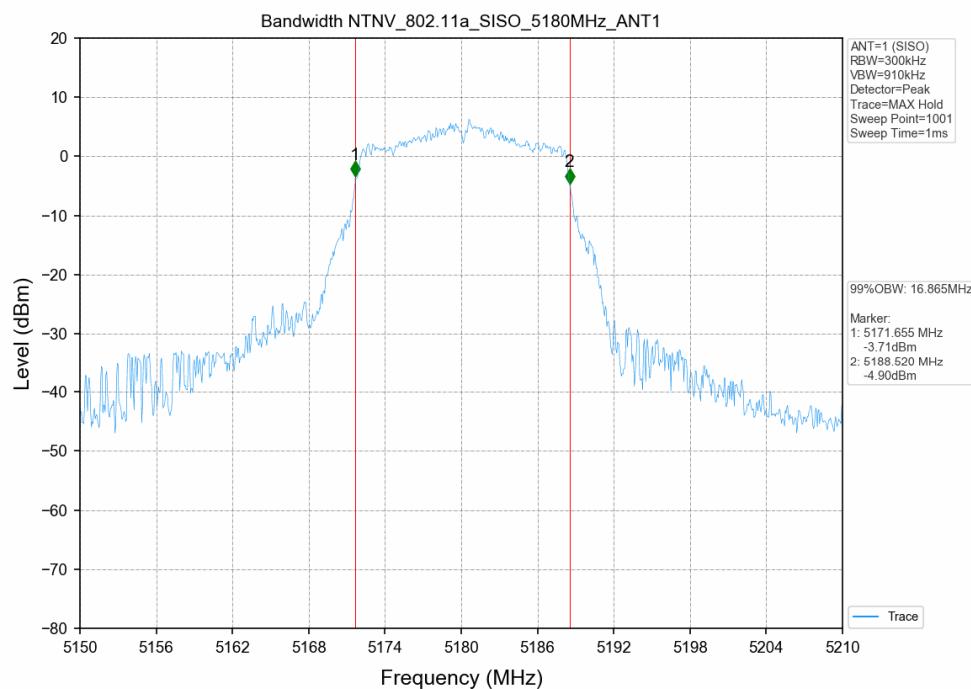
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## 2.3 Test Graph - 99% Occupied Bandwidth



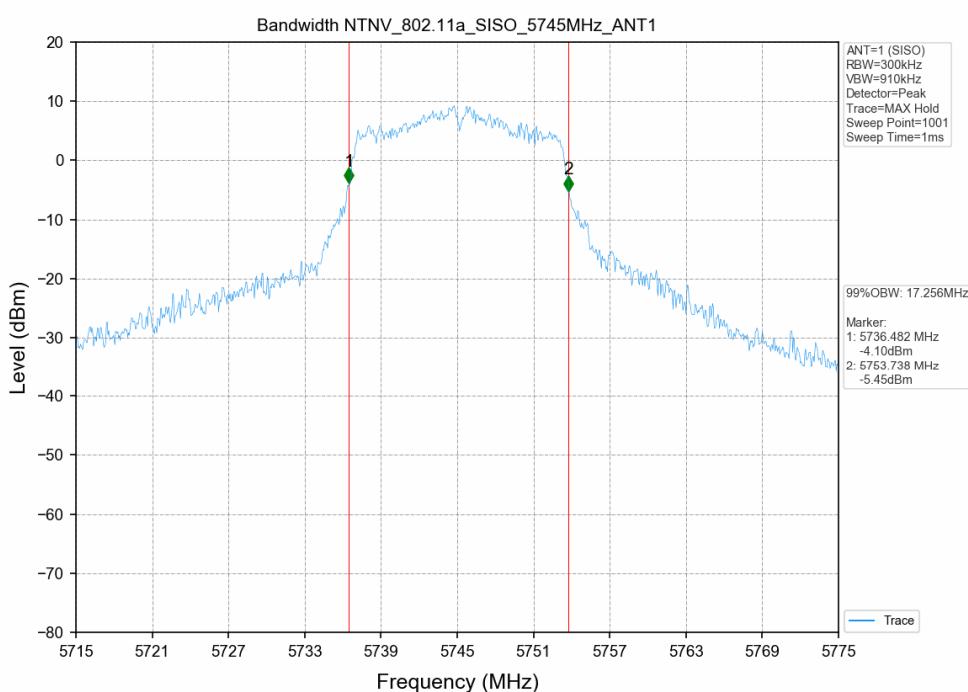
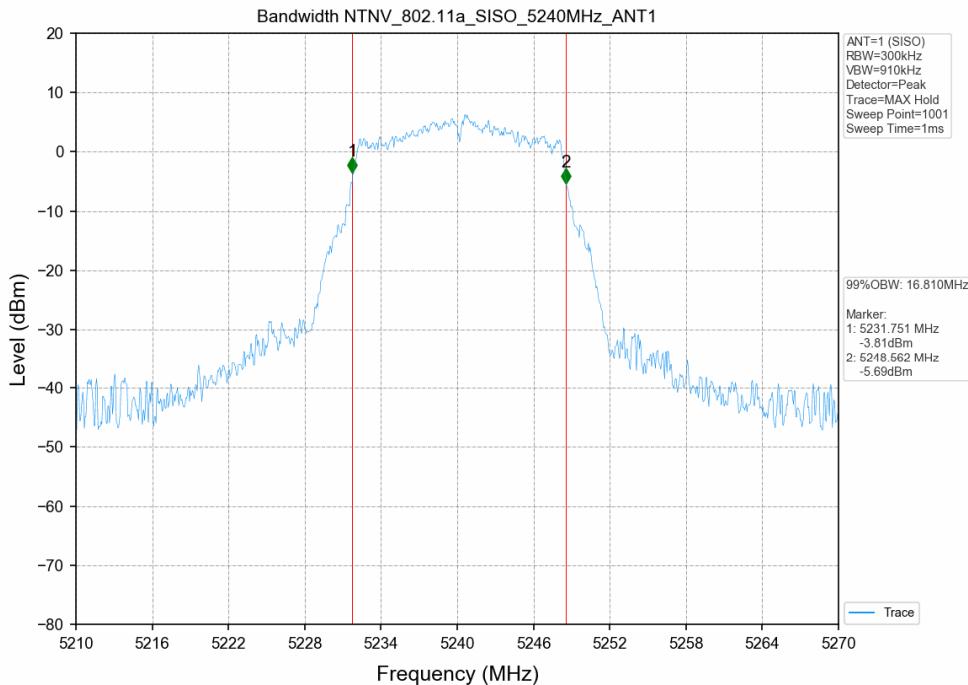
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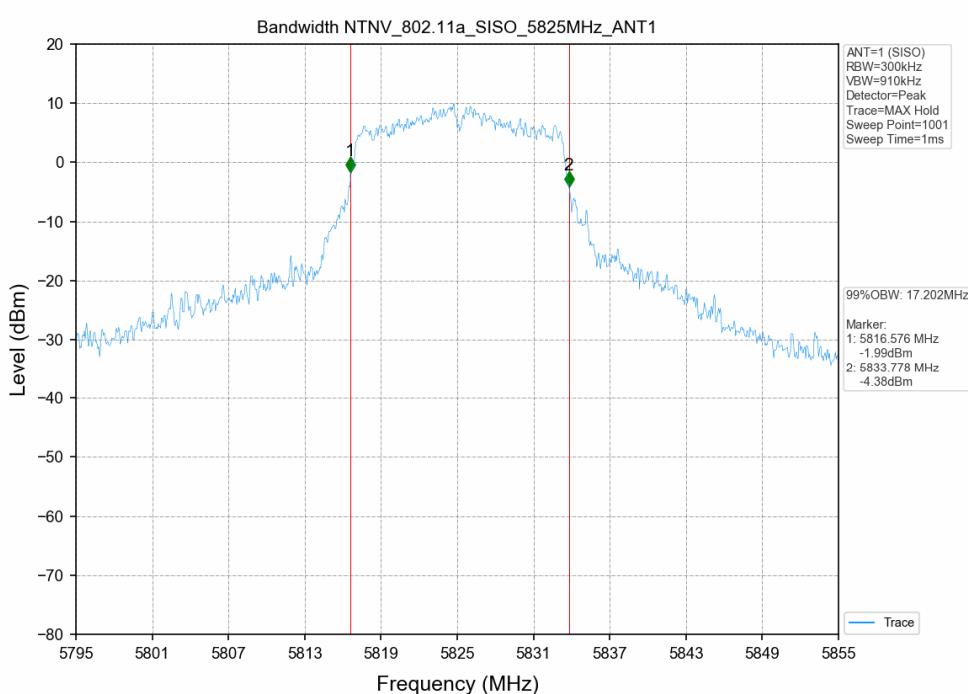
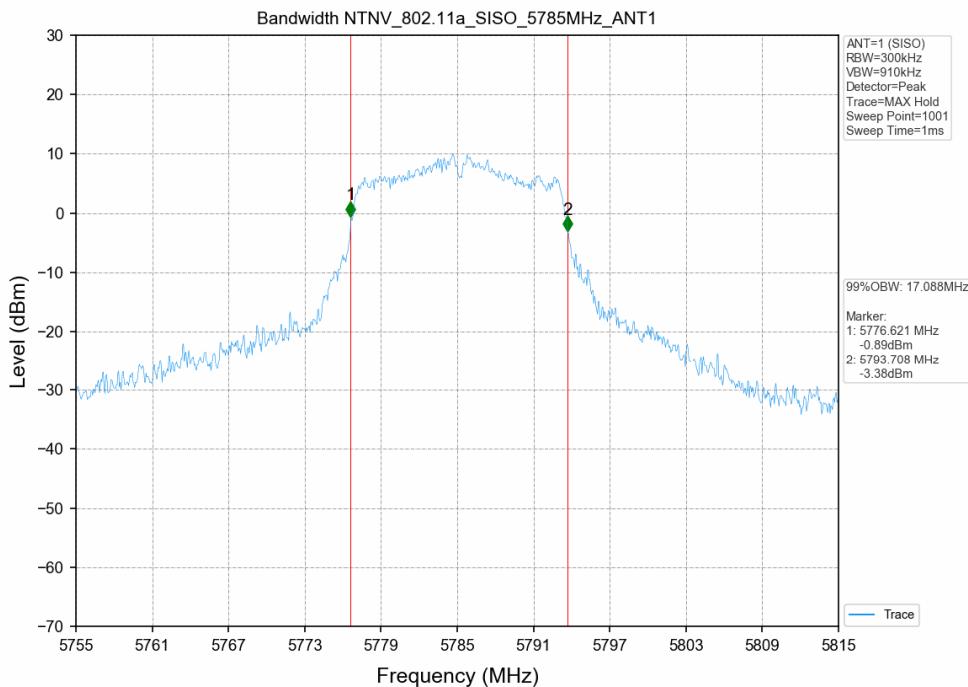
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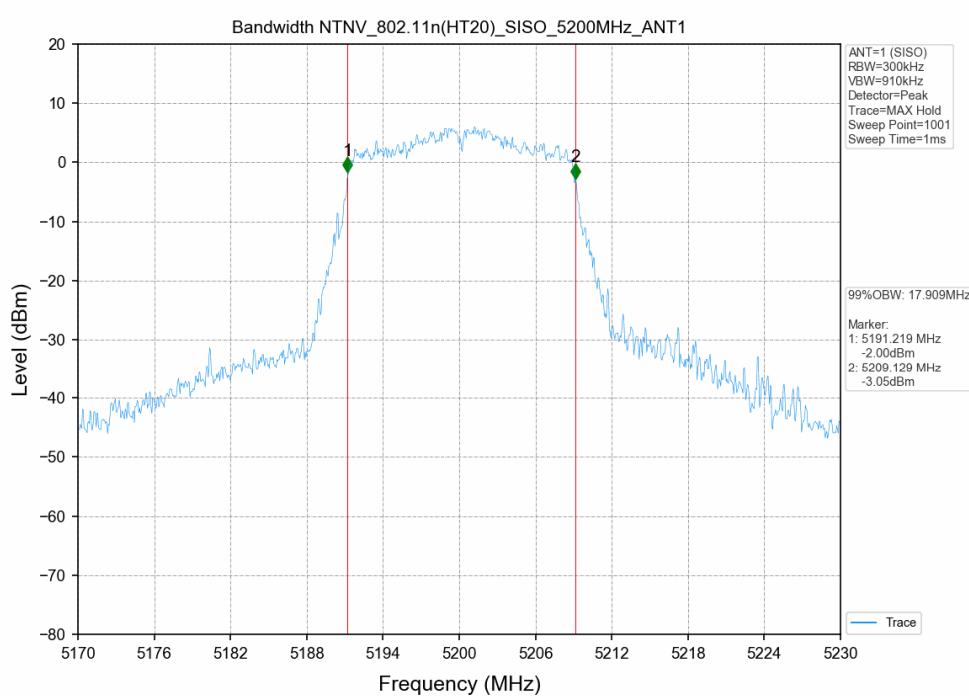
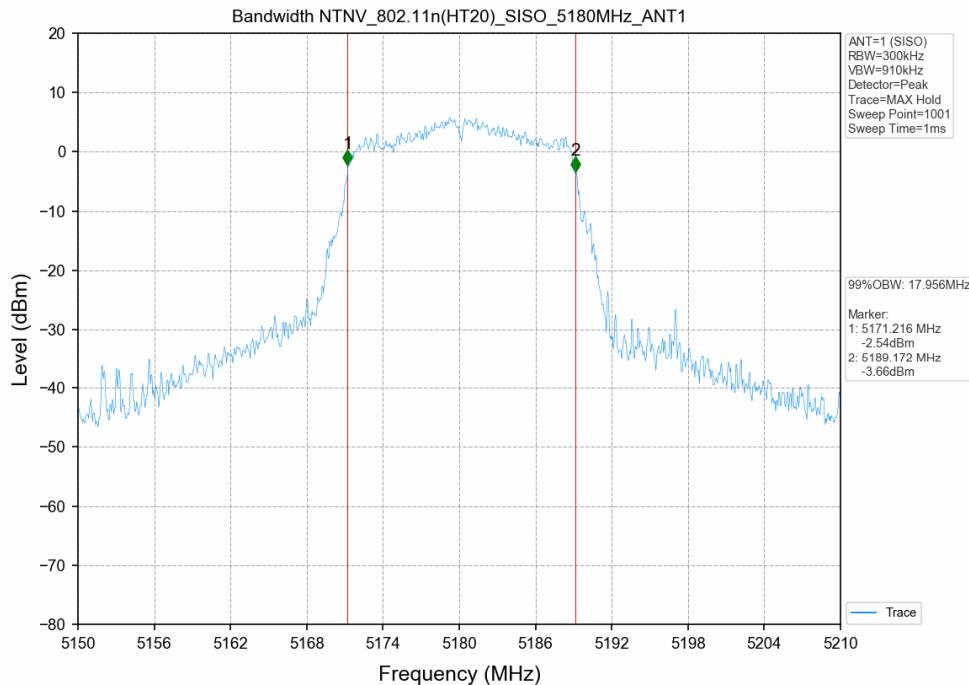
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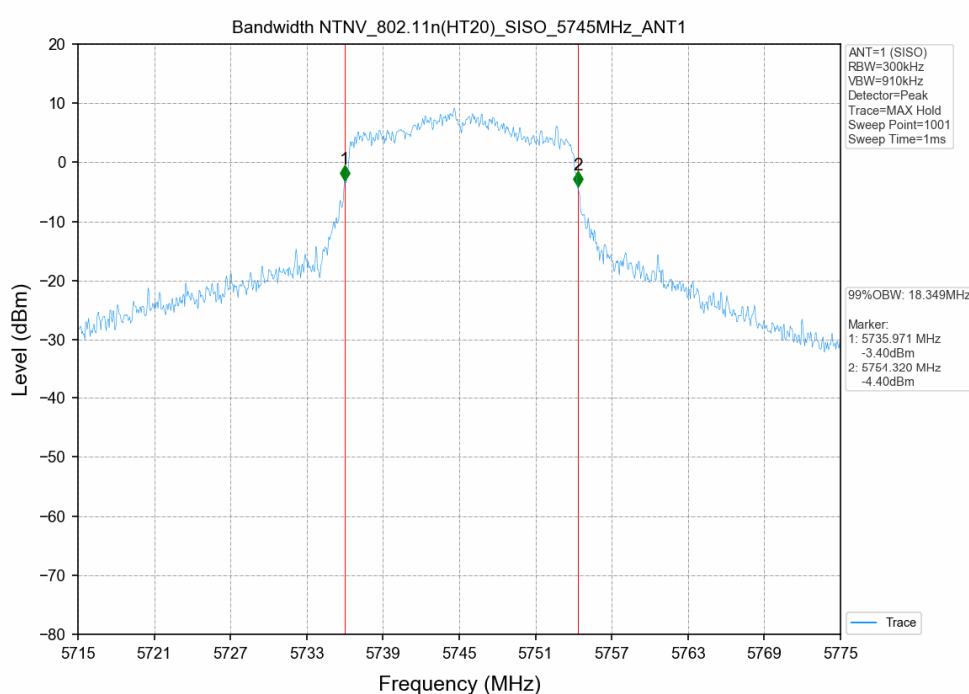
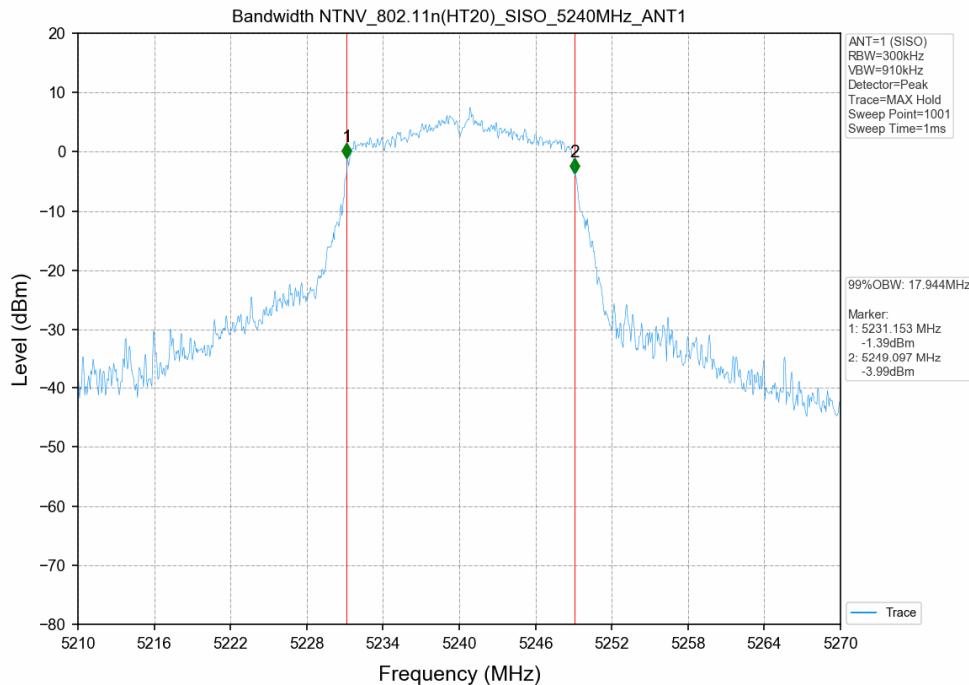
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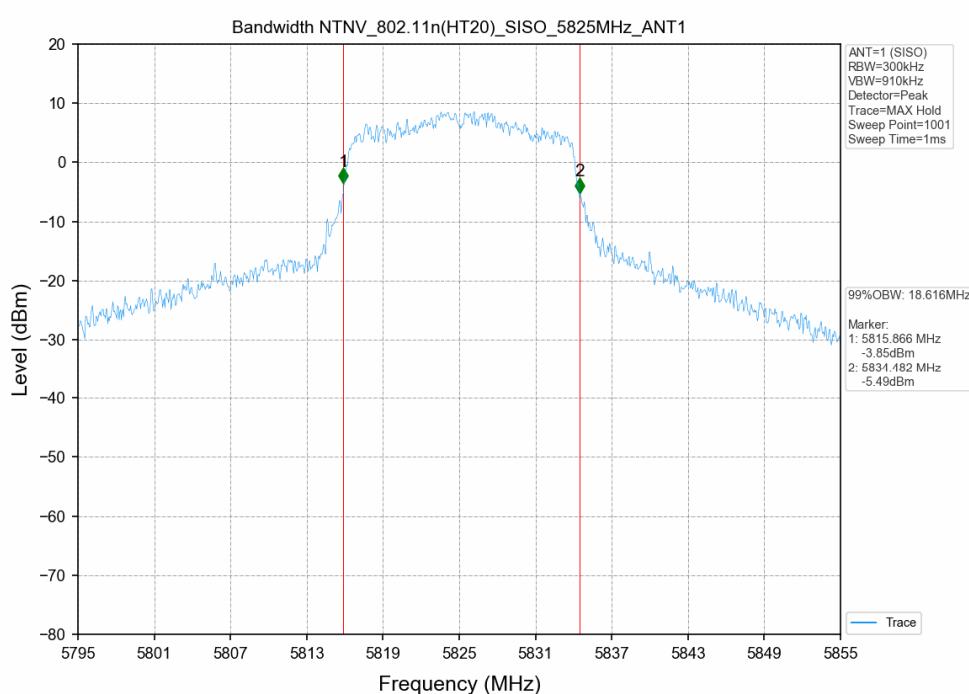
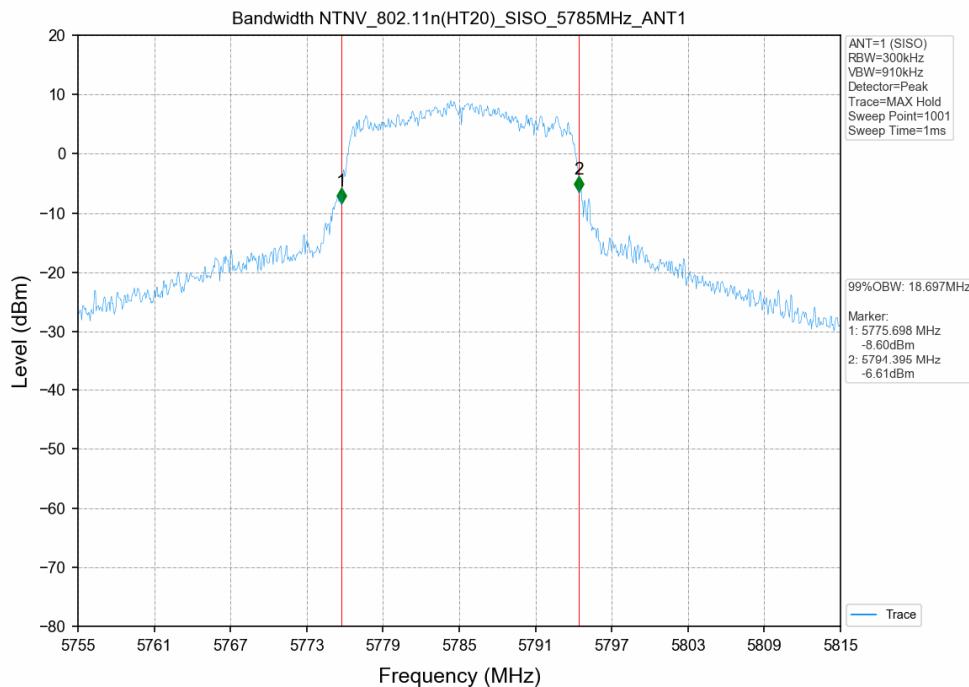
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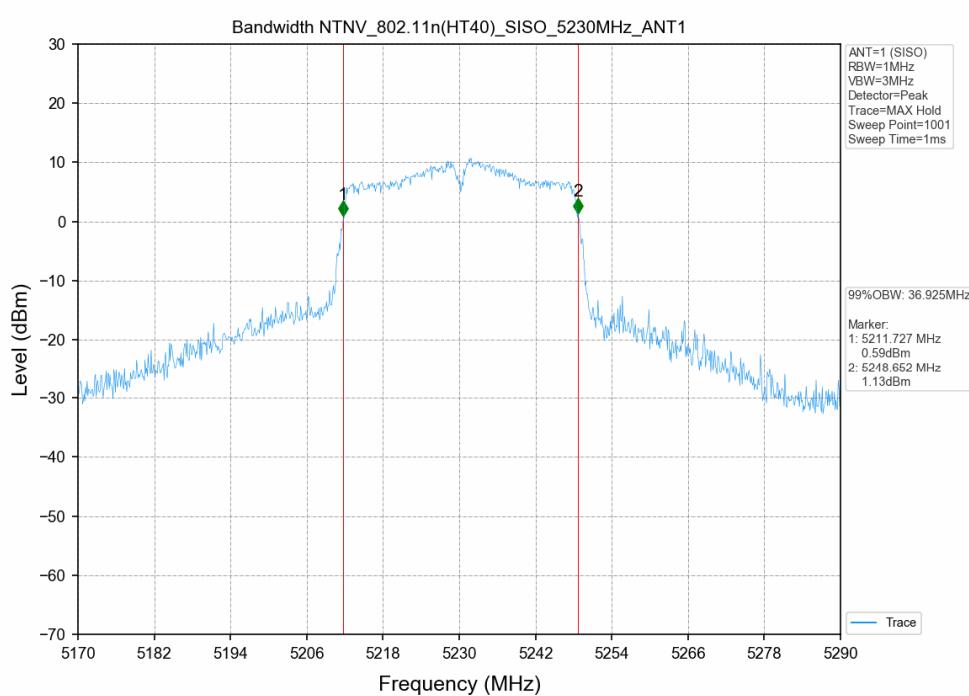
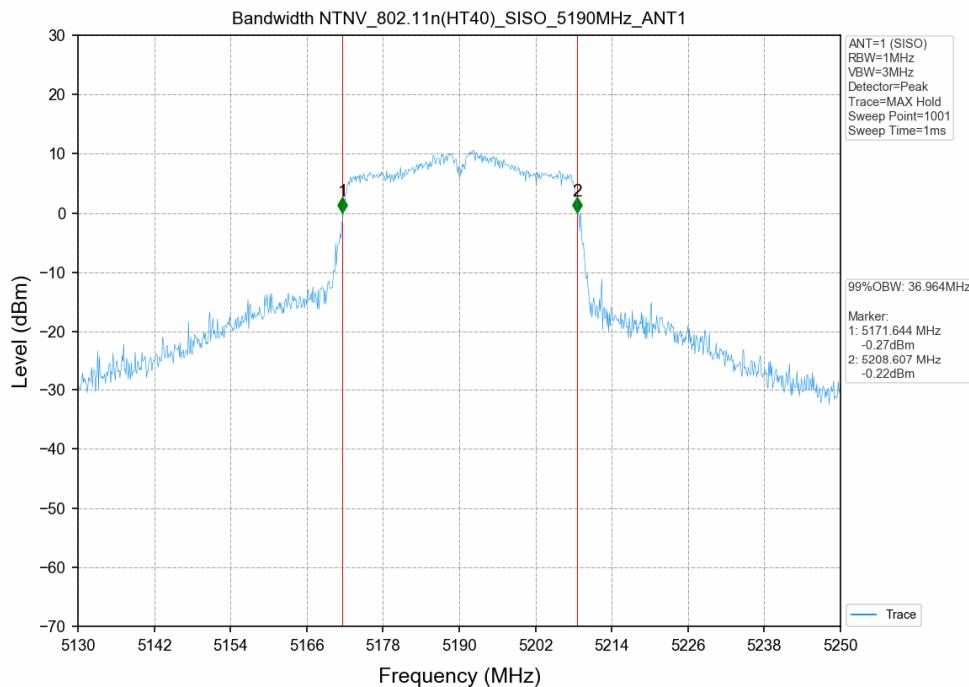
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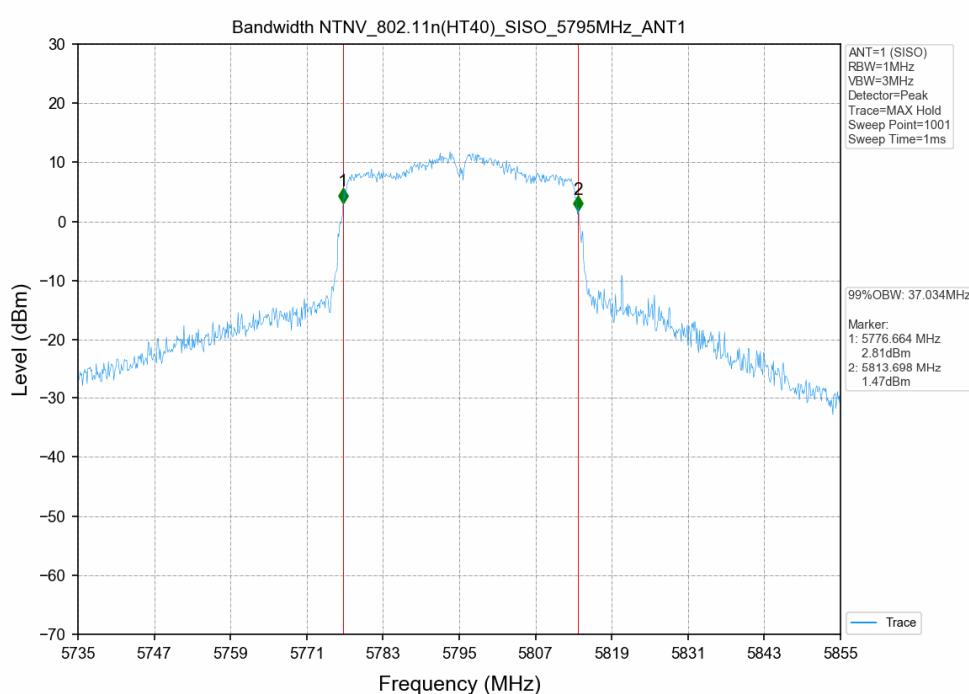
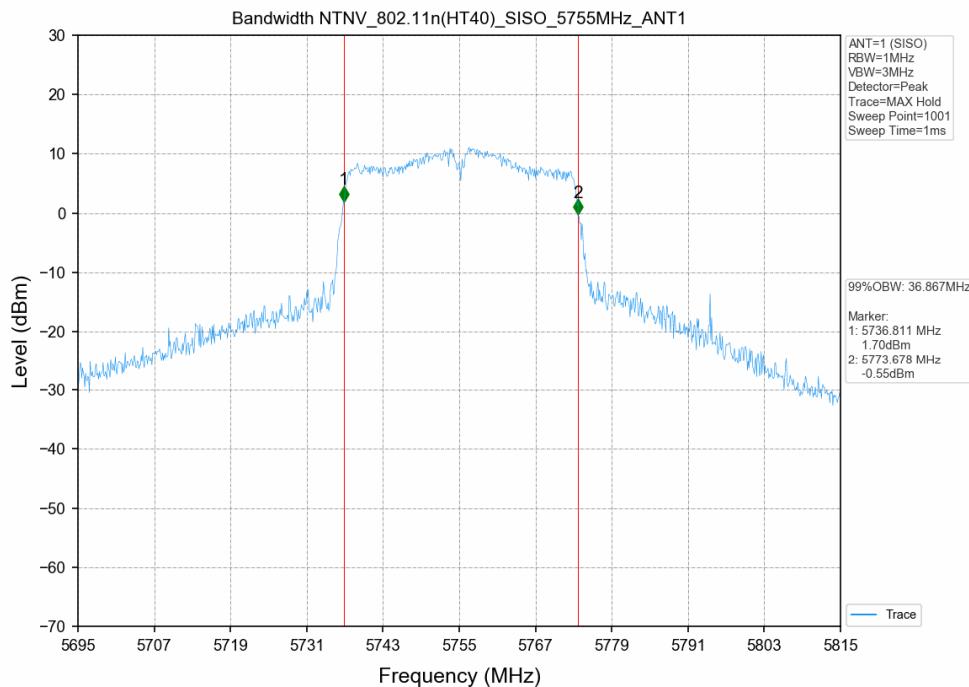


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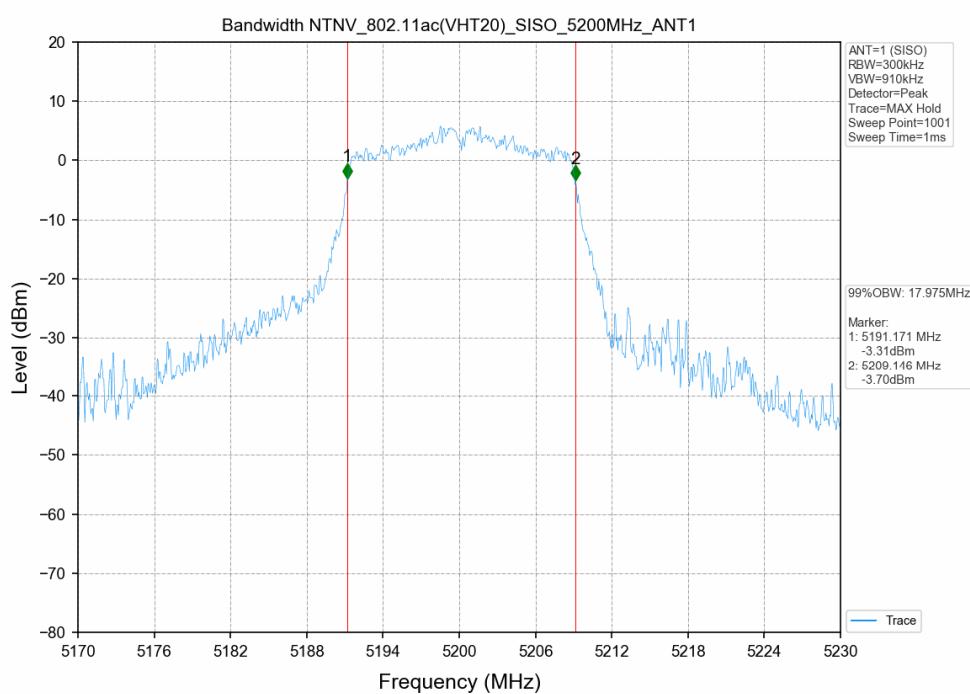
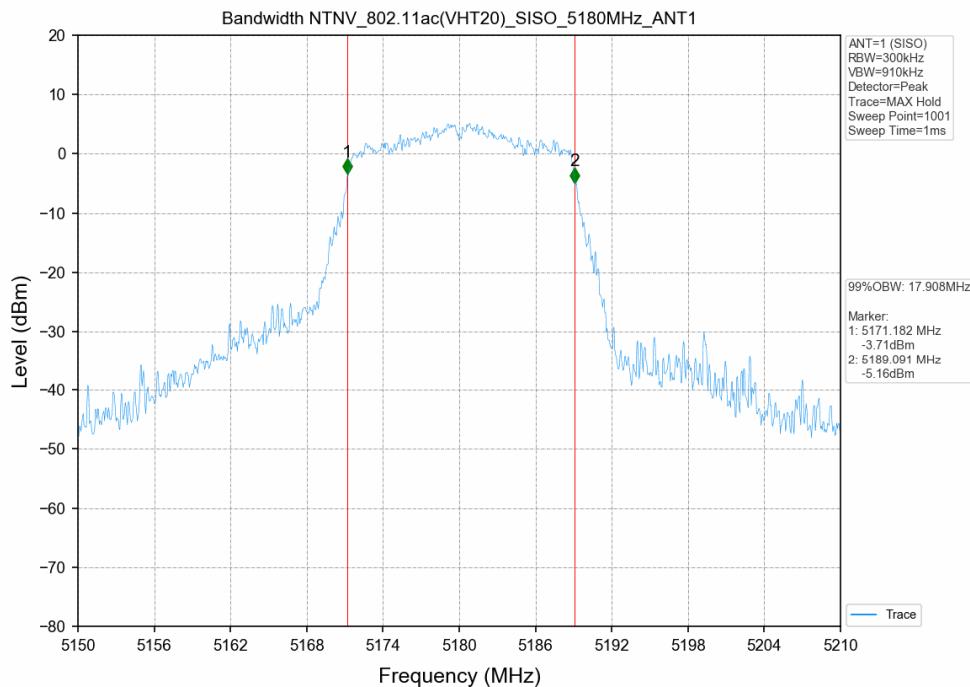


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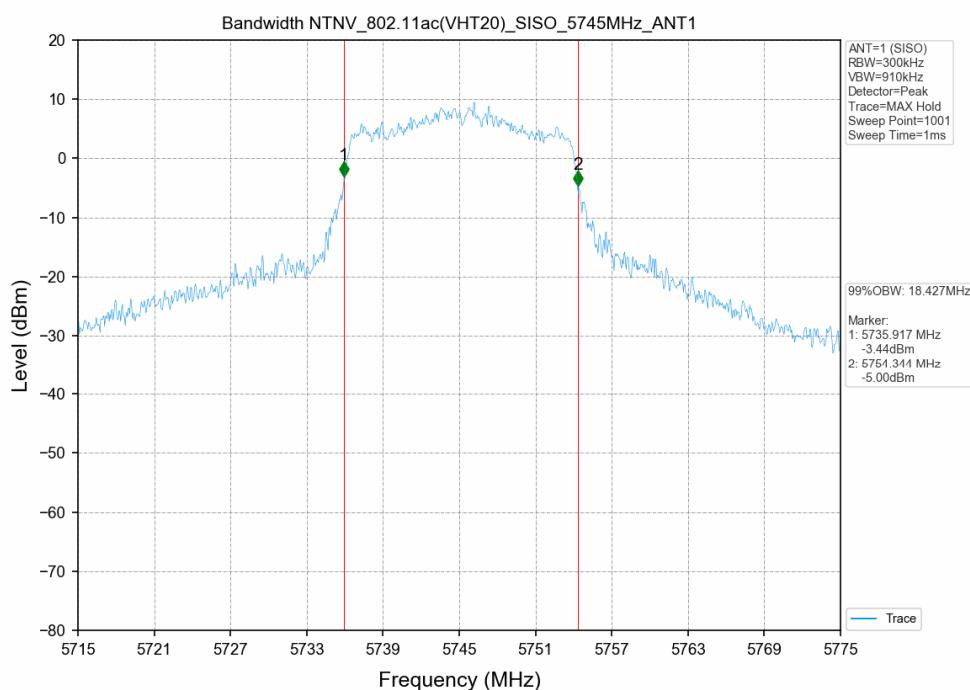
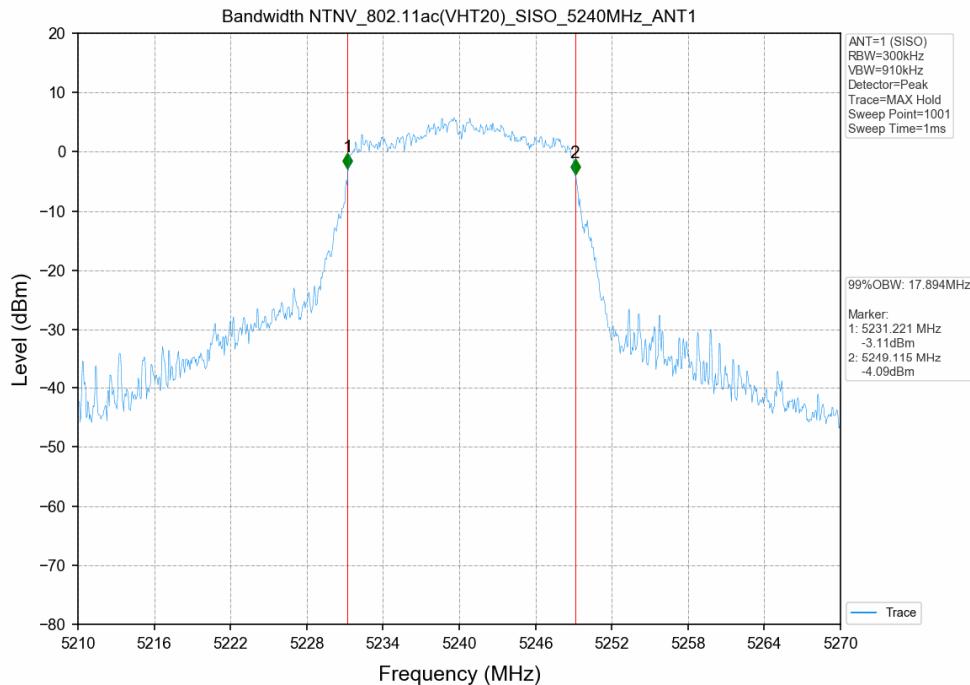
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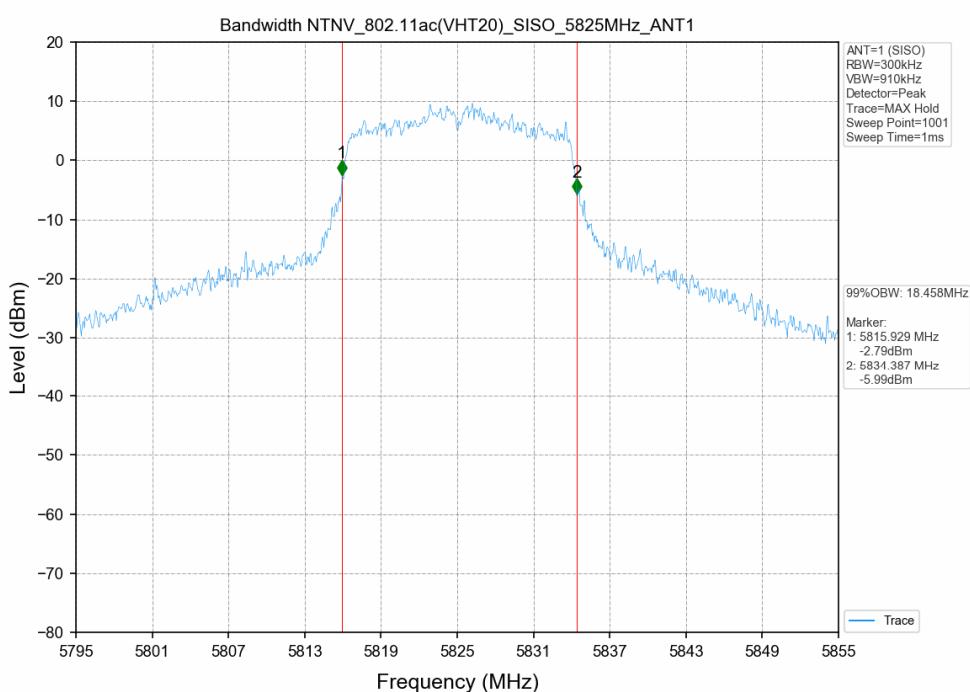
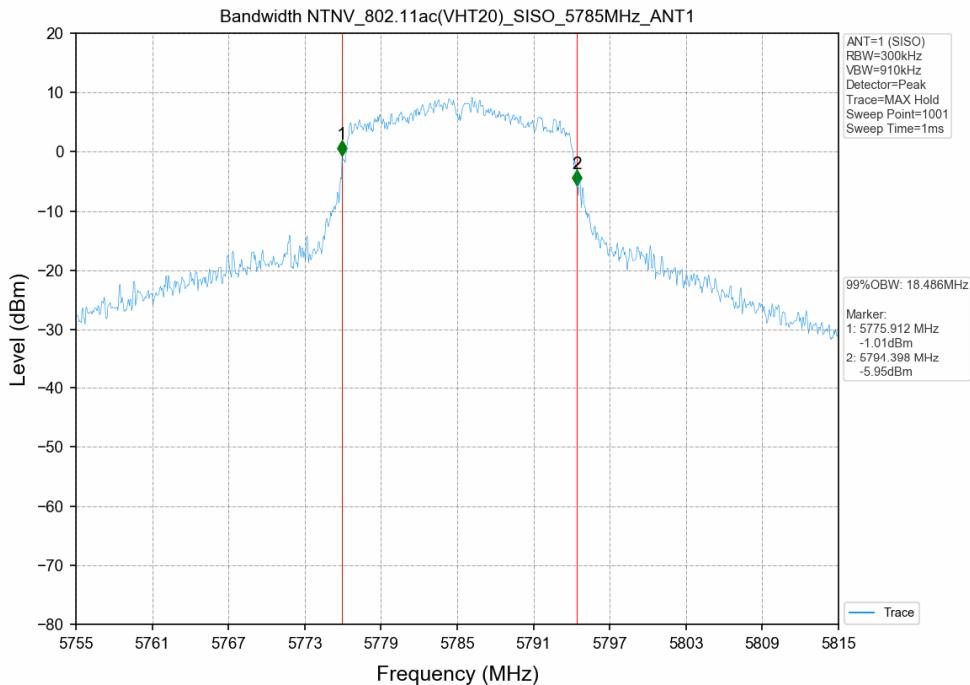
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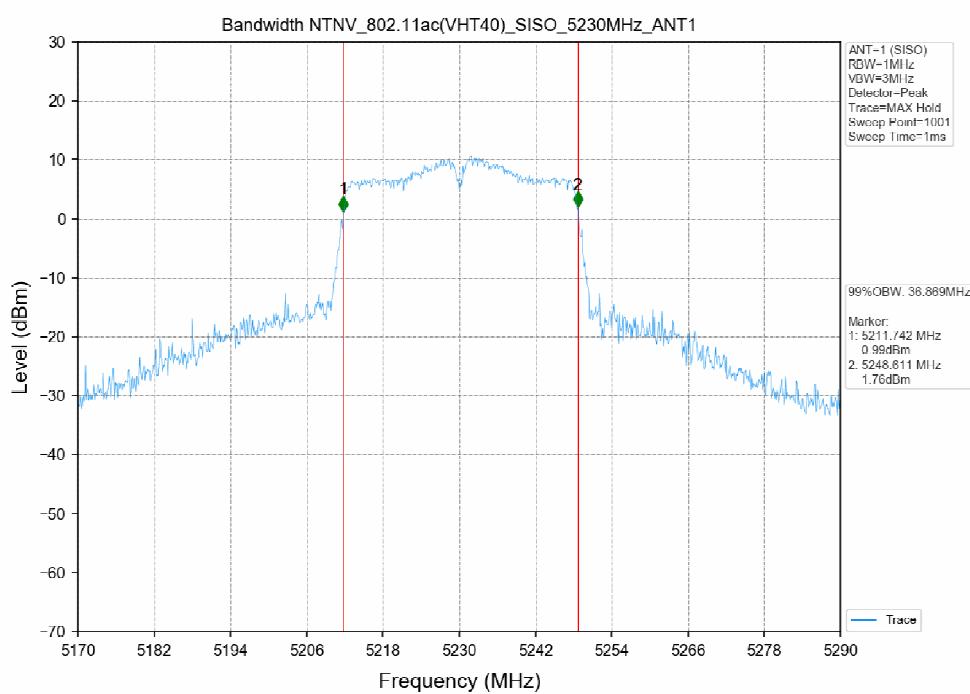
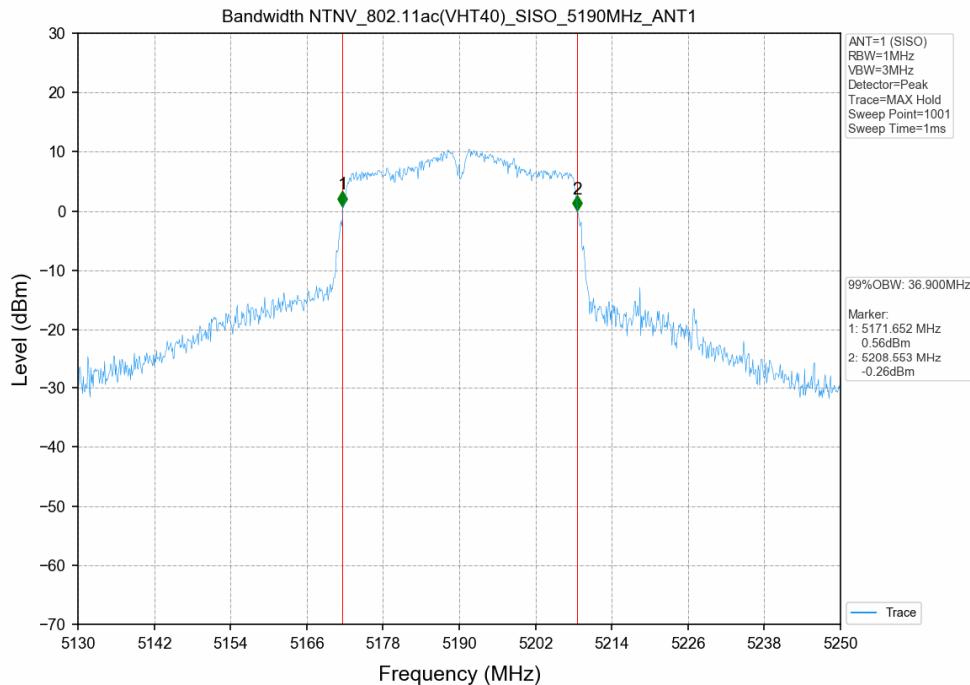
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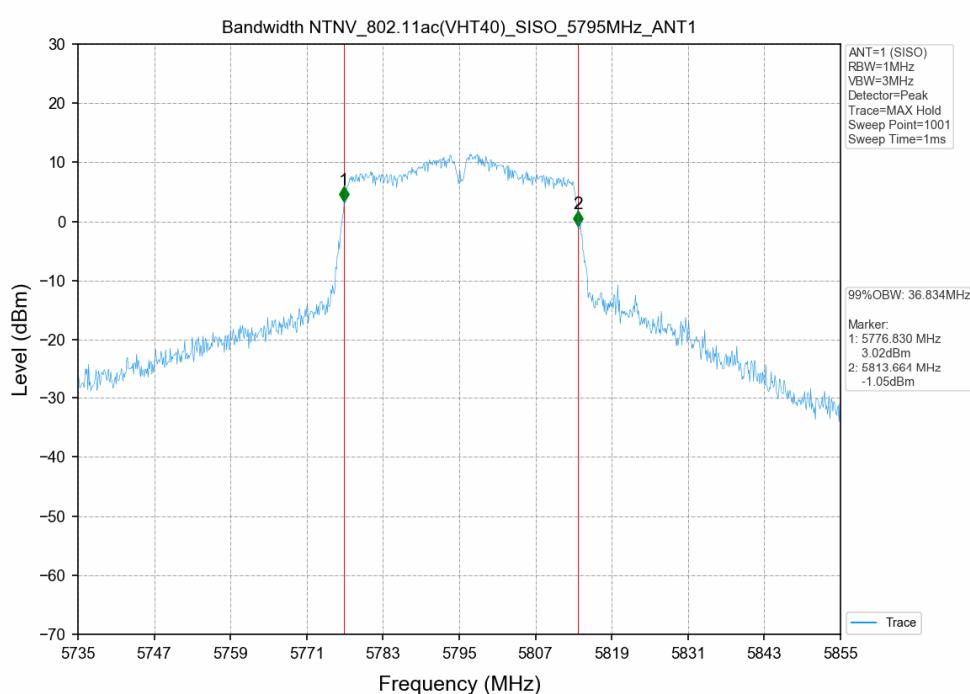
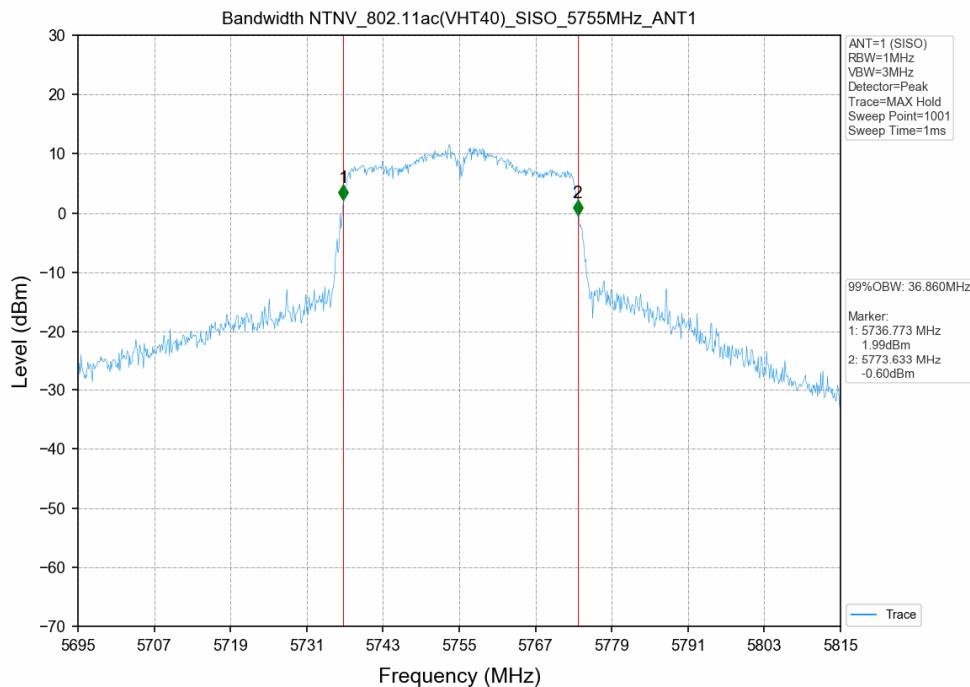
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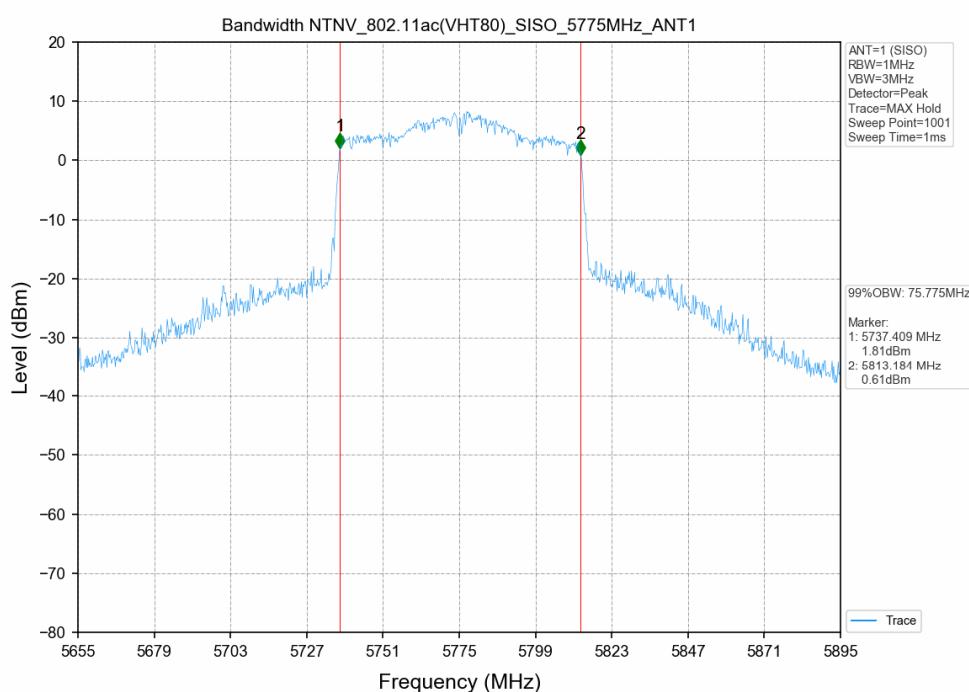
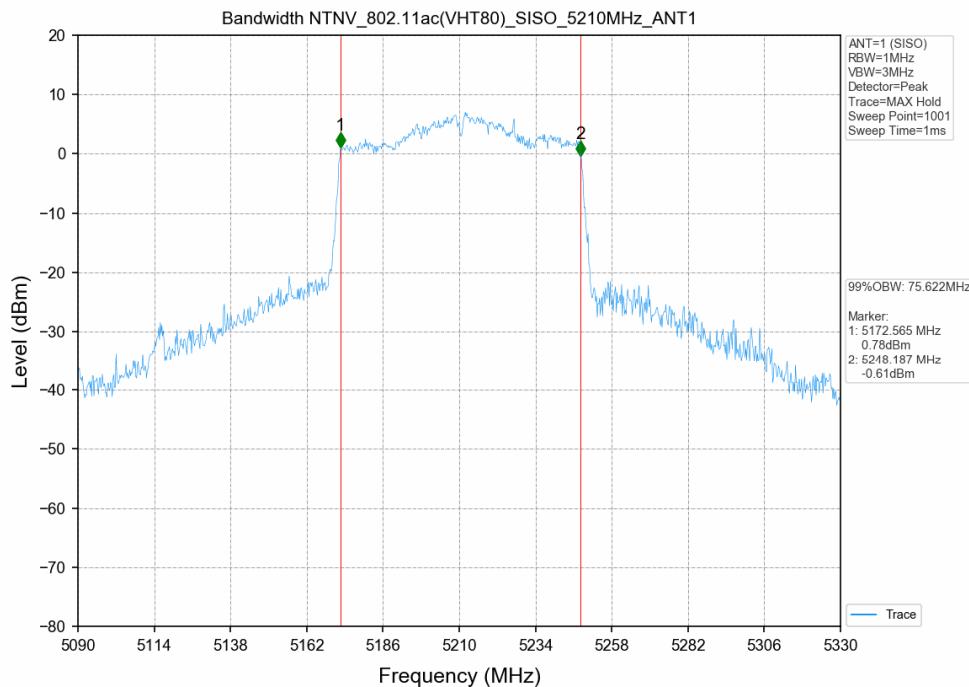
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## 3. Maximum Conducted Output Power

## 3.1 Test Result

Test Mode	Frequency (MHz)	Tx Type	Measured Output Power (dBm)		Limits (dBm)	Verdict
			Ant 1	Ant 2		
802.11a	5180	SISO	13.43	13.54	≤24	PASS
	5200	SISO	13.63	13.63	≤24	PASS
	5240	SISO	13.69	13.70	≤24	PASS
	5745	SISO	16.82	16.87	≤30	PASS
	5785	SISO	17.40	17.38	≤30	PASS
	5825	SISO	17.47	17.47	≤30	PASS
802.11n	5180	SISO	13.30	13.43	≤24	PASS
	5190	SISO	13.36	13.30	≤24	PASS
	5200	SISO	13.45	13.46	≤24	PASS
	5230	SISO	13.38	13.35	≤24	PASS
	5240	SISO	13.43	13.42	≤24	PASS
	5745	SISO	16.63	16.61	≤30	PASS
	5755	SISO	16.20	16.19	≤30	PASS
	5785	SISO	17.08	17.12	≤30	PASS
	5795	SISO	16.70	16.63	≤30	PASS
	5825	SISO	17.28	17.22	≤30	PASS
802.11ac	5180	SISO	13.21	13.26	≤24	PASS
	5190	SISO	13.43	13.37	≤24	PASS
	5200	SISO	13.55	13.52	≤24	PASS
	5210	SISO	14.42	14.44	≤24	PASS
	5230	SISO	13.40	13.34	≤24	PASS
	5240	SISO	13.44	13.47	≤24	PASS
	5745	SISO	16.71	16.70	≤30	PASS
	5755	SISO	16.13	16.12	≤30	PASS
	5775	SISO	15.88	15.85	≤30	PASS
	5785	SISO	17.09	17.09	≤30	PASS
	5795	SISO	16.53	16.60	≤30	PASS
	5825	SISO	17.33	17.32	≤30	PASS

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Test Mode	Frequency (MHz)	Tx Type	Maximum output power(dBm)	Limits (dBm)	Verdict
			Ant 1+Ant 2		
802.11n	5180	MIMO	16.38	≤24	PASS
	5190	MIMO	16.34	≤24	PASS
	5200	MIMO	16.47	≤24	PASS
	5230	MIMO	16.38	≤24	PASS
	5240	MIMO	16.44	≤24	PASS
	5745	MIMO	19.63	≤30	PASS
	5755	MIMO	19.21	≤30	PASS
	5785	MIMO	20.11	≤30	PASS
	5795	MIMO	19.68	≤30	PASS
	5825	MIMO	20.26	≤30	PASS
802.11ac	5180	MIMO	16.25	≤24	PASS
	5190	MIMO	16.41	≤24	PASS
	5200	MIMO	16.55	≤24	PASS
	5210	MIMO	17.44	≤24	PASS
	5230	MIMO	16.38	≤24	PASS
	5240	MIMO	16.47	≤24	PASS
	5745	MIMO	19.72	≤30	PASS
	5755	MIMO	19.14	≤30	PASS
	5775	MIMO	18.88	≤30	PASS
	5785	MIMO	20.10	≤30	PASS
	5795	MIMO	19.58	≤30	PASS
	5825	MIMO	20.34	≤30	PASS

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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		
802.11a	5180	SISO	4.03	4.15	≤11	PASS
	5200	SISO	4.22	4.21	≤11	PASS
	5240	SISO	4.37	4.32	≤11	PASS
802.11n(HT20)	5180	SISO	3.81	3.66	≤11	PASS
	5200	SISO	4.05	3.65	≤11	PASS
	5240	SISO	3.74	3.60	≤11	PASS
802.11n(HT40)	5190	SISO	3.09	2.83	≤11	PASS
	5230	SISO	3.35	2.59	≤11	PASS
802.11ac(VHT20)	5180	SISO	3.80	3.40	≤11	PASS
	5200	SISO	3.96	3.80	≤11	PASS
	5240	SISO	3.54	3.84	≤11	PASS
802.11ac(VHT40)	5190	SISO	2.91	2.66	≤11	PASS
	5230	SISO	2.46	2.52	≤11	PASS
802.11ac(VHT80)	5210	SISO	-0.97	-1.08	≤11	PASS

Test Mode	Frequency (MHz)	Tx Type	Maximum Power Spectral Density (dBm/500kHz)		Limits (dBm/500kHz)	Verdict
			Ant 1	Ant 2		
802.11a	5745	SISO	4.91	4.64	≤30	PASS
	5785	SISO	5.44	5.46	≤30	PASS
	5825	SISO	5.63	5.78	≤30	PASS
802.11n(HT20)	5745	SISO	4.66	5.24	≤30	PASS
	5785	SISO	5.10	4.99	≤30	PASS
	5825	SISO	5.06	5.22	≤30	PASS
802.11n(HT40)	5755	SISO	0.93	1.04	≤30	PASS
	5795	SISO	1.34	1.38	≤30	PASS
802.11ac(VHT20)	5745	SISO	4.99	4.84	≤30	PASS
	5785	SISO	4.96	5.22	≤30	PASS
	5825	SISO	5.28	5.30	≤30	PASS
802.11ac(VHT40)	5755	SISO	1.33	0.68	≤30	PASS
	5795	SISO	1.05	1.02	≤30	PASS
802.11ac(VHT80)	5775	SISO	-2.55	-2.42	≤30	PASS

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Test Mode	Frequency (MHz)	Tx Type	Maximum Power Spectral Density (dBm/MHz)	Limits (dBm/MHz)	Verdict
			Ant 1+Ant 2		
802.11n(HT20)	5180	MIMO	6.75	≤11	PASS
	5200	MIMO	6.86	≤11	PASS
	5240	MIMO	6.68	≤11	PASS
802.11n(HT40)	5190	MIMO	5.97	≤11	PASS
	5230	MIMO	6.00	≤11	PASS
802.11ac(VHT20)	5180	MIMO	6.61	≤11	PASS
	5200	MIMO	6.89	≤11	PASS
	5240	MIMO	6.70	≤11	PASS
802.11ac(VHT40)	5190	MIMO	5.80	≤11	PASS
	5230	MIMO	5.50	≤11	PASS
802.11ac(VHT80)	5210	MIMO	1.99	≤11	PASS

Test Mode	Frequency (MHz)	Tx Type	Maximum Power Spectral Density (dBm/MHz)	Limits (dBm/500kHz)	Verdict
			Ant 1+Ant 2		
802.11n(HT20)	5745	MIMO	7.97	≤30	PASS
	5785	MIMO	8.06	≤30	PASS
	5825	MIMO	8.15	≤30	PASS
802.11n(HT40)	5755	MIMO	4.00	≤30	PASS
	5795	MIMO	4.37	≤30	PASS
802.11ac(VHT20)	5745	MIMO	7.93	≤30	PASS
	5785	MIMO	8.10	≤30	PASS
	5825	MIMO	8.30	≤30	PASS
802.11ac(VHT40)	5755	MIMO	4.03	≤30	PASS
	5795	MIMO	4.05	≤30	PASS
802.11ac(VHT80)	5775	MIMO	0.53	≤30	PASS

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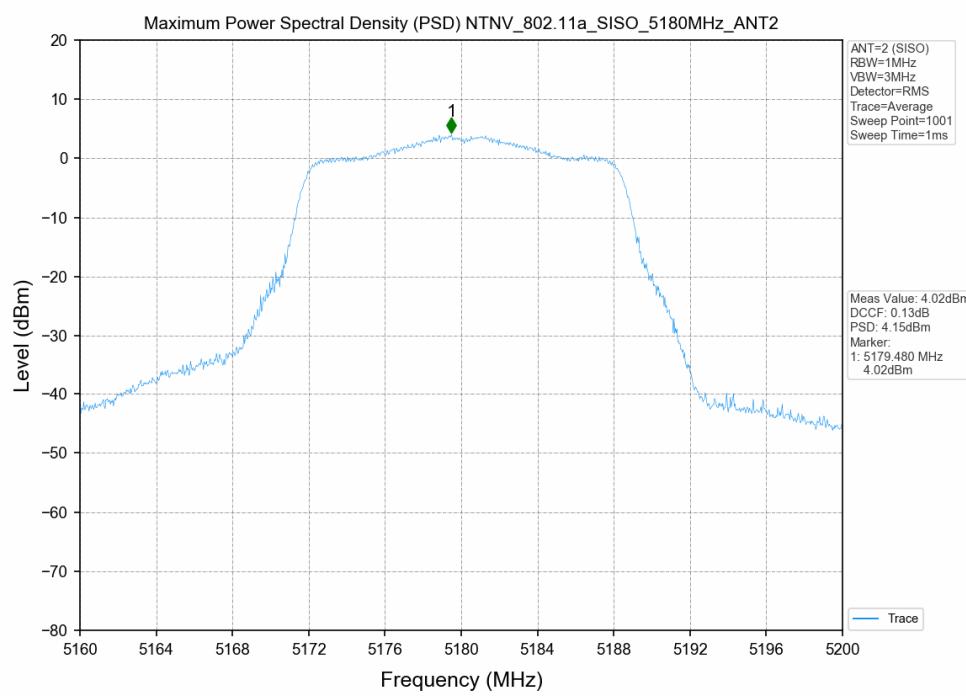
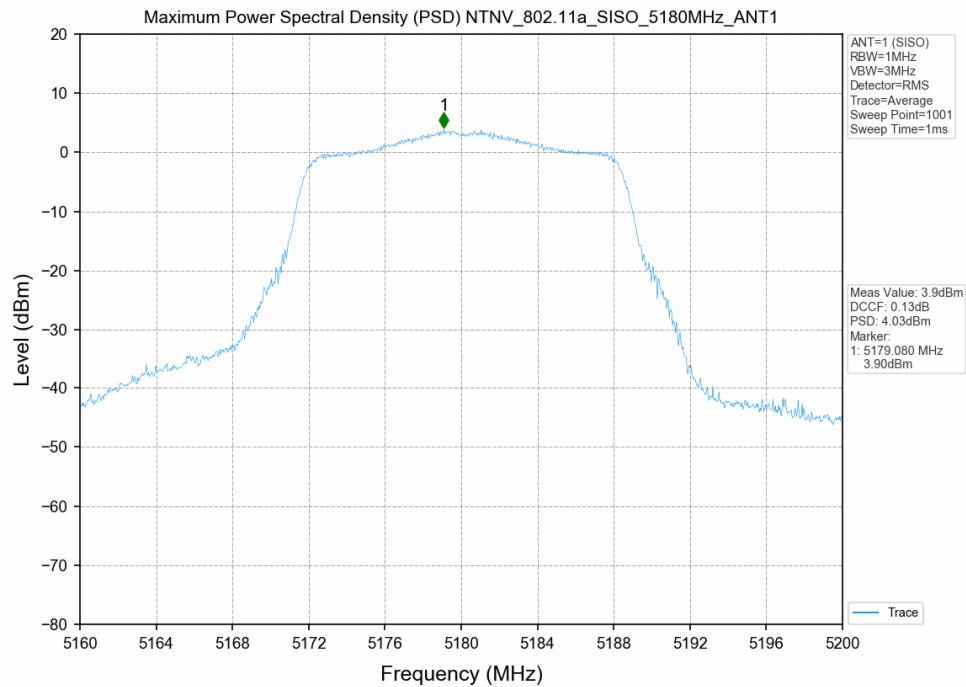
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## 4.2 Test Graph

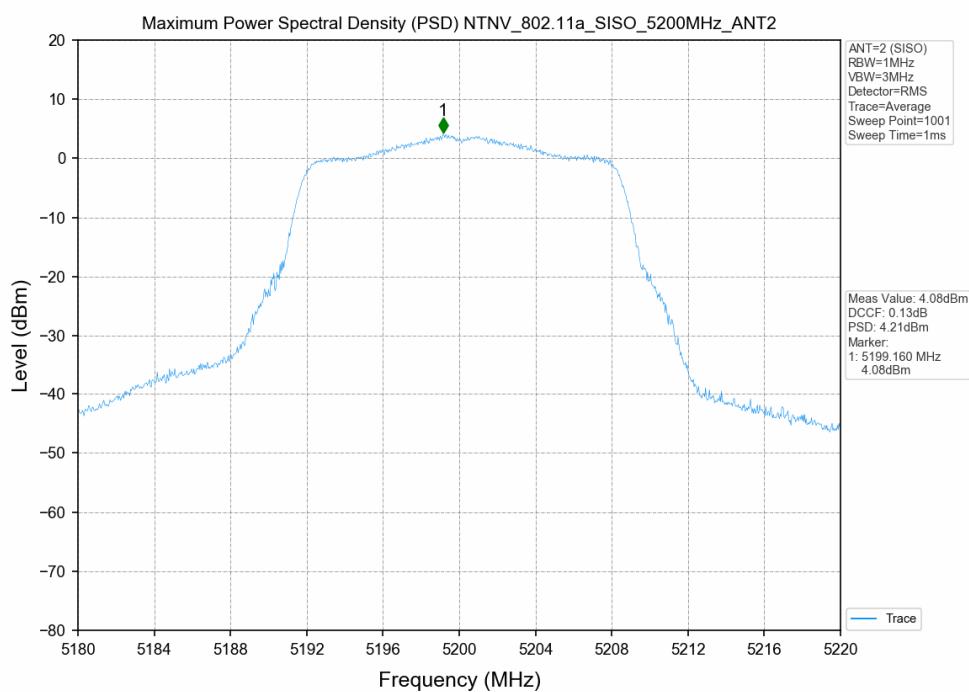
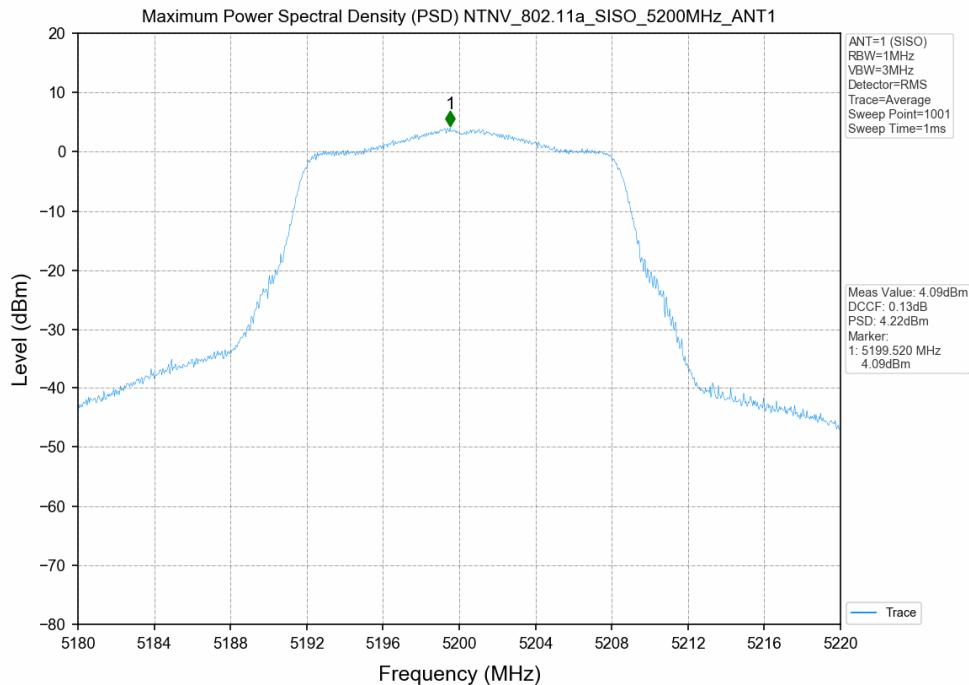


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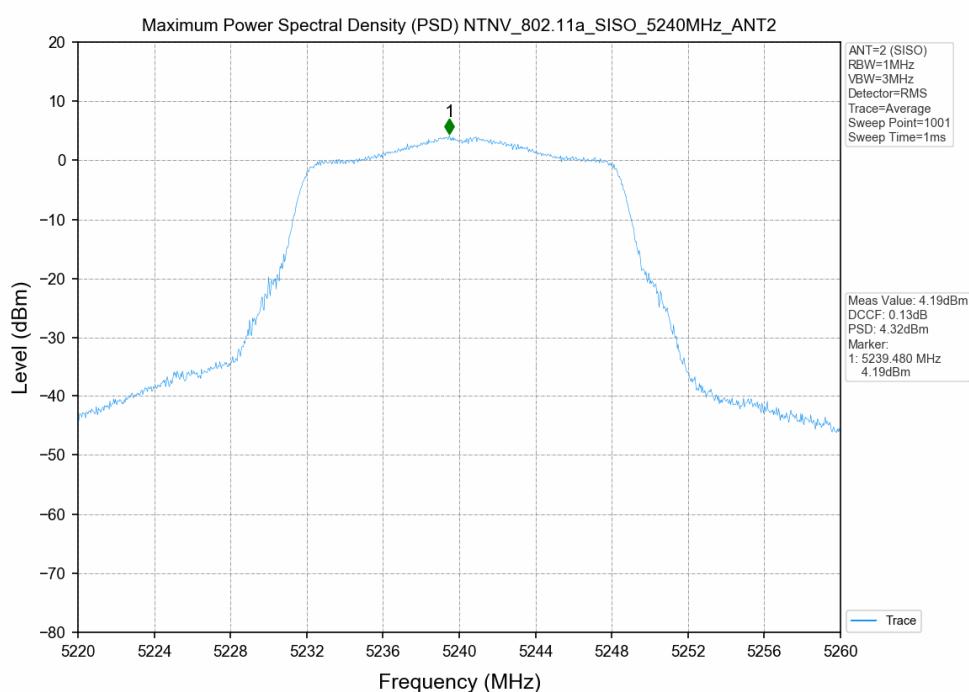
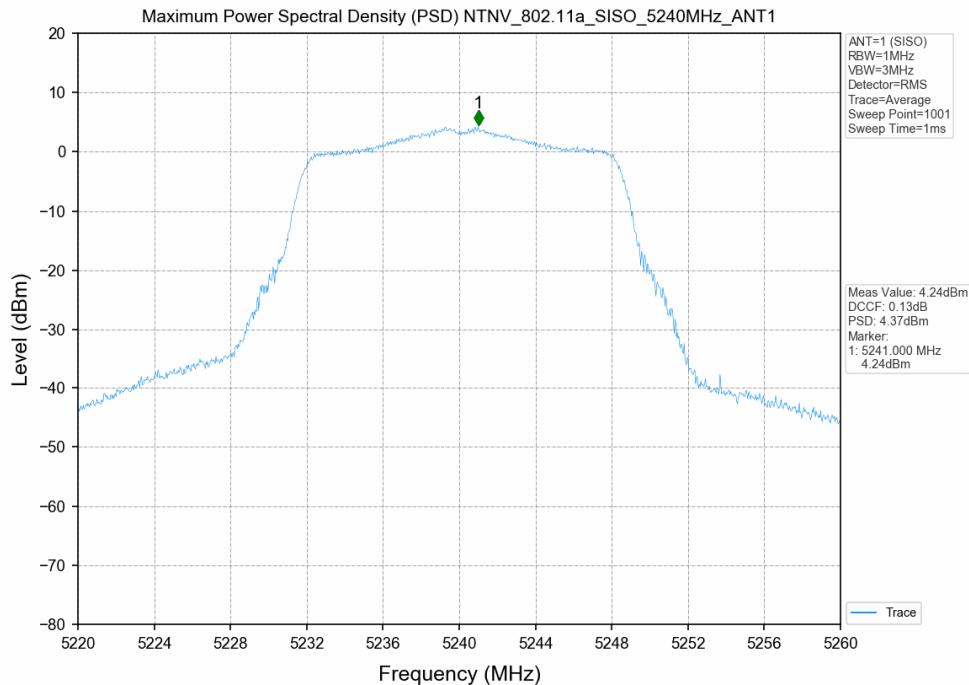
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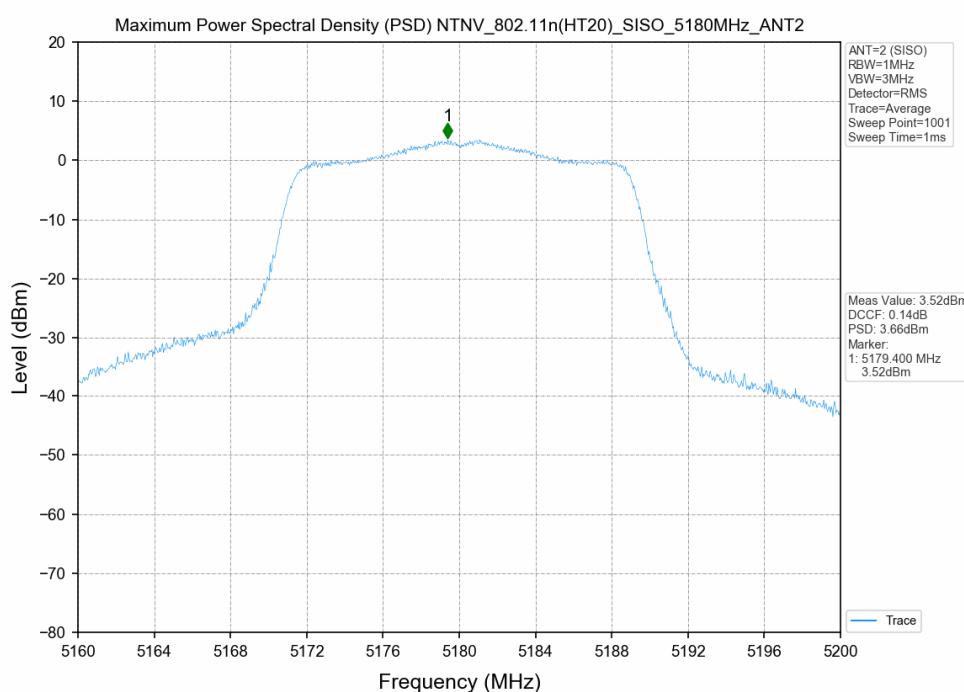
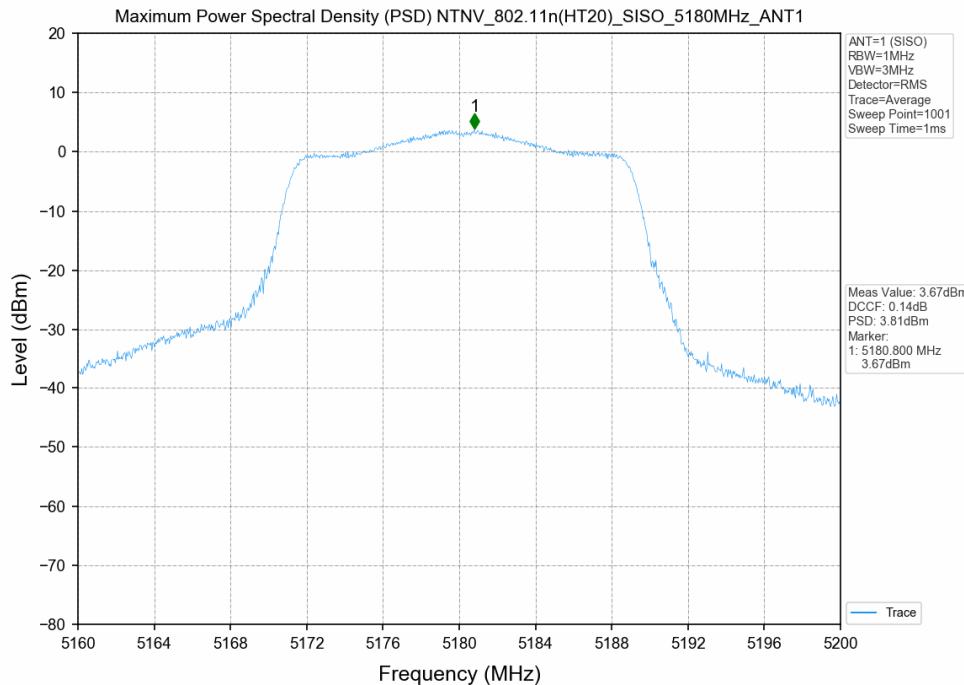
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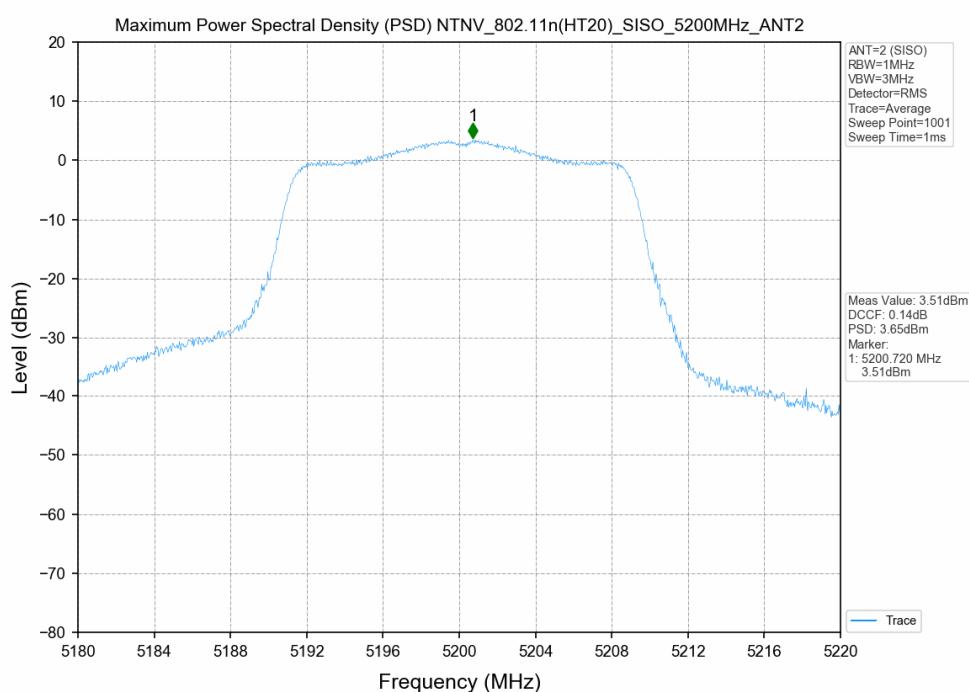
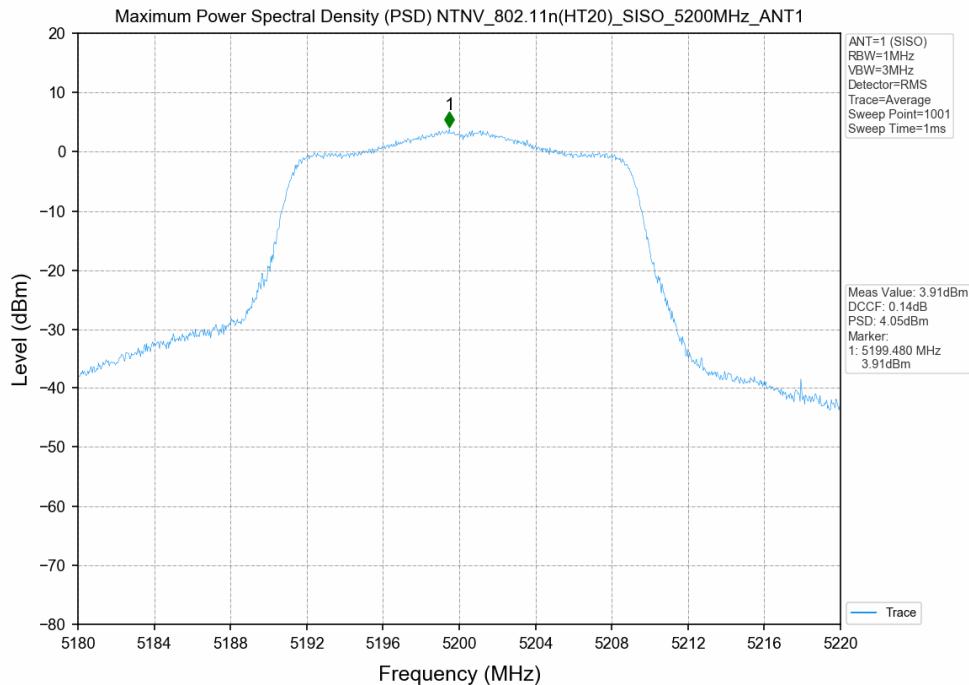
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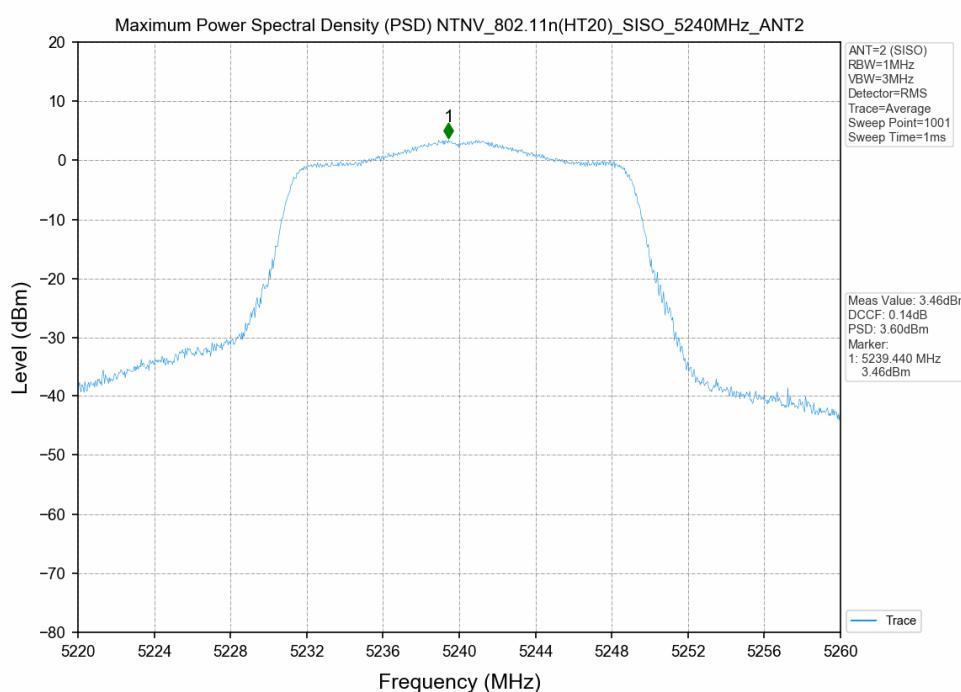
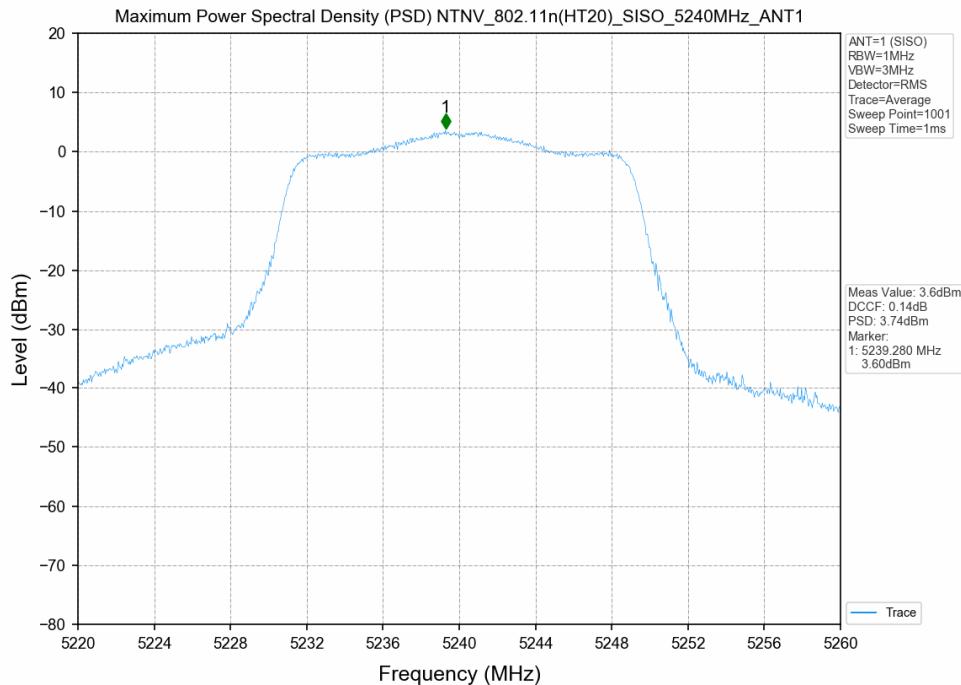
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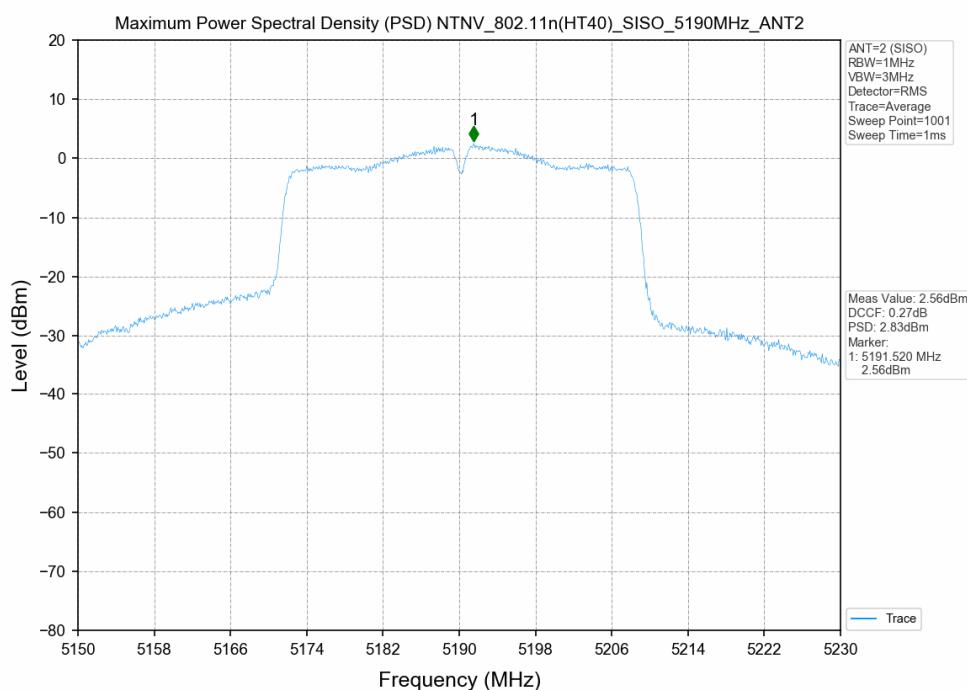
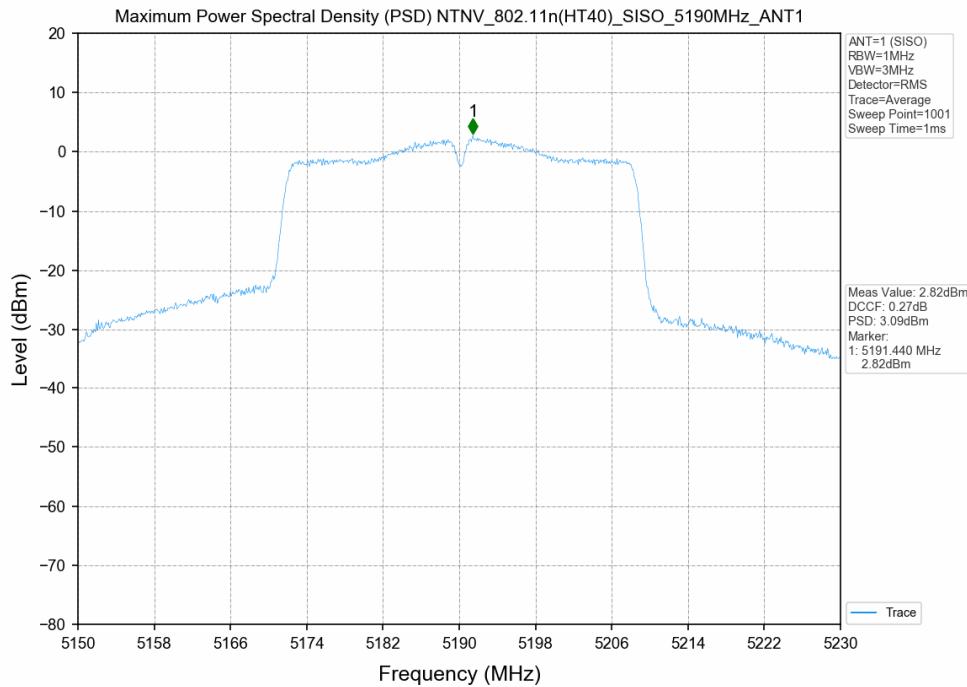
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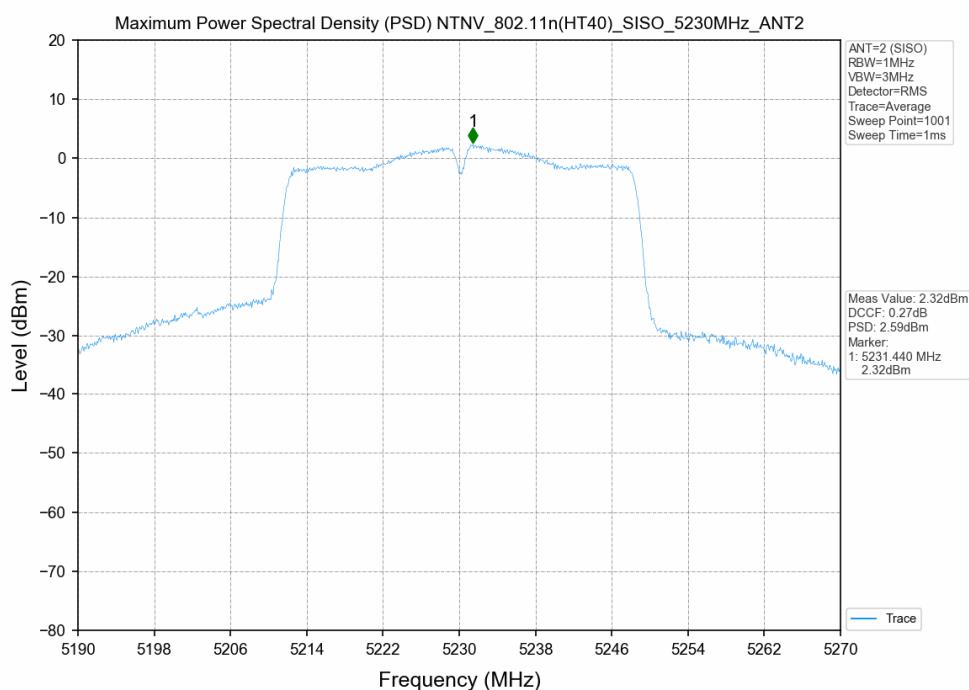
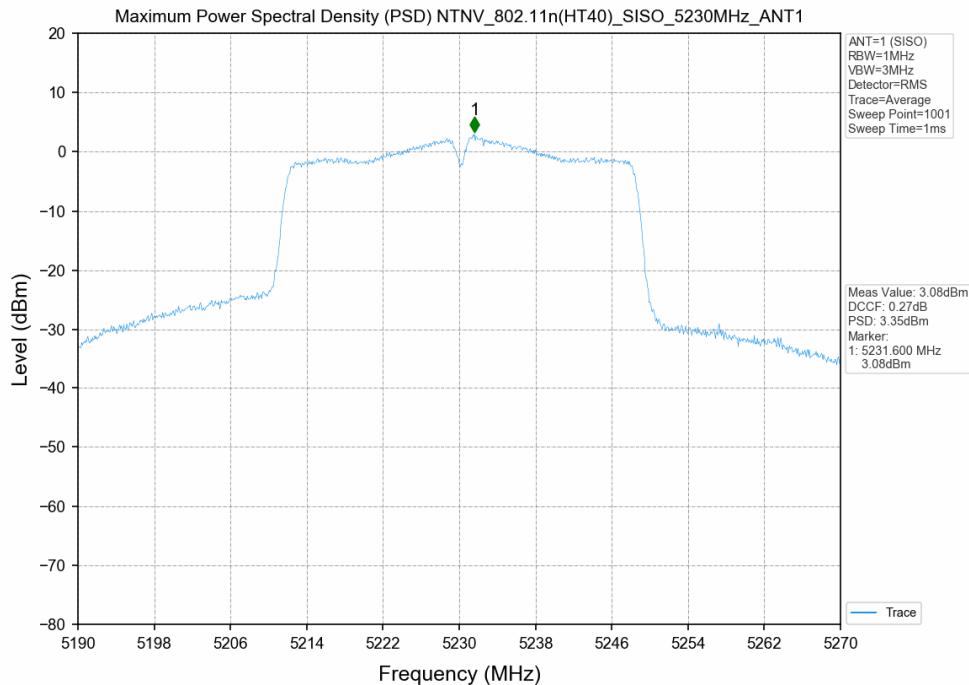
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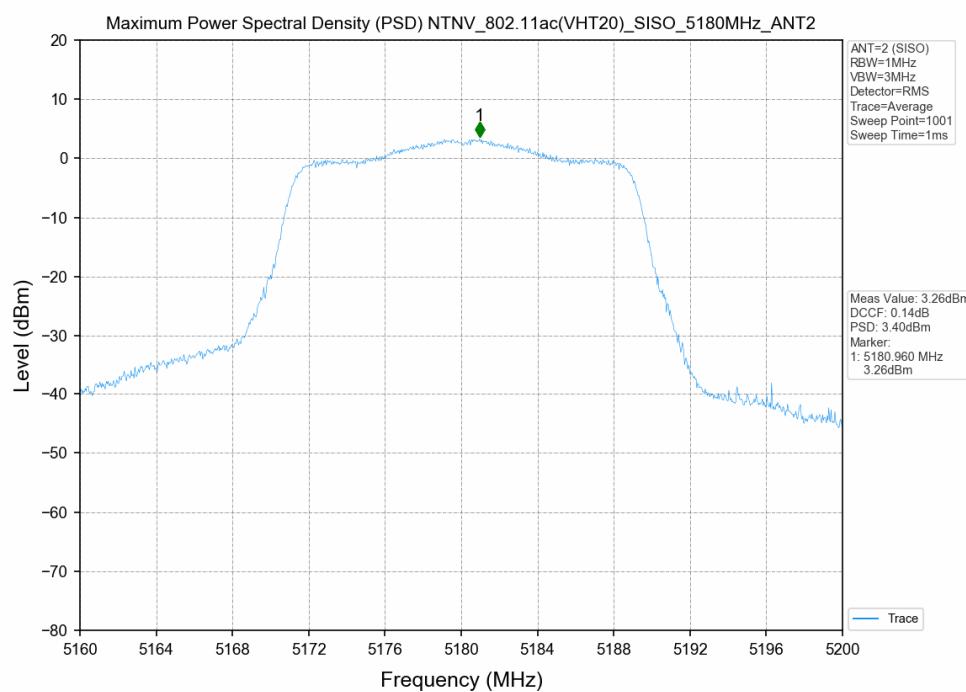
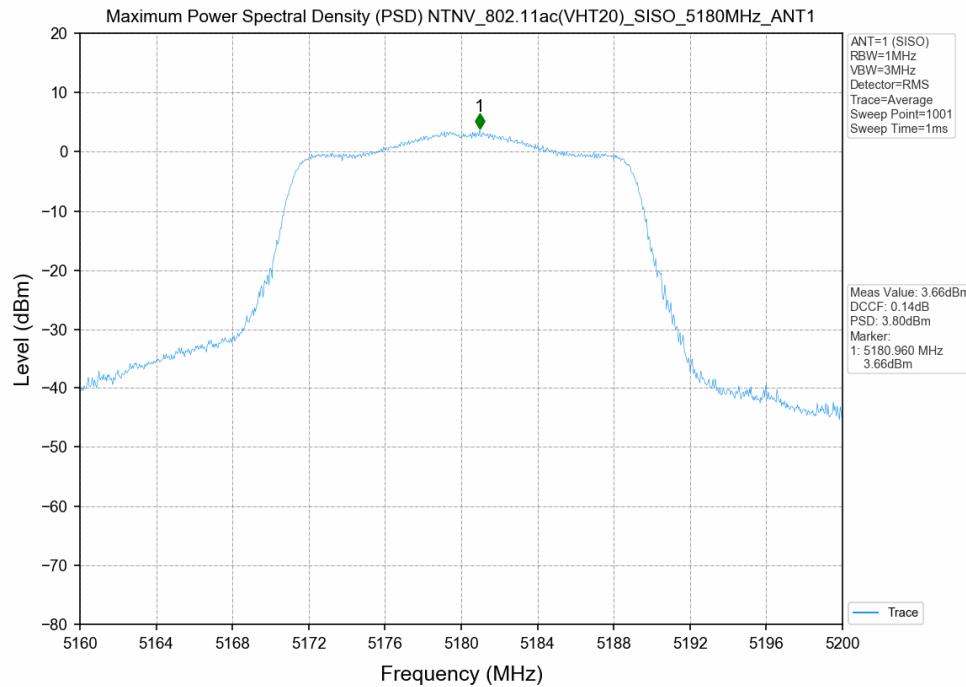


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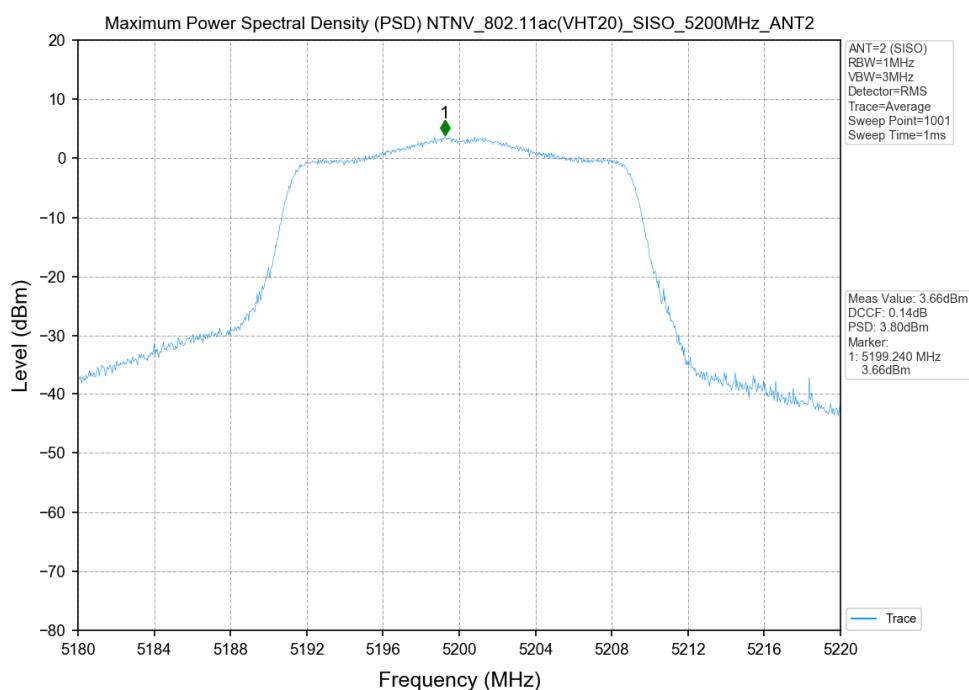
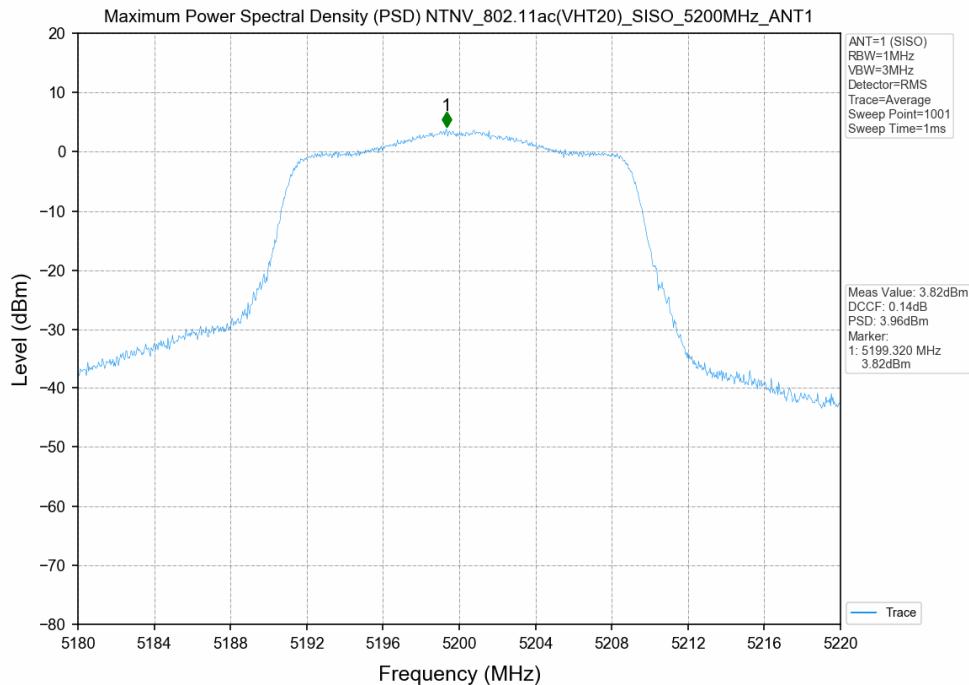


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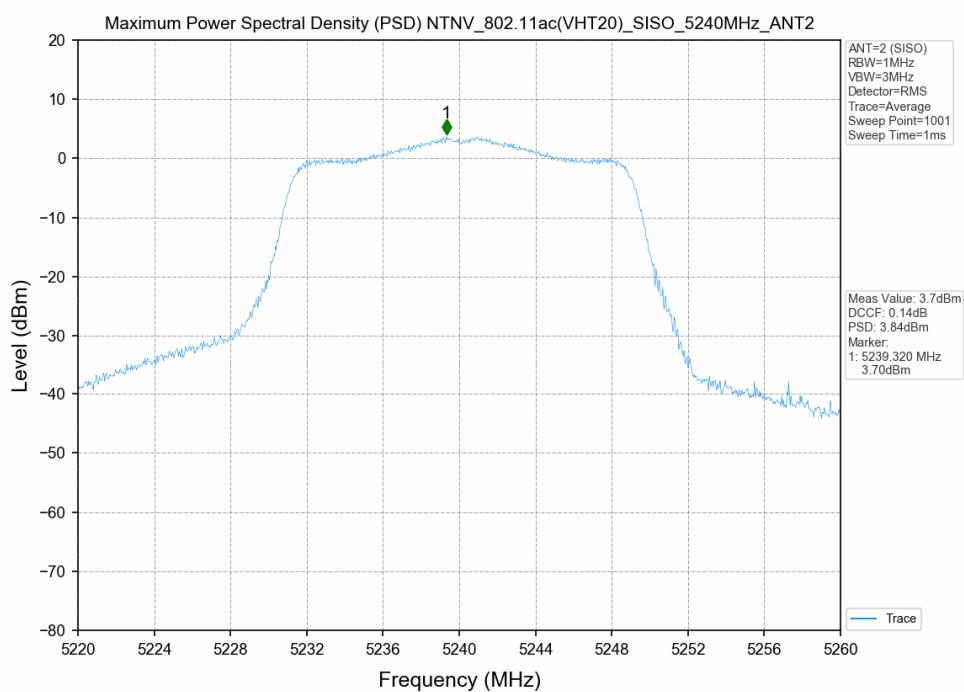
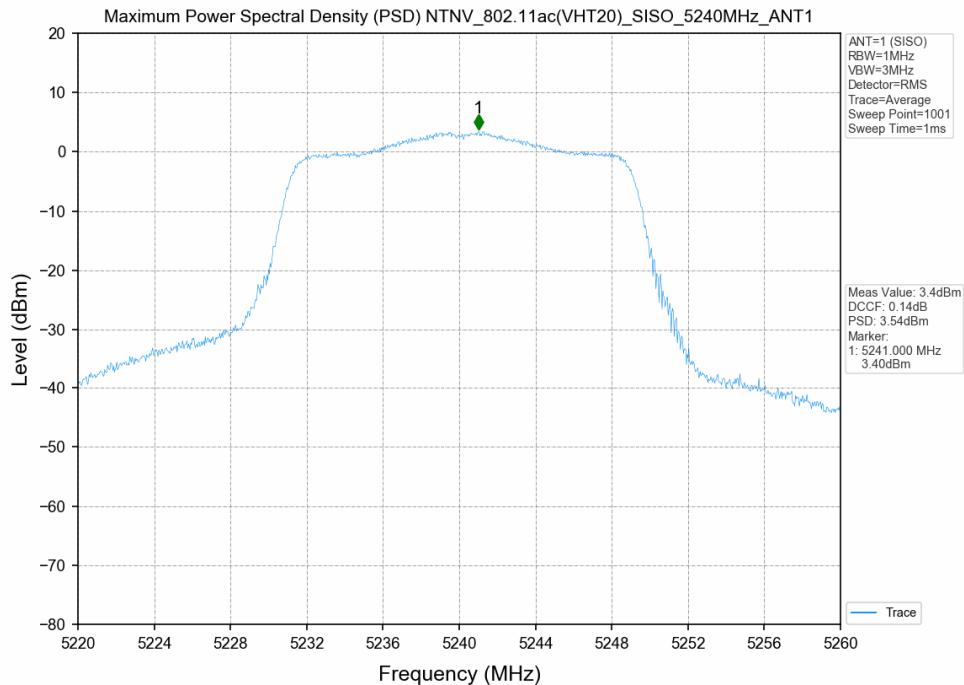
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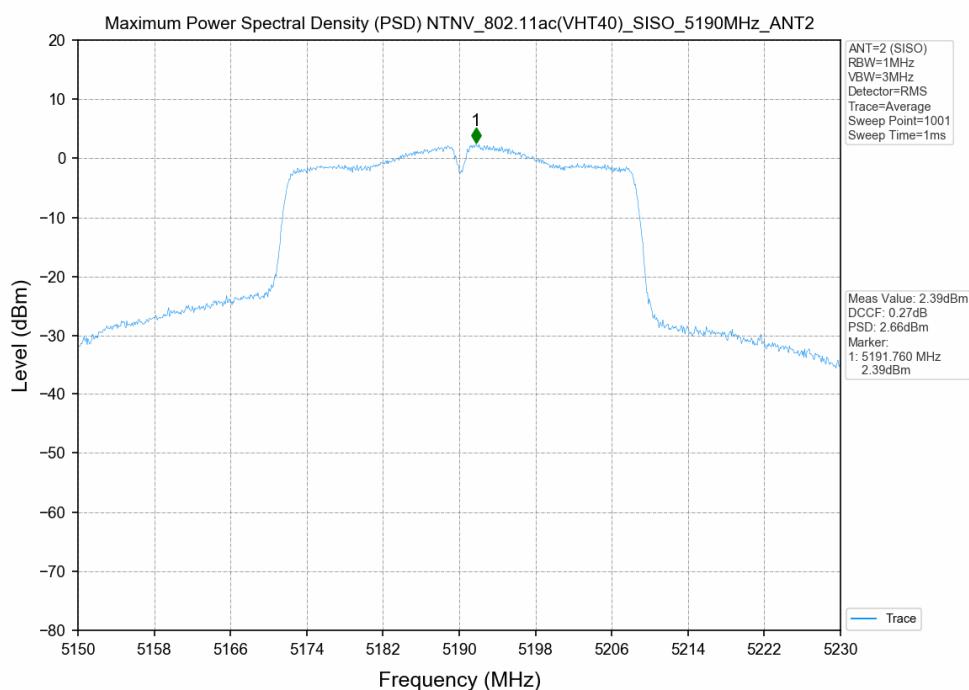
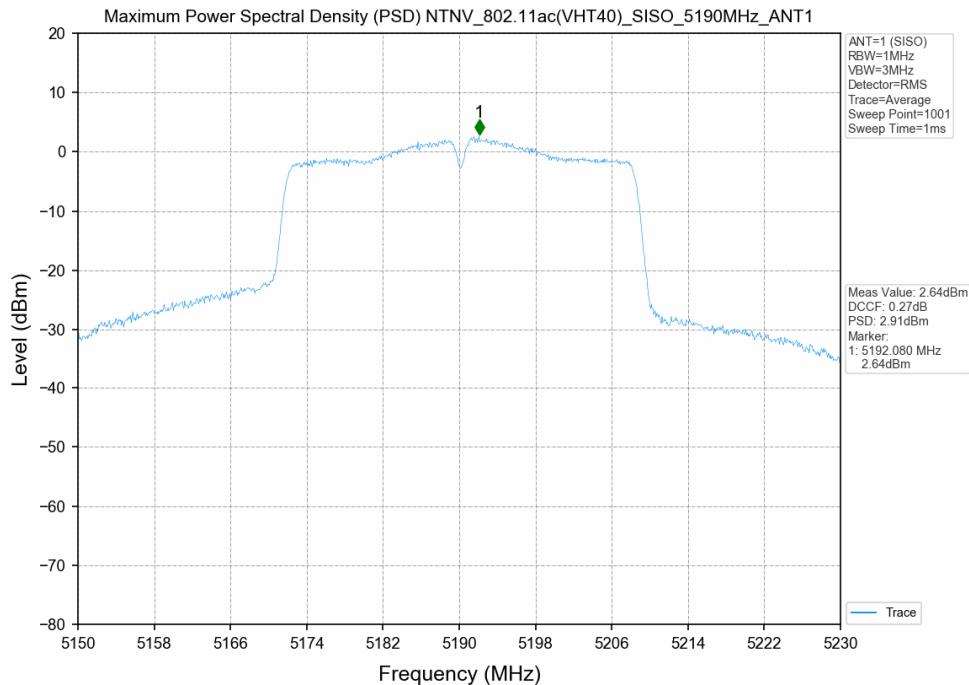
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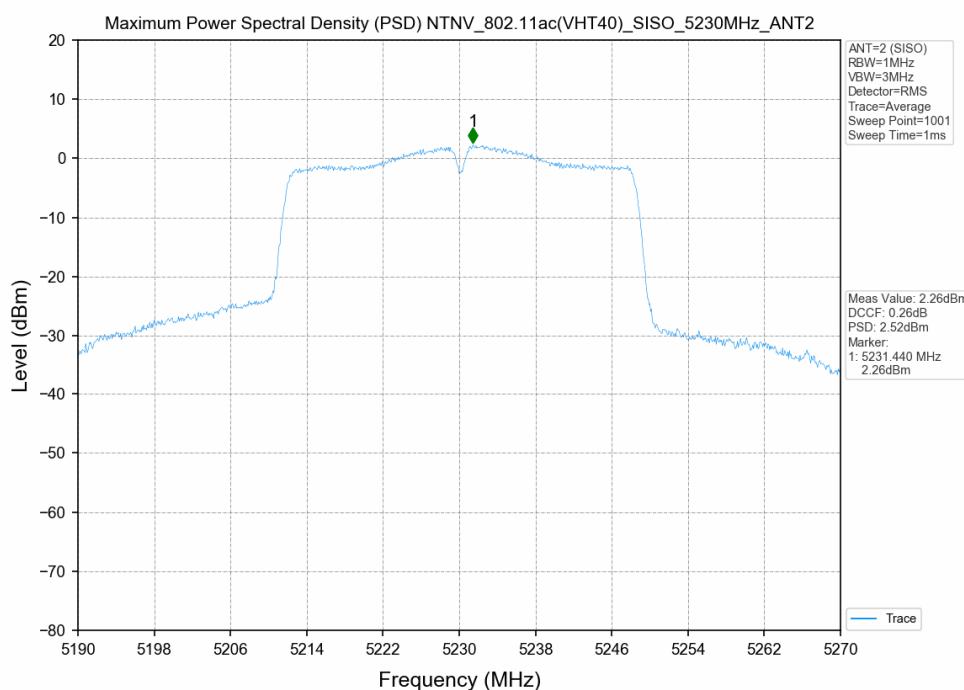
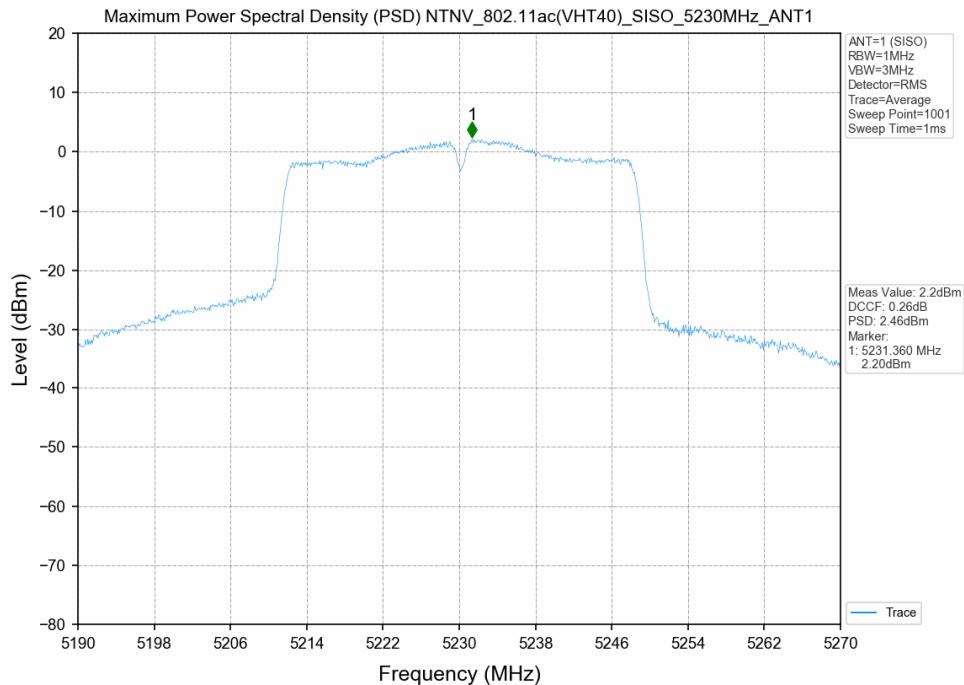
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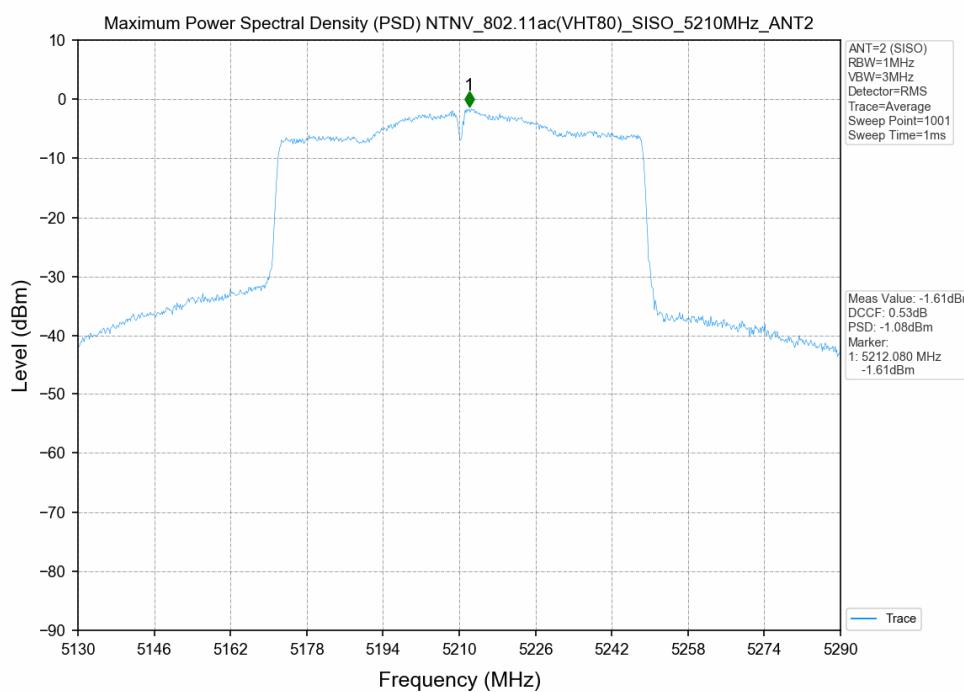
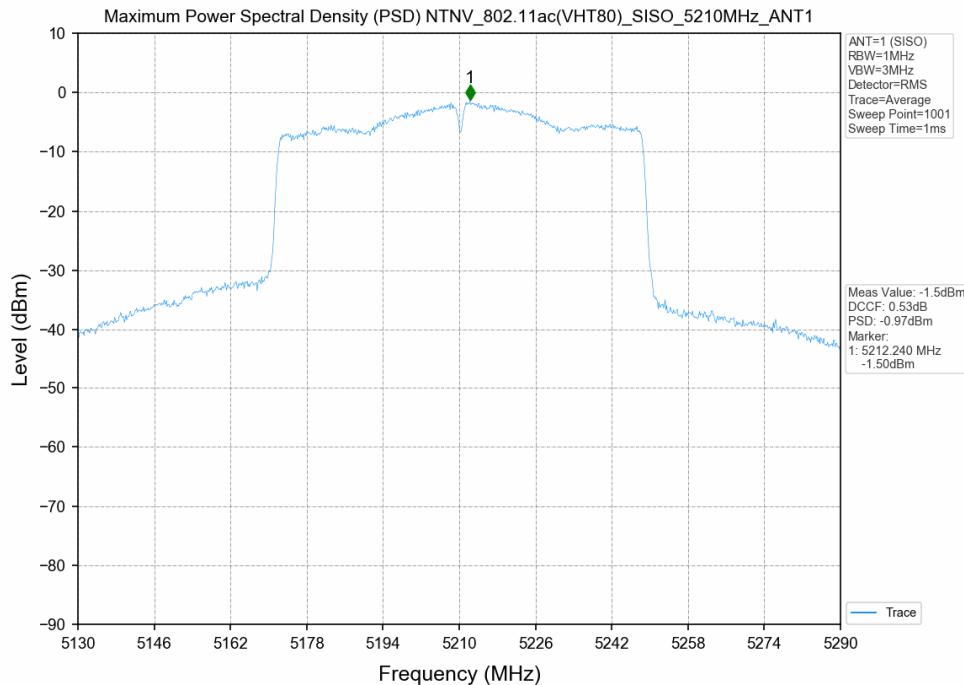
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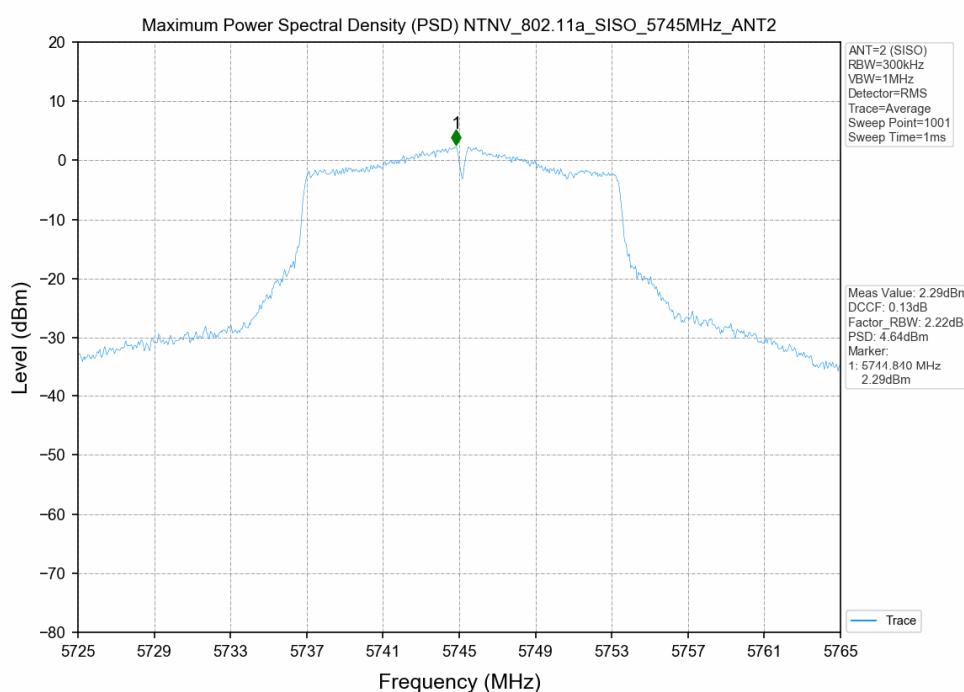
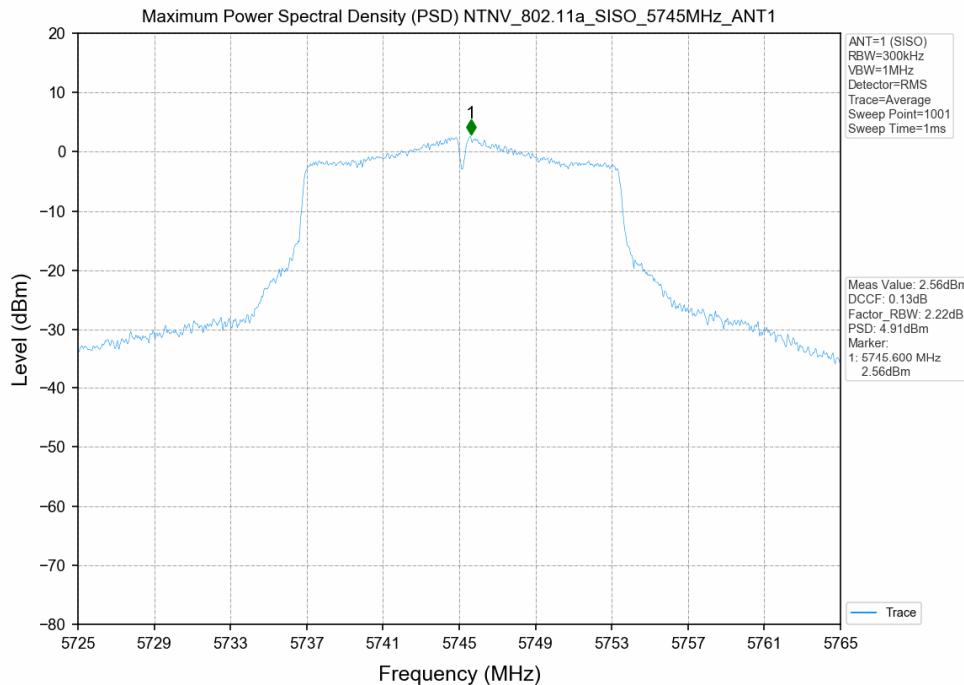
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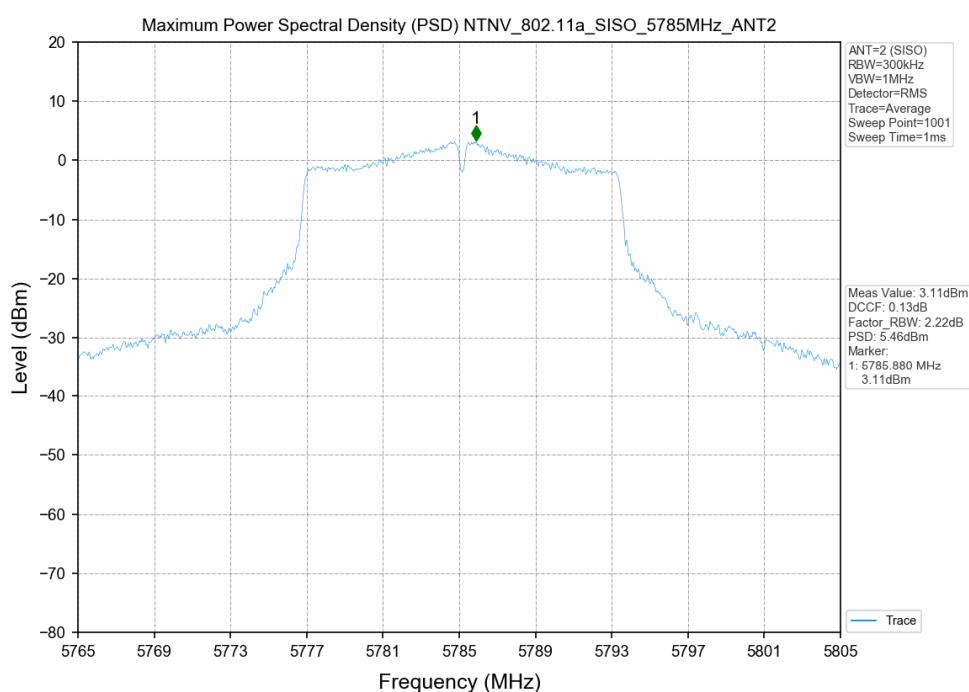
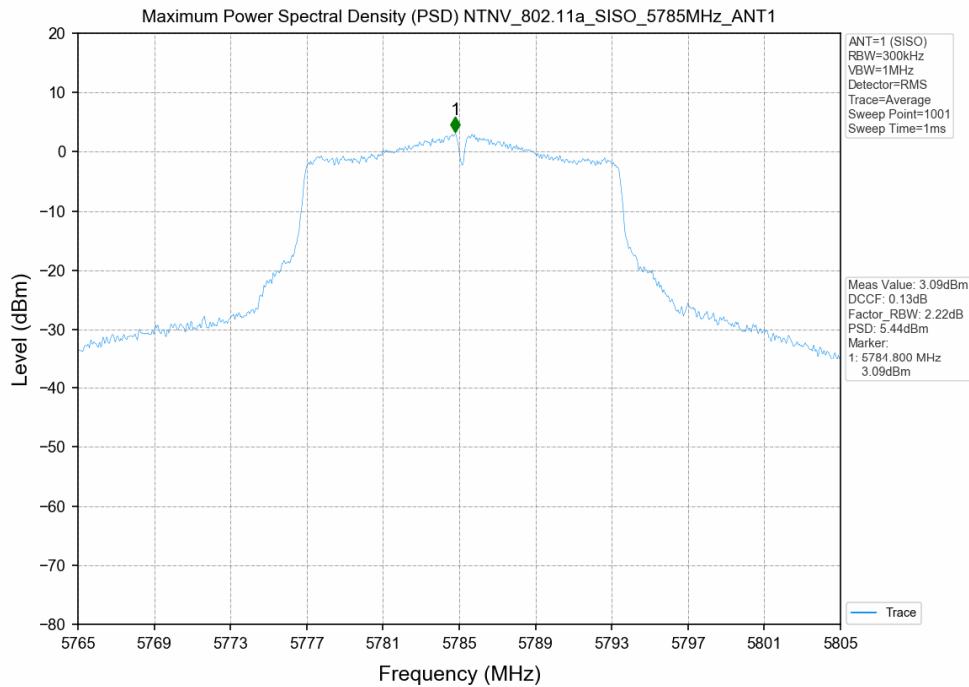


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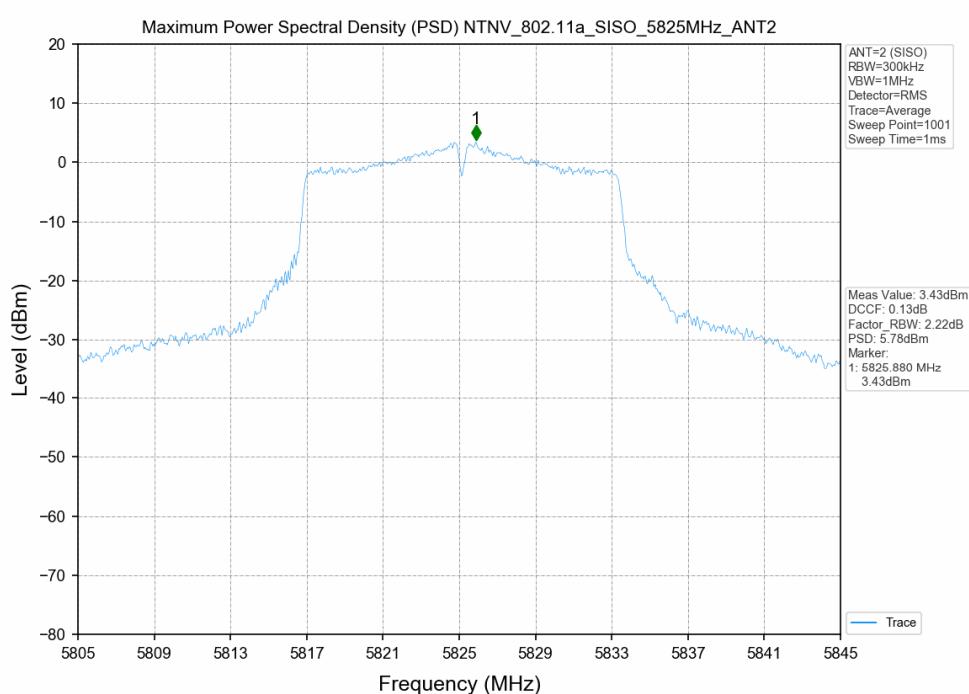
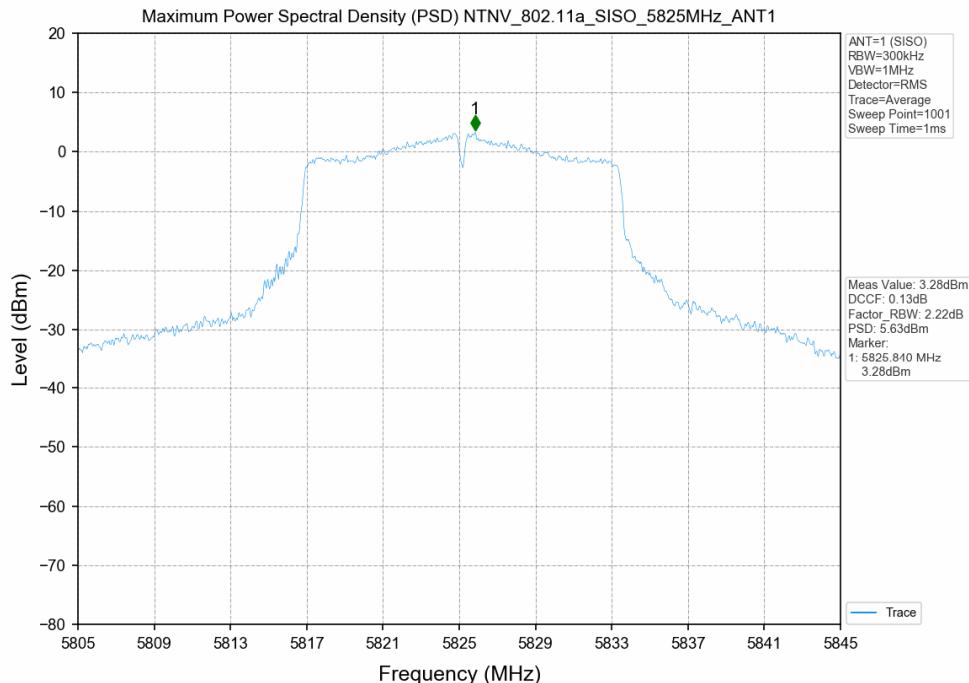


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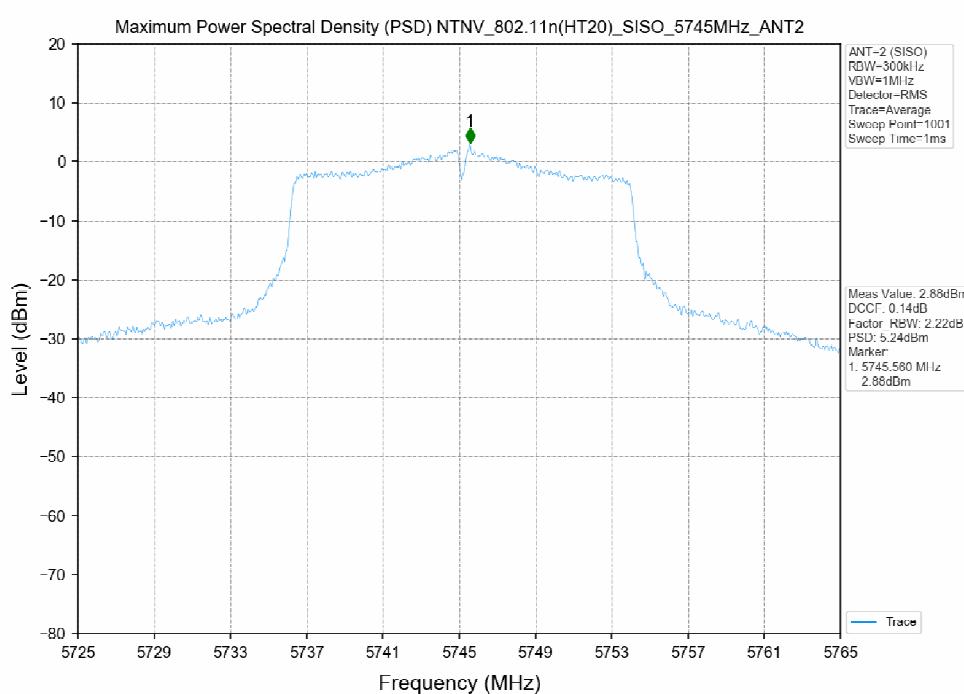
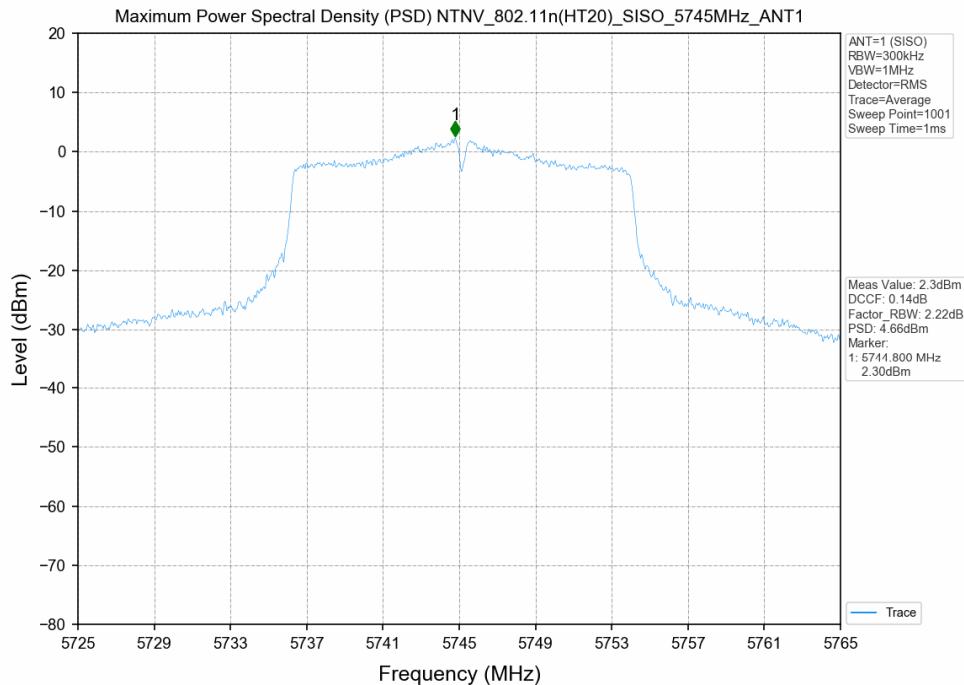
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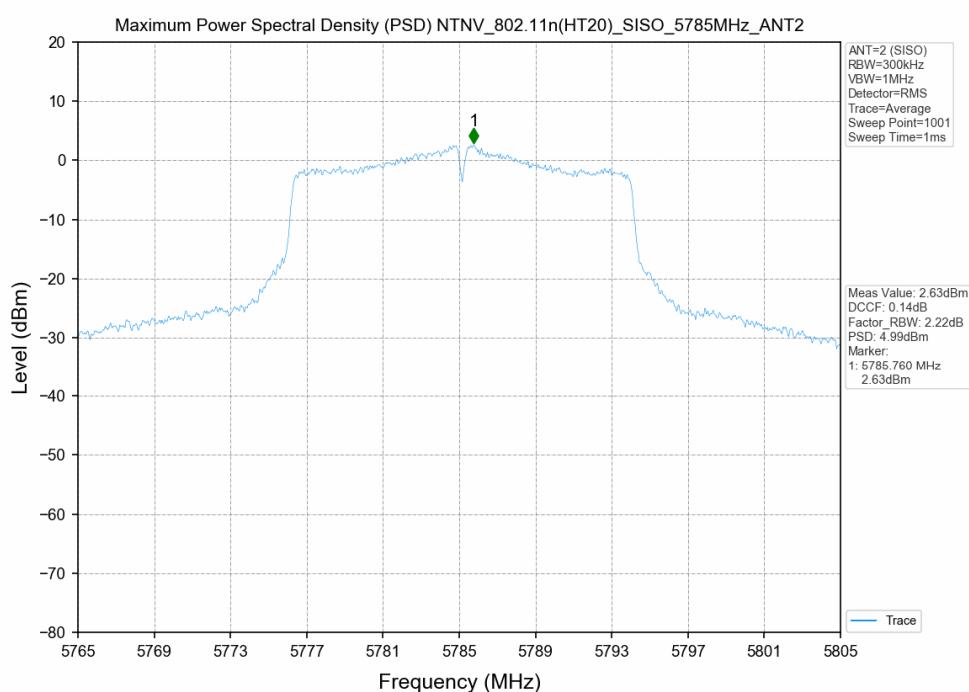
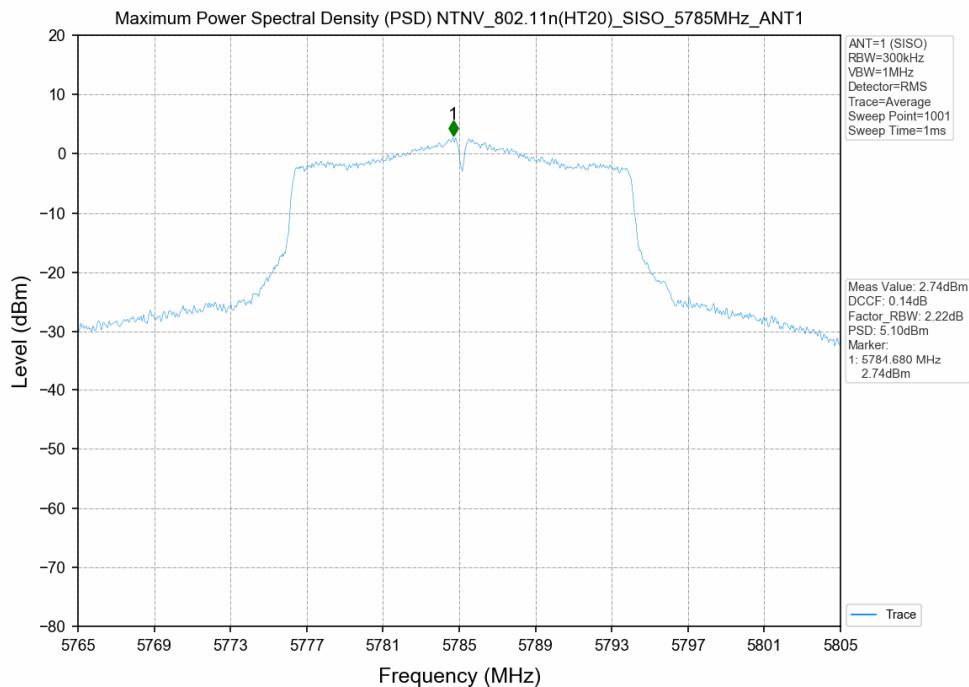
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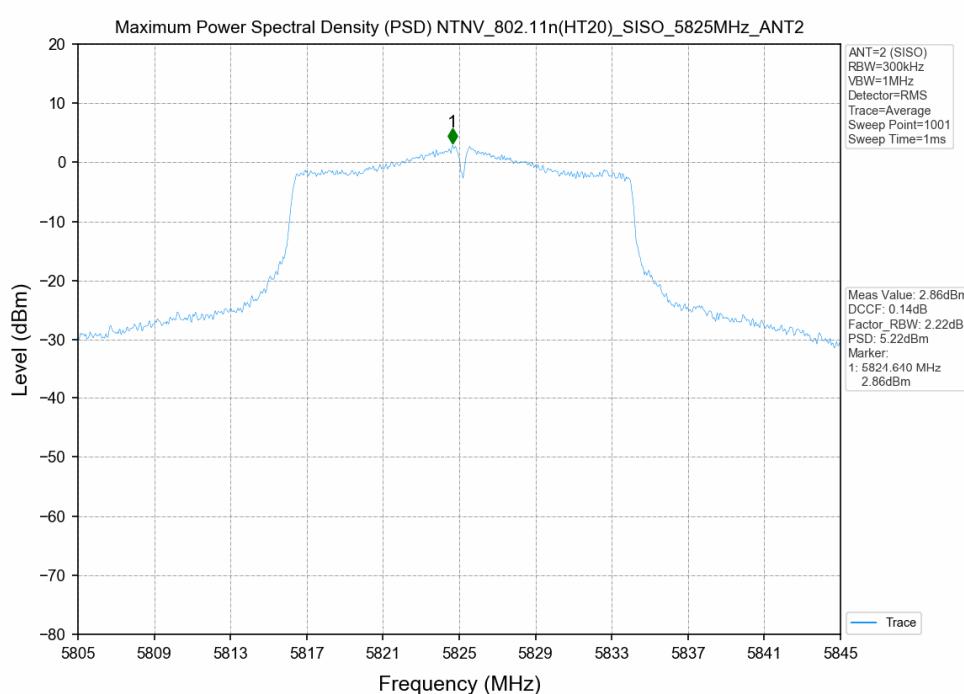
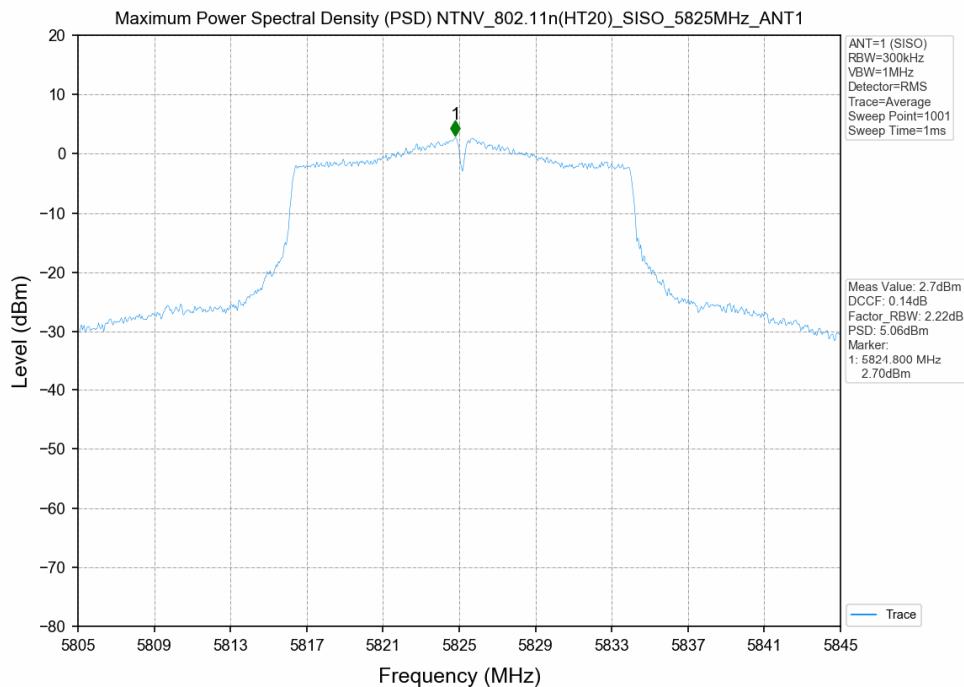


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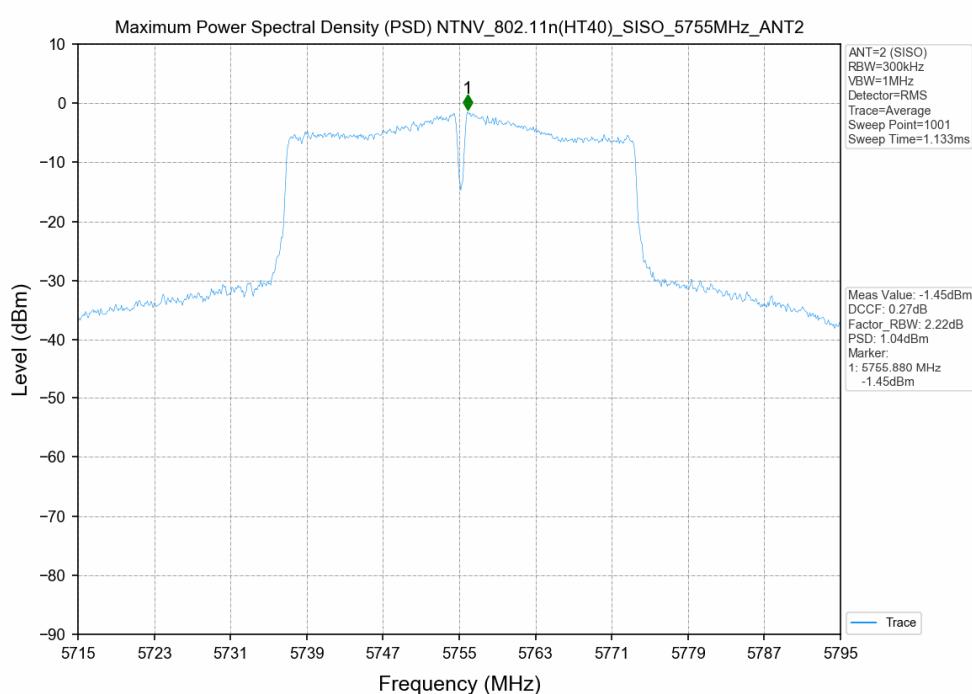
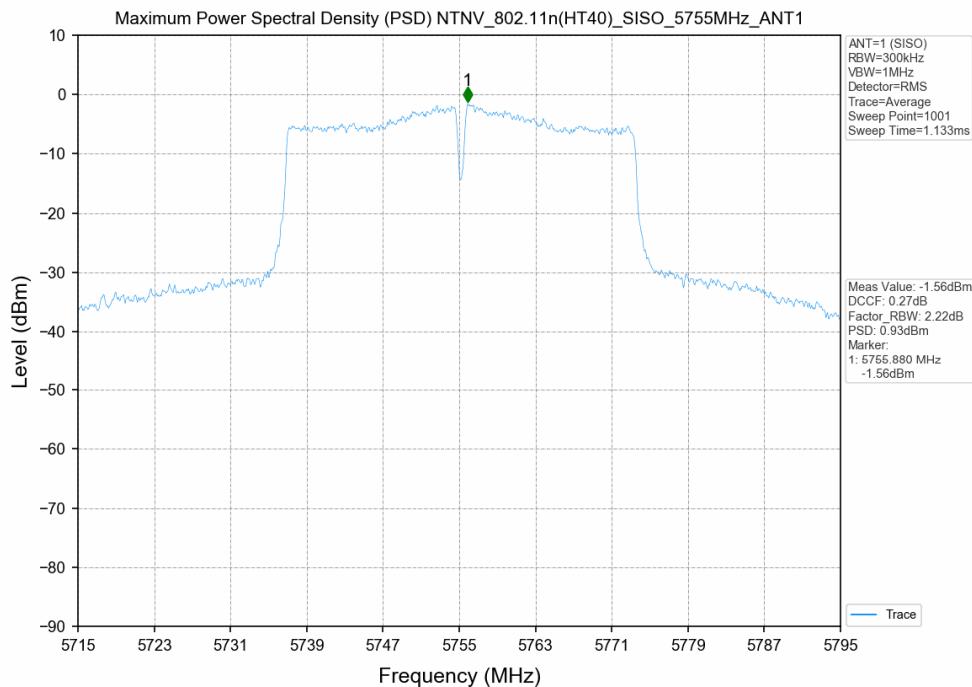


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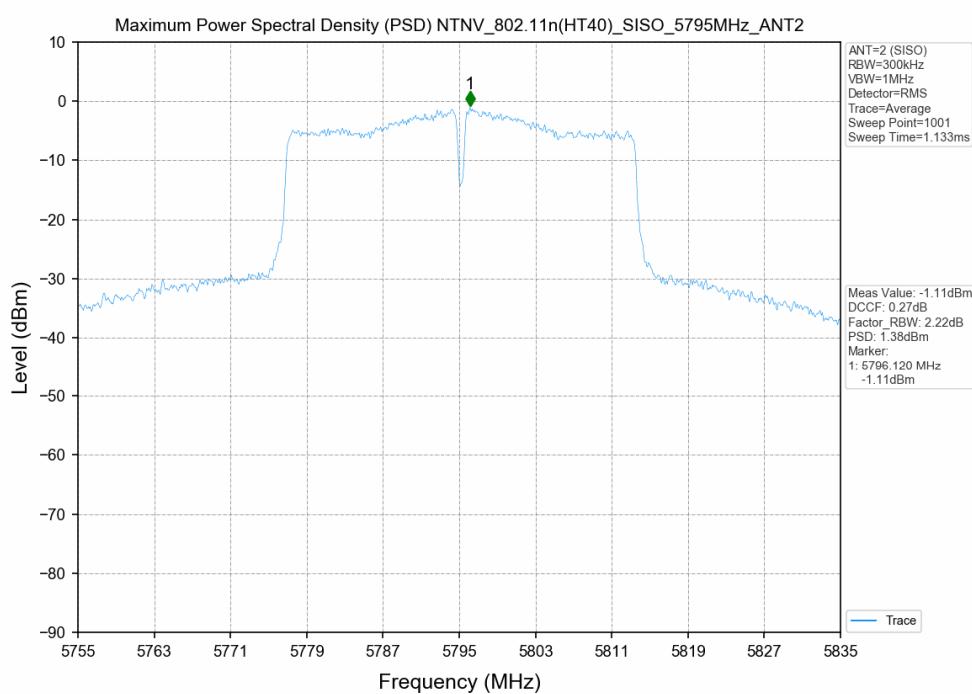
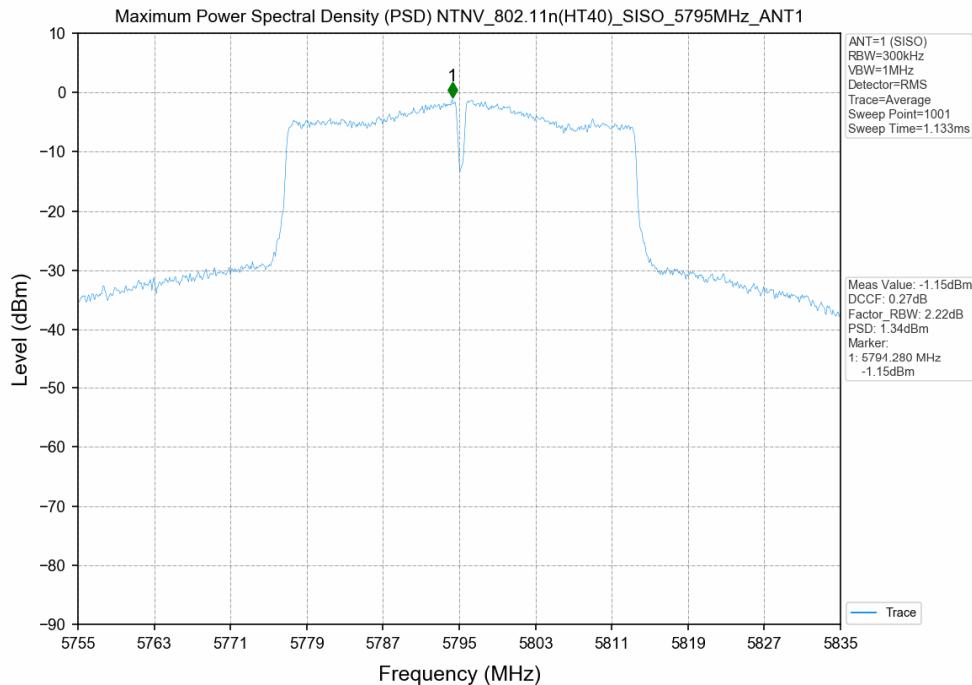


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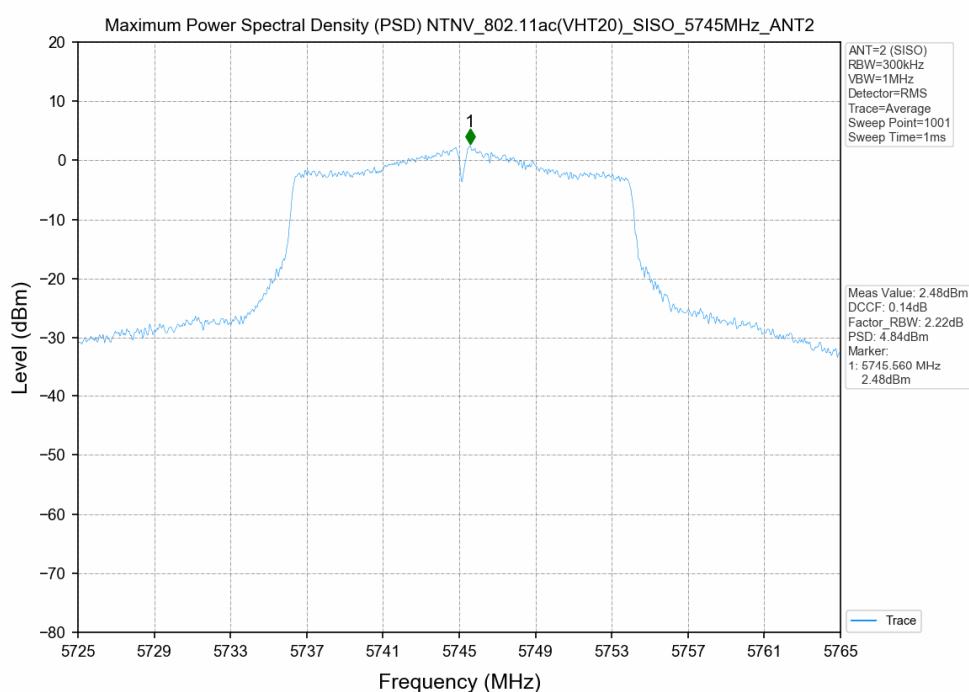
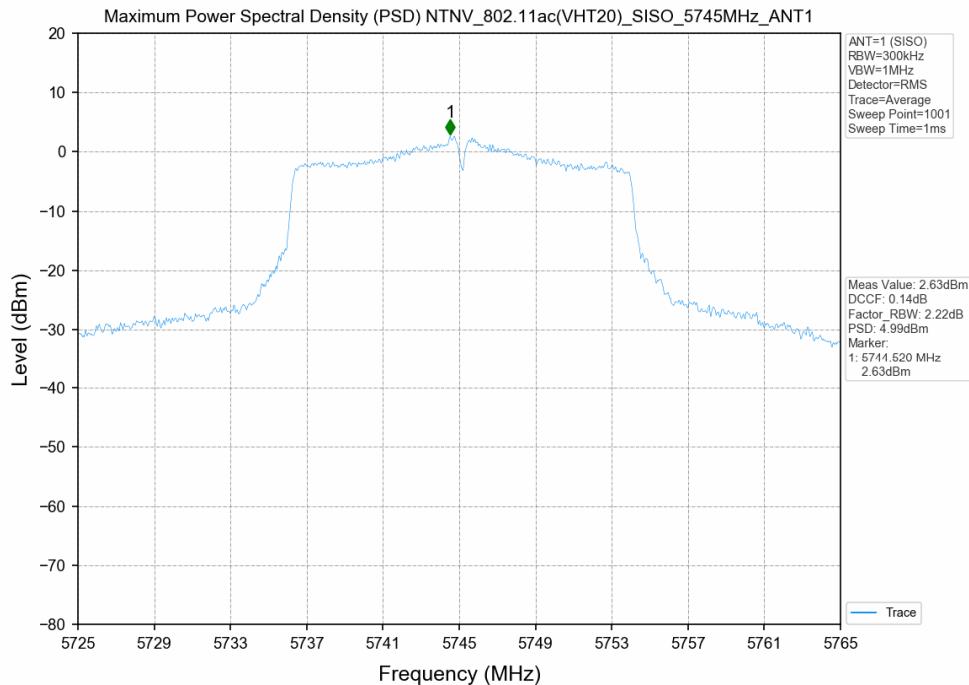
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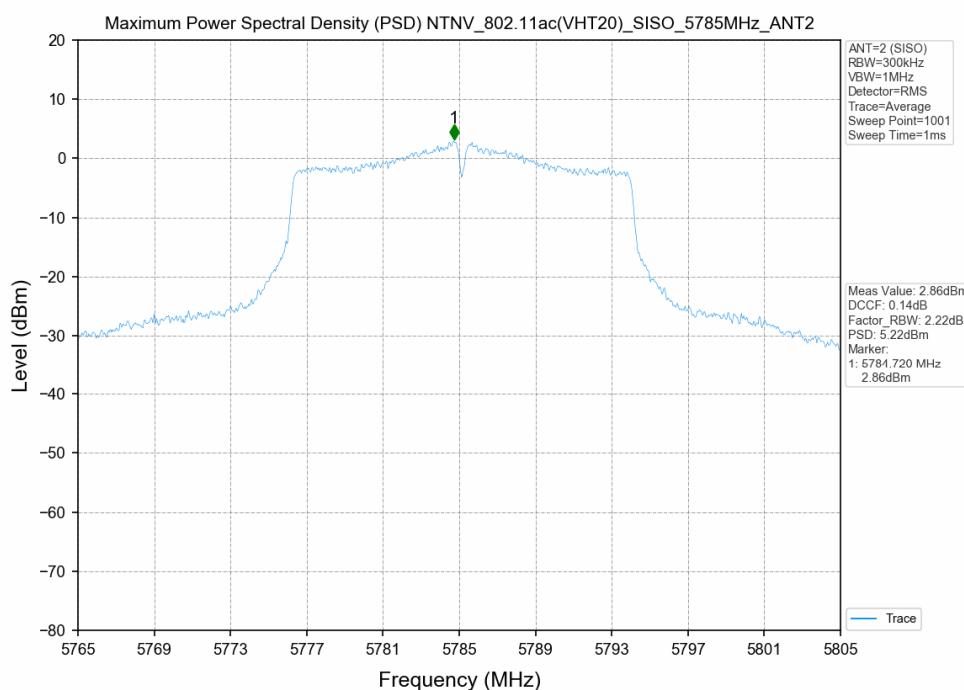
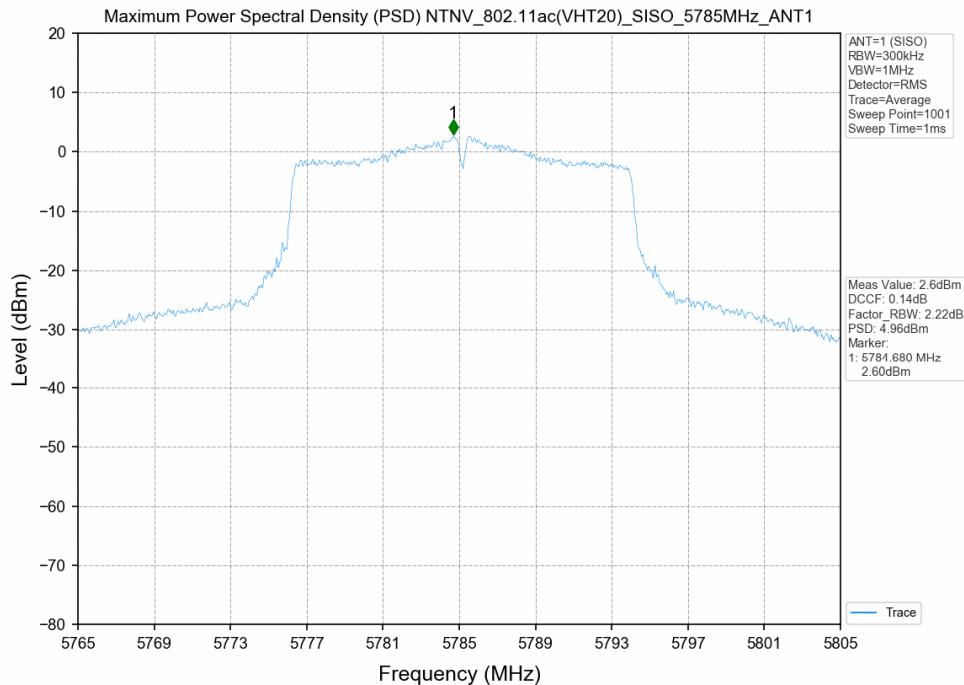
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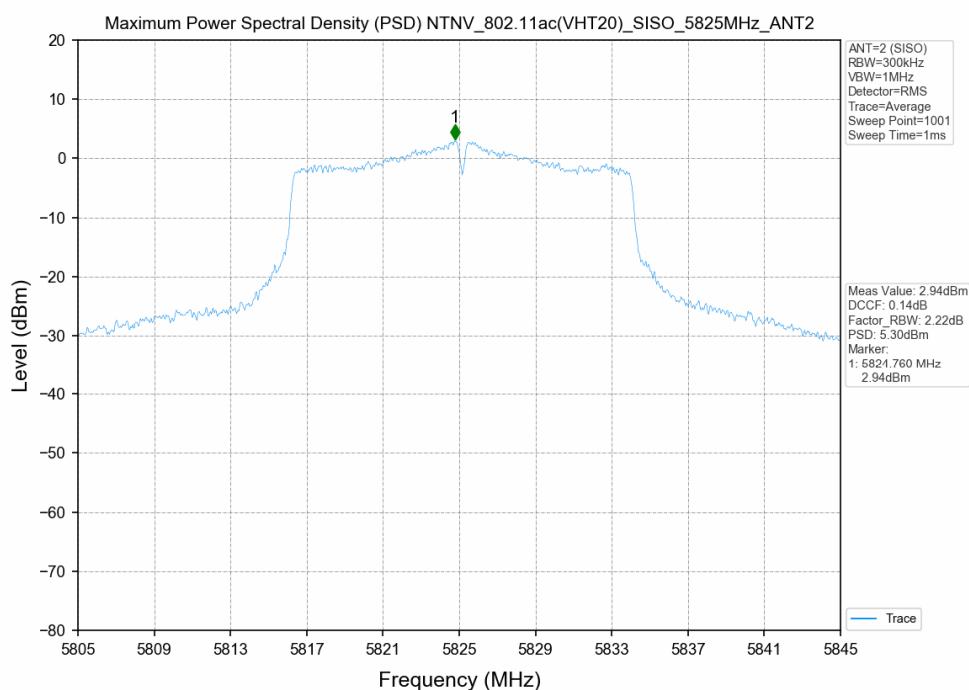
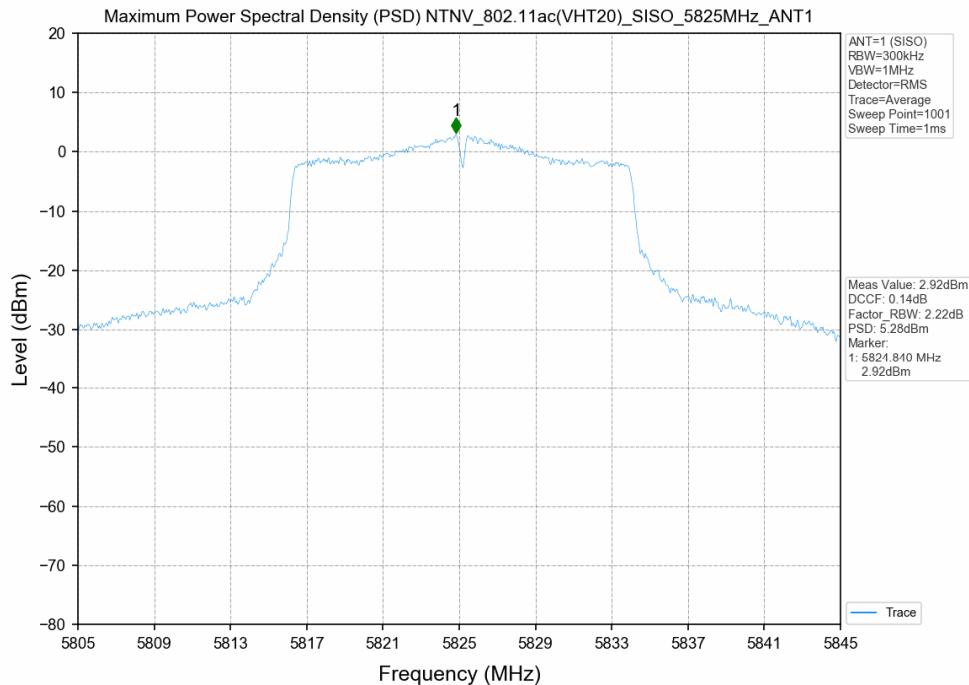
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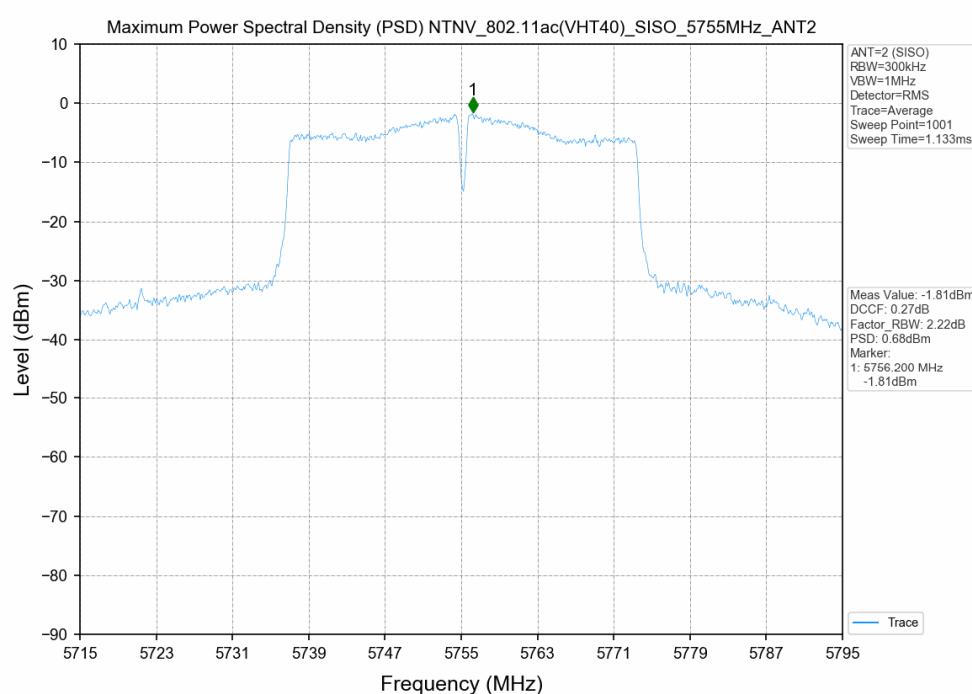
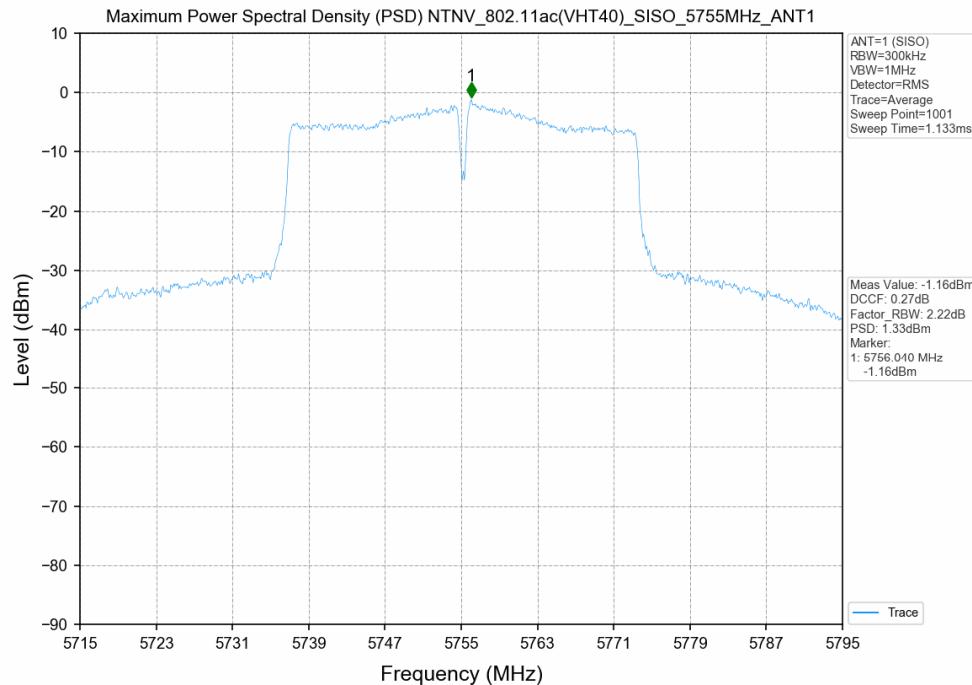
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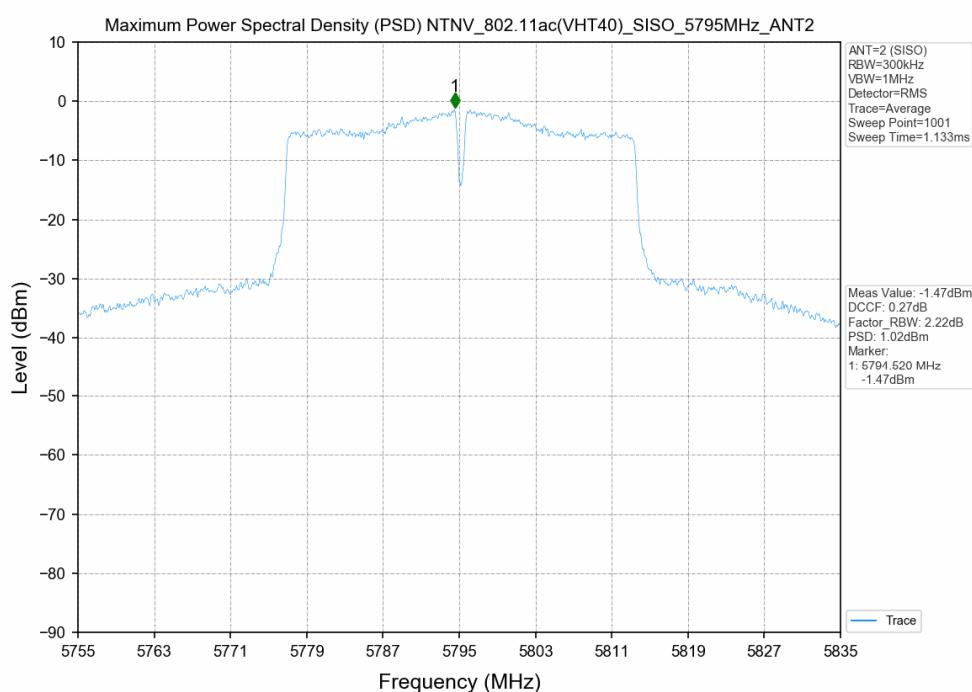
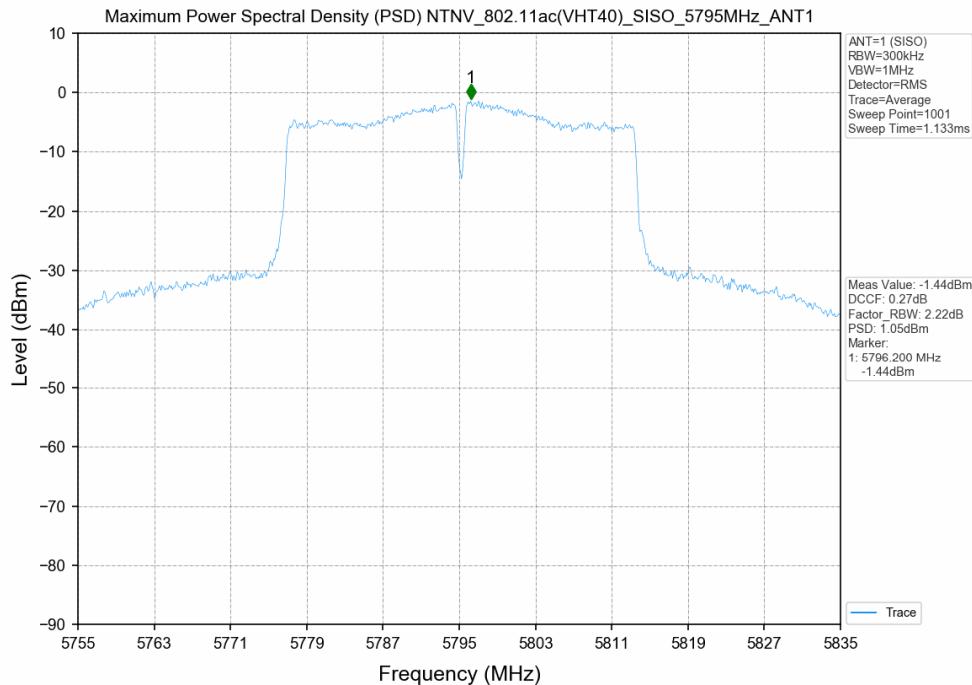
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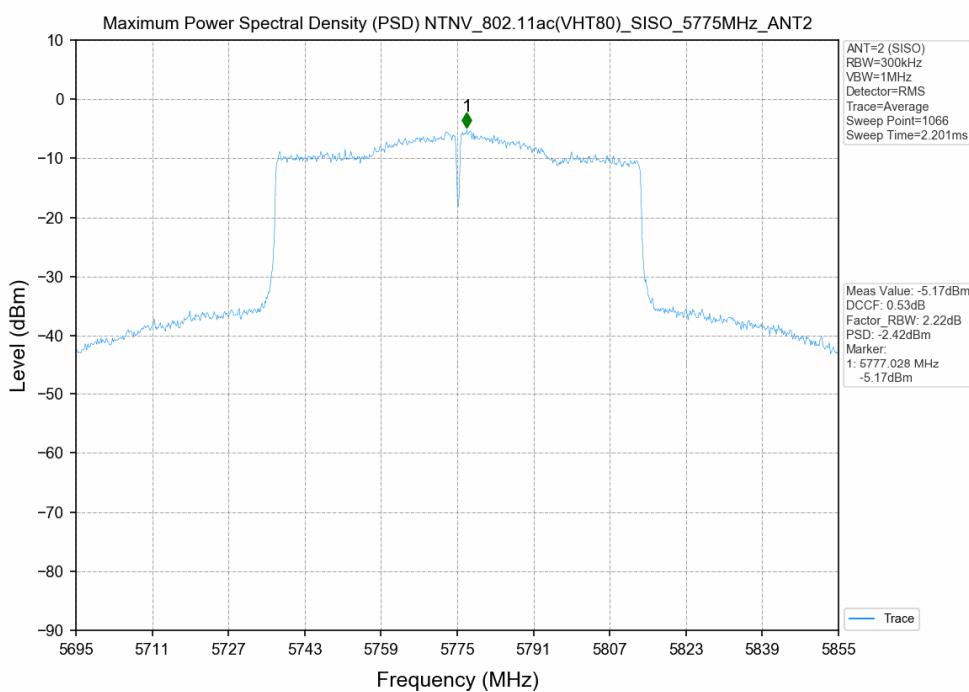
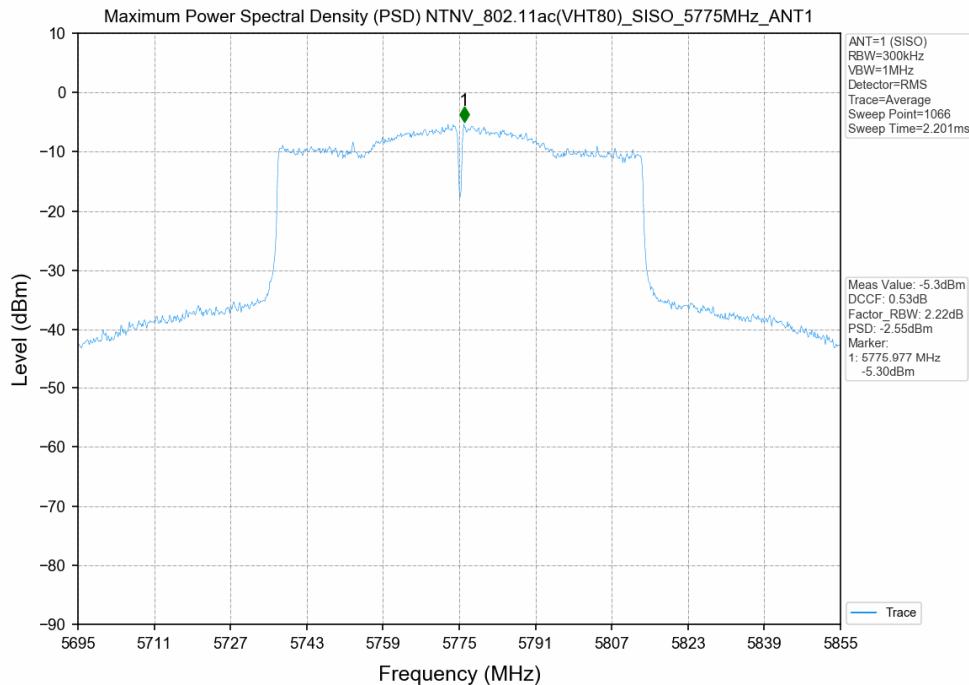
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