

Appendix B for-KSCR220100003002-FCC-5G-RTL8812cu

1. Duty Cycle

1.1 Ant1

1.1.1 Test Result

Ant1							
Mode	Tx Type	Frequency (MHz)	T_on (ms)	Period (ms)	Duty Cycle (%)	Duty Cycle Correction Factor (dB)	Max. DC Variation (%)
802.11a	SISO	5180	2.064	2.295	89.93	0.46	5.63
		5200	2.064	2.277	90.65	0.43	4.87
		5240	2.063	2.285	90.28	0.44	4.90
		5745	2.064	2.259	91.37	0.39	4.20
		5785	2.064	2.296	89.90	0.46	5.63
		5825	2.063	2.294	89.93	0.46	4.83
802.11n (HT20)	MIMO	5180	1.920	2.124	90.40	0.44	4.84
		5200	1.920	2.142	89.64	0.48	5.61
		5240	1.920	2.151	89.26	0.49	5.98
		5745	1.920	2.132	90.06	0.45	3.54
		5785	1.920	2.152	89.22	0.50	6.01
		5825	1.920	2.133	90.01	0.46	5.24
802.11n (HT40)	MIMO	5190	0.945	1.175	80.43	0.95	10.45
		5230	0.944	1.175	80.34	0.95	7.38
		5755	0.944	1.166	80.96	0.92	9.83
		5795	0.944	1.148	82.23	0.85	8.51
802.11ac (VHT20)	MIMO	5180	1.920	2.151	89.26	0.49	5.52
		5200	1.920	2.151	89.26	0.49	5.12
		5240	1.920	2.143	89.59	0.48	5.61
		5745	1.920	2.142	89.64	0.48	4.79
		5785	1.920	2.141	89.68	0.47	5.17
		5825	1.932	2.169	89.07	0.50	4.23
802.11ac (VHT40)	MIMO	5190	0.944	1.157	81.59	0.88	8.43
		5230	0.944	1.148	82.23	0.85	8.53
		5755	0.944	1.148	82.23	0.85	4.79
		5795	0.952	1.207	78.87	1.03	9.17
802.11ac (VHT80)	MIMO	5210	1.921	2.152	89.27	0.49	5.97
		5775	1.920	2.134	89.97	0.46	5.24



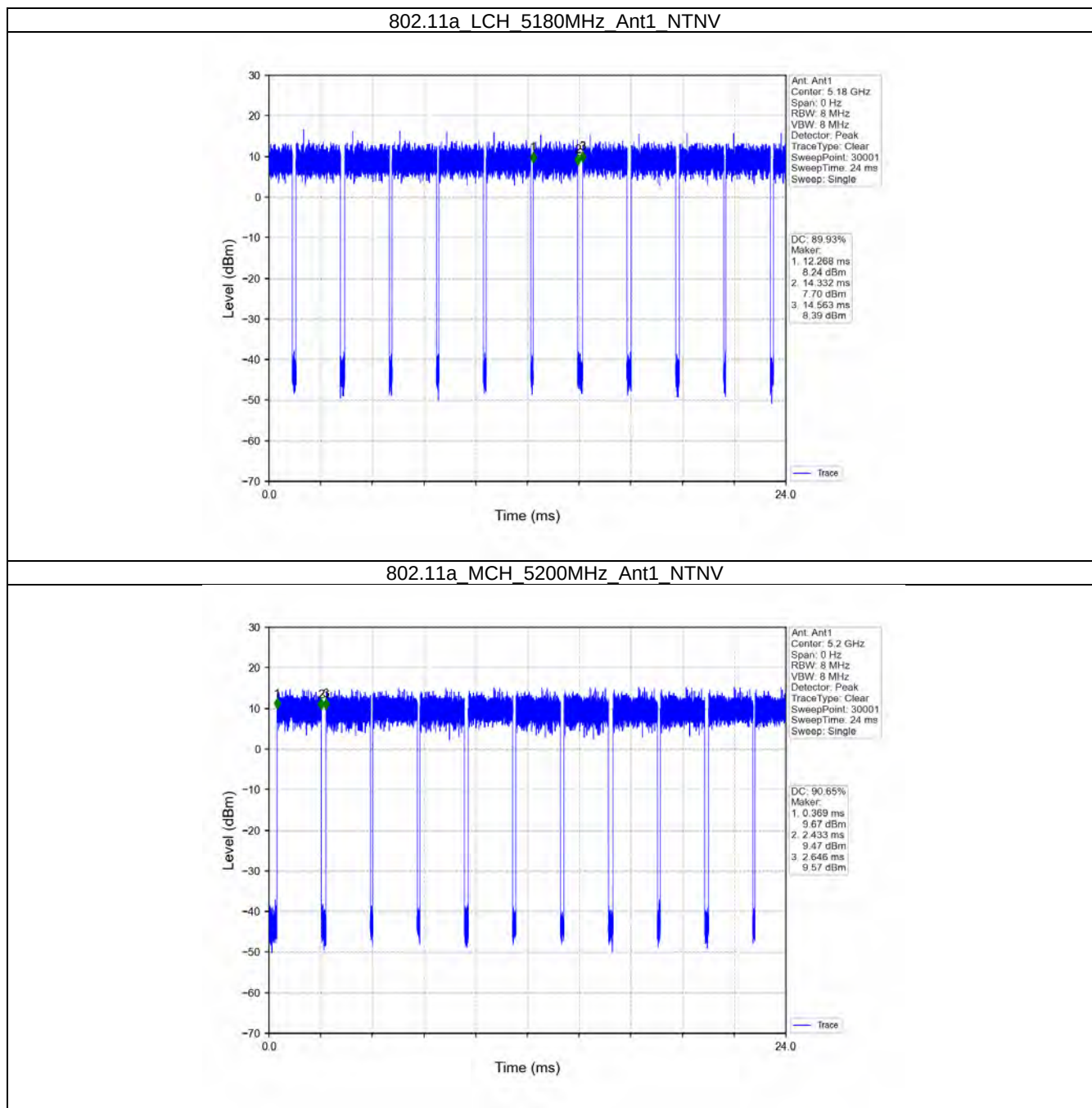
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1.1.2 Test Graph



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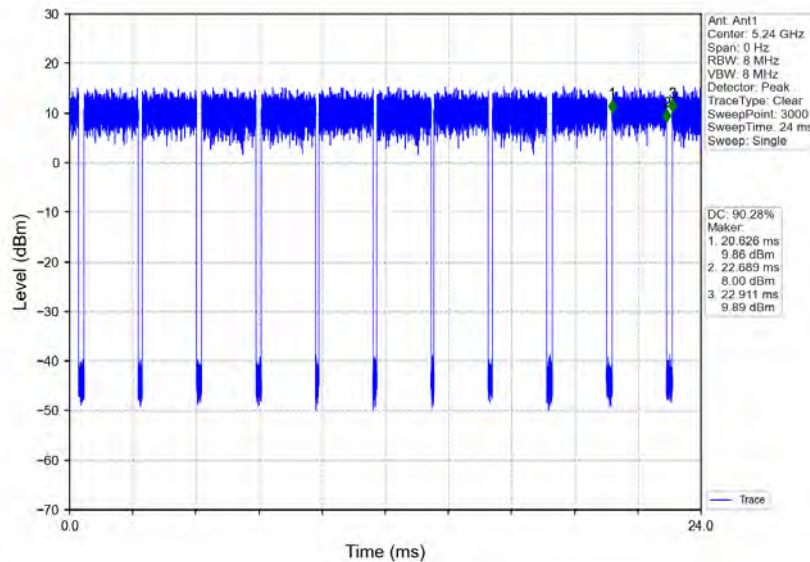
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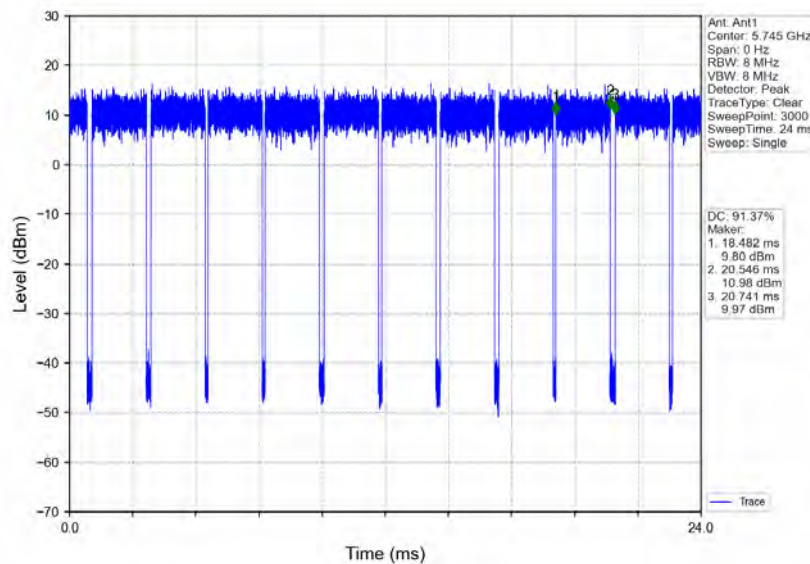
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802.11a_HCH_5240MHz_Ant1_NTNV



802.11a_LCH_5745MHz_Ant1_NTNV



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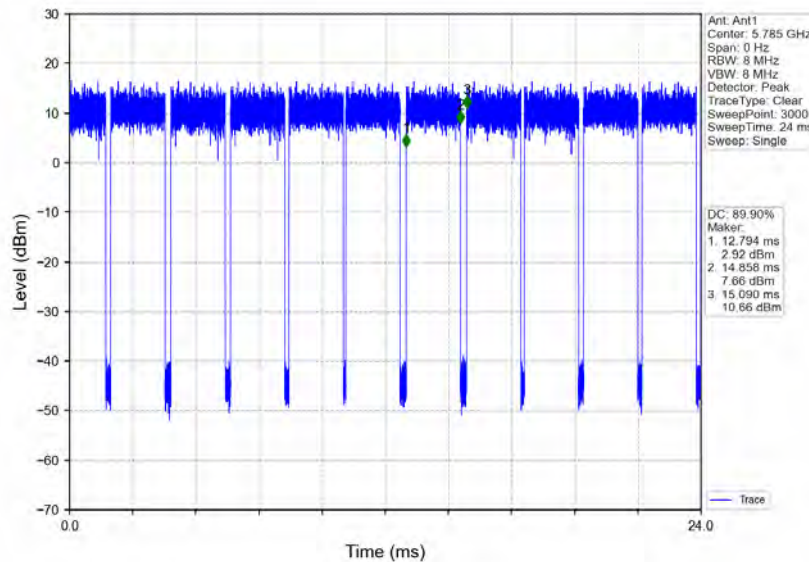
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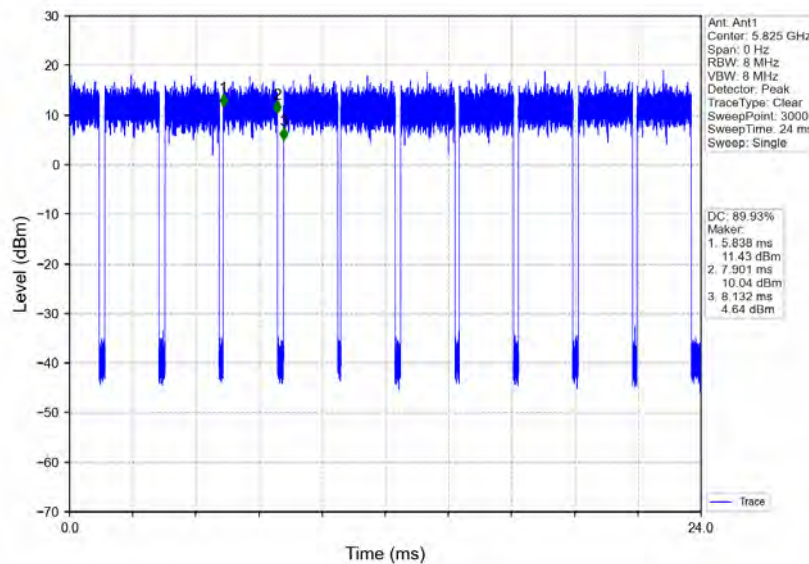
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802.11a_MCH_5785MHz_Ant1_NTNV



802.11a_HCH_5825MHz_Ant1_NTNV



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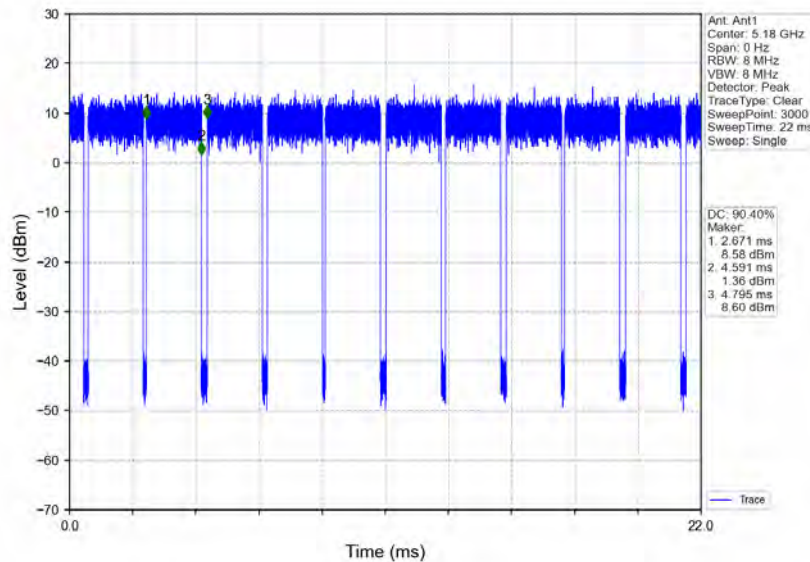
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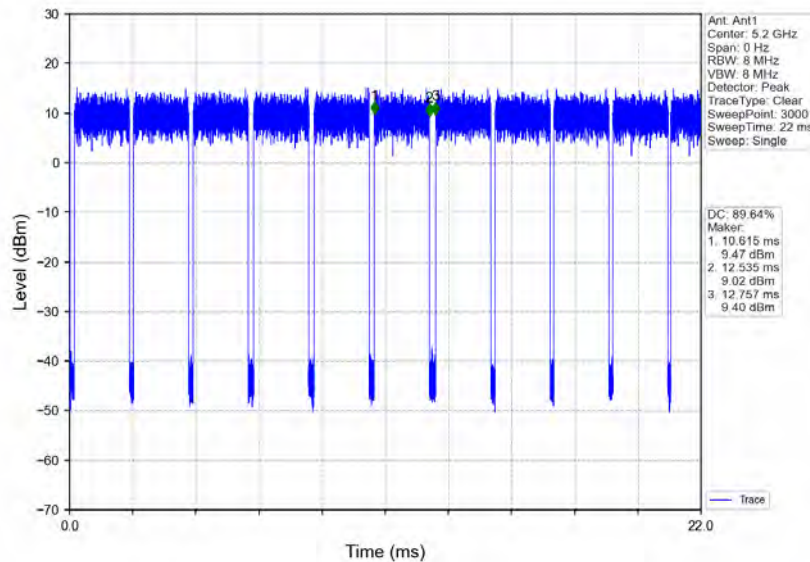
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802.11n(HT20) LCH 5180MHz Ant1 NTN



802.11n(HT20)_MCH_5200MHz_Ant1_NTN



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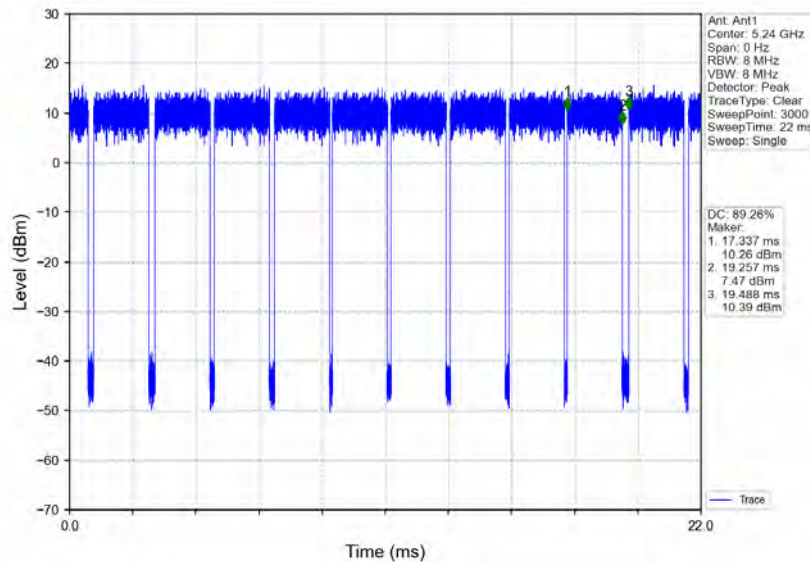
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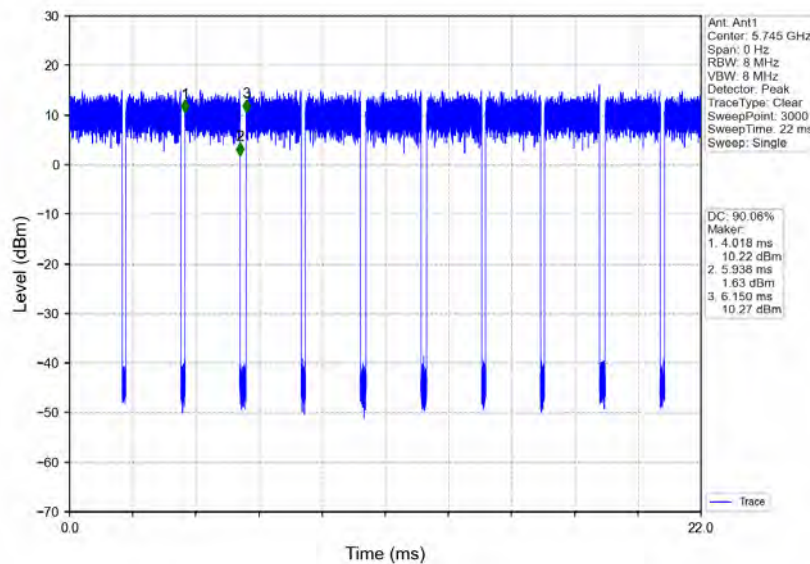
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802.11n(HT20) HCH 5240MHz Ant1 NTNV



802.11n(HT20)_LCH 5745MHz Ant1 NTNV



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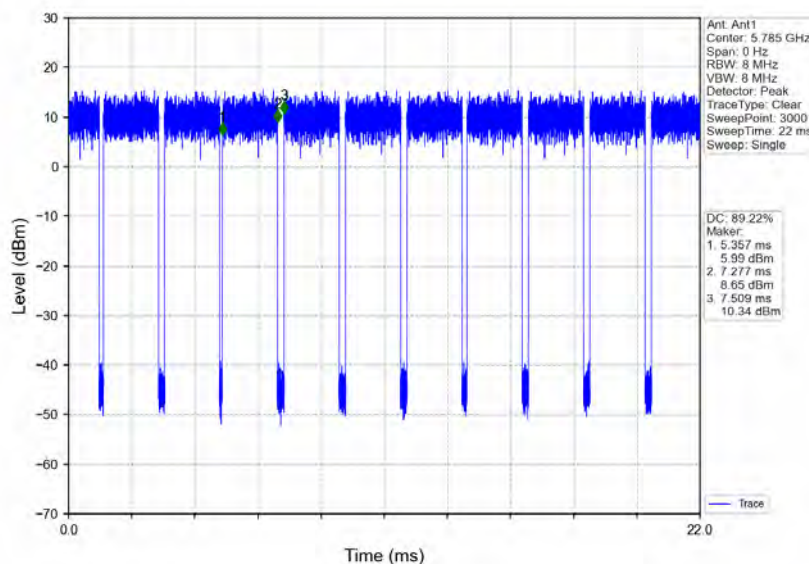
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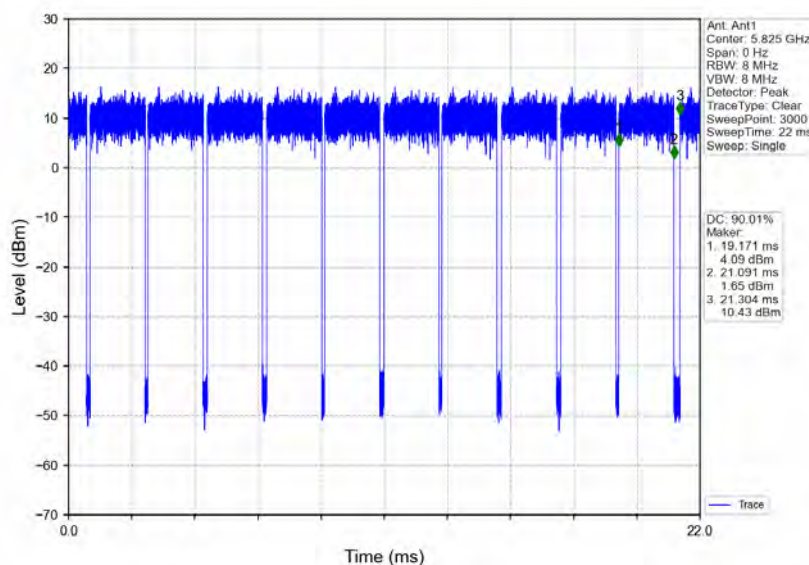
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802.11n(HT20)_MCH_5785MHz_Ant1_NTNV



802.11n(HT20)_HCH_5825MHz_Ant1_NTNV



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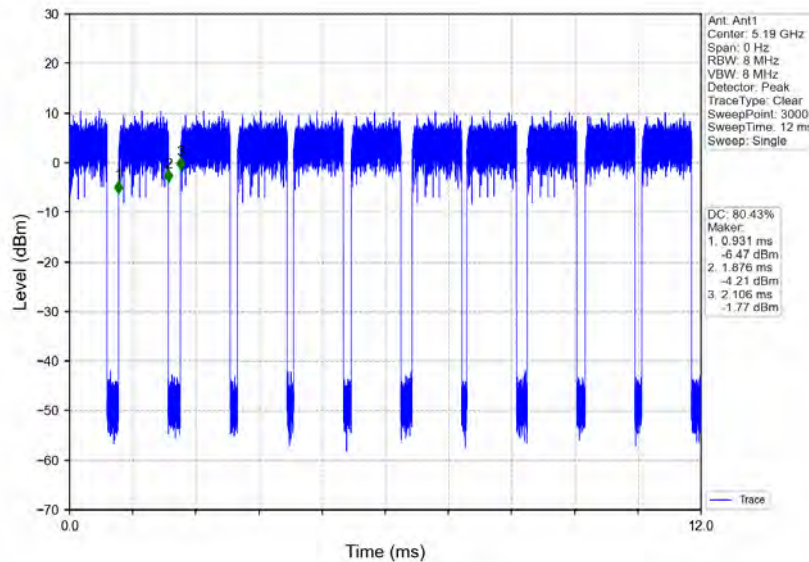
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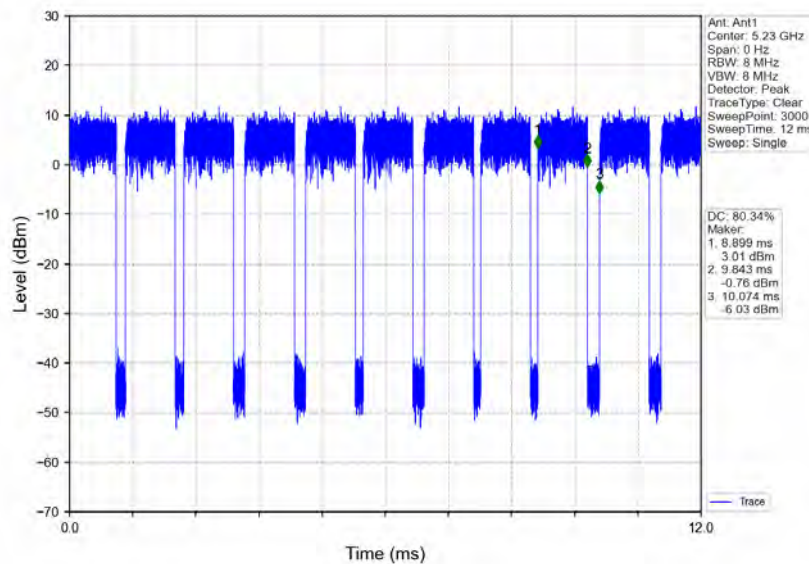
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802.11n(HT40) LCH 5190MHz Ant1 NTN



802.11n(HT40) HCH 5230MHz Ant1 NTN



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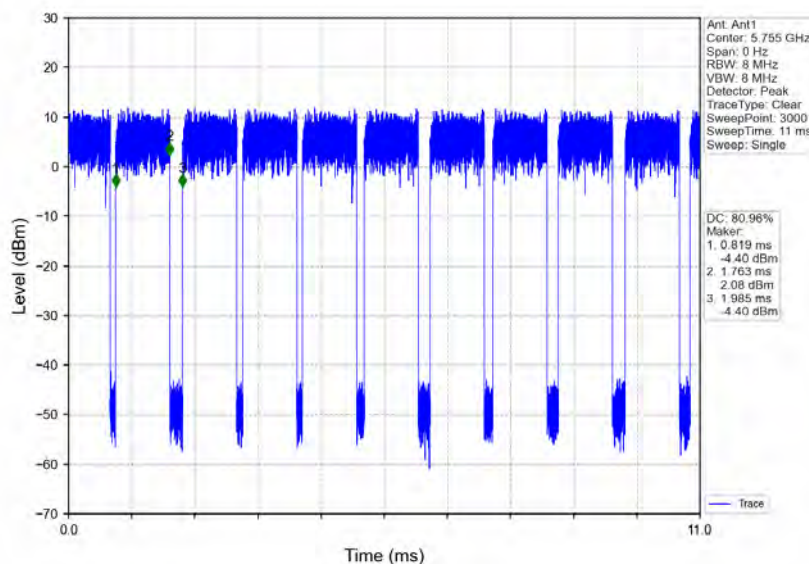
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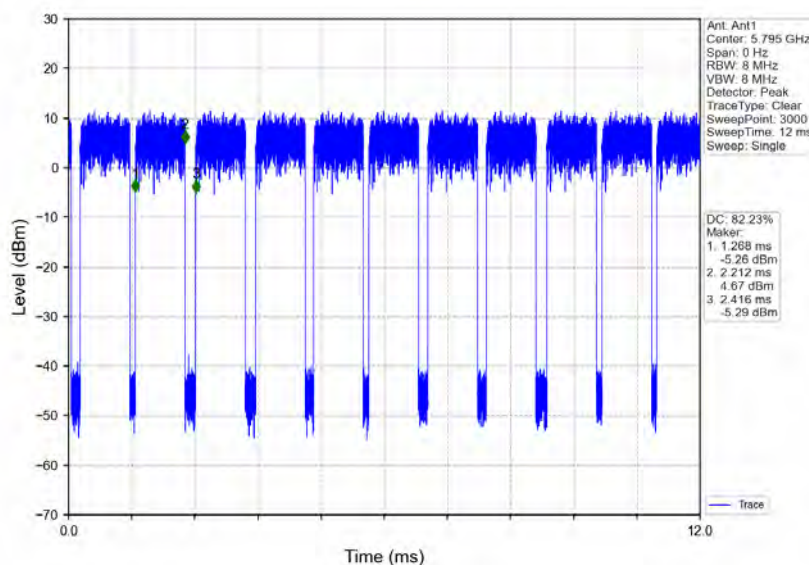
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802.11n(HT40) LCH 5755MHz Ant1 NTN



802.11n(HT40) HCH 5795MHz Ant1 NTN



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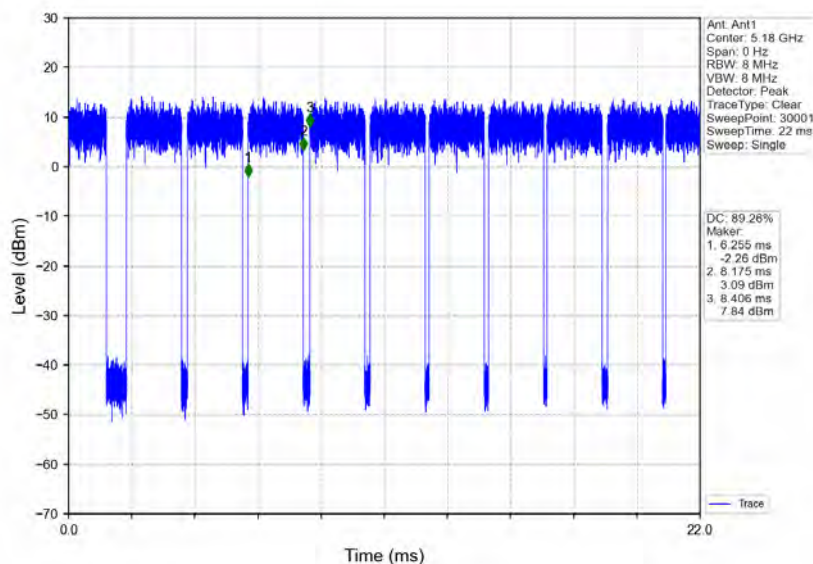
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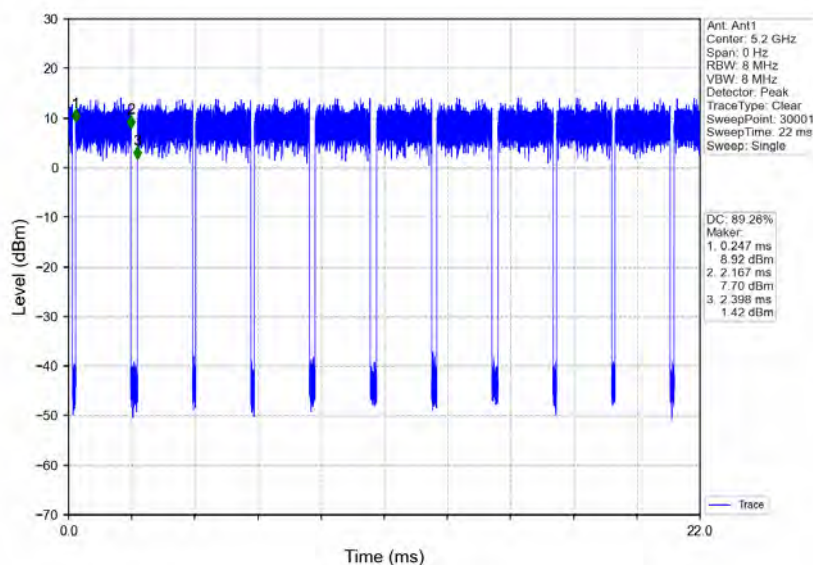
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802.11ac(VHT20) LCH 5180MHz Ant1 NTNV



802.11ac(VHT20) MCH 5200MHz Ant1 NTNV



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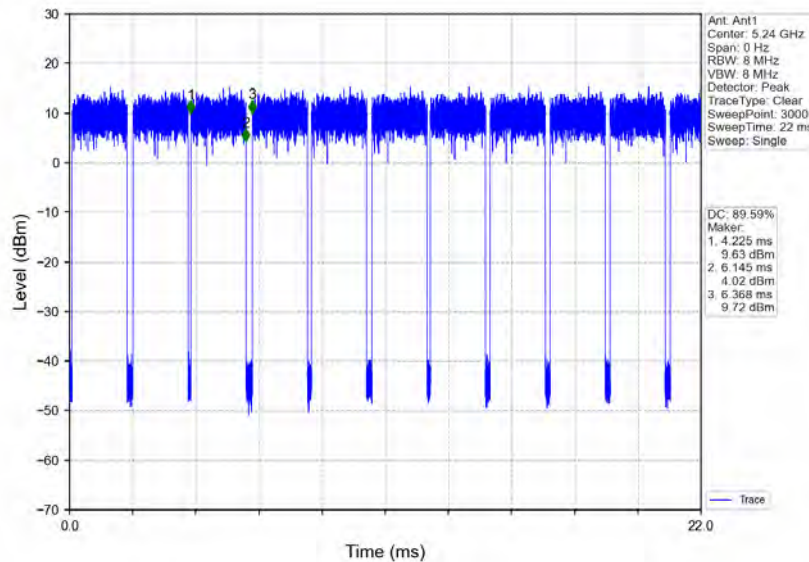
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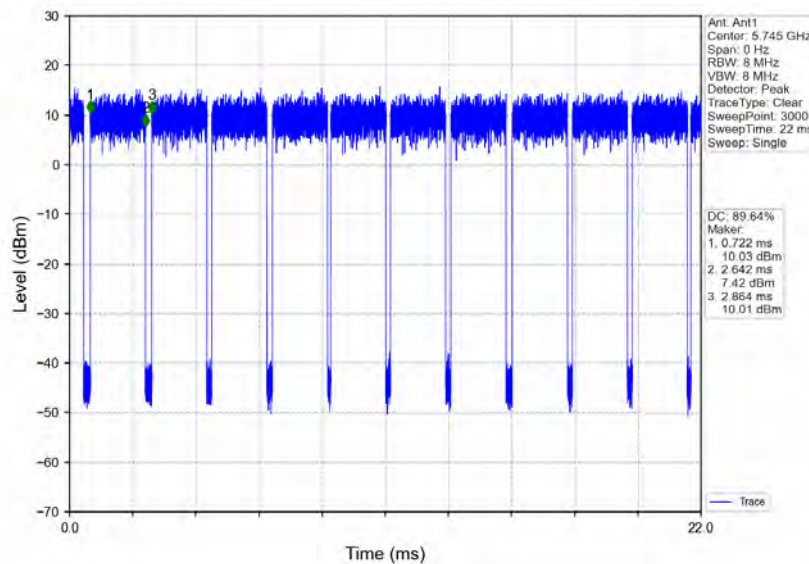
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802.11ac(VHT20)_HCH_5240MHz_Ant1_NTNV



802.11ac(VHT20)_LCH_5745MHz_Ant1_NTNV



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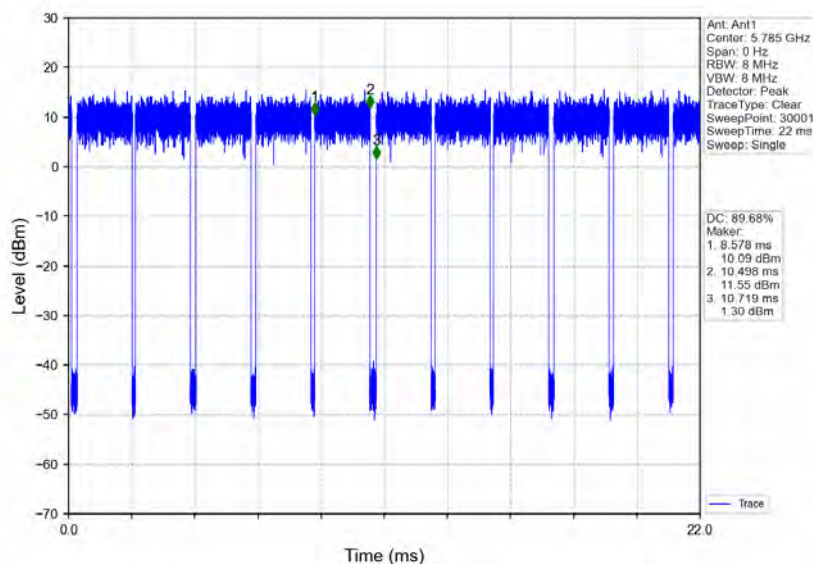
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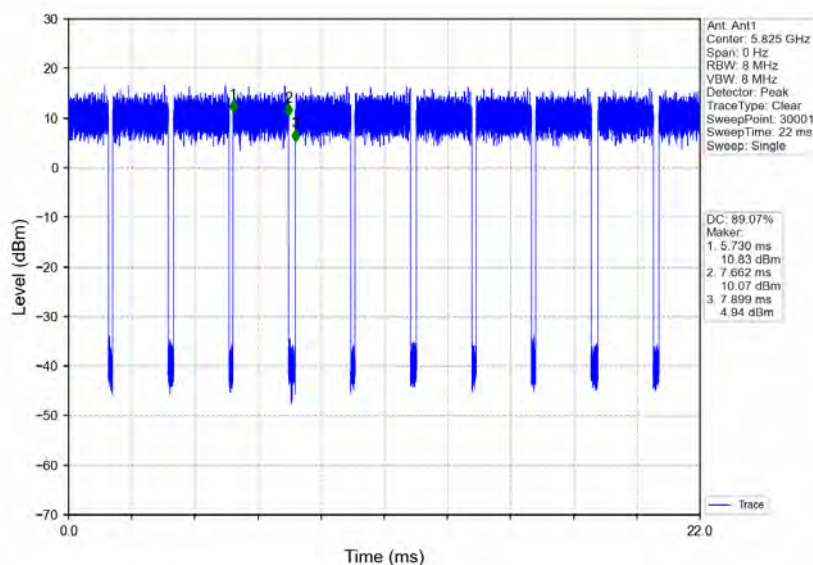
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802.11ac(VHT20)_MCH_5785MHz_Ant1_NTNV



802.11ac(VHT20)_HCH_5825MHz_Ant1_NTNV



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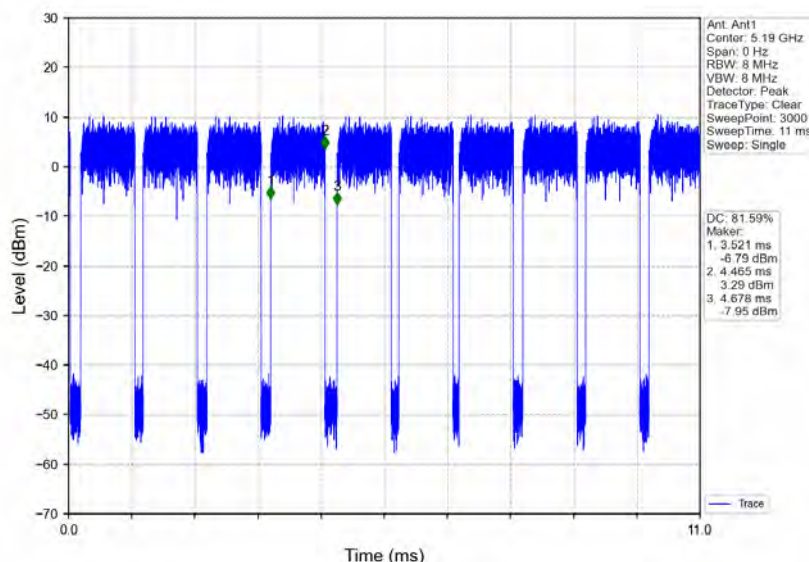
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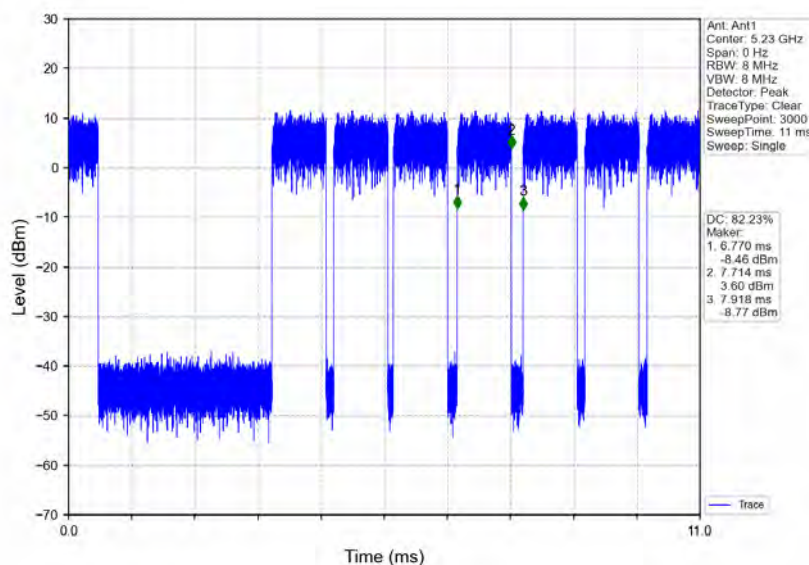
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802.11ac(VHT40) LCH 5190MHz Ant1 NTN



802.11ac(VHT40) HCH 5230MHz Ant1 NTN



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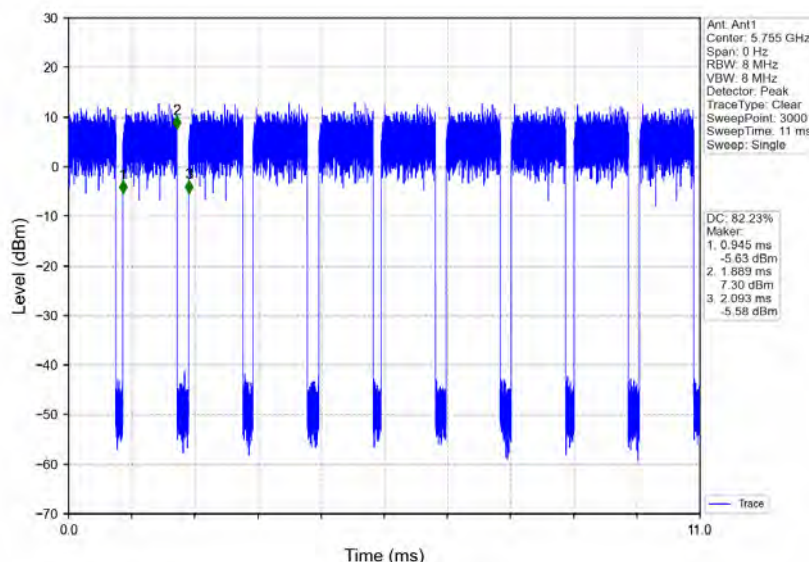
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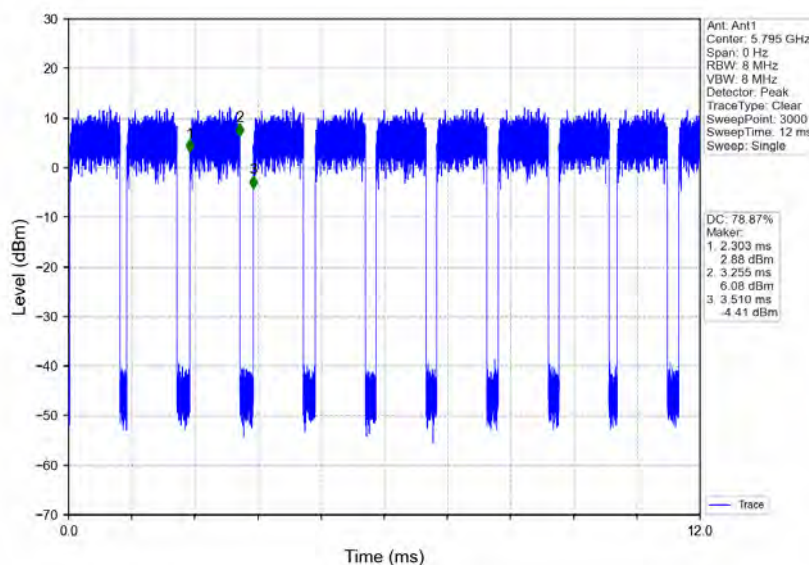
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802.11ac(VHT40) LCH 5755MHz Ant1 NTN



802.11ac(VHT40) HCH 5795MHz Ant1 NTN



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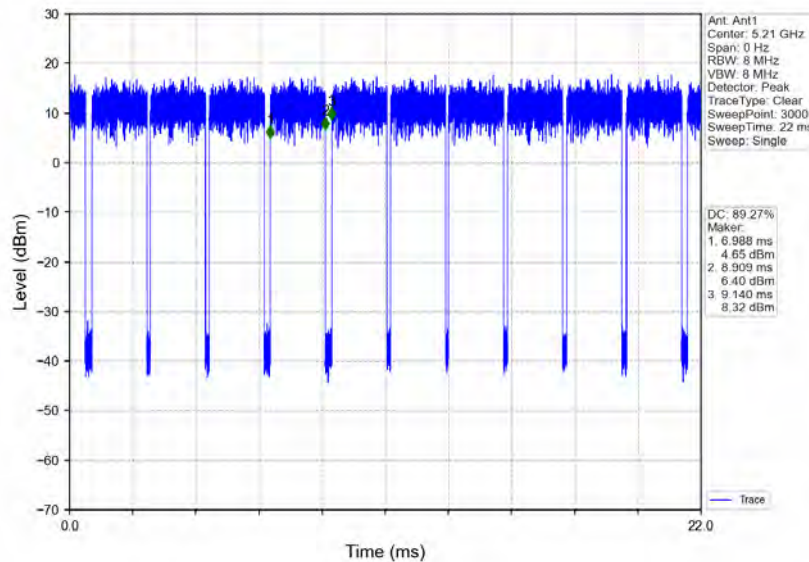
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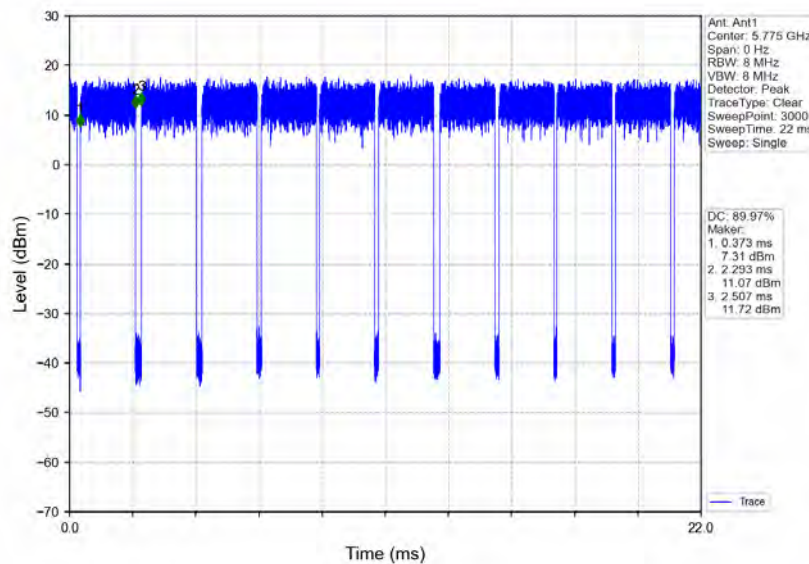
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802.11ac(VHT80)_MCH_5210MHz_Ant1_NTNV



802.11ac(VHT80)_MCH_5775MHz_Ant1_NTNV



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2. Bandwidth

2.1 OBW

2.1.1 Test Result

Mode	TX Type	Frequency (MHz)	Ant	99% Occupied Bandwidth (MHz)	Verdict
				Result	
802.11a	SISO	5180	1	16.711	Pass
			2	16.646	Pass
		5200	1	16.680	Pass
			2	16.683	Pass
		5240	1	16.646	Pass
			2	16.703	Pass
		5745	1	16.683	Pass
			2	16.633	Pass
		5785	1	16.670	Pass
			2	16.636	Pass
		5825	1	16.709	Pass
			2	16.657	Pass
802.11n (HT20)	MIMO	5180	1	17.733	Pass
			2	17.776	Pass
		5200	1	17.771	Pass
			2	17.788	Pass
		5240	1	17.763	Pass
			2	17.756	Pass
		5745	1	17.774	Pass
			2	17.773	Pass
		5785	1	17.774	Pass
			2	17.747	Pass
		5825	1	17.733	Pass
			2	17.784	Pass
802.11n (HT40)	MIMO	5190	1	36.441	Pass
			2	36.354	Pass
		5230	1	36.364	Pass
			2	36.346	Pass
		5755	1	36.561	Pass
			2	36.432	Pass
		5795	1	36.423	Pass
			2	36.538	Pass
802.11ac (VHT20)	MIMO	5180	1	17.779	Pass
			2	17.776	Pass
		5200	1	17.782	Pass
			2	17.780	Pass
		5240	1	17.733	Pass
			2	17.832	Pass
		5745	1	17.757	Pass
			2	17.773	Pass



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		5785	1	17.765	Pass
			2	17.743	Pass
		5825	1	17.739	Pass
			2	17.764	Pass
802.11ac (VHT40)	MIMO	5190	1	36.275	Pass
			2	36.331	Pass
		5230	1	36.277	Pass
			2	36.505	Pass
		5755	1	36.221	Pass
			2	36.343	Pass
		5795	1	36.335	Pass
			2	36.517	Pass
802.11ac (VHT80)	MIMO	5210	1	75.280	Pass
			2	75.186	Pass
		5775	1	74.982	Pass
			2	74.885	Pass



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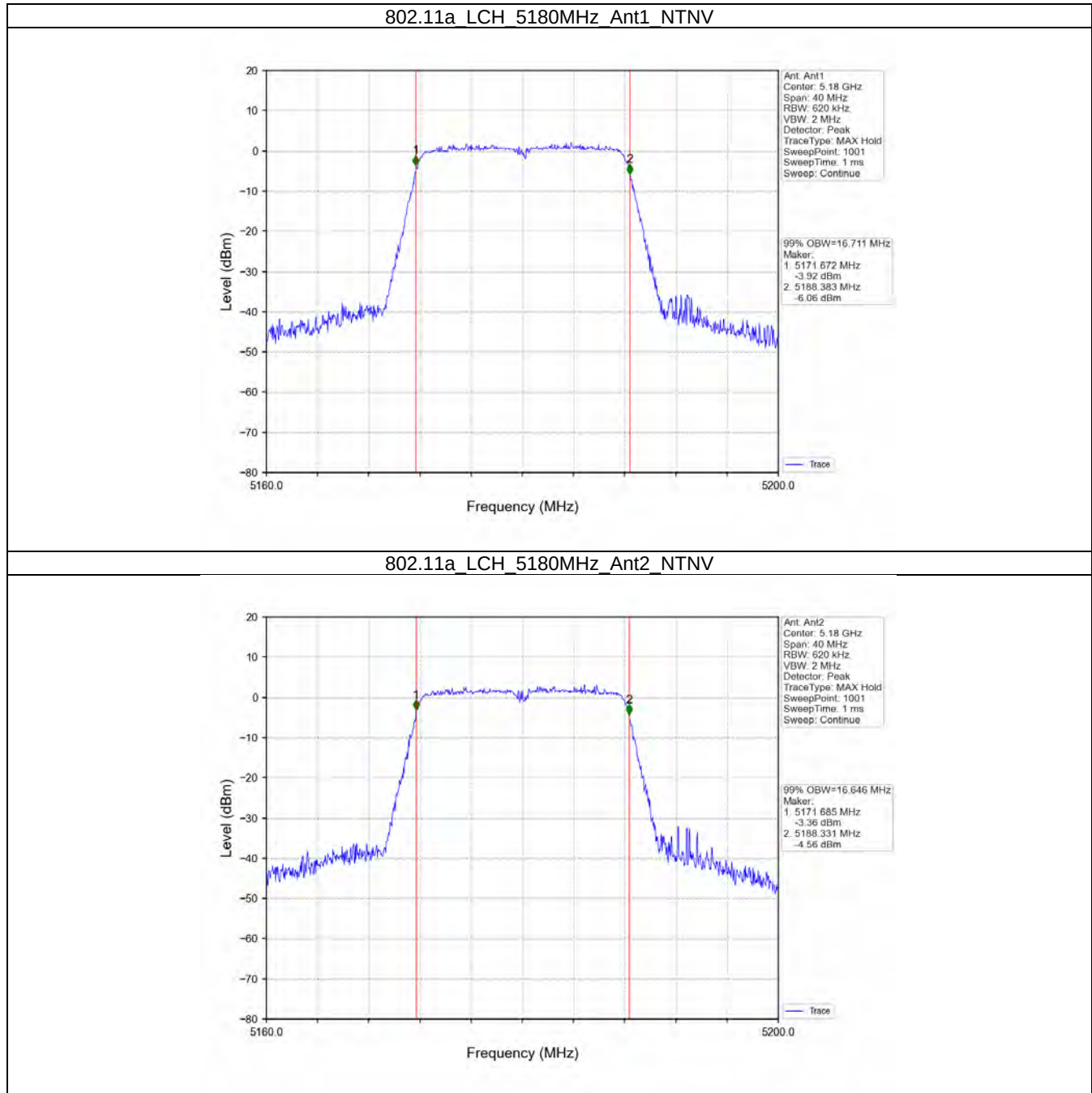
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2.1.2 Test Graph

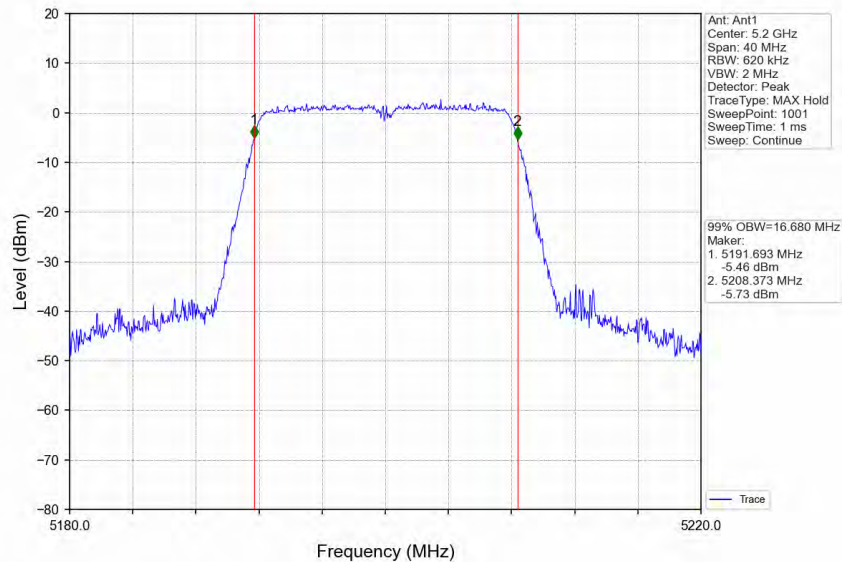


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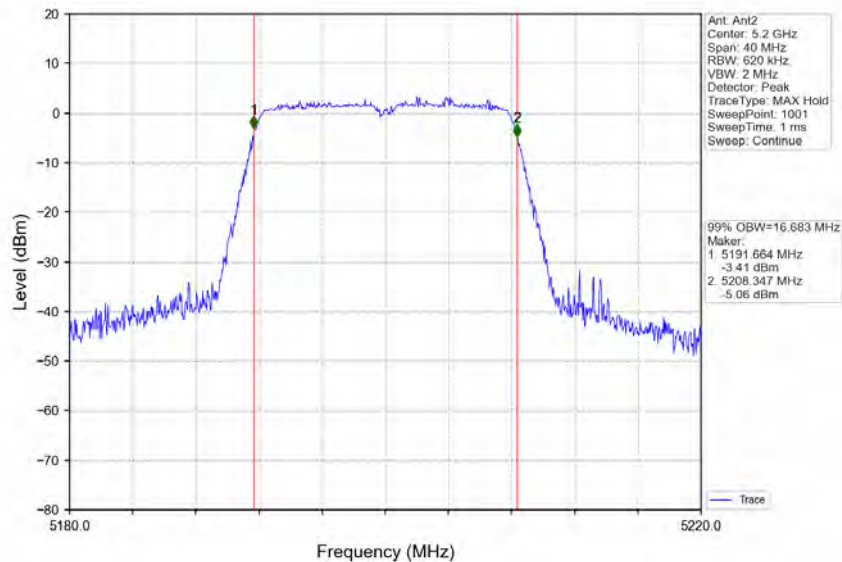
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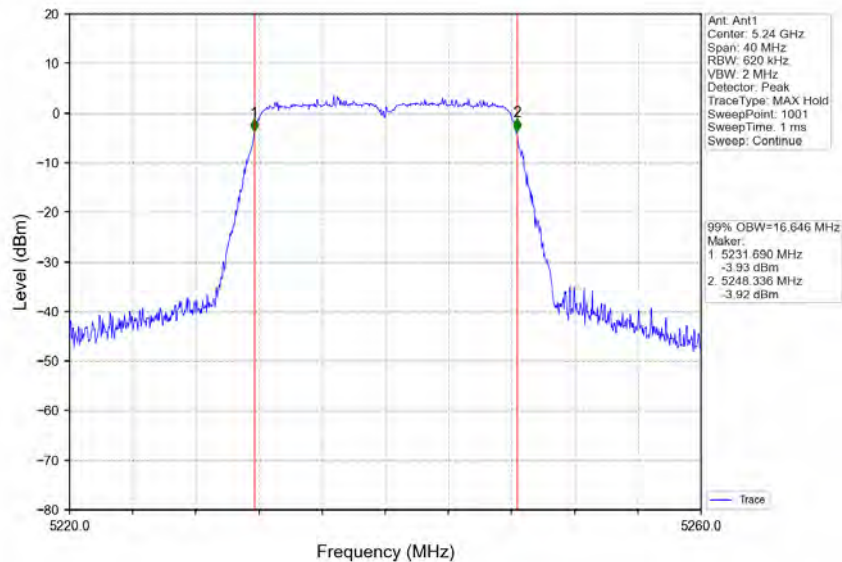
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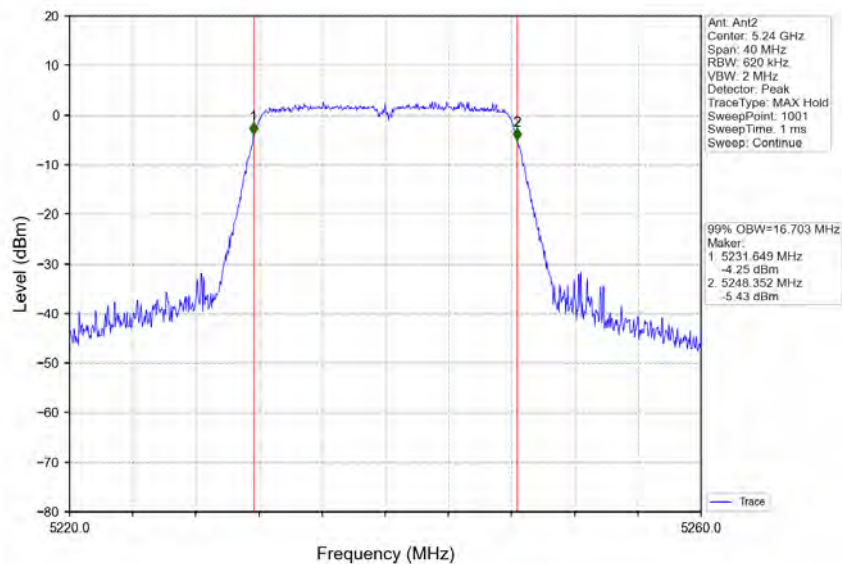
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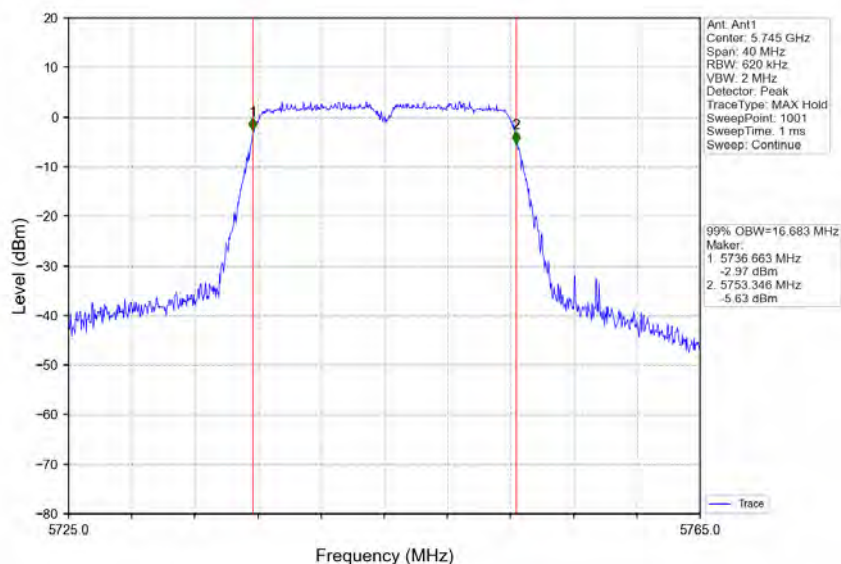
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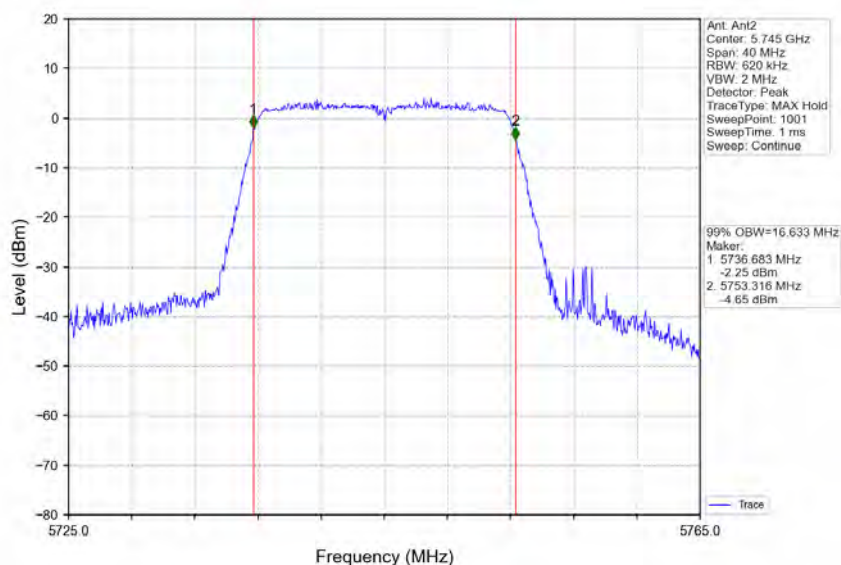
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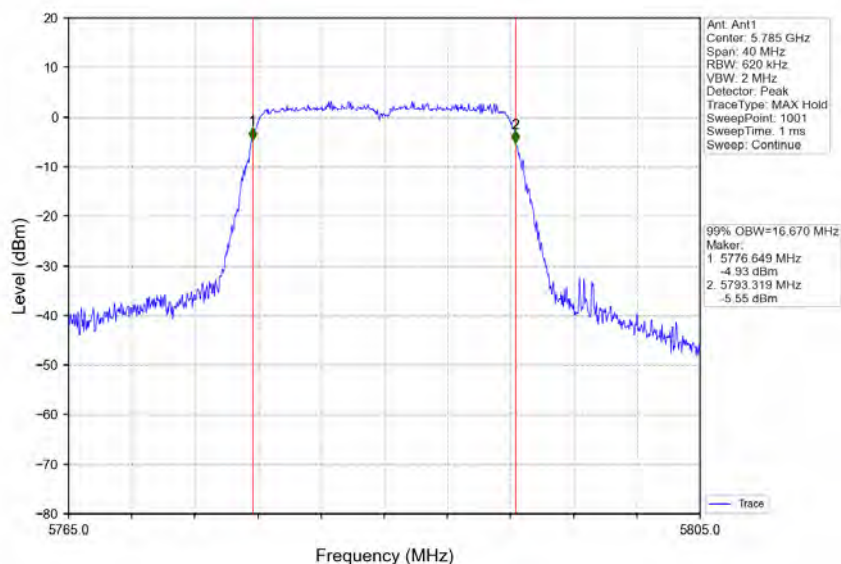
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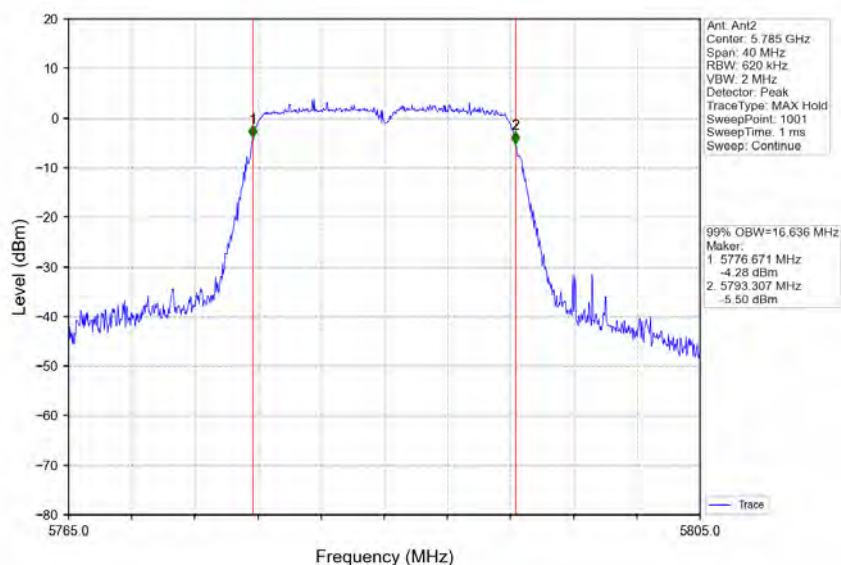
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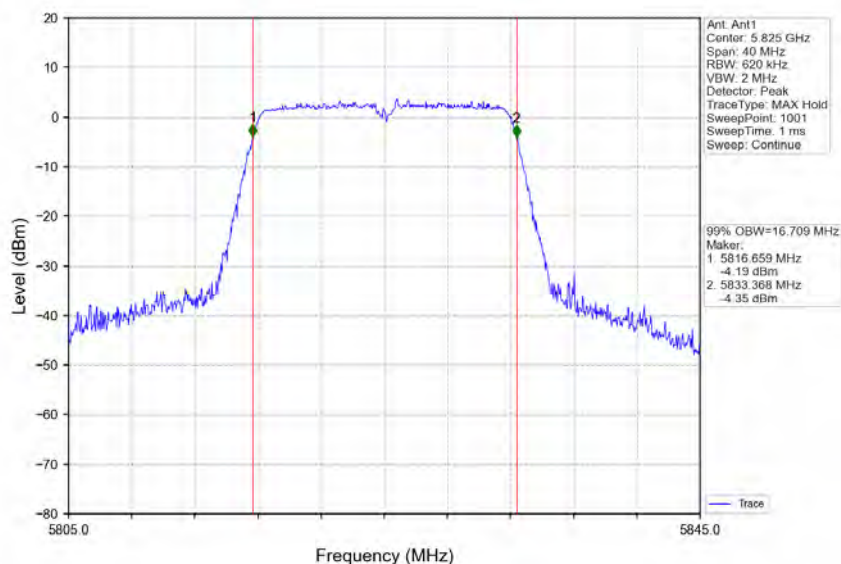
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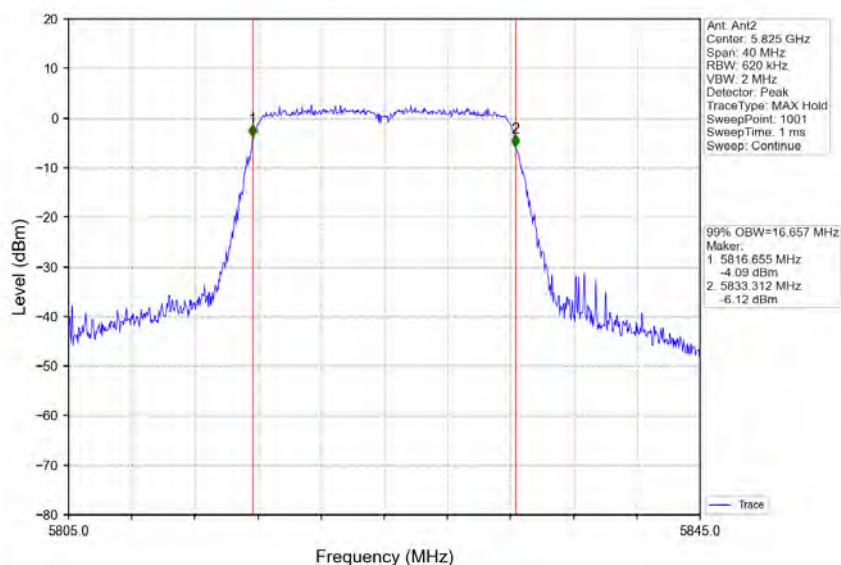
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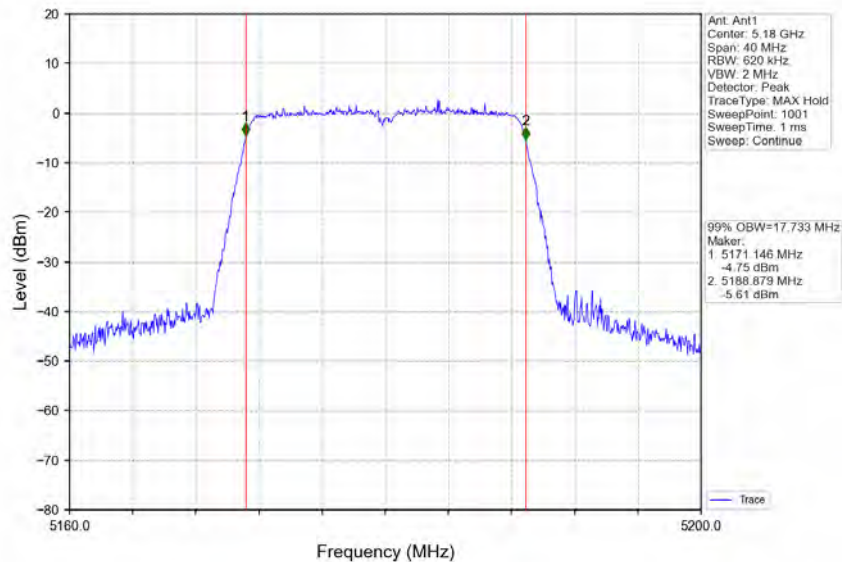
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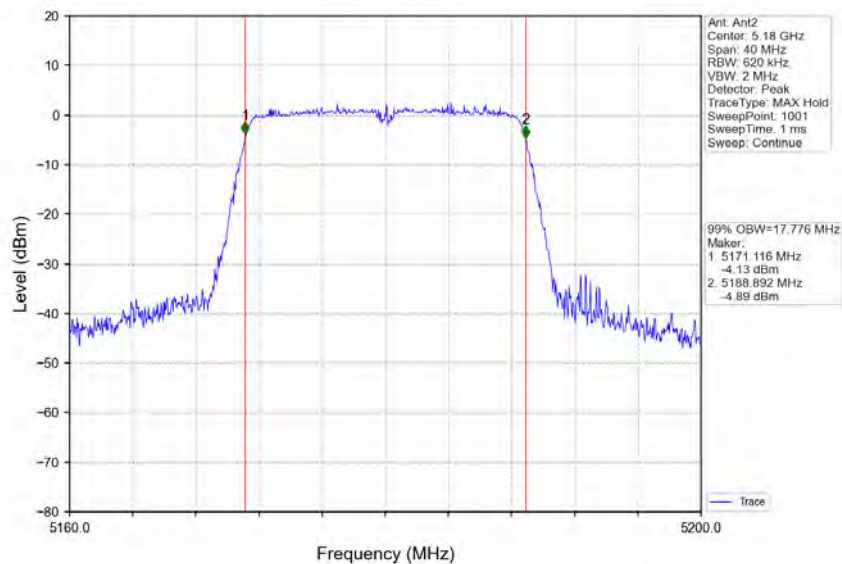
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802.11n(HT20) LCH 5180MHz Ant1 NTN



802.11n(HT20) LCH 5180MHz Ant2 NTN



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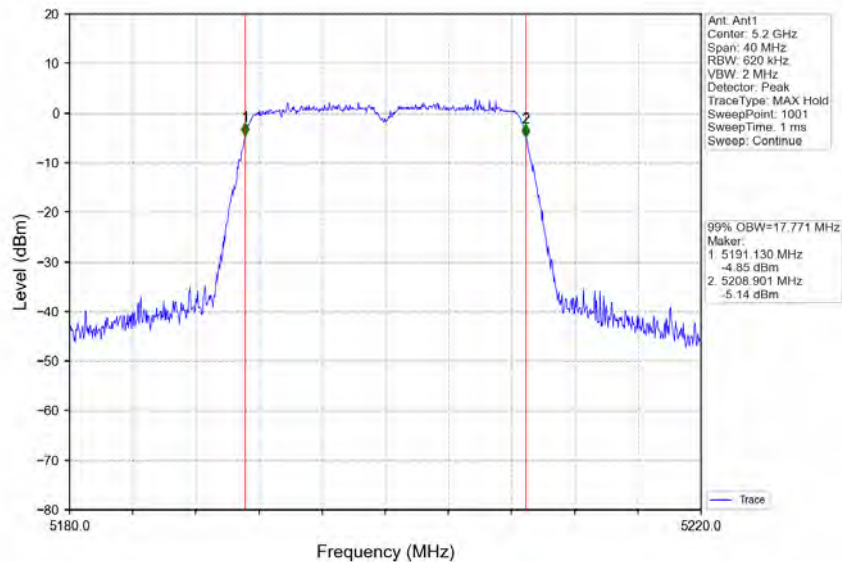
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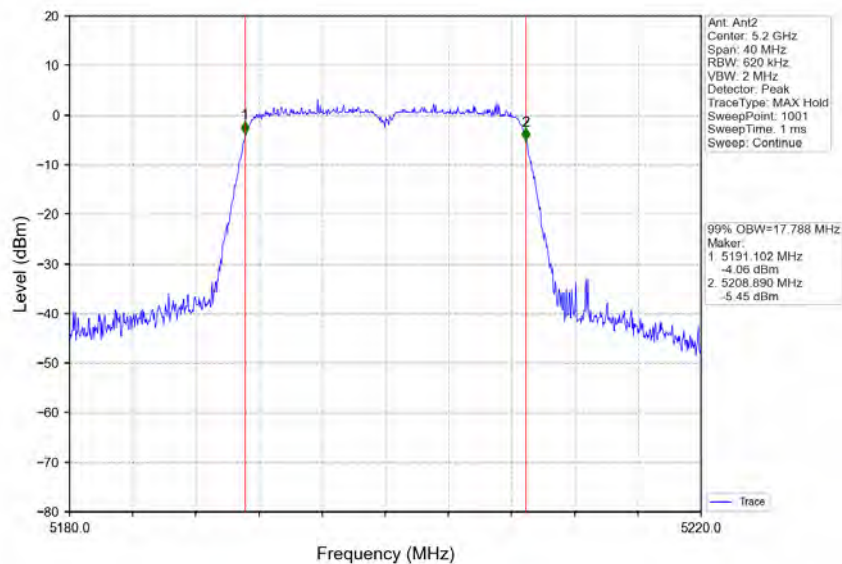
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802.11n(HT20)_MCH_5200MHz_Ant1_NTNV



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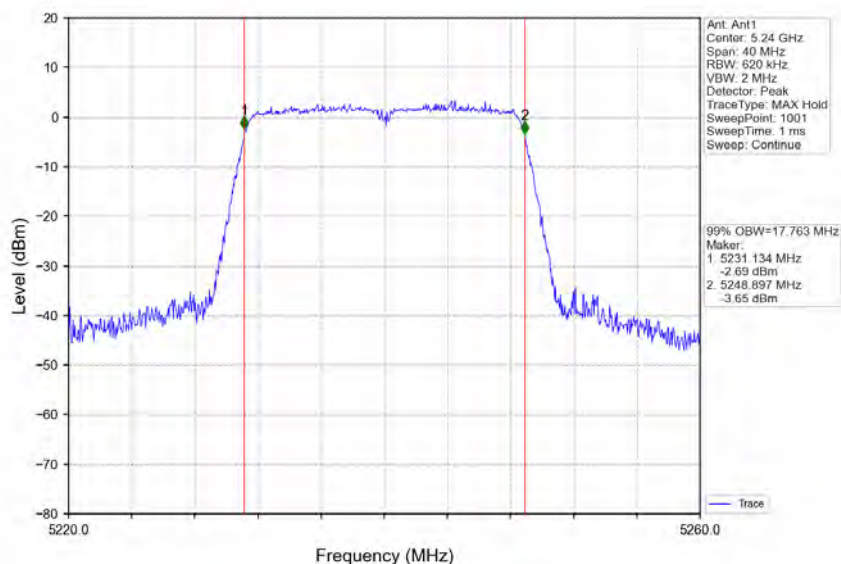
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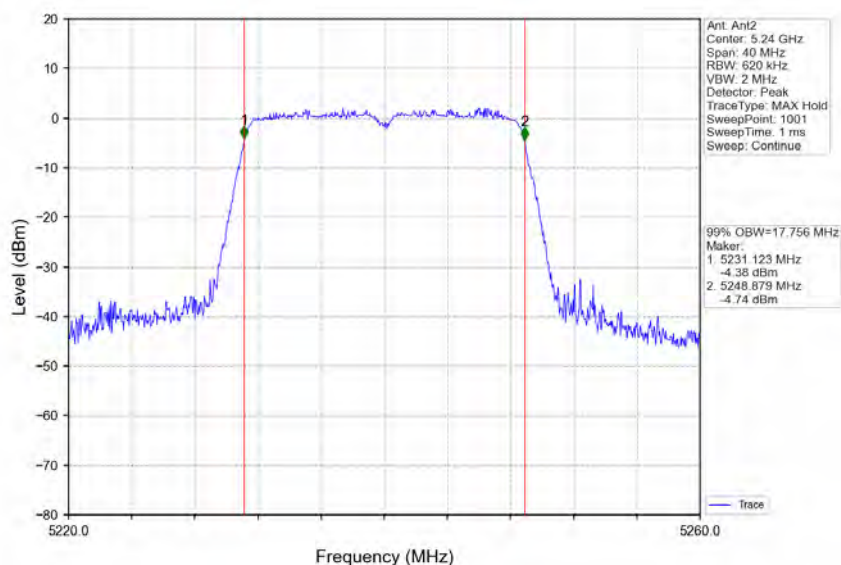
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802.11n(HT20)_HCH_5240MHz_Ant1_NTNV



802.11n(HT20)_HCH_5240MHz_Ant2_NTNV



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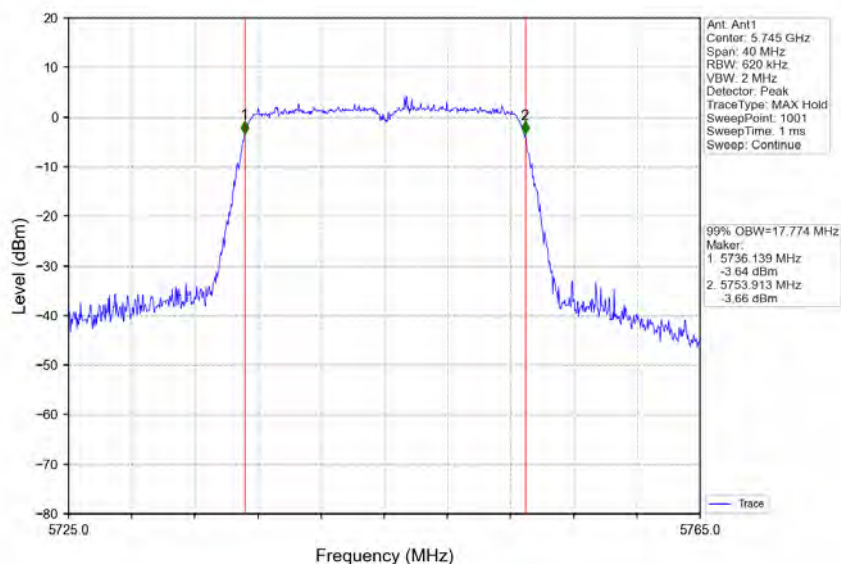
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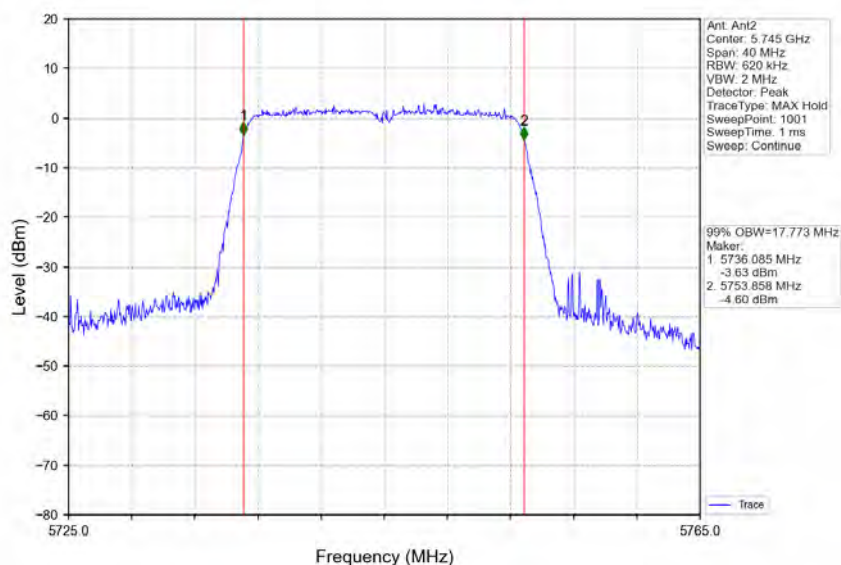
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802.11n(HT20) LCH 5745MHz Ant1 NTN



802.11n(HT20) LCH 5745MHz Ant2 NTN



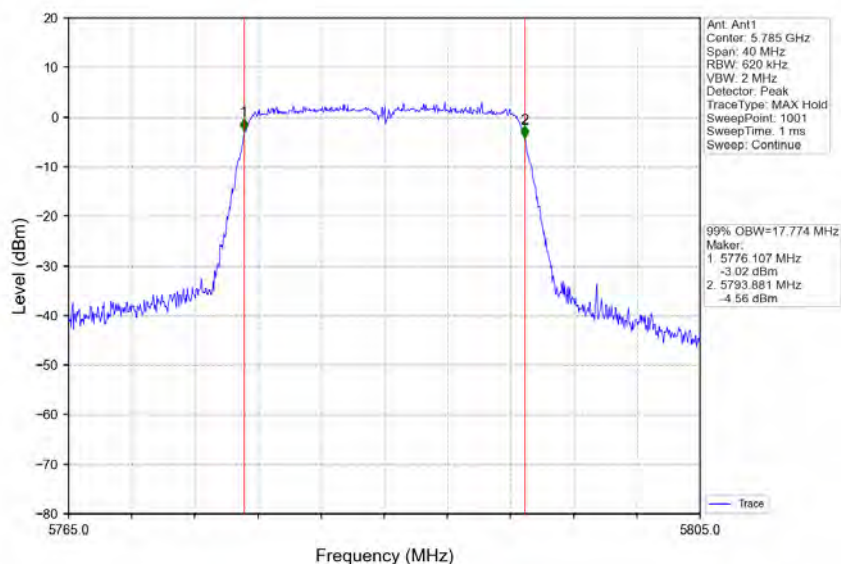
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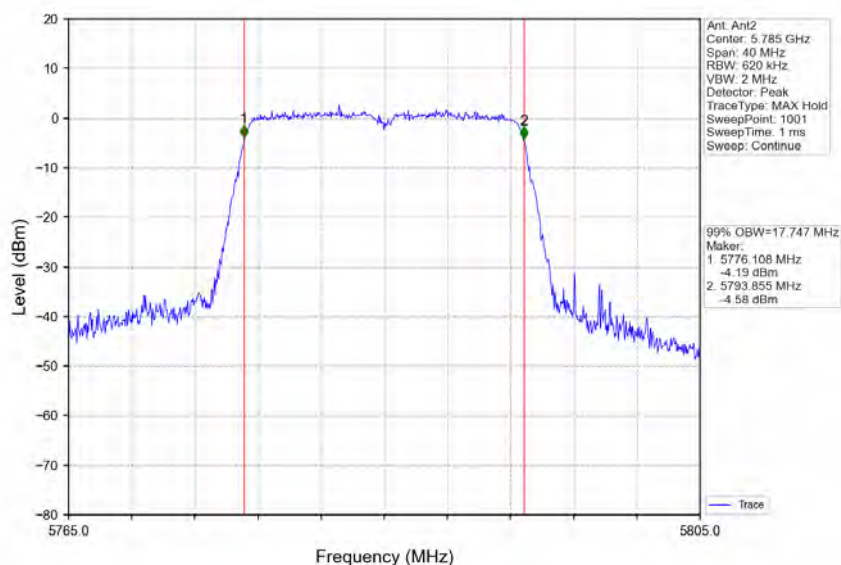
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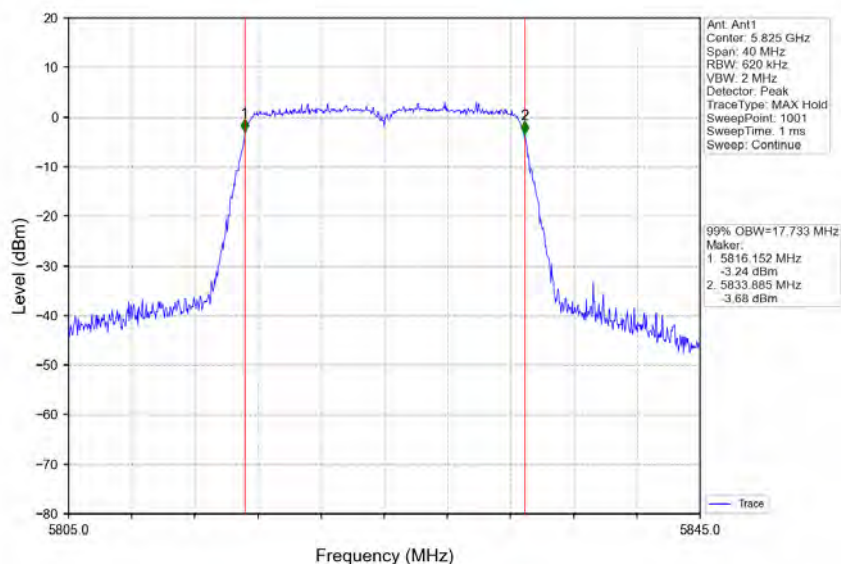
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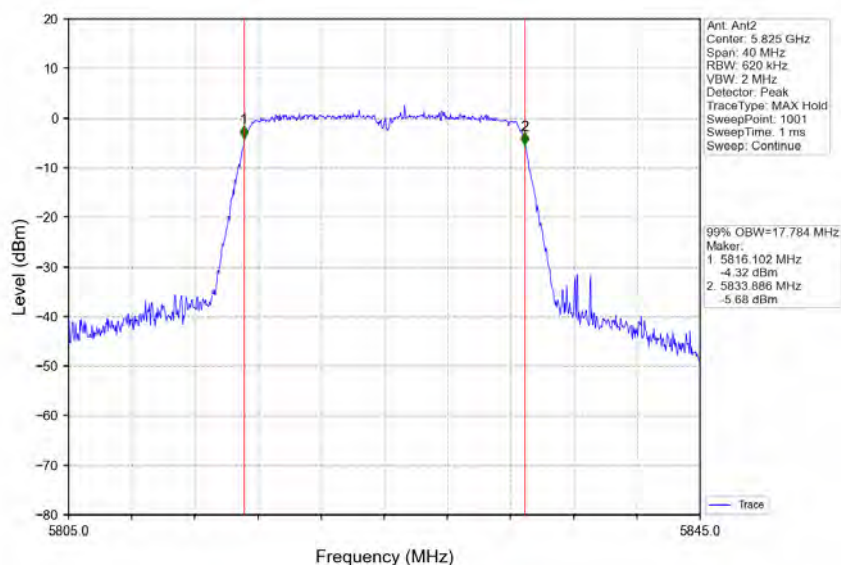
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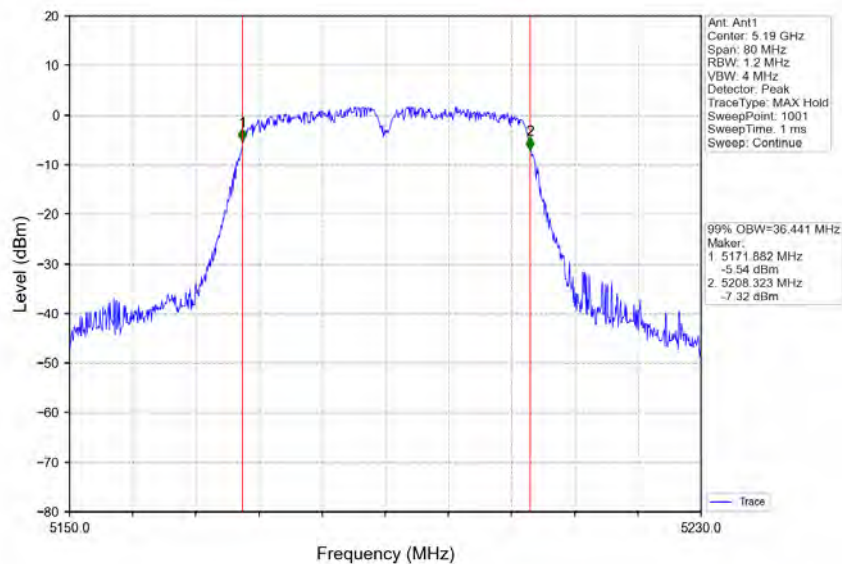
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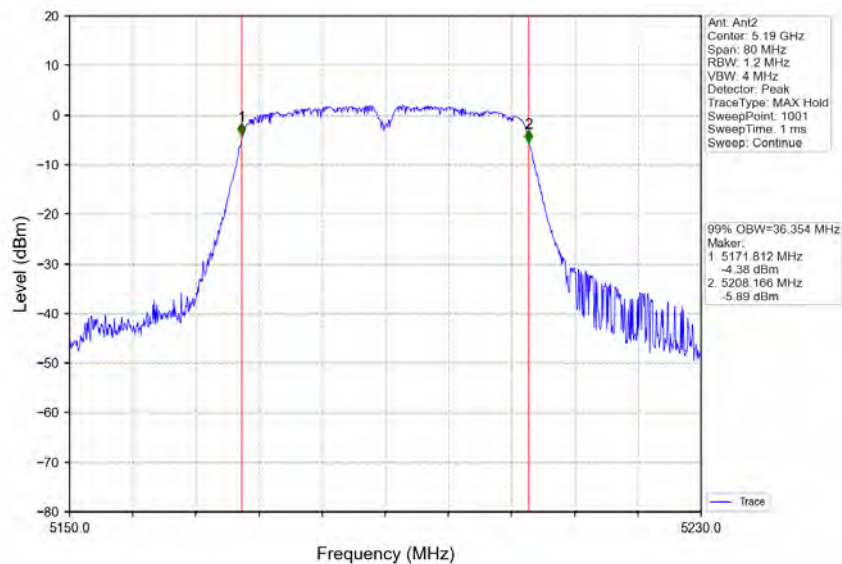
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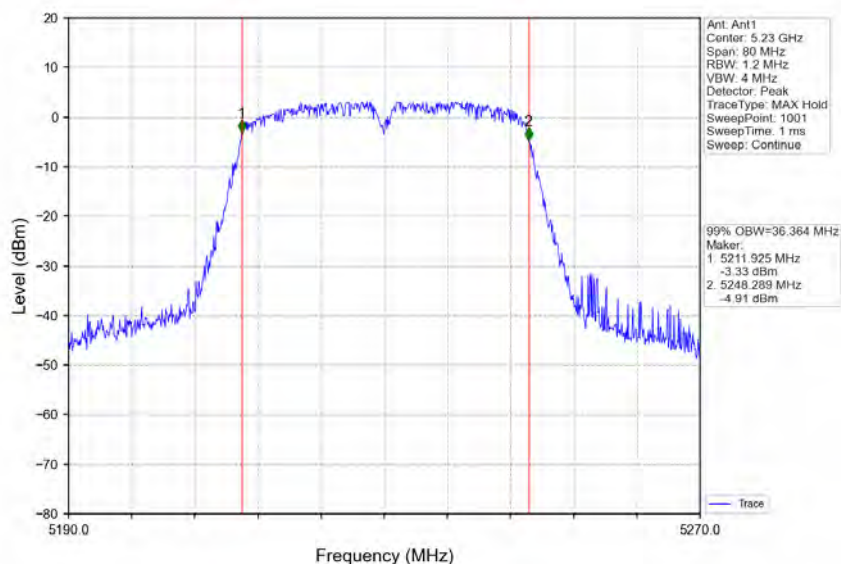
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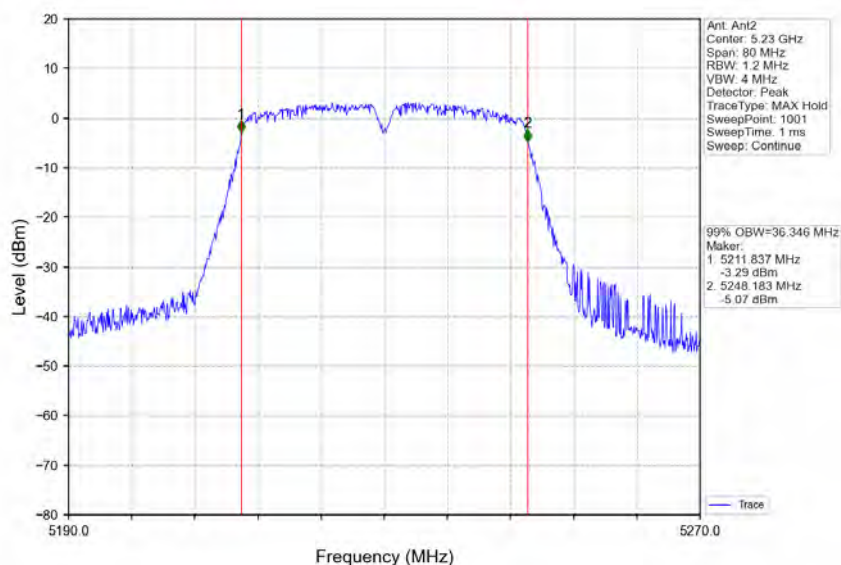
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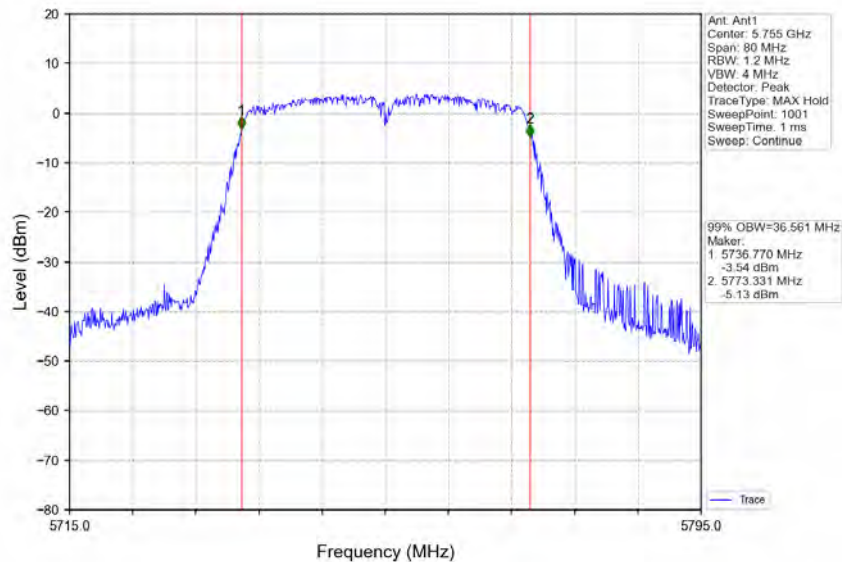
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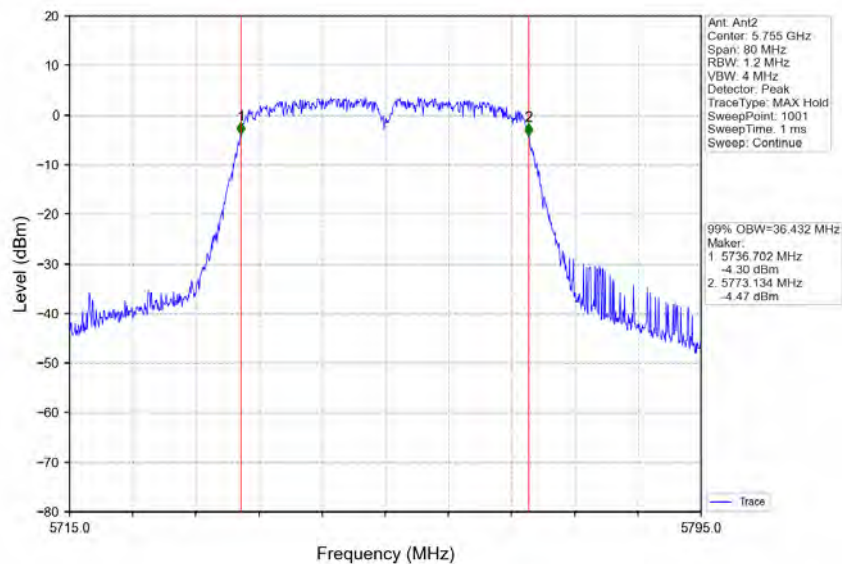
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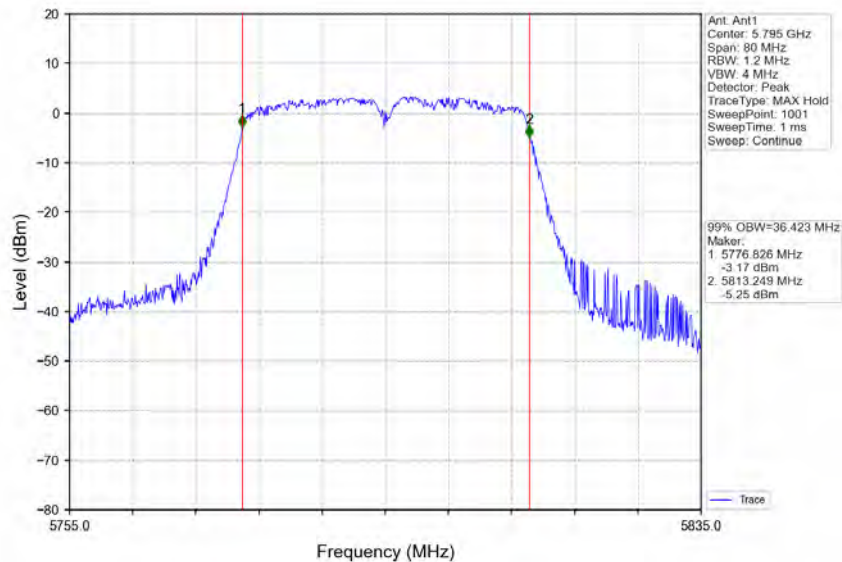
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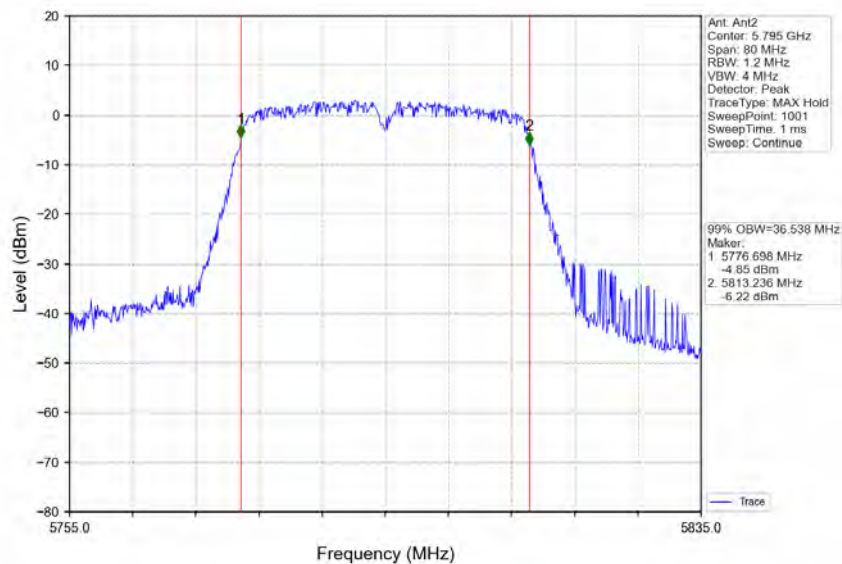
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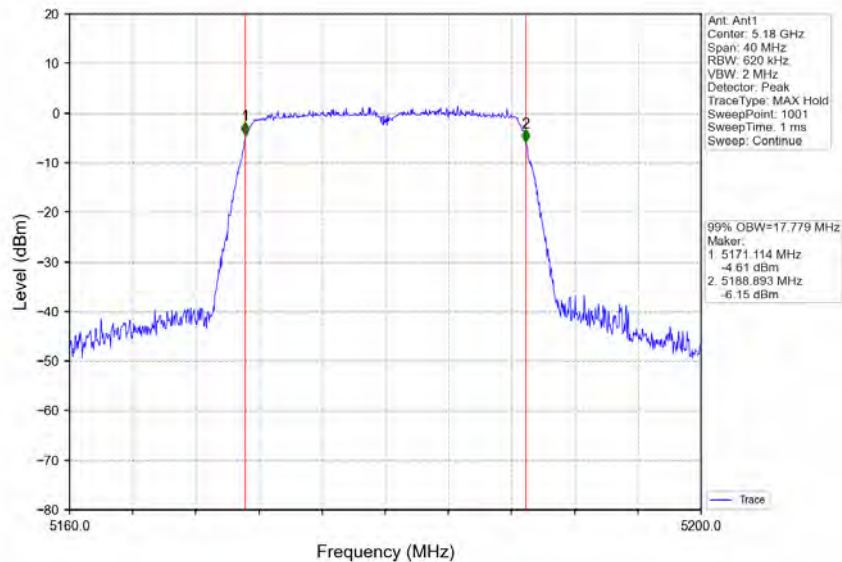
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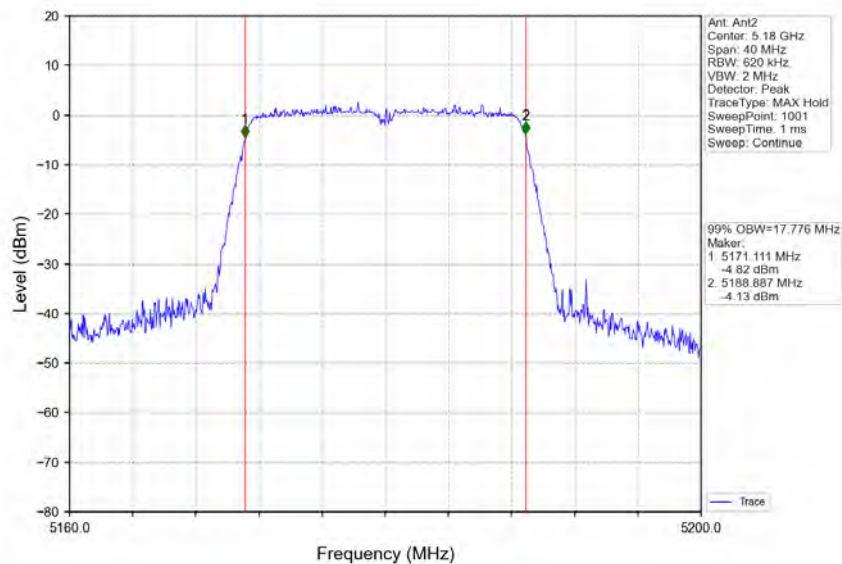
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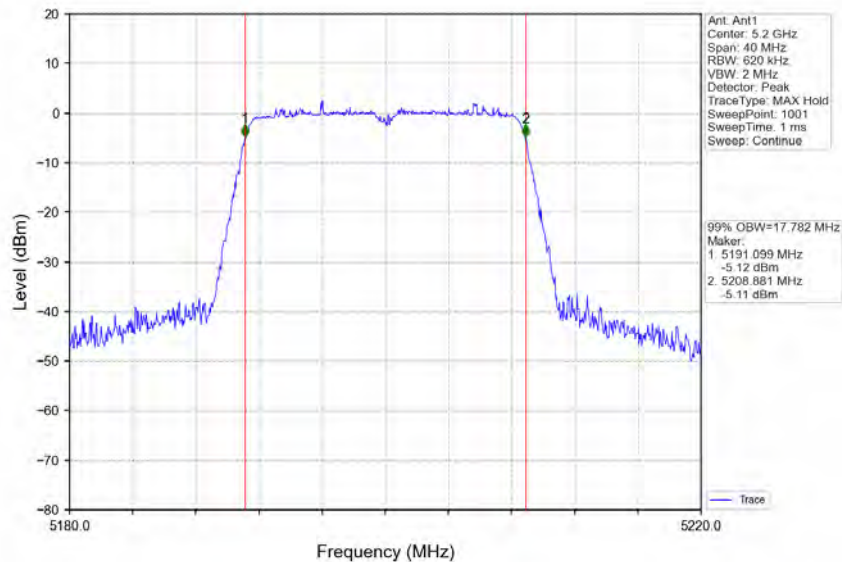
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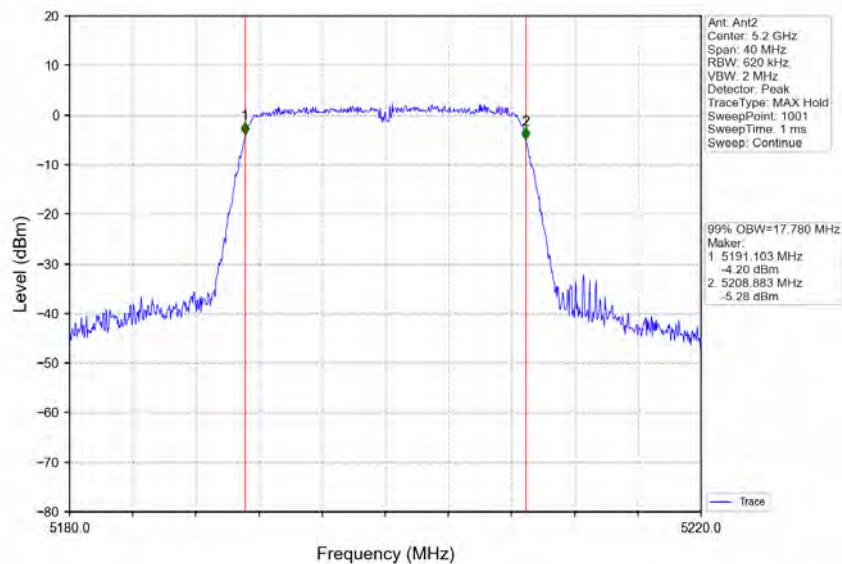
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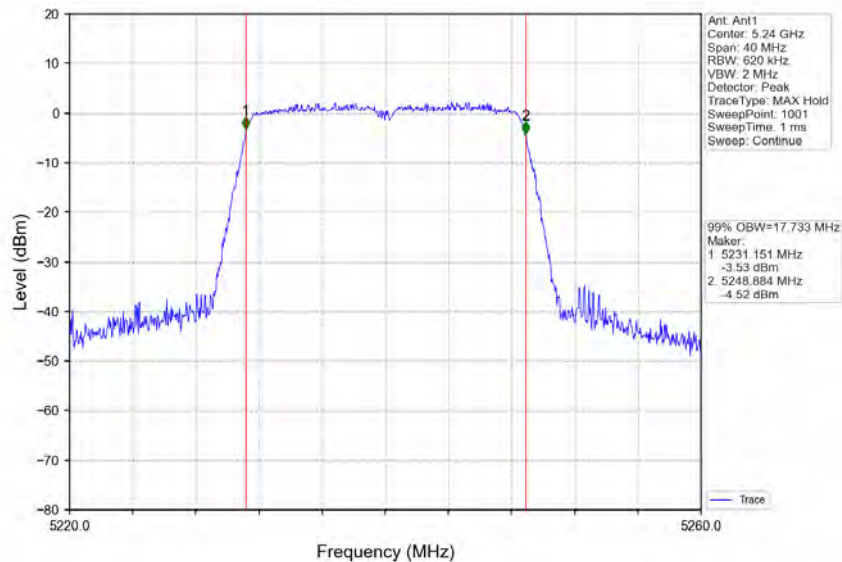
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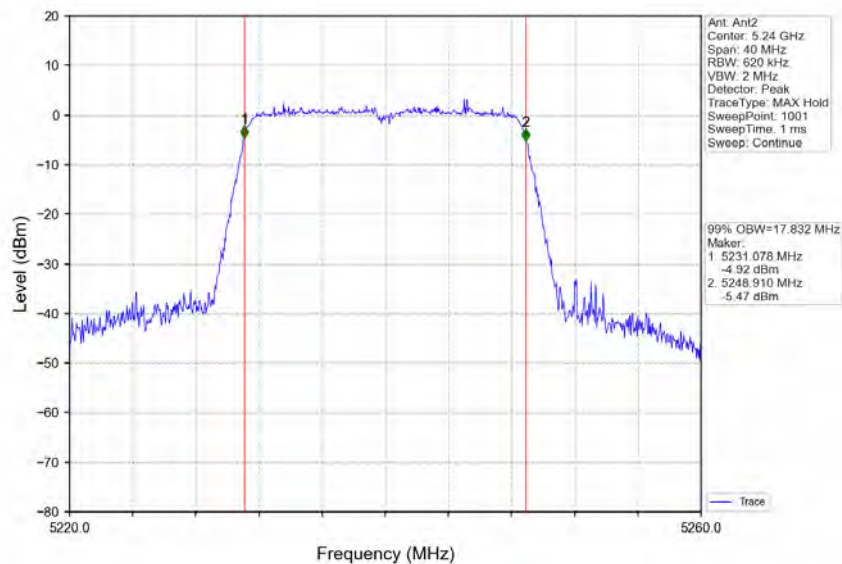
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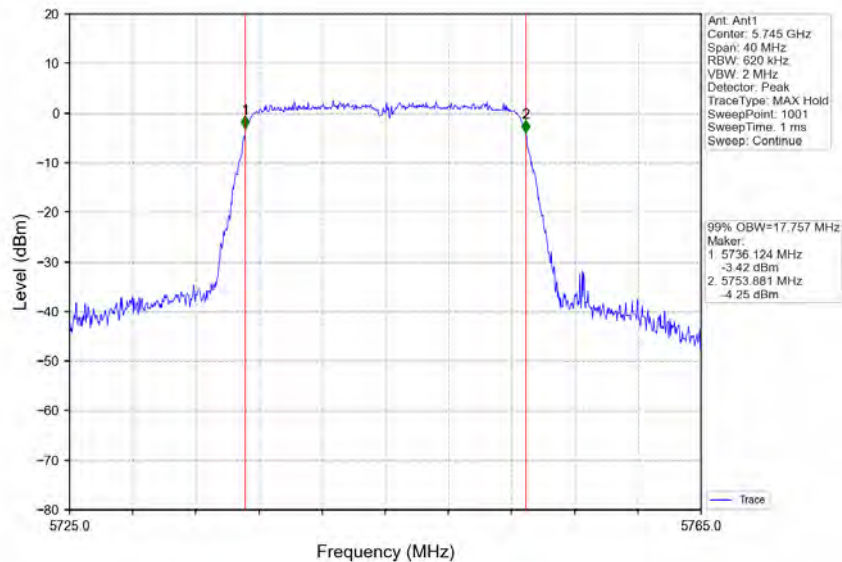
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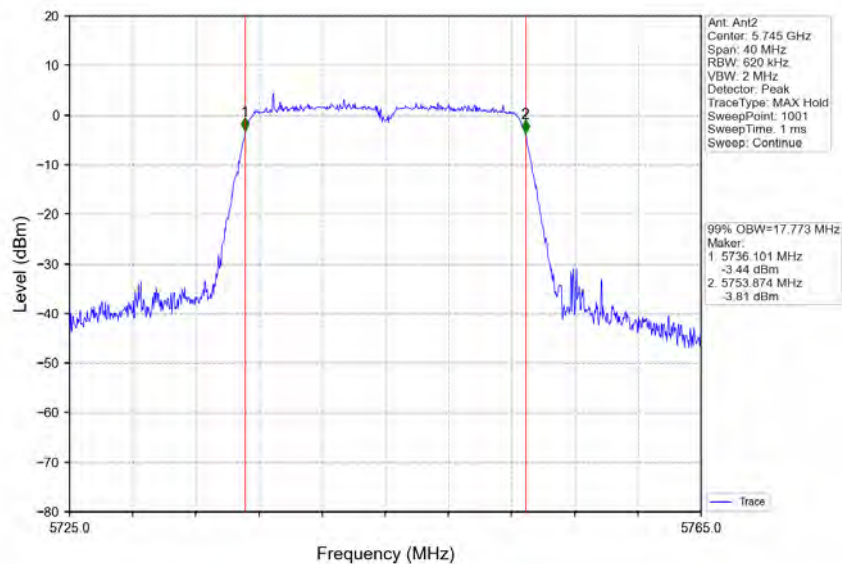
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802.11ac(VHT20) LCH 5745MHz Ant1 NTN



802.11ac(VHT20) LCH 5745MHz Ant2 NTN



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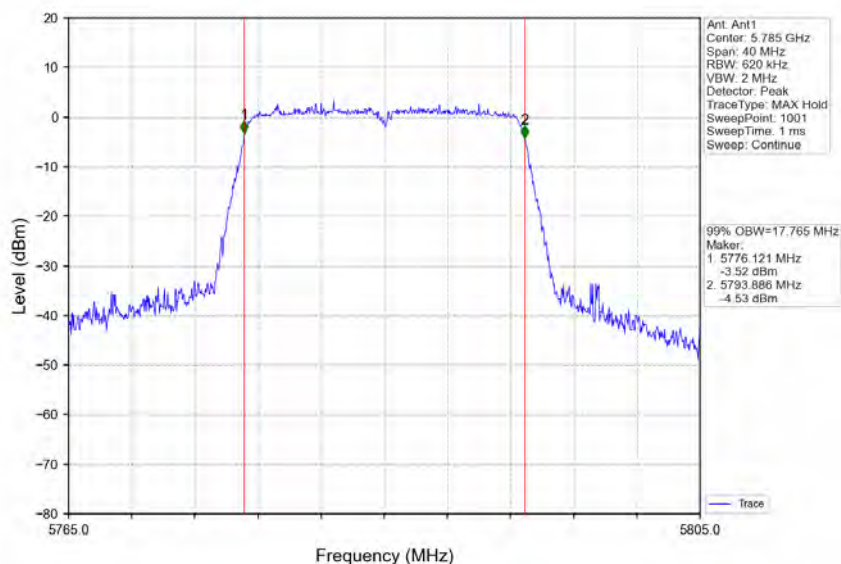
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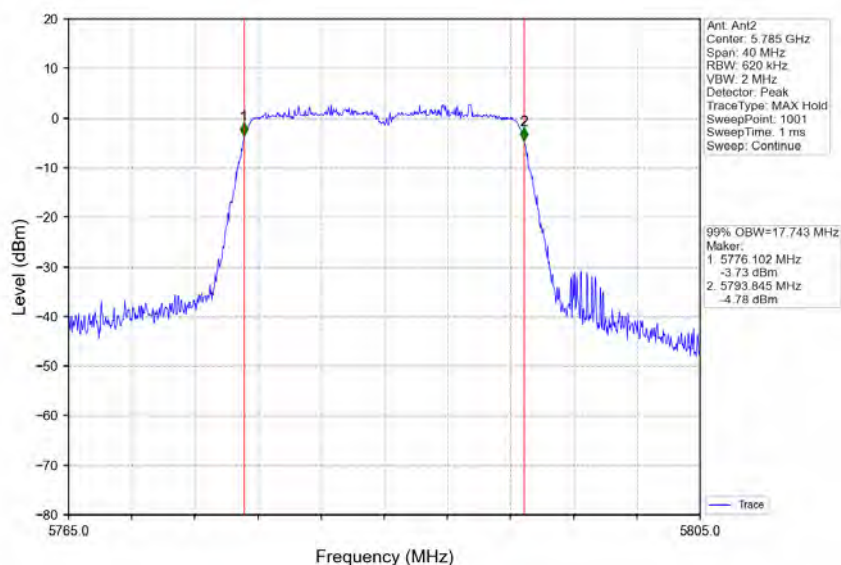
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802.11ac(VHT20)_MCH_5785MHz_Ant1_NTNV



802.11ac(VHT20)_MCH_5785MHz_Ant2_NTNV



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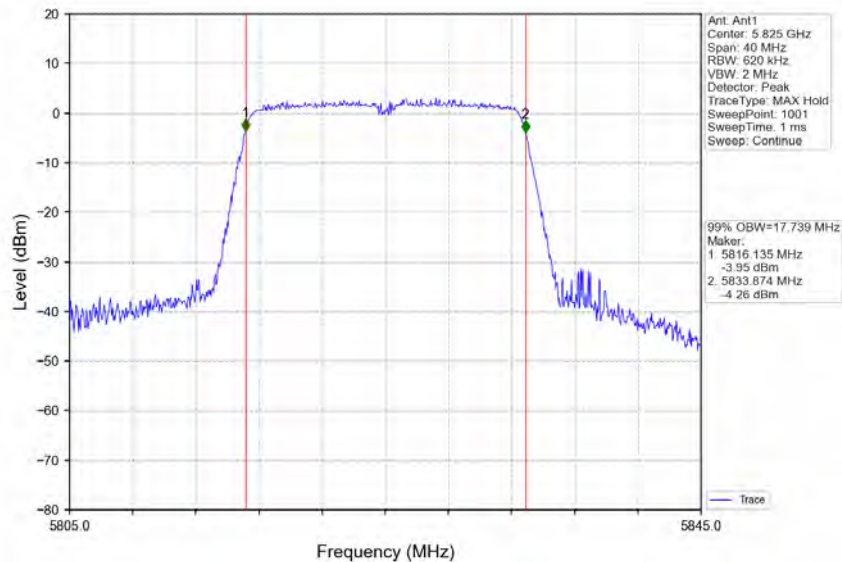
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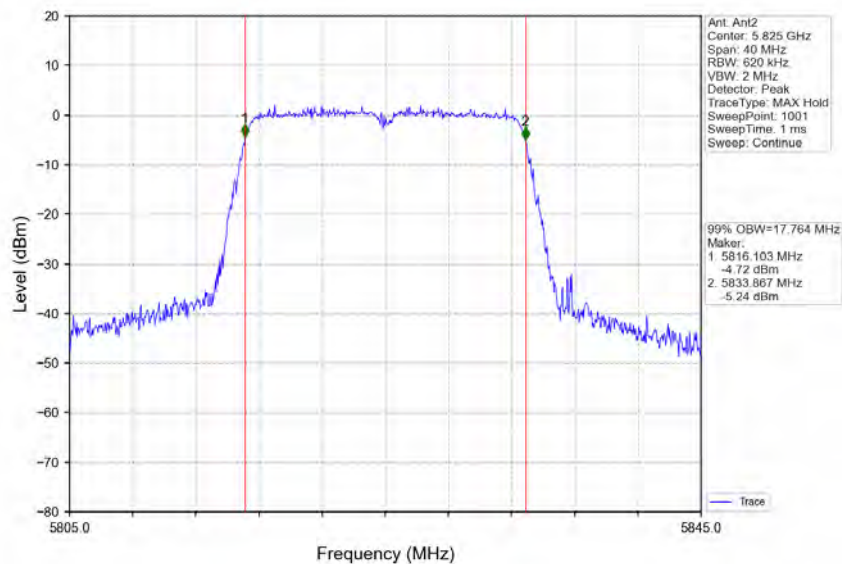
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802.11ac(VHT20)_HCH_5825MHz_Ant1_NTNV



802.11ac(VHT20)_HCH_5825MHz_Ant2_NTNV



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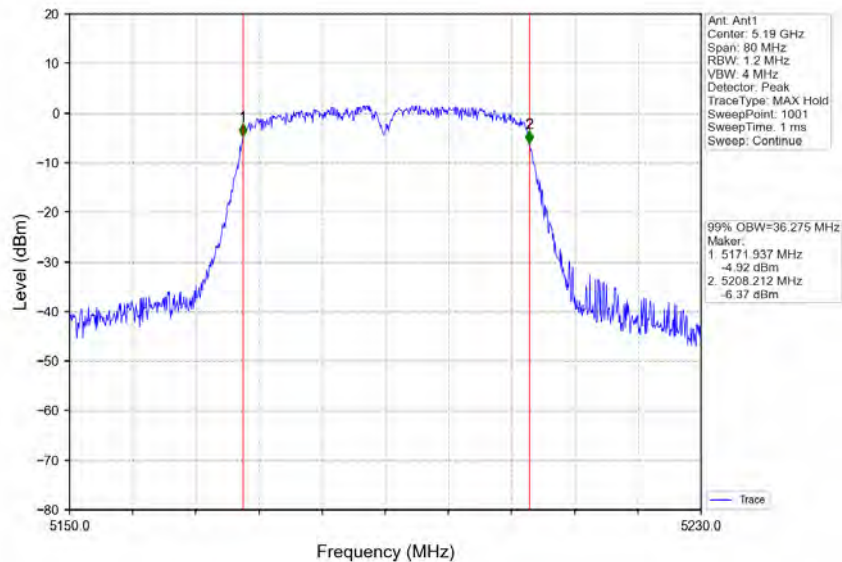
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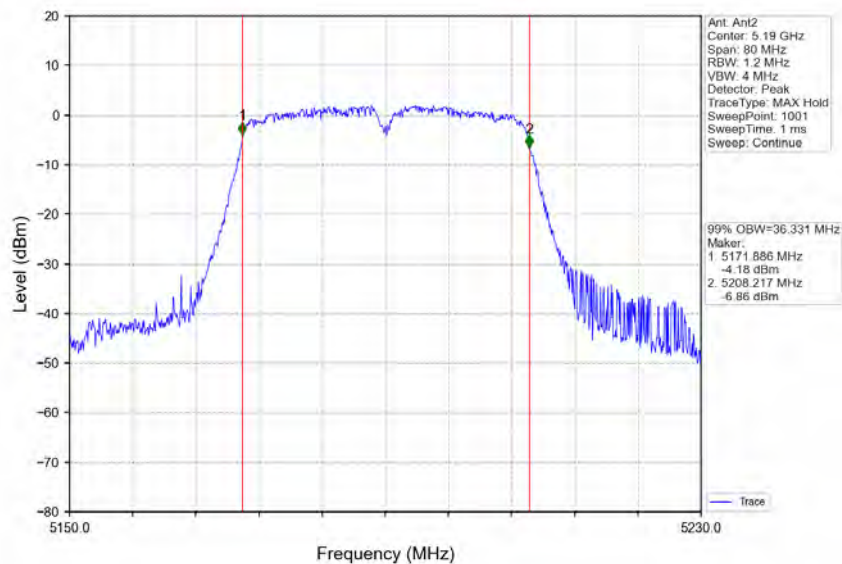
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802.11ac(VHT40)_LCH_5190MHz_Ant1_NTNV



802.11ac(VHT40)_LCH_5190MHz_Ant2_NTNV



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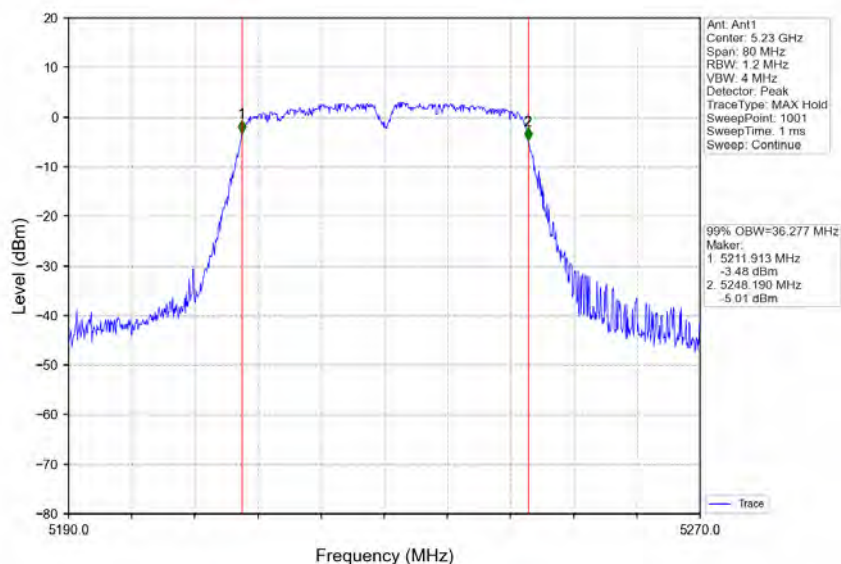
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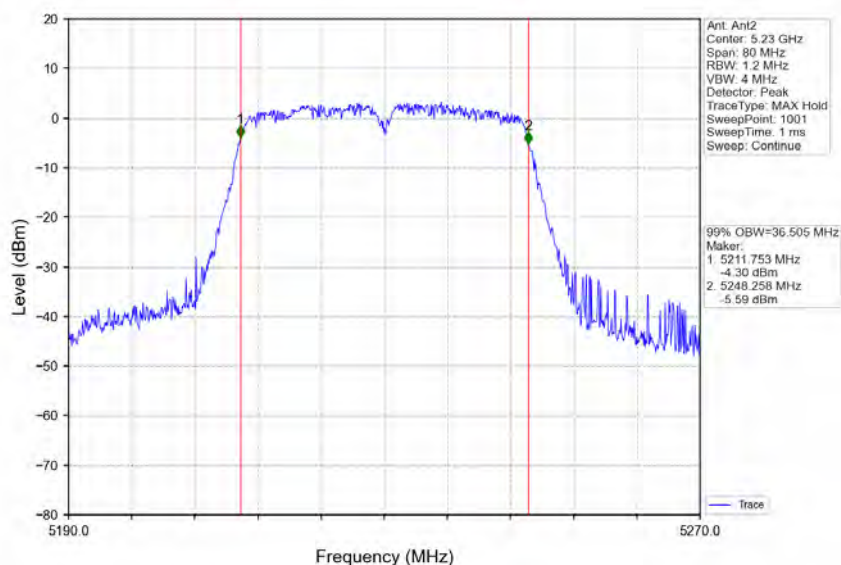
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802.11ac(VHT40)_HCH_5230MHz_Ant1_NTNV



802.11ac(VHT40)_HCH_5230MHz_Ant2_NTNV



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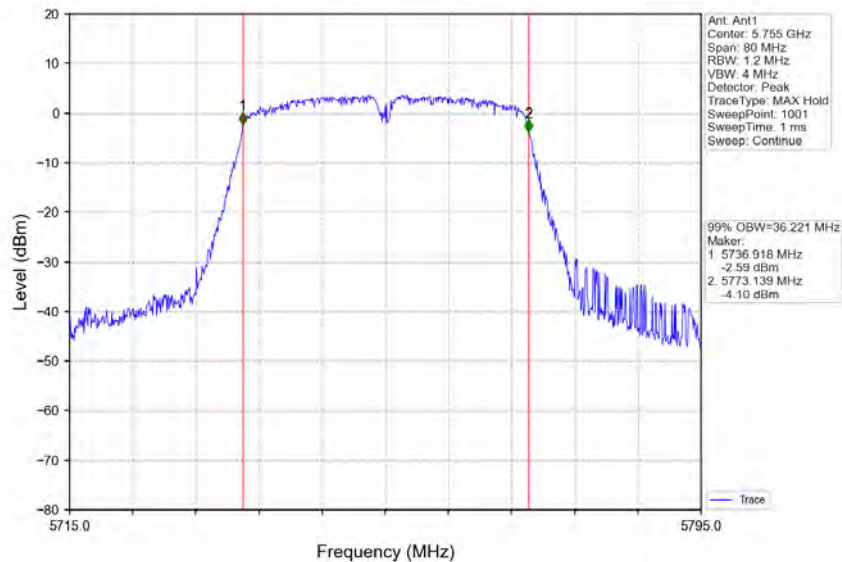
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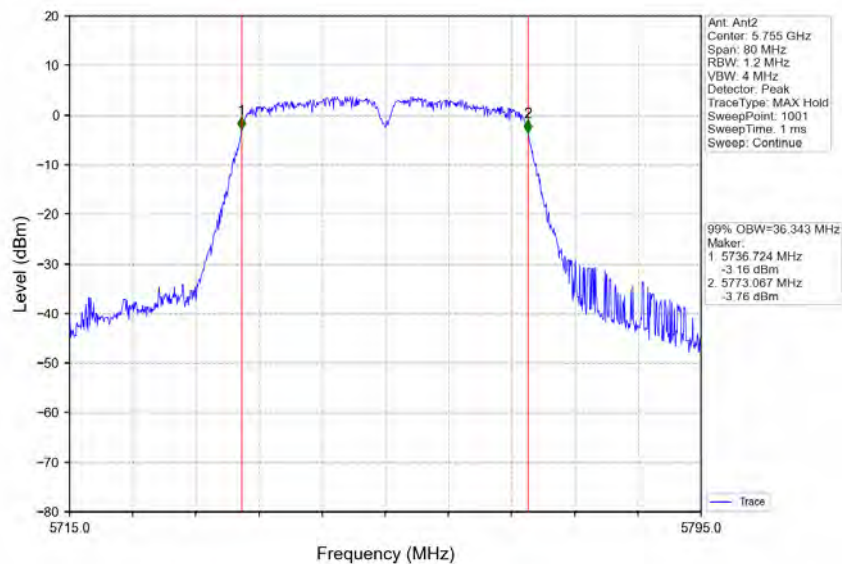
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802.11ac(VHT40) LCH 5755MHz Ant1 NTN



802.11ac(VHT40) LCH 5755MHz Ant2 NTN



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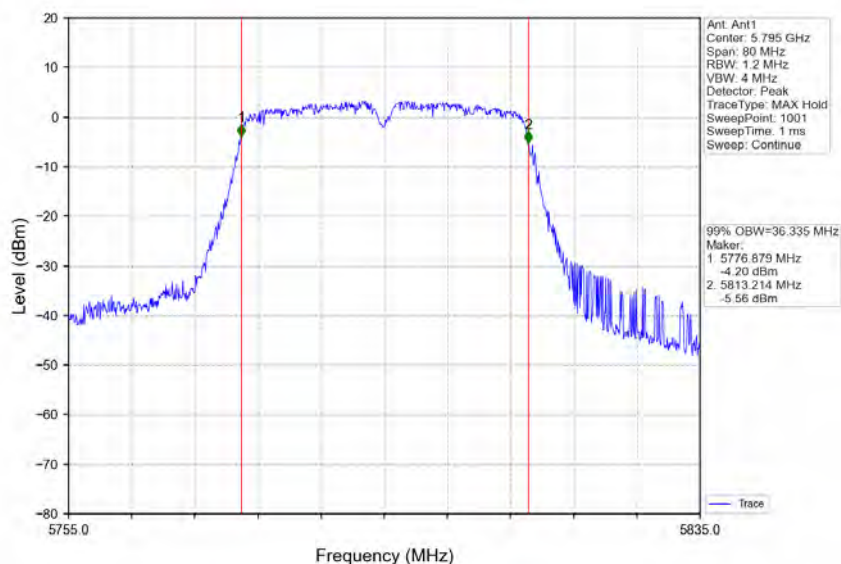
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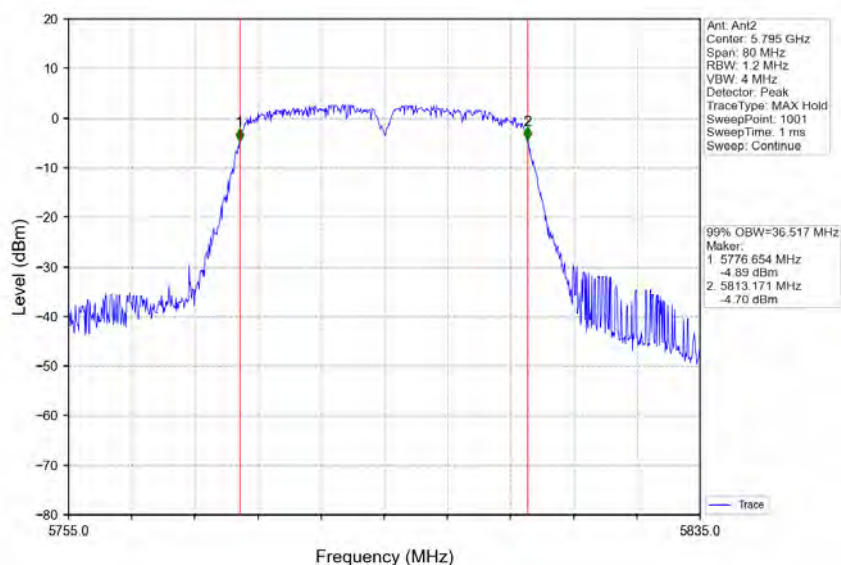
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802.11ac(VHT40)_HCH_5795MHz_Ant1_NTNV



802.11ac(VHT40)_HCH_5795MHz_Ant2_NTNV



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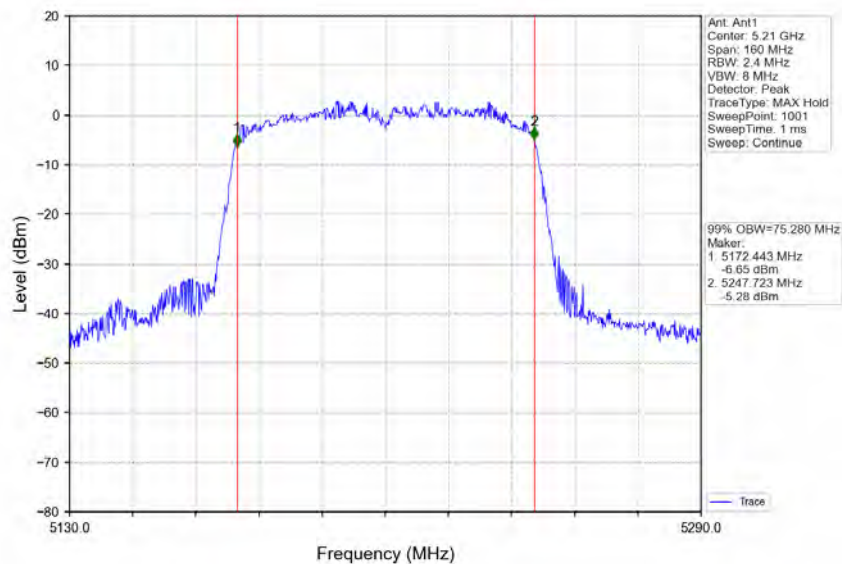
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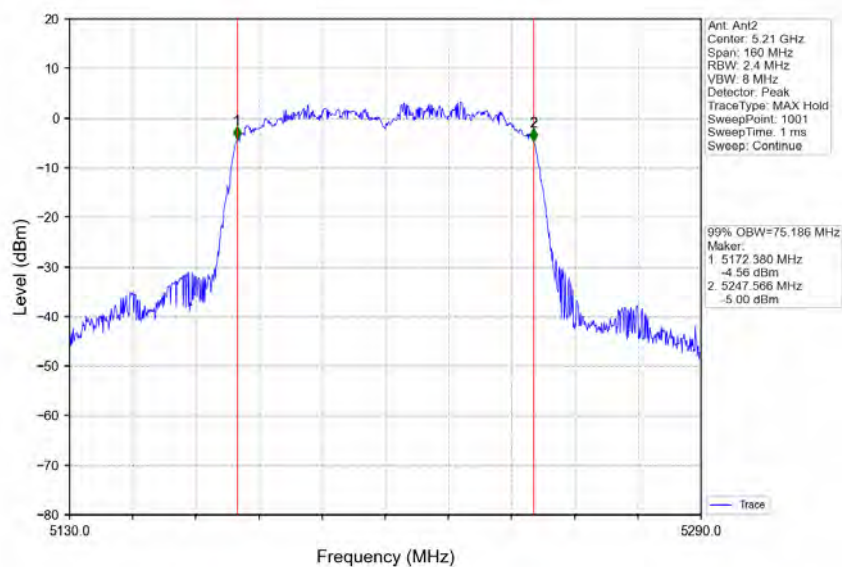
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802.11ac(VHT80)_MCH_5210MHz_Ant1_NTNV



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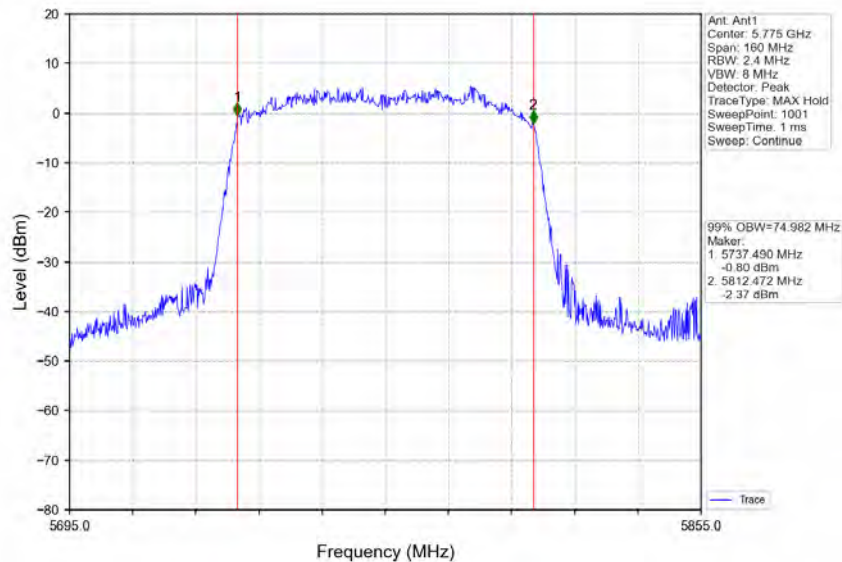
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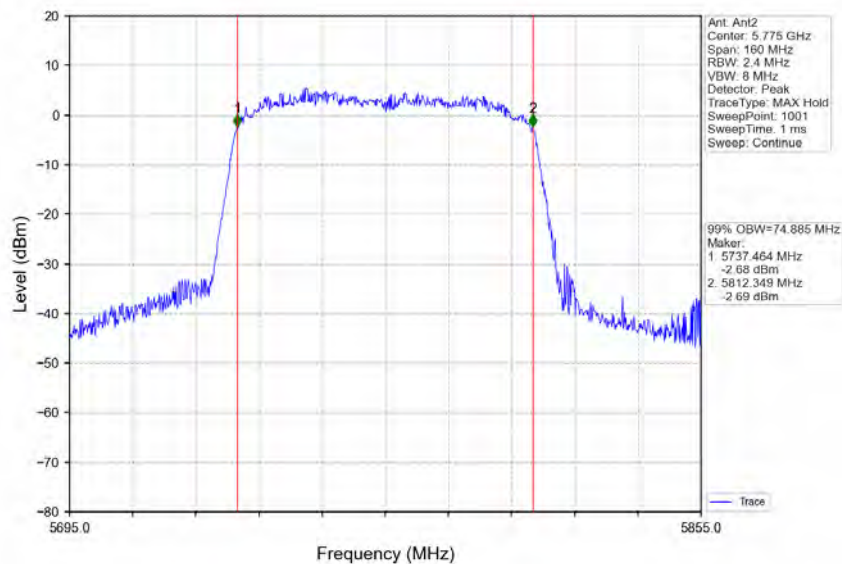
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2.2 6dB BW

2.2.1 Test Result

Mode	TX Type	Frequency (MHz)	Ant	6dB Bandwidth (MHz)		Verdict
				Result	Limit	
802.11a	SISO	5745	1	16.379	≥ 0.5	Pass
			2	16.340	≥ 0.5	Pass
		5785	1	16.352	≥ 0.5	Pass
			2	16.348	≥ 0.5	Pass
		5825	1	16.336	≥ 0.5	Pass
			2	16.341	≥ 0.5	Pass
802.11n (HT20)	MIMO	5745	1	17.579	≥ 0.5	Pass
			2	17.598	≥ 0.5	Pass
		5785	1	17.535	≥ 0.5	Pass
			2	17.561	≥ 0.5	Pass
		5825	1	17.549	≥ 0.5	Pass
			2	17.561	≥ 0.5	Pass
802.11n (HT40)	MIMO	5755	1	33.948	≥ 0.5	Pass
			2	35.085	≥ 0.5	Pass
		5795	1	35.163	≥ 0.5	Pass
			2	35.124	≥ 0.5	Pass
802.11ac (VHT20)	MIMO	5745	1	17.539	≥ 0.5	Pass
			2	17.595	≥ 0.5	Pass
		5785	1	17.548	≥ 0.5	Pass
			2	17.603	≥ 0.5	Pass
		5825	1	17.542	≥ 0.5	Pass
			2	17.562	≥ 0.5	Pass
802.11ac (VHT40)	MIMO	5755	1	35.169	≥ 0.5	Pass
			2	34.101	≥ 0.5	Pass
		5795	1	34.112	≥ 0.5	Pass
			2	35.180	≥ 0.5	Pass
802.11ac (VHT80)	MIMO	5775	1	75.074	≥ 0.5	Pass
			2	72.629	≥ 0.5	Pass



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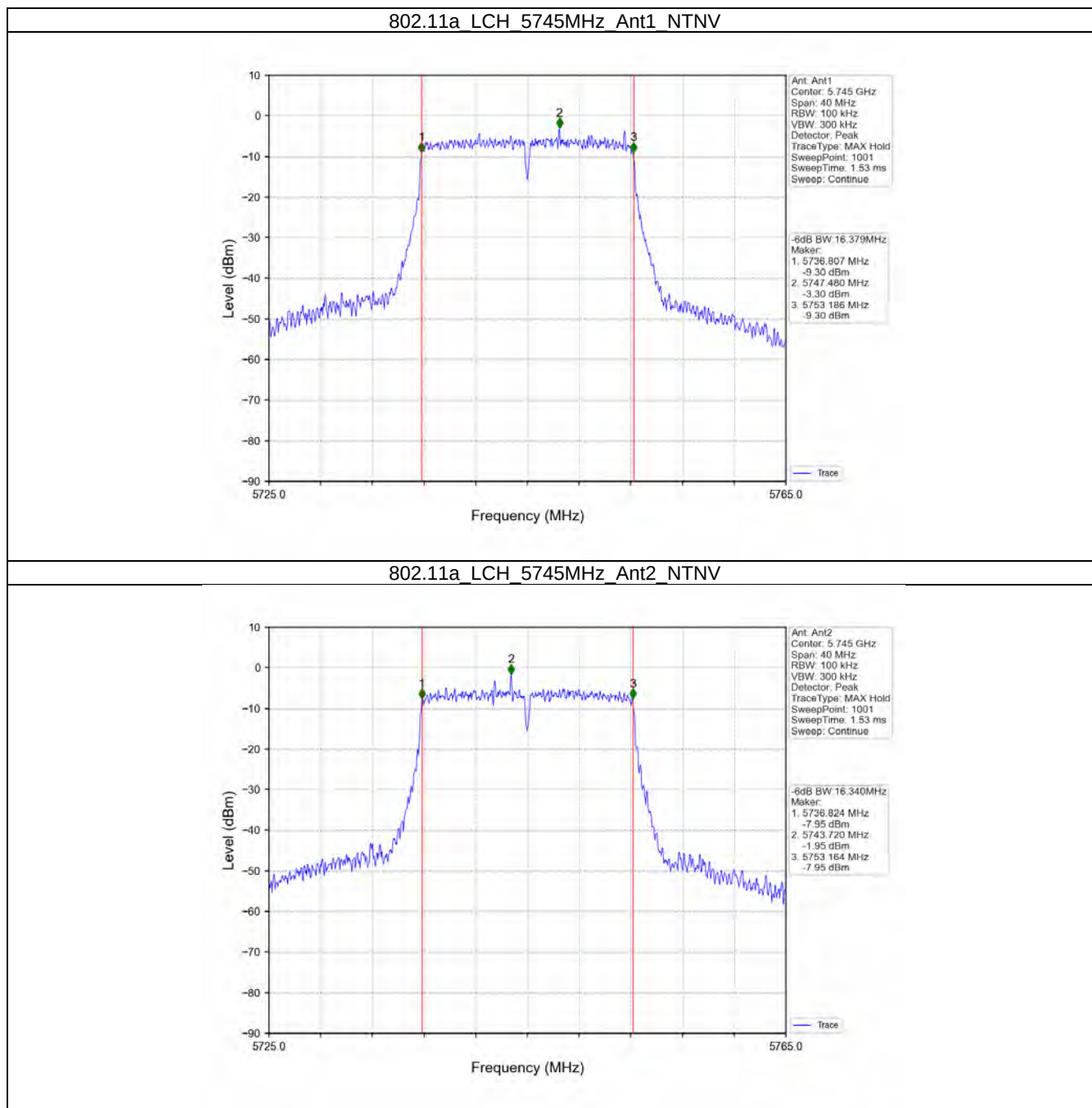
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2.2.2 Test Graph



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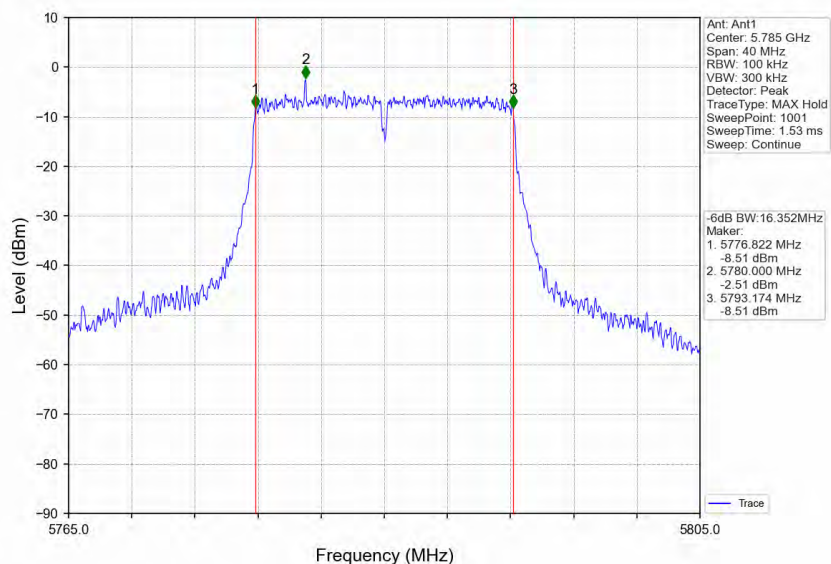
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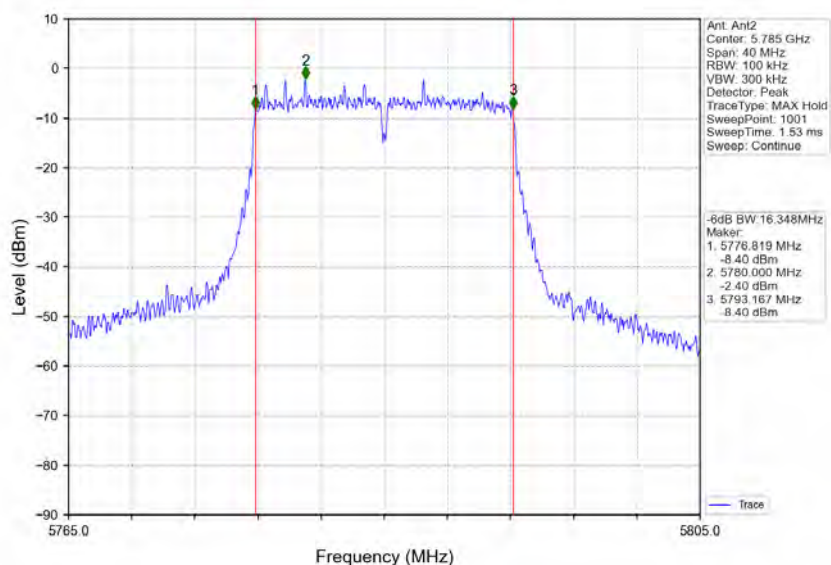
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802.11a_MCH_5785MHz_Ant1_NTNV



802.11a_MCH_5785MHz_Ant2_NTNV



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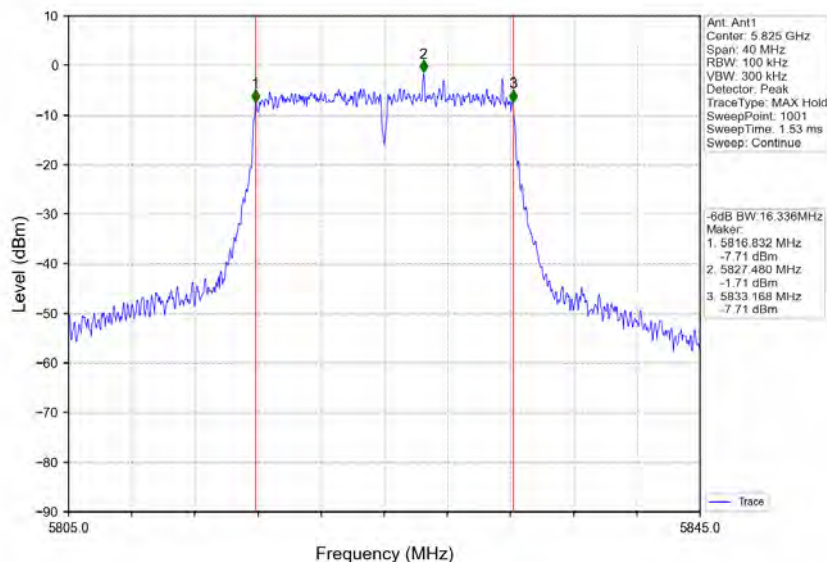
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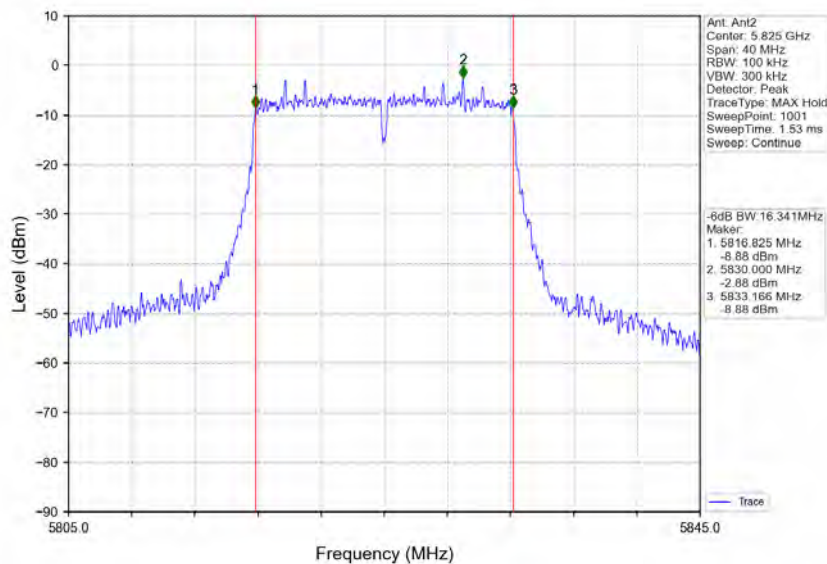
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802.11a_HCH_5825MHz_Ant1_NTNV



802.11a_HCH_5825MHz_Ant2_NTNV



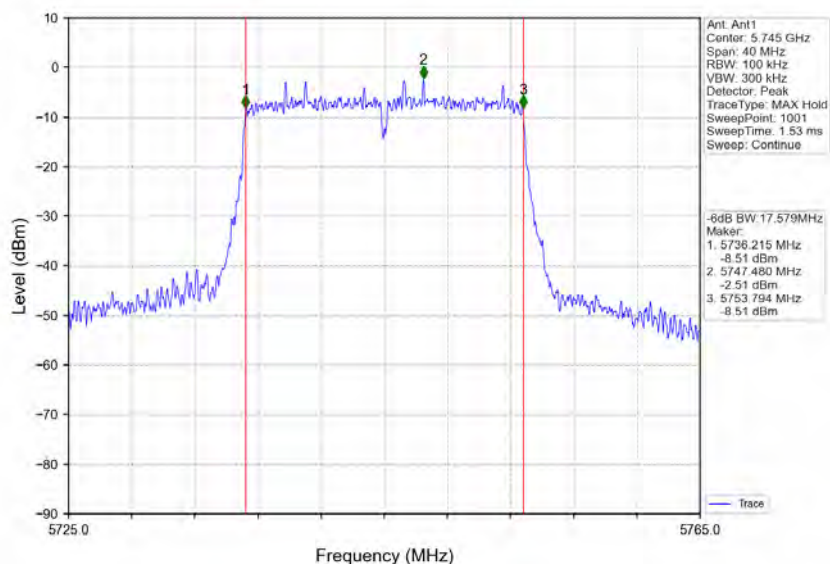
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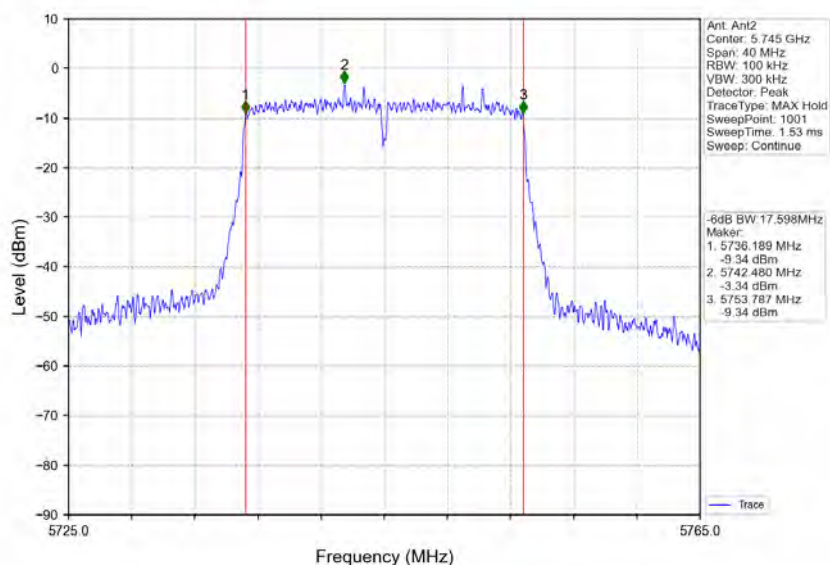
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802.11n(HT20) LCH 5745MHz Ant1 NTN



802.11n(HT20) LCH 5745MHz Ant2 NTN



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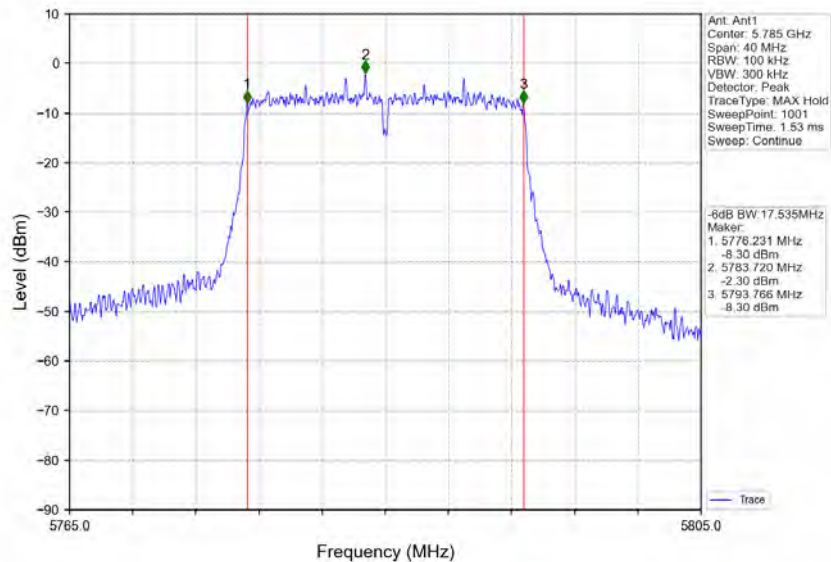
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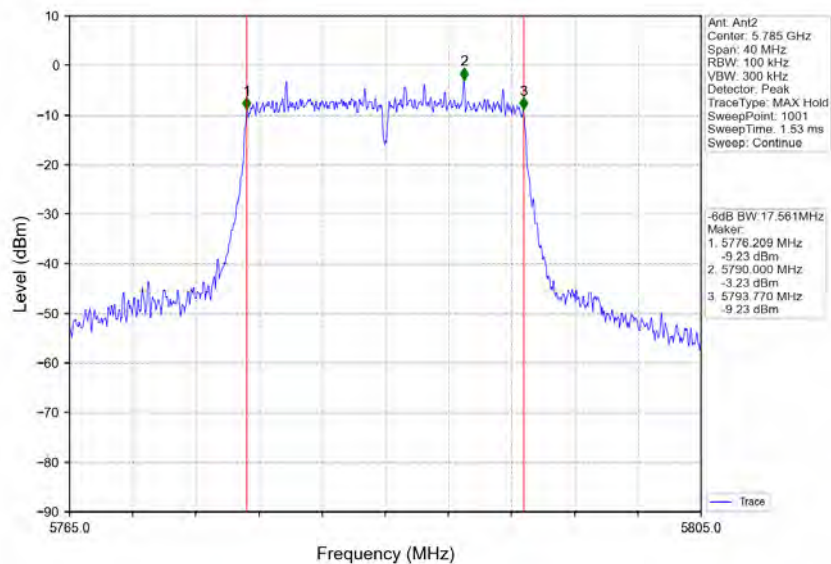
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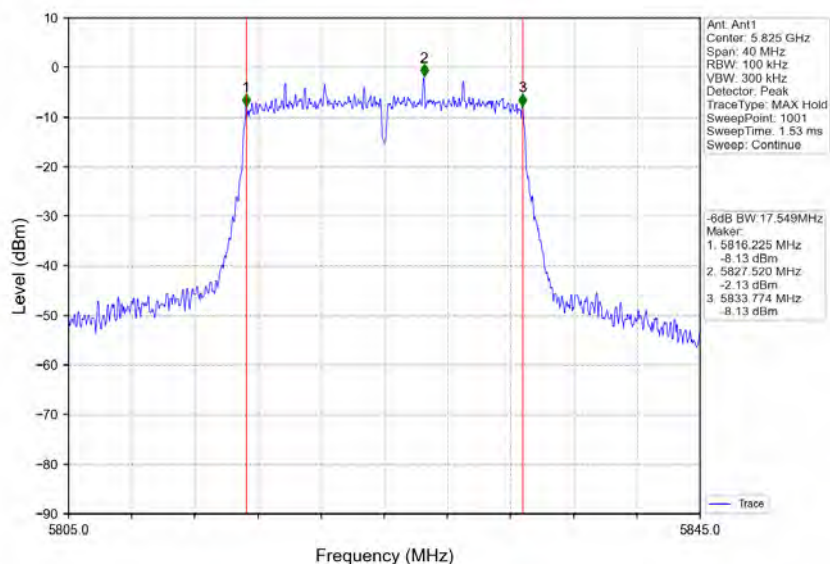
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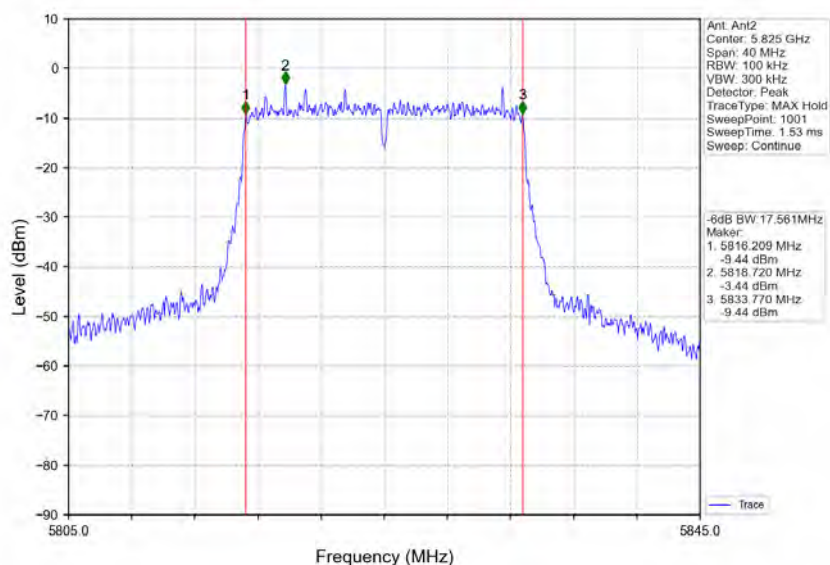
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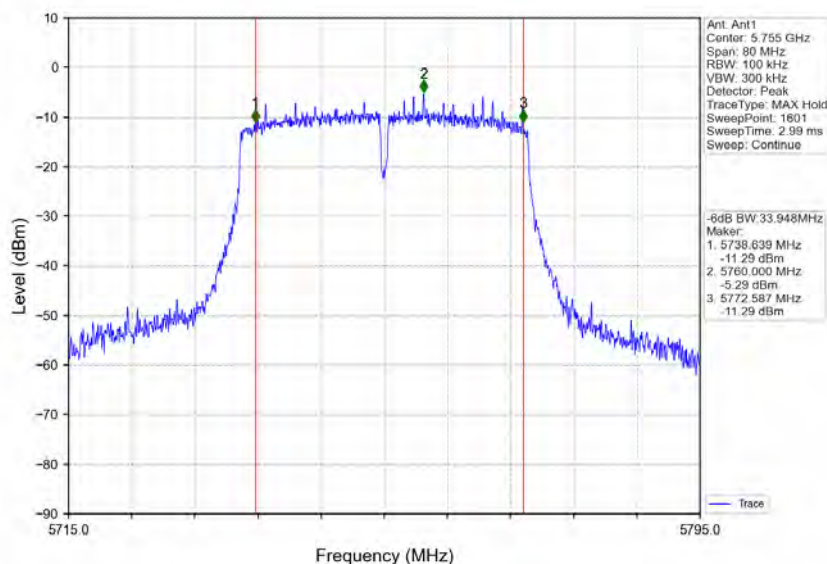
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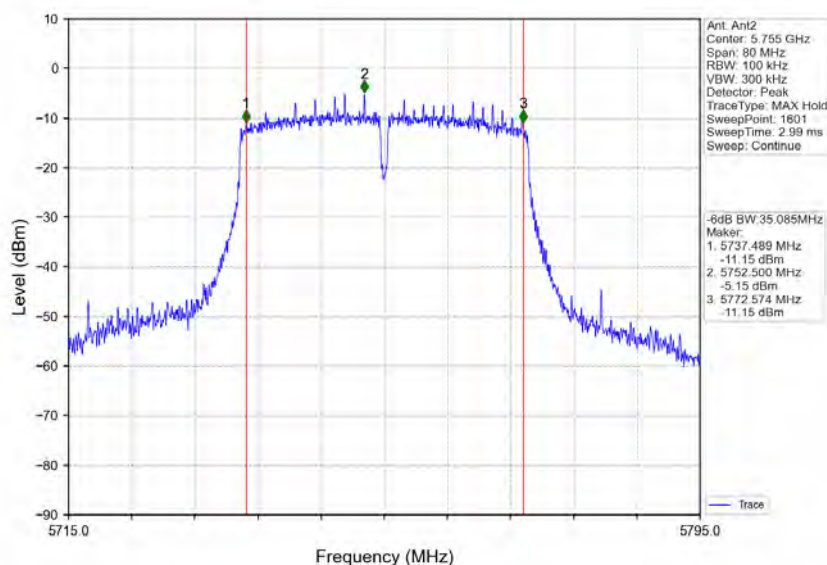
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802.11n(HT40) LCH 5755MHz Ant2 NTN



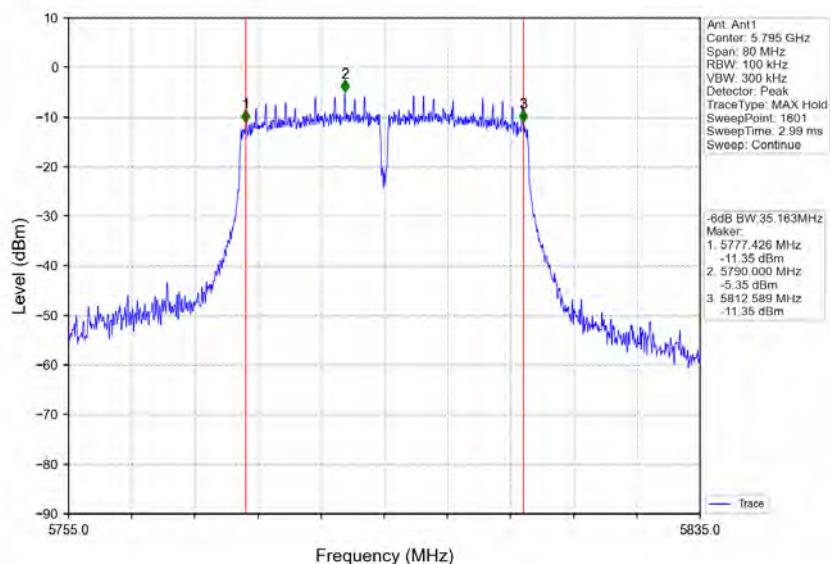
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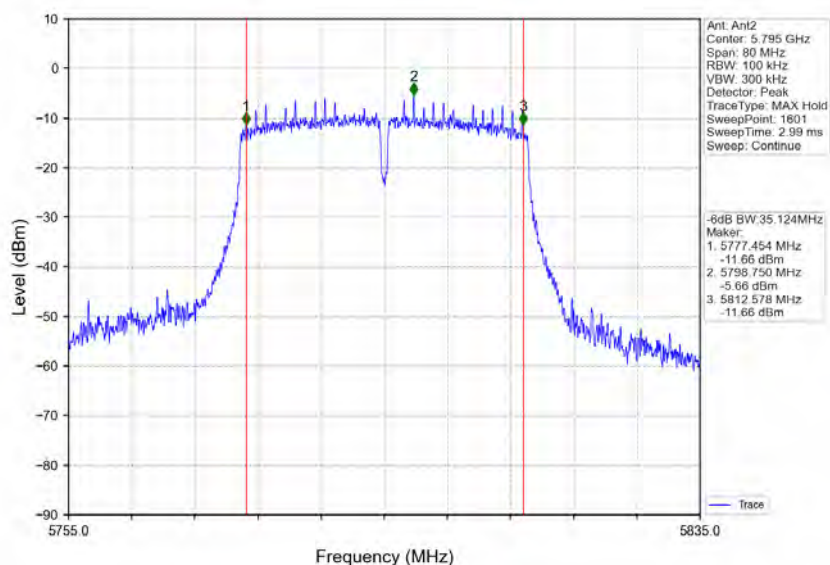
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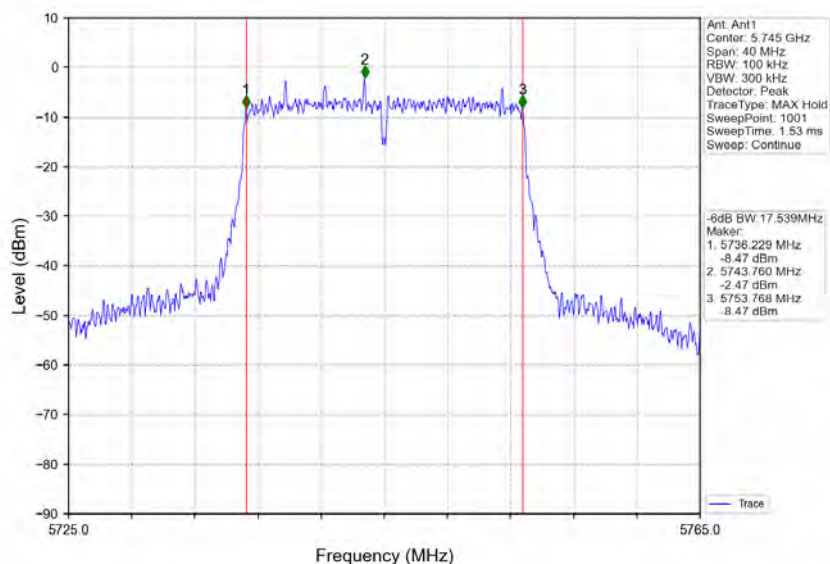
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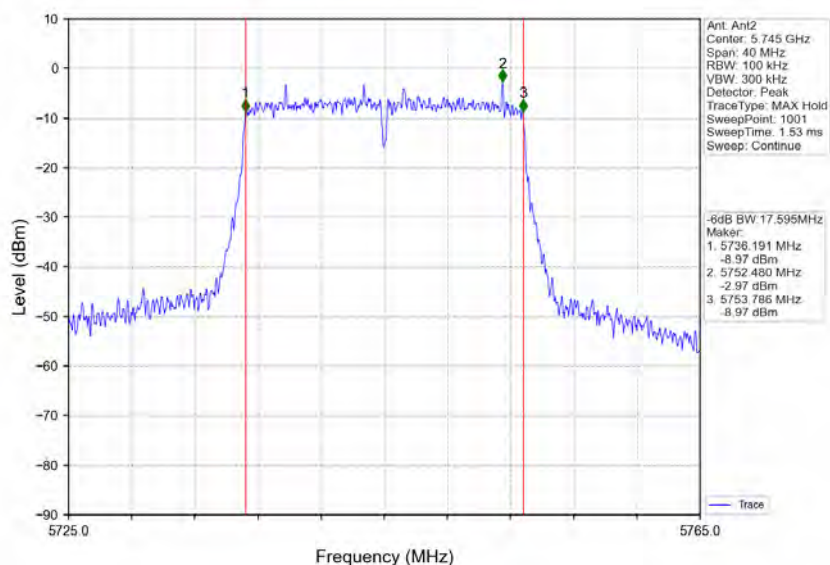
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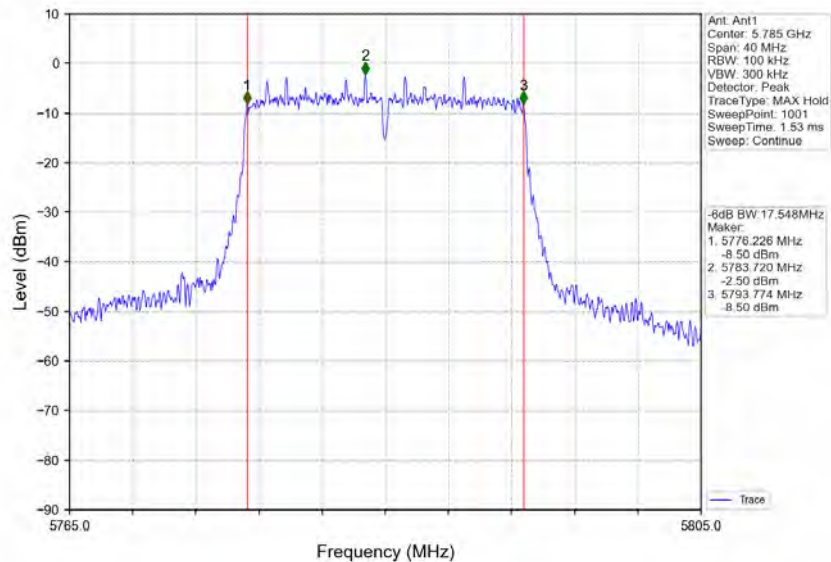
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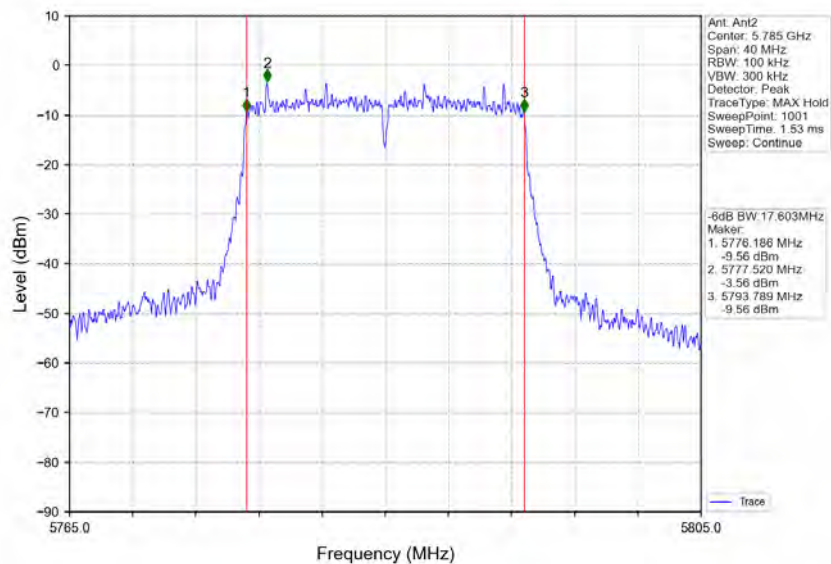
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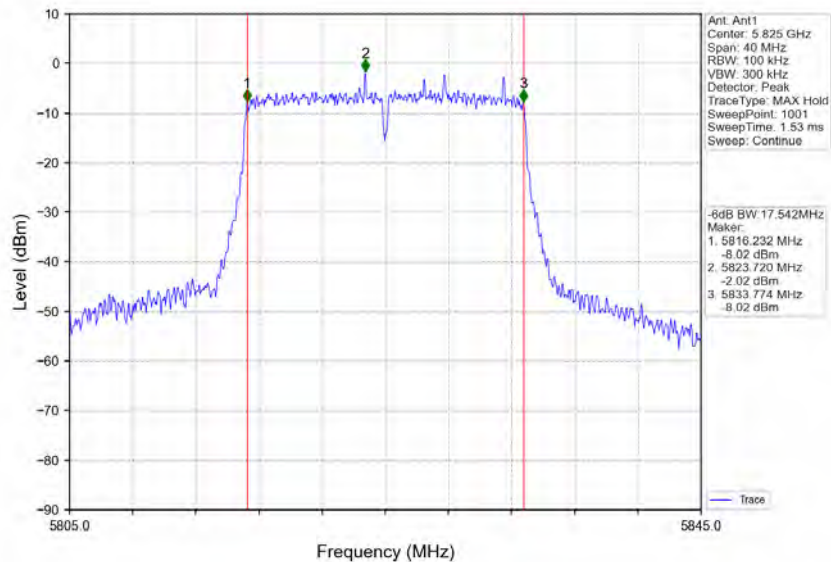
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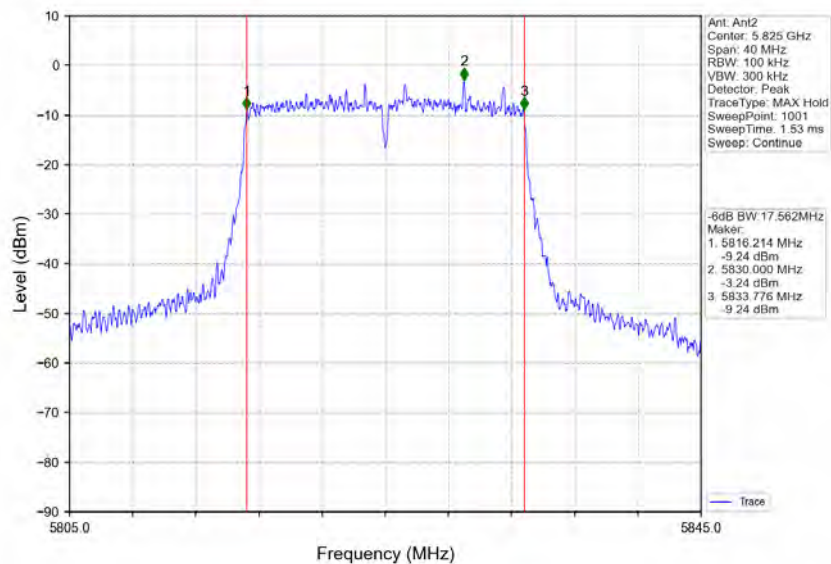
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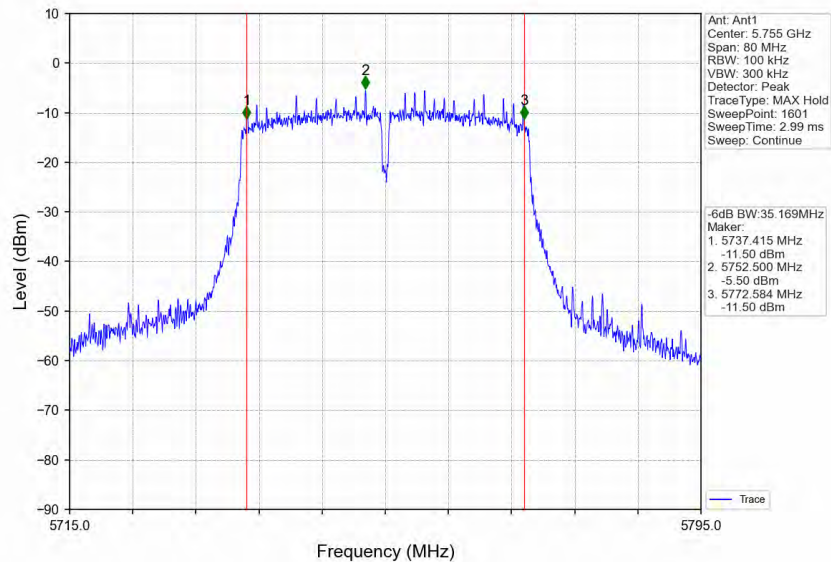
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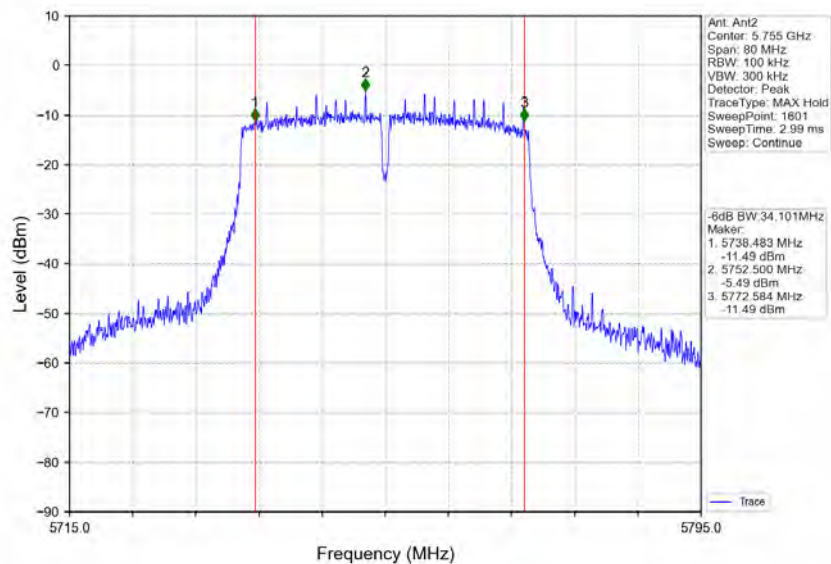
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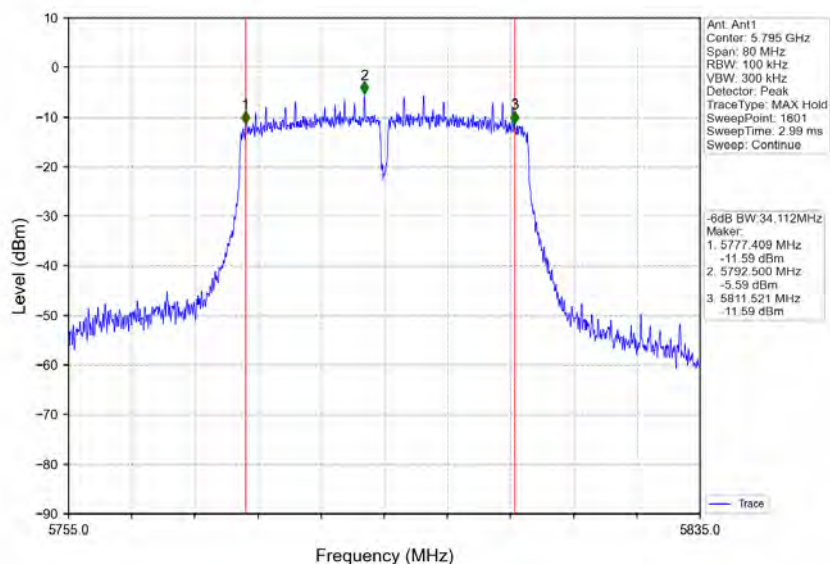
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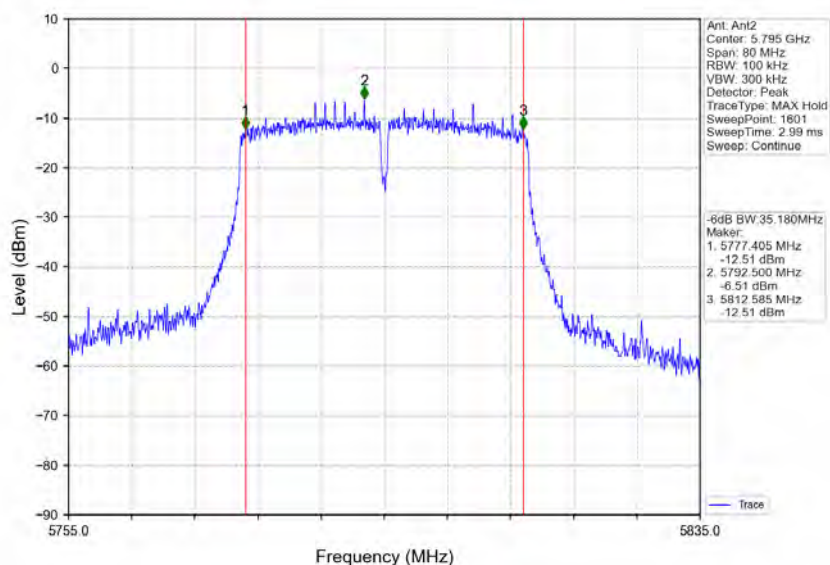
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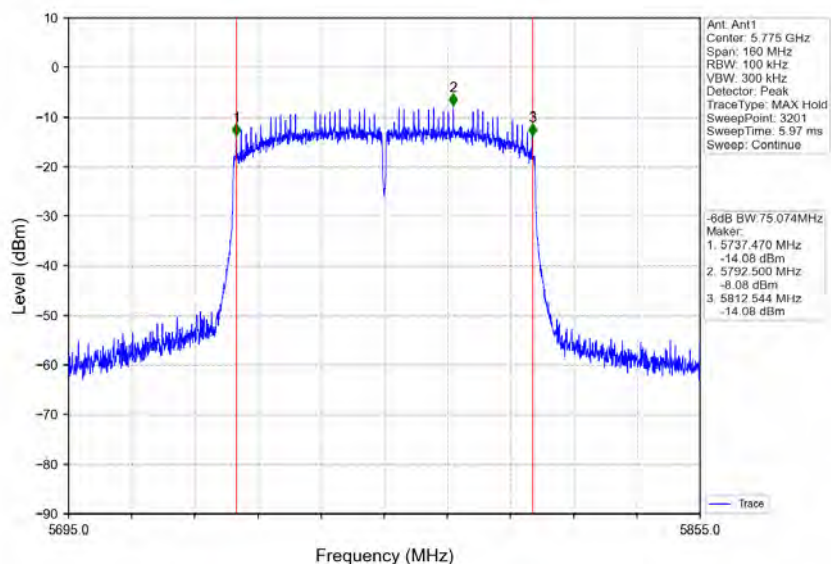
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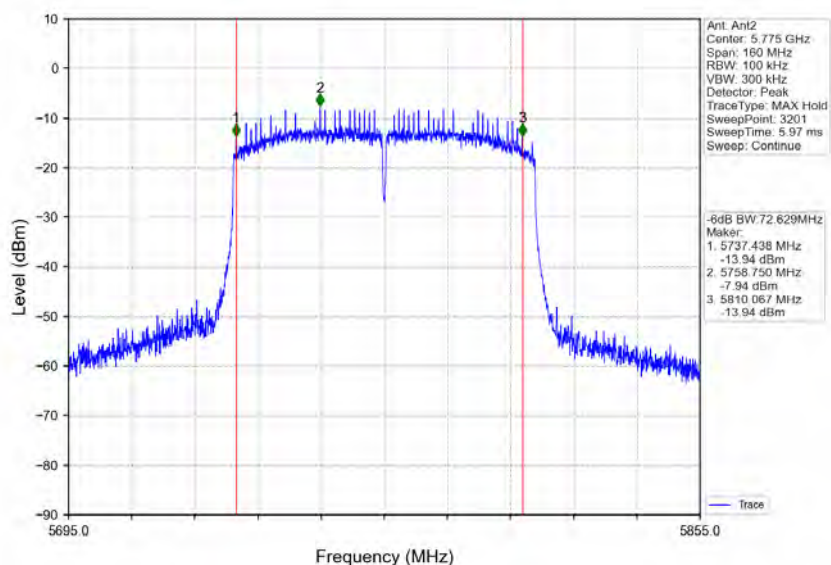
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2.3 26dB BW

2.3.1 Test Result

Mode	TX Type	Frequency (MHz)	Ant	26dB Bandwidth (MHz)	Verdict
				Result	
802.11a	SISO	5180	1	19.482	Pass
			2	19.340	Pass
		5200	1	19.395	Pass
			2	19.432	Pass
		5240	1	19.503	Pass
			2	19.344	Pass
802.11n (HT20)	MIMO	5180	1	20.137	Pass
			2	20.235	Pass
		5200	1	20.303	Pass
			2	19.992	Pass
		5240	1	20.151	Pass
			2	20.126	Pass
802.11n (HT40)	MIMO	5190	1	42.657	Pass
			2	42.335	Pass
		5230	1	42.973	Pass
			2	42.916	Pass
802.11ac (VHT20)	MIMO	5180	1	20.198	Pass
			2	20.181	Pass
		5200	1	20.147	Pass
			2	20.253	Pass
		5240	1	20.164	Pass
			2	20.235	Pass
802.11ac (VHT40)	MIMO	5190	1	42.280	Pass
			2	42.284	Pass
		5230	1	42.276	Pass
			2	42.674	Pass
802.11ac (VHT80)	MIMO	5210	1	83.123	Pass
			2	83.093	Pass



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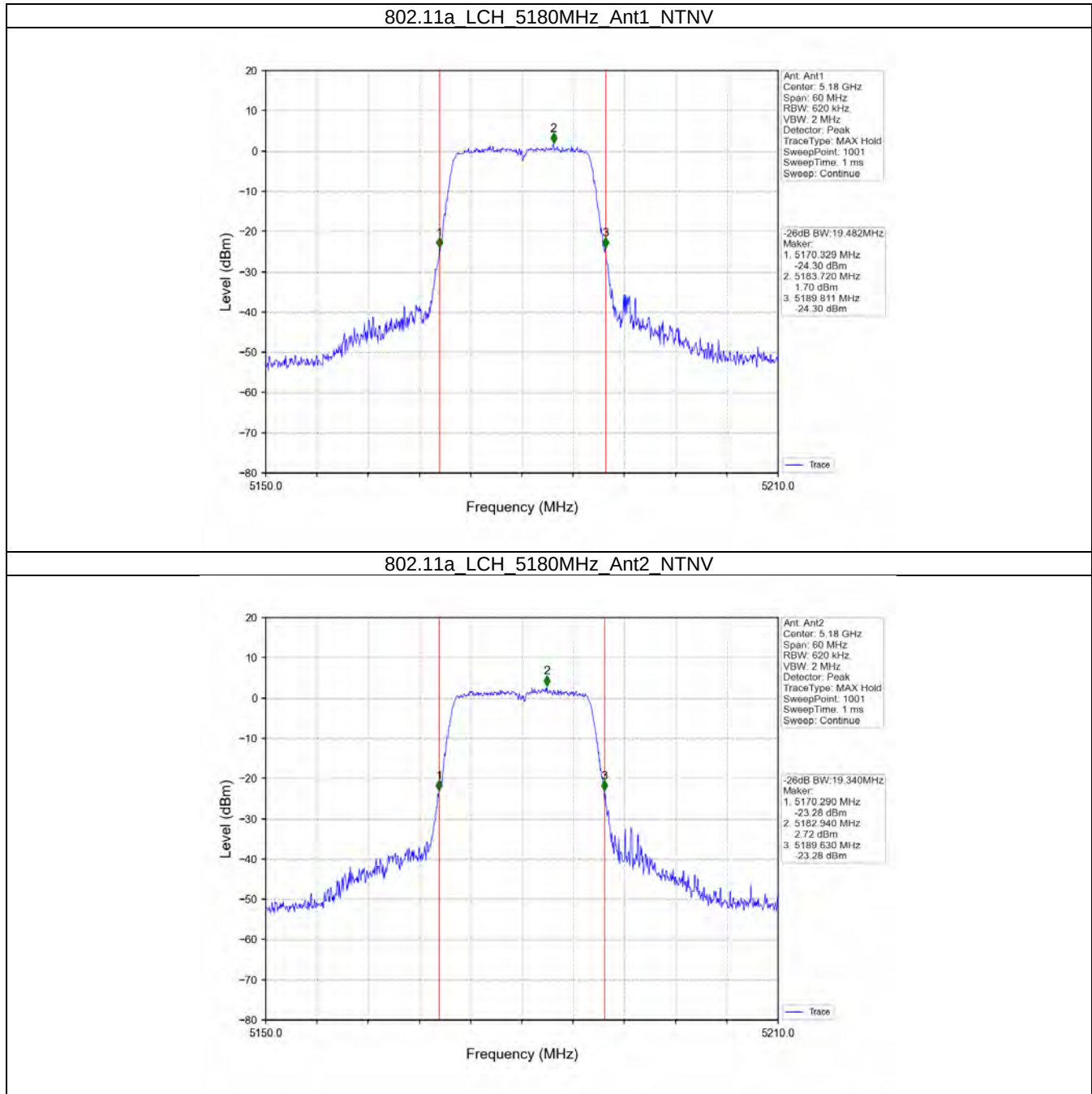
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2.3.2 Test Graph



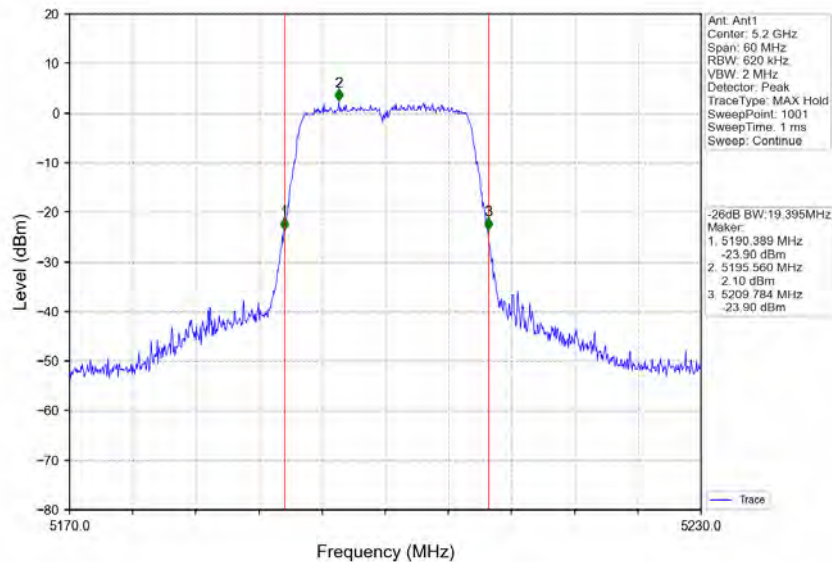
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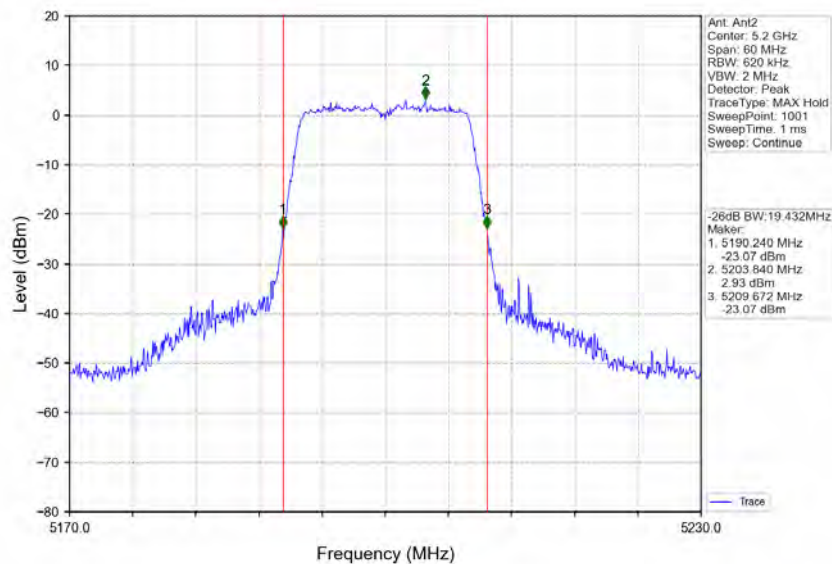
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802.11a_MCH_5200MHz_Ant1_NTNV



802.11a_MCH_5200MHz_Ant2_NTNV



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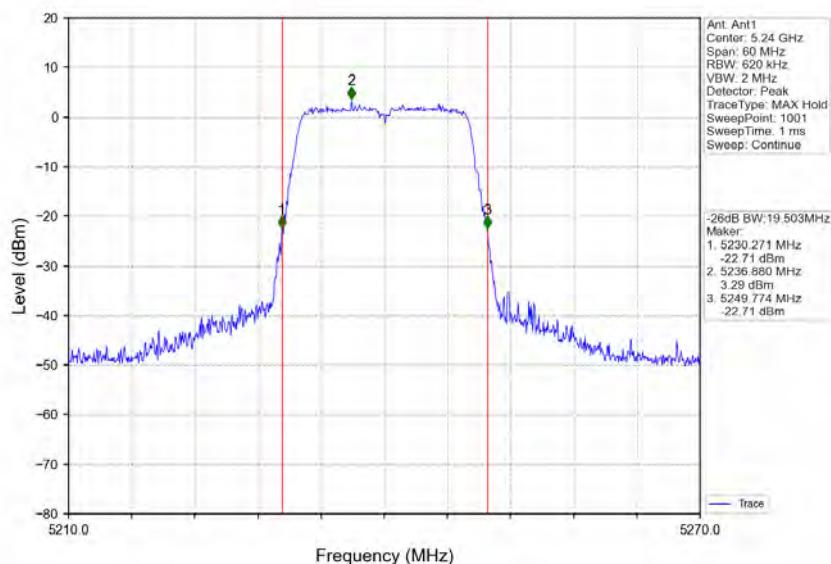
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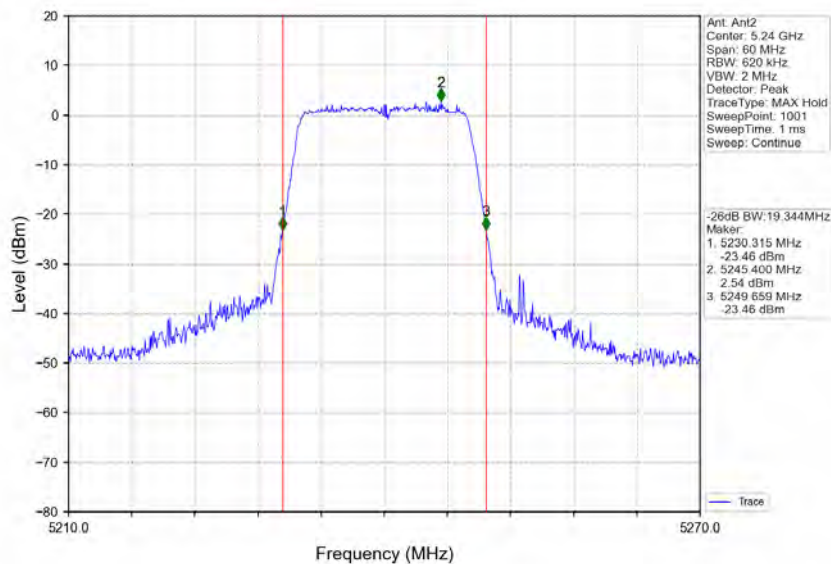
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802.11a_HCH_5240MHz_Ant2_NTNV



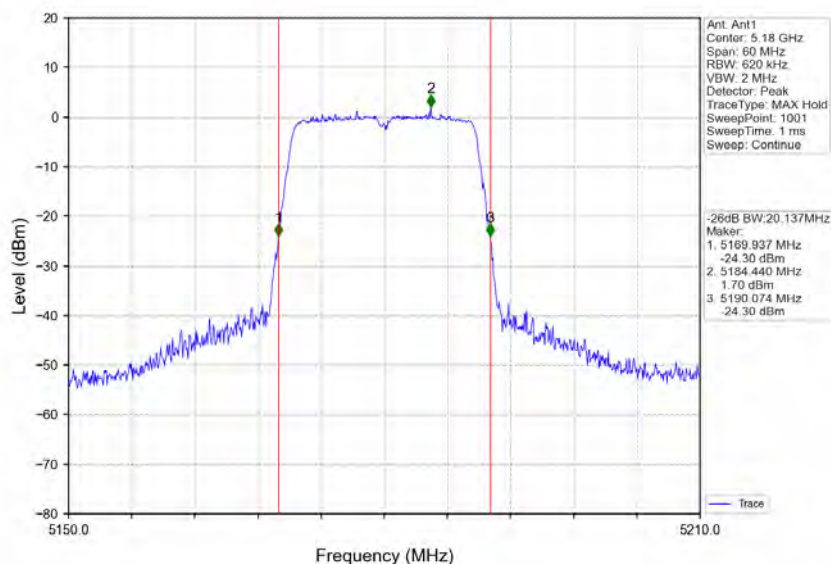
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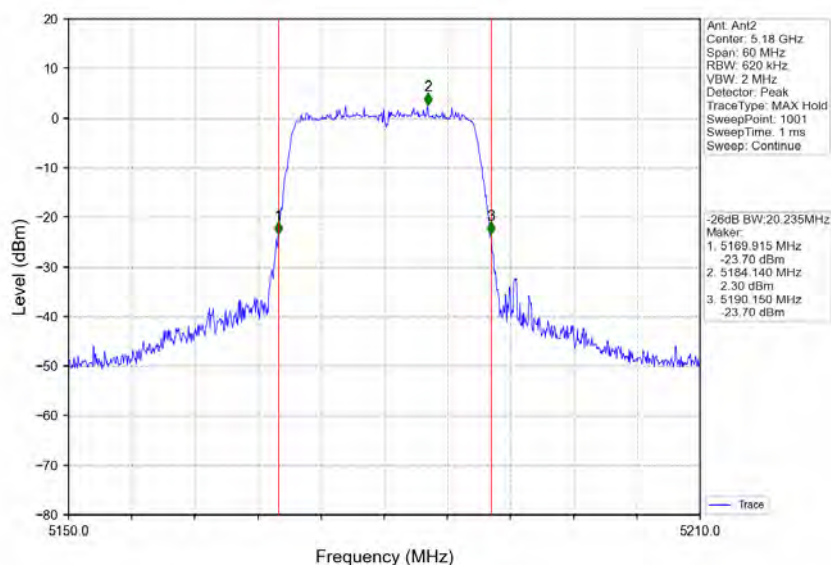
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802.11n(HT20)_LCH_5180MHz_Ant2_NTNV



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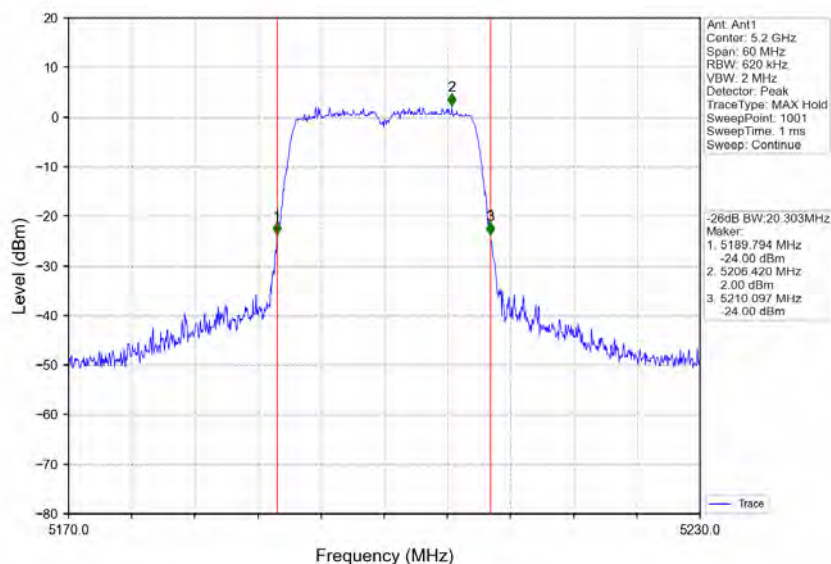
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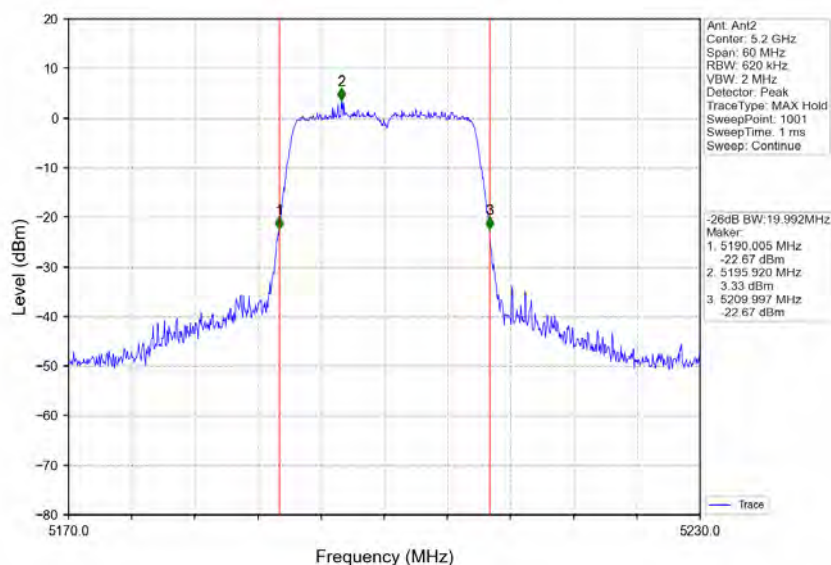
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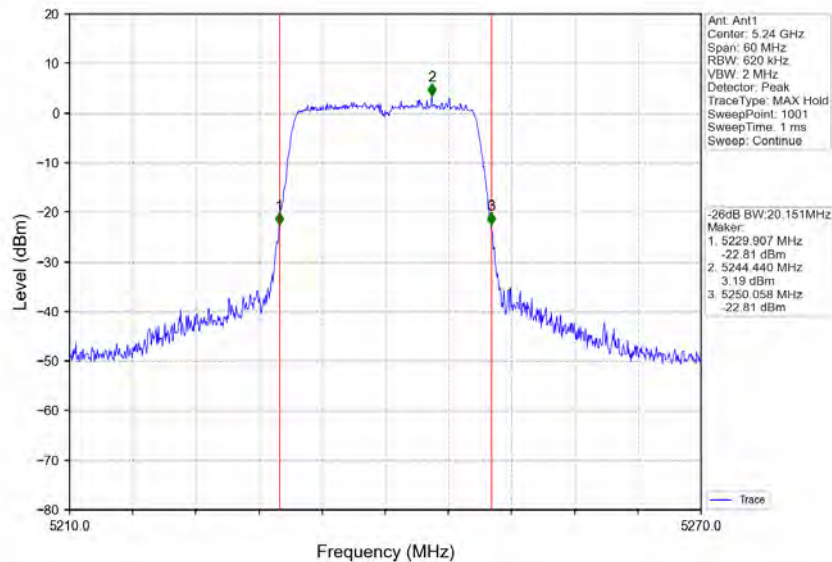
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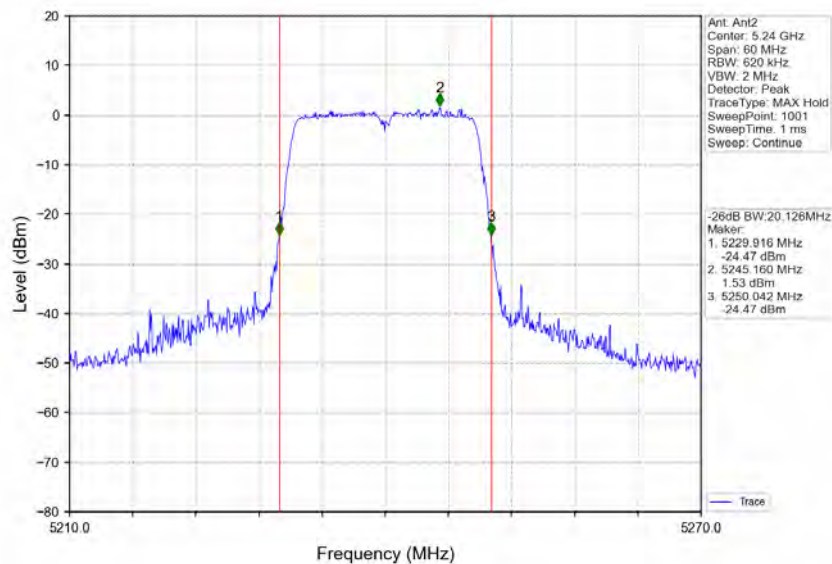
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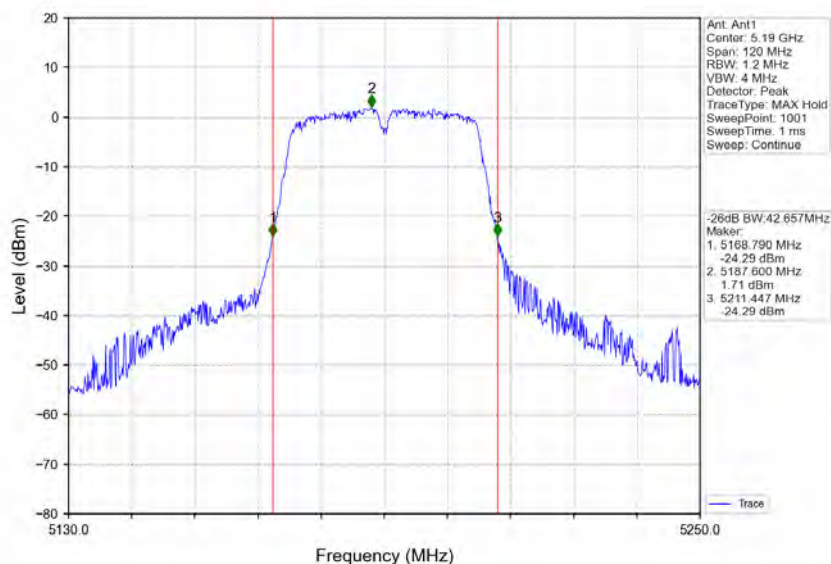
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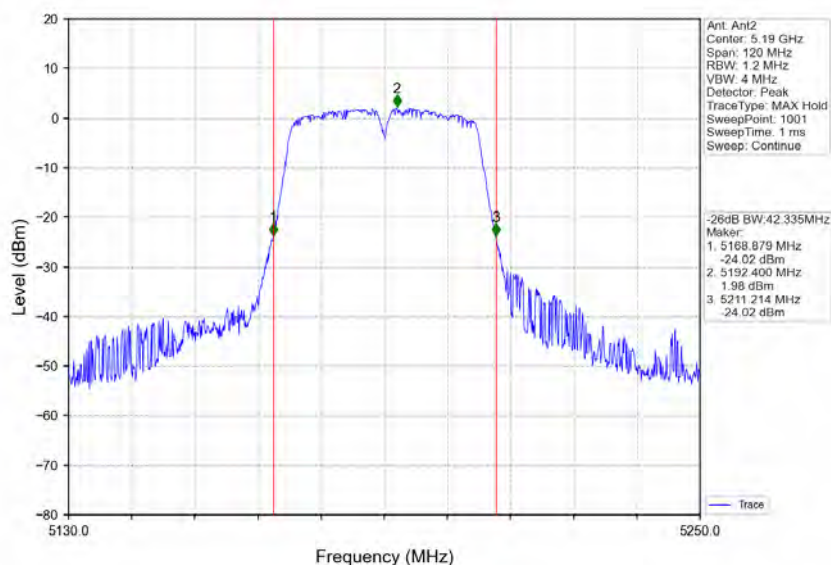
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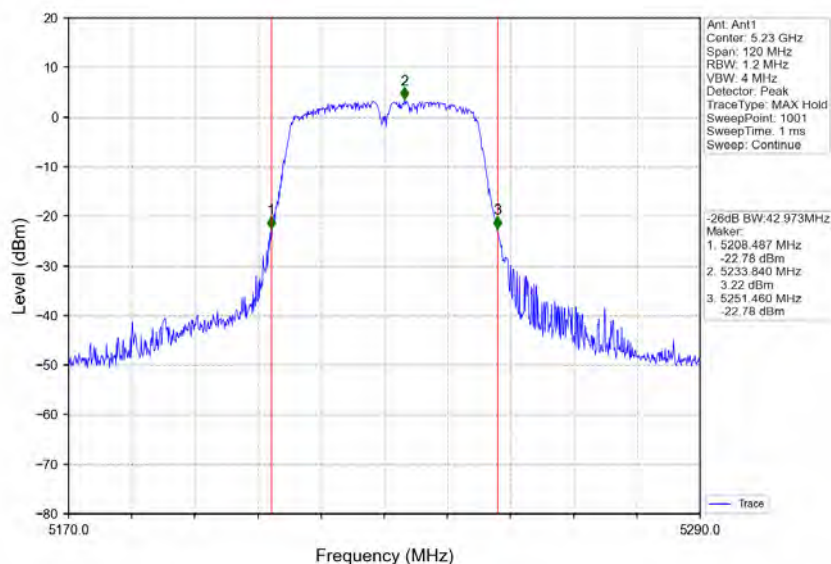
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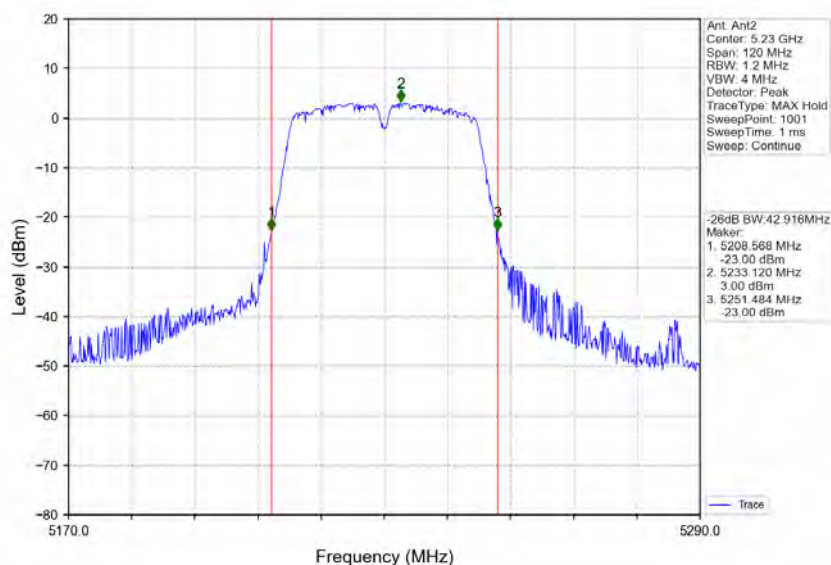
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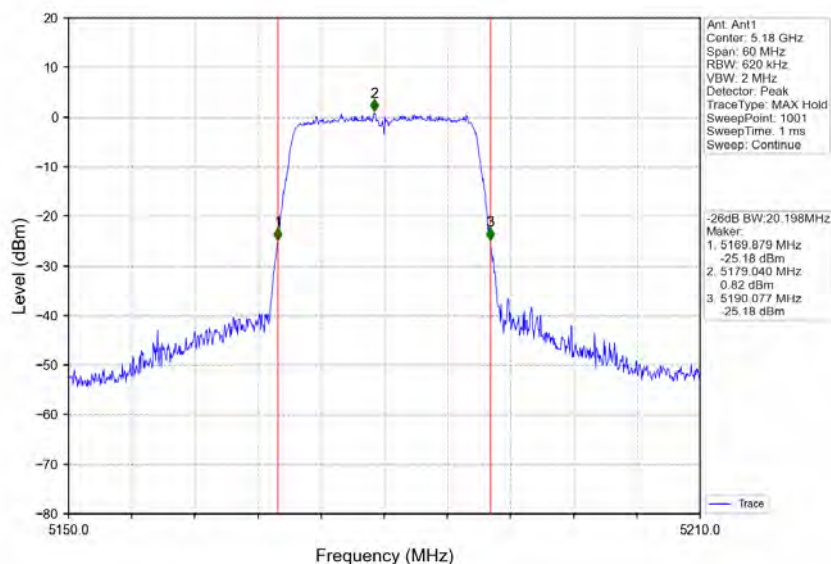
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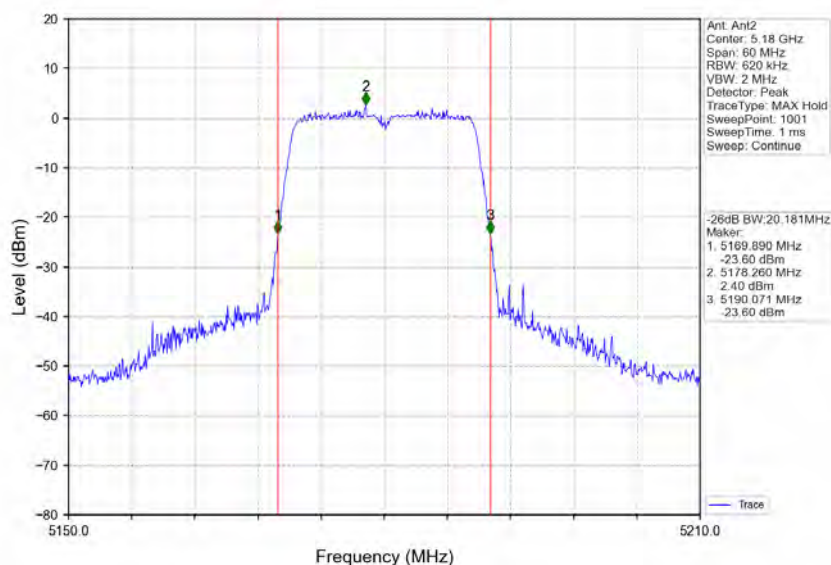
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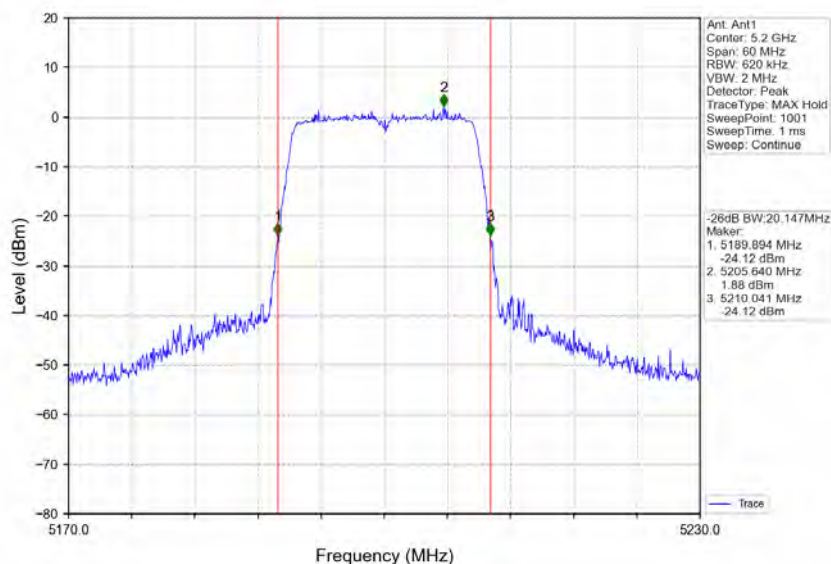
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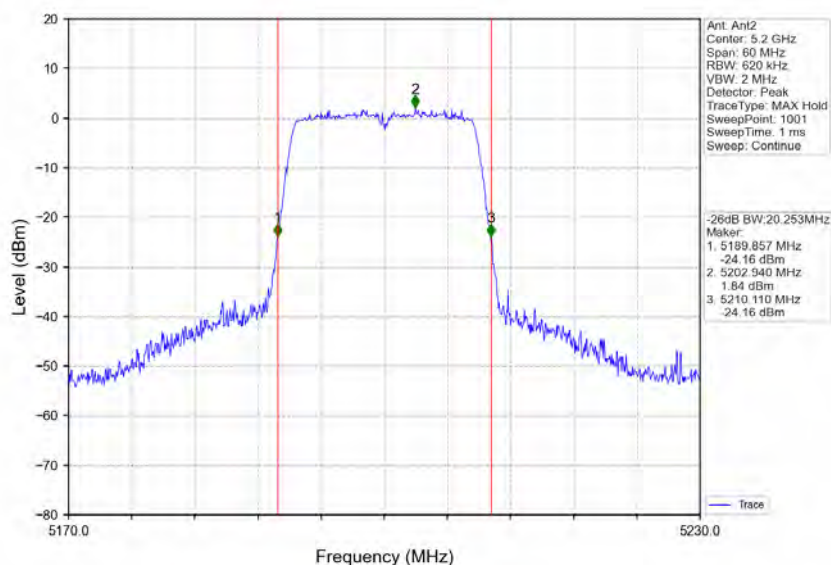
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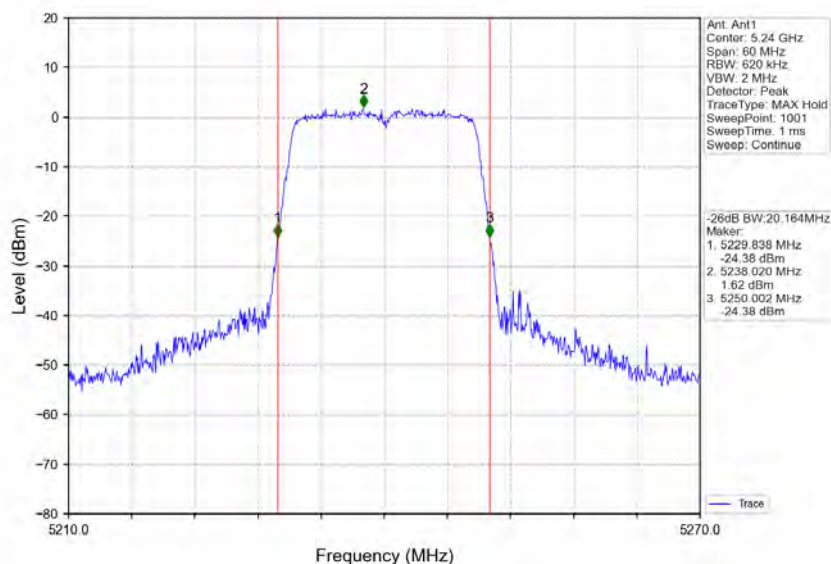
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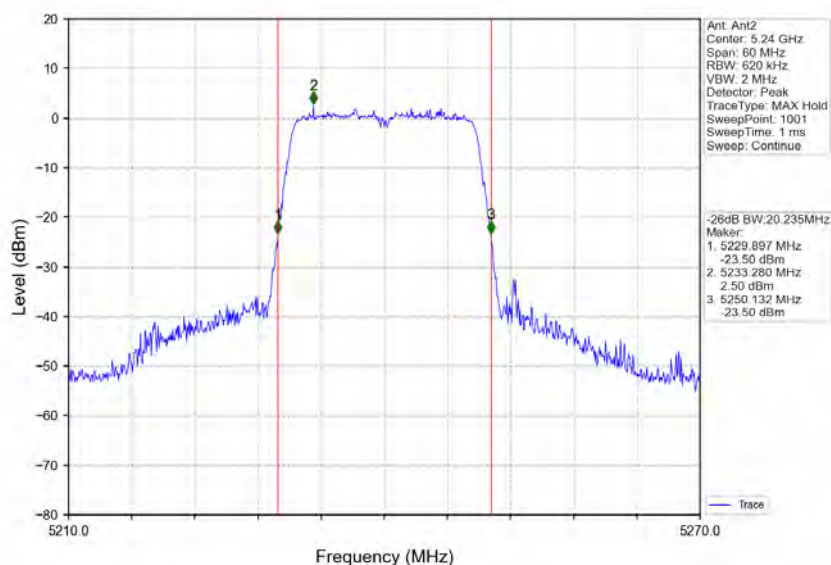
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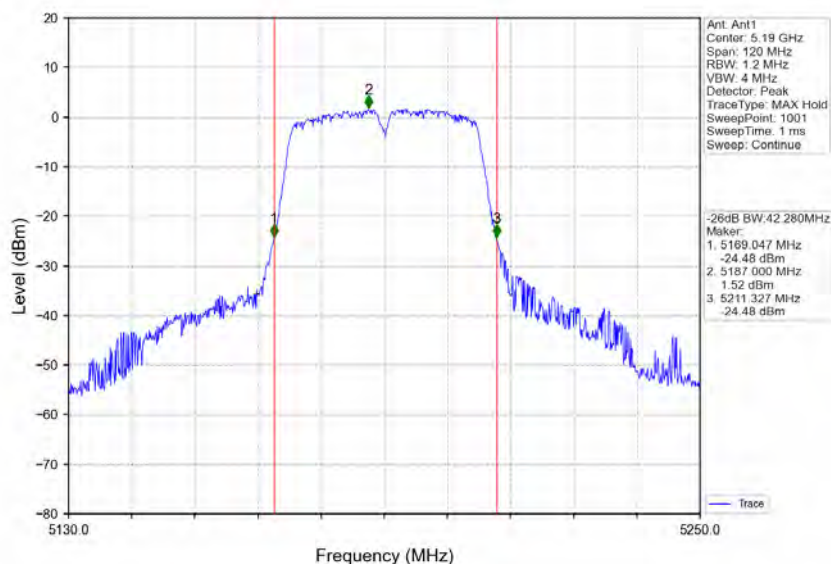
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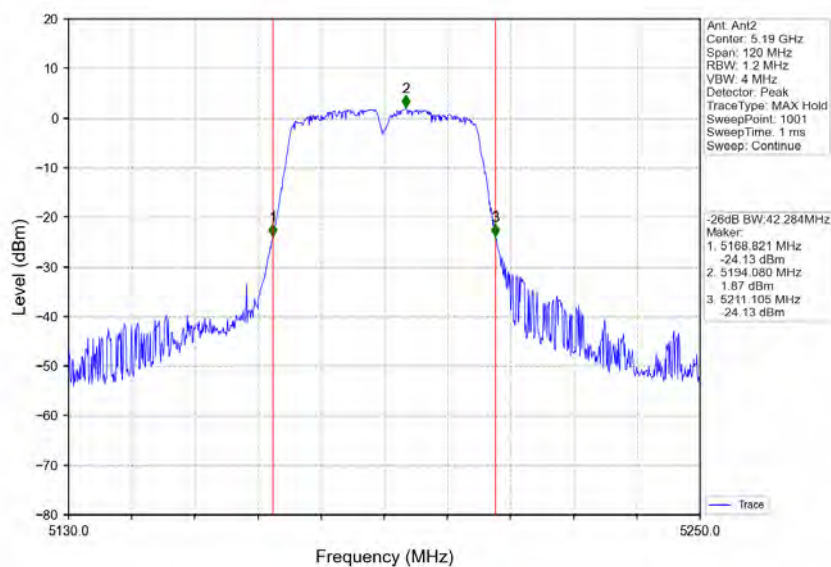
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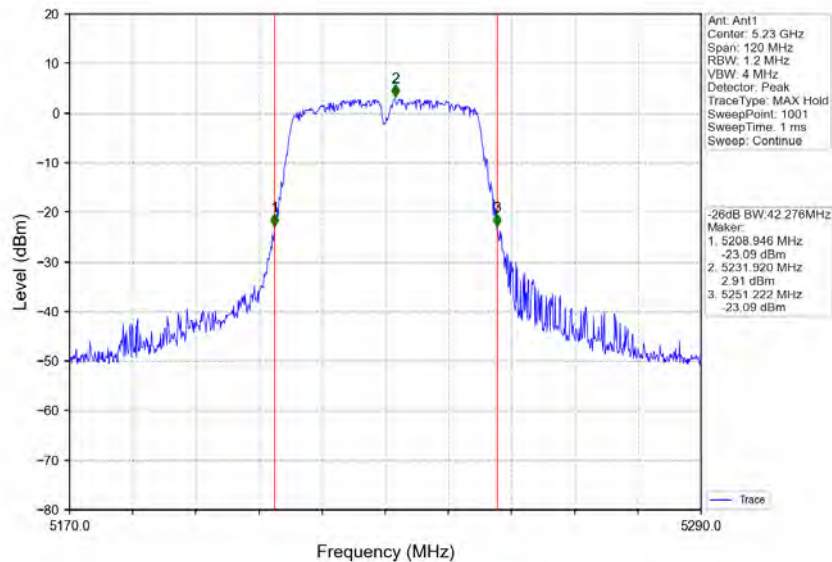
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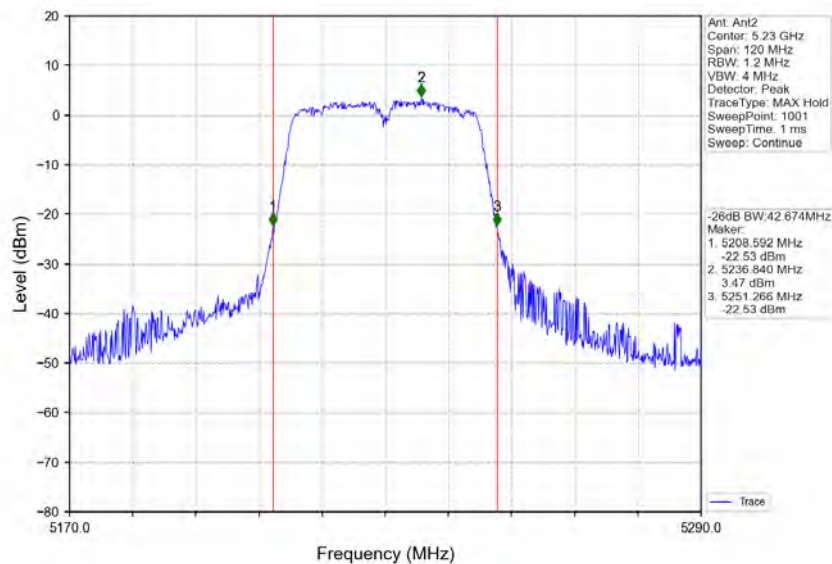
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802.11ac(VHT40)_HCH_5230MHz_Ant1_NTNV



802.11ac(VHT40)_HCH_5230MHz_Ant2_NTNV



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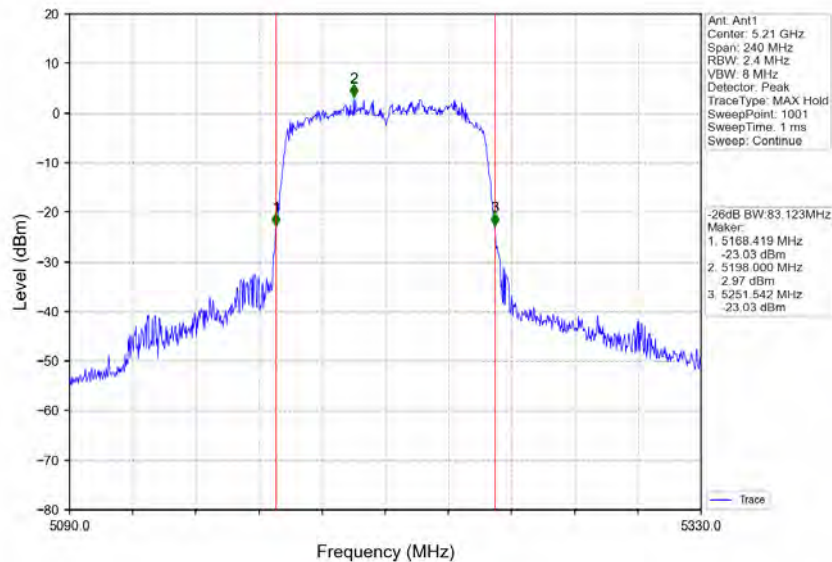
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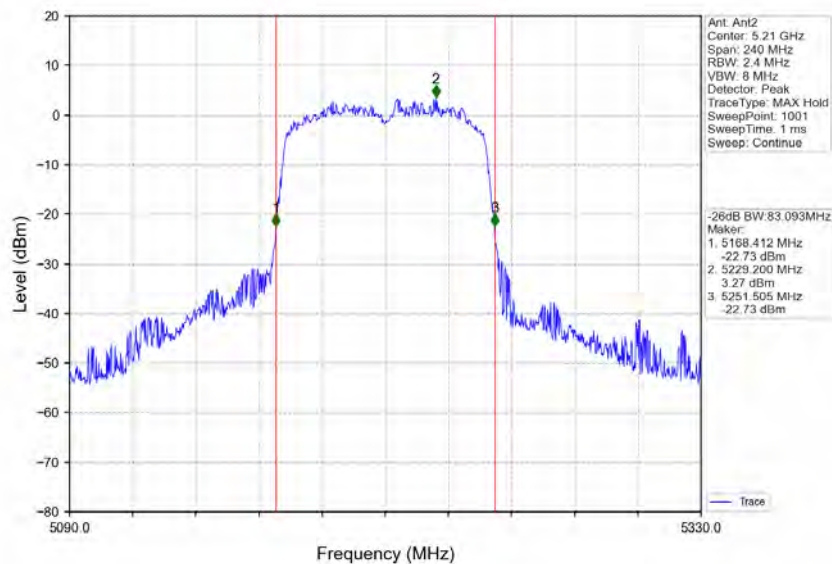
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802.11ac(VHT80)_MCH_5210MHz_Ant1_NTNV



802.11ac(VHT80)_MCH_5210MHz_Ant2_NTNV



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3. Maximum Conducted Output Power

3.1 Power for FCC

3.1.1 Test Result

Mode	TX Type	Frequency (MHz)	Maximum Average Conducted Output Power (dBm)				Verdict
			Ant1	Ant2	MIMO	Limit	
802.11a	SISO	5180	7.45	8.15	/	<=23.98	Pass
		5200	7.81	8.31	/	<=23.98	Pass
		5240	8.61	8.22	/	<=23.98	Pass
		5745	8.67	8.83	/	<=30	Pass
		5785	8.71	8.60	/	<=30	Pass
		5825	9.31	8.31	/	<=30	Pass
802.11n (HT20)	MIMO	5180	7.28	7.60	10.45	<=23.63	Pass
		5200	7.87	7.48	10.69	<=23.63	Pass
		5240	8.50	7.36	10.98	<=23.63	Pass
		5745	8.30	7.96	11.14	<=29.65	Pass
		5785	8.40	7.75	11.10	<=29.65	Pass
		5825	8.70	7.64	11.21	<=29.65	Pass
802.11n (HT40)	MIMO	5190	6.23	6.40	9.33	<=23.63	Pass
		5230	7.69	7.43	10.57	<=23.63	Pass
		5755	8.16	8.01	11.10	<=29.65	Pass
		5795	8.14	7.65	10.91	<=29.65	Pass
802.11ac (VHT20)	MIMO	5180	6.63	7.70	10.21	<=23.63	Pass
		5200	6.95	7.82	10.42	<=23.63	Pass
		5240	7.94	7.73	10.85	<=23.63	Pass
		5745	8.26	8.32	11.30	<=29.65	Pass
		5785	8.33	8.14	11.25	<=29.65	Pass
		5825	8.91	7.82	11.41	<=29.65	Pass
802.11ac (VHT40)	MIMO	5190	5.84	6.10	8.98	<=23.63	Pass
		5230	7.11	7.22	10.18	<=23.63	Pass
		5755	7.78	7.75	10.78	<=29.65	Pass
		5795	7.78	7.32	10.57	<=29.65	Pass
802.11ac (VHT80)	MIMO	5210	4.39	4.67	7.54	<=23.63	Pass
		5775	7.10	7.24	10.18	<=29.65	Pass

Note1: Antenna Gain: Ant1: 3.06dBi; Ant2: 3.60dBi;
Note2: Directional Gain: 6.35dBi

3.2 EIRP for IC

3.2.1 Test Result

Mode	TX Type	Frequency (MHz)	E.I.R.P (dBm)				Verdict
			Ant1	Ant2	MIMO	Limit	
802.11a	SISO	5180	10.51	11.75	/	<=23.01	Pass



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		5200	10.87	11.91	/	<=23.01	Pass
		5240	11.67	11.82	/	<=23.01	Pass
		5745	11.73	12.43	/	/	Pass
		5785	11.77	12.20	/	/	Pass
		5825	12.37	11.91	/	/	Pass
802.11n (HT20)	MIMO	5180	10.34	11.20	13.80	<=23.01	Pass
		5200	10.93	11.08	14.02	<=23.01	Pass
		5240	11.56	10.96	14.28	<=23.01	Pass
		5745	11.36	11.56	14.47	/	Pass
		5785	11.46	11.35	14.42	/	Pass
		5825	11.76	11.24	14.52	/	Pass
802.11n (HT40)	MIMO	5190	9.29	10.00	12.67	<=23.01	Pass
		5230	10.75	11.03	13.90	<=23.01	Pass
		5755	11.22	11.61	14.43	/	Pass
		5795	11.20	11.25	14.24	/	Pass
802.11ac (VHT20)	MIMO	5180	9.69	11.30	13.58	<=23.01	Pass
		5200	10.01	11.42	13.78	<=23.01	Pass
		5240	11.00	11.33	14.18	<=23.01	Pass
		5745	11.32	11.92	14.64	/	Pass
		5785	11.39	11.74	14.58	/	Pass
		5825	11.97	11.42	14.71	/	Pass
802.11ac (VHT40)	MIMO	5190	8.90	9.70	12.33	<=23.01	Pass
		5230	10.17	10.82	13.52	<=23.01	Pass
		5755	10.84	11.35	14.11	/	Pass
		5795	10.84	10.92	13.89	/	Pass
802.11ac (VHT80)	MIMO	5210	7.45	8.27	10.89	<=23.01	Pass
		5775	10.16	10.84	13.52	/	Pass

Note1: Antenna Gain: Ant1: 3.06dBi; Ant2: 3.60dBi;

Note2: E.I.R.P = Measured Power + Antenna Gain

Note3: Directional Gain: 6.35dBi



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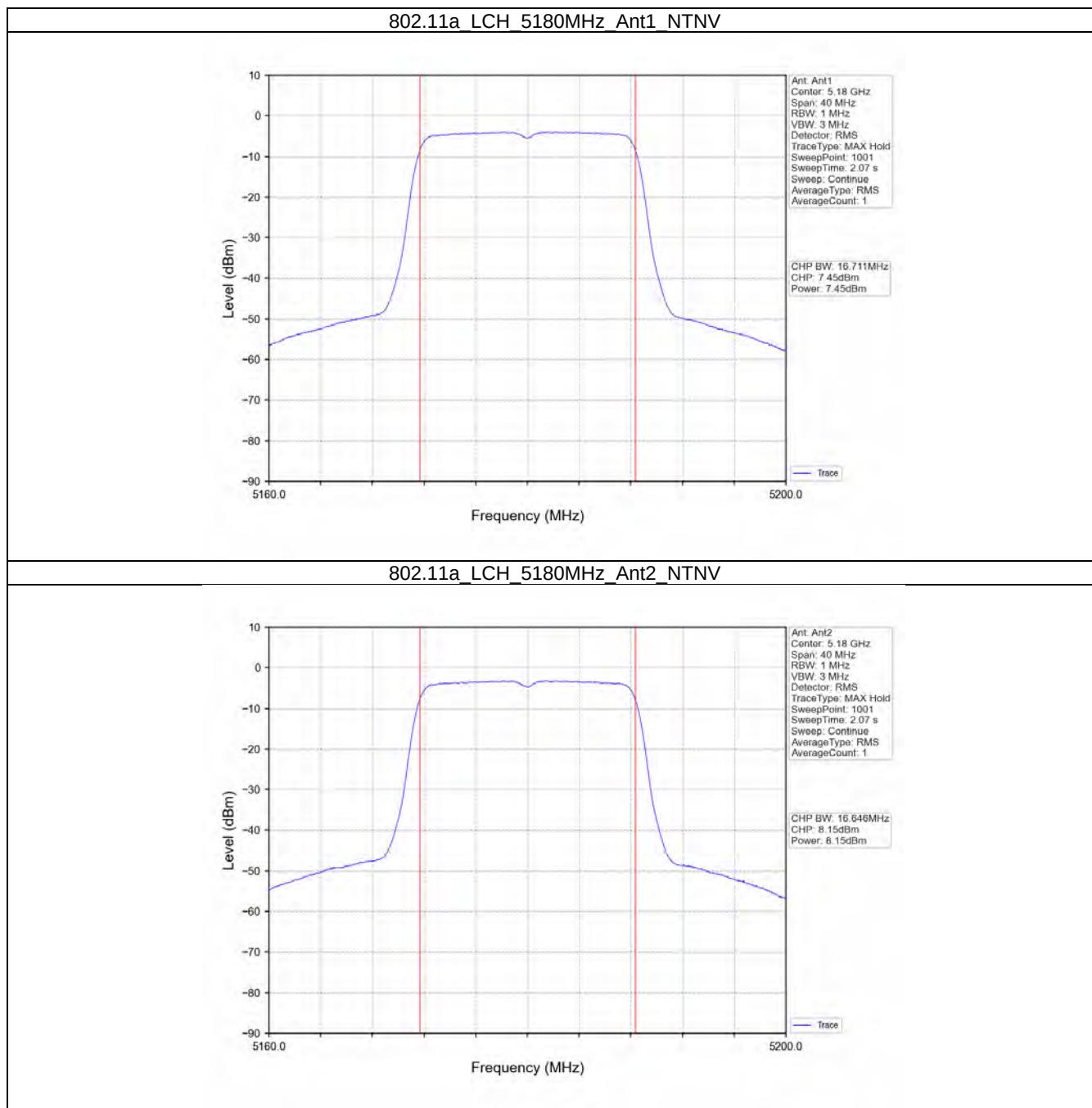
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3.1.2 Test Graph



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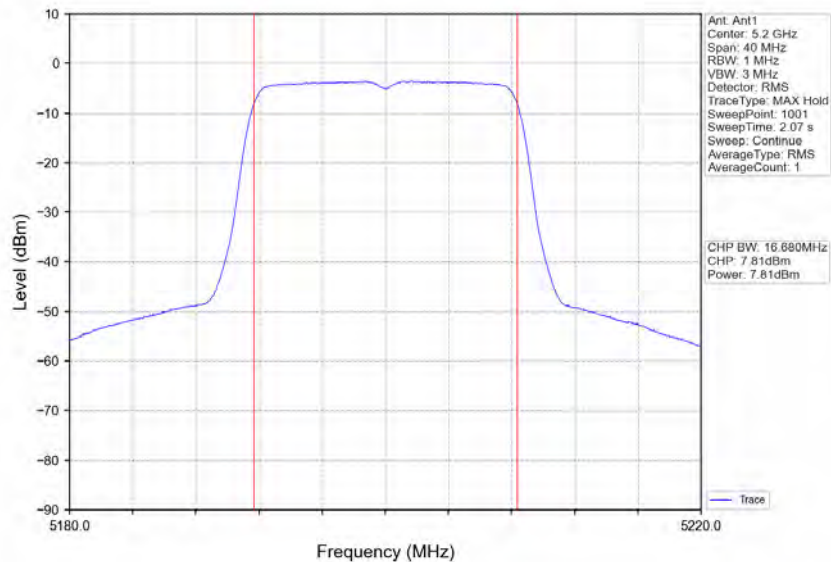
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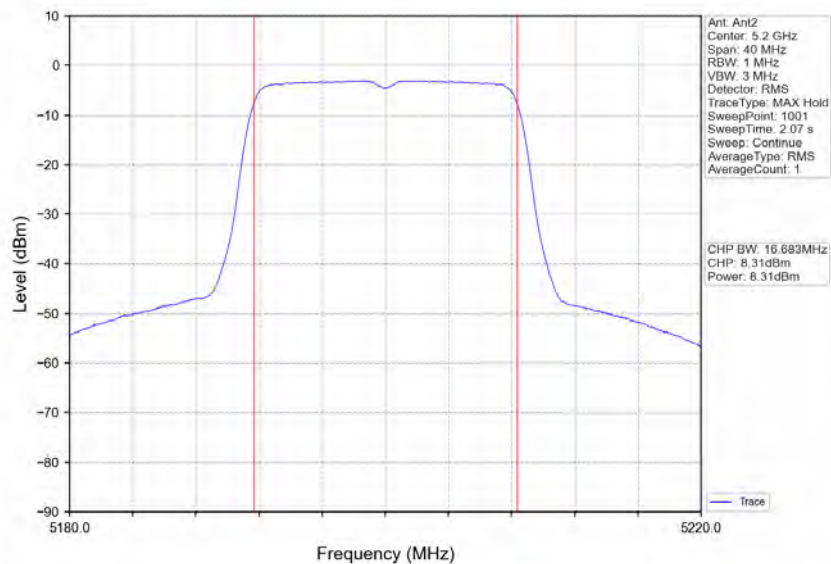
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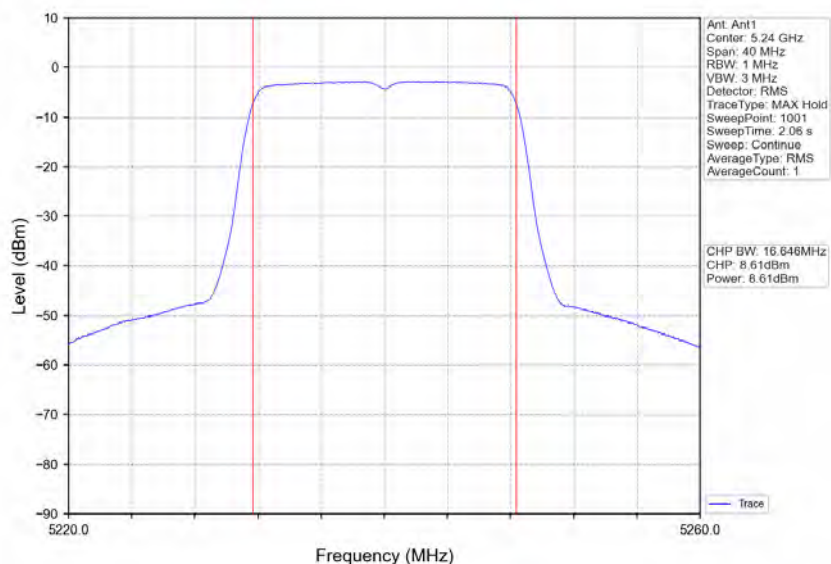
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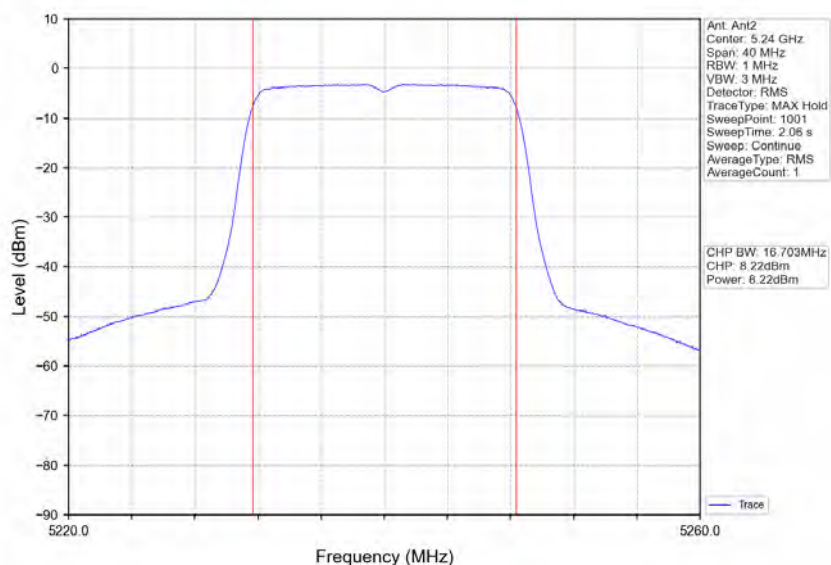
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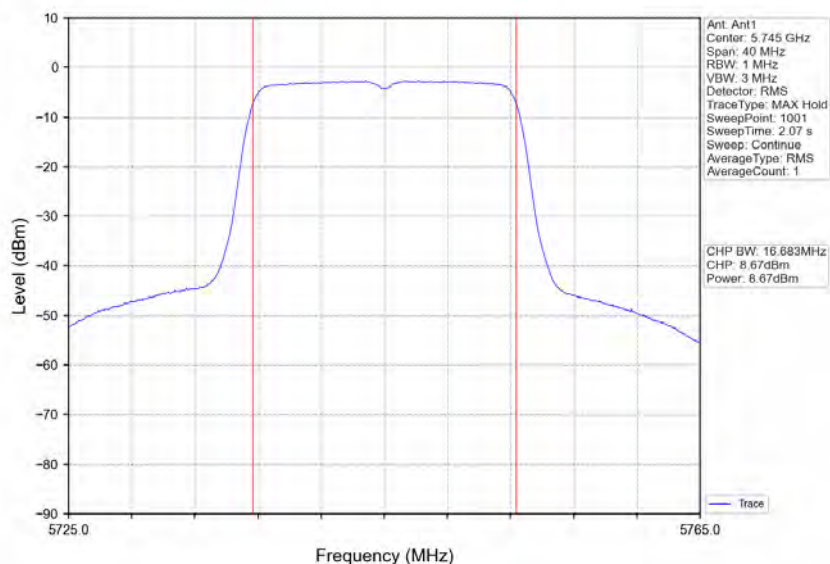
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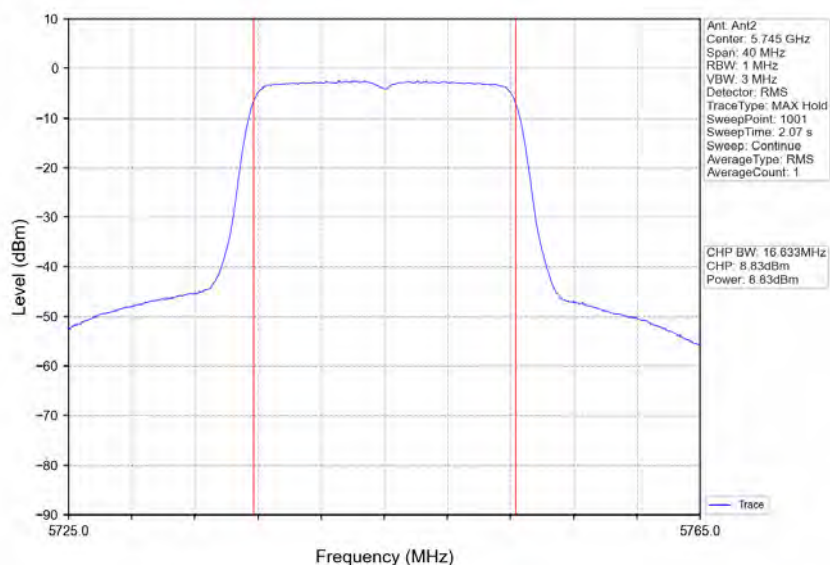
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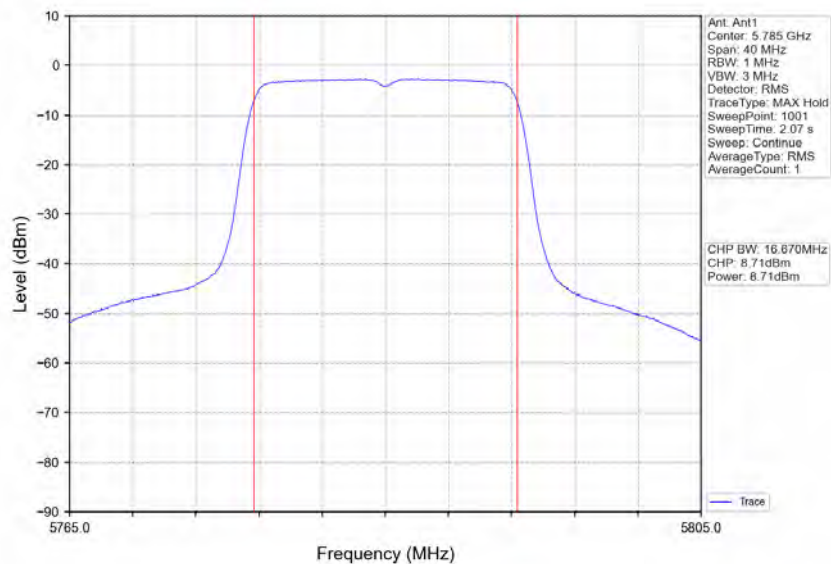
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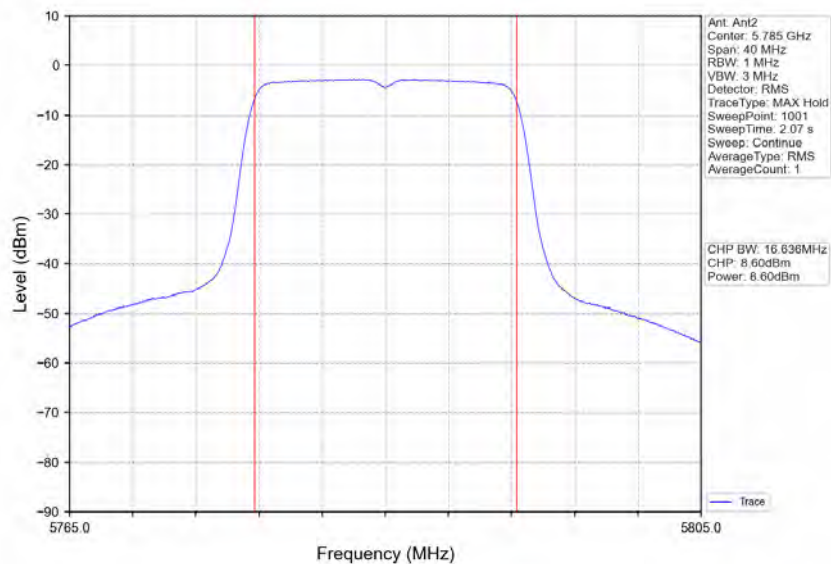
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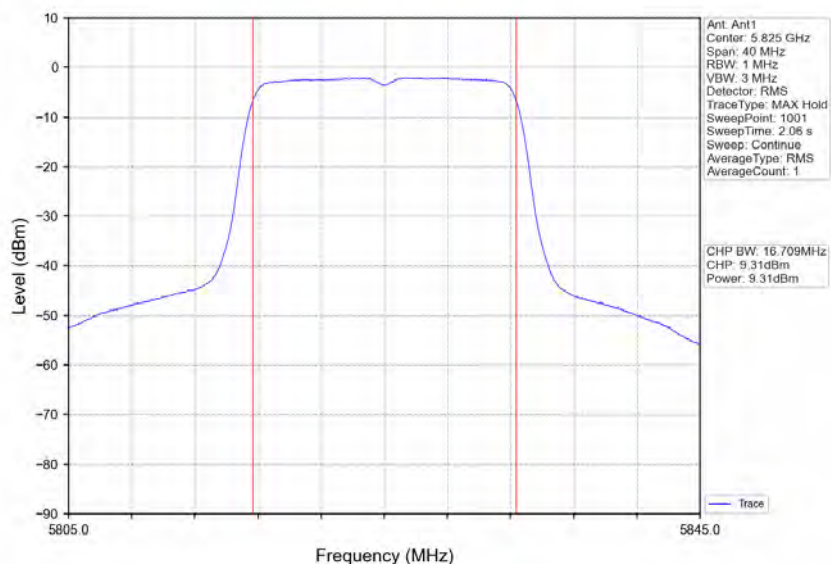
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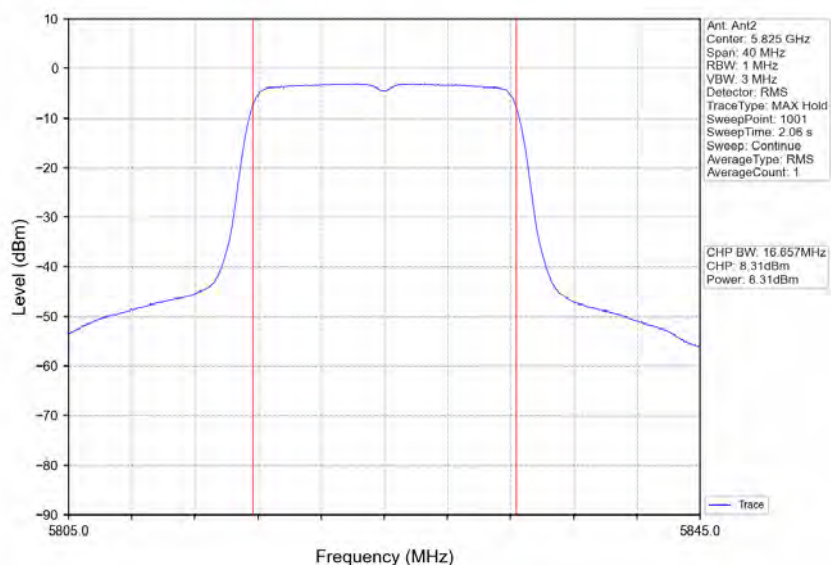
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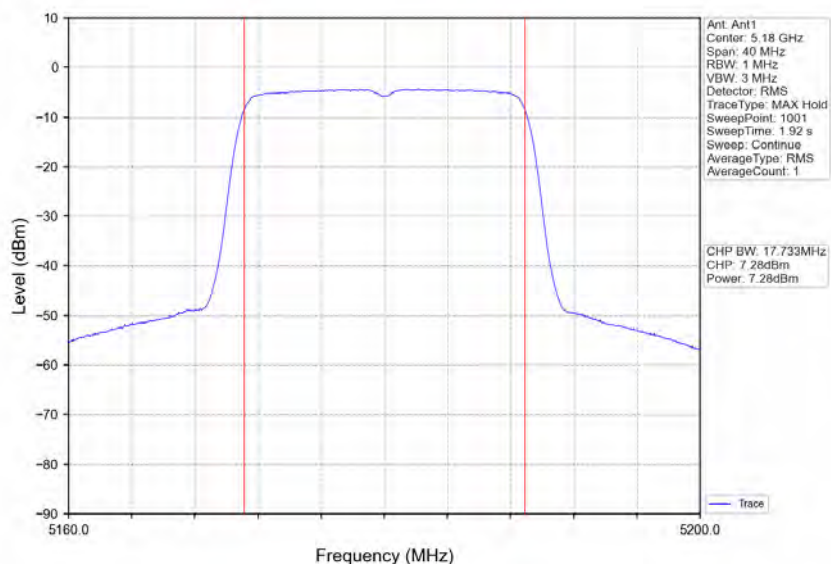
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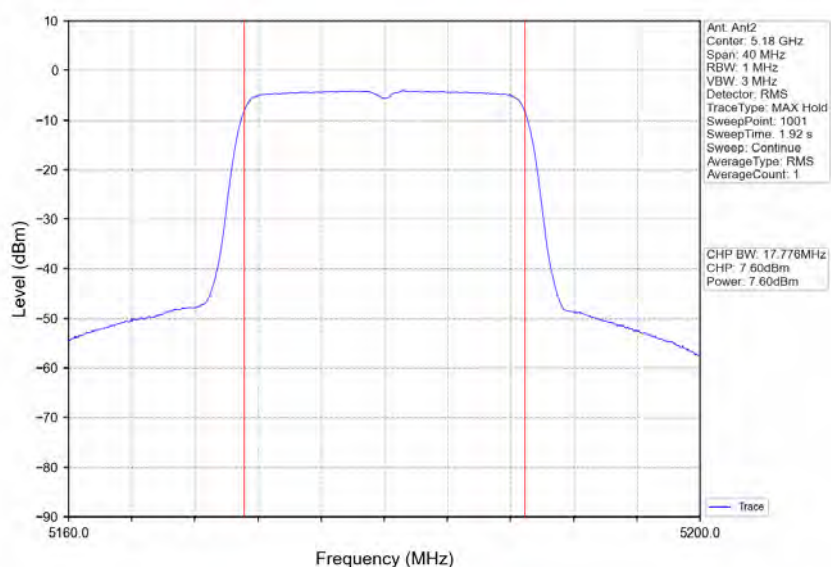
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802.11n(HT20) LCH 5180MHz Ant1 NTN



802.11n(HT20) LCH 5180MHz Ant2 NTN



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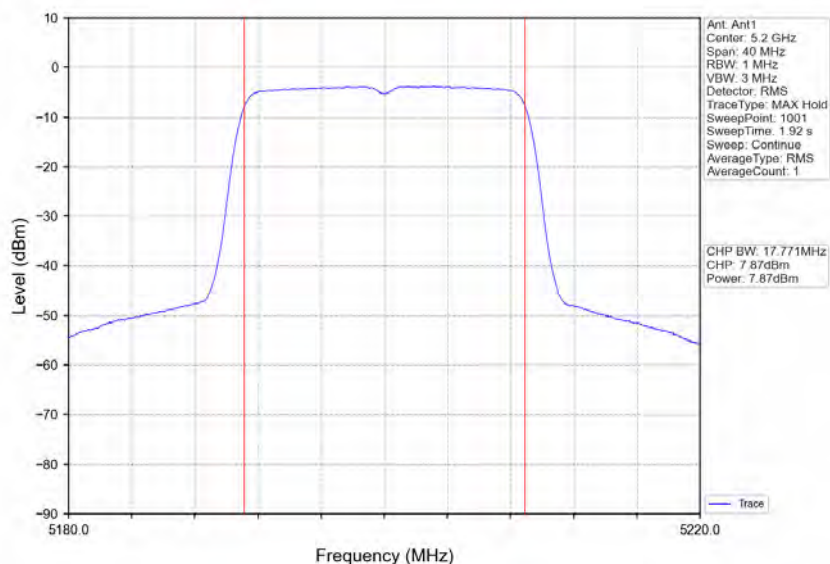
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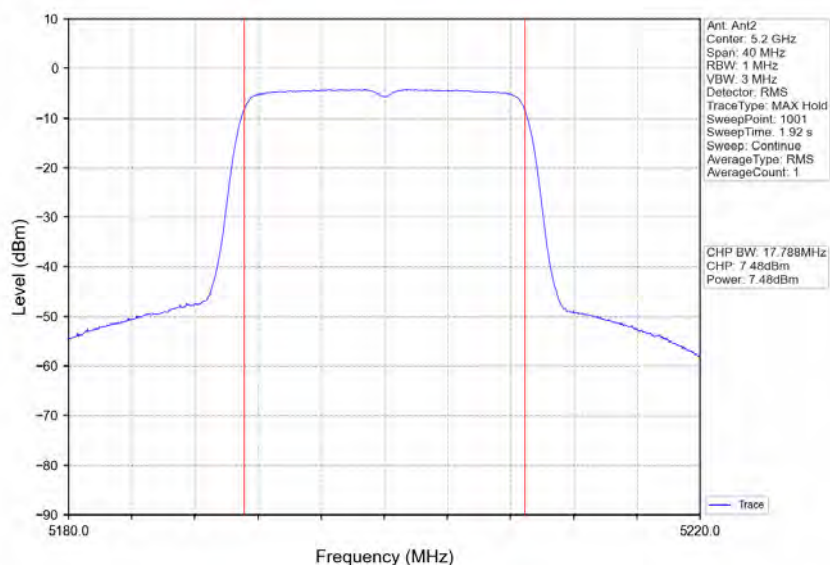
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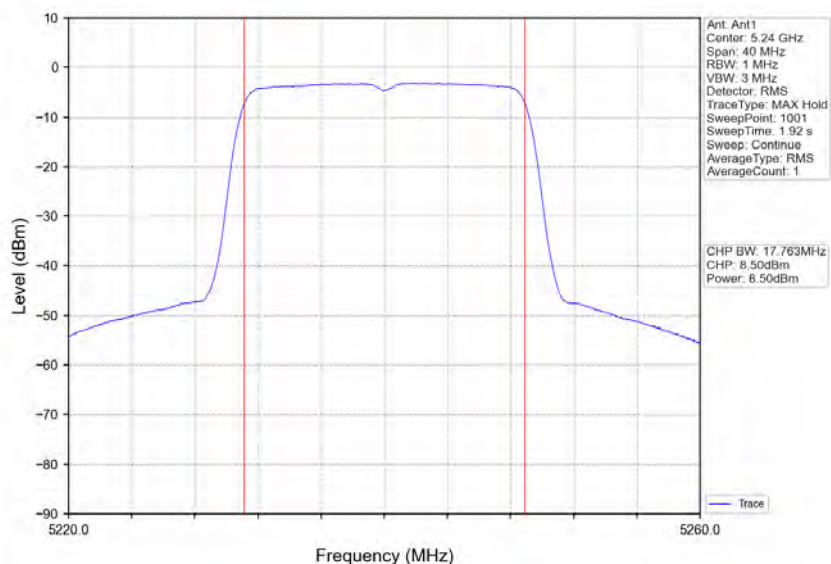
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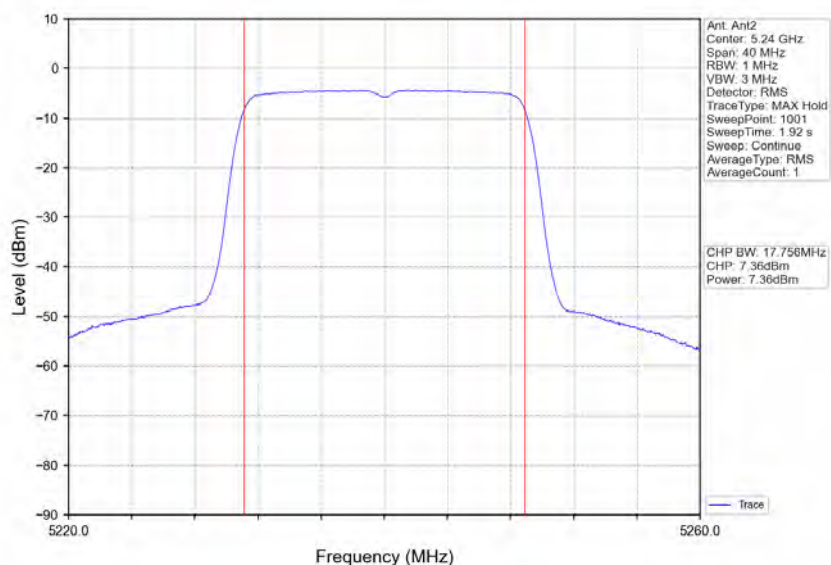
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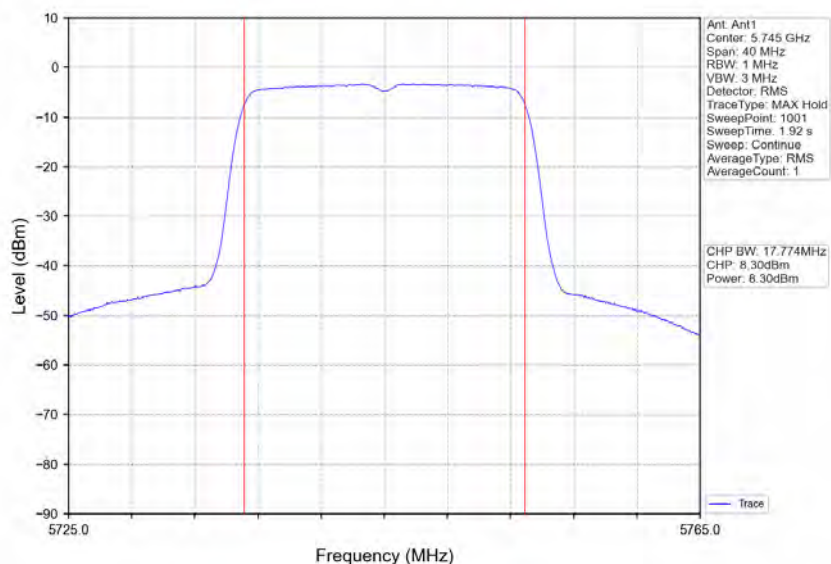
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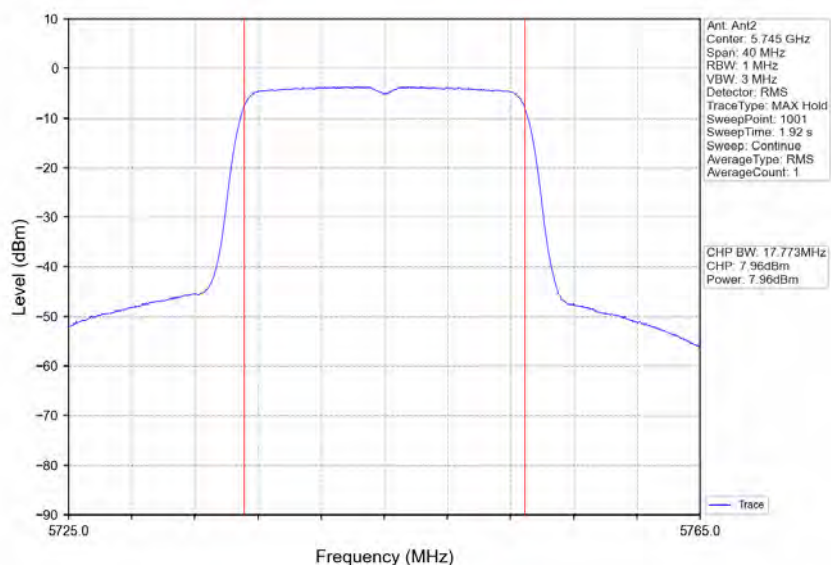
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802.11n(HT20) LCH 5745MHz Ant1 NTN



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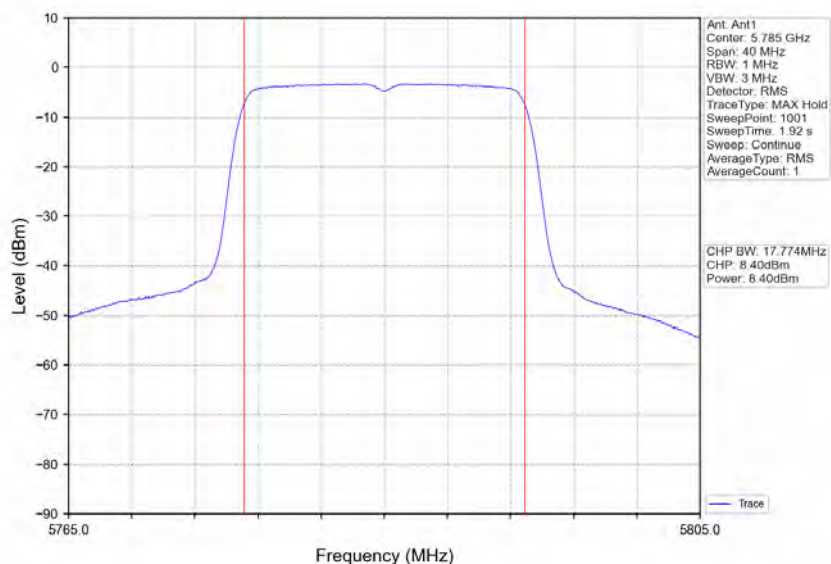
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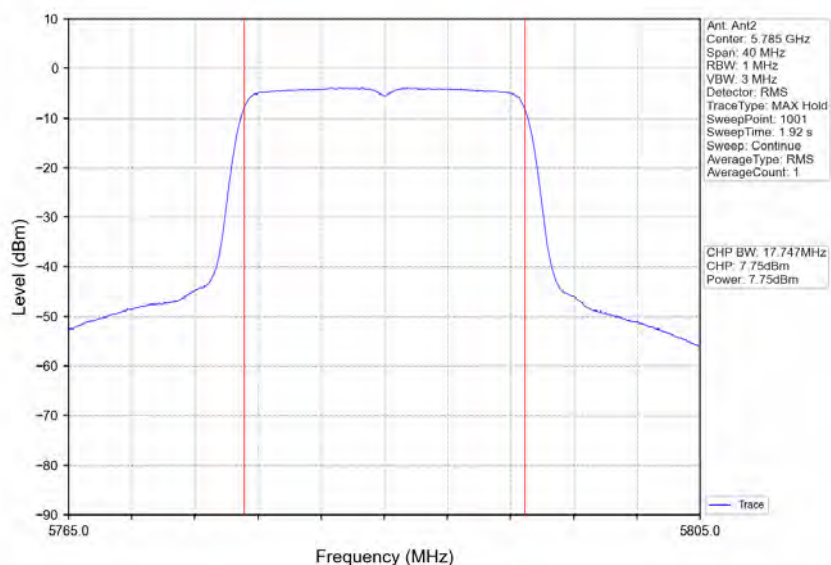
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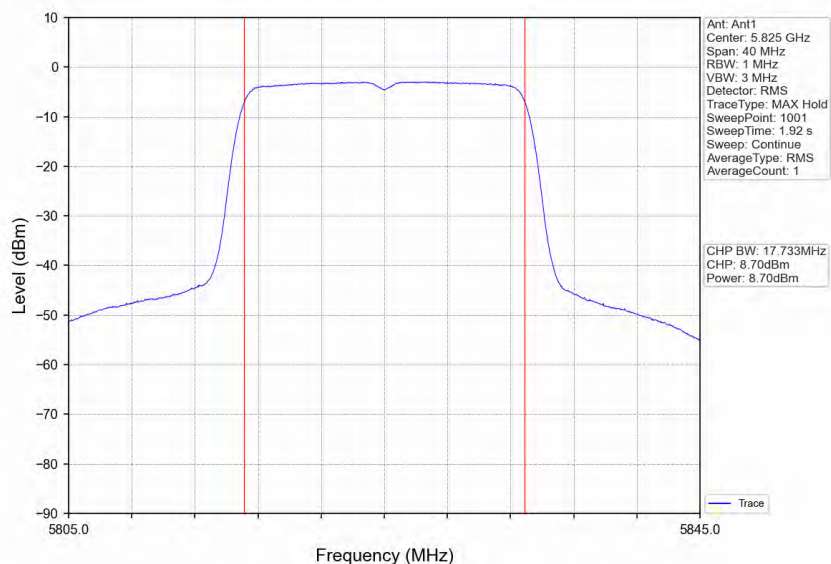
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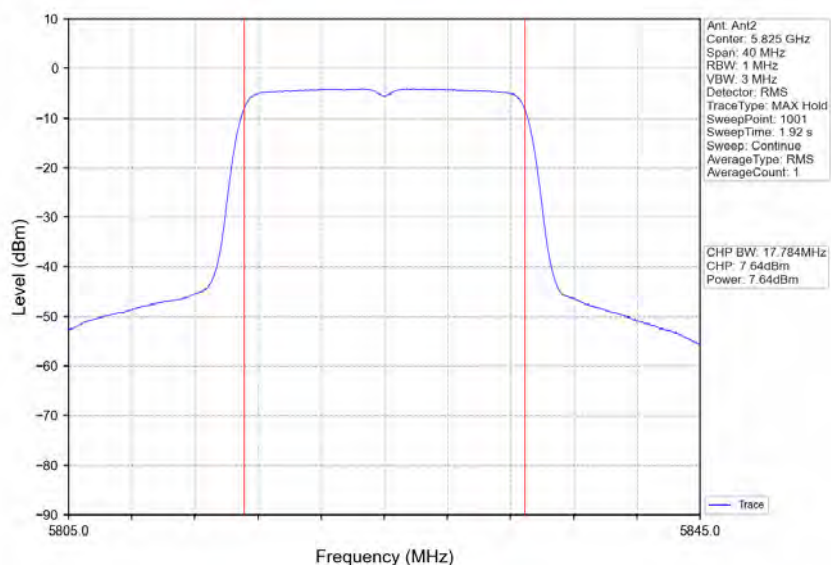
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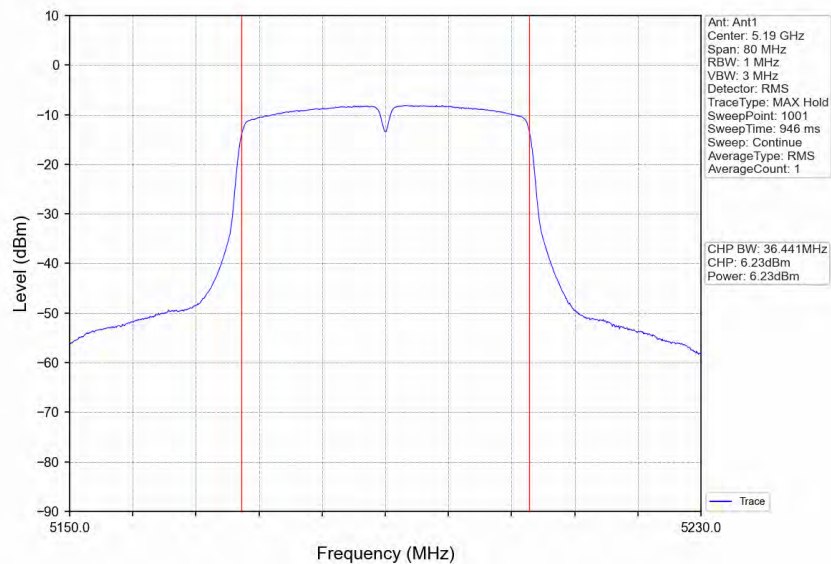
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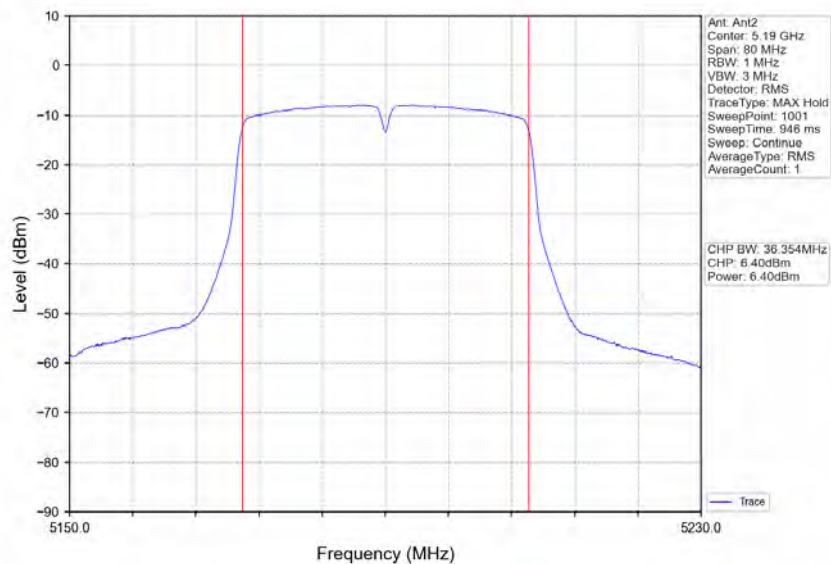
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802.11n(HT40) LCH 5190MHz Ant2 NTN



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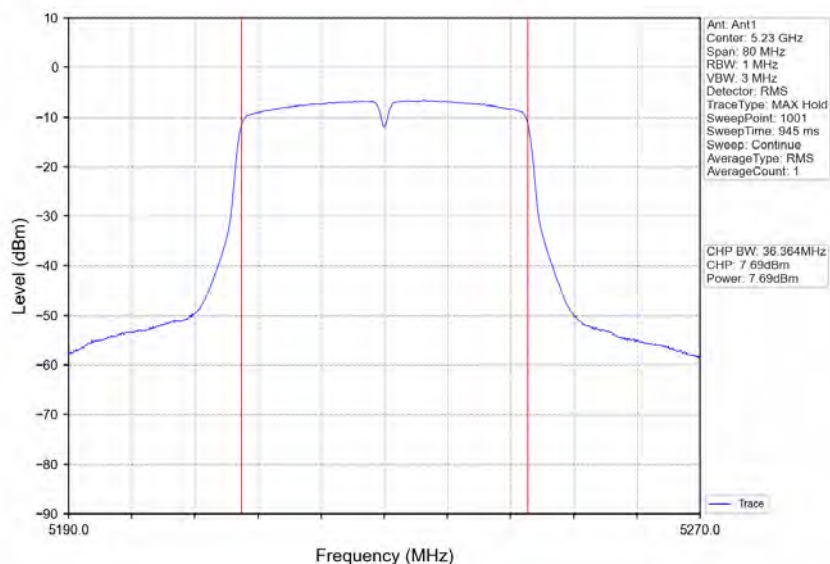
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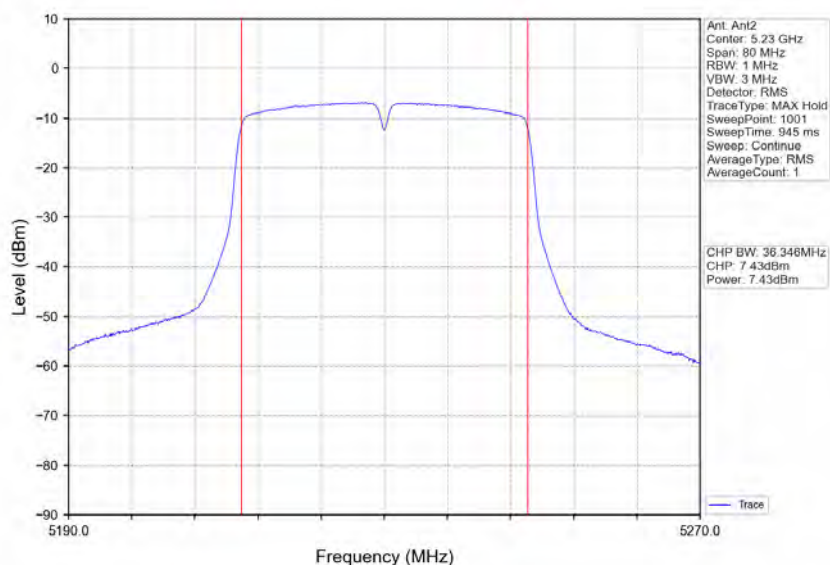
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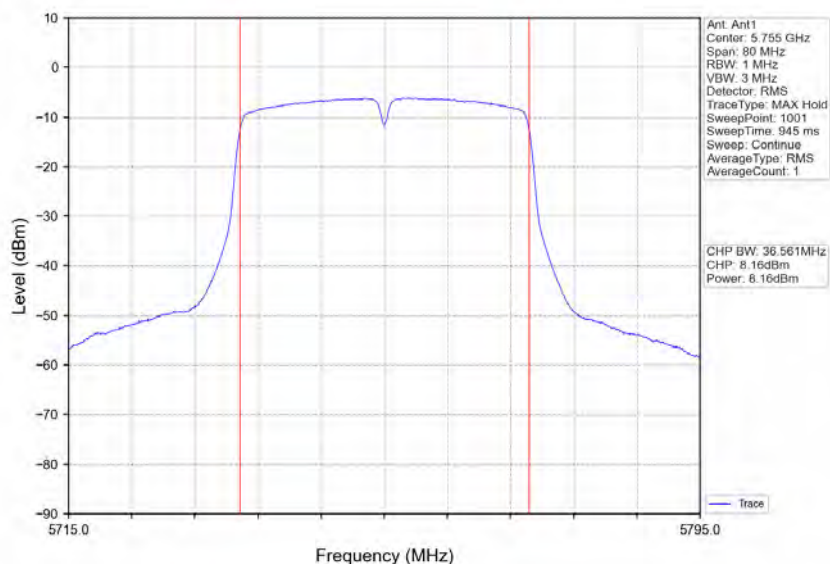
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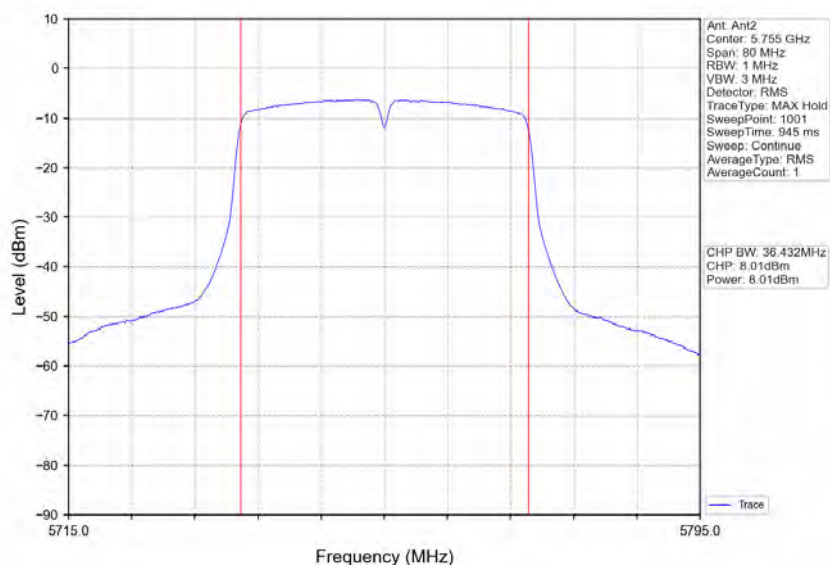
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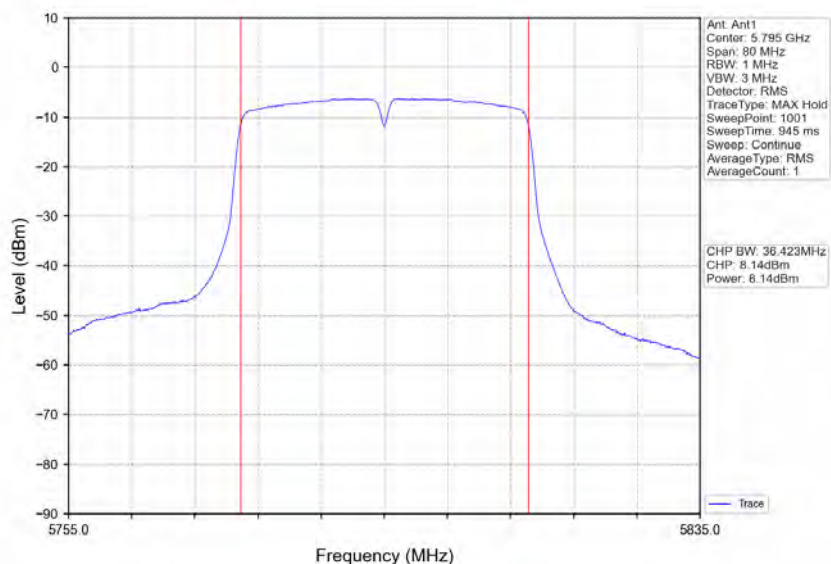
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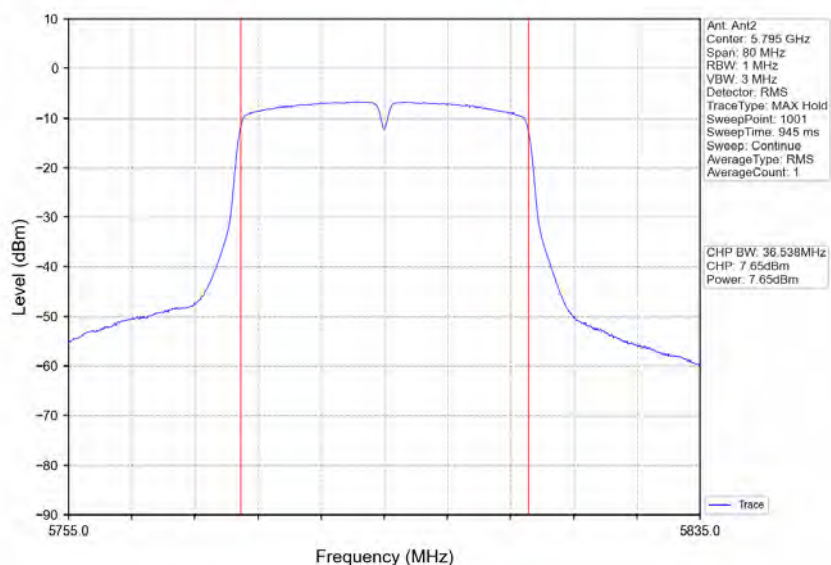
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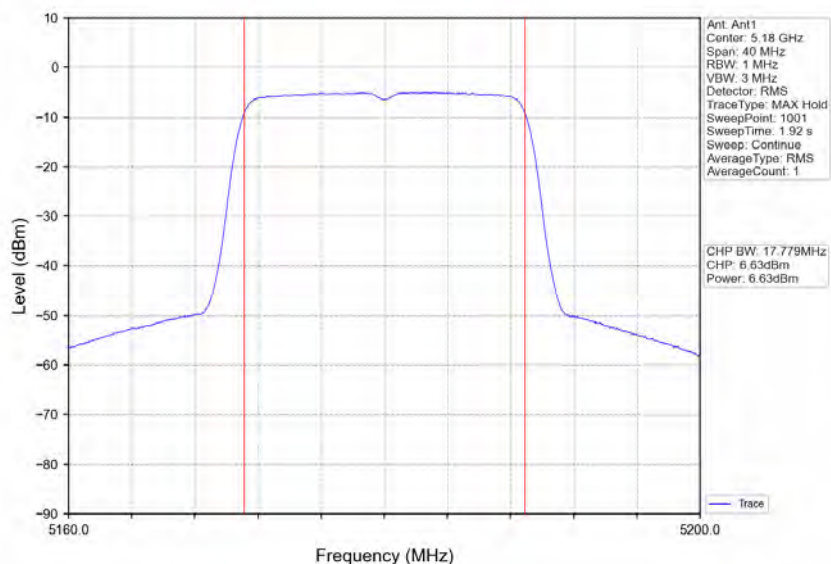
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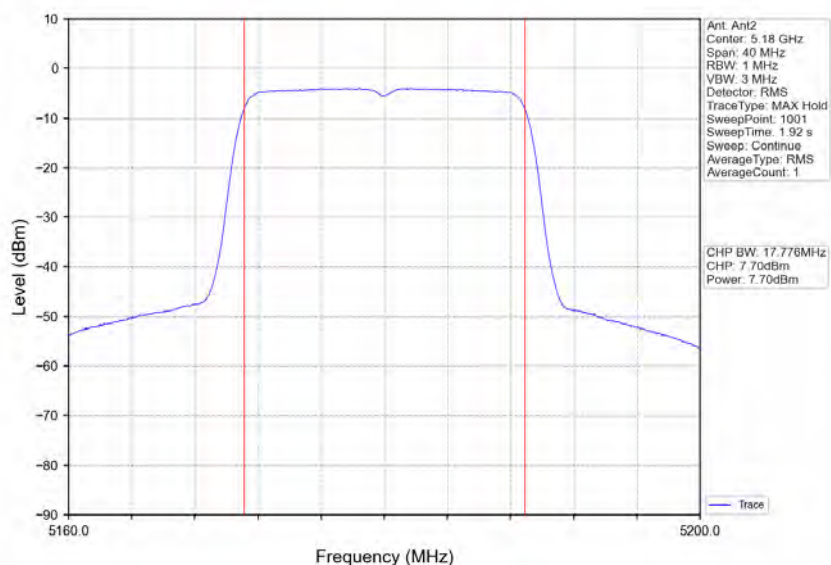
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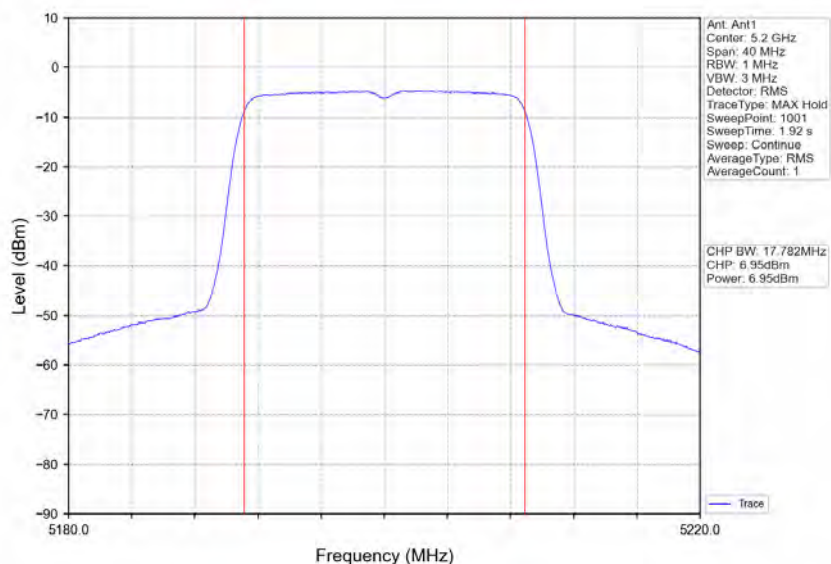
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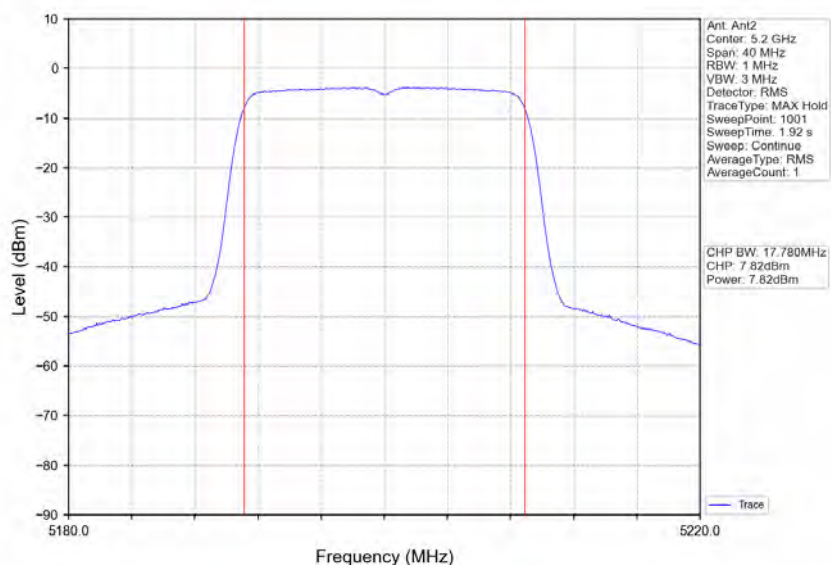
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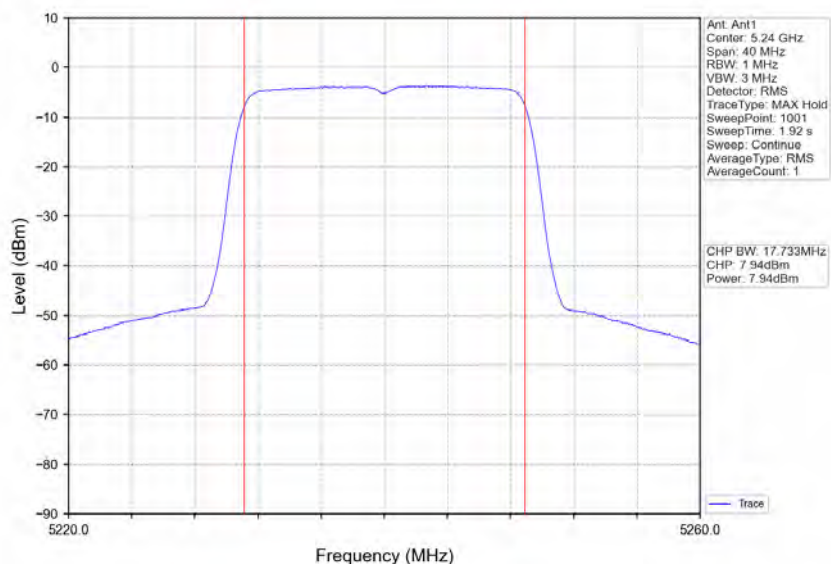
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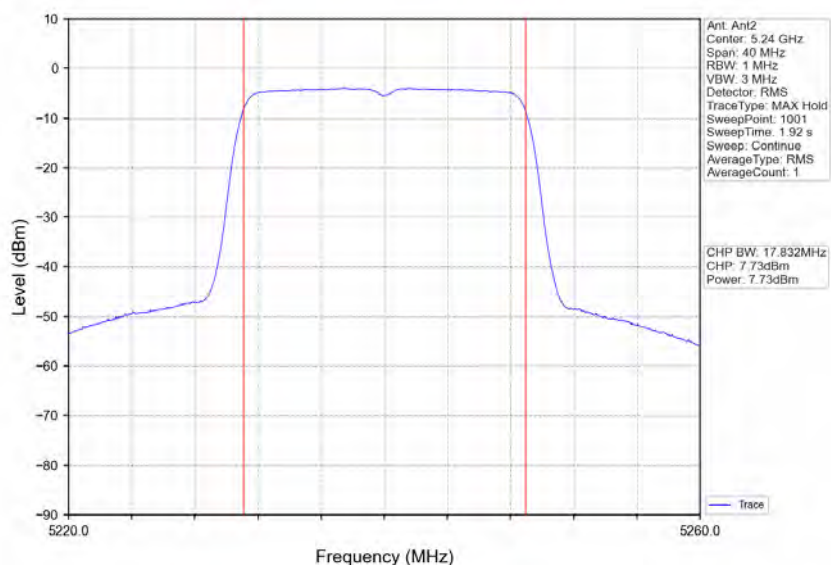
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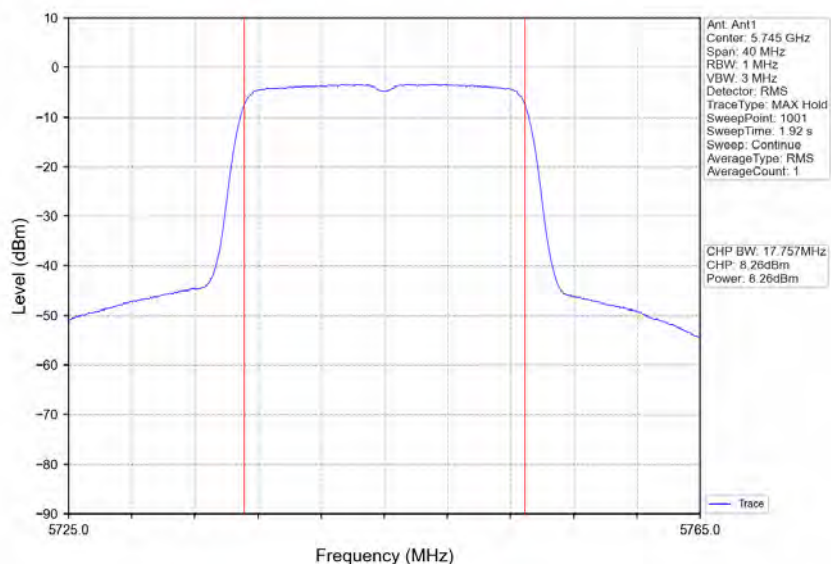
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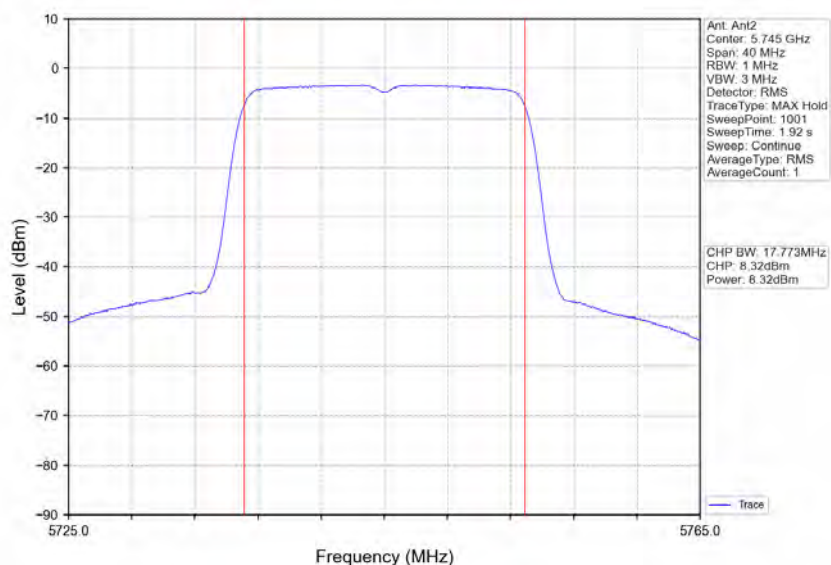
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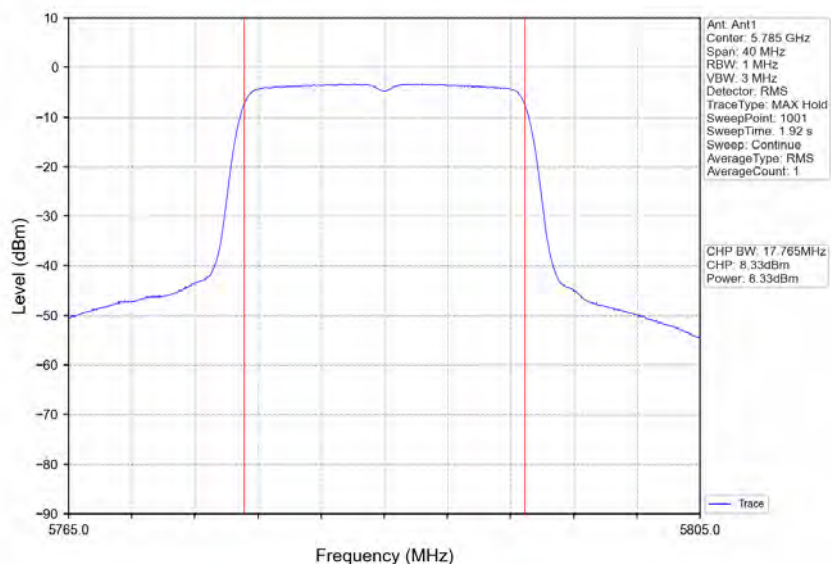
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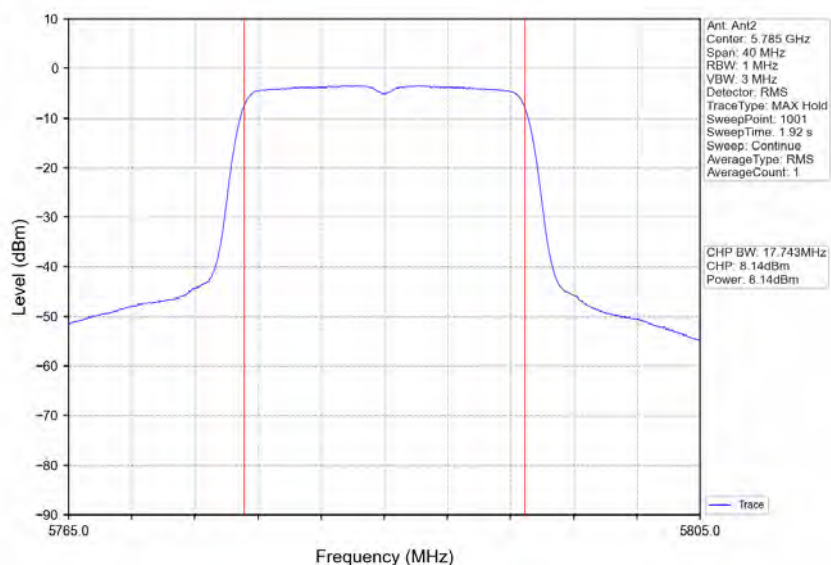
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802.11ac(VHT20)_MCH_5785MHz_Ant1_NTNV



802.11ac(VHT20)_MCH_5785MHz_Ant2_NTNV



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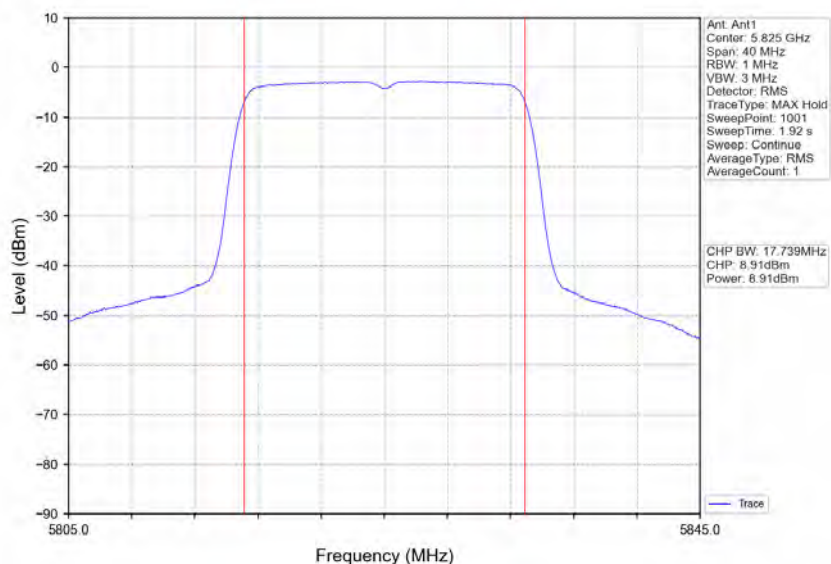
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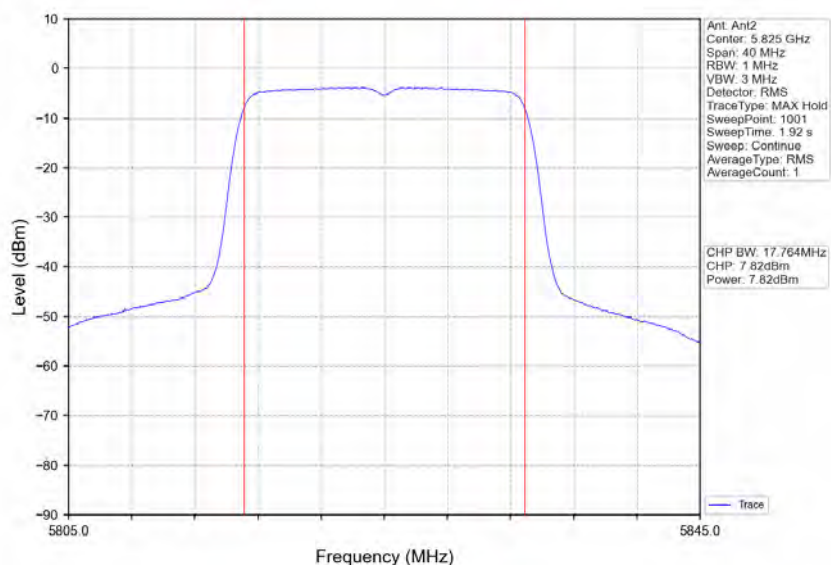
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802.11ac(VHT20)_HCH_5825MHz_Ant1_NTNV



802.11ac(VHT20)_HCH_5825MHz_Ant2_NTNV



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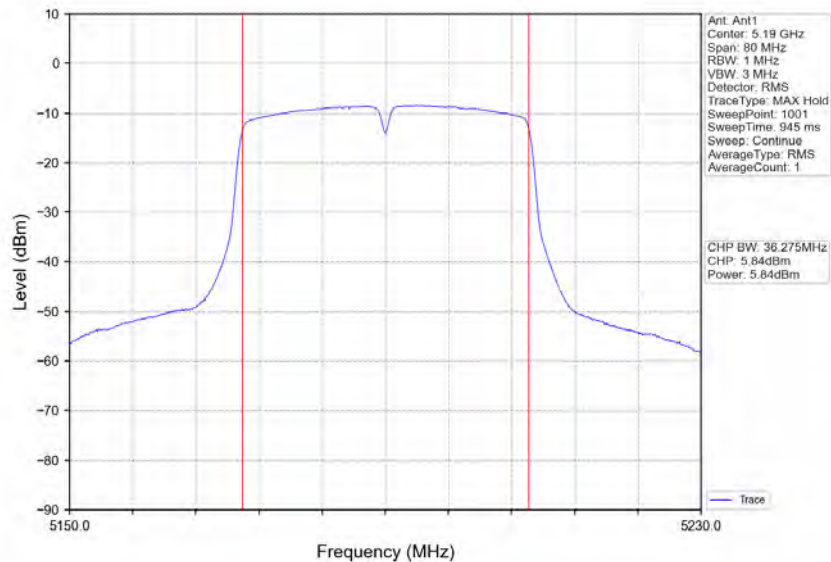
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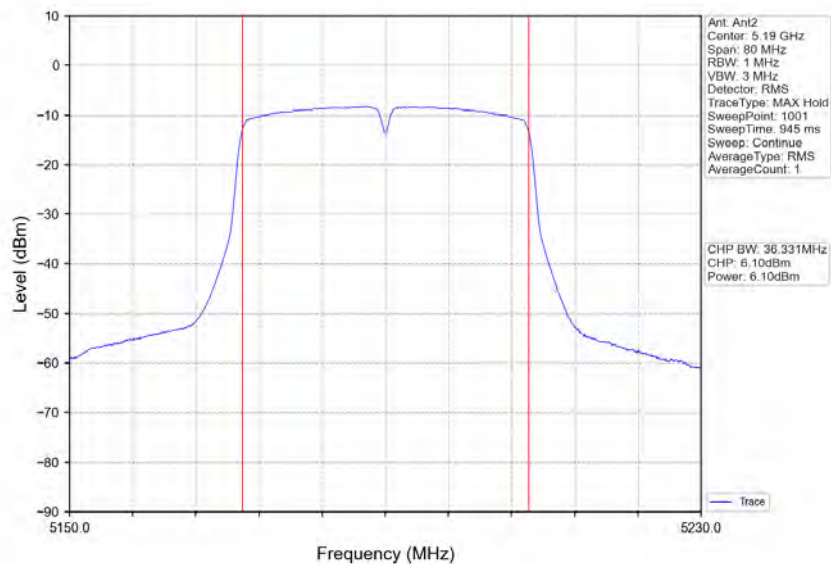
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802.11ac(VHT40) LCH 5190MHz Ant1 NTN



802.11ac(VHT40) LCH 5190MHz Ant2 NTN



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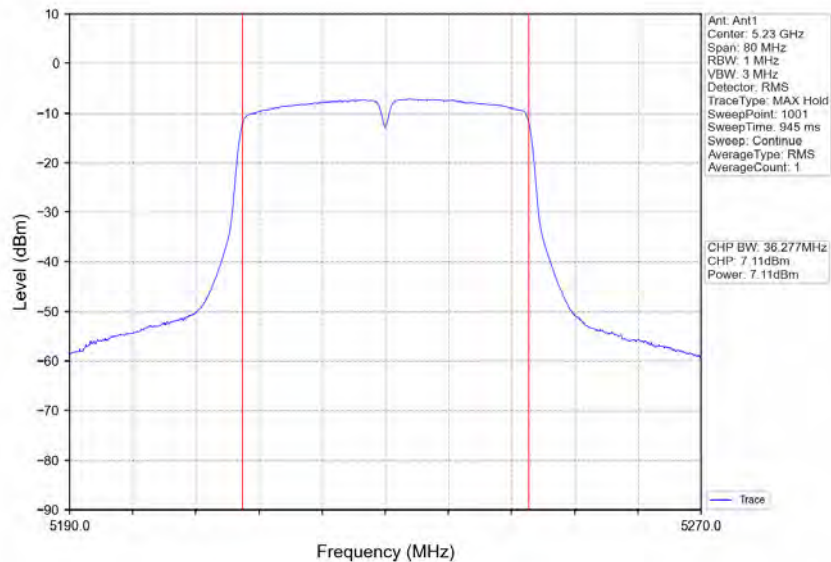
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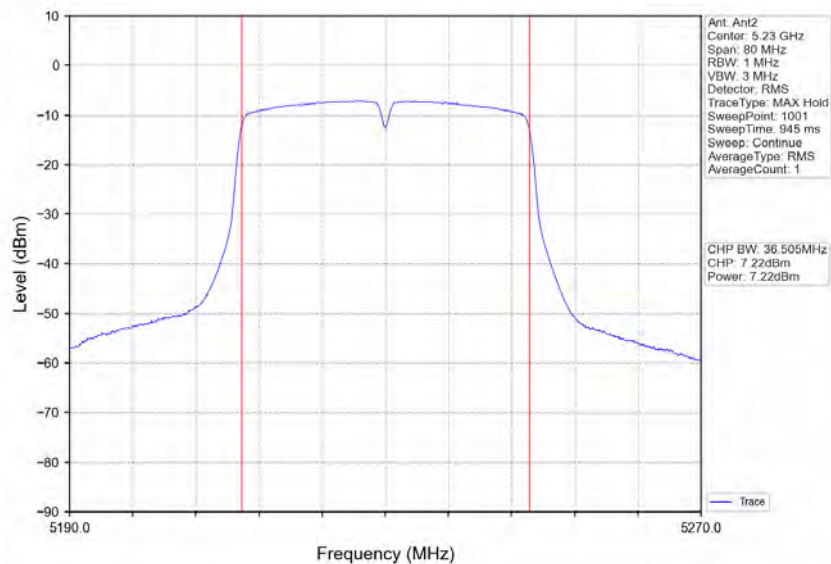
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802.11ac(VHT40)_HCH_5230MHz_Ant1_NTNV



802.11ac(VHT40)_HCH_5230MHz_Ant2_NTNV



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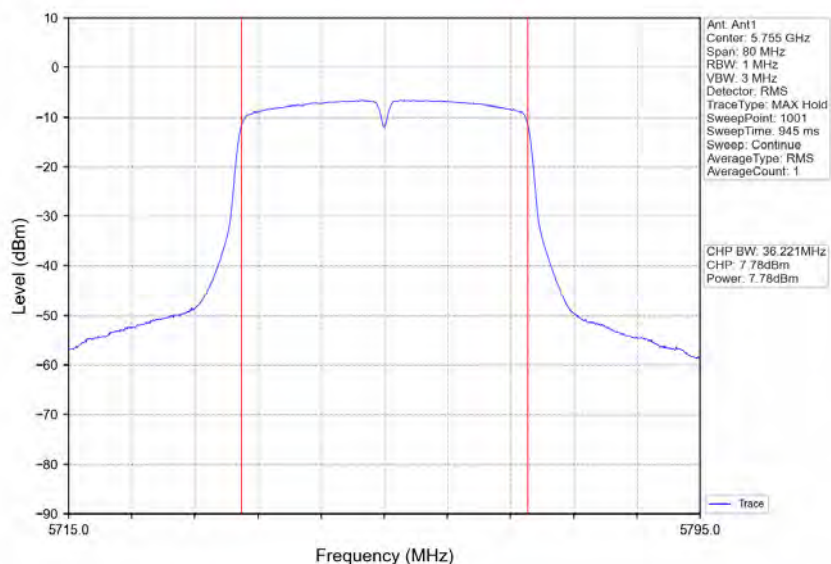
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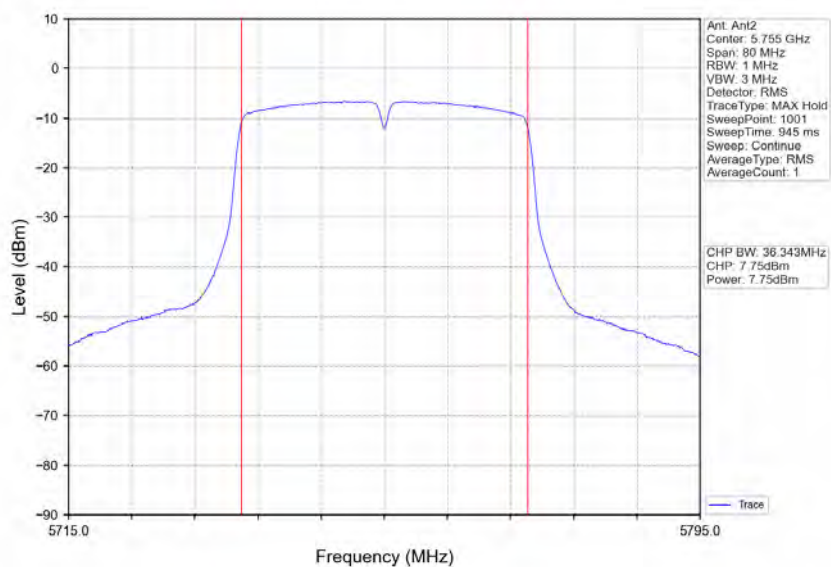
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802.11ac(VHT40) LCH 5755MHz Ant1 NTN



802.11ac(VHT40) LCH 5755MHz Ant2 NTN



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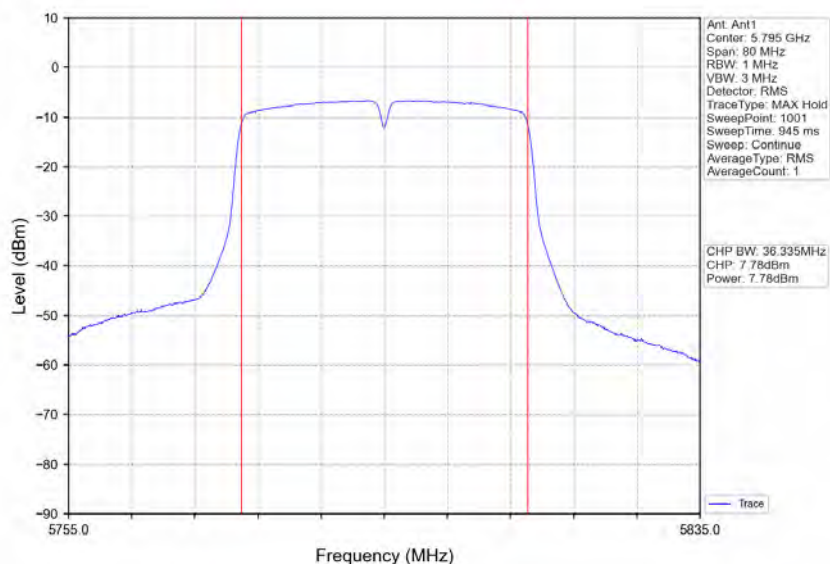
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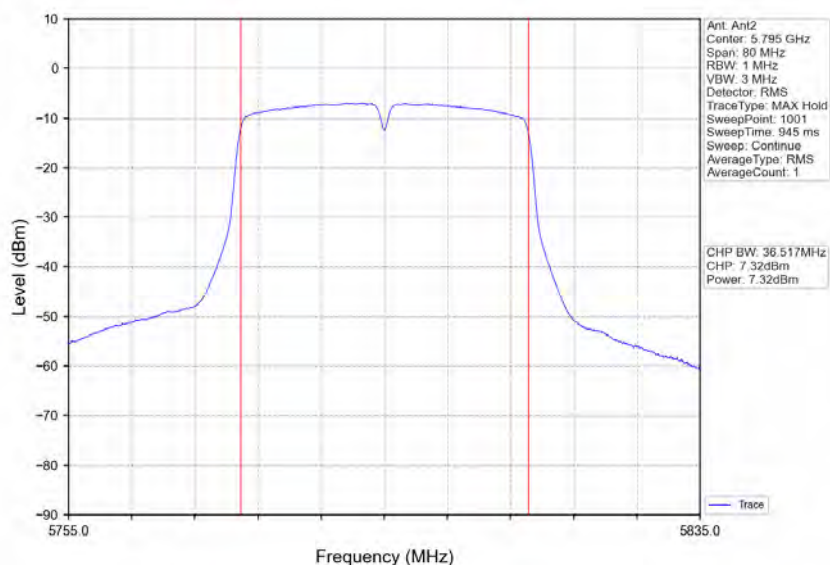
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802.11ac(VHT40)_HCH_5795MHz_Ant1_NTNV



802.11ac(VHT40)_HCH_5795MHz_Ant2_NTNV



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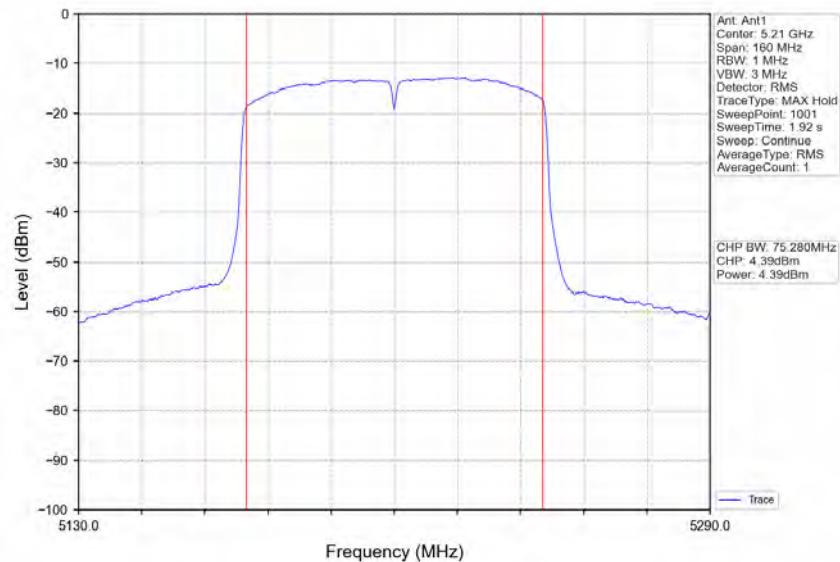
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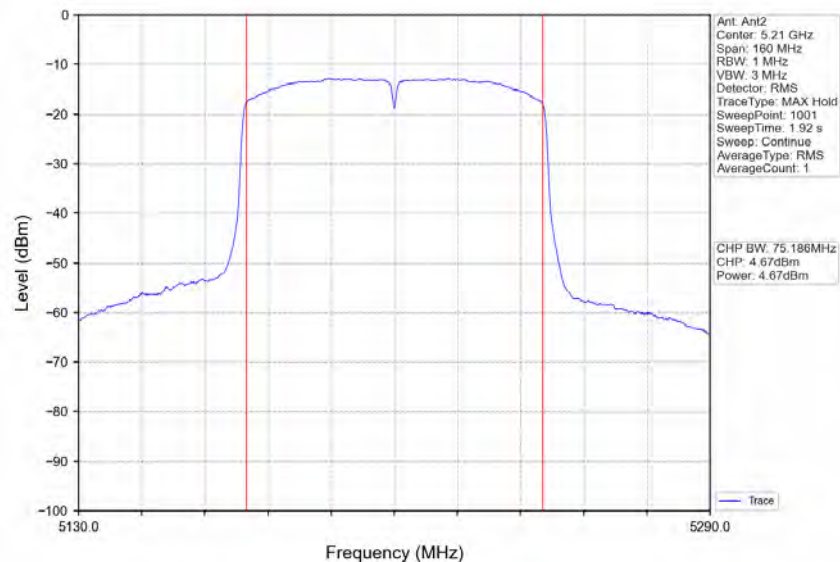
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802.11ac(VHT80)_MCH_5210MHz_Ant1_NTNV



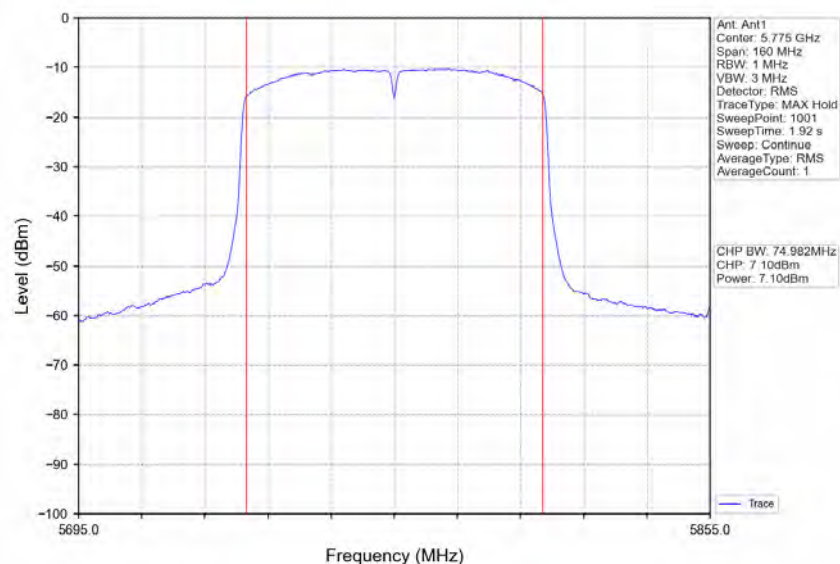
802.11ac(VHT80)_MCH_5210MHz_Ant2_NTNV



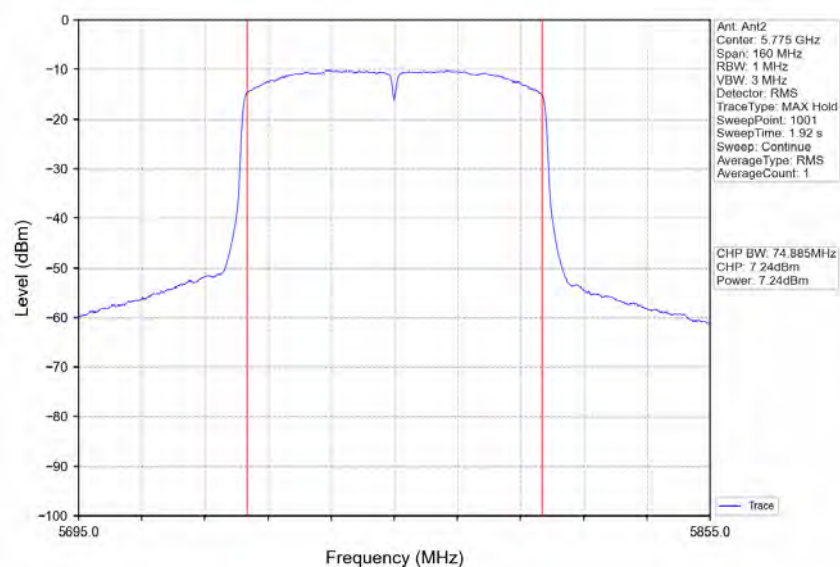
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802.11ac(VHT80)_MCH_5775MHz_Ant1_NTNV



802.11ac(VHT80)_MCH_5775MHz_Ant2_NTNV



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4. Maximum Power Spectral Density

4.1 PSD

4.1.1 Test Result

Mode	TX Type	Frequency (MHz)	Maximum PSD (dBm/MHz)				Verdict
			Ant1	Ant2	MIMO	Limit	
802.11a	SISO	5180	-3.97	-3.18	/	<=11	Pass
		5200	-3.56	-3.06	/	<=11	Pass
		5240	-2.71	-3.16	/	<=11	Pass
802.11n (HT20)	MIMO	5180	-4.34	-3.99	-1.24	<=10.65	Pass
		5200	-3.86	-4.17	-1.09	<=10.65	Pass
		5240	-3.15	-4.22	-0.75	<=10.65	Pass
802.11n (HT40)	MIMO	5190	-8.07	-7.96	-5.05	<=10.65	Pass
		5230	-6.65	-6.88	-3.84	<=10.65	Pass
802.11ac (VHT20)	MIMO	5180	-5.04	-3.90	-1.49	<=10.65	Pass
		5200	-4.71	-3.82	-1.29	<=10.65	Pass
		5240	-3.65	-3.90	-0.85	<=10.65	Pass
802.11ac (VHT40)	MIMO	5190	-8.47	-8.16	-5.37	<=10.65	Pass
		5230	-7.14	-7.13	-4.22	<=10.65	Pass
802.11ac (VHT80)	MIMO	5210	-12.72	-12.76	-9.82	<=10.65	Pass

Note1: Antenna Gain: Ant1: 3.06dBi; Ant2: 3.60dBi;

4.1.2 Test Result for IC

Mode	TX Type	Frequency (MHz)	Maximum PSD (dBm/MHz)			EIRP PSD (dBm/MHz)			Limit	Verdict
			Ant1	Ant2	MIMO	Ant1	Ant2	MIMO		
802.11a	SISO	5180	-3.97	-3.18	/	-0.91	0.42	/	<=10	Pass
		5200	-3.56	-3.06	/	-0.50	0.54	/	<=10	Pass
		5240	-2.71	-3.16	/	0.35	0.44	/	<=10	Pass
802.11n (HT20)	MIMO	5180	-4.34	-3.99	-1.24	-1.28	-0.39	2.20	<=10	Pass
		5200	-3.86	-4.17	-1.09	-0.80	-0.57	2.33	<=10	Pass
		5240	-3.15	-4.22	-0.75	-0.09	-0.62	2.66	<=10	Pass
802.11n (HT40)	MIMO	5190	-8.07	-7.96	-5.05	-5.01	-4.36	-1.66	<=10	Pass
		5230	-6.65	-6.88	-3.84	-3.59	-3.28	-0.42	<=10	Pass
802.11ac (VHT20)	MIMO	5180	-5.04	-3.90	-1.49	-1.98	-0.30	1.95	<=10	Pass
		5200	-4.71	-3.82	-1.29	-1.65	-0.22	2.13	<=10	Pass
		5240	-3.65	-3.90	-0.85	-0.59	-0.30	2.57	<=10	Pass
802.11ac (VHT40)	MIMO	5190	-8.47	-8.16	-5.37	-5.41	-4.56	-1.95	<=10	Pass
		5230	-7.14	-7.13	-4.22	-4.08	-3.53	-0.79	<=10	Pass
802.11ac (VHT80)	MIMO	5210	-12.72	-12.76	-9.82	-9.66	-9.16	-6.39	<=10	Pass

Note1: Antenna Gain: Ant1: 3.06dBi; Ant2: 3.60dBi;



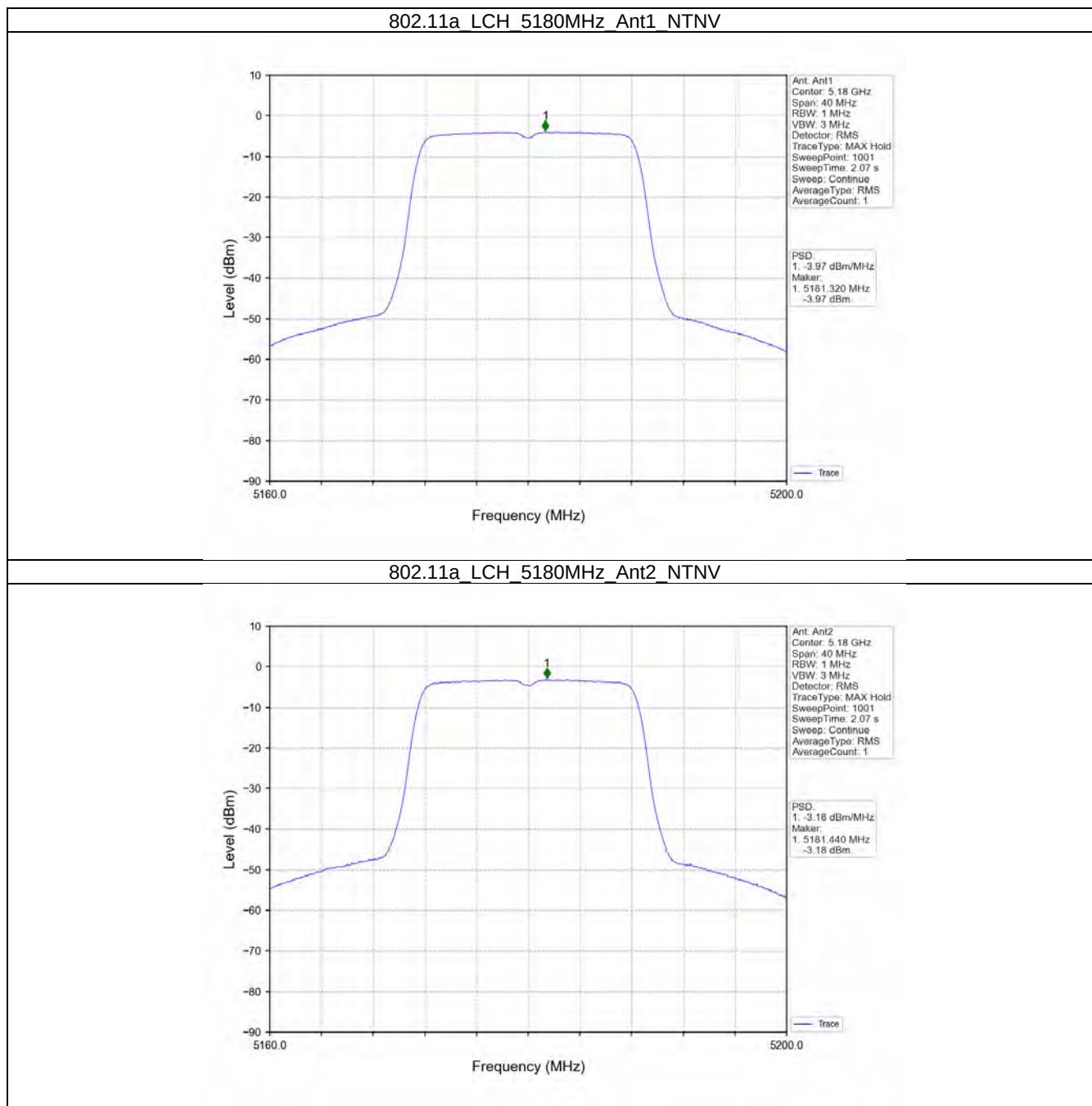
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4.1.2 Test Graph



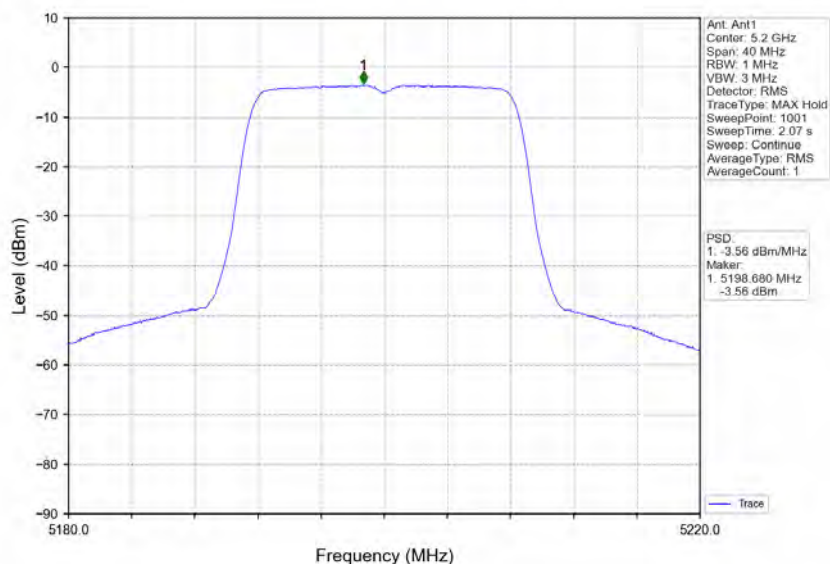
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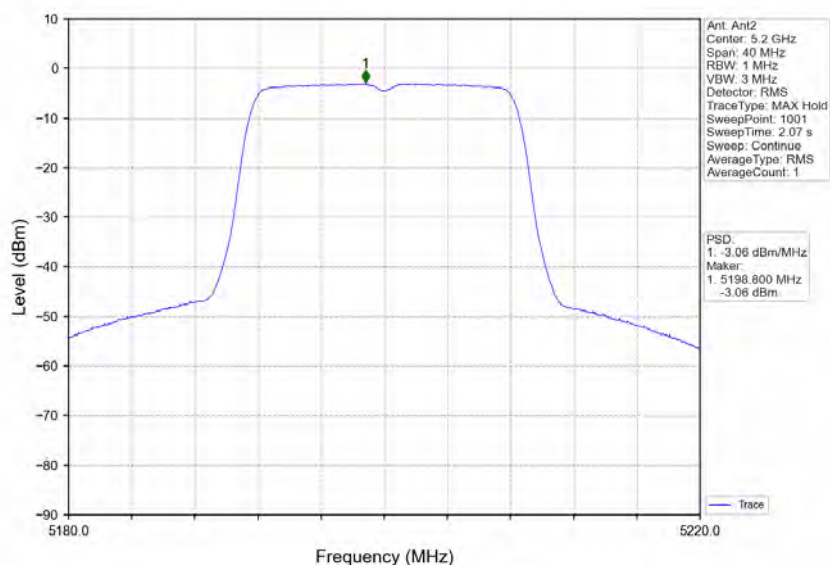
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802.11a_MCH_5200MHz_Ant1_NTNV



802.11a_MCH_5200MHz_Ant2_NTNV



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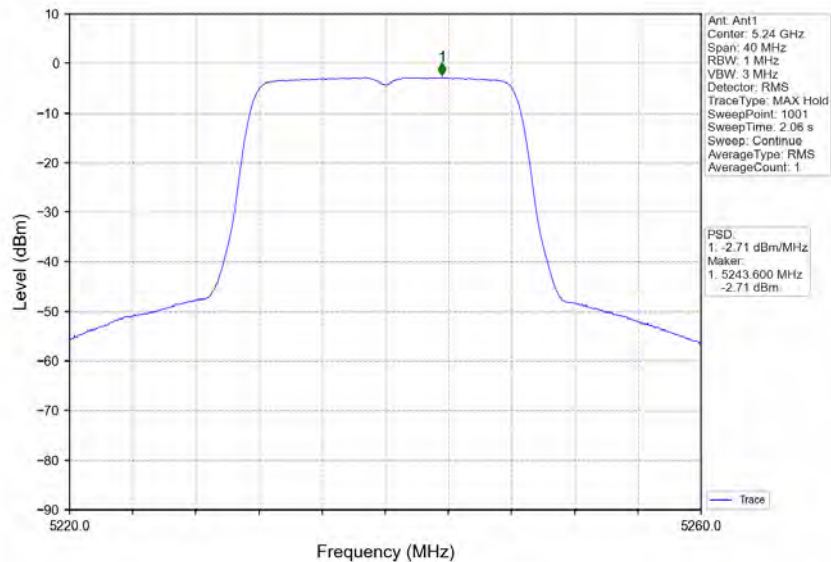
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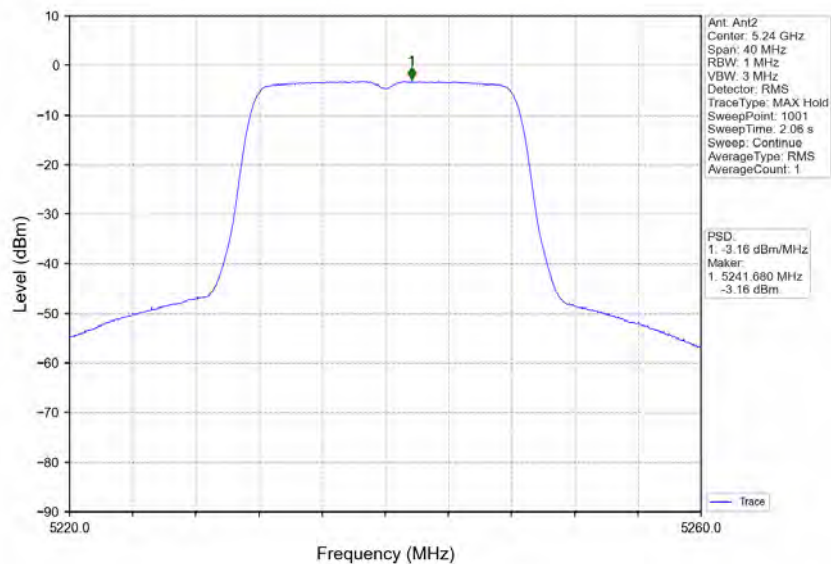
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802.11a_HCH_5240MHz_Ant1_NTNV



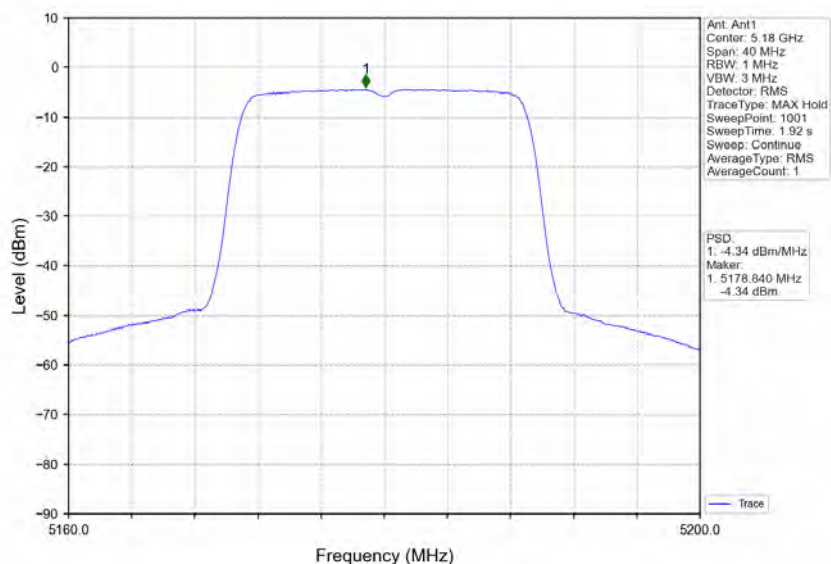
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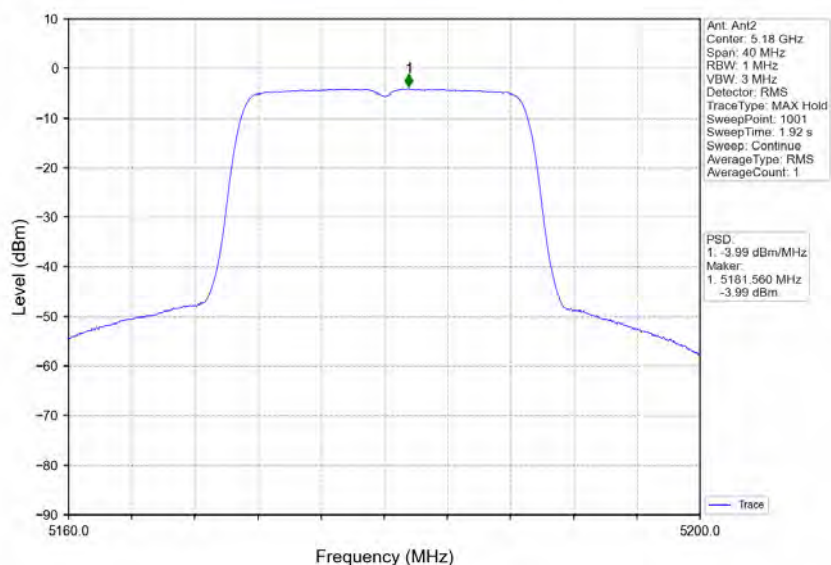
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802.11n(HT20) LCH 5180MHz Ant1 NTN



802.11n(HT20) LCH 5180MHz Ant2 NTN



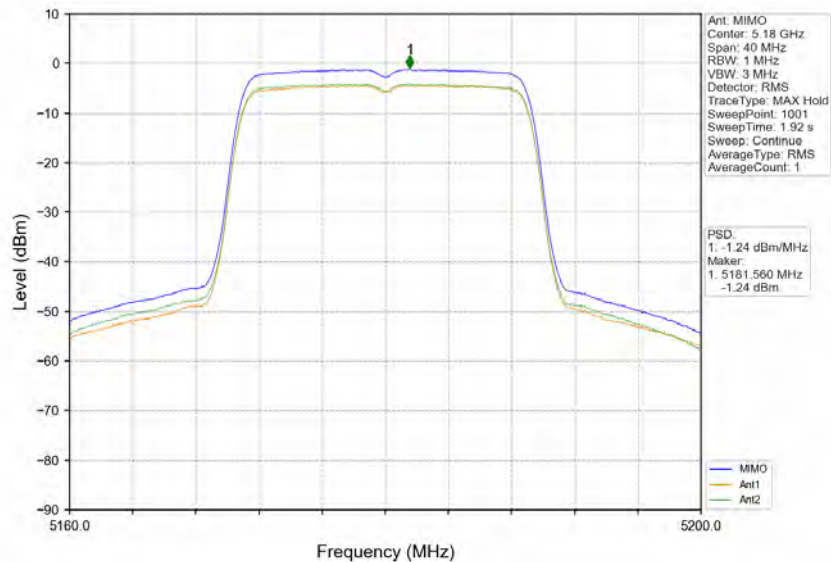
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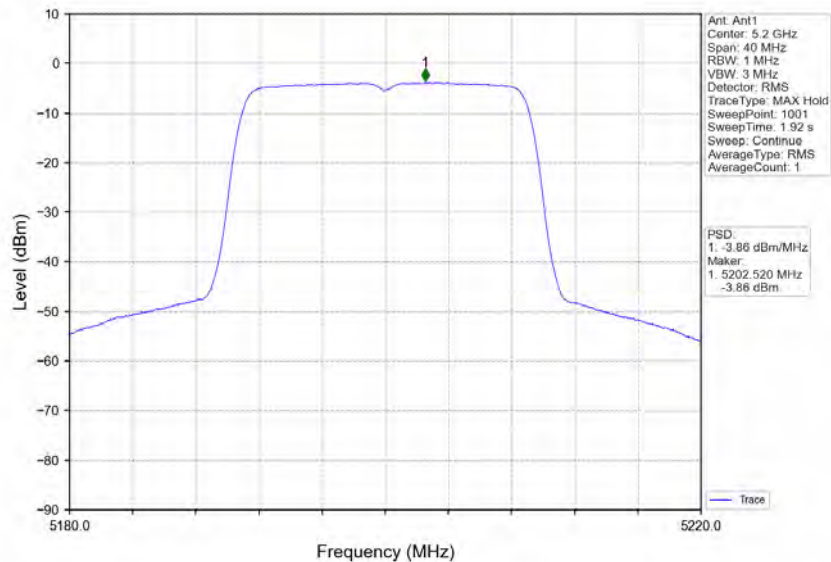
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802.11n(HT20)_LCH_5180MHz_MIMO_NTNV



802.11n(HT20)_MCH_5200MHz_Ant1_NTNV



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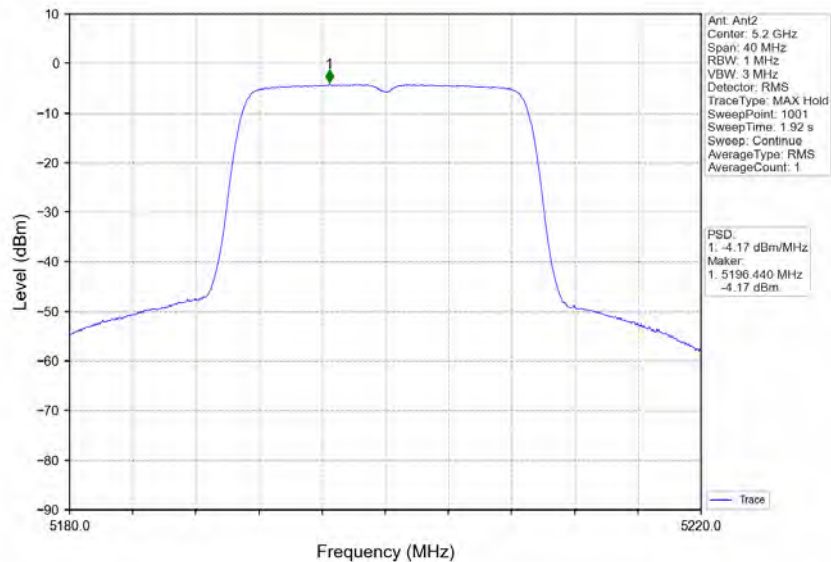
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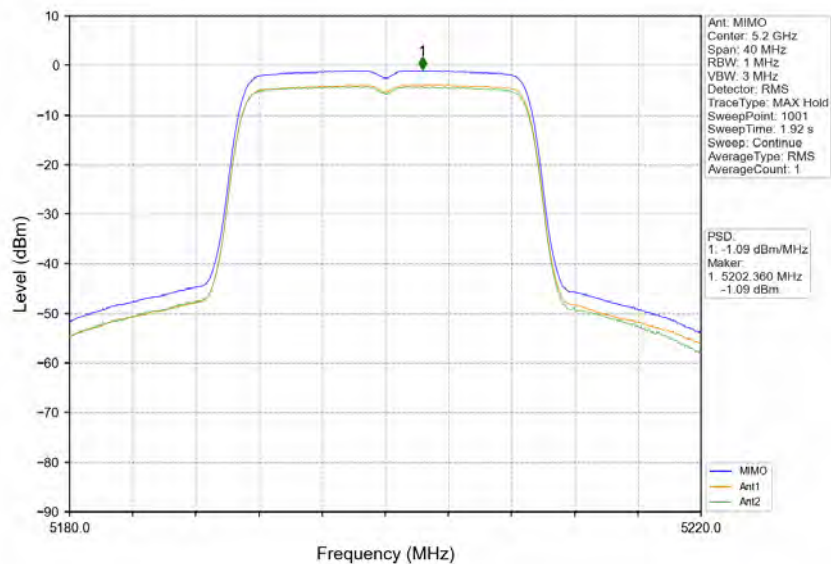
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802.11n(HT20)_MCH_5200MHz_Ant2_NTNV



802.11n(HT20)_MCH_5200MHz_MIMO_NTNV



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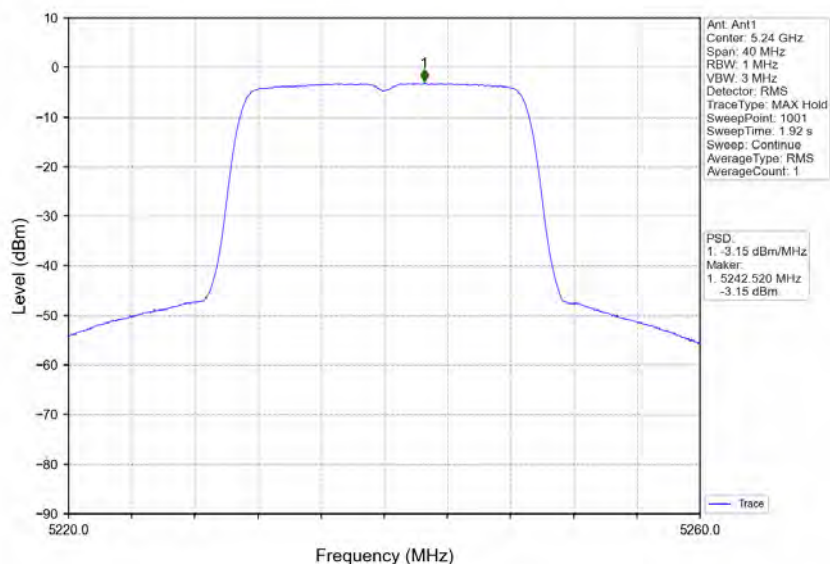
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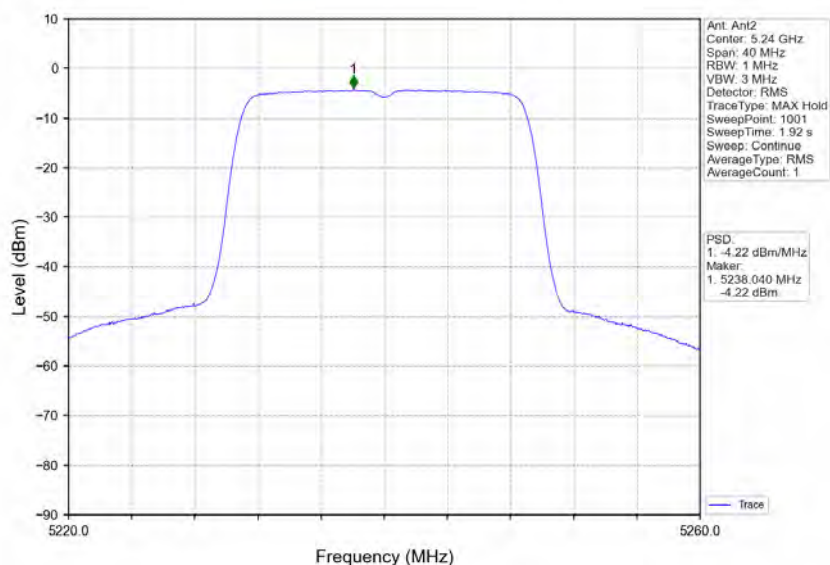
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802.11n(HT20)_HCH_5240MHz_Ant1_NTNV



802.11n(HT20)_HCH_5240MHz_Ant2_NTNV



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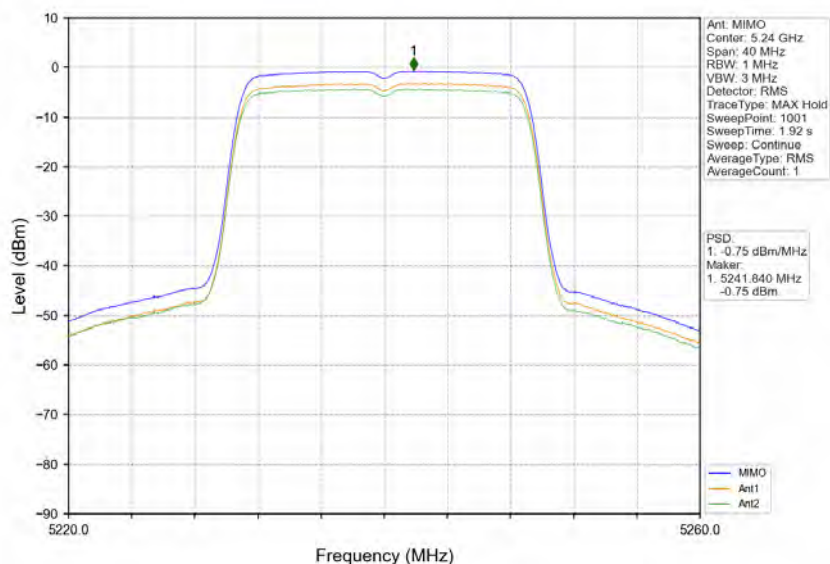
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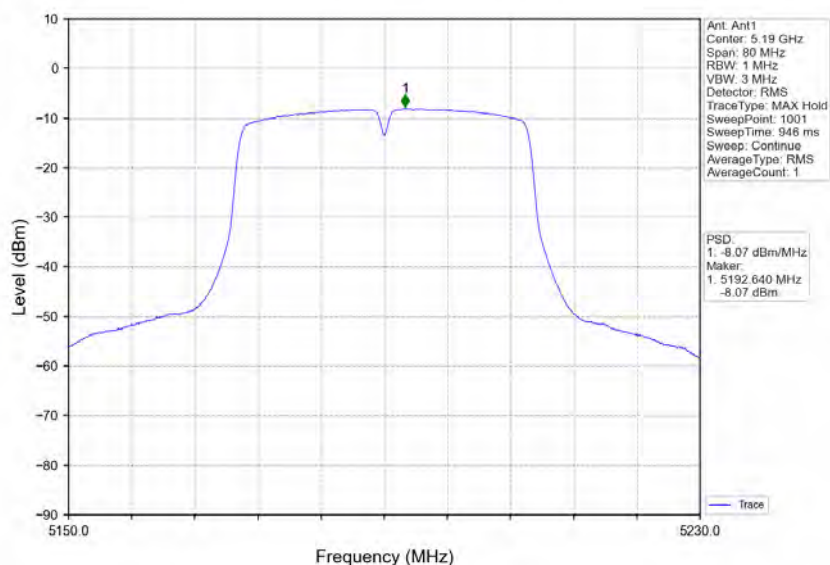
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802.11n(HT20) HCH 5240MHz MIMO NTNV



802.11n(HT40) LCH 5190MHz Ant1 NTNV



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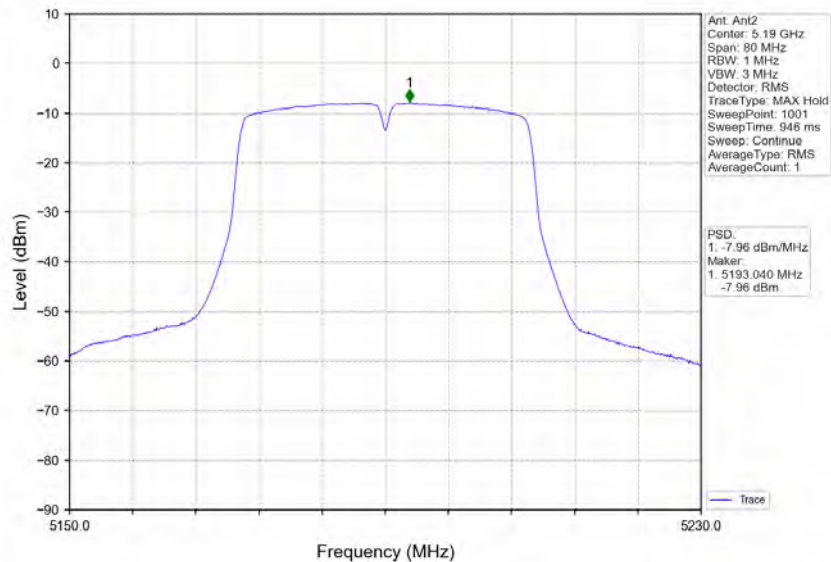
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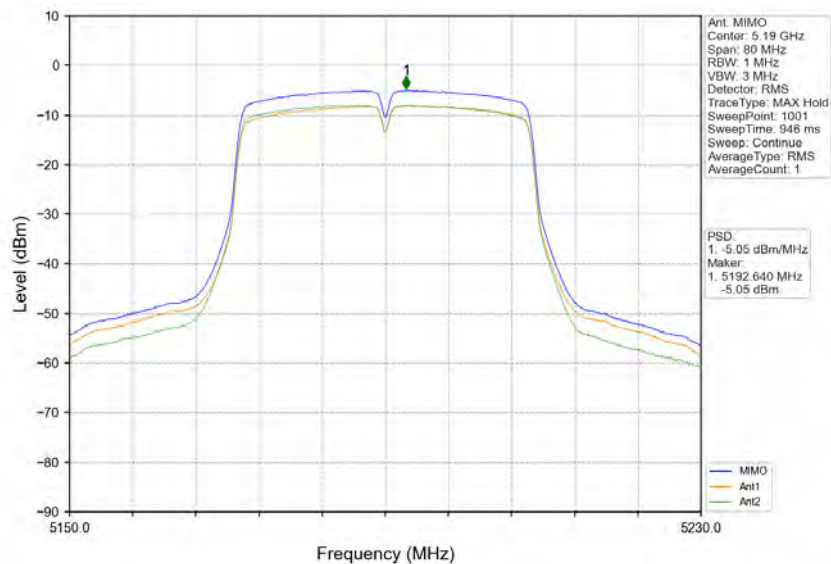
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802.11n(HT40) LCH 5190MHz Ant2 NTN



802.11n(HT40) LCH 5190MHz MIMO NTN



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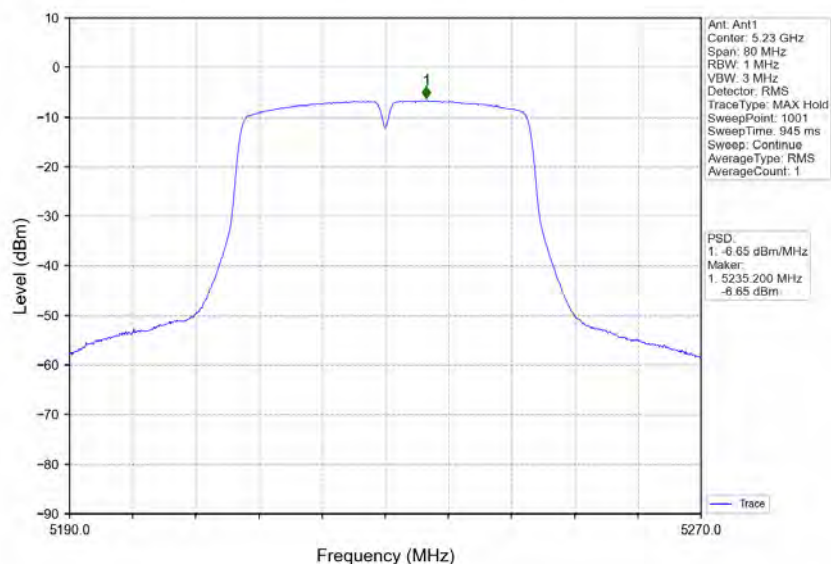
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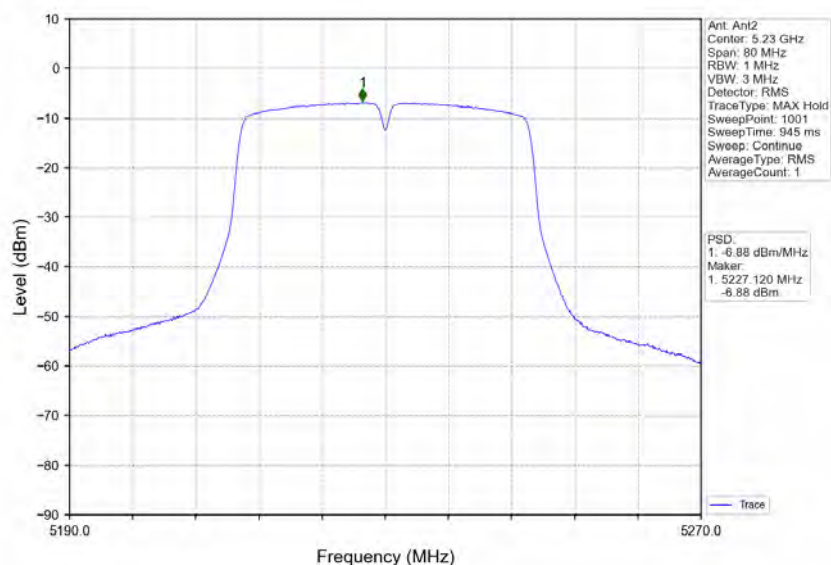
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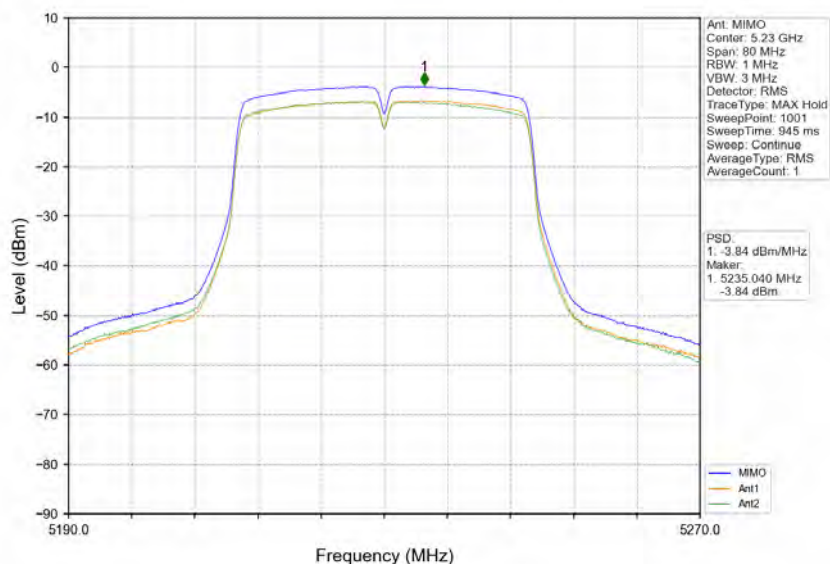
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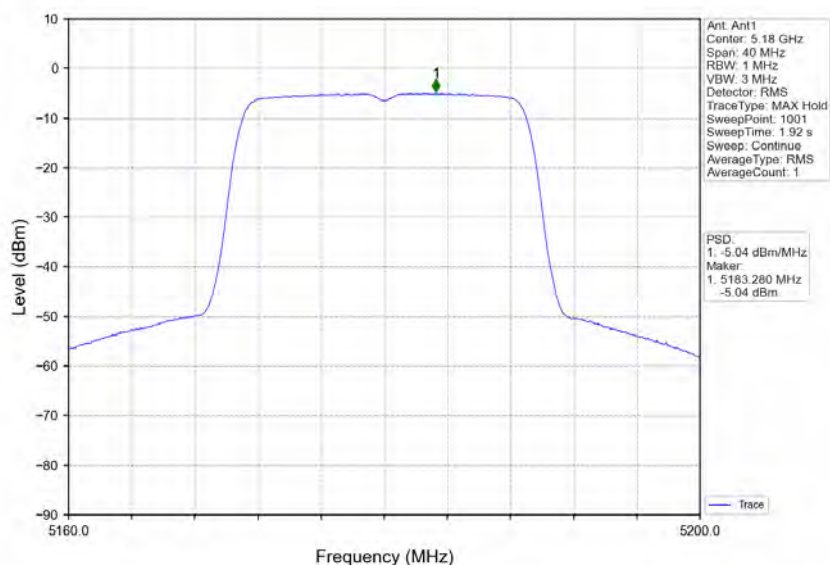
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802.11n(HT40) HCH 5230MHz MIMO_NTNV



802.11ac(VHT20)_LCH_5180MHz_Ant1_NTNV



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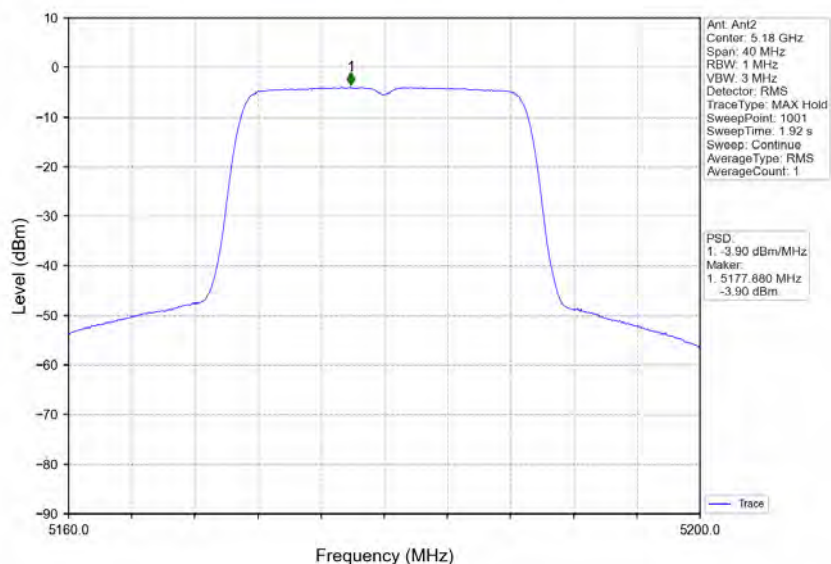
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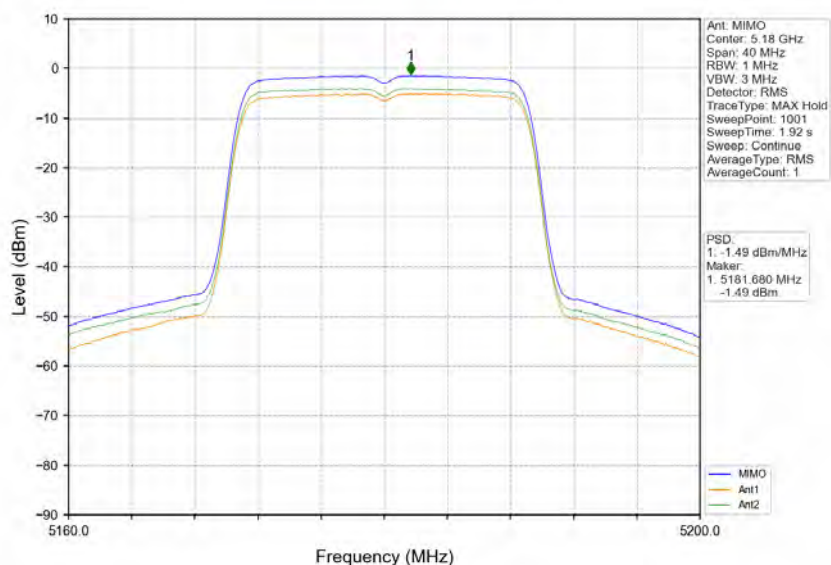
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802.11ac(VHT20) LCH 5180MHz Ant2 NTN



802.11ac(VHT20) LCH 5180MHz MIMO NTN



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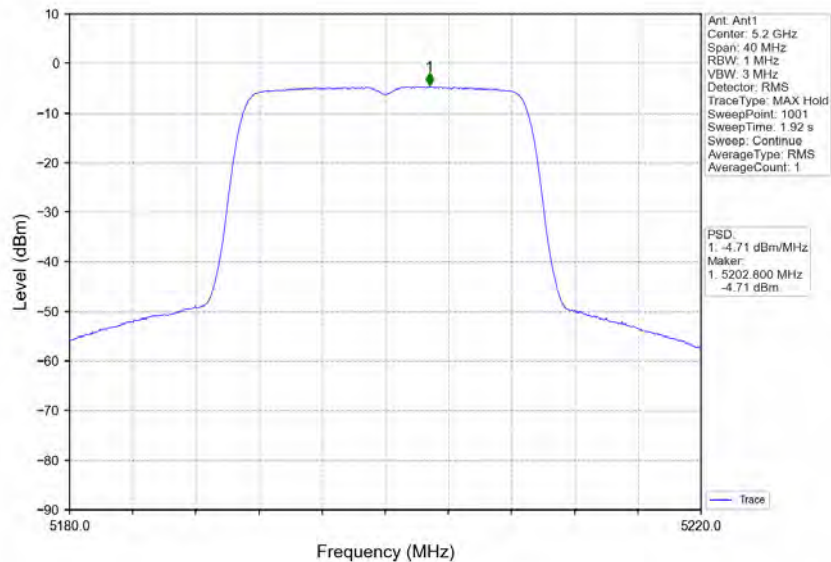
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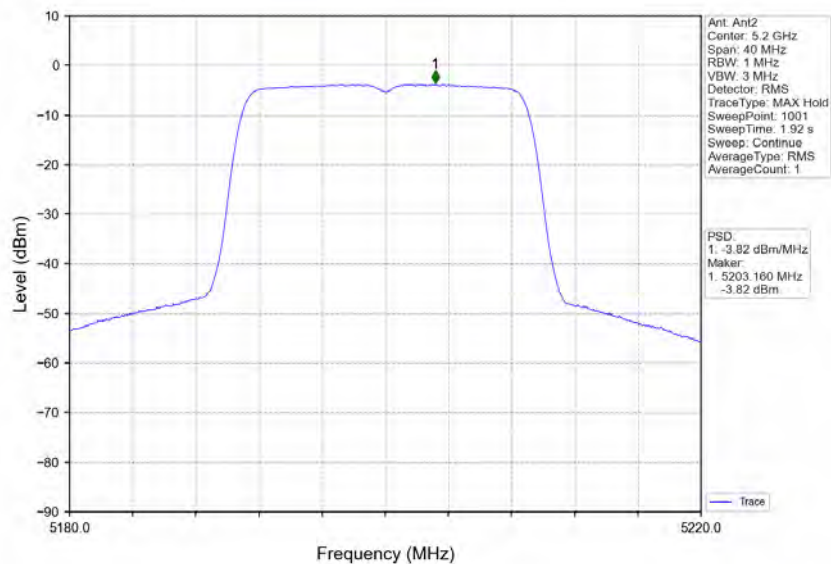
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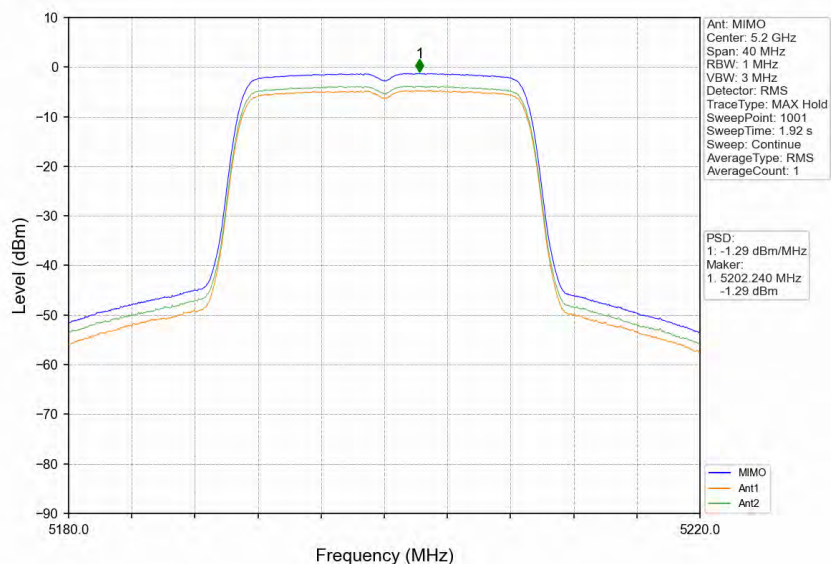
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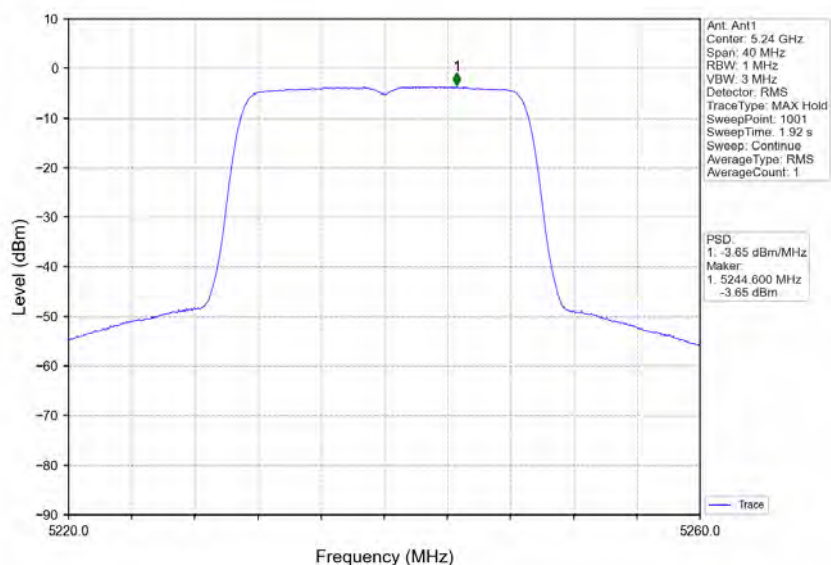
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802.11ac(VHT20) MCH 5200MHz MIMO NTN



802.11ac(VHT20)_HCH 5240MHz_Ant1_NTN



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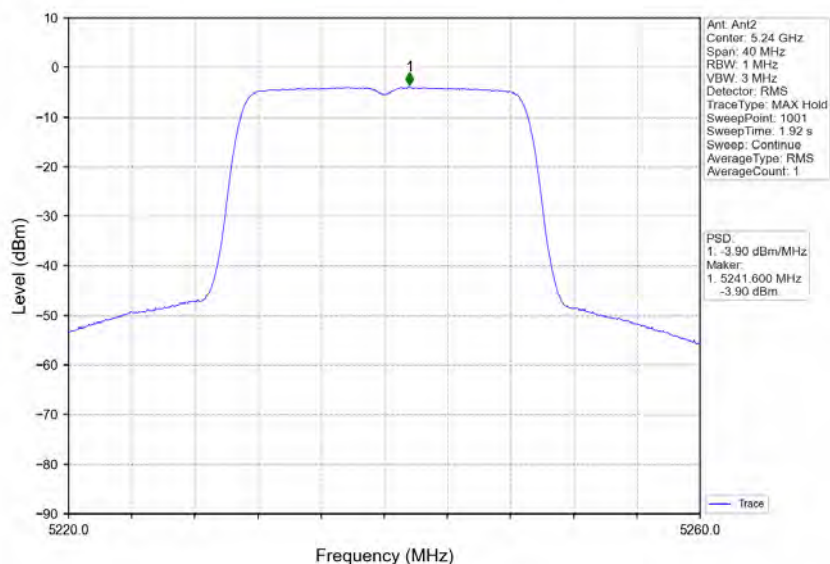
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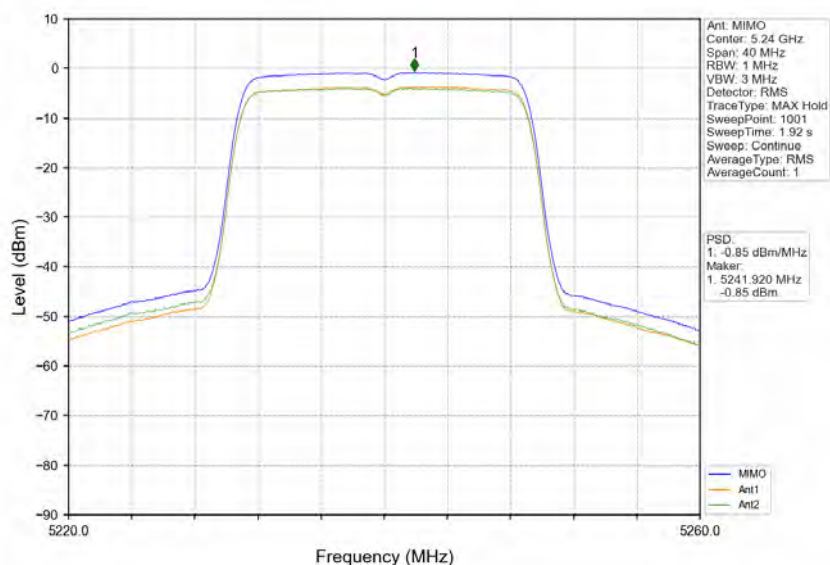
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802.11ac(VHT20)_HCH_5240MHz_Ant2_NTNV



802.11ac(VHT20)_HCH_5240MHz_MIMO_NTNV



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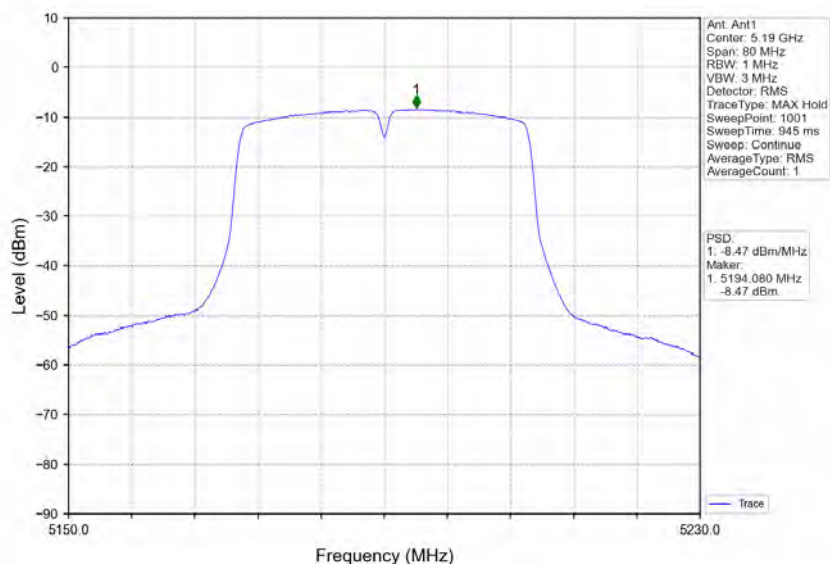
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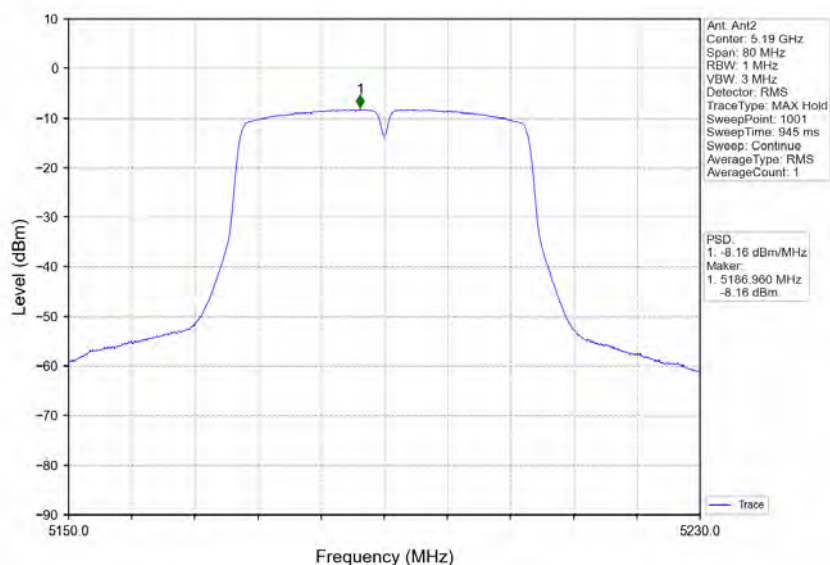
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802.11ac(VHT40)_LCH_5190MHz_Ant1_NTNV



802.11ac(VHT40)_LCH_5190MHz_Ant2_NTNV



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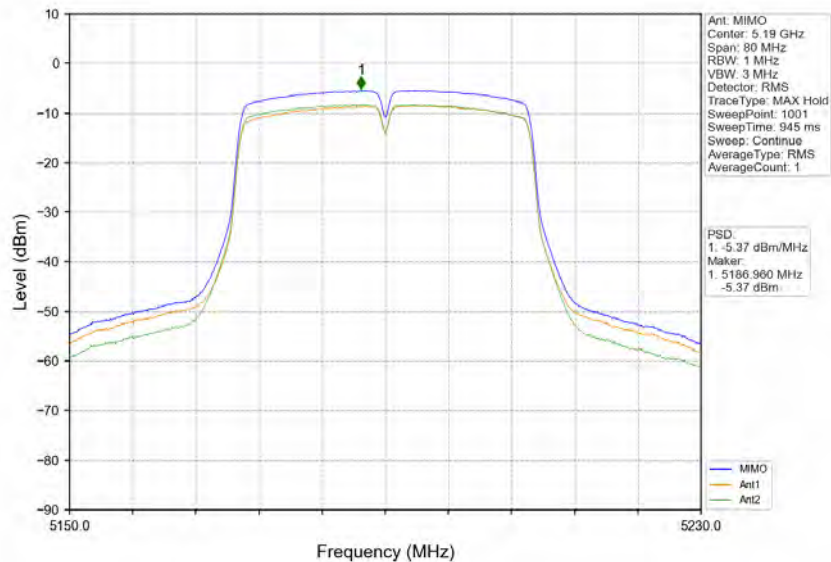
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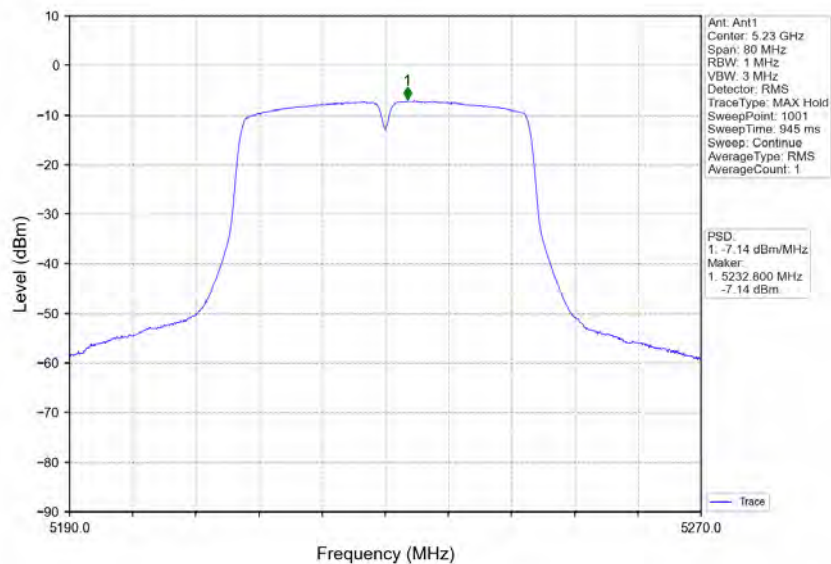
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802.11ac(VHT40) LCH 5190MHz MIMO NTN



802.11ac(VHT40)_HCH_5230MHz_Ant1_NTN



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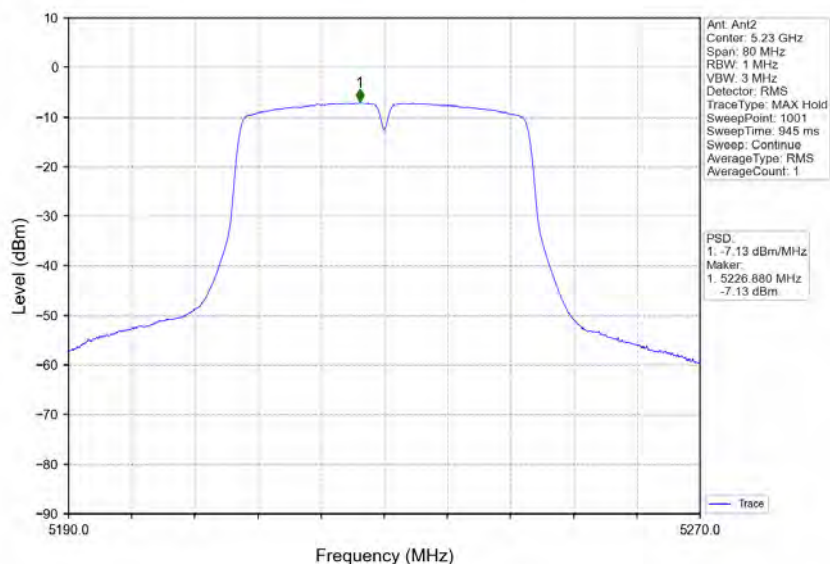
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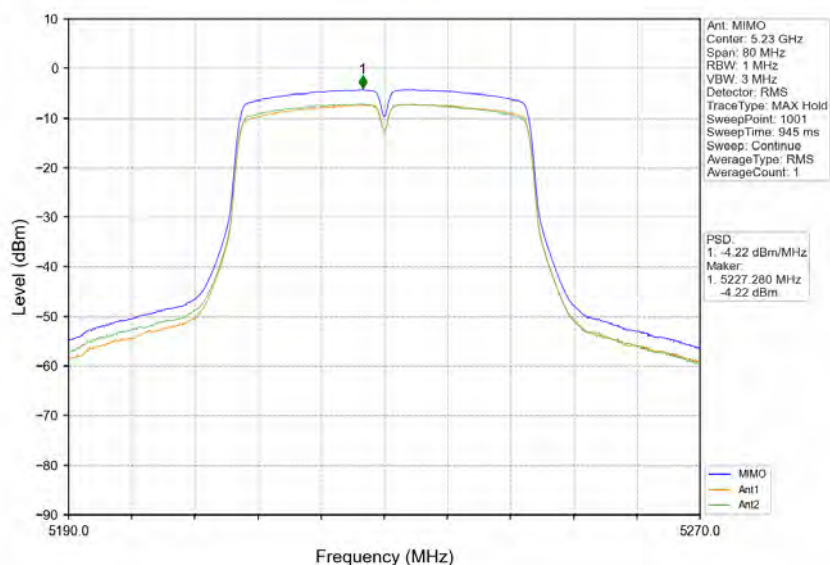
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802.11ac(VHT40)_HCH_5230MHz_Ant2_NTNV



802.11ac(VHT40)_HCH_5230MHz_MIMO_NTNV



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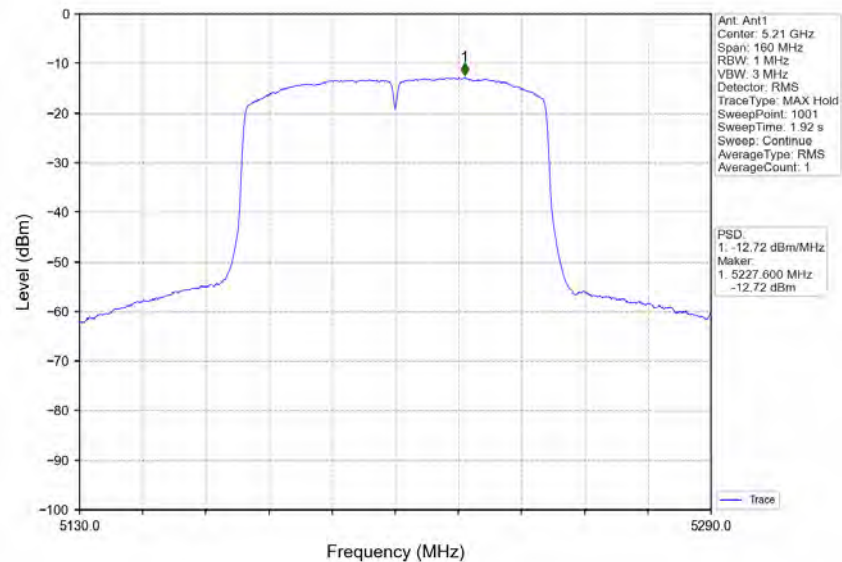
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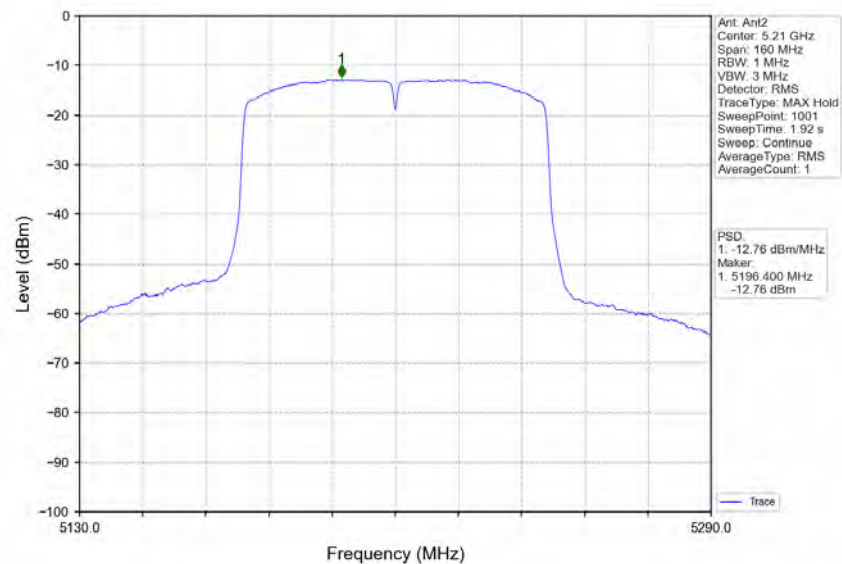
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802.11ac(VHT80)_MCH_5210MHz_Ant1_NTNV



802.11ac(VHT80)_MCH_5210MHz_Ant2_NTNV



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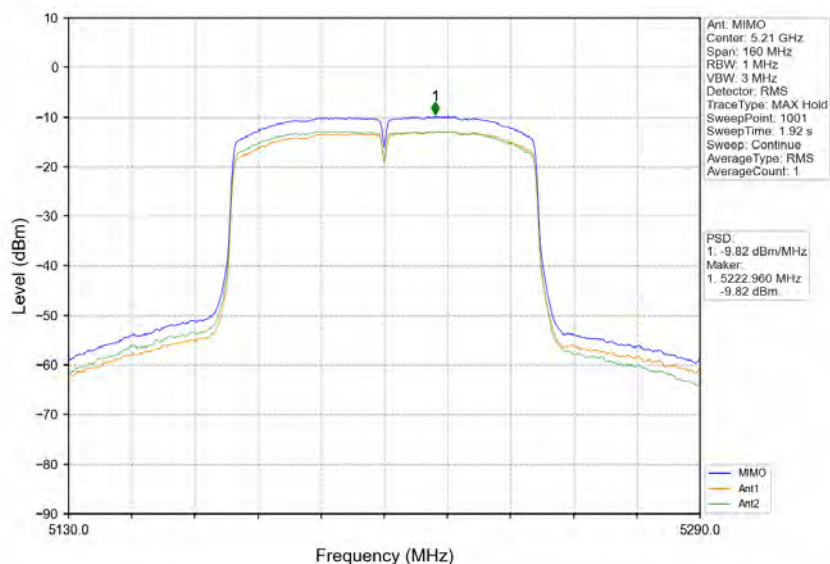
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802.11ac(VHT80) MCH 5210MHz MIMO NTN



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4.2 PSD-Band3

4.2.1 Test Result

Mode	TX Type	Frequency (MHz)	Maximum PSD (dBm/500kHz)				Verdict
			Ant1	Ant2	MIMO	Limit	
802.11a	SISO	5745	-5.62	-5.39	/	<=30	Pass
		5785	-5.56	-5.75	/	<=30	Pass
		5825	-4.97	-6.03	/	<=30	Pass
802.11n (HT20)	MIMO	5745	-6.15	-6.52	-3.40	<=29.65	Pass
		5785	-5.99	-6.62	-3.33	<=29.65	Pass
		5825	-5.67	-6.77	-3.27	<=29.65	Pass
802.11n (HT40)	MIMO	5755	-8.83	-8.99	-5.97	<=29.65	Pass
		5795	-9.02	-9.50	-6.29	<=29.65	Pass
802.11ac (VHT20)	MIMO	5745	-6.20	-6.19	-3.22	<=29.65	Pass
		5785	-6.20	-6.39	-3.30	<=29.65	Pass
		5825	-5.52	-6.67	-3.11	<=29.65	Pass
802.11ac (VHT40)	MIMO	5755	-9.18	-9.31	-6.31	<=29.65	Pass
		5795	-9.39	-9.71	-6.56	<=29.65	Pass
802.11ac (VHT80)	MIMO	5775	-12.86	-12.77	-9.81	<=29.65	Pass

Note1: Antenna Gain: Ant1: 3.06dBi; Ant2: 3.60dBi;



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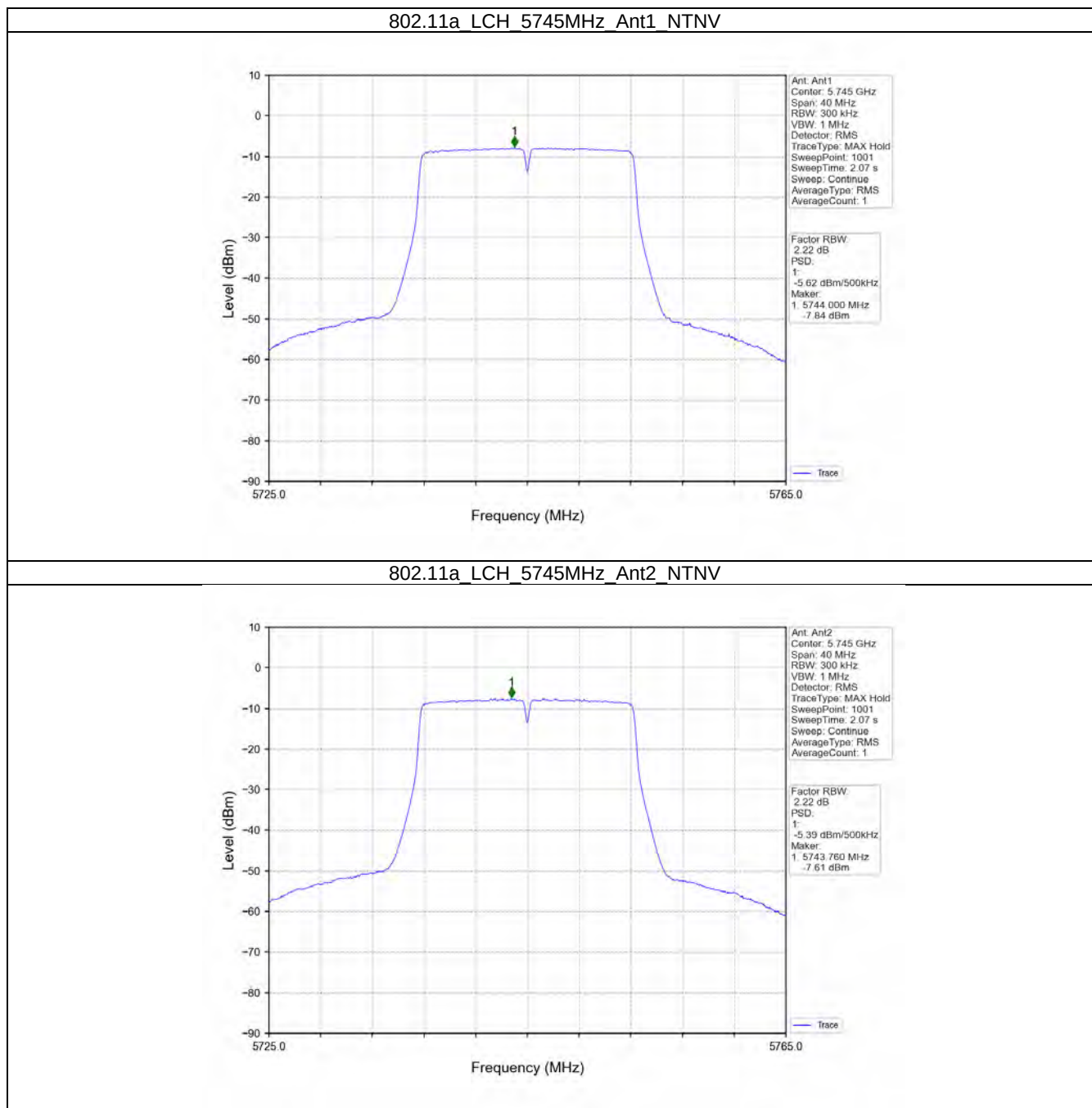
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4.2.2 Test Graph



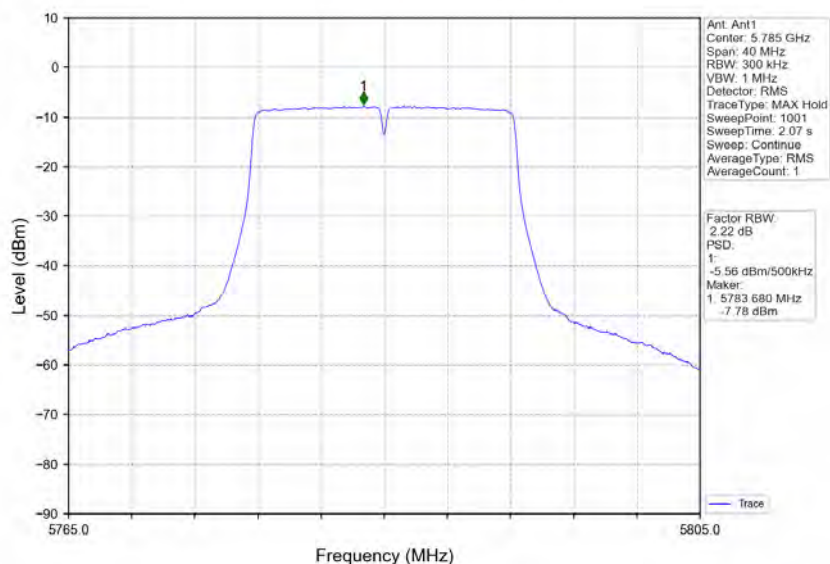
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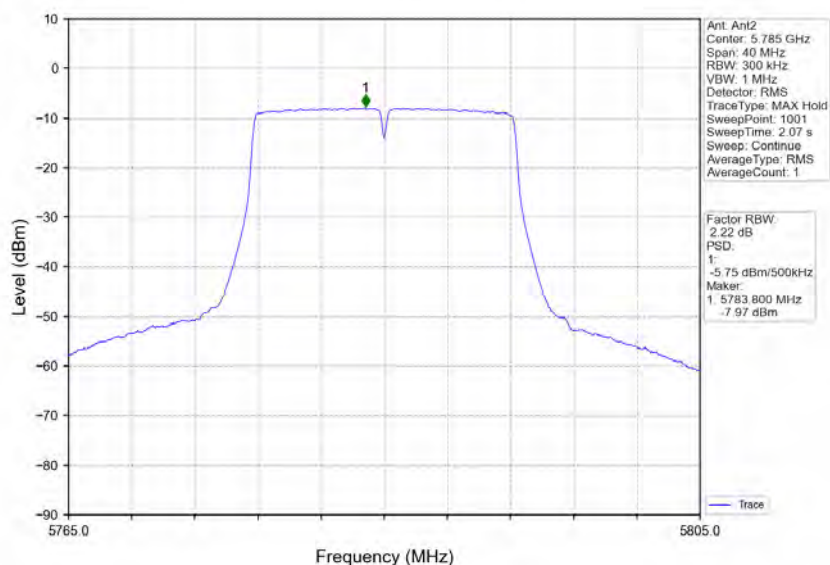
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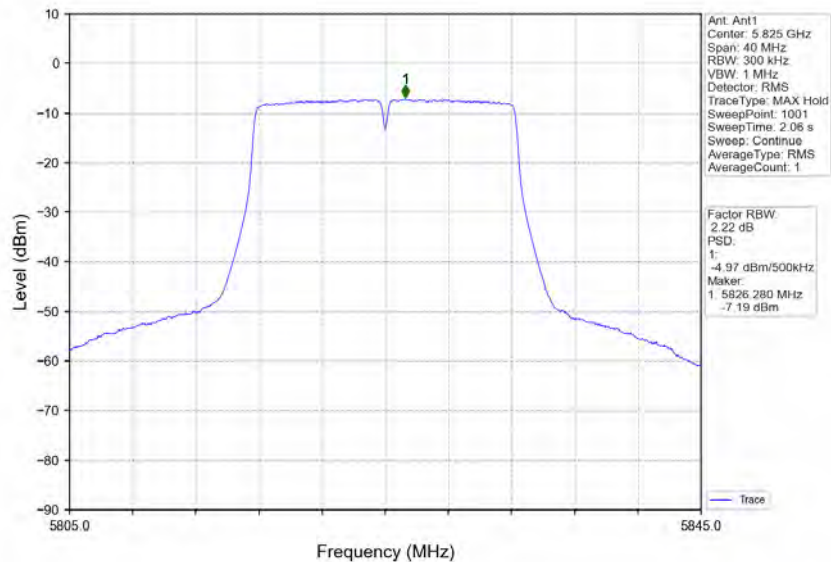
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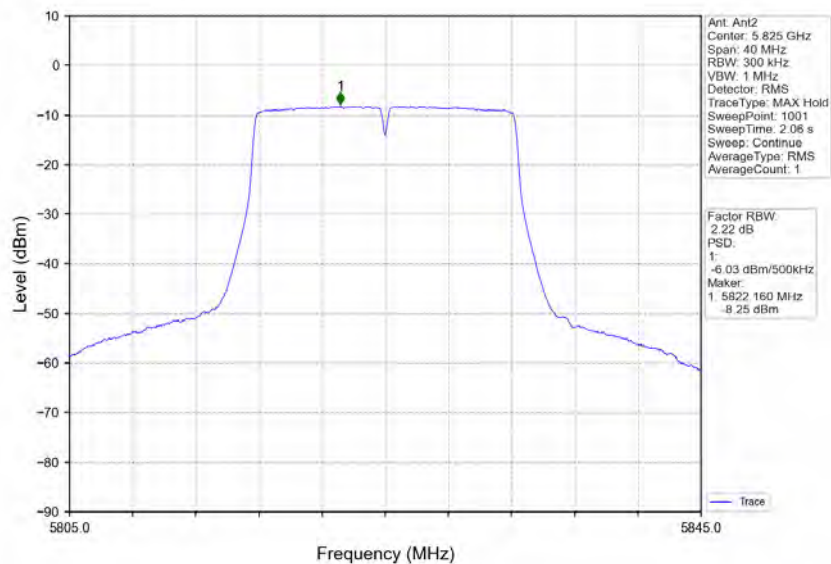
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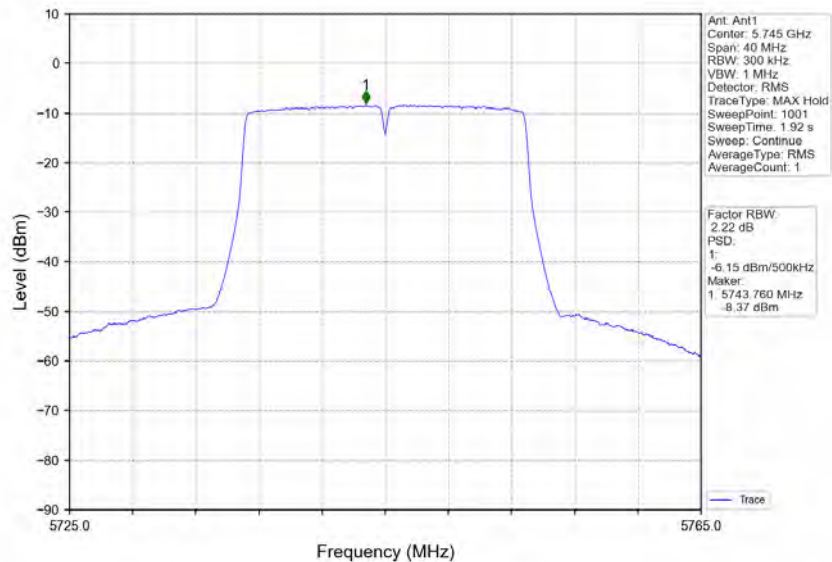
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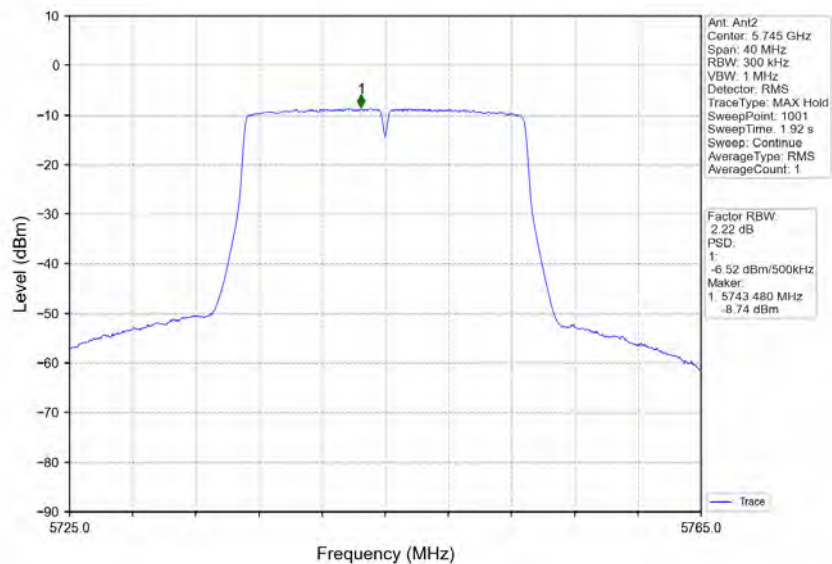
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802.11n(HT20) LCH 5745MHz Ant2 NTN



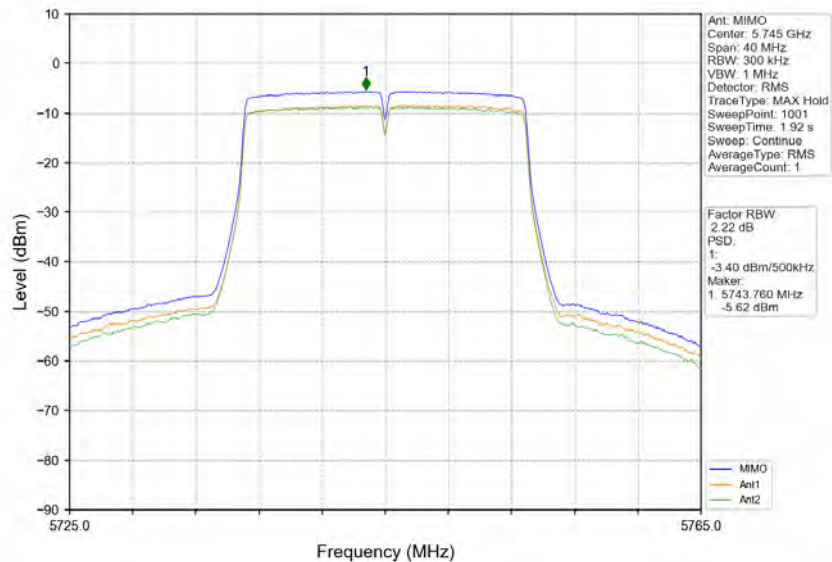
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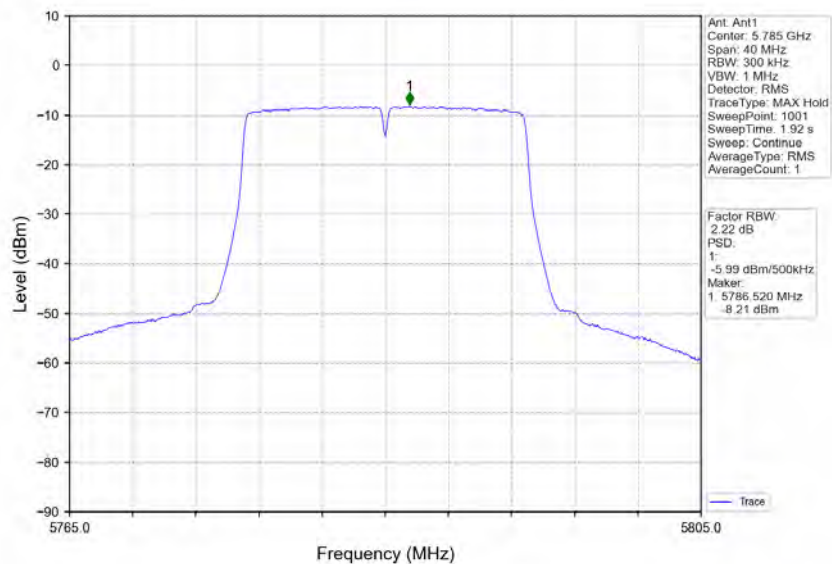
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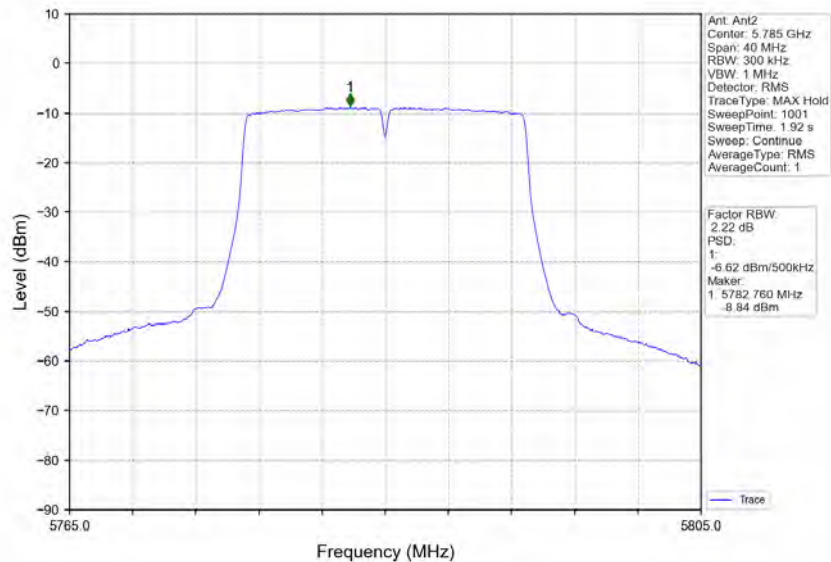
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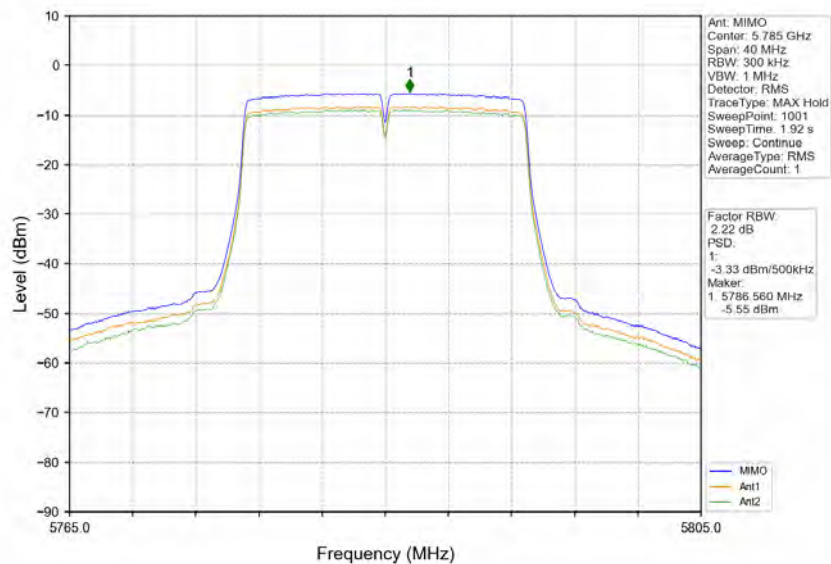
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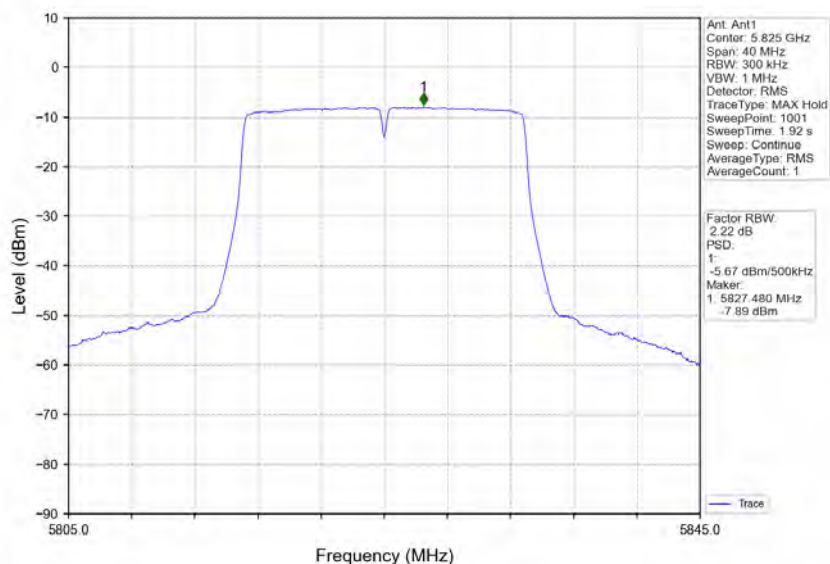
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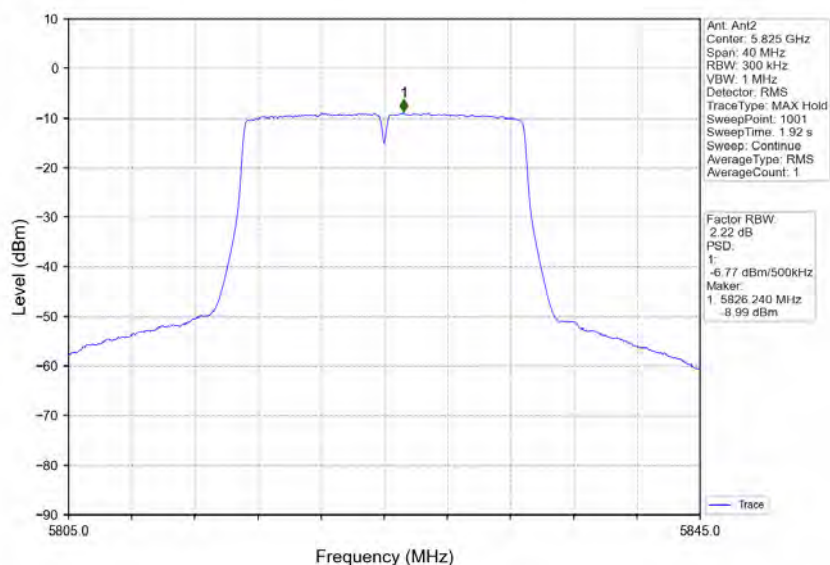
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802.11n(HT20)_HCH_5825MHz_Ant1_NTNV



802.11n(HT20)_HCH_5825MHz_Ant2_NTNV



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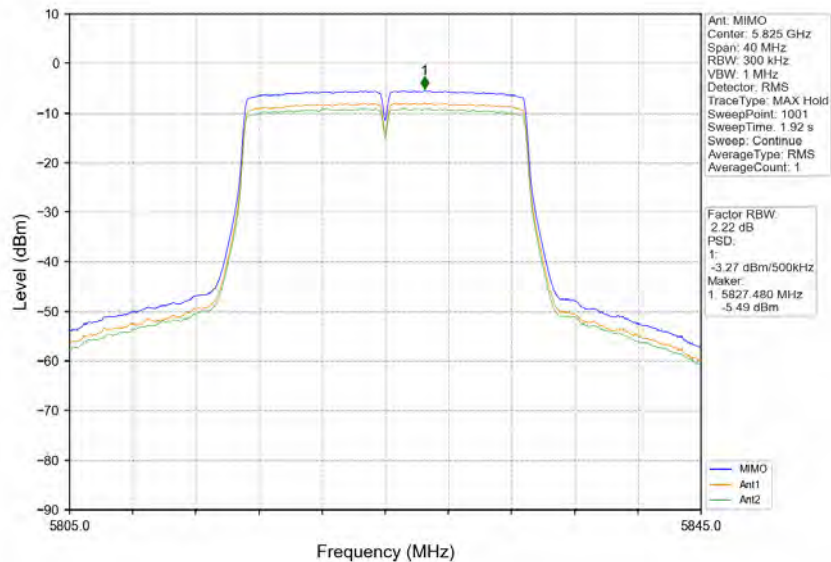
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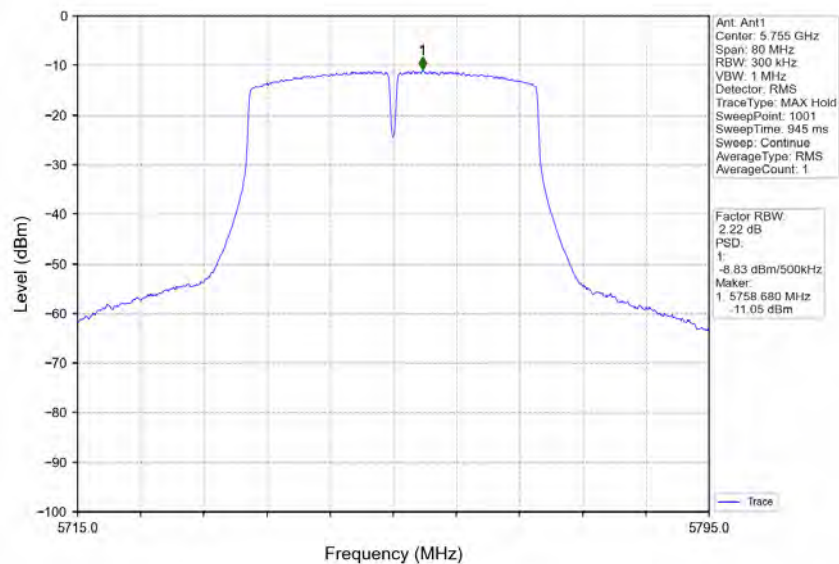
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802.11n(HT20) HCH 5825MHz MIMO_NTNV



802.11n(HT40)_LCH_5755MHz_Ant1_NTNV



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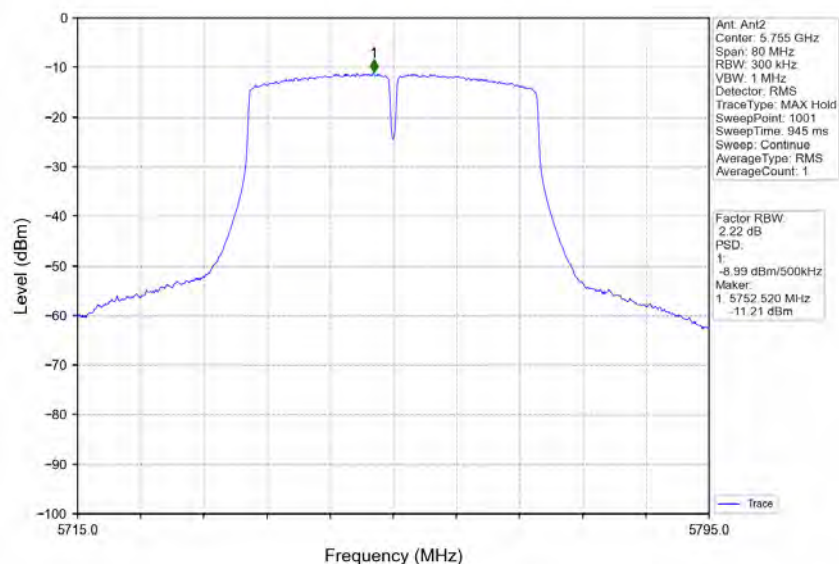
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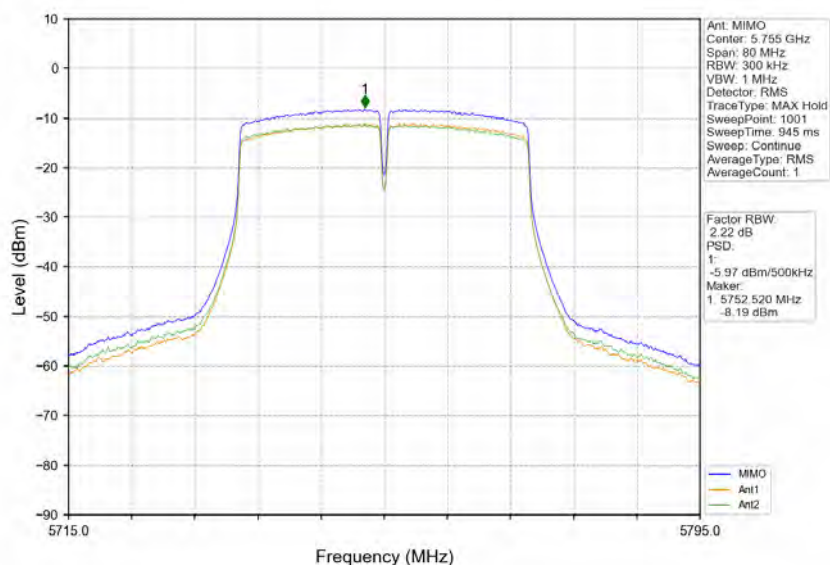
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802.11n(HT40) LCH 5755MHz Ant2 NTV



802.11n(HT40) LCH 5755MHz MIMO NTV



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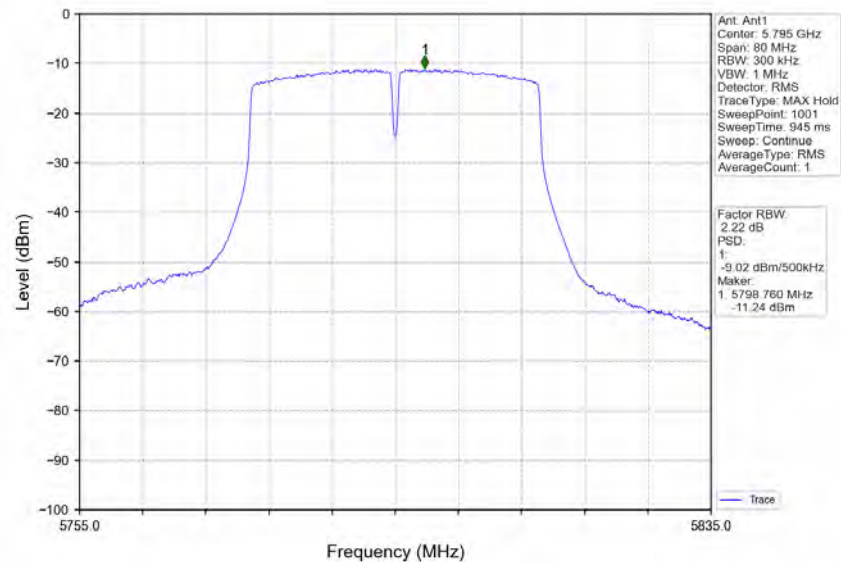
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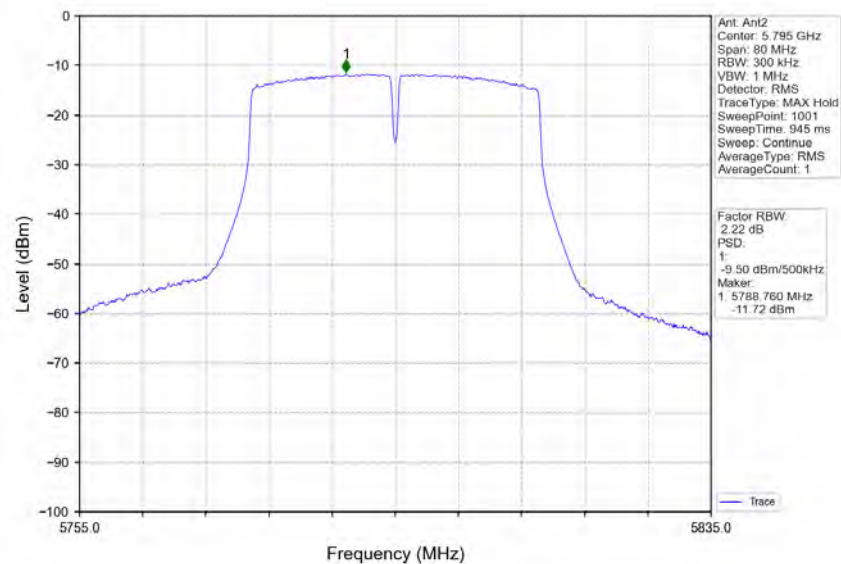
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802.11n(HT40)_HCH_5795MHz_Ant1_NTNV



802.11n(HT40)_HCH_5795MHz_Ant2_NTNV



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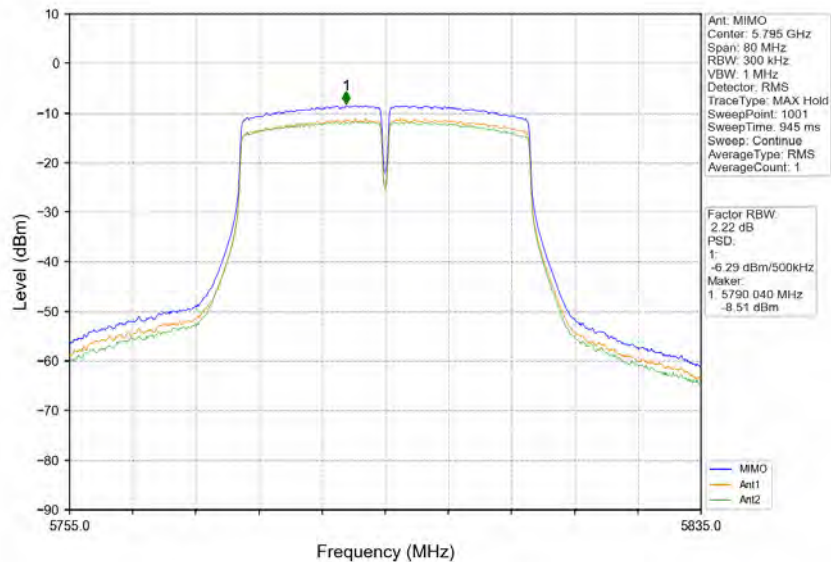
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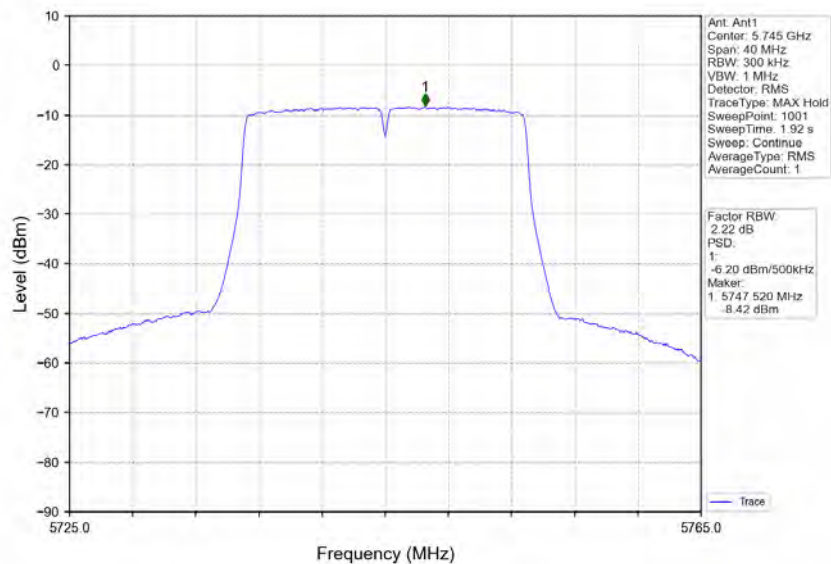
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802.11n(HT40) HCH 5795MHz MIMO_NTNV



802.11ac(VHT20)_LCH_5745MHz_Ant1_NTNV



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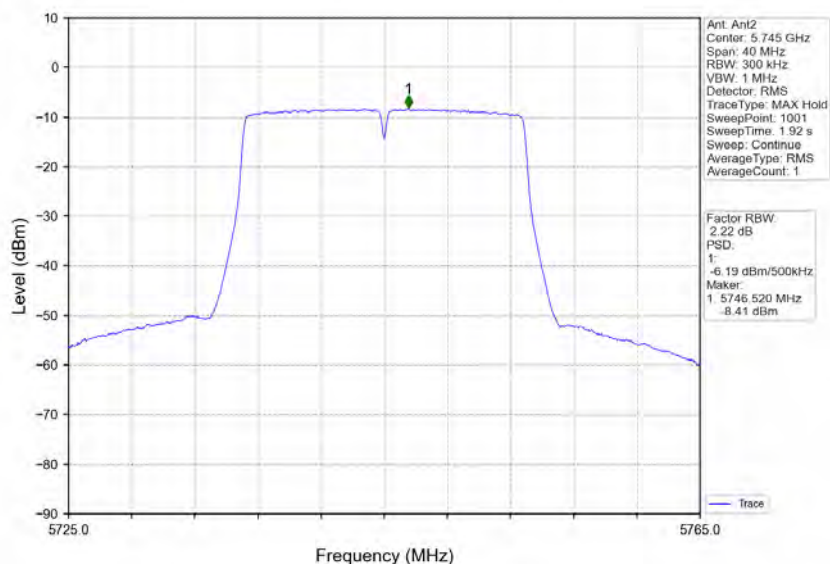
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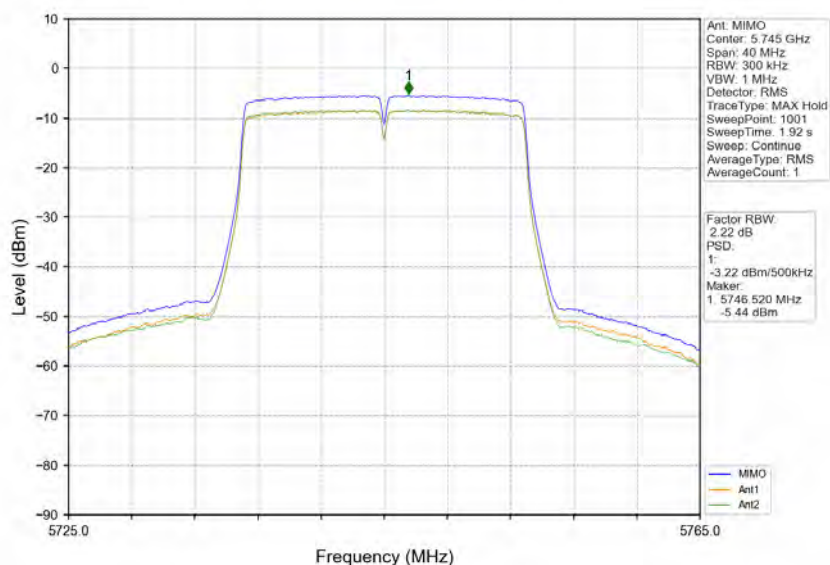
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802.11ac(VHT20) LCH 5745MHz Ant2 NTNV



802.11ac(VHT20) LCH 5745MHz MIMO NTNV



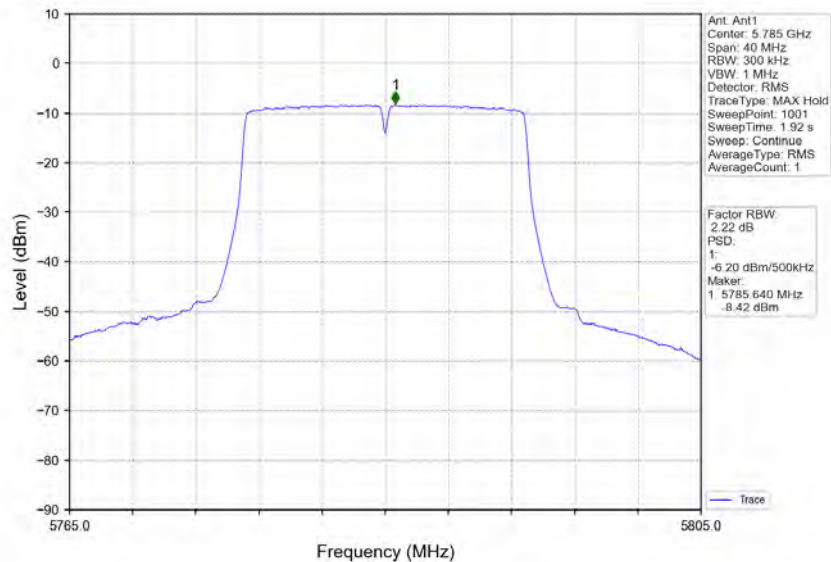
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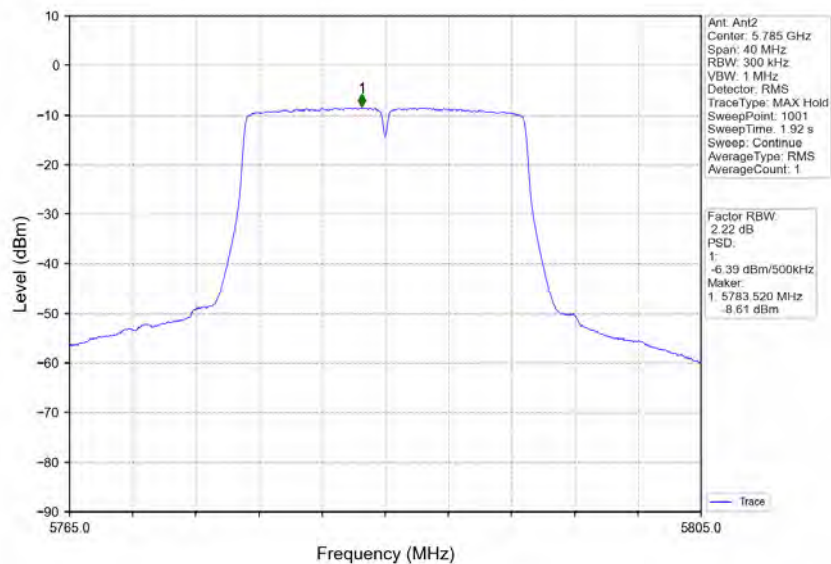
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802.11ac(VHT20)_MCH_5785MHz_Ant2_NTNV



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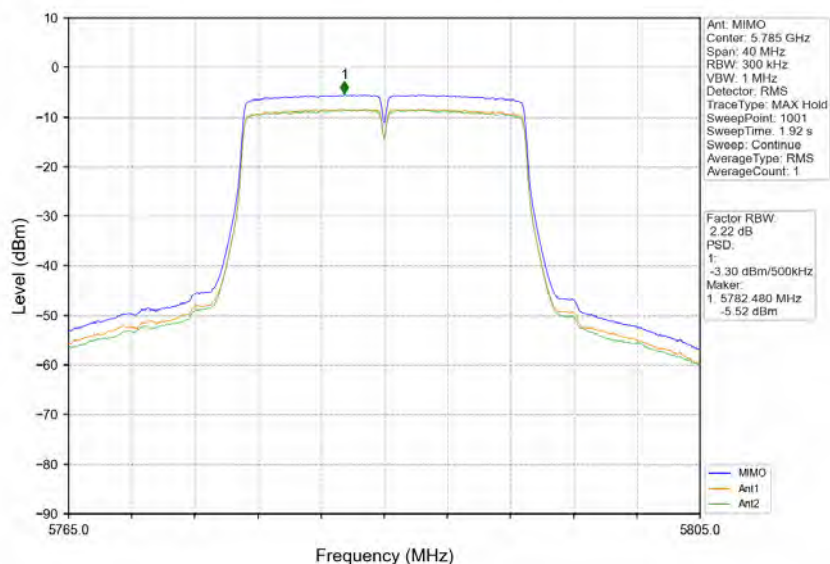
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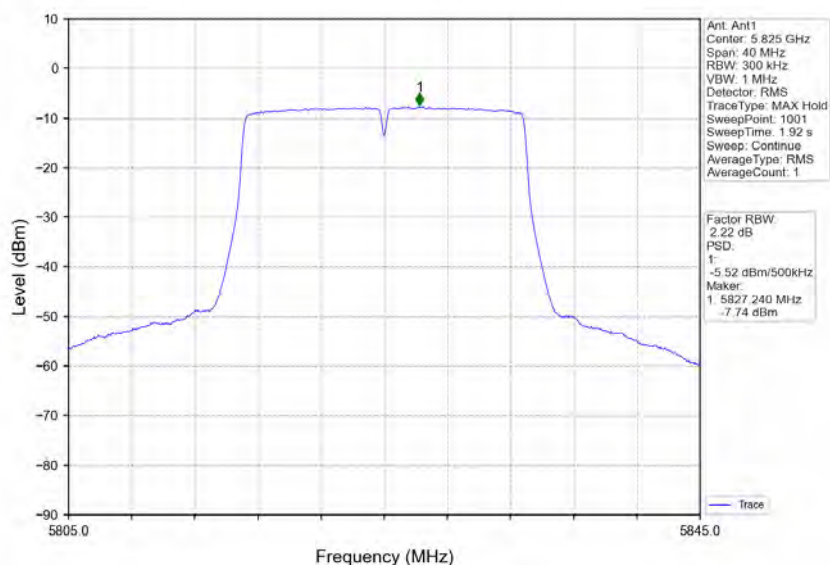
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802.11ac(VHT20) MCH 5785MHz MIMO NTN



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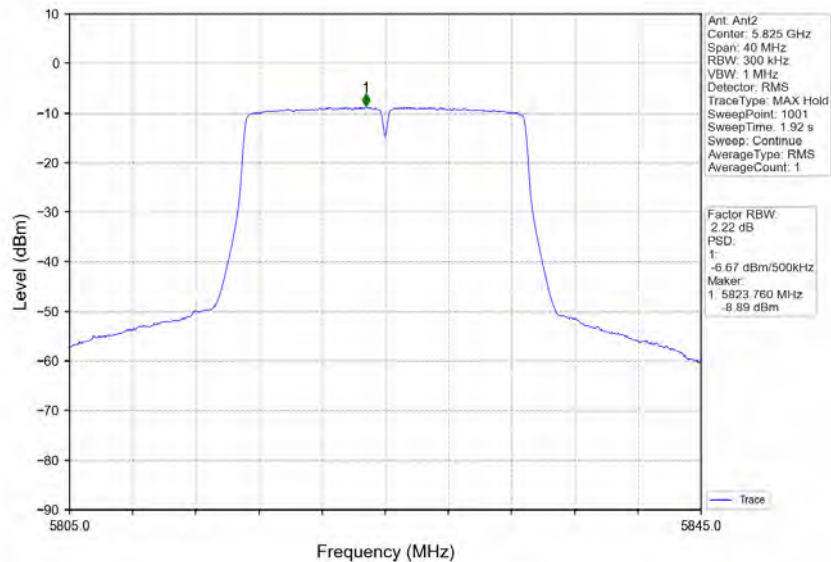
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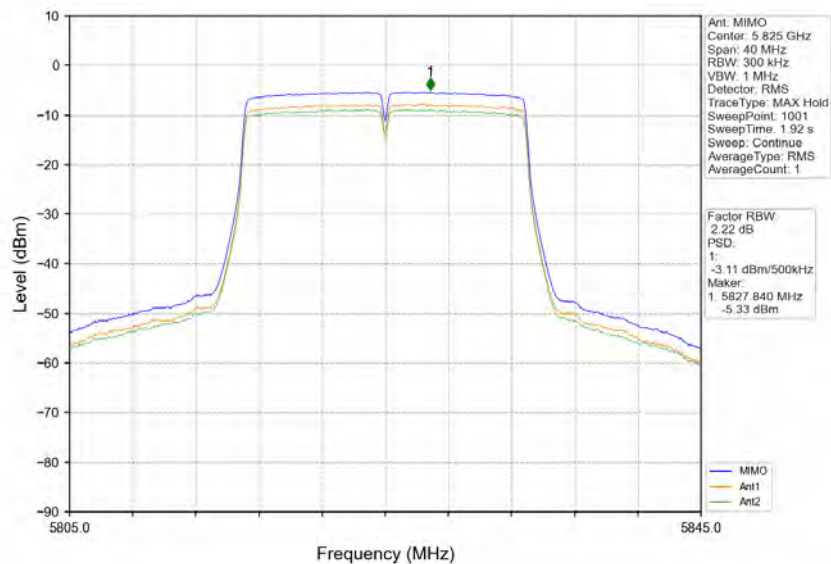
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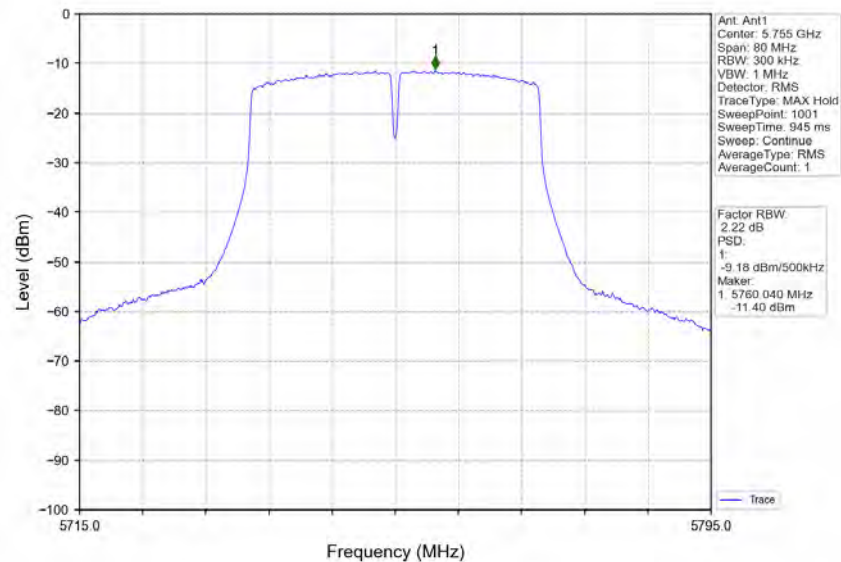
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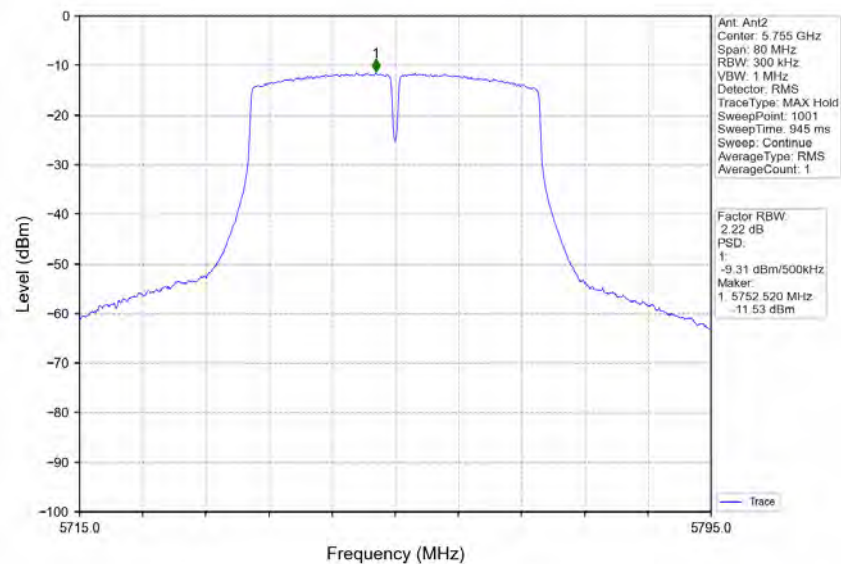
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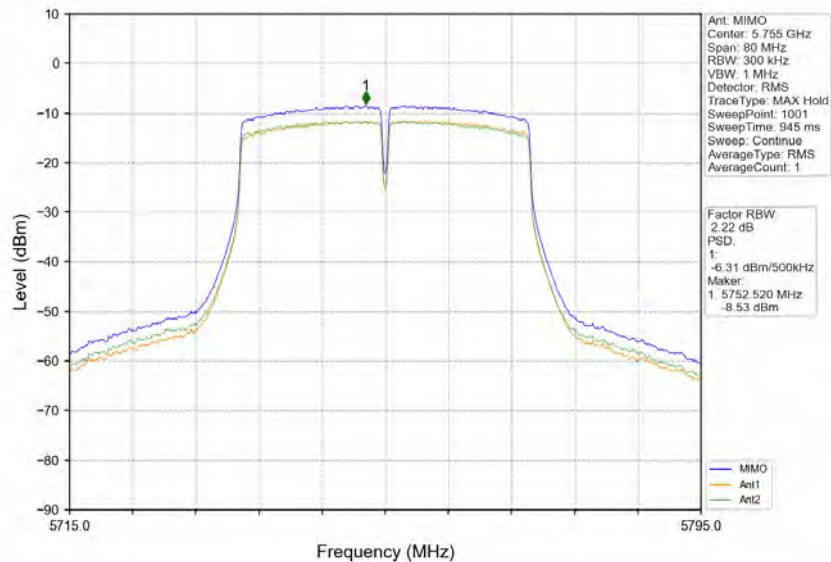
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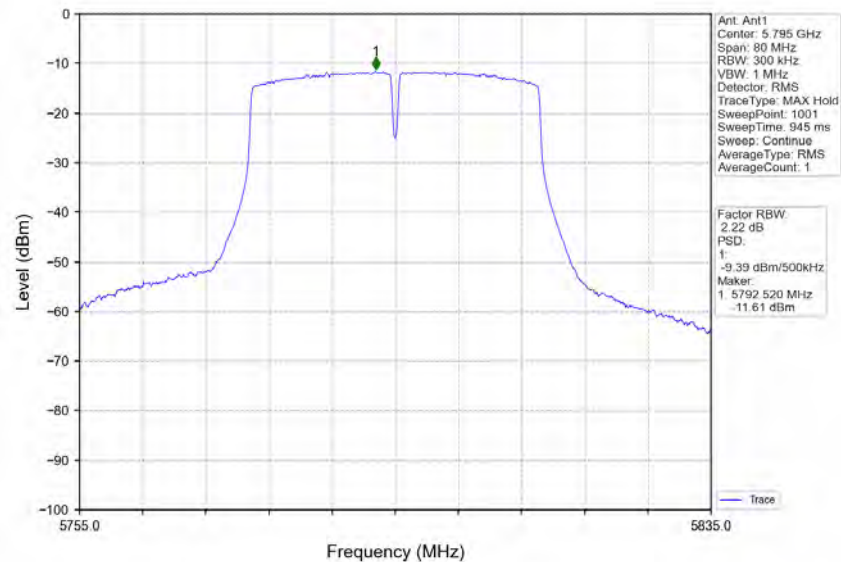
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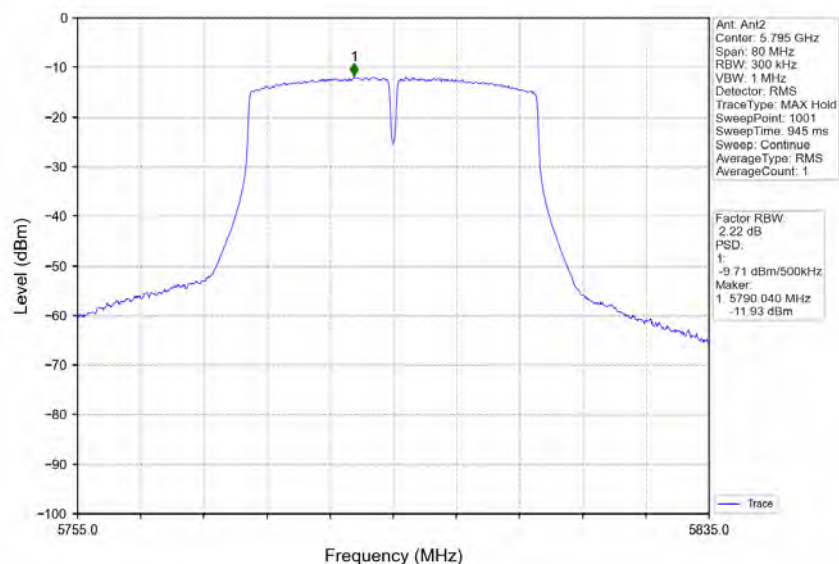
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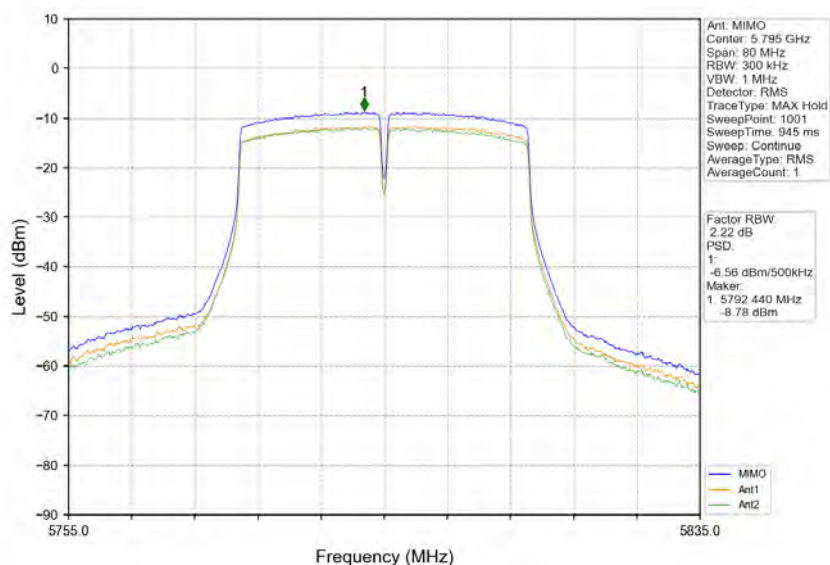
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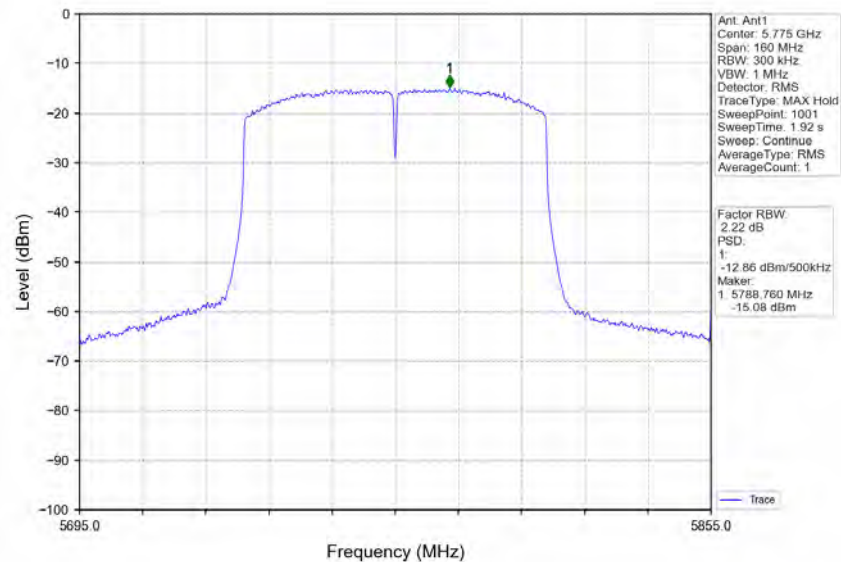
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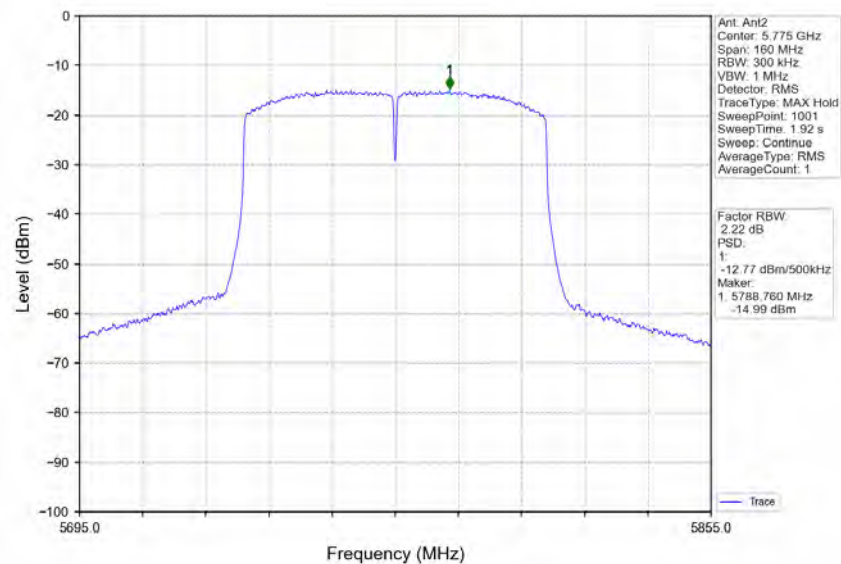
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802.11ac(VHT80)_MCH_5775MHz_Ant1_NTNV



802.11ac(VHT80)_MCH_5775MHz_Ant2_NTNV



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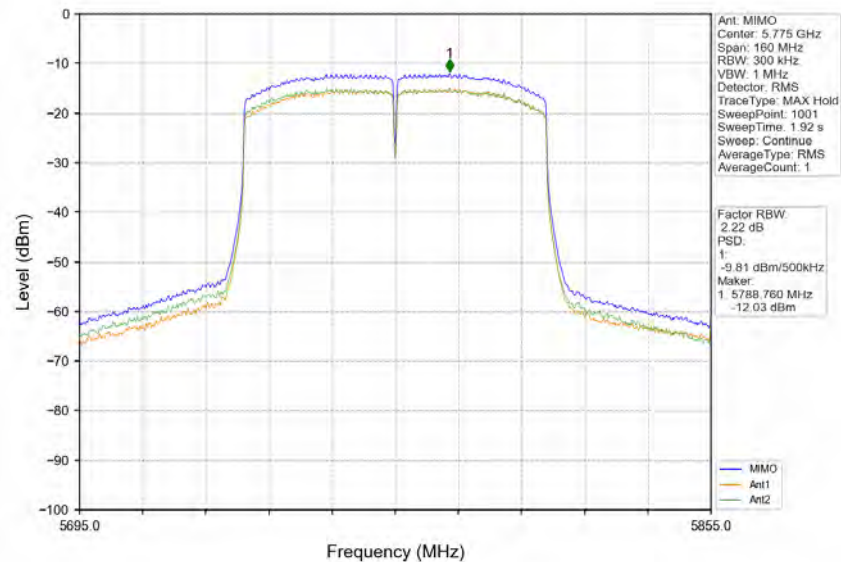
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802.11ac(VHT80) MCH 5775MHz MIMO NTN



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5. Frequency Stability

5.1 Ant1

5.1.1 Test Result

Ant1							
Mode	Tx Type	Frequency (MHz)	Temperature (°C)	Voltage (VAC)	Measured Frequency (MHz)	Limit (MHz)	Verdict
802.11a	SISO	5180	20	102	5180.040	5150 to 5250	Pass
				120	5179.980	5150 to 5250	Pass
				138	5180.040	5150 to 5250	Pass
			-30	120	5180.000	5150 to 5250	Pass
				120	5180.000	5150 to 5250	Pass
				120	5180.040	5150 to 5250	Pass
			0	120	5180.020	5150 to 5250	Pass
				120	5180.020	5150 to 5250	Pass
				120	5180.000	5150 to 5250	Pass
			10	120	5180.060	5150 to 5250	Pass
				120	5180.020	5150 to 5250	Pass
				120	5180.020	5150 to 5250	Pass
		5200	20	102	5199.980	5150 to 5250	Pass
				120	5200.040	5150 to 5250	Pass
				138	5200.000	5150 to 5250	Pass
			-30	120	5200.000	5150 to 5250	Pass
				120	5200.000	5150 to 5250	Pass
				120	5200.040	5150 to 5250	Pass
			0	120	5199.980	5150 to 5250	Pass
				120	5200.020	5150 to 5250	Pass
				120	5199.960	5150 to 5250	Pass
			10	120	5200.020	5150 to 5250	Pass
				120	5200.020	5150 to 5250	Pass
				120	5199.980	5150 to 5250	Pass
		5240	20	102	5240.060	5150 to 5250	Pass
				120	5239.980	5150 to 5250	Pass
				138	5240.020	5150 to 5250	Pass
			-30	120	5240.020	5150 to 5250	Pass
				120	5240.000	5150 to 5250	Pass
				120	5240.000	5150 to 5250	Pass
			0	120	5240.060	5150 to 5250	Pass
				120	5240.000	5150 to 5250	Pass
				120	5239.940	5150 to 5250	Pass
			10	120	5239.980	5150 to 5250	Pass
				120	5240.040	5150 to 5250	Pass
				120	5240.040	5150 to 5250	Pass
		5745	20	102	5745.020	5725 to 5850	Pass
				120	5744.980	5725 to 5850	Pass
				138	5745.020	5725 to 5850	Pass
			-30	120	5745.000	5725 to 5850	Pass
				120	5744.980	5725 to 5850	Pass
				120	5745.020	5725 to 5850	Pass



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			0	120	5745.000	5725 to 5850	Pass
			10	120	5744.940	5725 to 5850	Pass
			30	120	5745.020	5725 to 5850	Pass
			40	120	5745.000	5725 to 5850	Pass
			50	120	5745.000	5725 to 5850	Pass
		5785	20	102	5785.000	5725 to 5850	Pass
				120	5785.040	5725 to 5850	Pass
				138	5785.020	5725 to 5850	Pass
			-30	120	5785.000	5725 to 5850	Pass
			-20	120	5785.020	5725 to 5850	Pass
			-10	120	5784.980	5725 to 5850	Pass
			0	120	5785.060	5725 to 5850	Pass
			10	120	5785.000	5725 to 5850	Pass
			30	120	5785.000	5725 to 5850	Pass
			40	120	5785.040	5725 to 5850	Pass
			50	120	5785.040	5725 to 5850	Pass
		5825	20	102	5824.980	5725 to 5850	Pass
				120	5825.020	5725 to 5850	Pass
				138	5825.040	5725 to 5850	Pass
			-30	120	5825.000	5725 to 5850	Pass
			-20	120	5825.040	5725 to 5850	Pass
			-10	120	5825.000	5725 to 5850	Pass
			0	120	5825.000	5725 to 5850	Pass
			10	120	5824.940	5725 to 5850	Pass
			30	120	5825.060	5725 to 5850	Pass
			40	120	5825.020	5725 to 5850	Pass
			50	120	5825.040	5725 to 5850	Pass
802.11n (HT20)	MIMO	5180	20	102	5180.040	5150 to 5250	Pass
				120	5179.980	5150 to 5250	Pass
				138	5180.040	5150 to 5250	Pass
			-30	120	5180.020	5150 to 5250	Pass
			-20	120	5180.020	5150 to 5250	Pass
			-10	120	5180.020	5150 to 5250	Pass
			0	120	5180.020	5150 to 5250	Pass
			10	120	5180.040	5150 to 5250	Pass
			30	120	5180.020	5150 to 5250	Pass
			40	120	5180.000	5150 to 5250	Pass
			50	120	5180.020	5150 to 5250	Pass
		5200	20	102	5199.980	5150 to 5250	Pass
				120	5200.000	5150 to 5250	Pass
				138	5200.020	5150 to 5250	Pass
			-30	120	5200.020	5150 to 5250	Pass
			-20	120	5200.020	5150 to 5250	Pass
			-10	120	5200.000	5150 to 5250	Pass
			0	120	5200.060	5150 to 5250	Pass
			10	120	5199.960	5150 to 5250	Pass
			30	120	5199.980	5150 to 5250	Pass
			40	120	5200.000	5150 to 5250	Pass
			50	120	5200.020	5150 to 5250	Pass
		5240	20	102	5240.020	5150 to 5250	Pass
				120	5240.000	5150 to 5250	Pass
				138	5240.000	5150 to 5250	Pass



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		5745	-30	120	5240.000	5150 to 5250	Pass
			-20	120	5240.060	5150 to 5250	Pass
			-10	120	5240.040	5150 to 5250	Pass
			0	120	5240.000	5150 to 5250	Pass
			10	120	5239.980	5150 to 5250	Pass
			30	120	5239.980	5150 to 5250	Pass
			40	120	5239.980	5150 to 5250	Pass
			50	120	5240.040	5150 to 5250	Pass
			20	102	5745.000	5725 to 5850	Pass
				120	5745.000	5725 to 5850	Pass
				138	5744.980	5725 to 5850	Pass
			-30	120	5745.000	5725 to 5850	Pass
			-20	120	5745.000	5725 to 5850	Pass
			-10	120	5745.040	5725 to 5850	Pass
			0	120	5744.980	5725 to 5850	Pass
			10	120	5745.060	5725 to 5850	Pass
			30	120	5745.060	5725 to 5850	Pass
			40	120	5745.000	5725 to 5850	Pass
			50	120	5745.060	5725 to 5850	Pass
		5785	20	102	5785.040	5725 to 5850	Pass
				120	5784.980	5725 to 5850	Pass
				138	5784.980	5725 to 5850	Pass
			-30	120	5784.980	5725 to 5850	Pass
			-20	120	5785.000	5725 to 5850	Pass
			-10	120	5785.000	5725 to 5850	Pass
			0	120	5785.040	5725 to 5850	Pass
			10	120	5784.940	5725 to 5850	Pass
			30	120	5785.020	5725 to 5850	Pass
			40	120	5785.040	5725 to 5850	Pass
			50	120	5784.960	5725 to 5850	Pass
		5825	20	102	5825.000	5725 to 5850	Pass
				120	5824.960	5725 to 5850	Pass
				138	5824.980	5725 to 5850	Pass
			-30	120	5825.000	5725 to 5850	Pass
			-20	120	5825.000	5725 to 5850	Pass
			-10	120	5825.020	5725 to 5850	Pass
			0	120	5824.960	5725 to 5850	Pass
			10	120	5824.980	5725 to 5850	Pass
			30	120	5825.020	5725 to 5850	Pass
			40	120	5824.980	5725 to 5850	Pass
			50	120	5824.940	5725 to 5850	Pass
802.11n (HT40)	MIMO	5190	20	102	5190.080	5150 to 5250	Pass
				120	5190.000	5150 to 5250	Pass
				138	5190.000	5150 to 5250	Pass
			-30	120	5190.000	5150 to 5250	Pass
			-20	120	5190.040	5150 to 5250	Pass
			-10	120	5190.000	5150 to 5250	Pass
			0	120	5190.000	5150 to 5250	Pass
			10	120	5190.080	5150 to 5250	Pass
			30	120	5190.000	5150 to 5250	Pass
			40	120	5189.960	5150 to 5250	Pass
			50	120	5190.000	5150 to 5250	Pass



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		5230	20	102	5230.080	5150 to 5250	Pass
				120	5230.040	5150 to 5250	Pass
				138	5230.080	5150 to 5250	Pass
			-30	120	5230.080	5150 to 5250	Pass
			-20	120	5230.000	5150 to 5250	Pass
			-10	120	5230.040	5150 to 5250	Pass
			0	120	5230.040	5150 to 5250	Pass
			10	120	5229.960	5150 to 5250	Pass
			30	120	5230.040	5150 to 5250	Pass
			40	120	5230.000	5150 to 5250	Pass
			50	120	5230.080	5150 to 5250	Pass
		5755	20	102	5755.040	5725 to 5850	Pass
				120	5755.040	5725 to 5850	Pass
				138	5755.000	5725 to 5850	Pass
			-30	120	5755.000	5725 to 5850	Pass
			-20	120	5755.040	5725 to 5850	Pass
			-10	120	5755.000	5725 to 5850	Pass
			0	120	5754.960	5725 to 5850	Pass
			10	120	5754.960	5725 to 5850	Pass
			30	120	5754.960	5725 to 5850	Pass
			40	120	5755.040	5725 to 5850	Pass
			50	120	5755.080	5725 to 5850	Pass
		5795	20	102	5795.000	5725 to 5850	Pass
				120	5794.960	5725 to 5850	Pass
				138	5794.960	5725 to 5850	Pass
			-30	120	5795.000	5725 to 5850	Pass
			-20	120	5795.000	5725 to 5850	Pass
			-10	120	5795.000	5725 to 5850	Pass
			0	120	5795.000	5725 to 5850	Pass
			10	120	5795.040	5725 to 5850	Pass
			30	120	5795.040	5725 to 5850	Pass
			40	120	5795.040	5725 to 5850	Pass
			50	120	5794.960	5725 to 5850	Pass
802.11ac (VHT20)	MIMO	5180	20	102	5180.060	5150 to 5250	Pass
				120	5180.020	5150 to 5250	Pass
				138	5180.020	5150 to 5250	Pass
			-30	120	5180.000	5150 to 5250	Pass
			-20	120	5180.000	5150 to 5250	Pass
			-10	120	5179.960	5150 to 5250	Pass
			0	120	5180.060	5150 to 5250	Pass
			10	120	5180.000	5150 to 5250	Pass
			30	120	5180.020	5150 to 5250	Pass
			40	120	5180.000	5150 to 5250	Pass
			50	120	5180.060	5150 to 5250	Pass
		5200	20	102	5200.060	5150 to 5250	Pass
				120	5200.000	5150 to 5250	Pass
				138	5200.000	5150 to 5250	Pass
			-30	120	5199.980	5150 to 5250	Pass
			-20	120	5200.000	5150 to 5250	Pass
			-10	120	5200.020	5150 to 5250	Pass
			0	120	5200.020	5150 to 5250	Pass
			10	120	5199.980	5150 to 5250	Pass



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			30	120	5200.020	5150 to 5250	Pass
			40	120	5200.040	5150 to 5250	Pass
			50	120	5200.040	5150 to 5250	Pass
		5240	20	102	5240.020	5150 to 5250	Pass
				120	5240.020	5150 to 5250	Pass
				138	5240.020	5150 to 5250	Pass
			-30	120	5240.040	5150 to 5250	Pass
				120	5240.020	5150 to 5250	Pass
				120	5240.020	5150 to 5250	Pass
			-10	120	5240.020	5150 to 5250	Pass
				120	5240.000	5150 to 5250	Pass
				120	5240.040	5150 to 5250	Pass
			30	120	5240.020	5150 to 5250	Pass
				120	5240.020	5150 to 5250	Pass
				120	5240.000	5150 to 5250	Pass
		5745	20	102	5745.000	5725 to 5850	Pass
				120	5744.960	5725 to 5850	Pass
				138	5745.000	5725 to 5850	Pass
			-30	120	5745.000	5725 to 5850	Pass
				120	5745.000	5725 to 5850	Pass
				120	5744.980	5725 to 5850	Pass
			-10	120	5744.980	5725 to 5850	Pass
				120	5744.980	5725 to 5850	Pass
				120	5745.000	5725 to 5850	Pass
			30	120	5745.000	5725 to 5850	Pass
				120	5745.000	5725 to 5850	Pass
				120	5744.980	5725 to 5850	Pass
		5785	20	102	5785.020	5725 to 5850	Pass
				120	5784.960	5725 to 5850	Pass
				138	5785.000	5725 to 5850	Pass
			-30	120	5785.000	5725 to 5850	Pass
				120	5785.000	5725 to 5850	Pass
				120	5785.000	5725 to 5850	Pass
			-10	120	5785.000	5725 to 5850	Pass
				120	5785.000	5725 to 5850	Pass
				120	5785.000	5725 to 5850	Pass
			10	120	5785.000	5725 to 5850	Pass
				120	5785.000	5725 to 5850	Pass
				120	5784.980	5725 to 5850	Pass
		5825	20	102	5825.000	5725 to 5850	Pass
				120	5824.980	5725 to 5850	Pass
				138	5825.000	5725 to 5850	Pass
			-30	120	5825.000	5725 to 5850	Pass
				120	5824.960	5725 to 5850	Pass
				120	5824.980	5725 to 5850	Pass
			-10	120	5824.980	5725 to 5850	Pass
				120	5825.000	5725 to 5850	Pass
				120	5825.000	5725 to 5850	Pass
			10	120	5825.000	5725 to 5850	Pass
				120	5824.960	5725 to 5850	Pass
				120	5824.980	5725 to 5850	Pass
802.11ac (VHT40)	MIMO	5190	20	102	5190.000	5150 to 5250	Pass
				120	5189.960	5150 to 5250	Pass
				138	5190.040	5150 to 5250	Pass
			-30	120	5189.960	5150 to 5250	Pass
				120	5190.000	5150 to 5250	Pass



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802.11ac (VHT80)	MIMO		-10	120	5190.040	5150 to 5250	Pass
			0	120	5190.080	5150 to 5250	Pass
			10	120	5190.040	5150 to 5250	Pass
			30	120	5190.040	5150 to 5250	Pass
			40	120	5190.080	5150 to 5250	Pass
			50	120	5190.000	5150 to 5250	Pass
		5230	20	102	5230.120	5150 to 5250	Pass
				120	5230.000	5150 to 5250	Pass
				138	5230.000	5150 to 5250	Pass
			-30	120	5230.080	5150 to 5250	Pass
			-20	120	5230.000	5150 to 5250	Pass
			-10	120	5230.080	5150 to 5250	Pass
			0	120	5229.960	5150 to 5250	Pass
			10	120	5230.000	5150 to 5250	Pass
			30	120	5229.960	5150 to 5250	Pass
			40	120	5230.040	5150 to 5250	Pass
			50	120	5230.040	5150 to 5250	Pass
		5755	20	102	5755.000	5725 to 5850	Pass
				120	5755.000	5725 to 5850	Pass
				138	5754.960	5725 to 5850	Pass
			-30	120	5755.000	5725 to 5850	Pass
			-20	120	5755.000	5725 to 5850	Pass
			-10	120	5754.920	5725 to 5850	Pass
			0	120	5755.000	5725 to 5850	Pass
			10	120	5754.920	5725 to 5850	Pass
			30	120	5755.040	5725 to 5850	Pass
			40	120	5755.080	5725 to 5850	Pass
			50	120	5755.000	5725 to 5850	Pass
		5795	20	102	5795.040	5725 to 5850	Pass
				120	5794.960	5725 to 5850	Pass
				138	5795.000	5725 to 5850	Pass
			-30	120	5795.000	5725 to 5850	Pass
			-20	120	5794.960	5725 to 5850	Pass
			-10	120	5794.960	5725 to 5850	Pass
			0	120	5794.960	5725 to 5850	Pass
			10	120	5794.960	5725 to 5850	Pass
			30	120	5795.040	5725 to 5850	Pass
			40	120	5794.960	5725 to 5850	Pass
			50	120	5795.080	5725 to 5850	Pass
		5210	20	102	5210.075	5150 to 5250	Pass
				120	5210.150	5150 to 5250	Pass
				138	5210.150	5150 to 5250	Pass
			-30	120	5210.150	5150 to 5250	Pass
			-20	120	5210.000	5150 to 5250	Pass
			-10	120	5210.225	5150 to 5250	Pass
			0	120	5210.075	5150 to 5250	Pass
			10	120	5210.000	5150 to 5250	Pass
			30	120	5210.000	5150 to 5250	Pass
			40	120	5210.075	5150 to 5250	Pass
			50	120	5210.000	5150 to 5250	Pass
		5775	20	102	5774.925	5725 to 5850	Pass
				120	5774.925	5725 to 5850	Pass



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			138	5774.925	5725 to 5850	Pass
		-30	120	5775.000	5725 to 5850	Pass
		-20	120	5775.000	5725 to 5850	Pass
		-10	120	5775.075	5725 to 5850	Pass
		0	120	5775.075	5725 to 5850	Pass
		10	120	5774.925	5725 to 5850	Pass
		30	120	5775.000	5725 to 5850	Pass
		40	120	5775.000	5725 to 5850	Pass
		50	120	5774.925	5725 to 5850	Pass



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