

Appendix B for SHEM210700742202

1. Duty Cycle

1.1 Ant1

1.1.1 Test Result

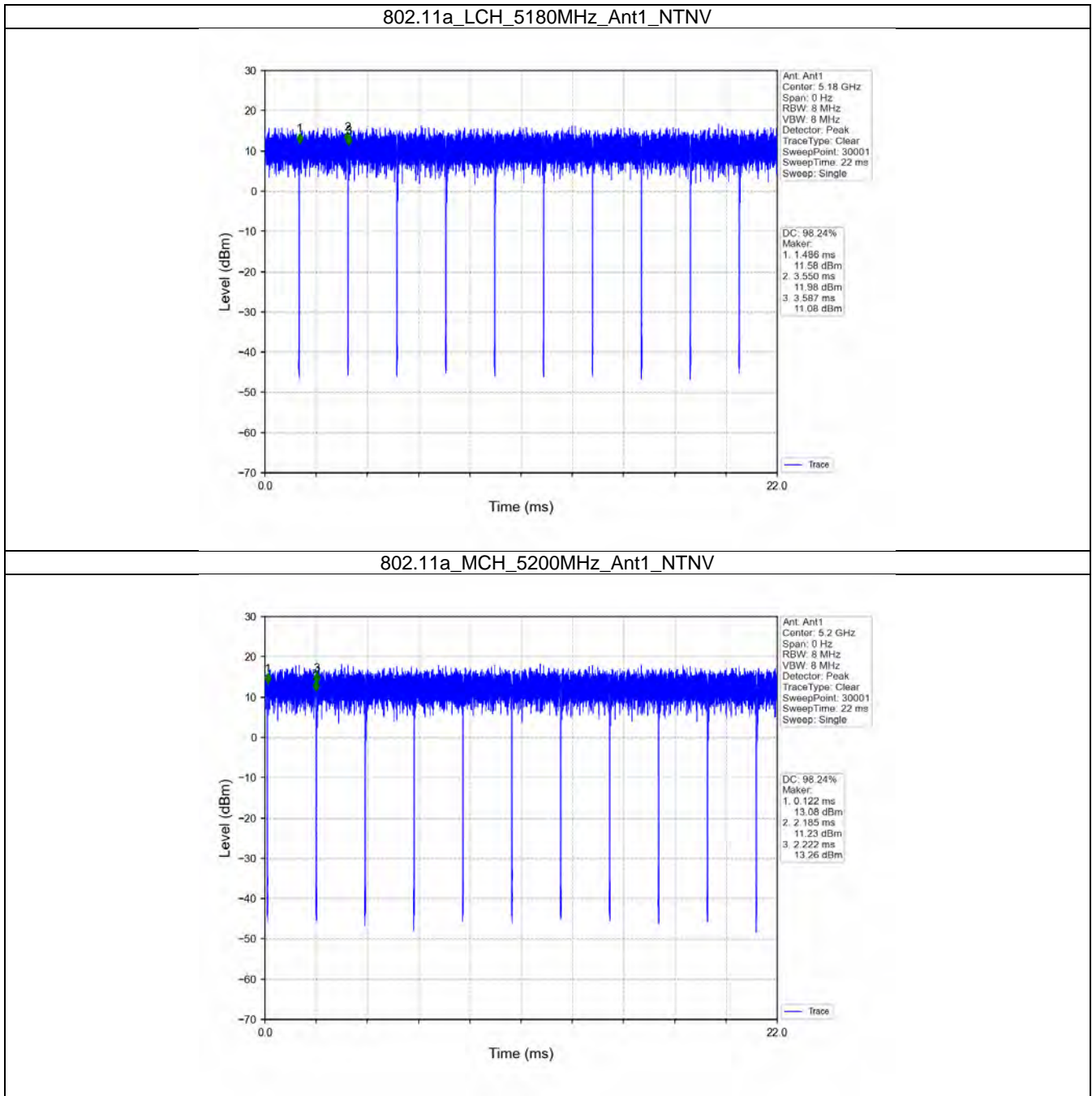
Ant1							
Mode	TX Type	Frequency (MHz)	T_on (ms)	Period (ms)	Duty Cycle (%)	Duty Cycle Correction Factor (dB)	Max. DC Variation (%)
802.11a	SISO	5180	2.064	2.101	98.24	0.08	0.03
		5200	2.063	2.100	98.24	0.08	0.03
		5240	2.063	2.100	98.24	0.08	0.03
		5260	2.063	2.100	98.24	0.08	0.03
		5300	2.063	2.100	98.24	0.08	0.03
		5320	2.064	2.101	98.24	0.08	0.03
		5500	2.063	2.100	98.24	0.08	0.03
		5580	2.064	2.100	98.29	0.08	0.03
		5700	2.064	2.101	98.24	0.08	0.03
		5745	2.063	2.100	98.24	0.08	0.03
		5785	2.063	2.100	98.24	0.08	0.03
802.11n (HT20)	SISO	5825	2.065	2.100	98.33	0.07	0.03
		5180	1.920	1.957	98.11	0.08	0.03
		5200	1.920	1.956	98.16	0.08	0.03
		5240	1.920	1.956	98.16	0.08	0.03
		5260	1.920	1.956	98.16	0.08	0.03
		5300	1.920	1.957	98.11	0.08	0.03
		5320	1.920	1.957	98.11	0.08	0.03
		5500	1.919	1.956	98.11	0.08	0.03
		5580	1.920	1.957	98.11	0.08	0.03
		5700	1.920	1.957	98.11	0.08	0.03
		5745	1.920	1.957	98.11	0.08	0.03
5785	1.920	1.956	98.16	0.08	0.03		
5825	1.920	1.957	98.11	0.08	0.03		



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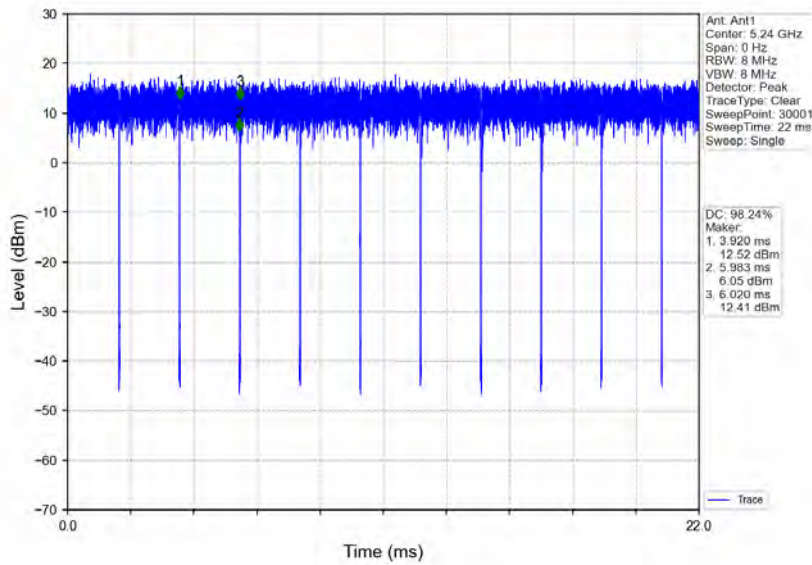
1.1.2 Test Graph



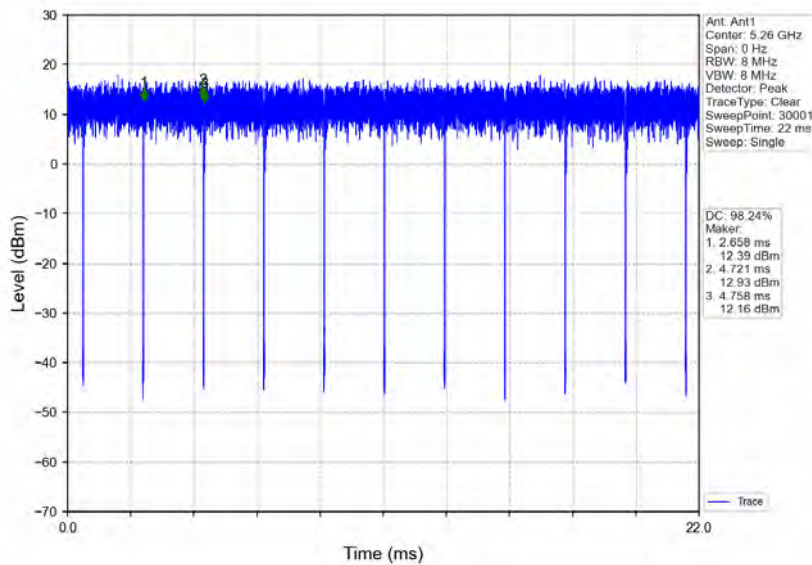
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802.11a_HCH_5240MHz_Ant1_NTNV

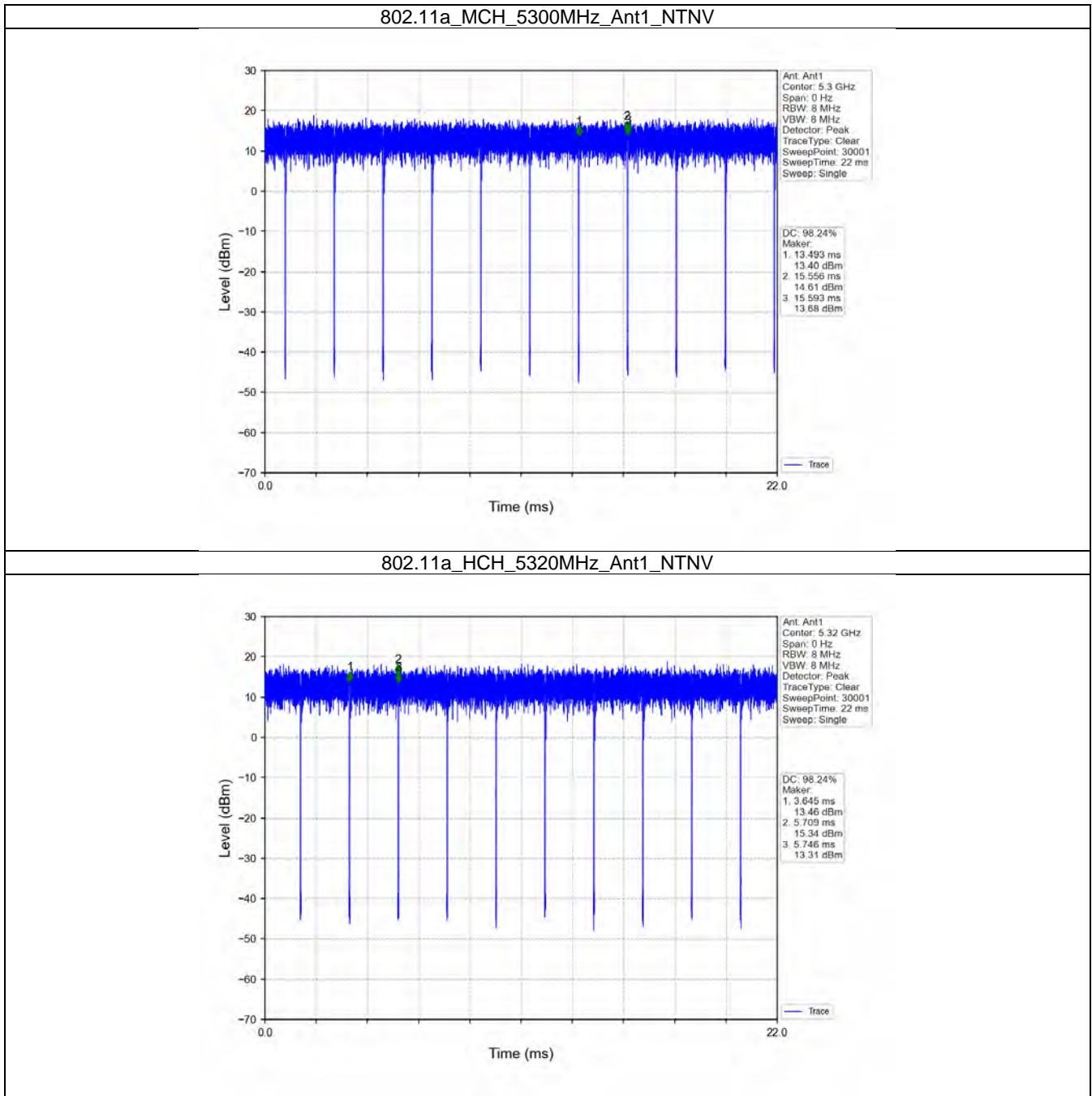


802.11a_LCH_5260MHz_Ant1_NTNV



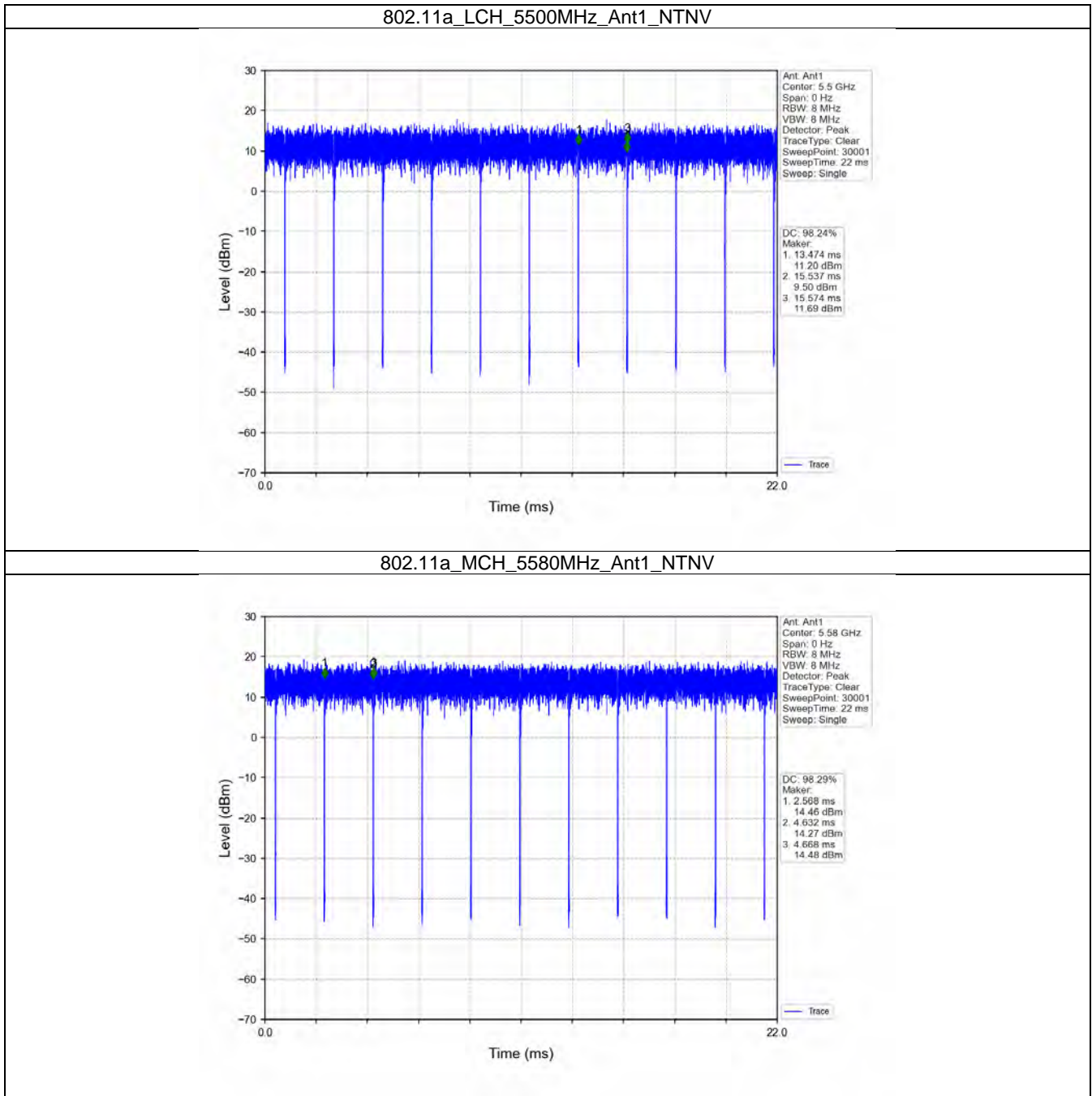
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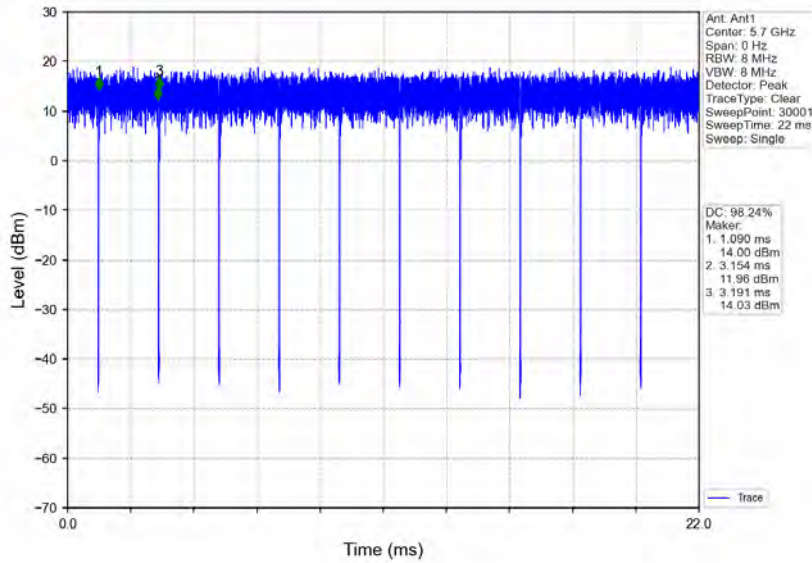
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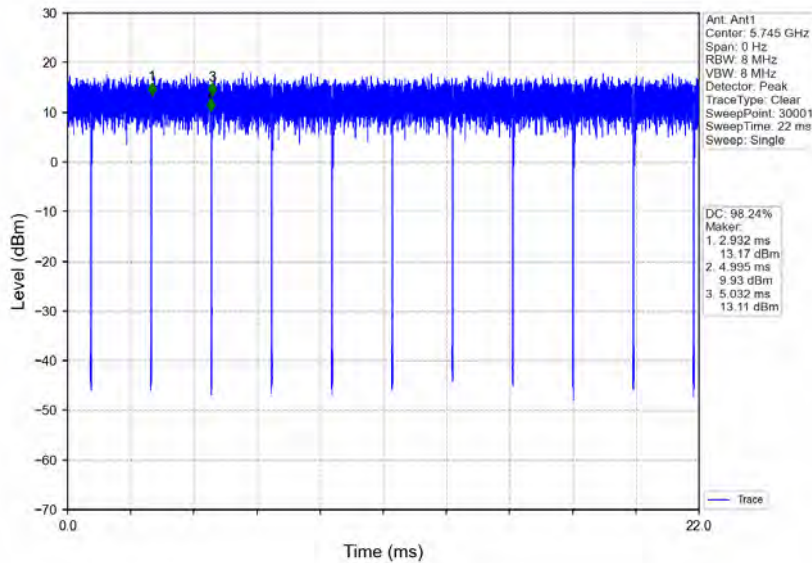
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802.11a_HCH_5700MHz_Ant1_NTNV



802.11a_LCH_5745MHz_Ant1_NTNV



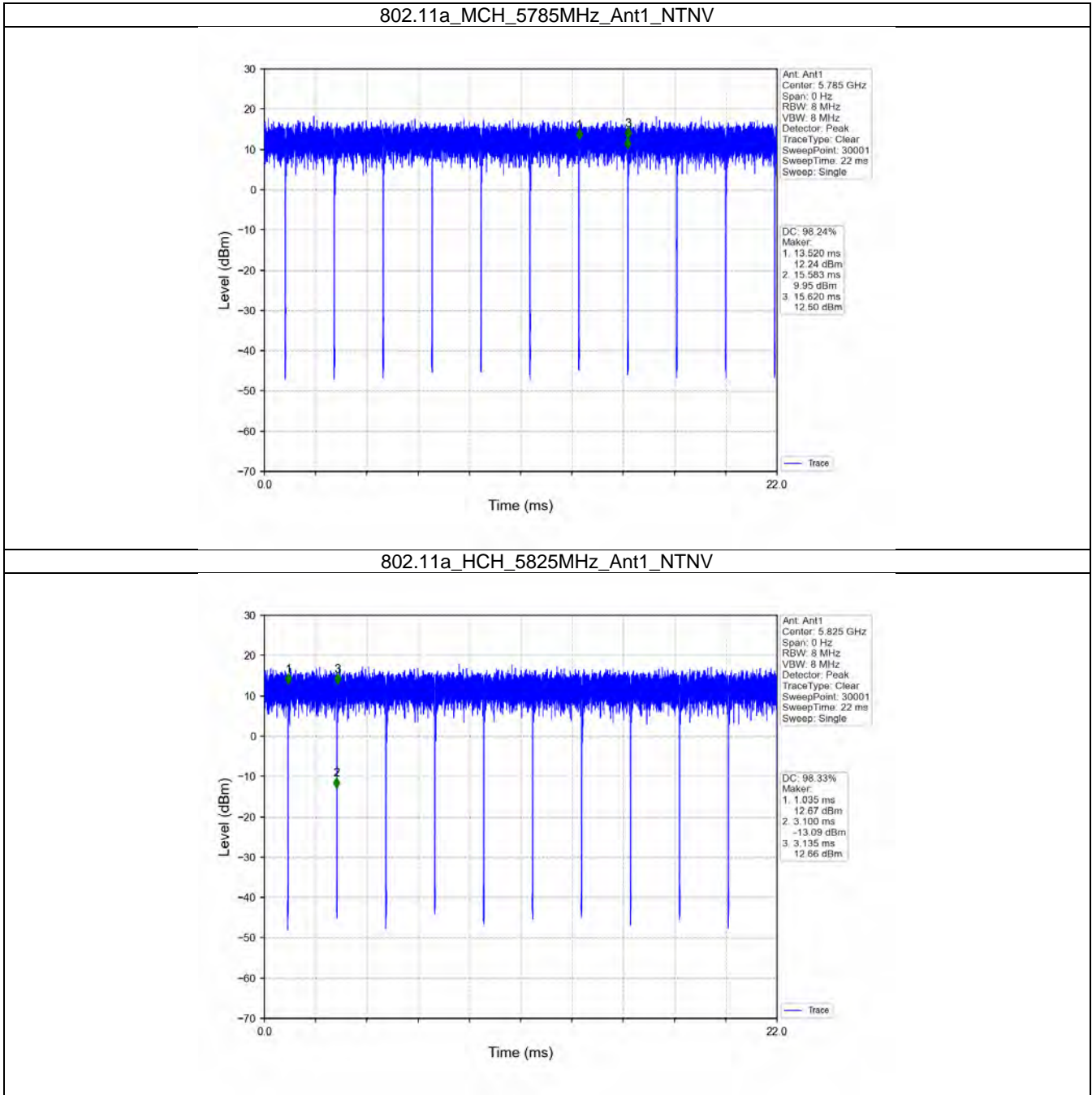
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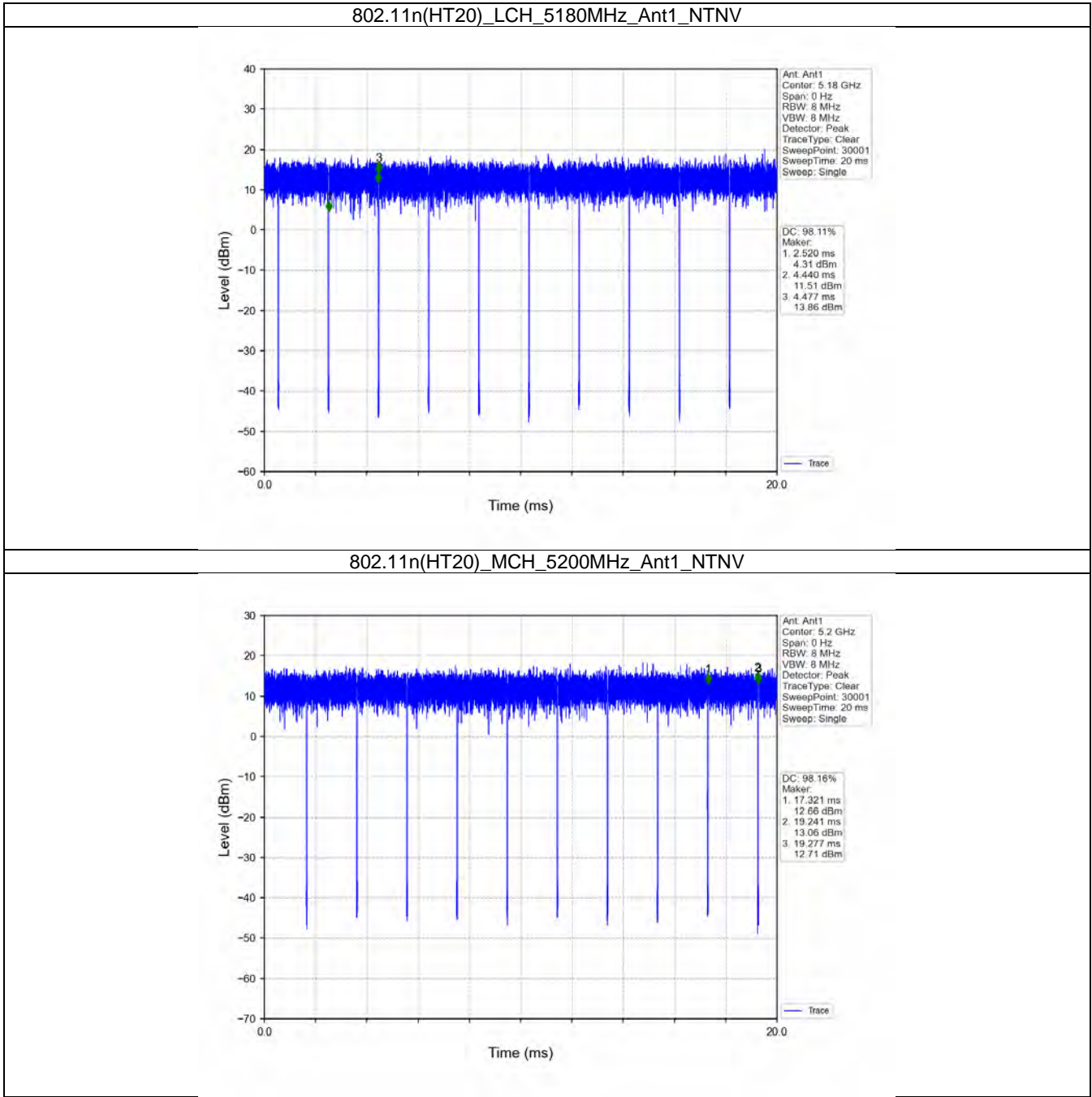
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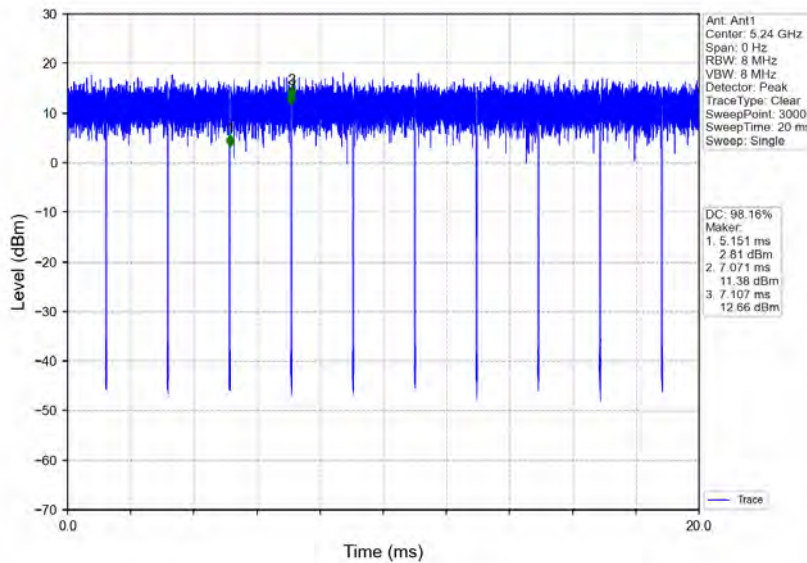
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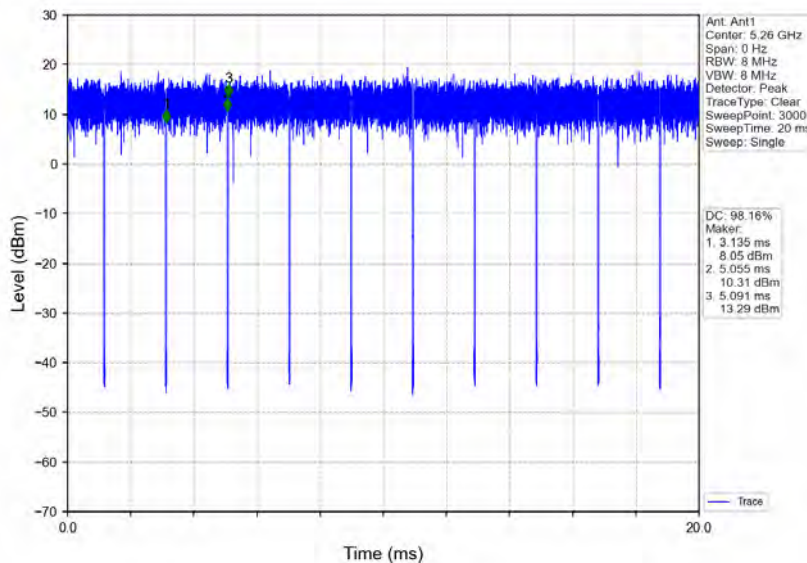
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802.11n(HT20)_HCH_5240MHz_Ant1_NTNV



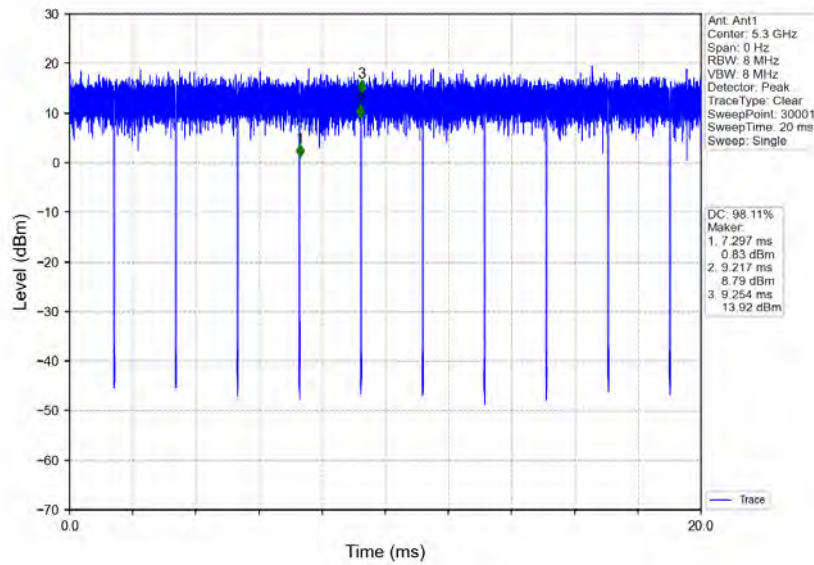
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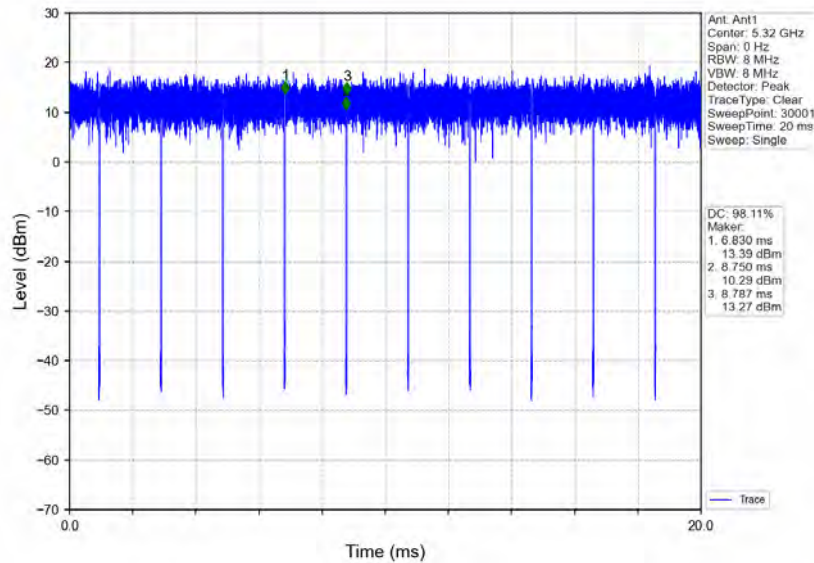
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802.11n(HT20)_MCH_5300MHz_Ant1_NTNV



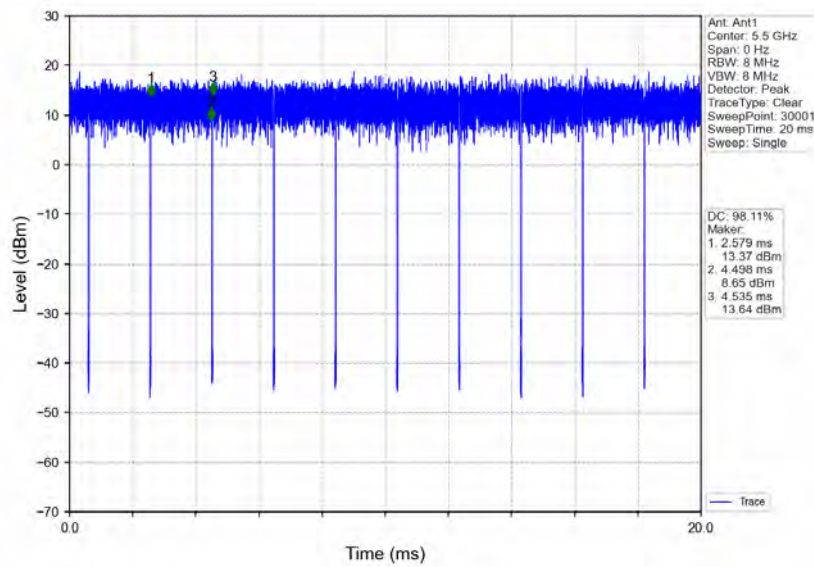
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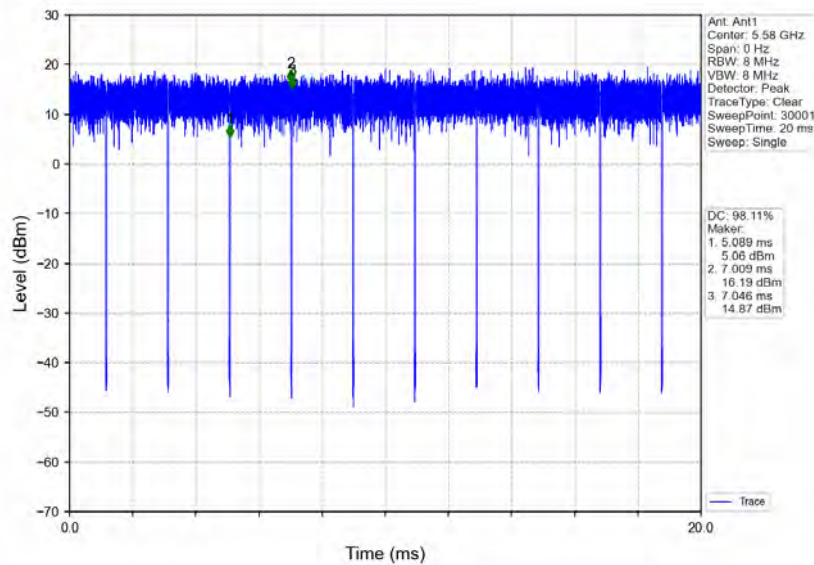
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802.11n(HT20)_LCH_5500MHz_Ant1_NTNV



802.11n(HT20)_MCH_5580MHz_Ant1_NTNV



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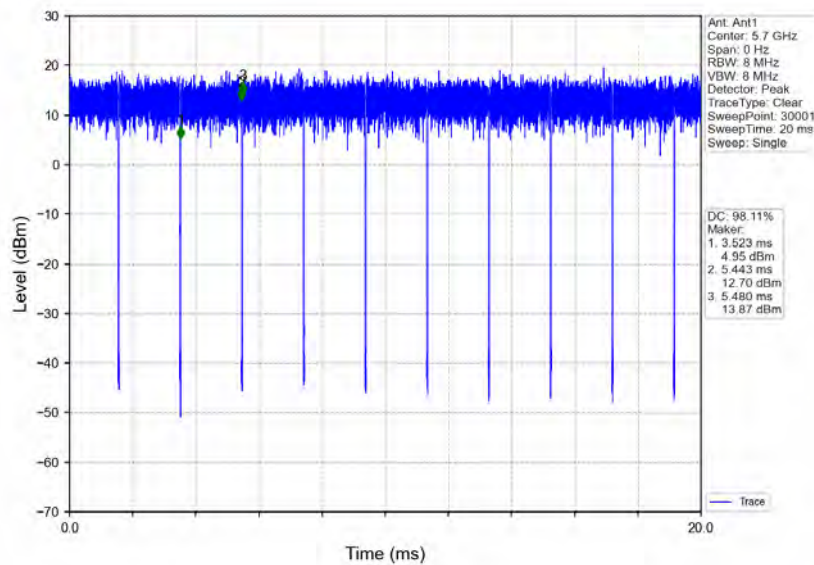
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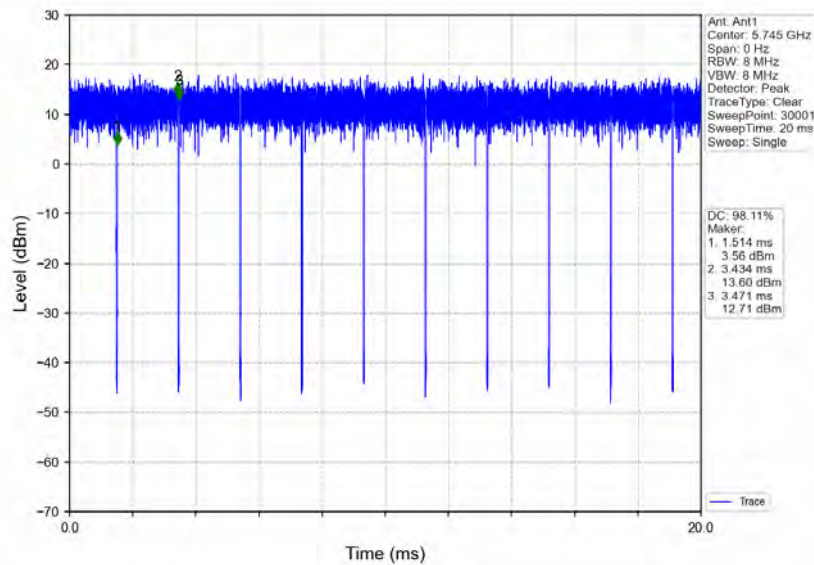
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802.11n(HT20)_HCH_5700MHz_Ant1_NTNV



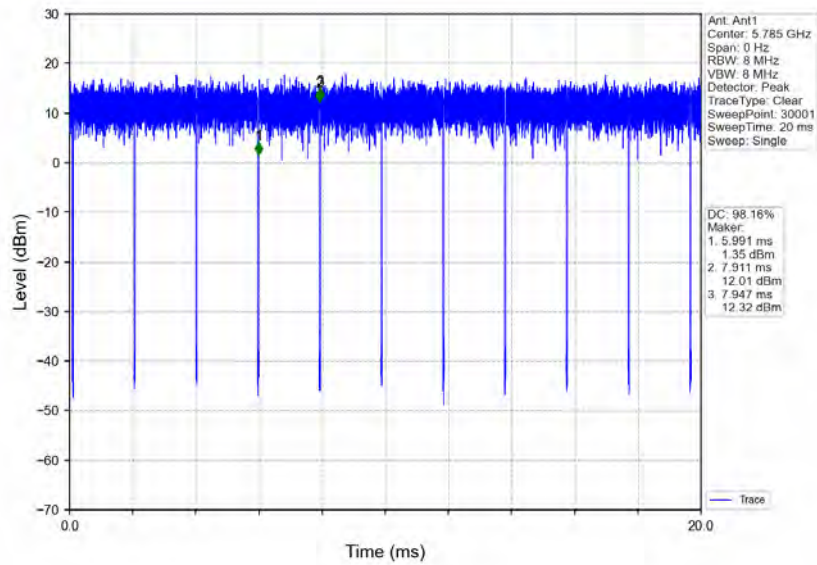
802.11n(HT20)_LCH_5745MHz_Ant1_NTNV



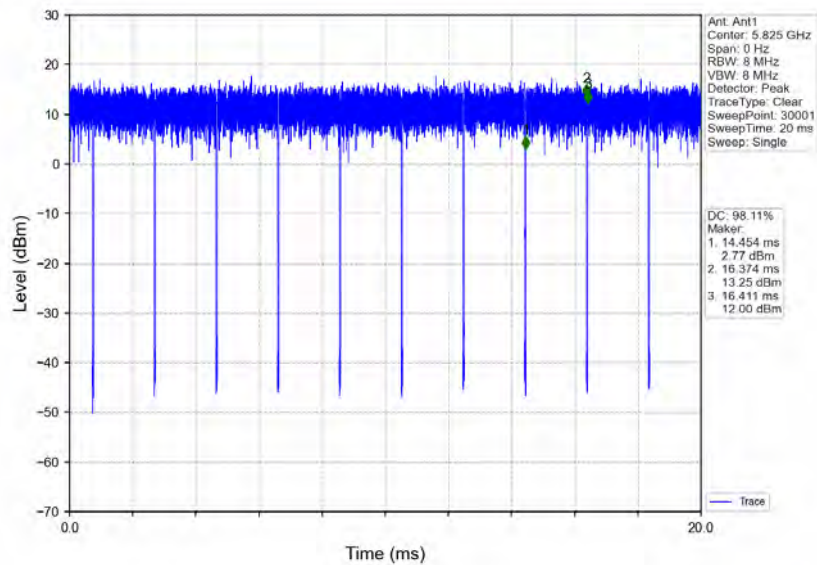
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802.11n(HT20)_MCH_5785MHz_Ant1_NTNV



802.11n(HT20)_HCH_5825MHz_Ant1_NTNV



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1.2 Ant2

1.2.1 Test Result

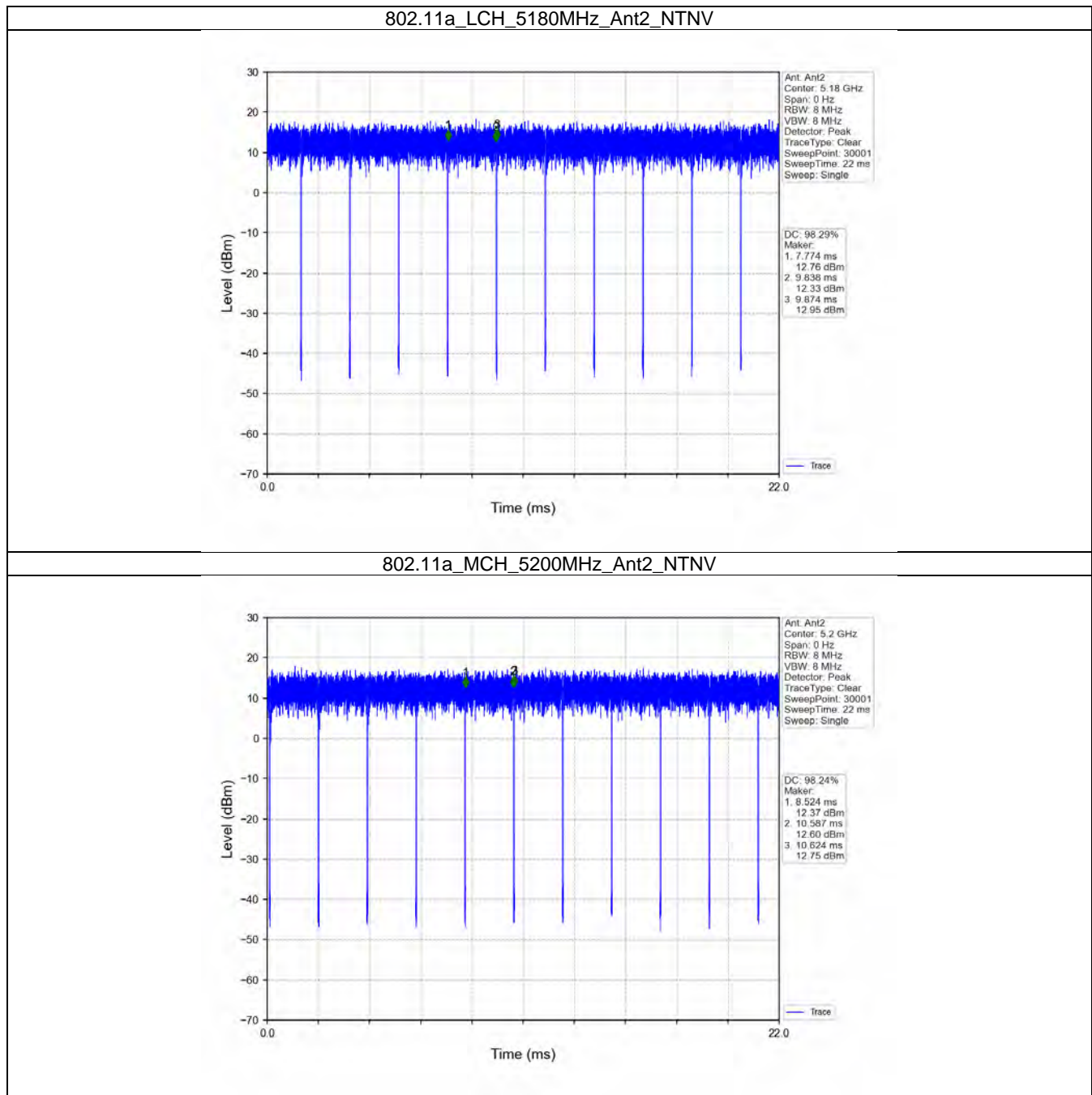
Ant2							
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		5745	2.063	2.100	98.24	0.08	0.03
		5785	2.064	2.100	98.29	0.08	0.03
		5825	2.063	2.100	98.24	0.08	0.03
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		5300	1.920	1.957	98.11	0.08	0.03
		5320	1.920	1.957	98.11	0.08	0.03
		5500	1.920	1.957	98.11	0.08	0.03
		5580	1.920	1.957	98.11	0.08	0.03
		5700	1.920	1.956	98.16	0.08	0.03
		5745	1.920	1.956	98.16	0.08	0.03
		5785	1.920	1.956	98.16	0.08	0.03
		5825	1.920	1.956	98.16	0.08	0.03



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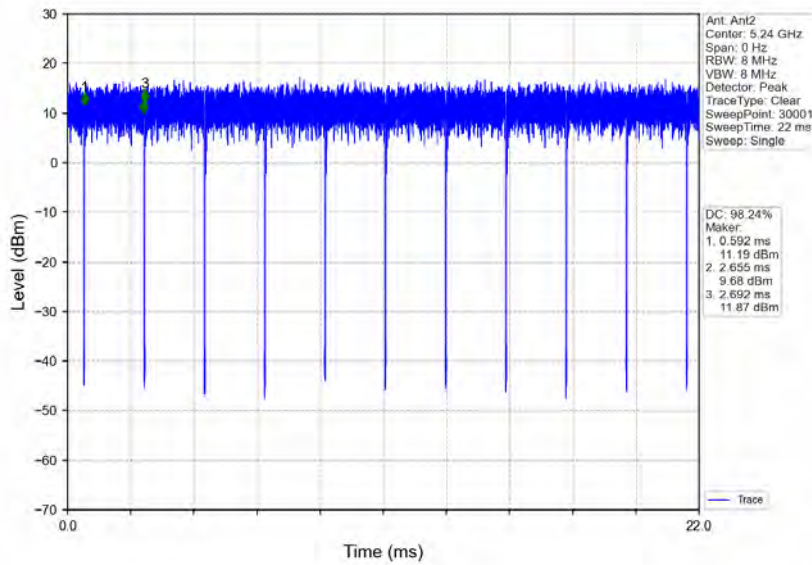
1.2.2 Test Graph



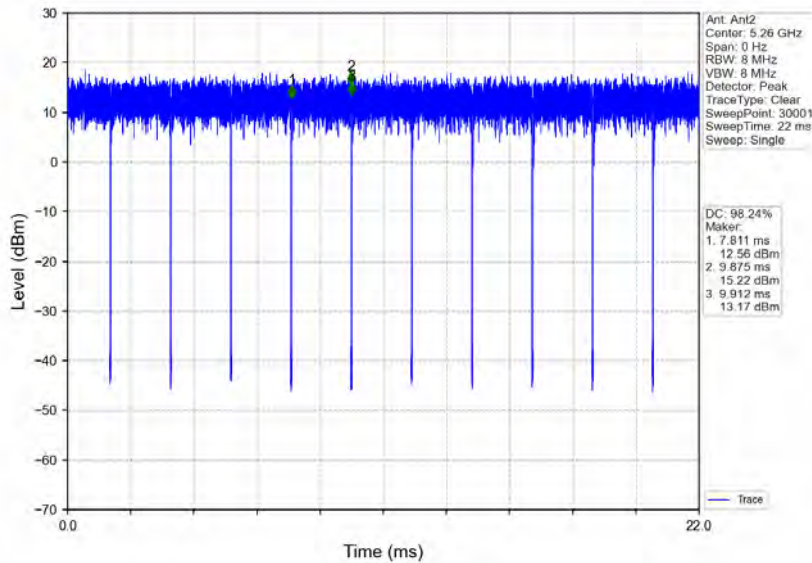
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802.11a_HCH_5240MHz_Ant2_NTNV



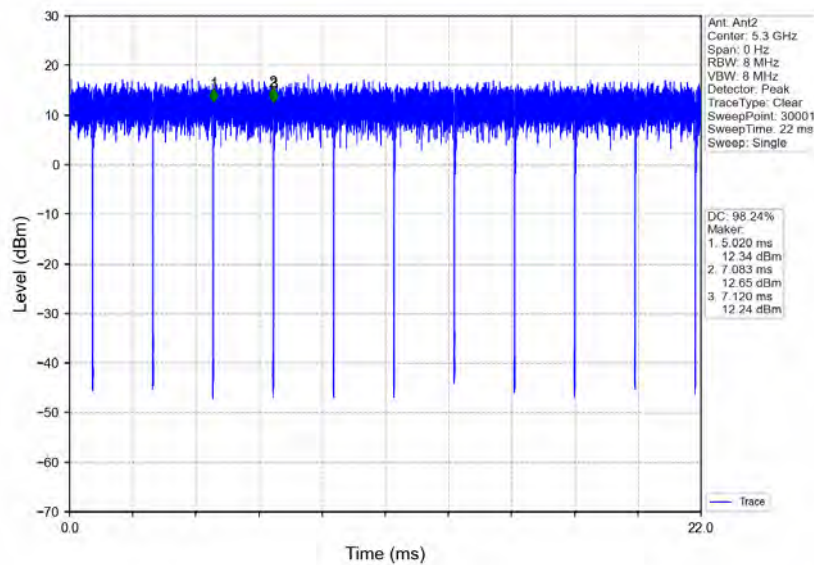
802.11a_LCH_5260MHz_Ant2_NTNV



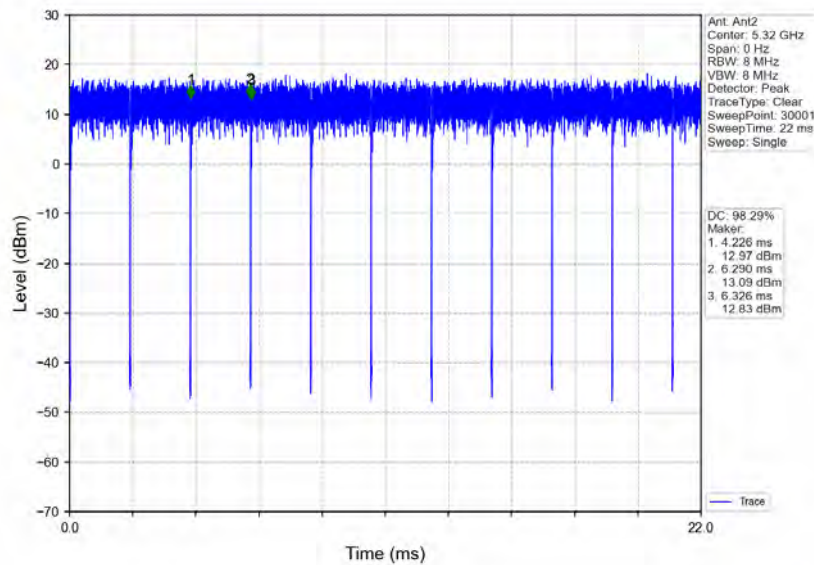
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802.11a_MCH_5300MHz_Ant2_NTNV

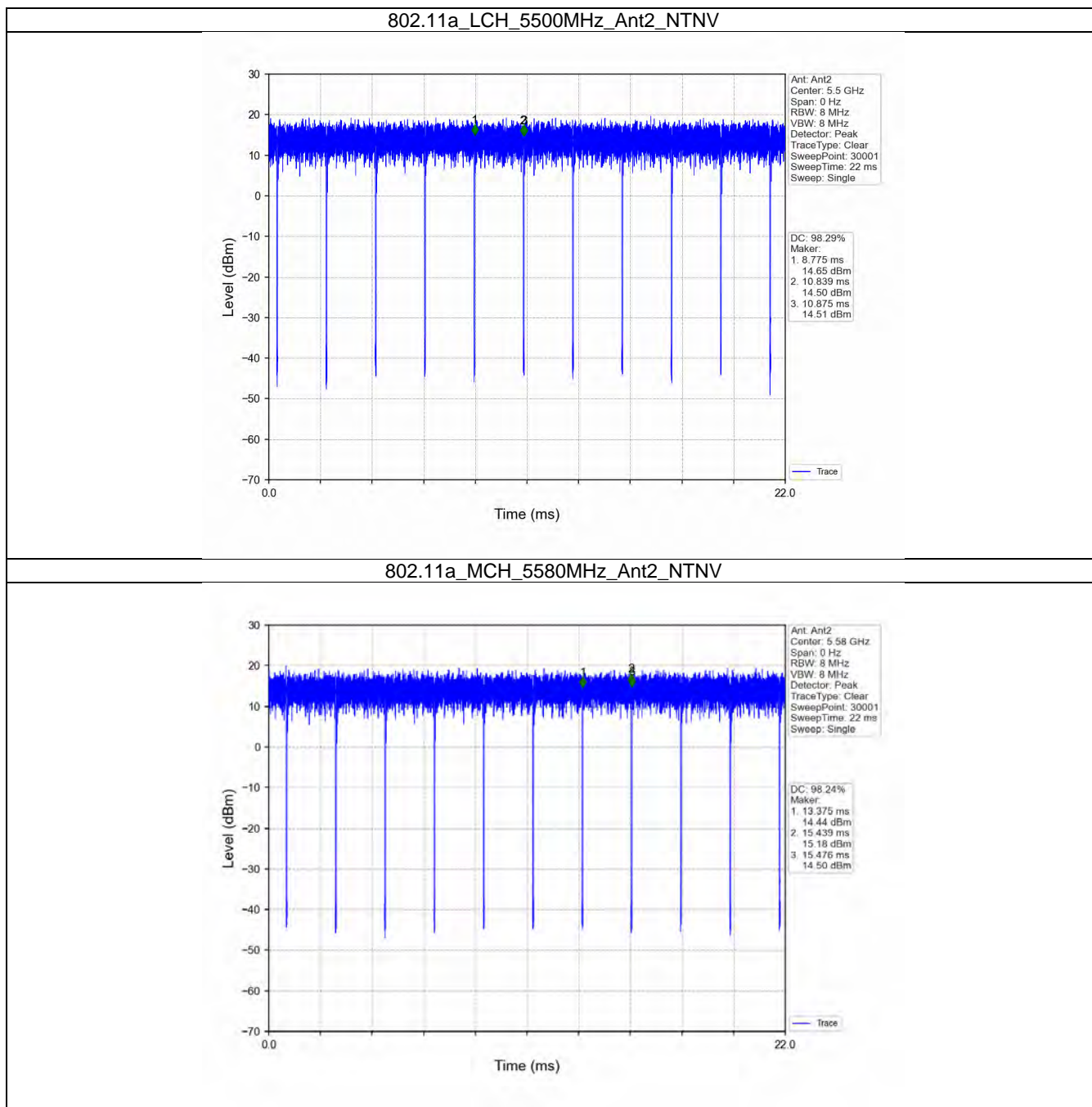


802.11a_HCH_5320MHz_Ant2_NTNV



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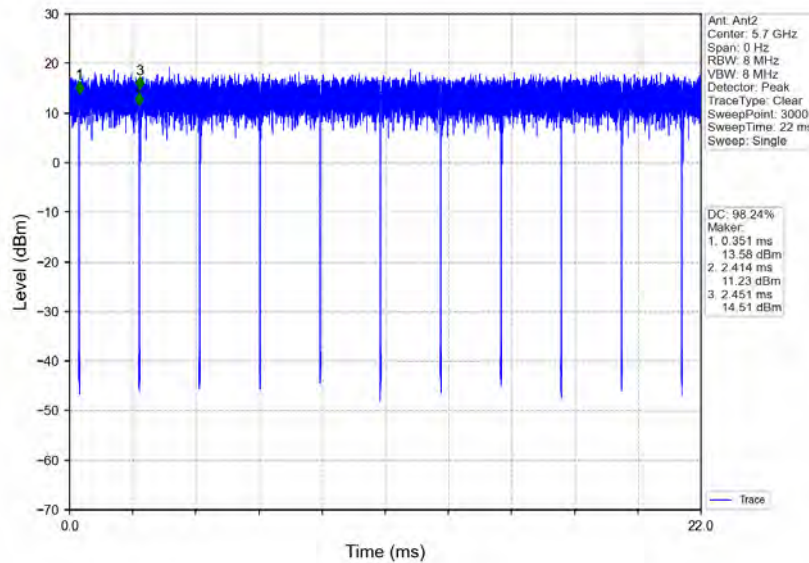
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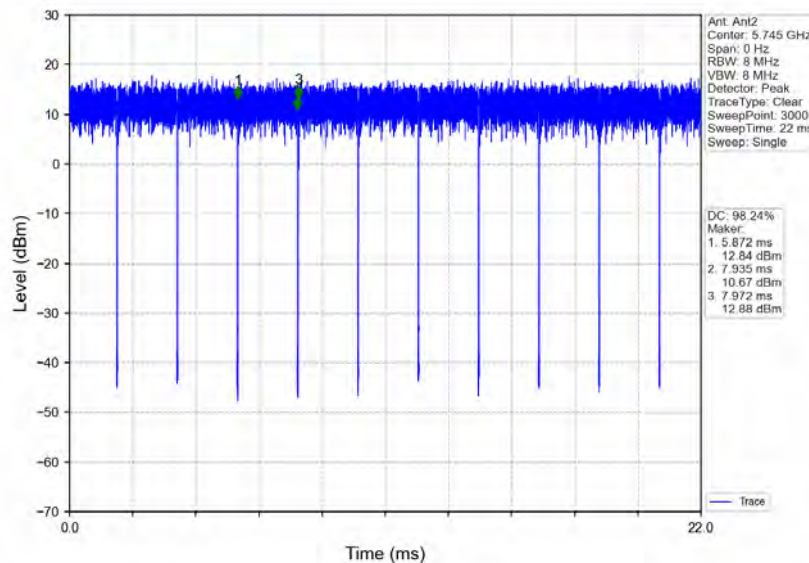
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802.11a_HCH_5700MHz_Ant2_NTNV

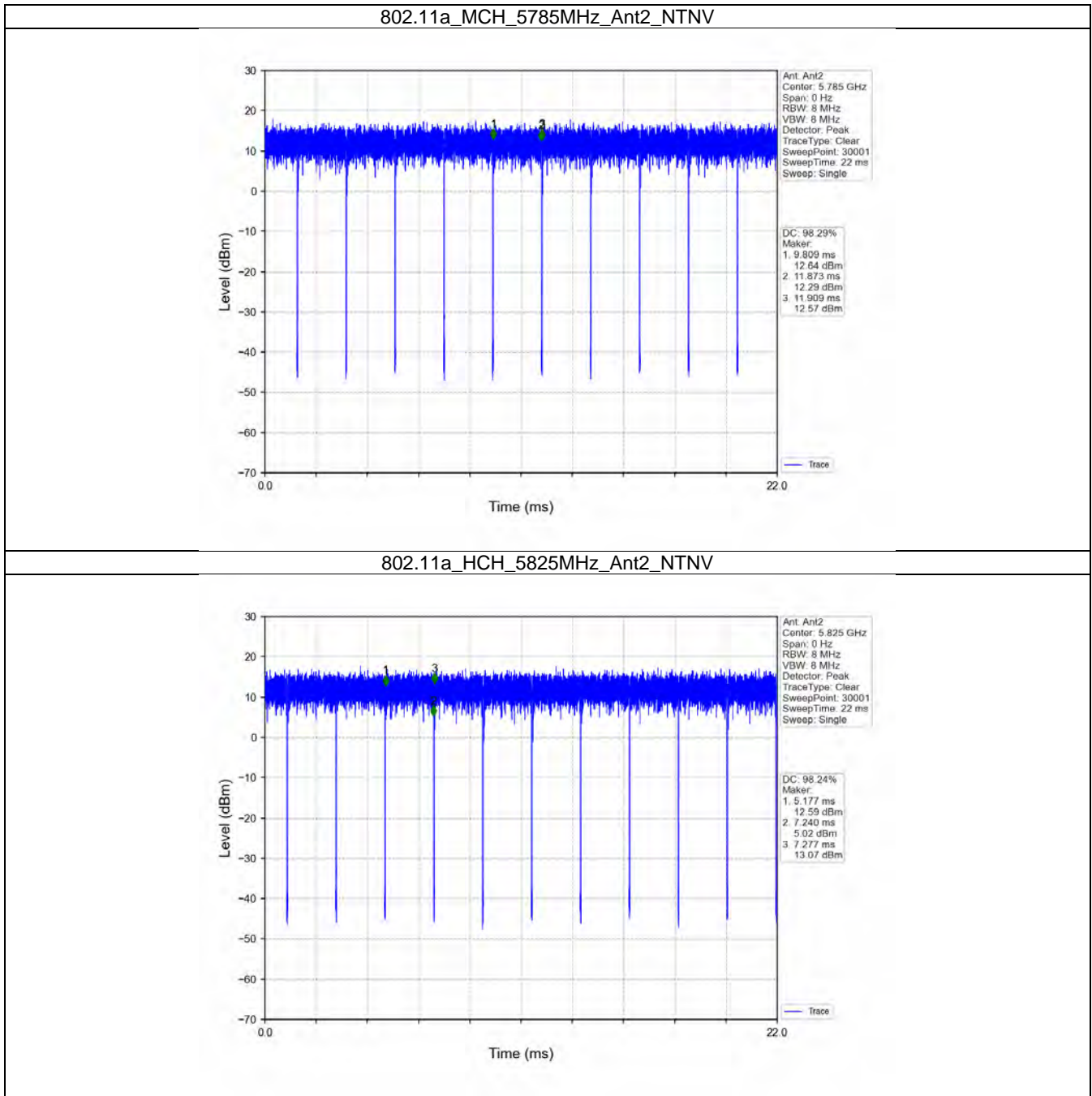


802.11a_LCH_5745MHz_Ant2_NTNV



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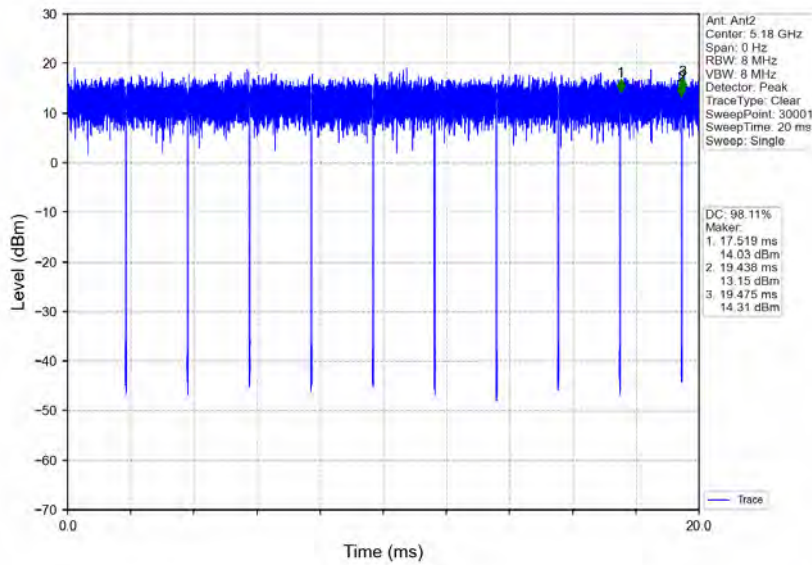
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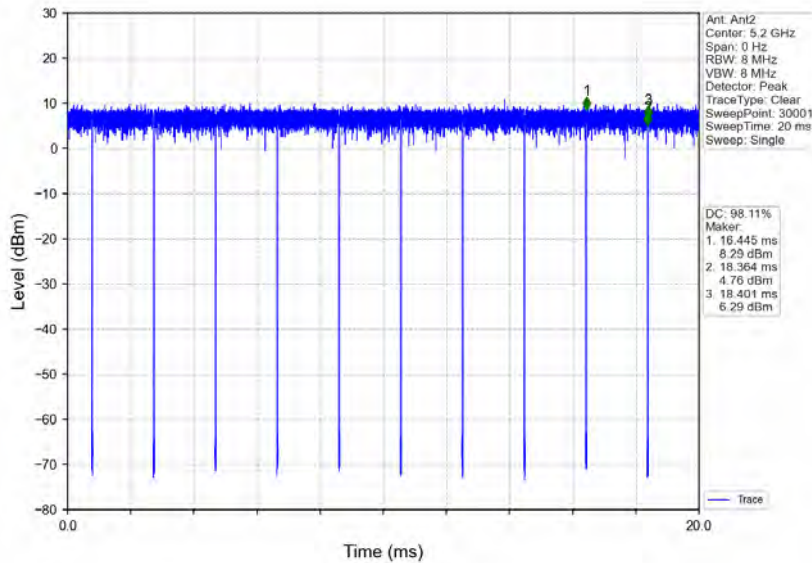
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802.11n(HT20)_LCH_5180MHz_Ant2_NTNV

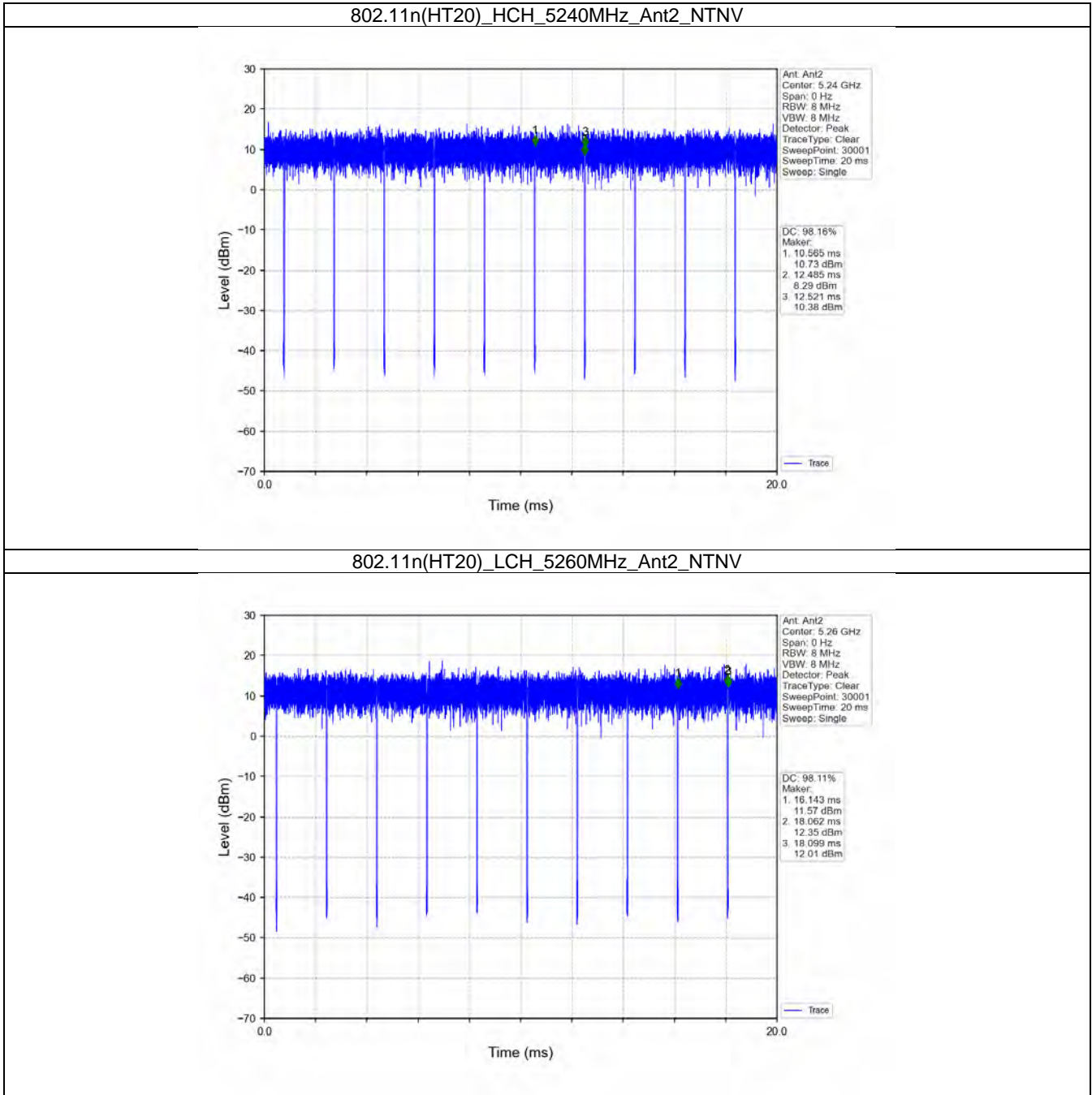


802.11n(HT20)_MCH_5200MHz_Ant2_NTNV



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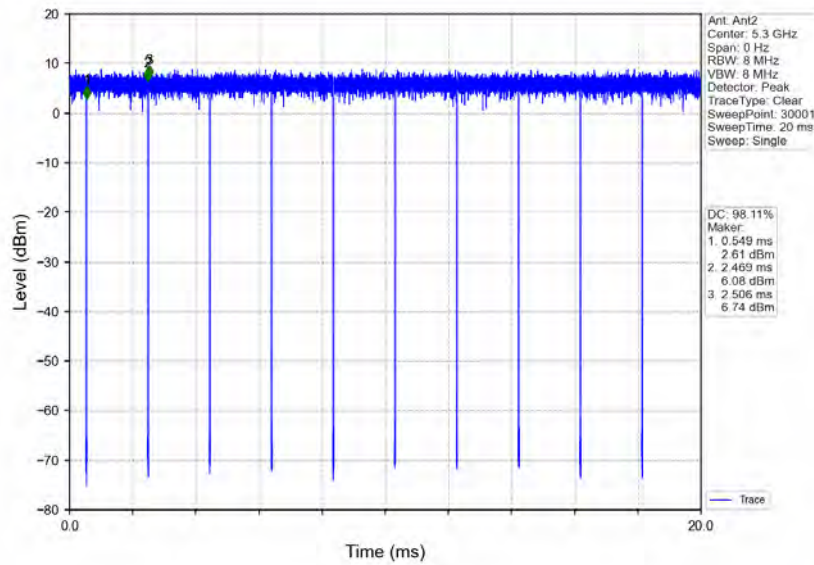
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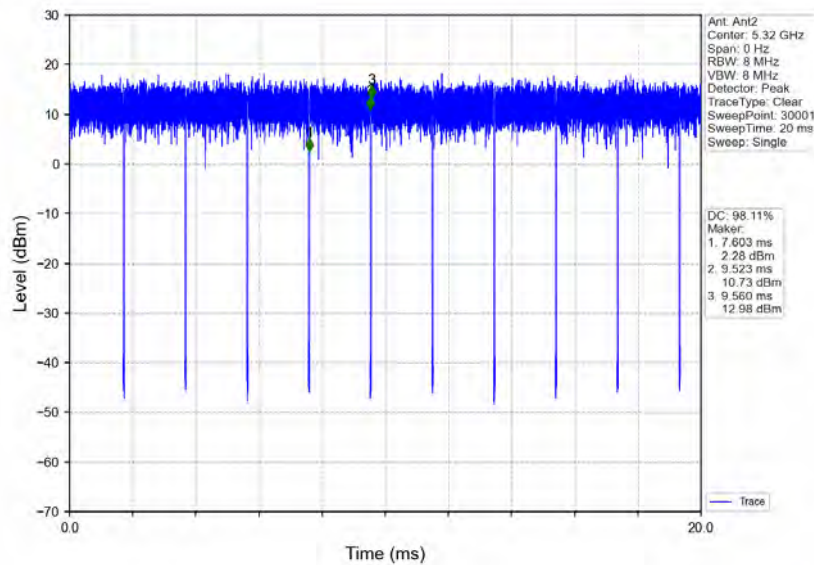
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802.11n(HT20)_MCH_5300MHz_Ant2_NTNV



802.11n(HT20)_HCH_5320MHz_Ant2_NTNV



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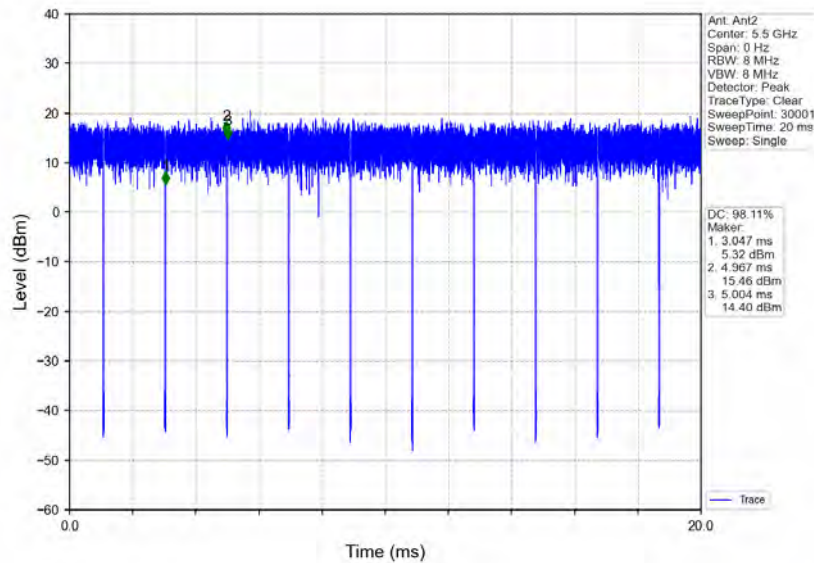
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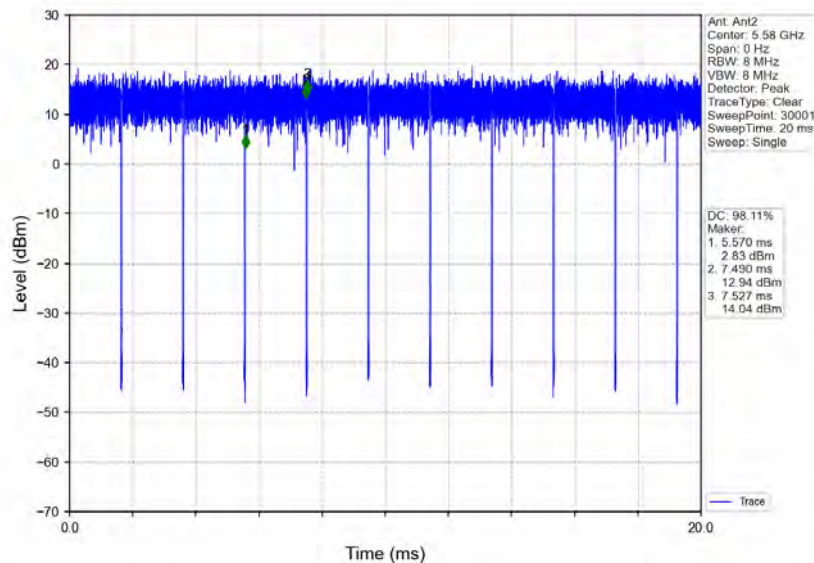
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802.11n(HT20)_LCH_5500MHz_Ant2_NTNV



802.11n(HT20)_MCH_5580MHz_Ant2_NTNV



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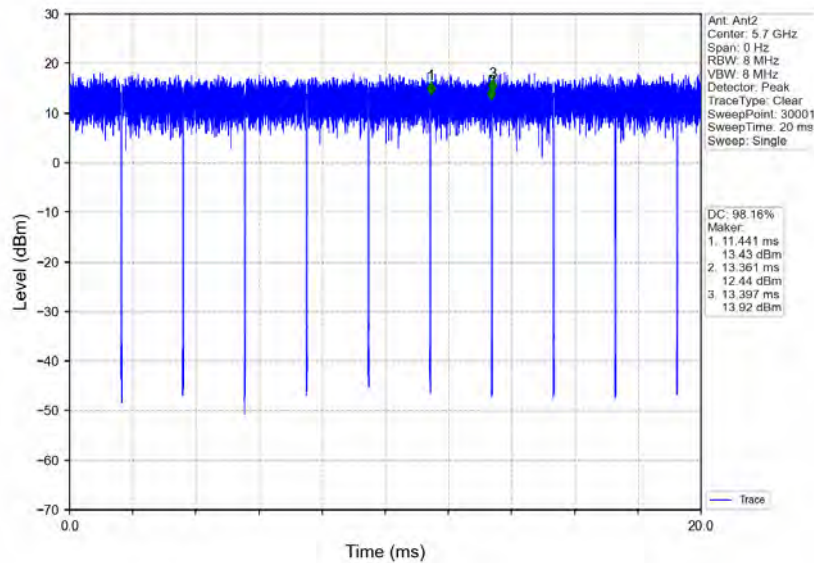
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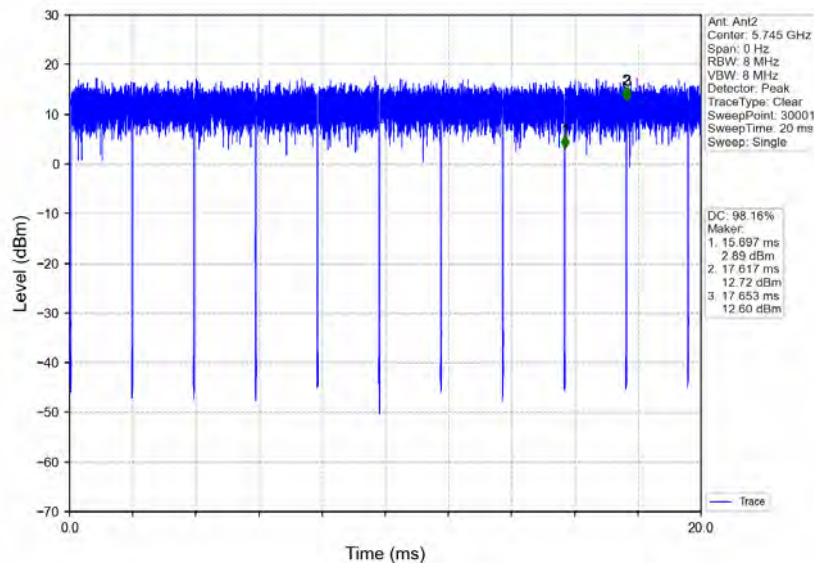
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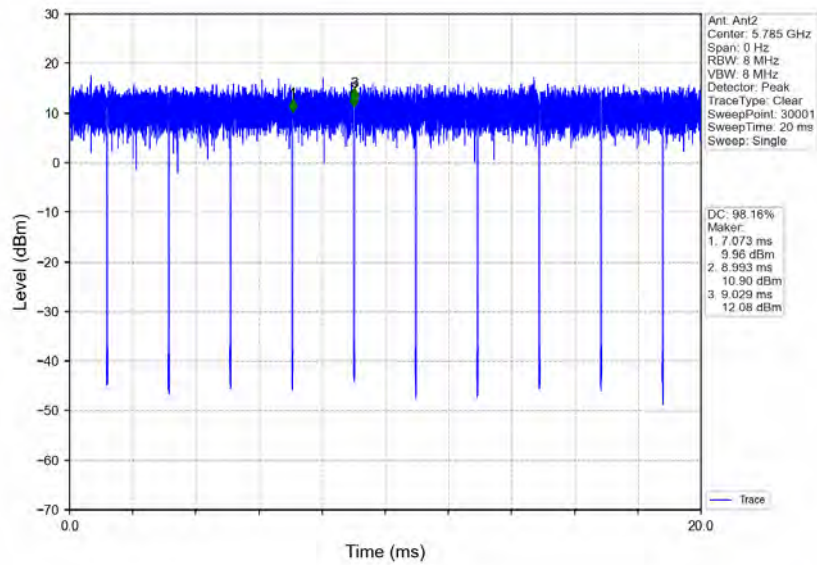
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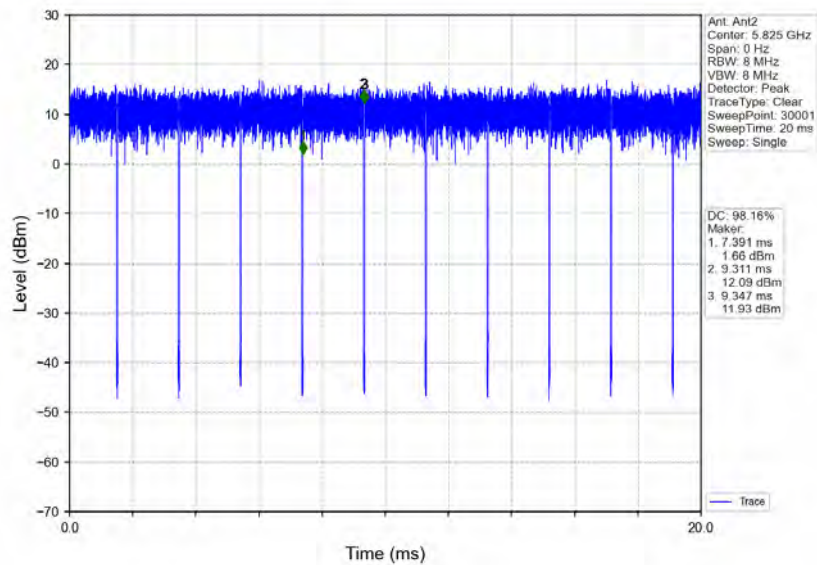
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802.11n(HT20)_MCH_5785MHz_Ant2_NTNV



802.11n(HT20)_HCH_5825MHz_Ant2_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	17.892	Pass
			2	18.023	Pass
		5200	1	18.105	Pass
			2	18.141	Pass
		5240	1	18.005	Pass
			2	18.166	Pass
		5260	1	18.060	Pass
			2	18.266	Pass
		5300	1	18.226	Pass
			2	18.187	Pass
		5320	1	18.260	Pass
			2	18.473	Pass
		5500	1	18.338	Pass
			2	18.466	Pass
		5580	1	18.363	Pass
			2	18.385	Pass
		5700	1	18.386	Pass
			2	18.507	Pass
		5745	1	18.276	Pass
			2	18.351	Pass
5785	1	18.205	Pass		
	2	18.566	Pass		
5825	1	18.213	Pass		
	2	18.528	Pass		
802.11n (HT20)	SISO	5180	1	18.962	Pass
			2	19.128	Pass
		5200	1	19.109	Pass
			2	18.937	Pass
		5240	1	19.001	Pass
			2	19.008	Pass
		5260	1	19.127	Pass
			2	19.270	Pass
		5300	1	19.198	Pass
			2	19.697	Pass
		5320	1	19.137	Pass
			2	19.331	Pass
		5500	1	19.443	Pass
			2	19.520	Pass
5580	1	19.118	Pass		
	2	19.301	Pass		
5700	1	19.308	Pass		
	2	19.732	Pass		



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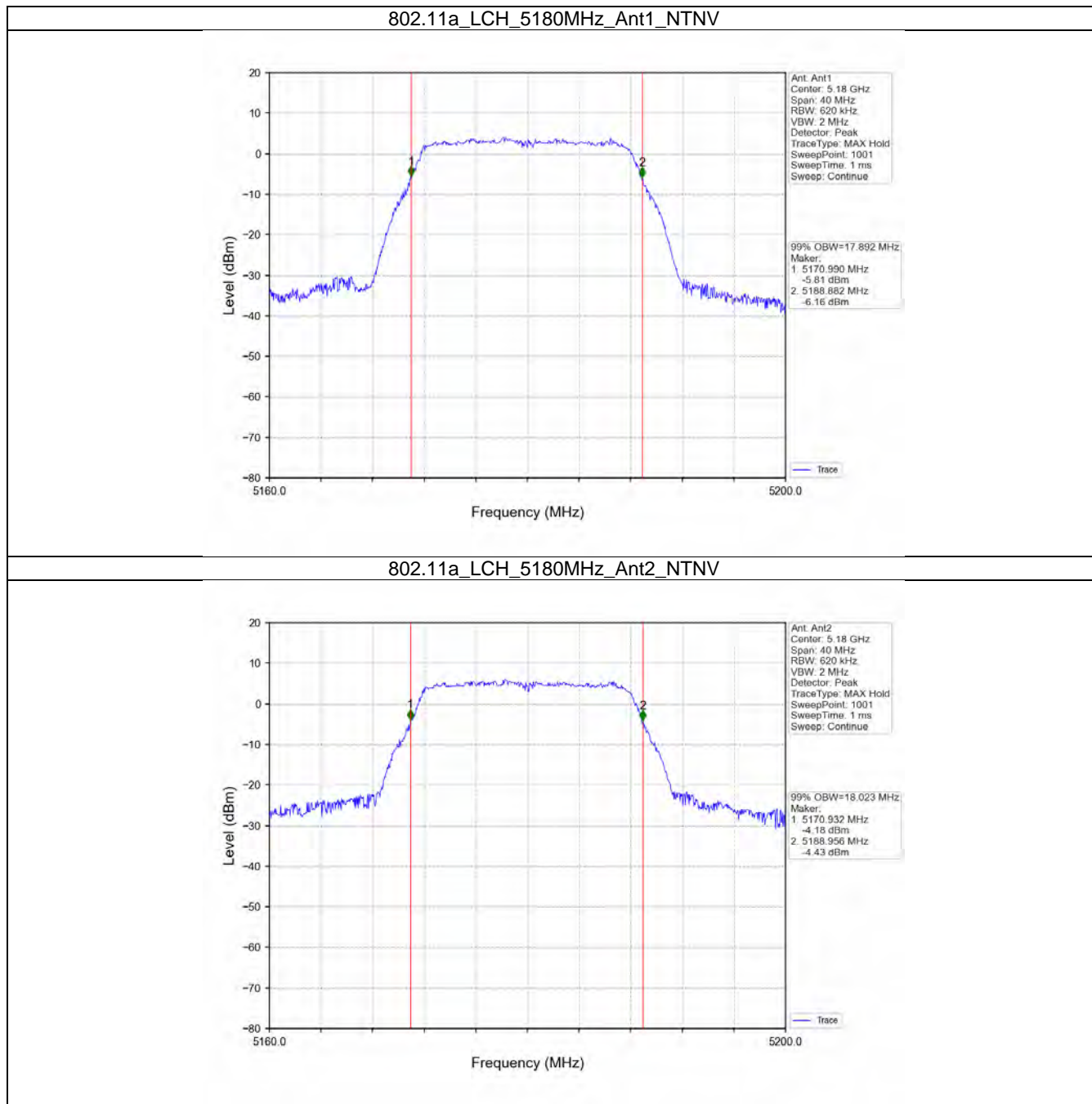
	5745	1	19.225	Pass
		2	19.366	Pass
	5785	1	19.163	Pass
		2	19.139	Pass
	5825	1	19.120	Pass
		2	19.225	Pass



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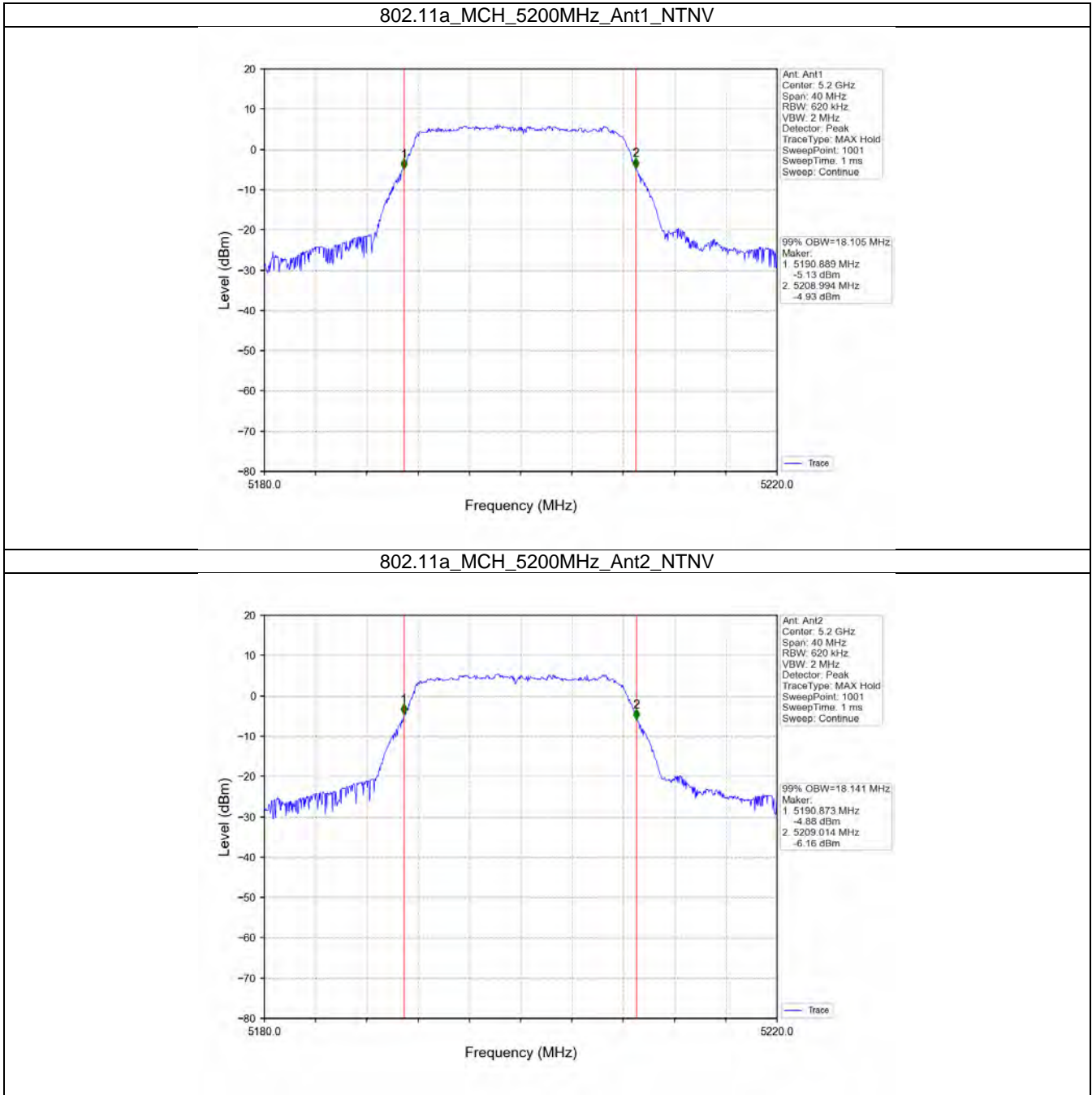
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2.1.2 Test Graph



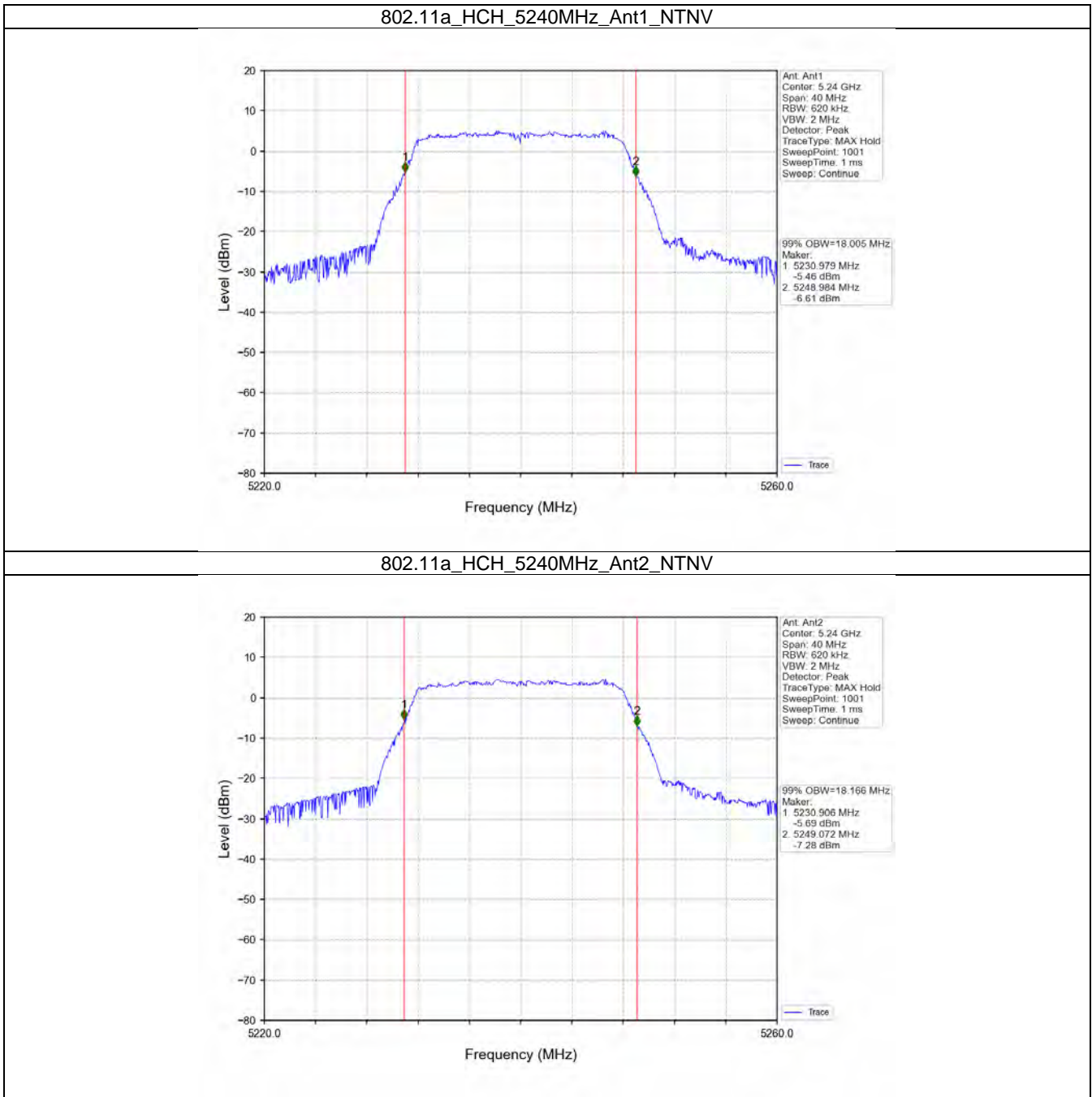
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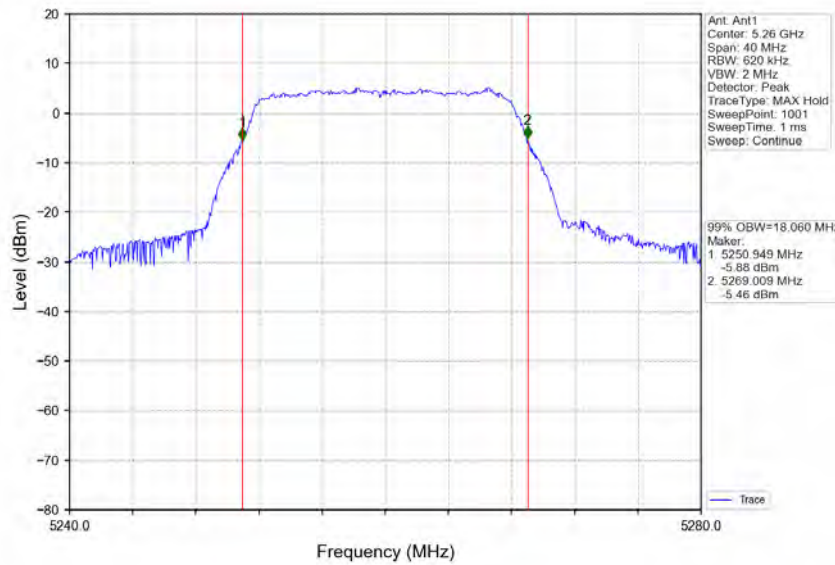
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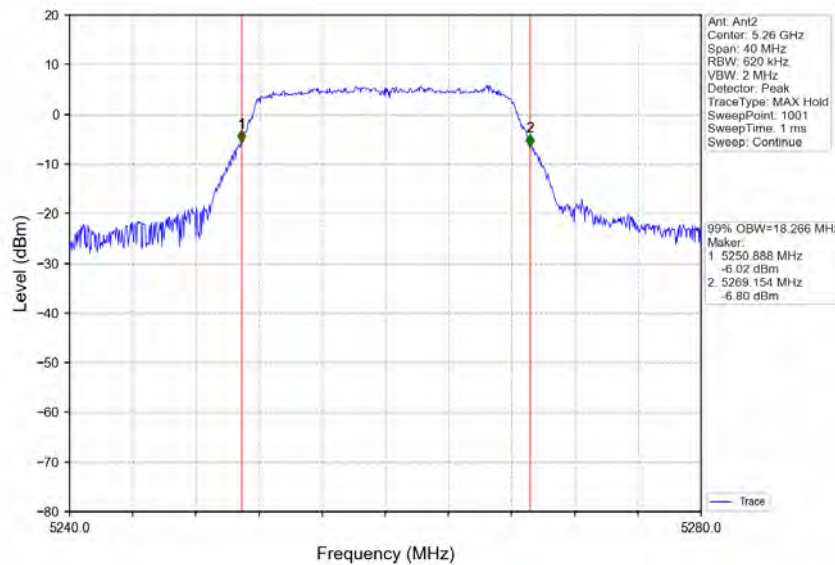
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802.11a_LCH_5260MHz_Ant1_NTNV

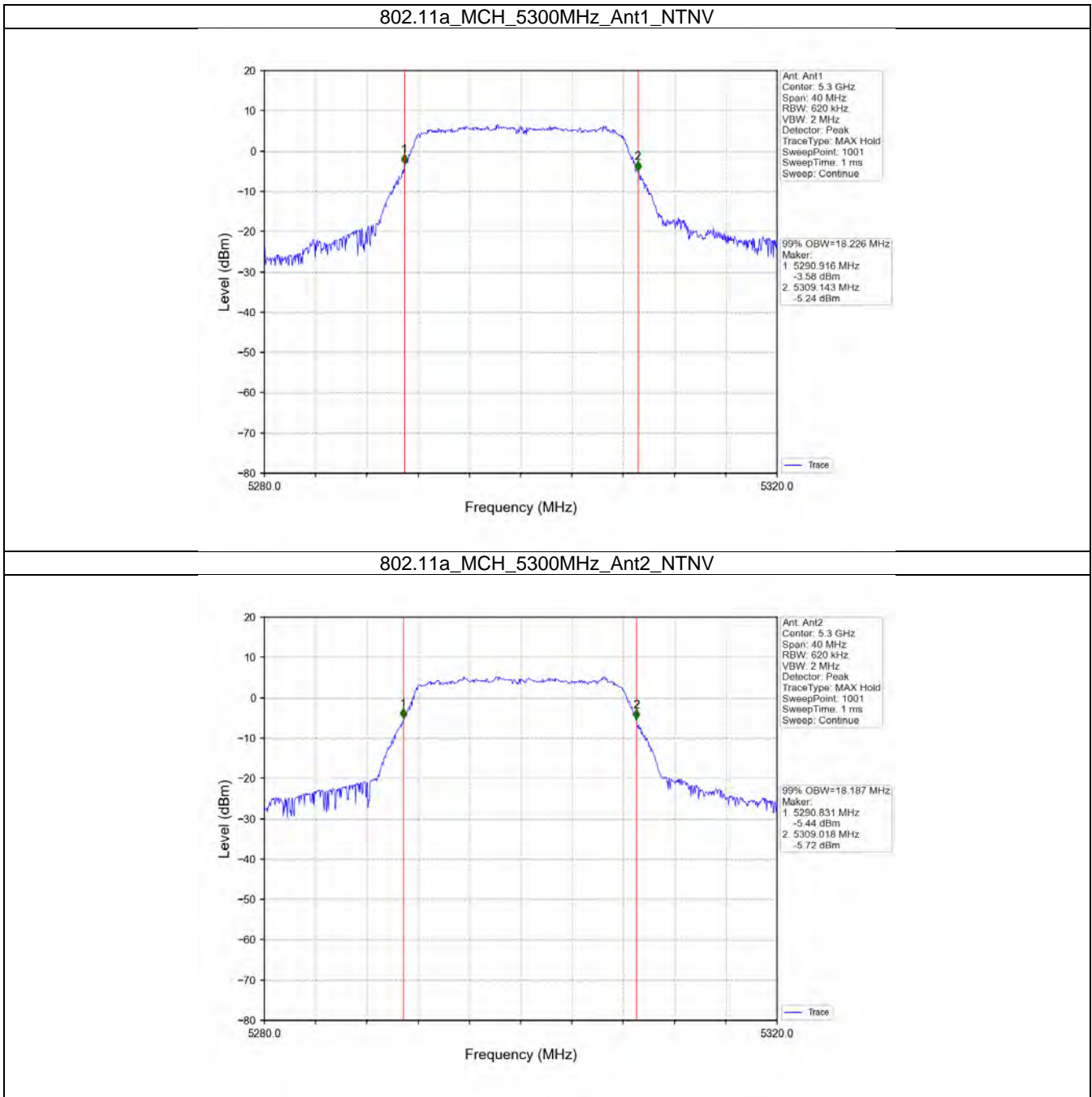


802.11a_LCH_5260MHz_Ant2_NTNV



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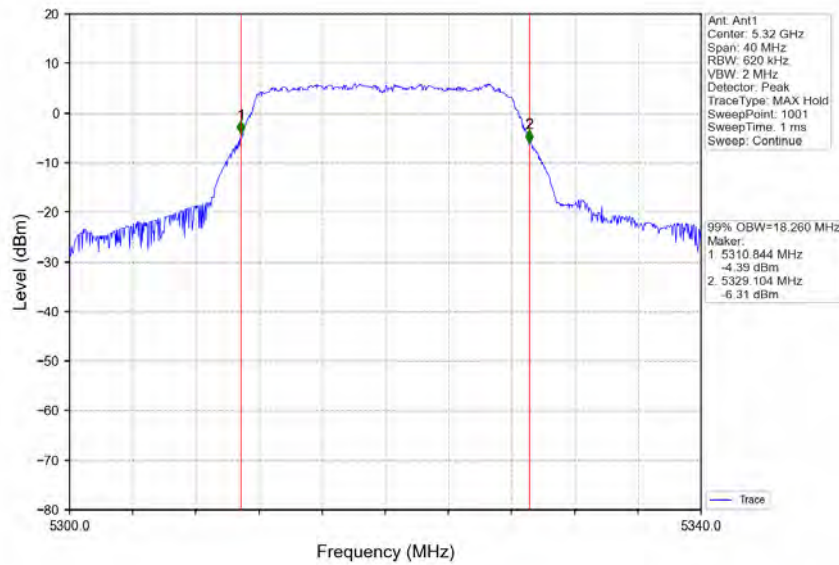
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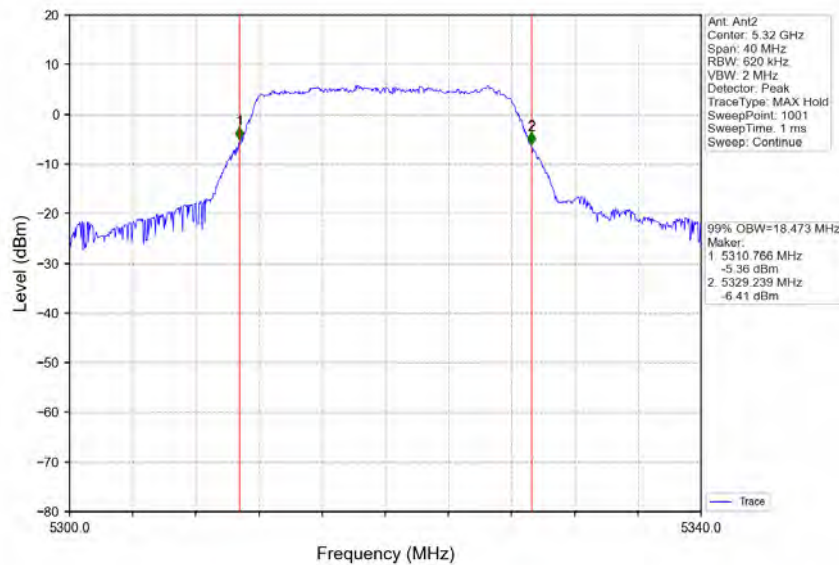
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802.11a_HCH_5320MHz_Ant1_NTNV



802.11a_HCH_5320MHz_Ant2_NTNV



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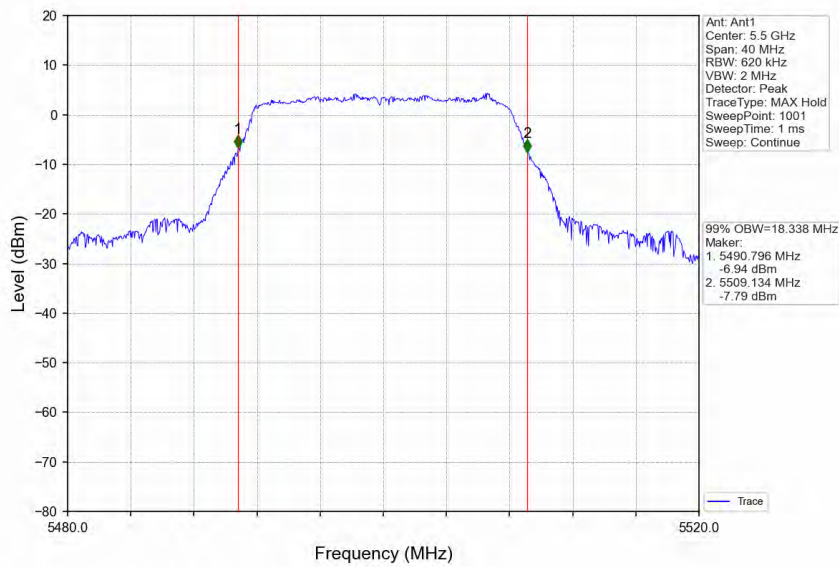
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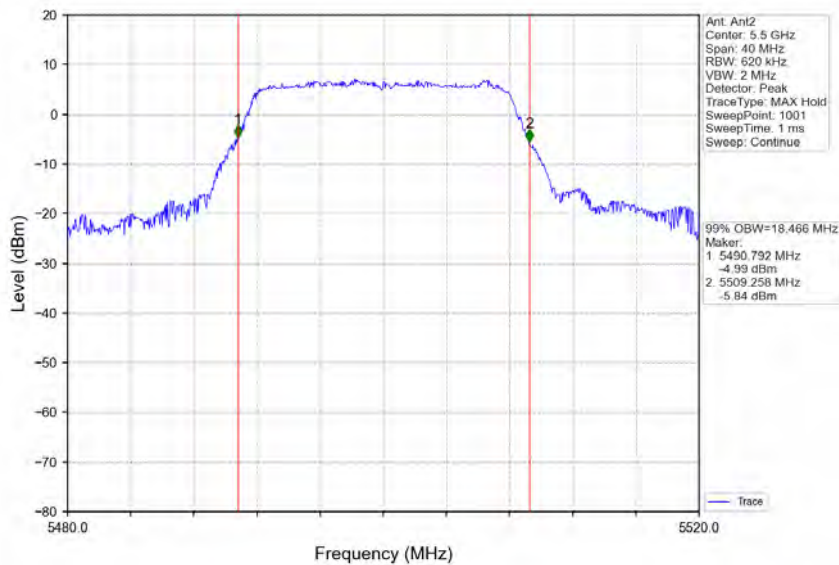
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802.11a_LCH_5500MHz_Ant1_NTNV



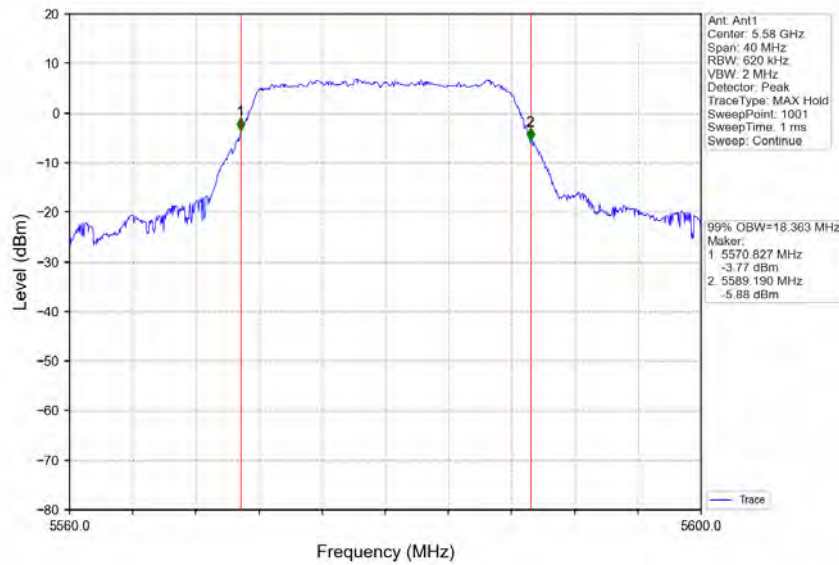
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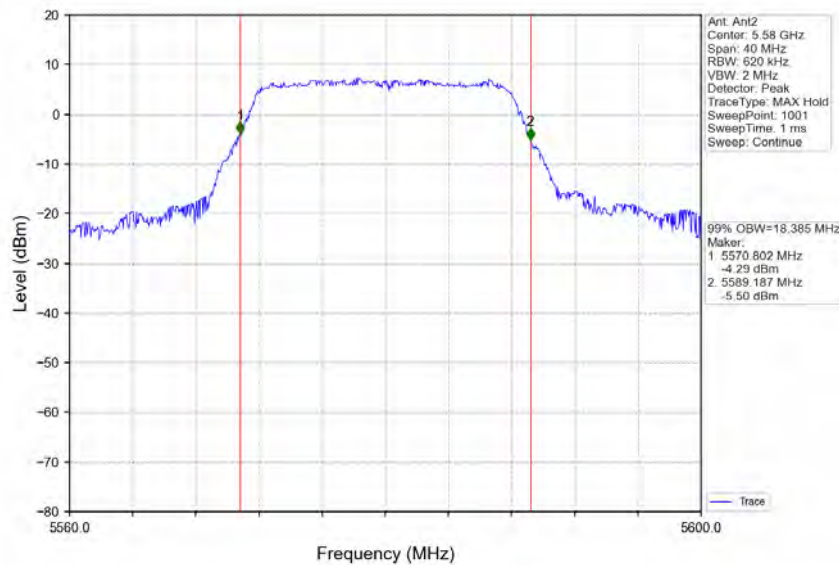
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802.11a_MCH_5580MHz_Ant1_NTNV



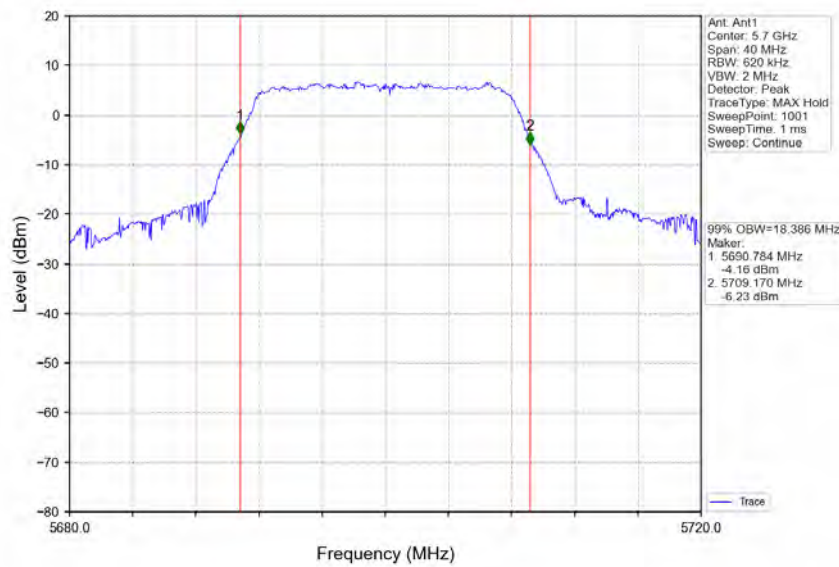
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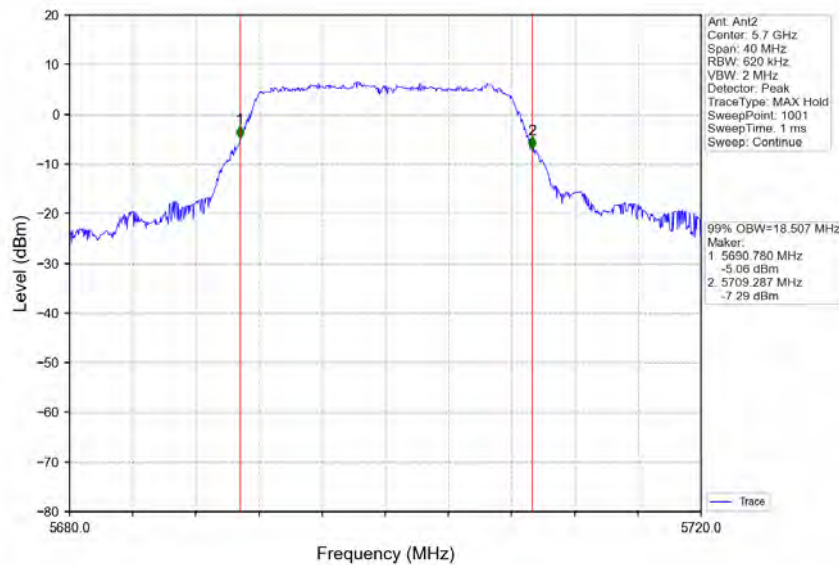
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802.11a_HCH_5700MHz_Ant1_NTNV



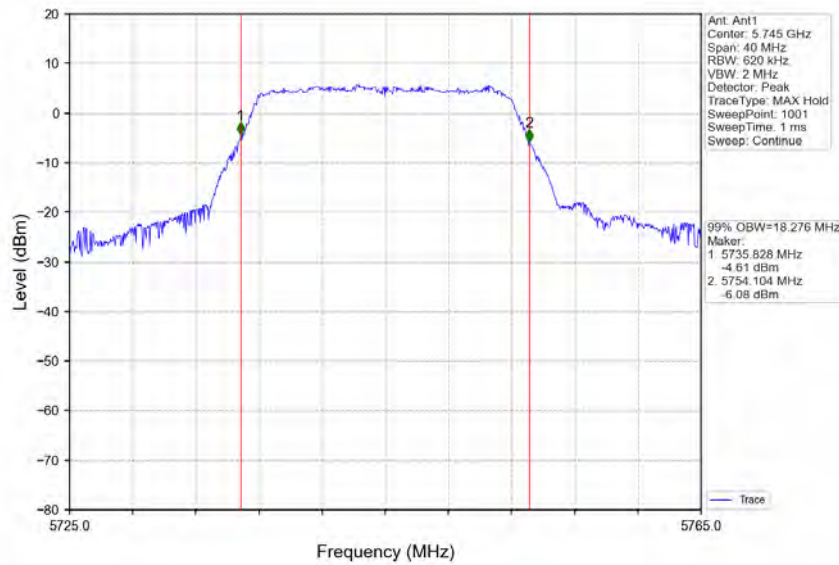
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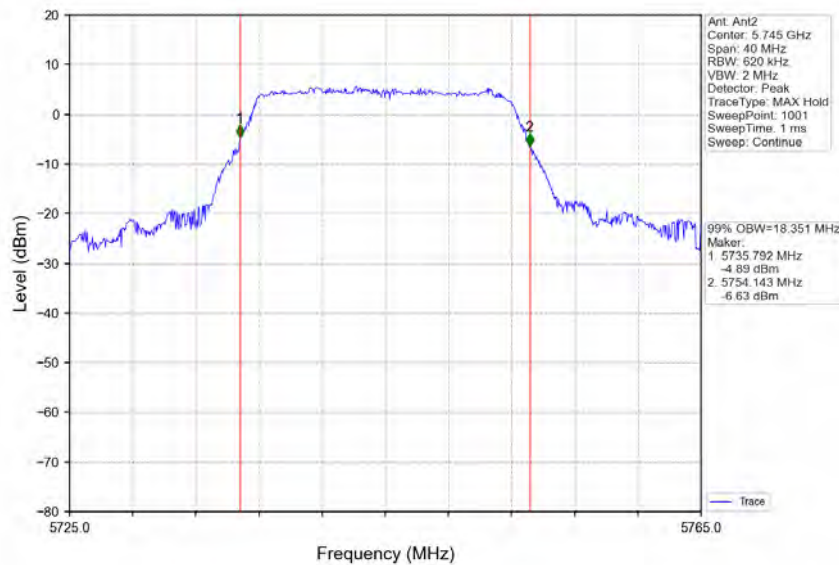
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802.11a_LCH_5745MHz_Ant1_NTNV



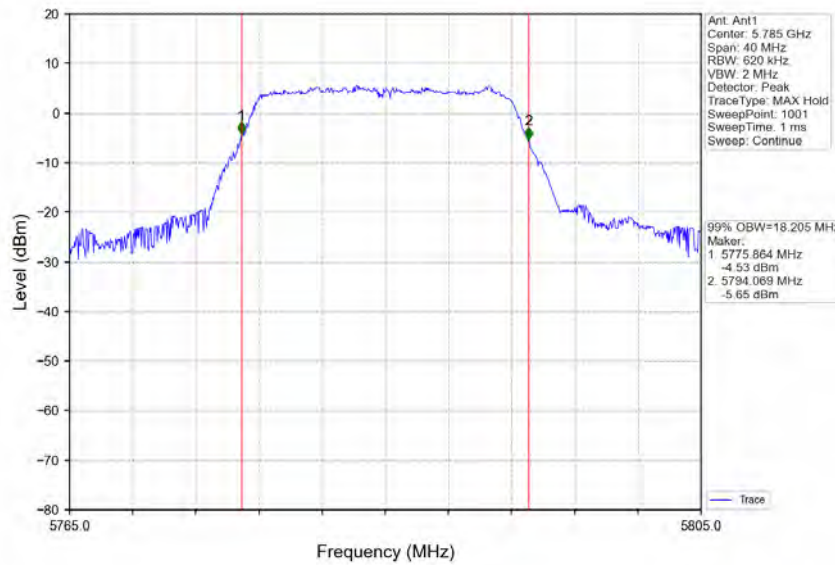
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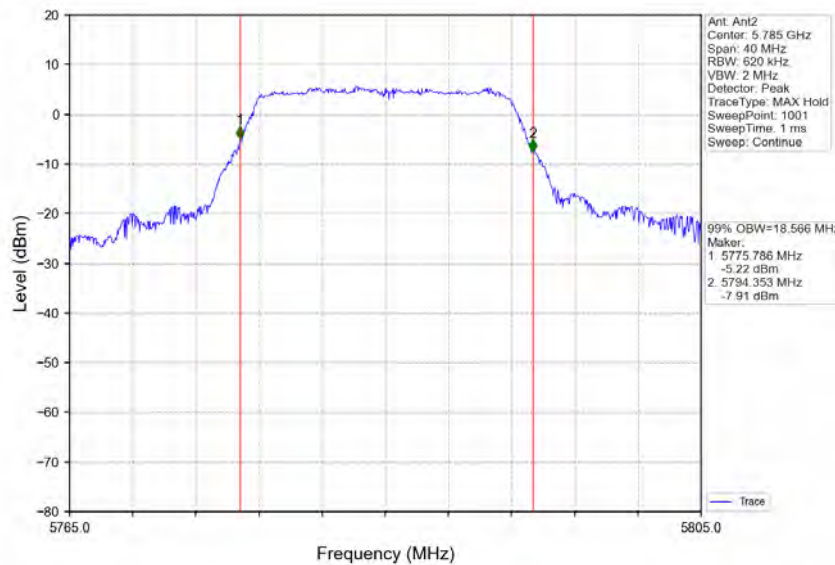
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802.11a_MCH_5785MHz_Ant1_NTNV



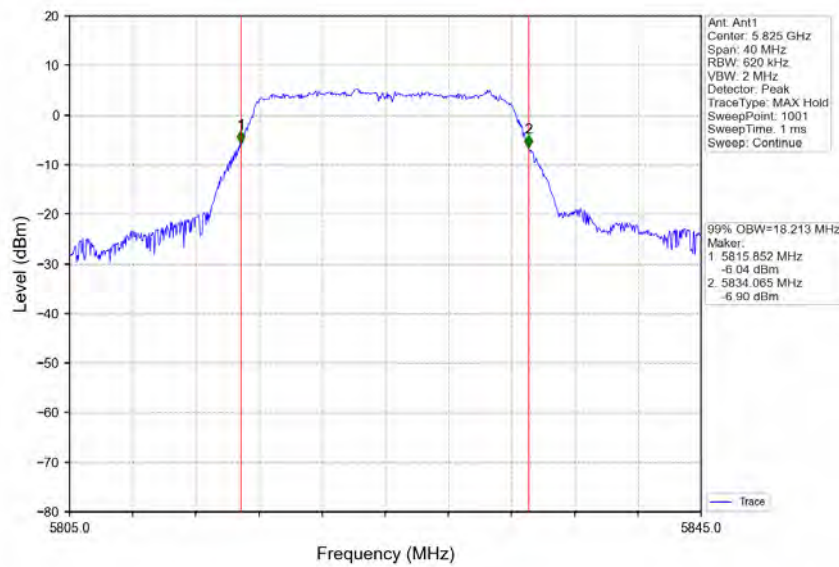
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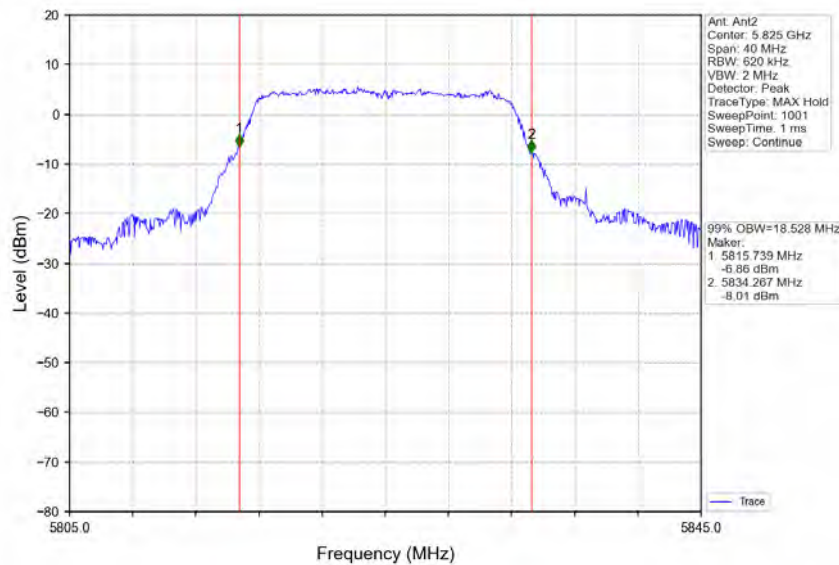
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802.11a_HCH_5825MHz_Ant1_NTNV



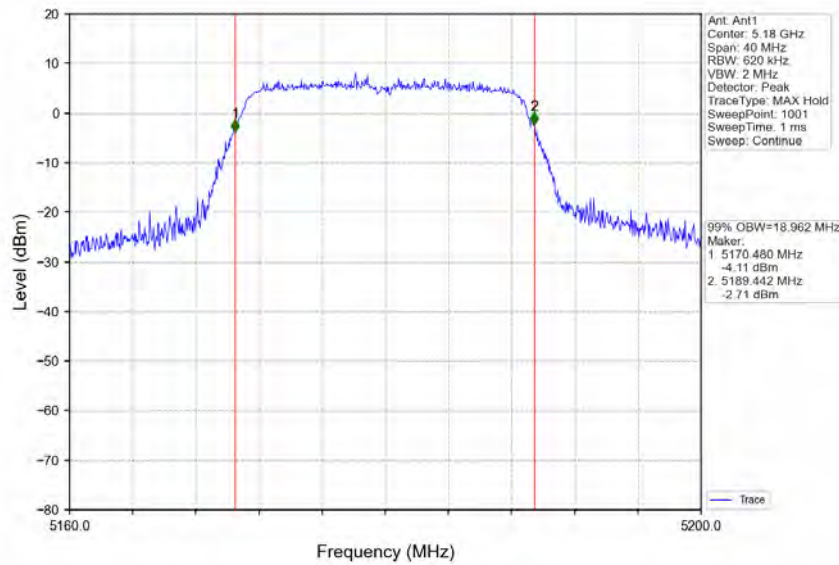
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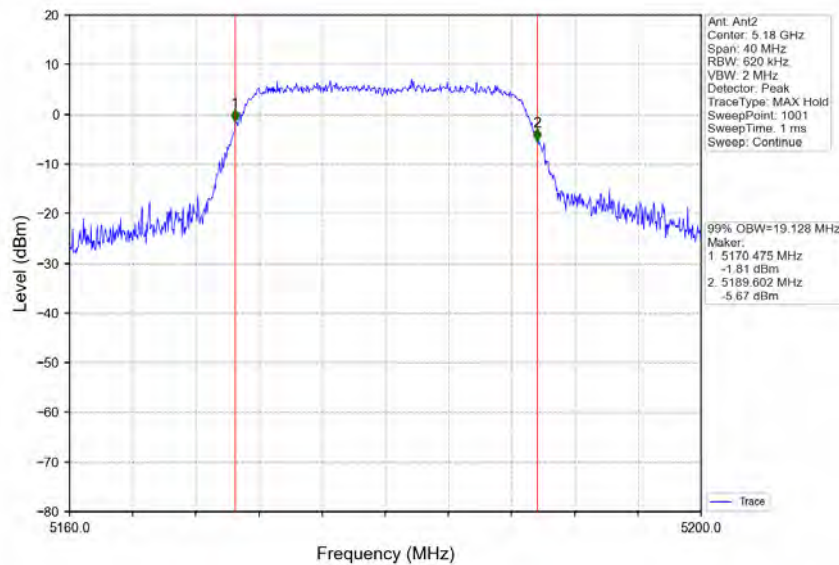
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802.11n(HT20)_LCH_5180MHz_Ant1_NTNV



802.11n(HT20)_LCH_5180MHz_Ant2_NTNV



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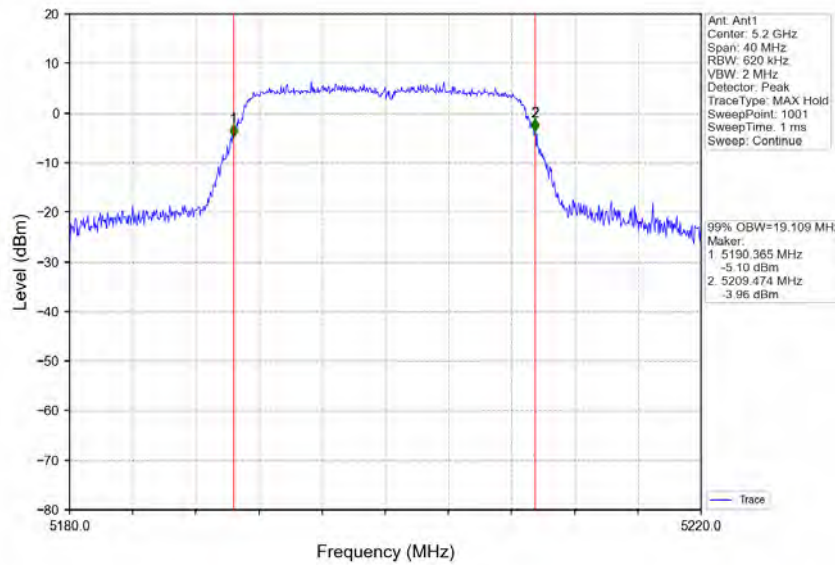
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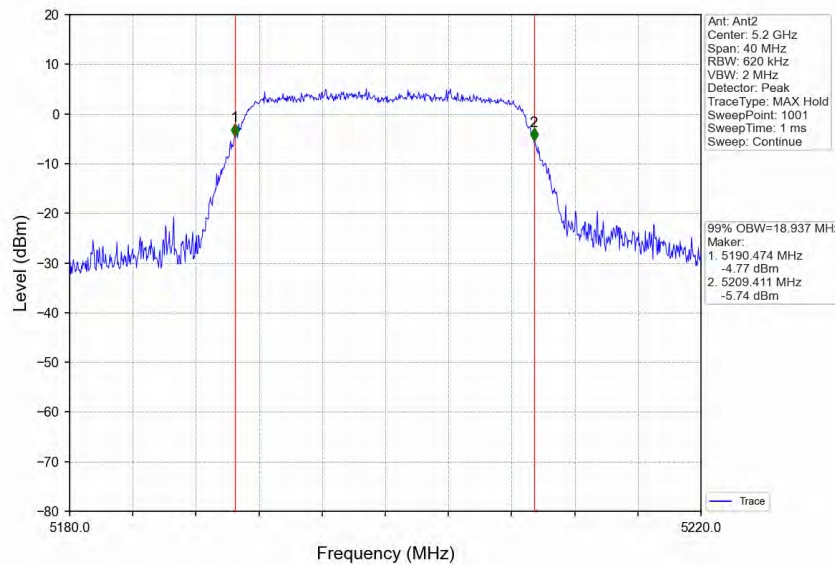
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802.11n(HT20)_MCH_5200MHz_Ant1_NTNV



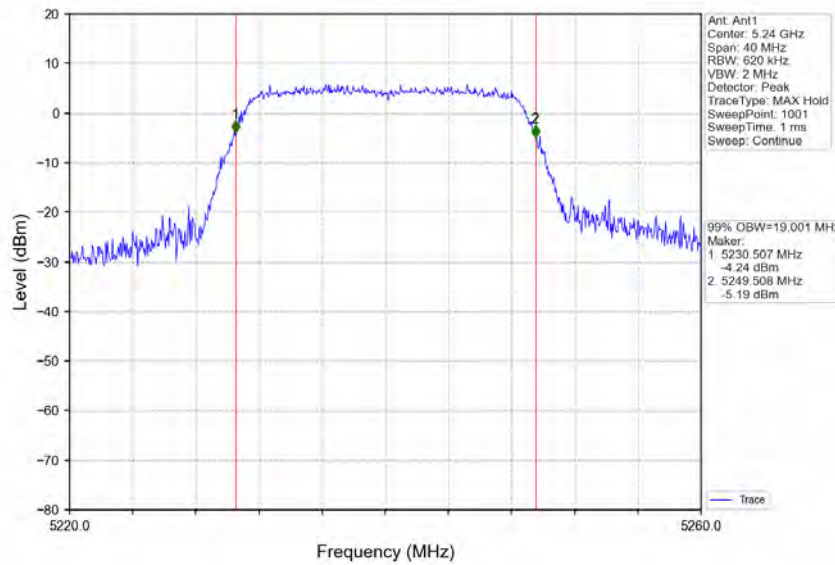
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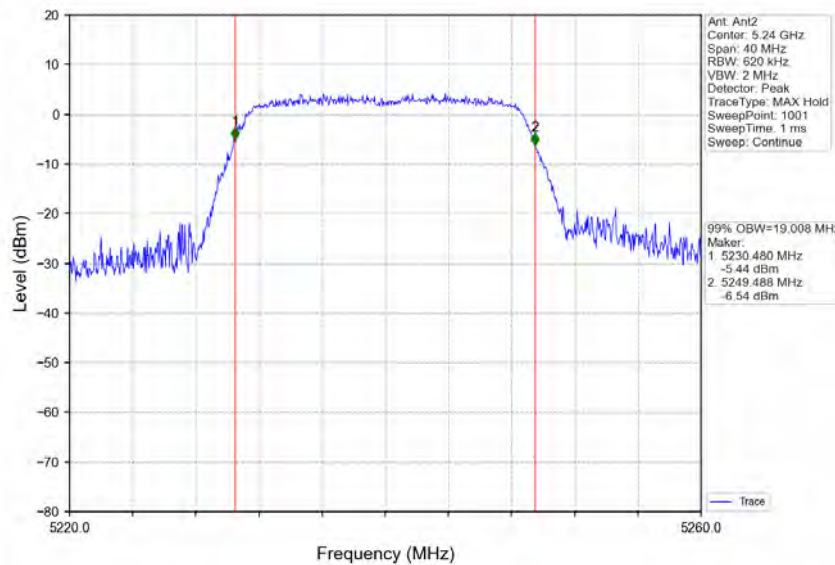
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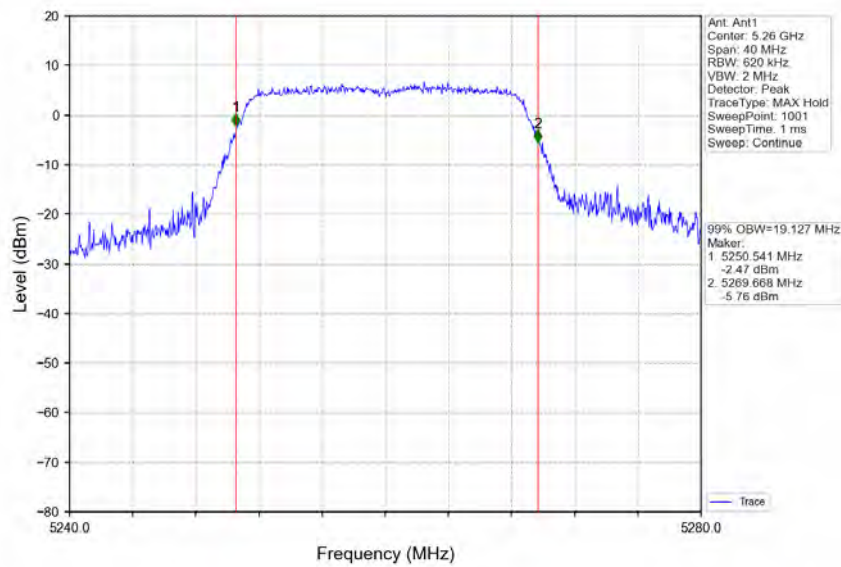
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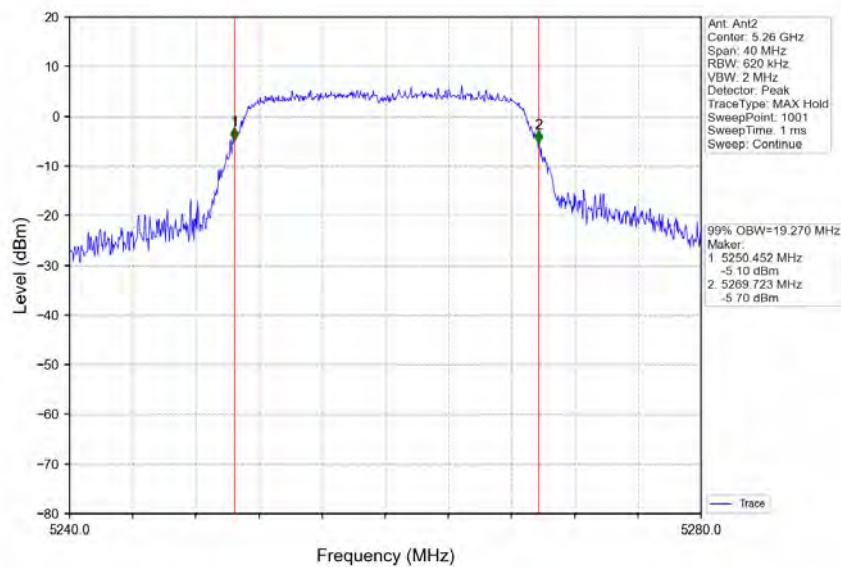
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802.11n(HT20)_LCH_5260MHz_Ant1_NTNV



802.11n(HT20)_LCH_5260MHz_Ant2_NTNV



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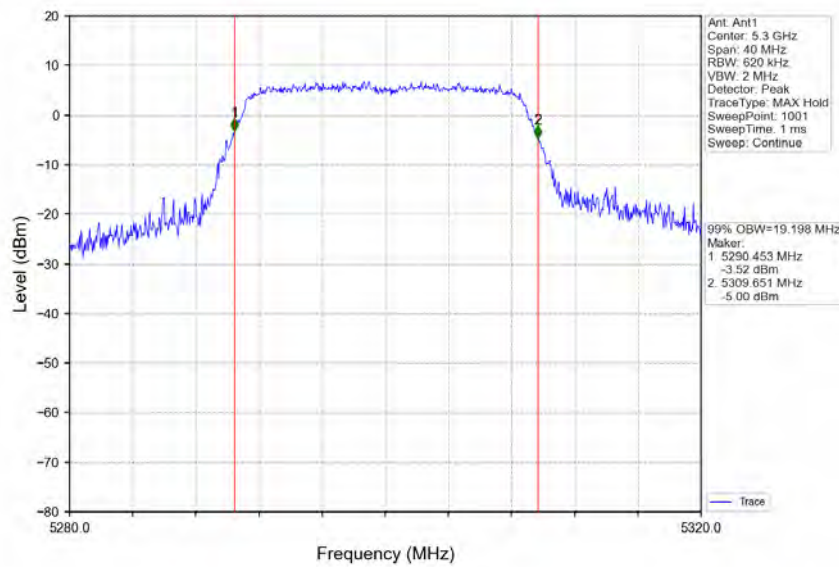
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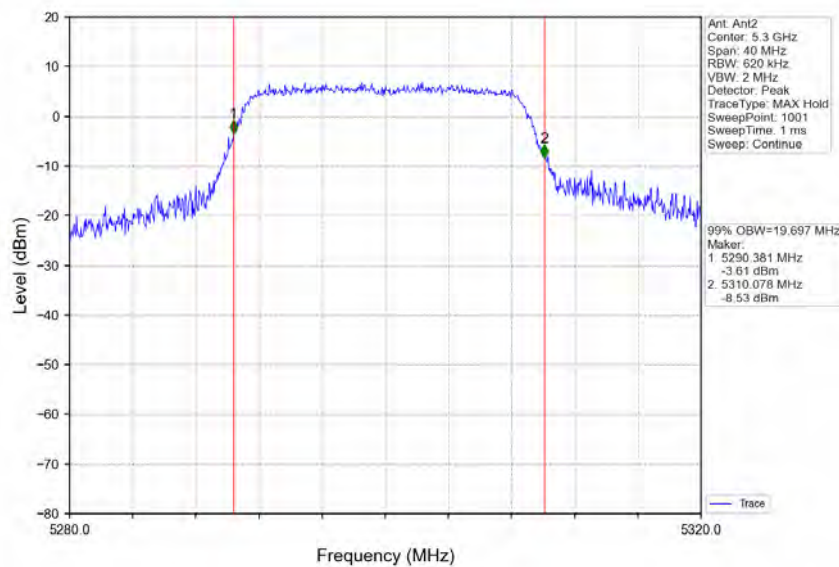
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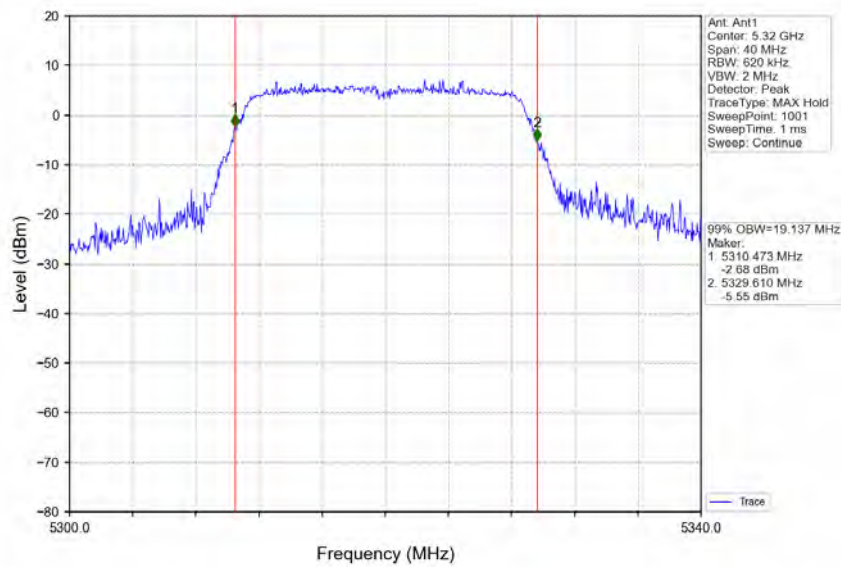
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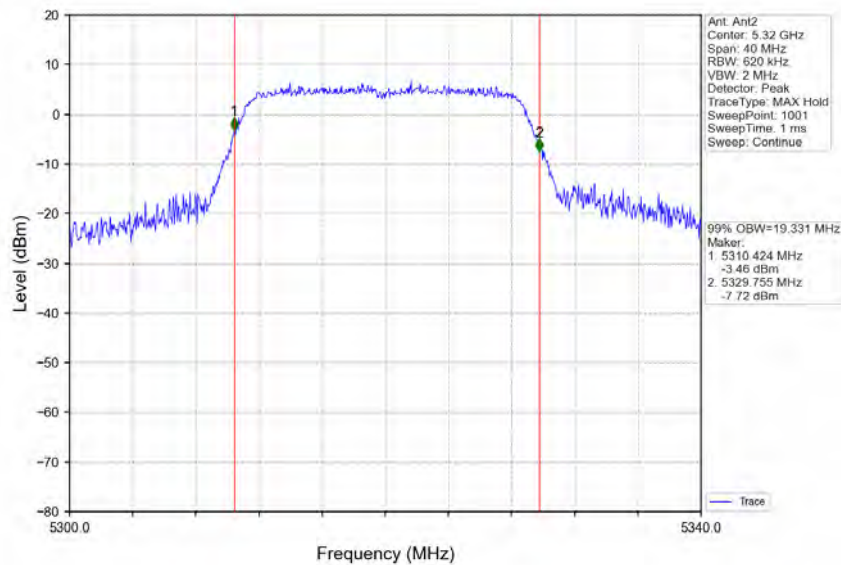
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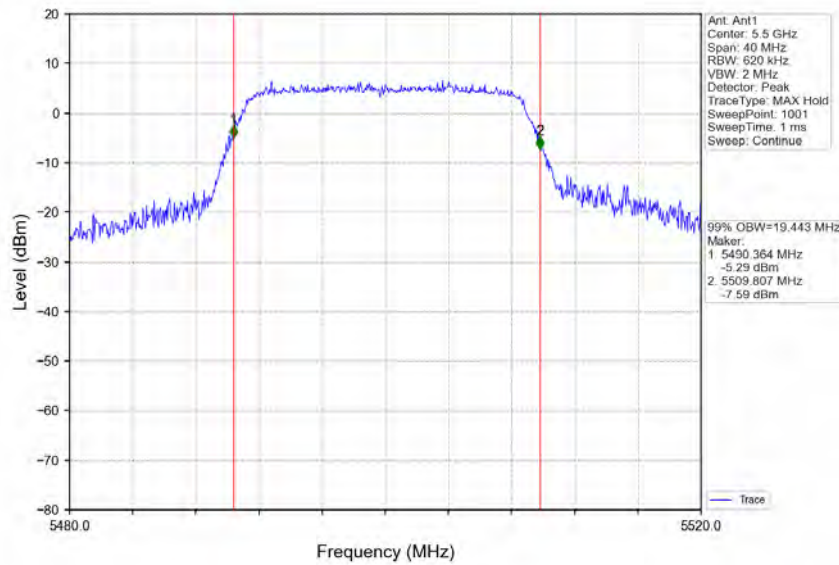
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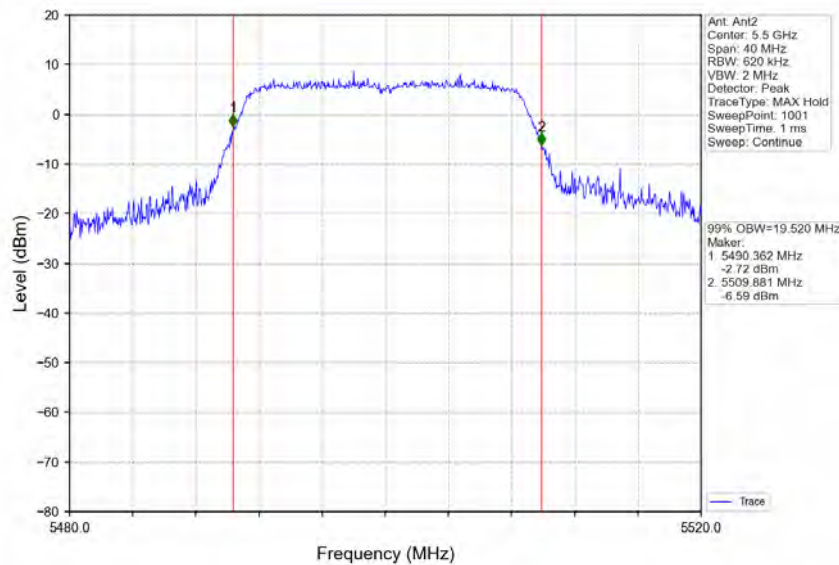
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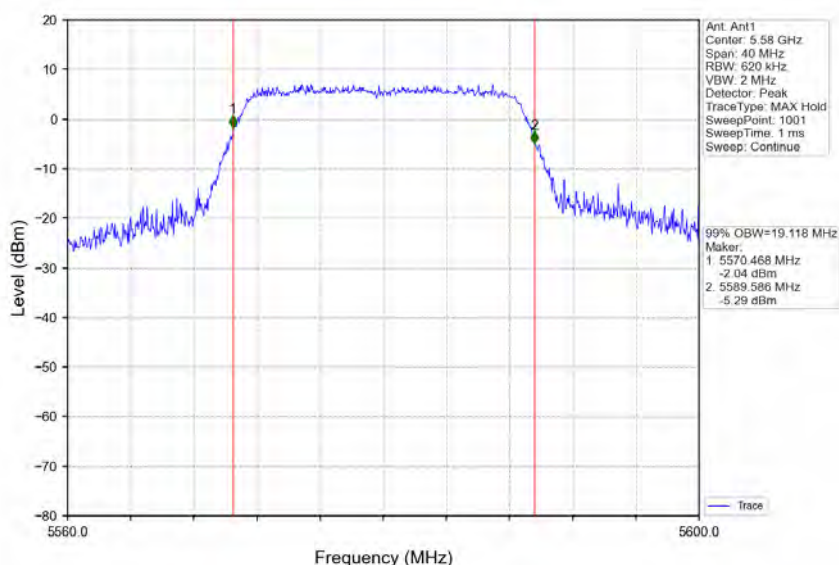
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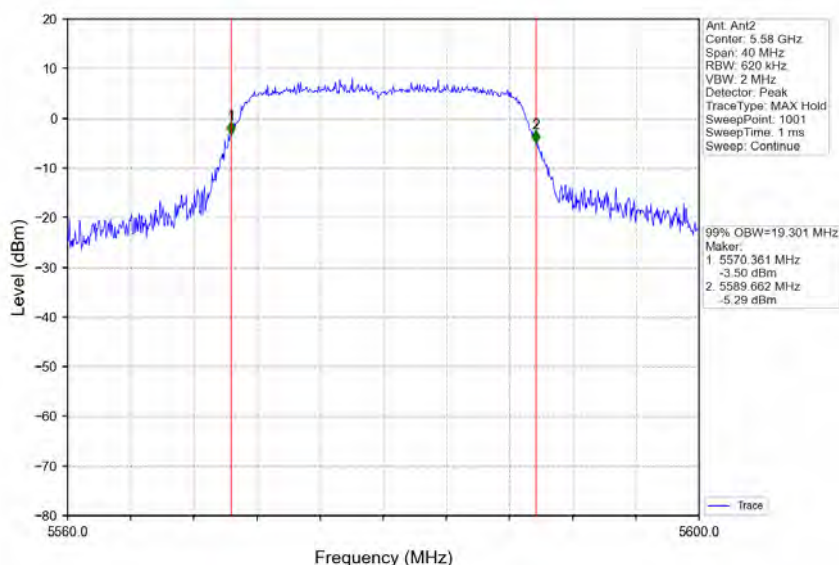
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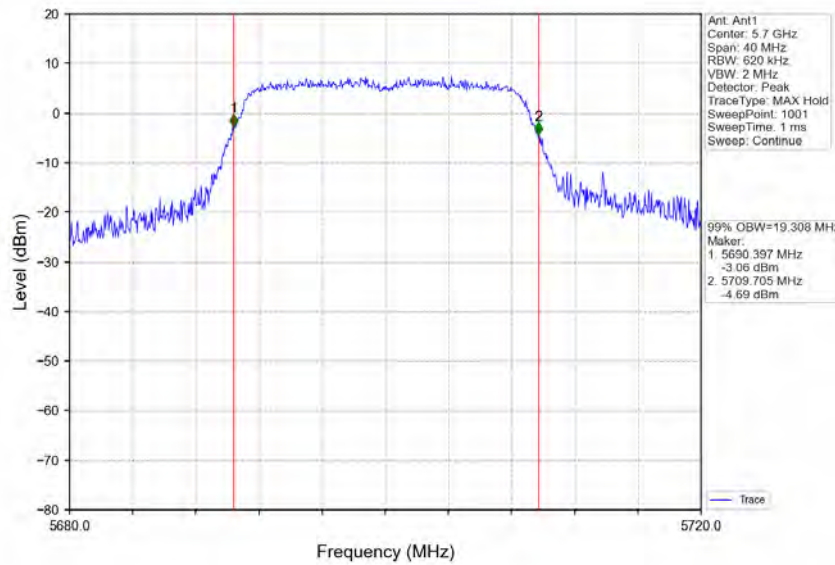
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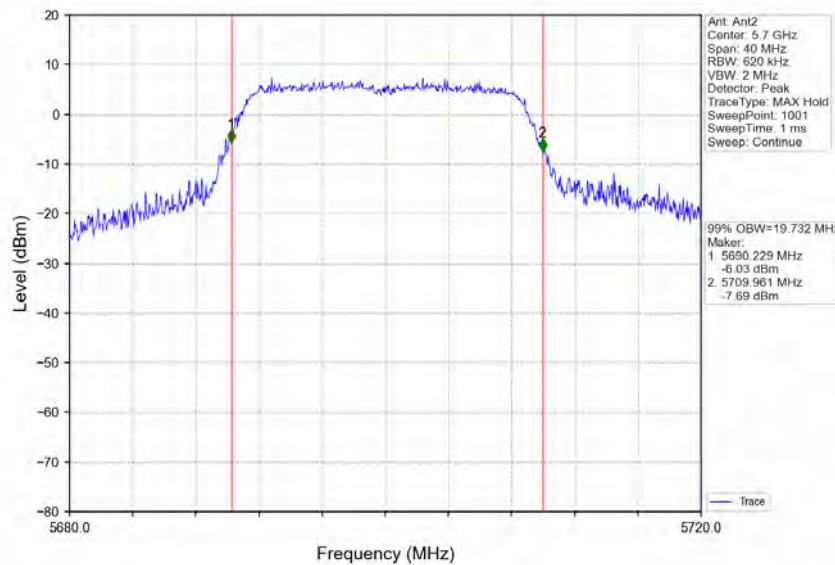
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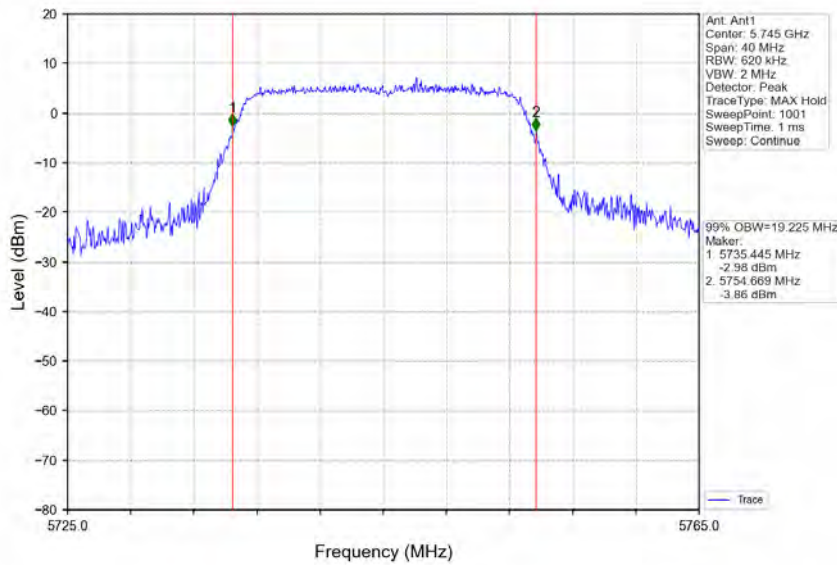
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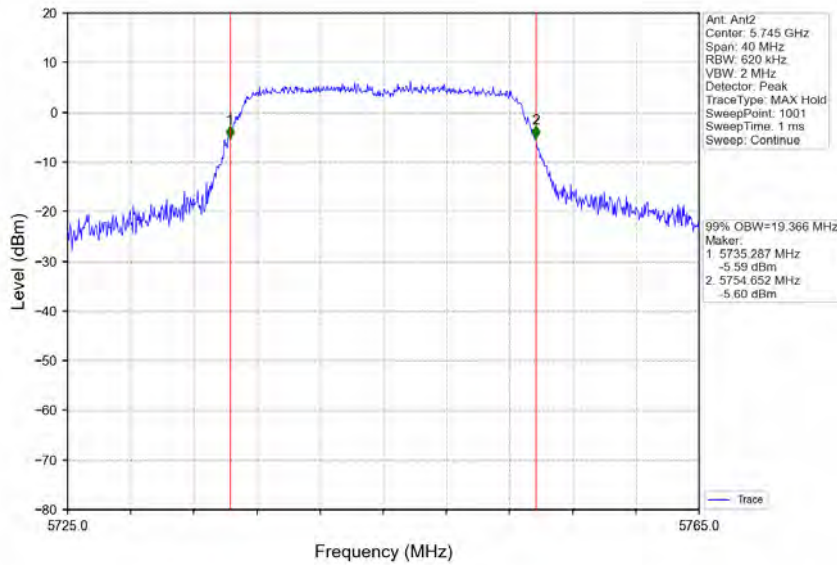
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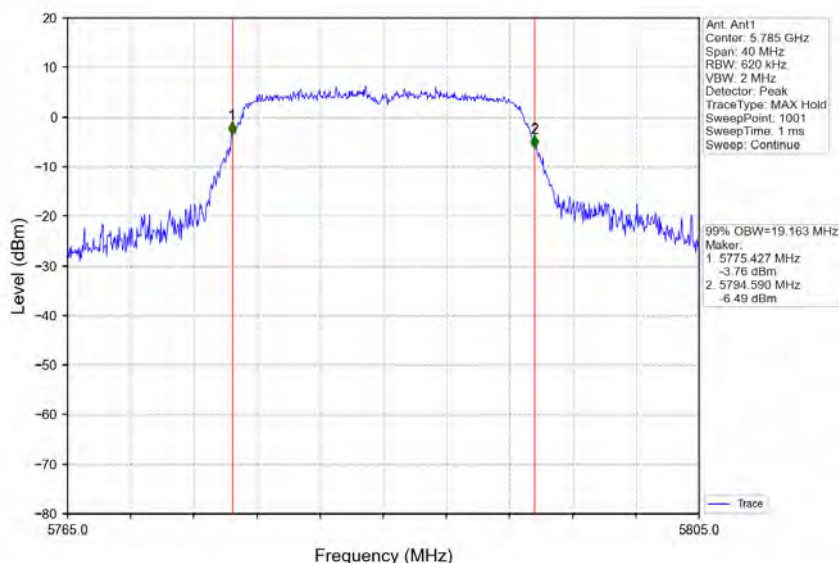
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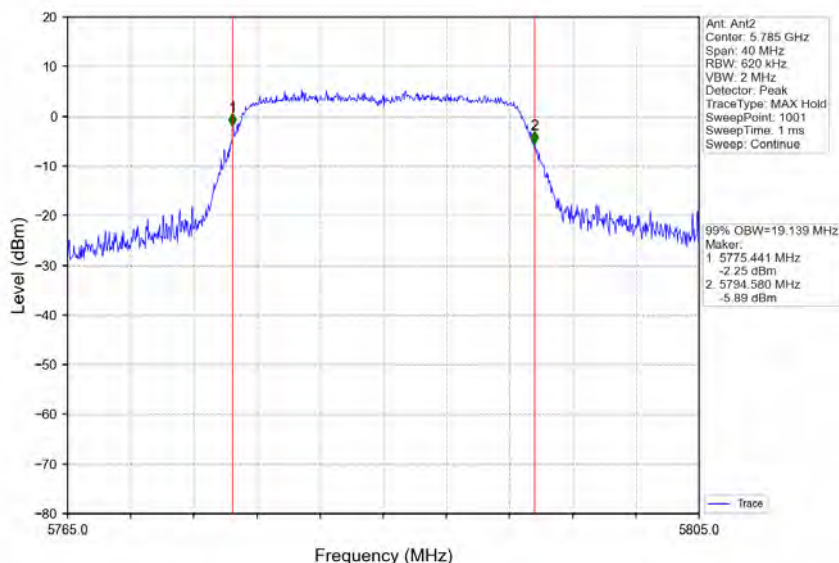
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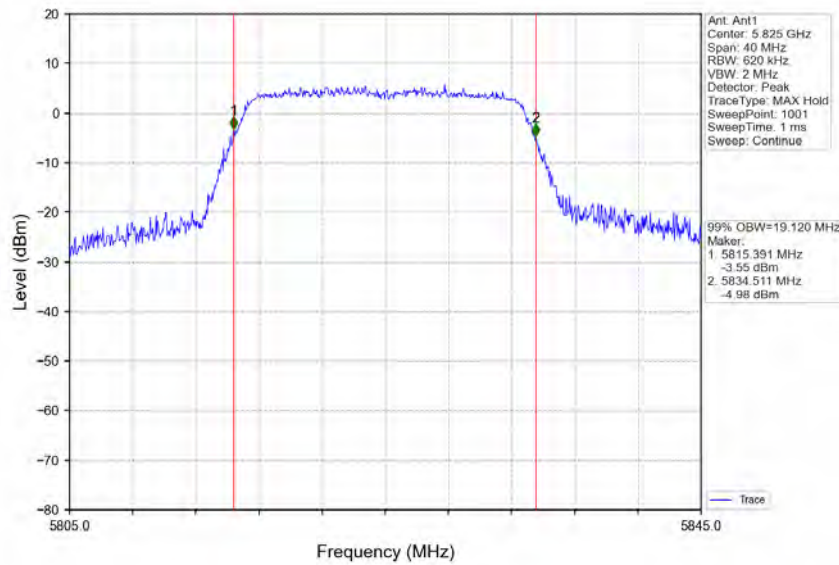
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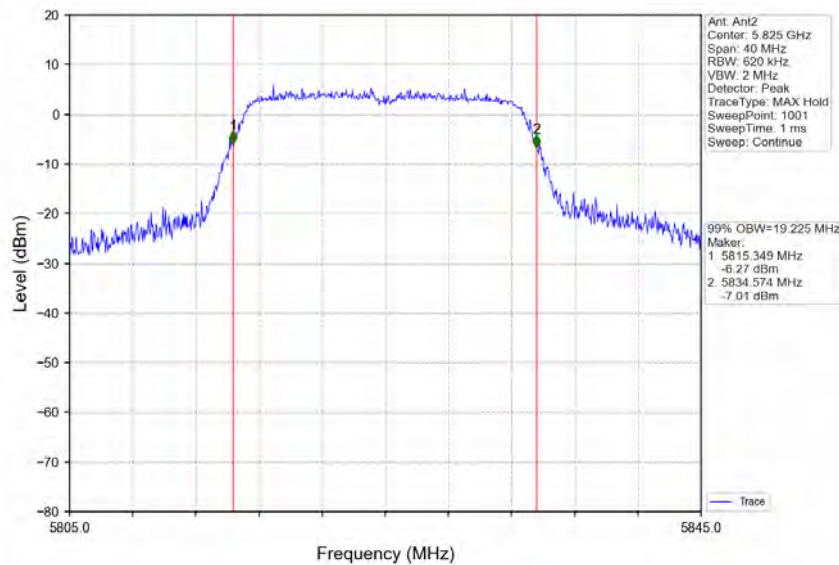
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2.2 6dB BW

2.2.1 Test Result

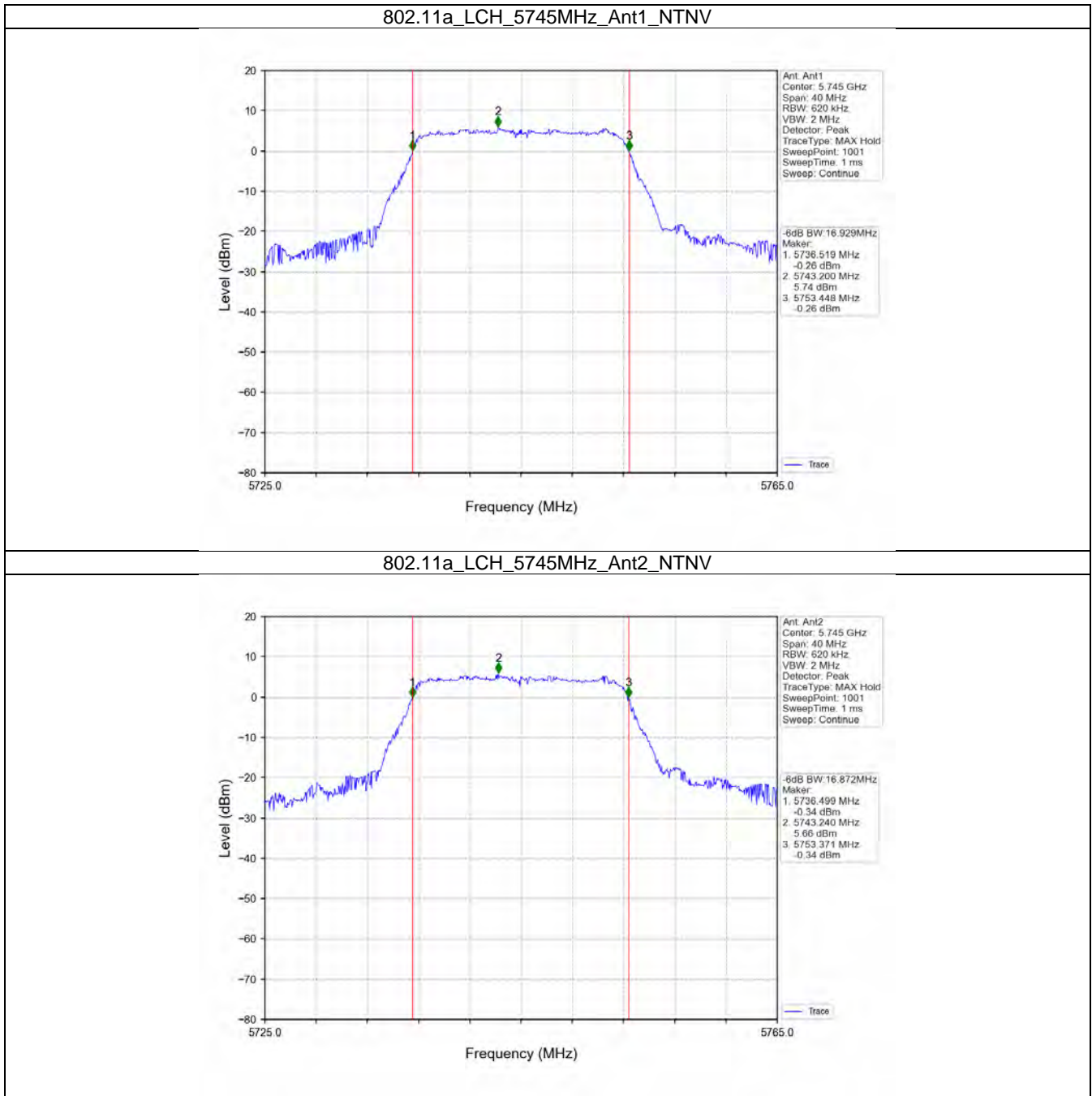
Mode	TX Type	Frequency (MHz)	Ant	6dB Bandwidth (MHz)		Verdict
				Result	Limit	
802.11a	SISO	5745	1	16.929	>=0.5	Pass
			2	16.872	>=0.5	Pass
		5785	1	16.893	>=0.5	Pass
			2	16.979	>=0.5	Pass
		5825	1	16.993	>=0.5	Pass
			2	16.878	>=0.5	Pass
802.11n (HT20)	SISO	5745	1	17.983	>=0.5	Pass
			2	18.000	>=0.5	Pass
		5785	1	17.766	>=0.5	Pass
			2	17.890	>=0.5	Pass
		5825	1	18.088	>=0.5	Pass
			2	17.718	>=0.5	Pass



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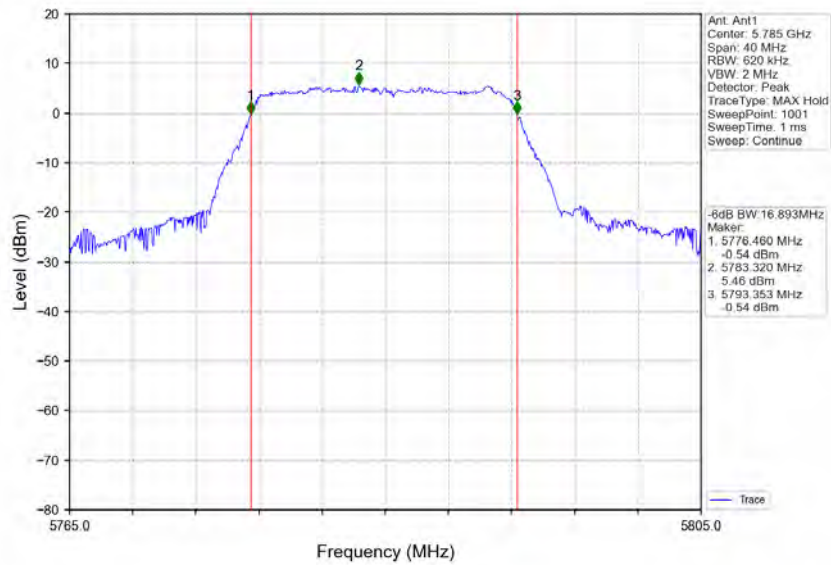
2.2.2 Test Graph



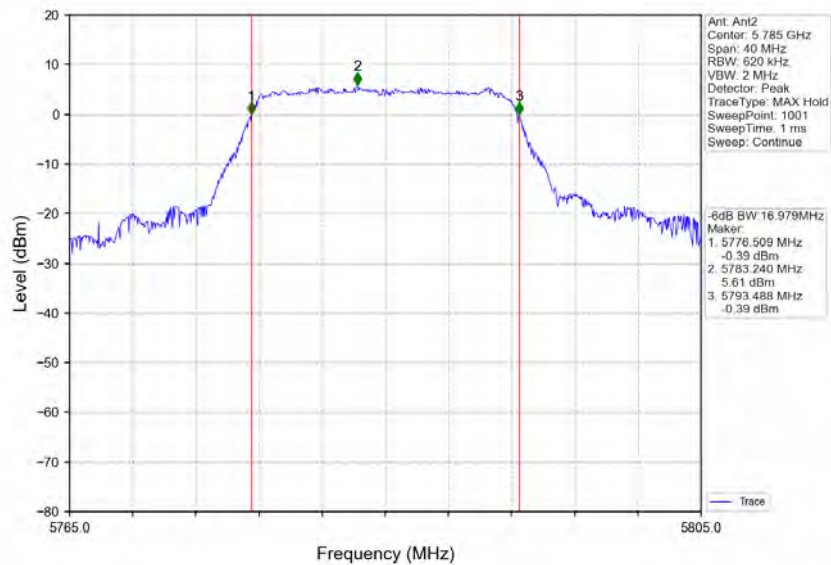
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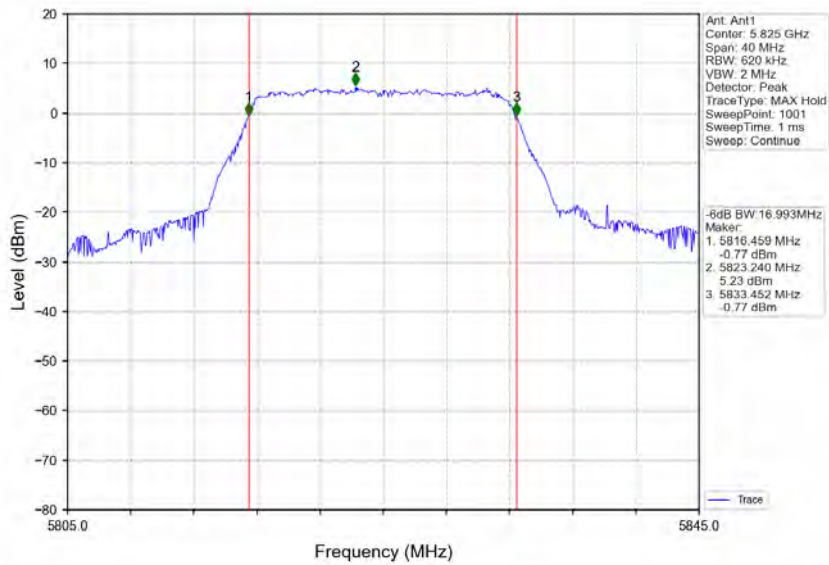
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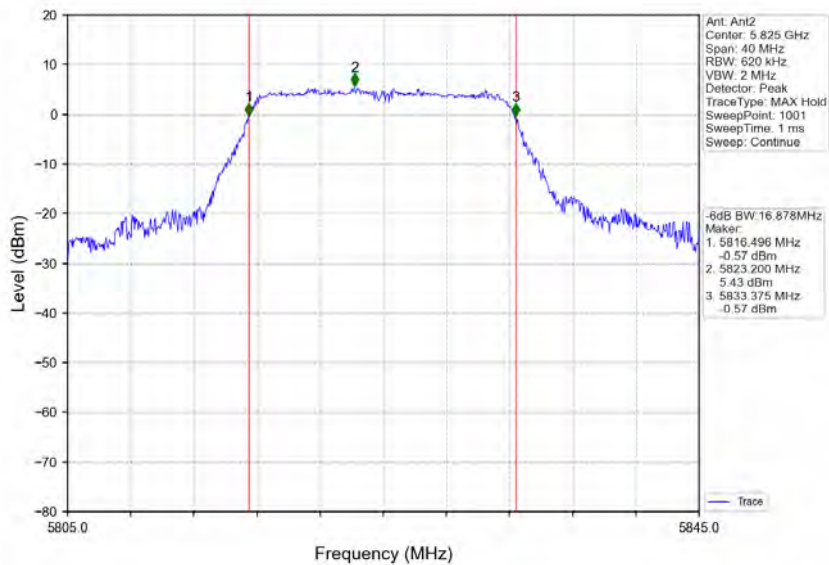
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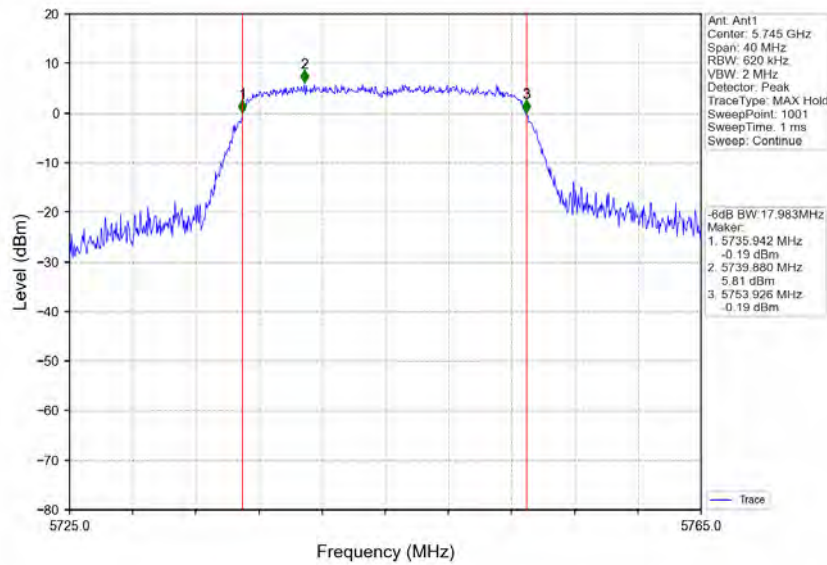
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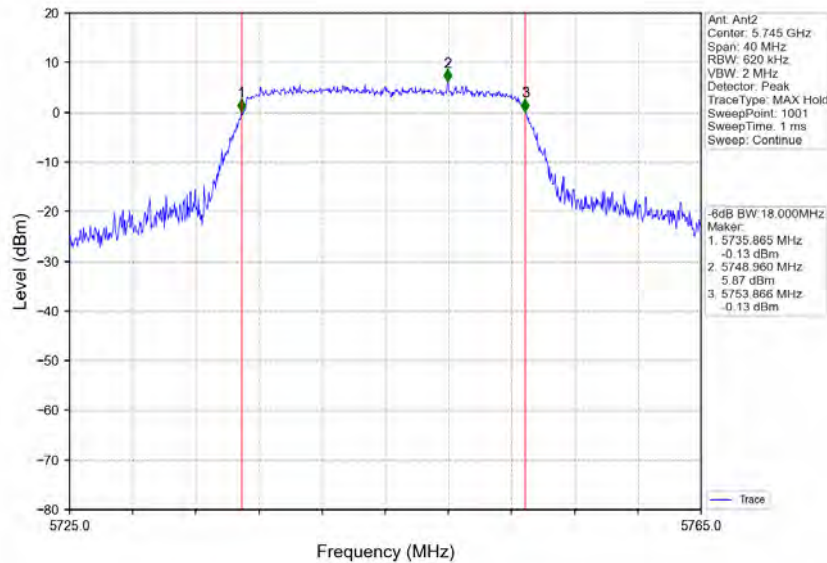
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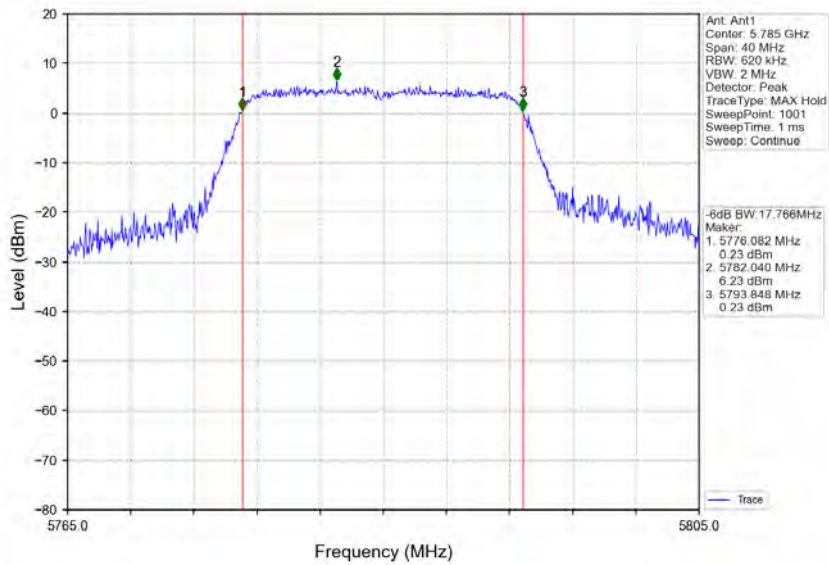
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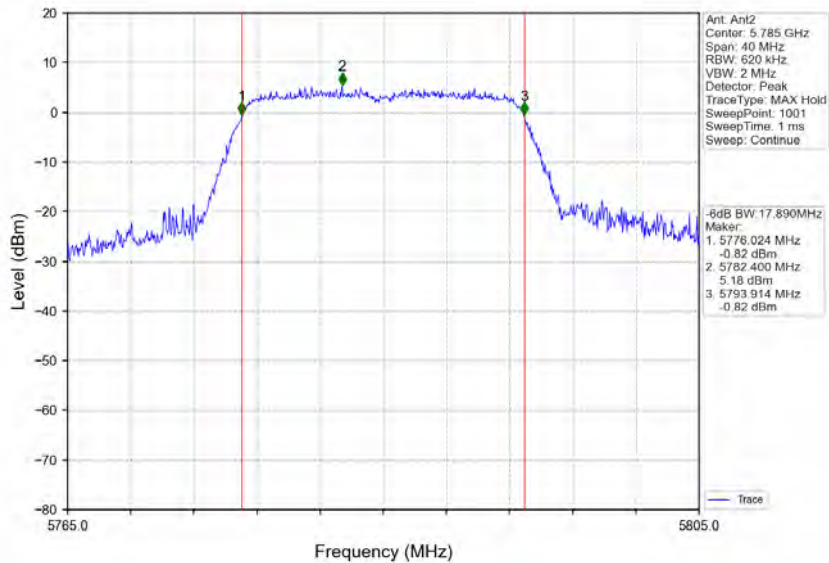
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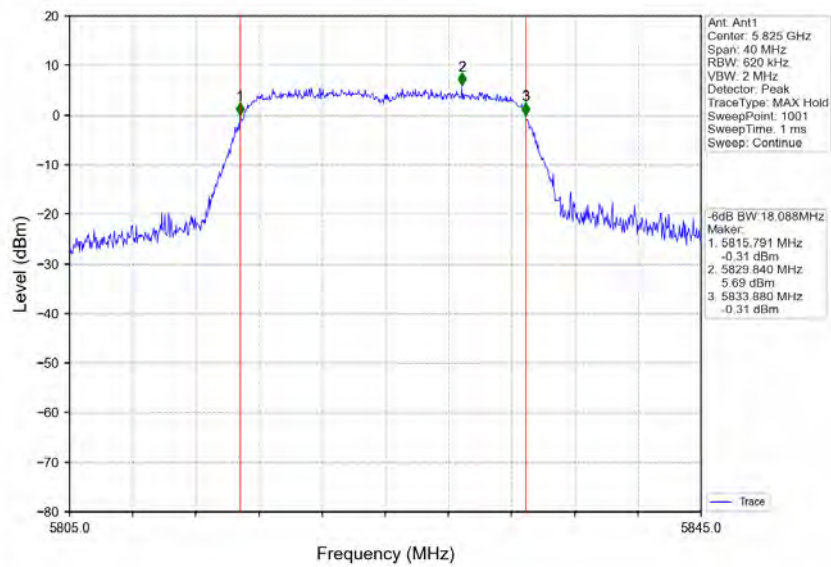
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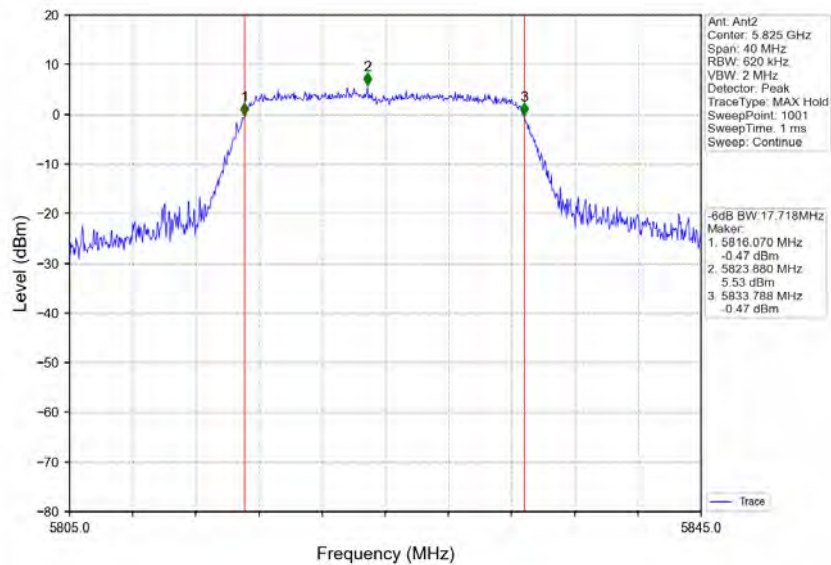
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802.11n(HT20)_HCH_5825MHz_Ant1_NTNV



802.11n(HT20)_HCH_5825MHz_Ant2_NTNV



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2.3 26dB BW

2.3.1 Test Result

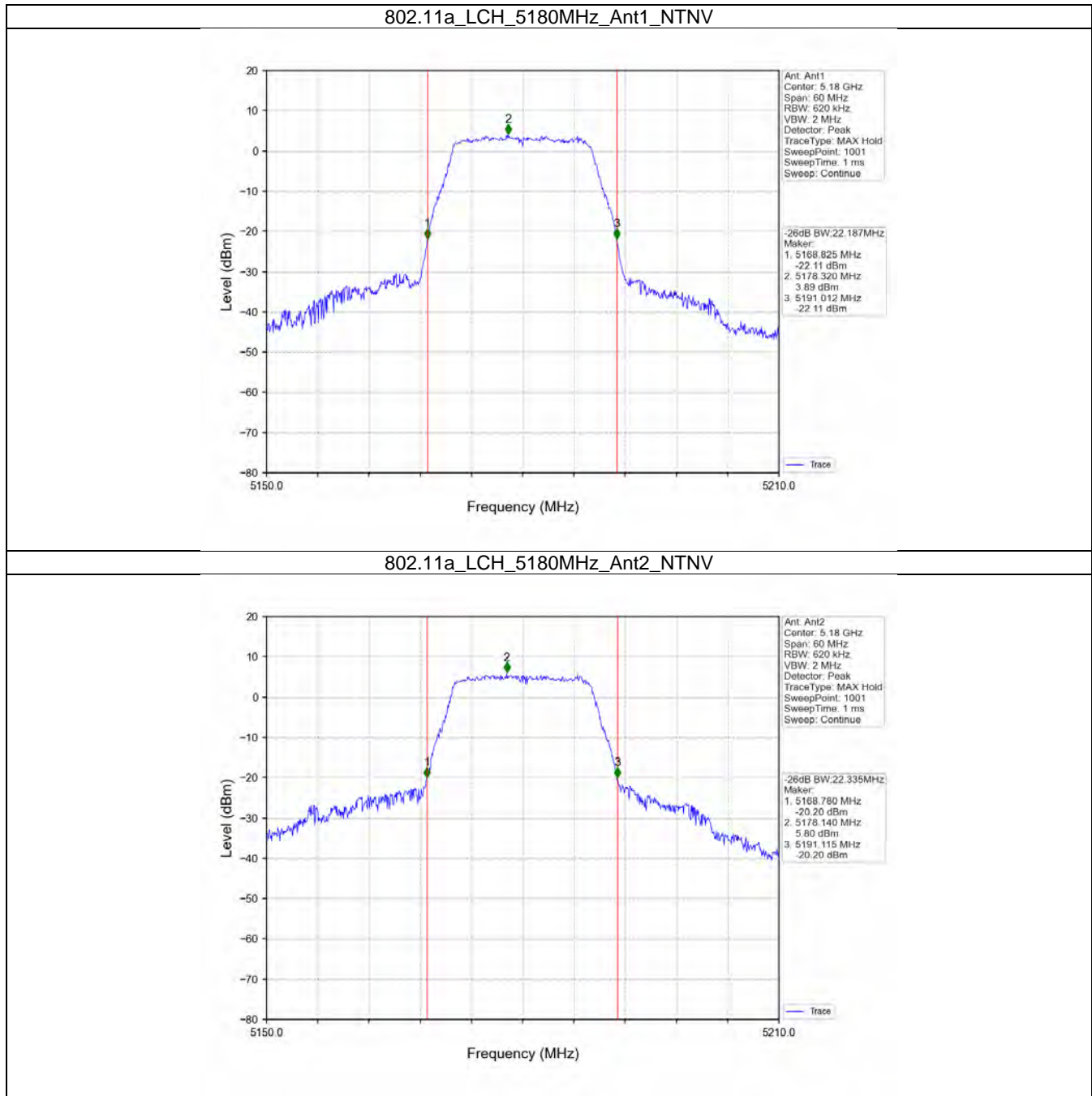
Mode	TX Type	Frequency (MHz)	Ant	26dB Bandwidth (MHz)	Verdict
				Result	
802.11a	SISO	5180	1	22.187	Pass
			2	22.335	Pass
		5200	1	22.204	Pass
			2	24.324	Pass
		5240	1	22.211	Pass
			2	23.986	Pass
		5260	1	29.699	Pass
			2	28.468	Pass
		5300	1	27.864	Pass
			2	24.716	Pass
		5320	1	26.039	Pass
			2	29.601	Pass
		5500	1	27.245	Pass
			2	32.742	Pass
		5580	1	29.183	Pass
			2	29.677	Pass
		5700	1	28.650	Pass
			2	34.933	Pass
802.11n (HT20)	SISO	5180	1	28.207	Pass
			2	35.403	Pass
		5200	1	33.346	Pass
			2	24.686	Pass
		5240	1	28.129	Pass
			2	30.367	Pass
		5260	1	33.078	Pass
			2	34.343	Pass
		5300	1	32.896	Pass
			2	40.092	Pass
		5320	1	32.913	Pass
			2	36.934	Pass
		5500	1	36.285	Pass
			2	33.587	Pass
		5580	1	31.726	Pass
			2	35.211	Pass
		5700	1	35.946	Pass
			2	39.021	Pass



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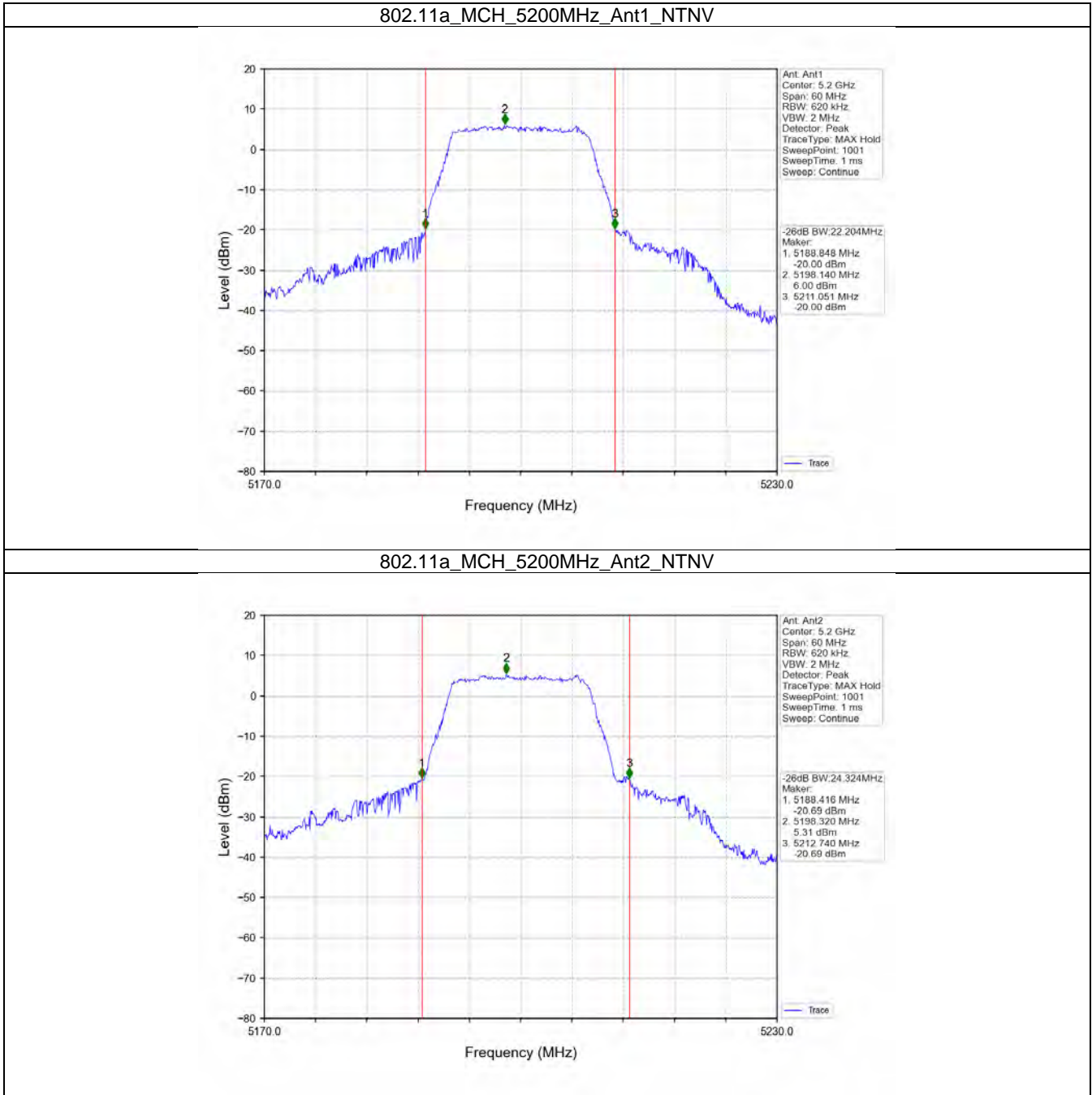
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2.3.2 Test Graph



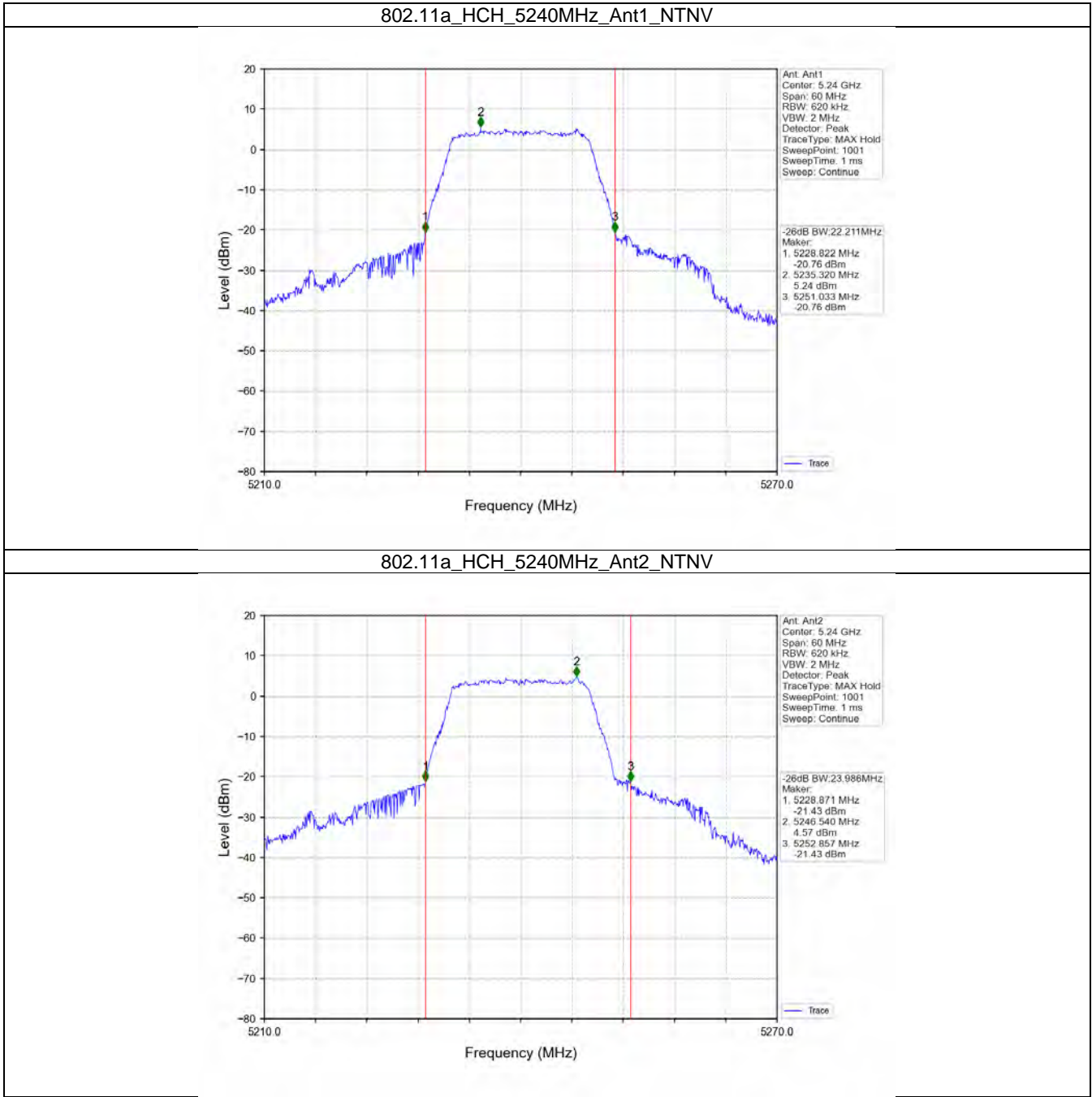
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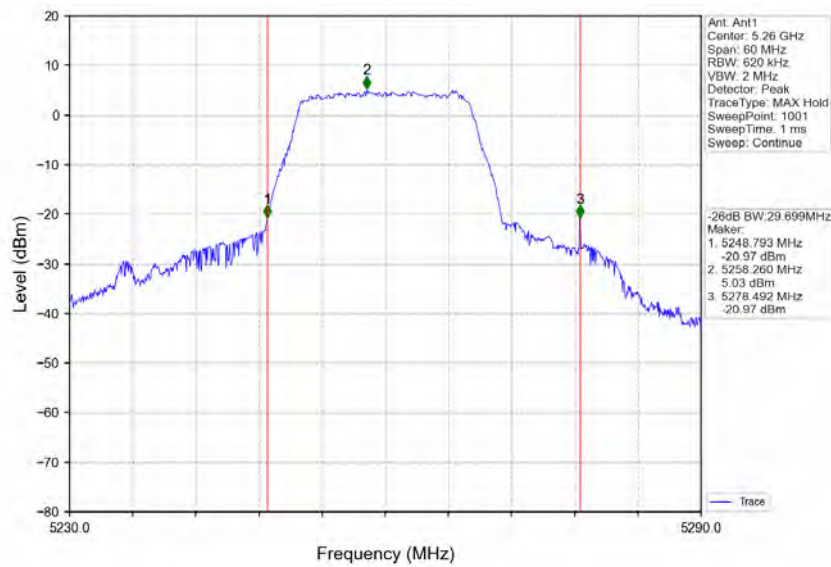
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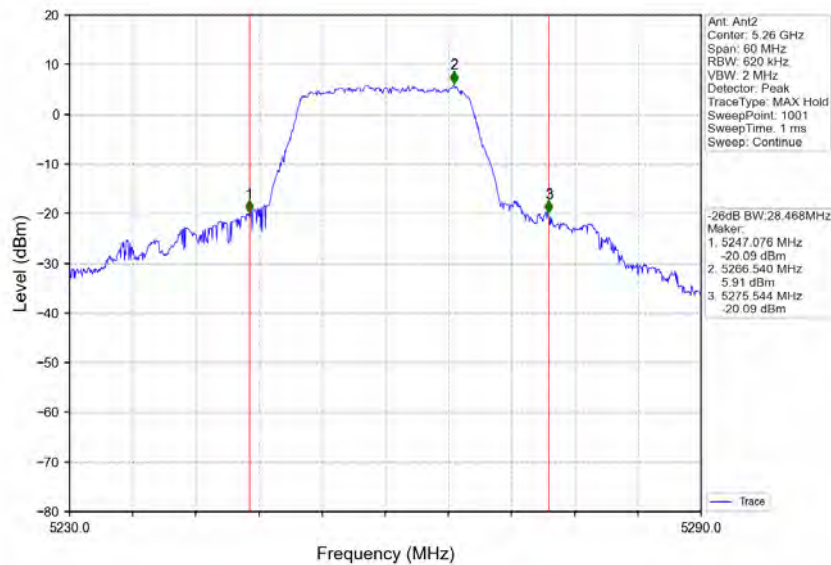
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802.11a_LCH_5260MHz_Ant1_NTNV

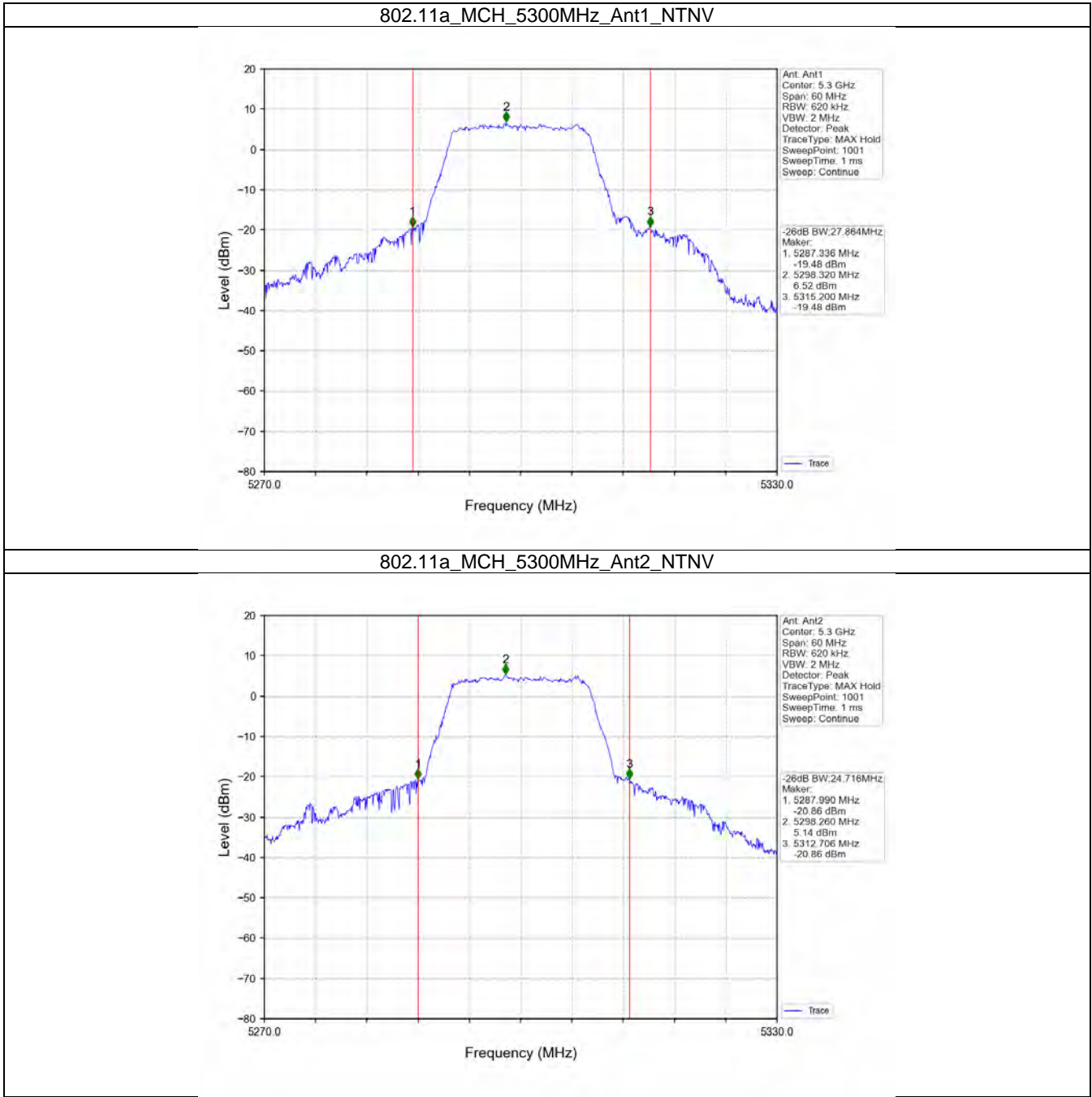


802.11a_LCH_5260MHz_Ant2_NTNV



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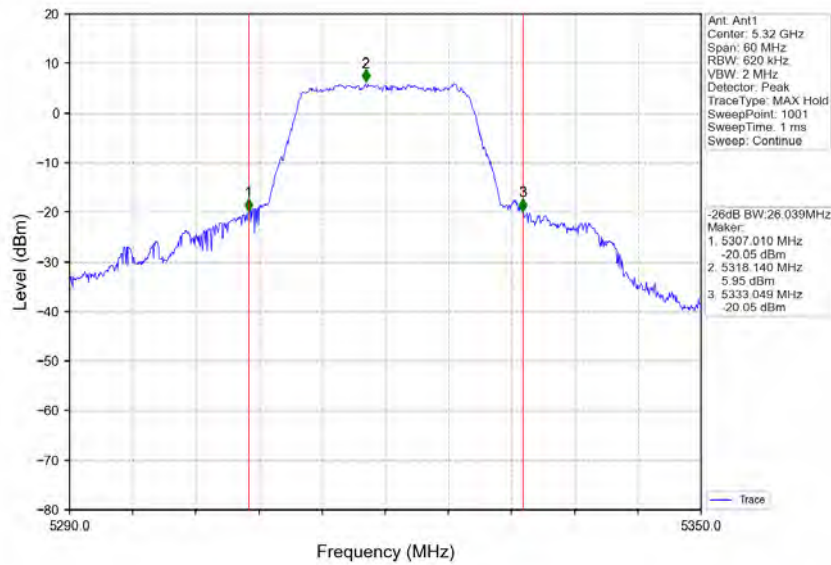
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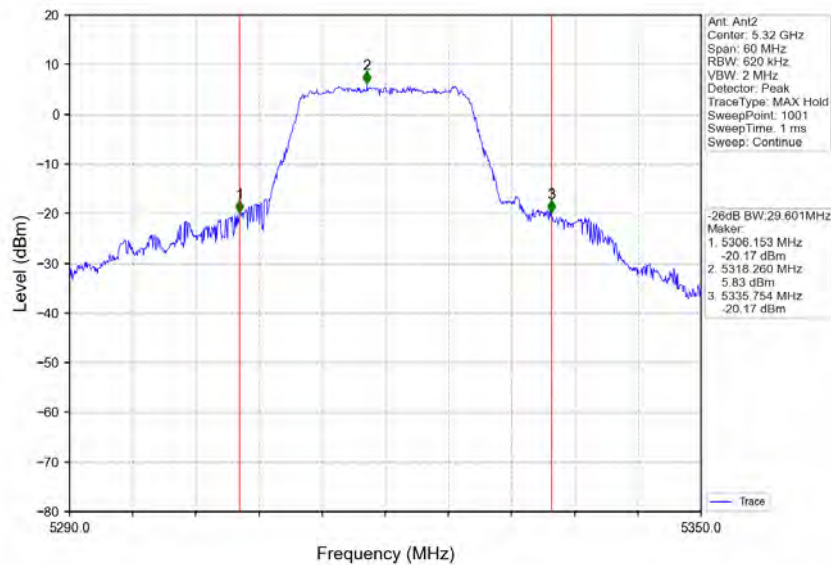
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802.11a_HCH_5320MHz_Ant1_NTNV



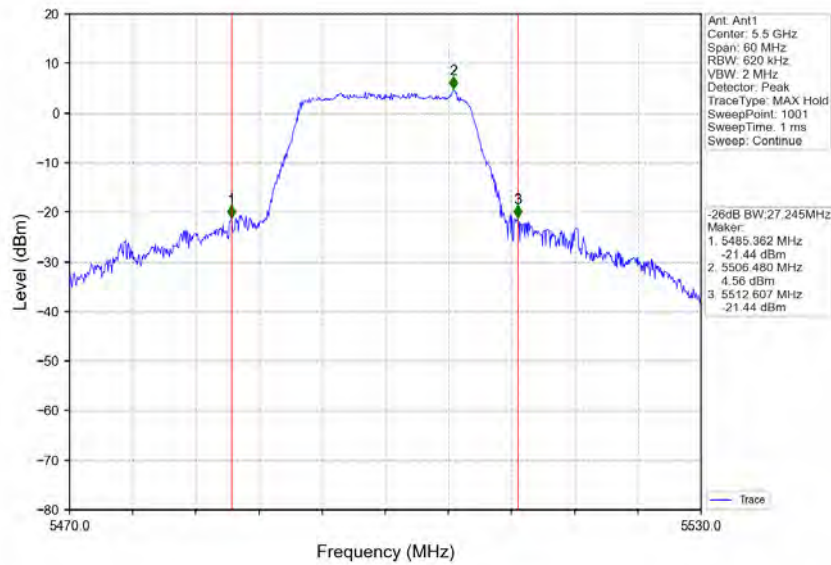
802.11a_HCH_5320MHz_Ant2_NTNV



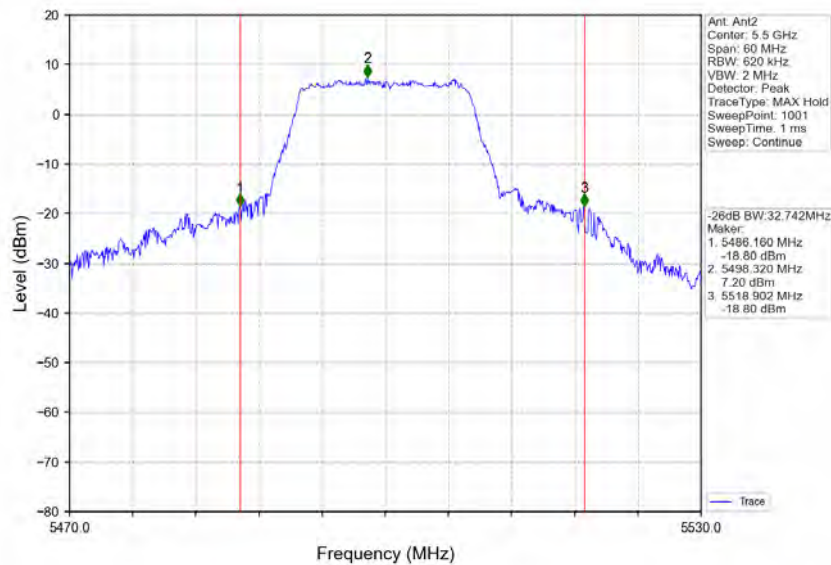
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802.11a_LCH_5500MHz_Ant1_NTNV

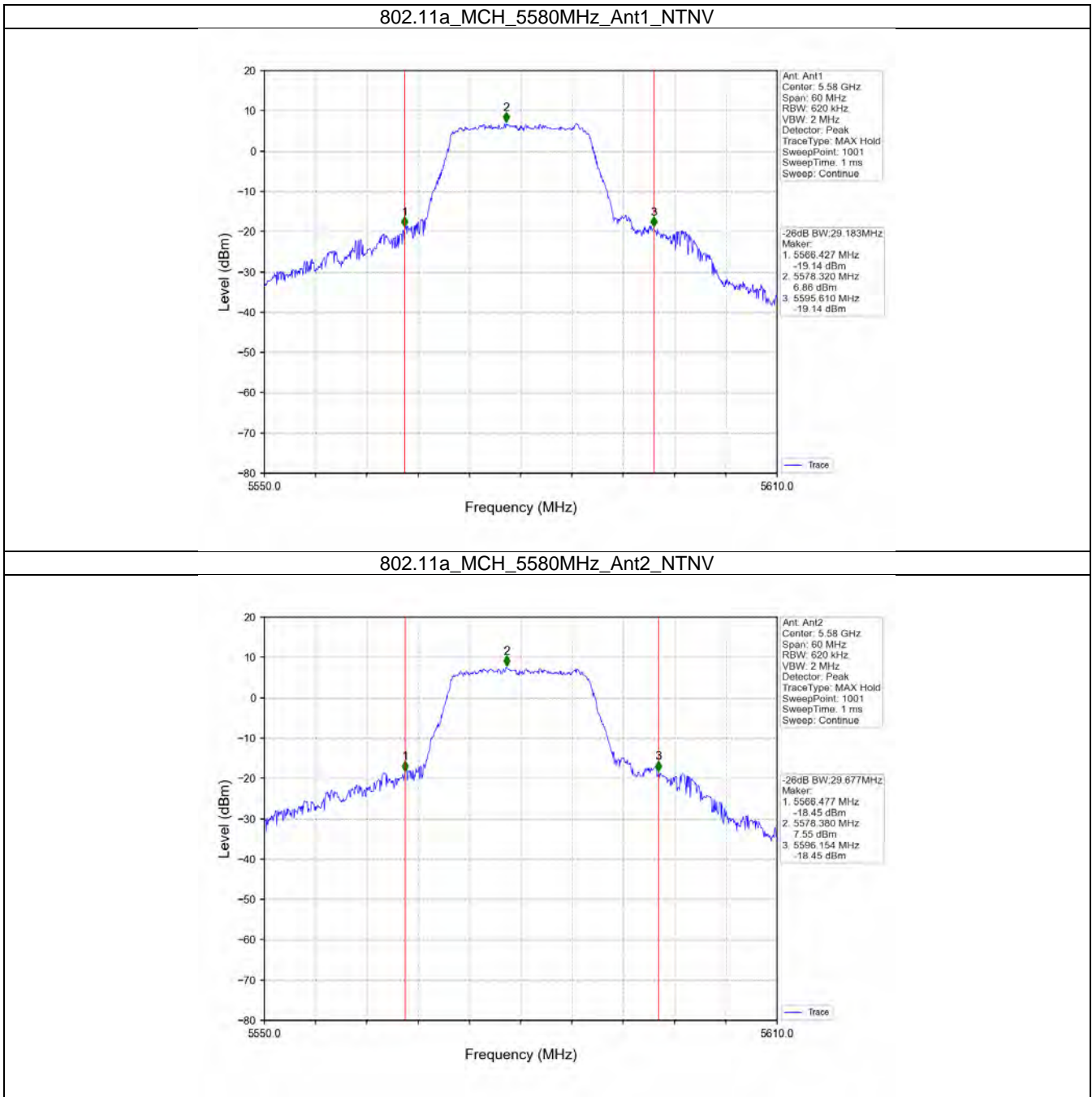


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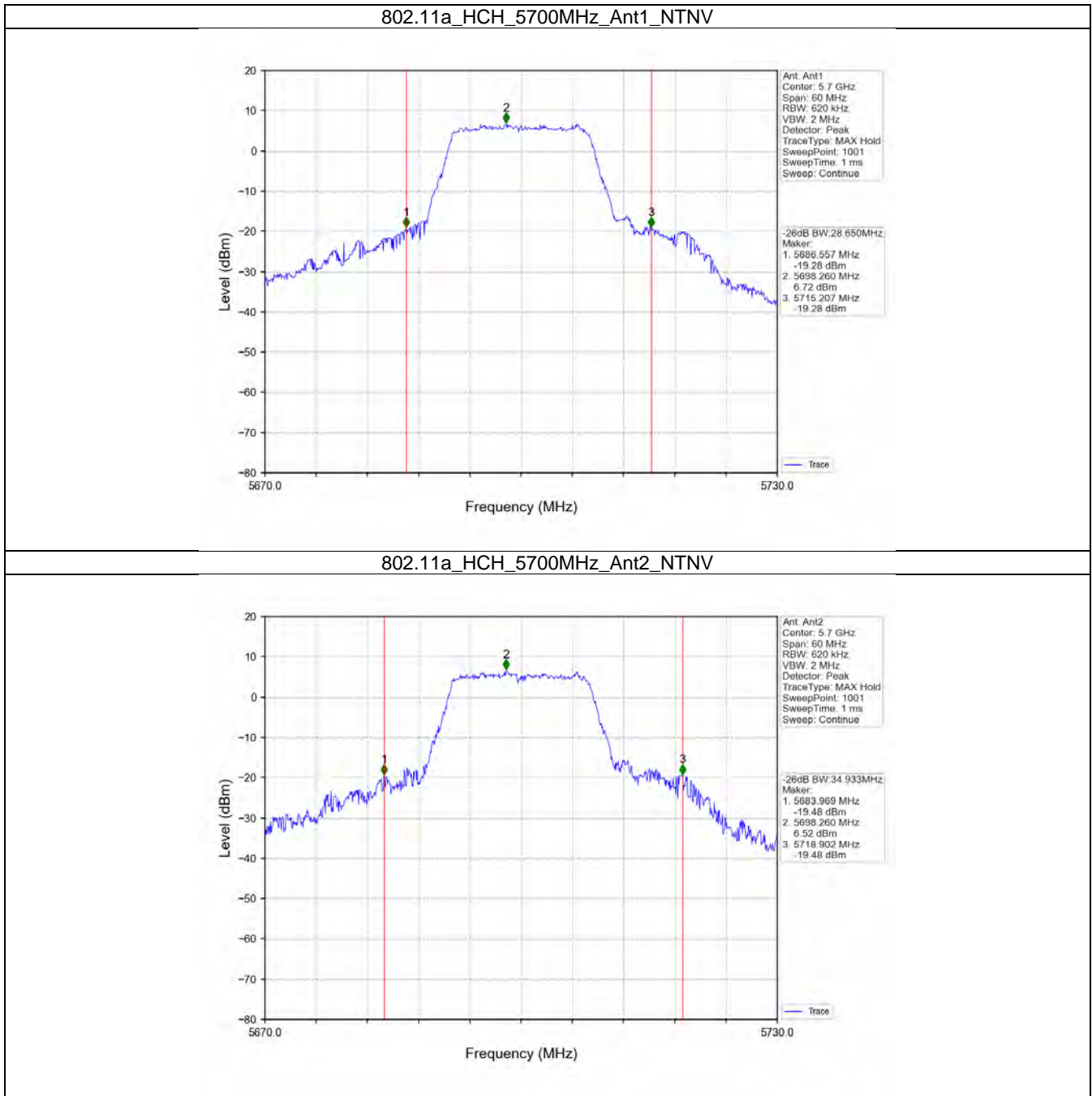
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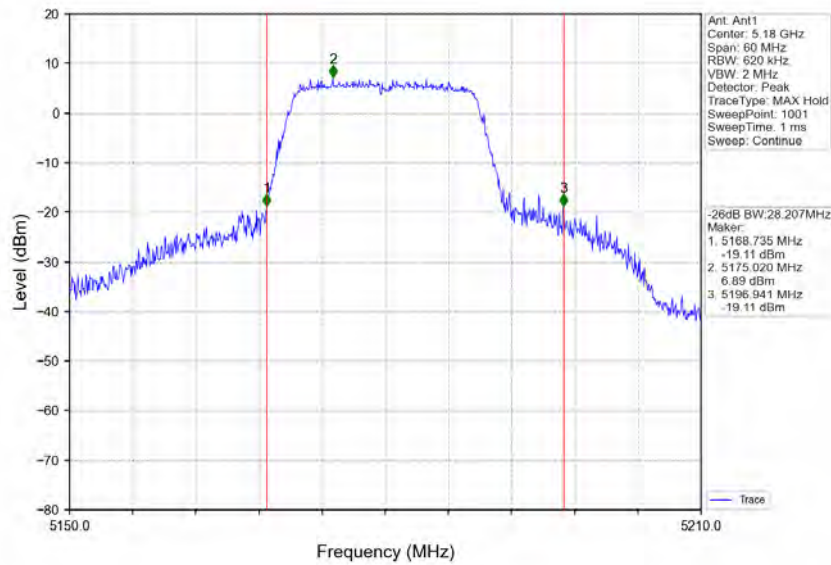
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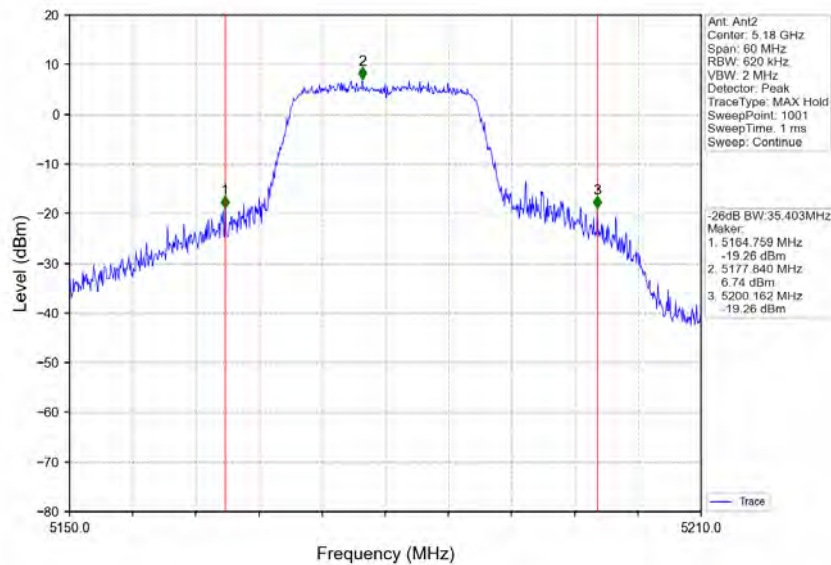
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802.11n(HT20)_LCH_5180MHz_Ant1_NTNV



802.11n(HT20)_LCH_5180MHz_Ant2_NTNV



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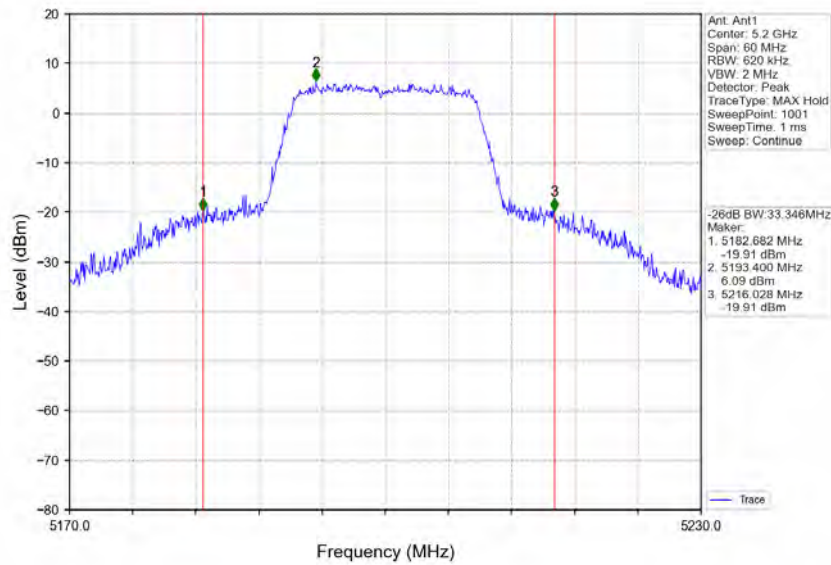
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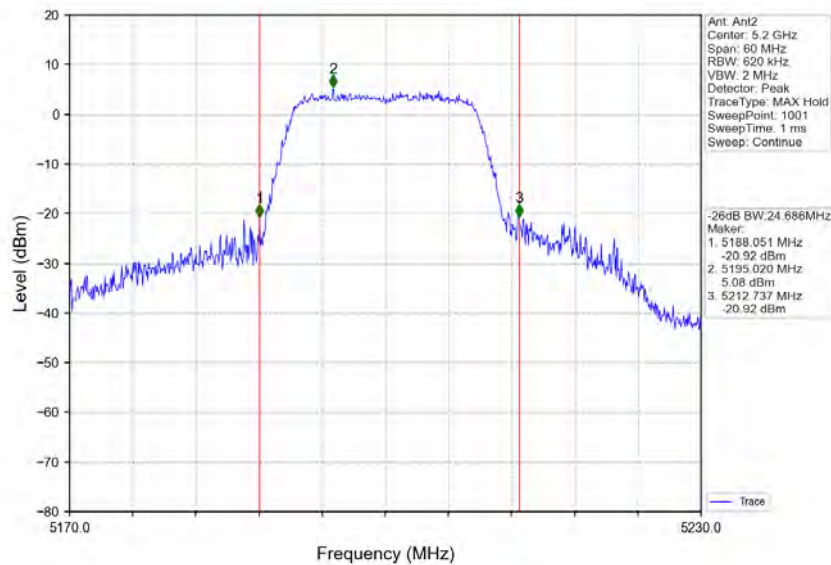
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802.11n(HT20)_MCH_5200MHz_Ant1_NTNV



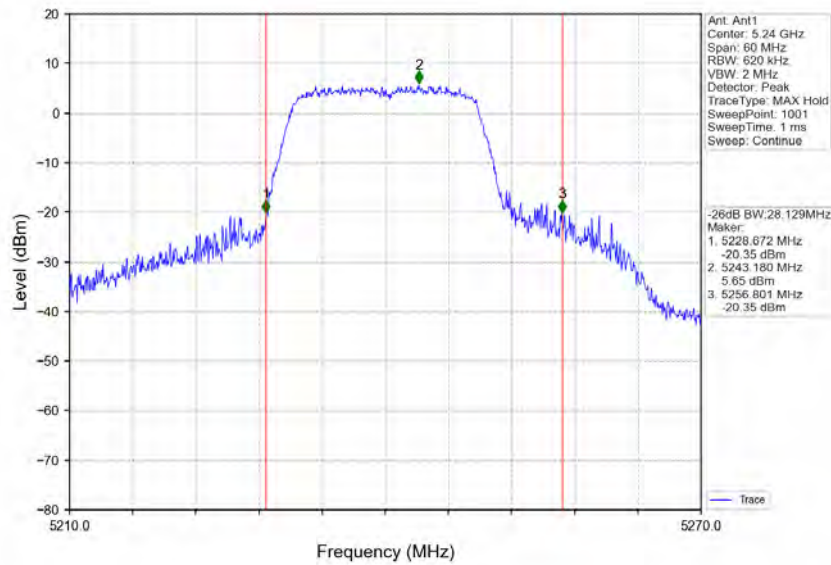
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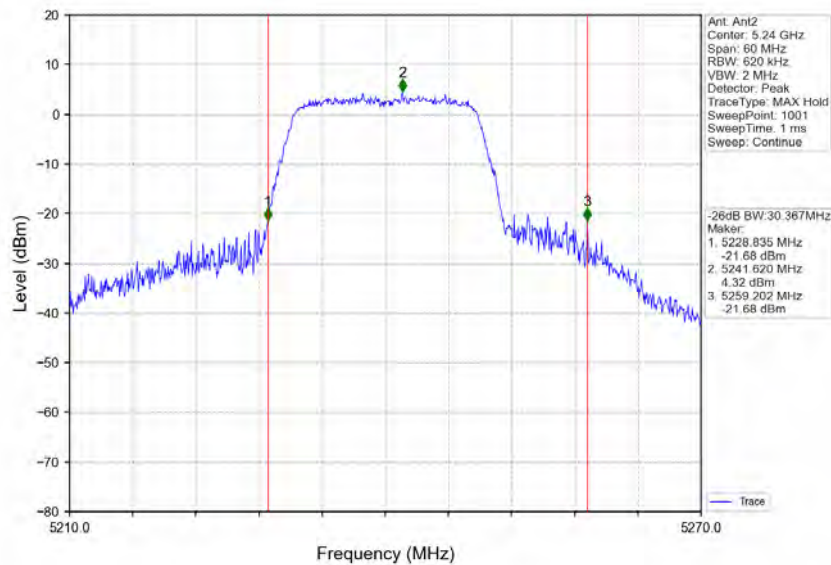
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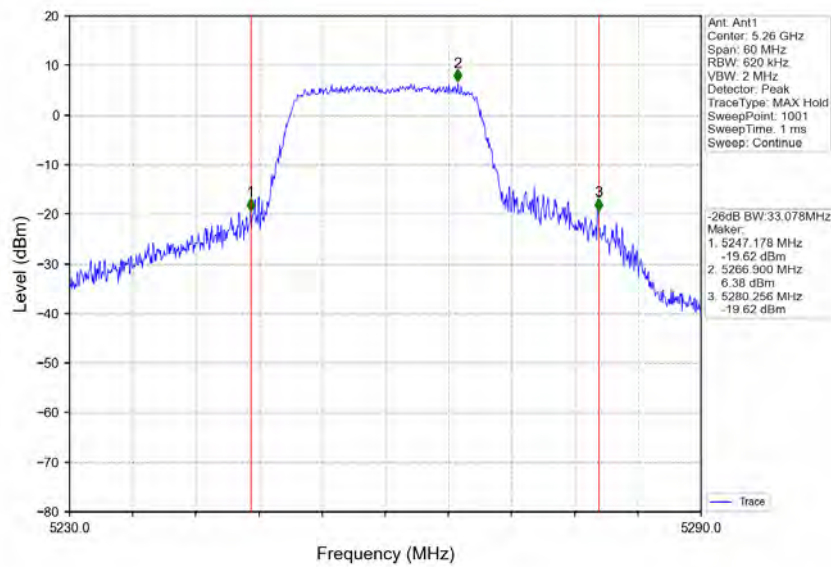
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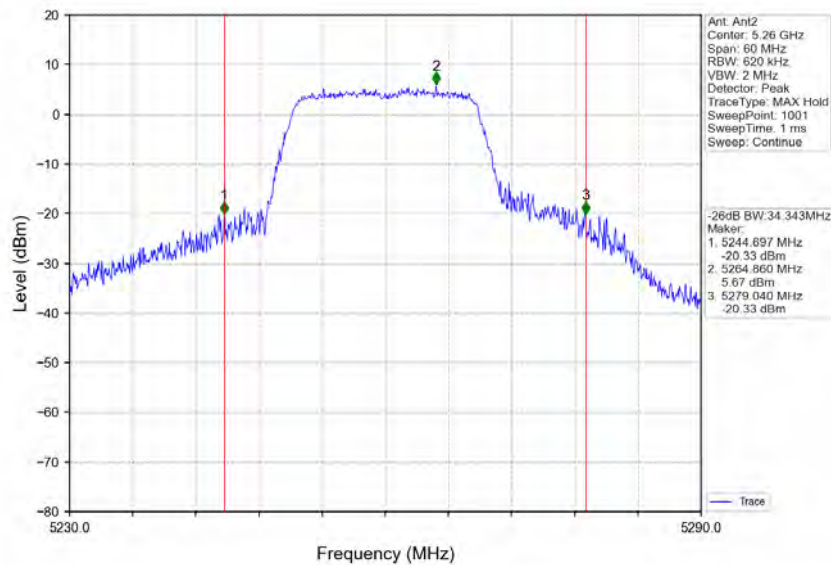
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802.11n(HT20)_LCH_5260MHz_Ant1_NTNV



802.11n(HT20)_LCH_5260MHz_Ant2_NTNV



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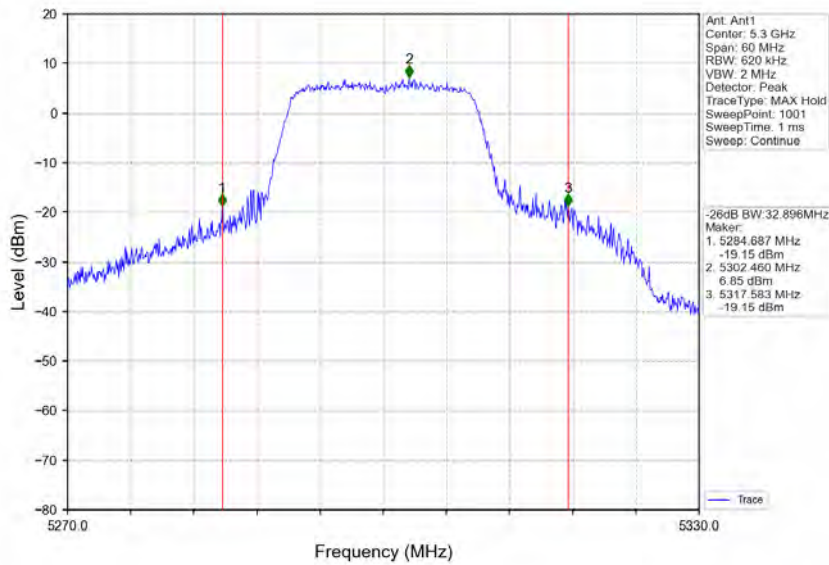
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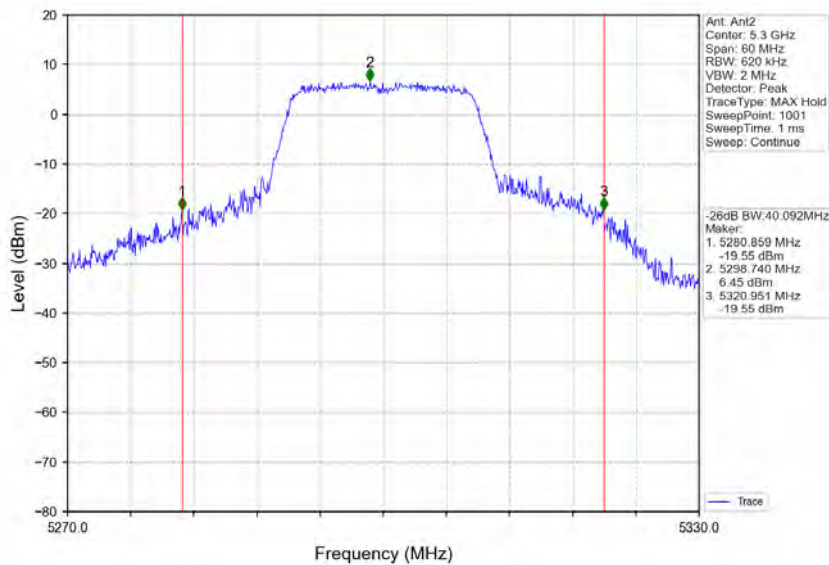
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802.11n(HT20)_MCH_5300MHz_Ant1_NTNV



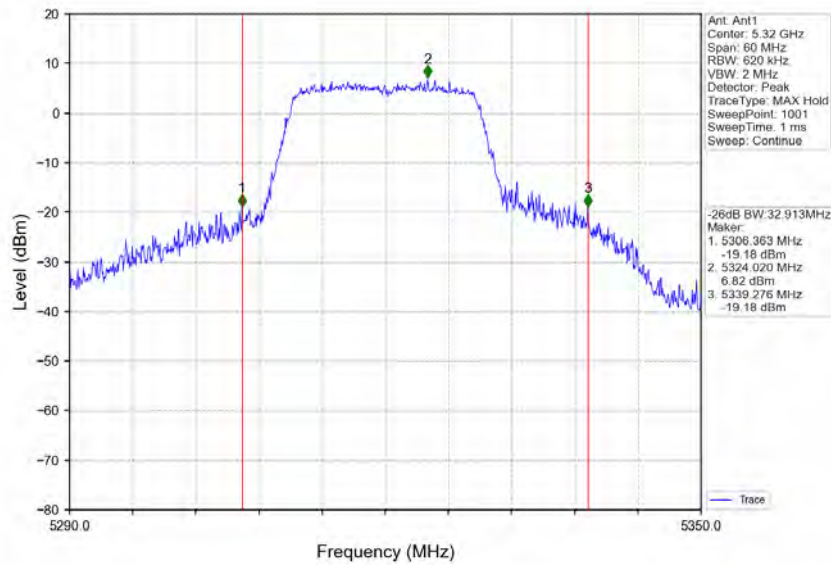
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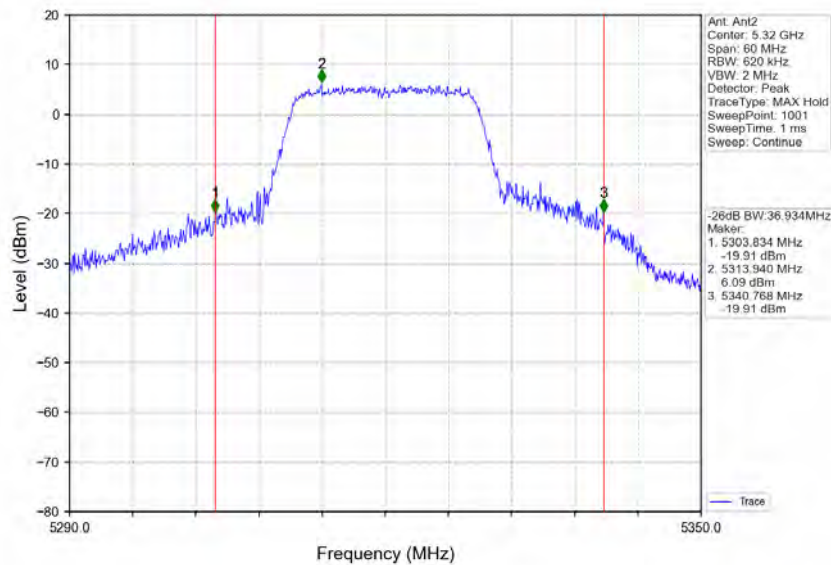
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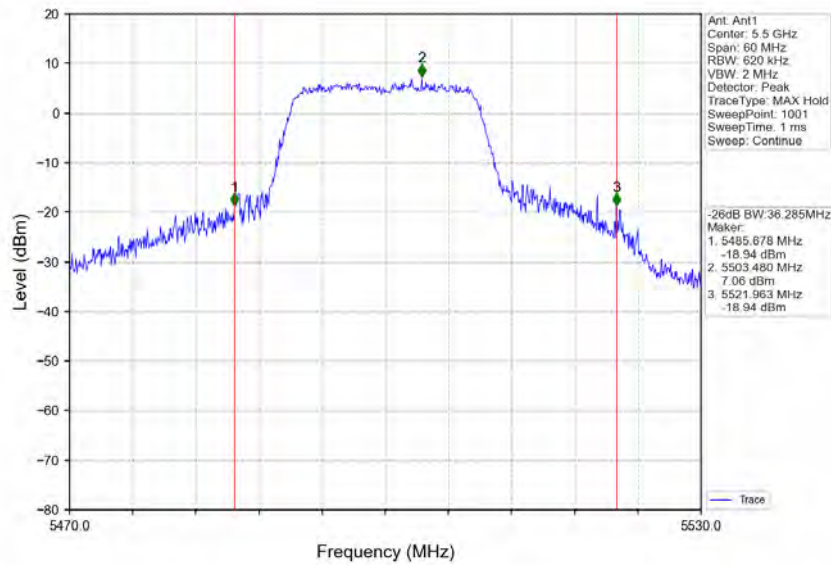
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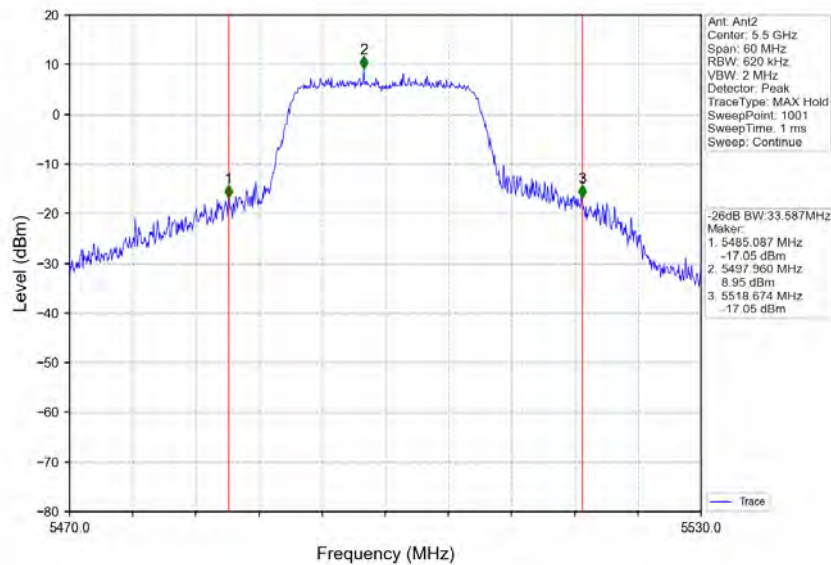
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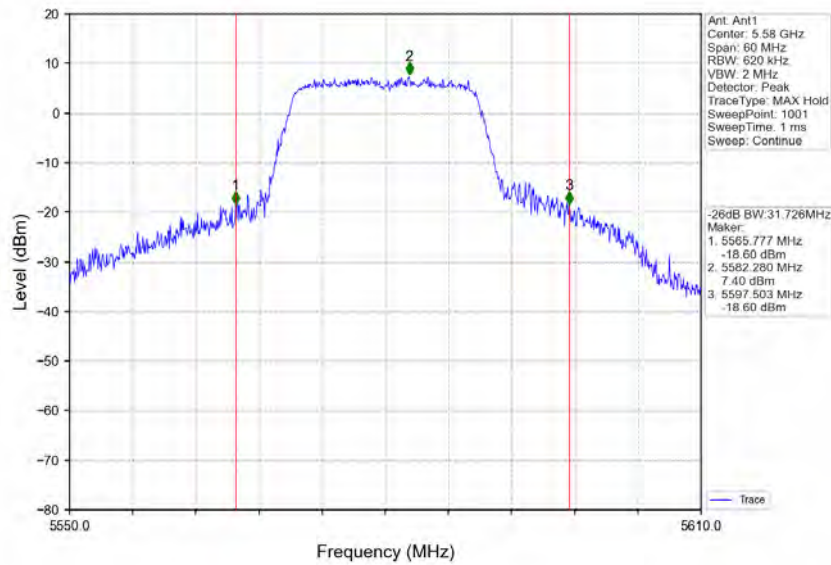
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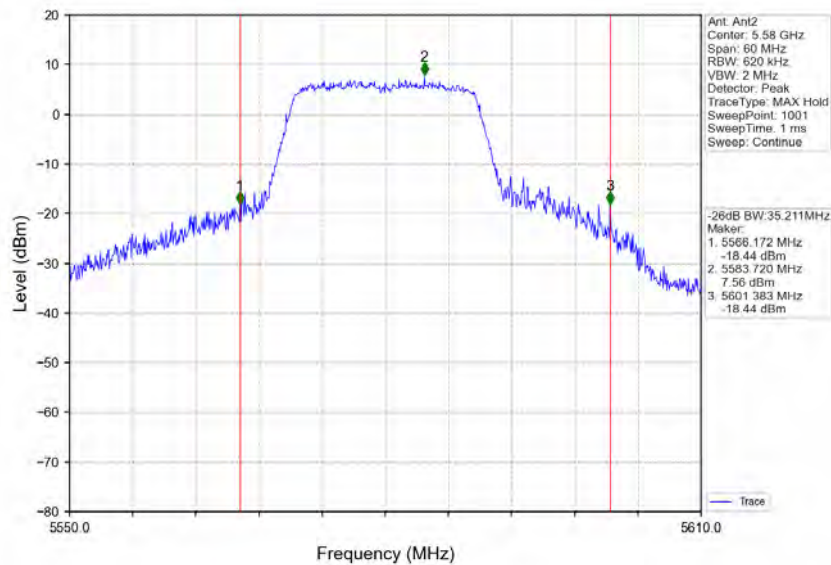
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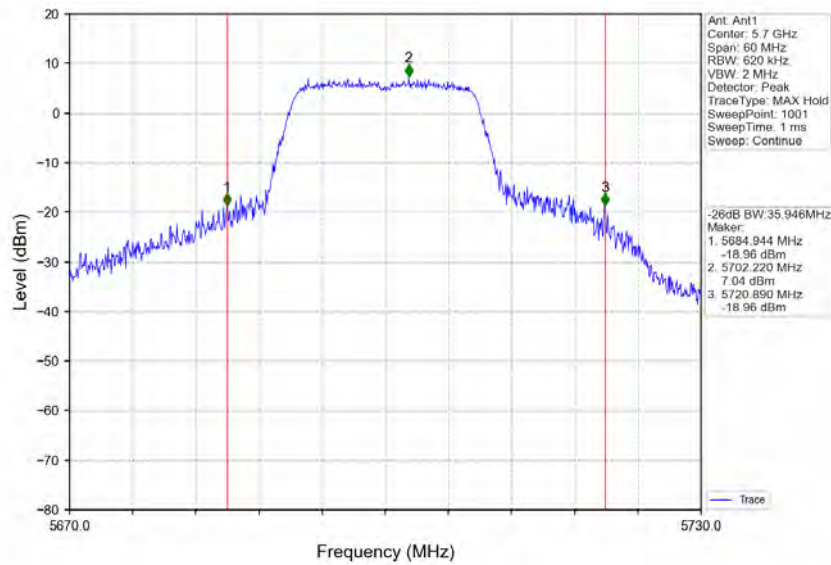
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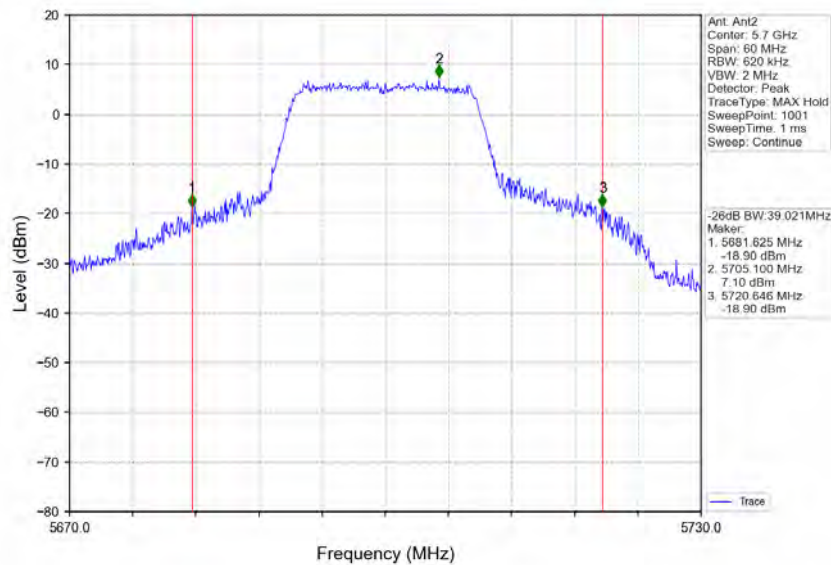
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3. Maximum Conducted Output Power

3.1 Power

3.1.1 Test Result

Mode	TX Type	Frequency (MHz)	Maximum Average Conducted Output Power (dBm)			Maximum E.I.R.P. (dBm)			Verdict
			Ant1	Ant2	Limit	Ant1	Ant2	Limit	
802.11a	SISO	5180	11.93	11.64	<=23.98	15.51	15.22	<=23.01	Pass
		5200	11.96	11.19	<=23.98	15.54	14.77	<=23.01	Pass
		5240	10.94	10.42	<=23.98	14.52	14.00	<=23.01	Pass
		5260	12.29	11.63	<=23.98	15.87	15.21	<=29.98	Pass
		5300	12.34	10.98	<=23.98	15.92	14.56	<=29.98	Pass
		5320	11.96	11.71	<=23.98	15.54	15.29	<=29.98	Pass
		5500	11.51	12.83	<=23.98	15.09	16.41	<=29.98	Pass
		5580	12.71	13.30	<=23.98	16.29	16.88	<=29.98	Pass
		5700	12.54	12.23	<=23.98	16.12	15.81	<=29.98	Pass
		5745	11.55	11.38	<=30	15.13	14.96	/	Pass
		5785	11.32	11.44	<=30	14.90	15.02	/	Pass
5825	11.01	11.19	<=30	14.59	14.77	/	Pass		
802.11n (HT20)	SISO	5180	12.38	11.96	<=23.98	15.96	15.54	<=23.01	Pass
		5200	11.65	10.05	<=23.98	15.23	13.63	<=23.01	Pass
		5240	11.05	9.41	<=23.98	14.63	12.99	<=23.01	Pass
		5260	12.09	11.63	<=23.98	15.67	15.21	<=29.98	Pass
		5300	12.22	12.17	<=23.98	15.80	15.75	<=29.98	Pass
		5320	11.94	11.49	<=23.98	15.52	15.07	<=29.98	Pass
		5500	11.51	12.71	<=23.98	15.09	16.29	<=29.98	Pass
		5580	12.72	12.47	<=23.98	16.30	16.05	<=29.98	Pass
		5700	12.44	12.21	<=23.98	16.02	15.79	<=29.98	Pass
		5745	11.50	11.19	<=30	15.08	14.77	/	Pass
		5785	11.16	10.41	<=30	14.74	13.99	/	Pass
5825	10.93	10.40	<=30	14.51	13.98	/	Pass		

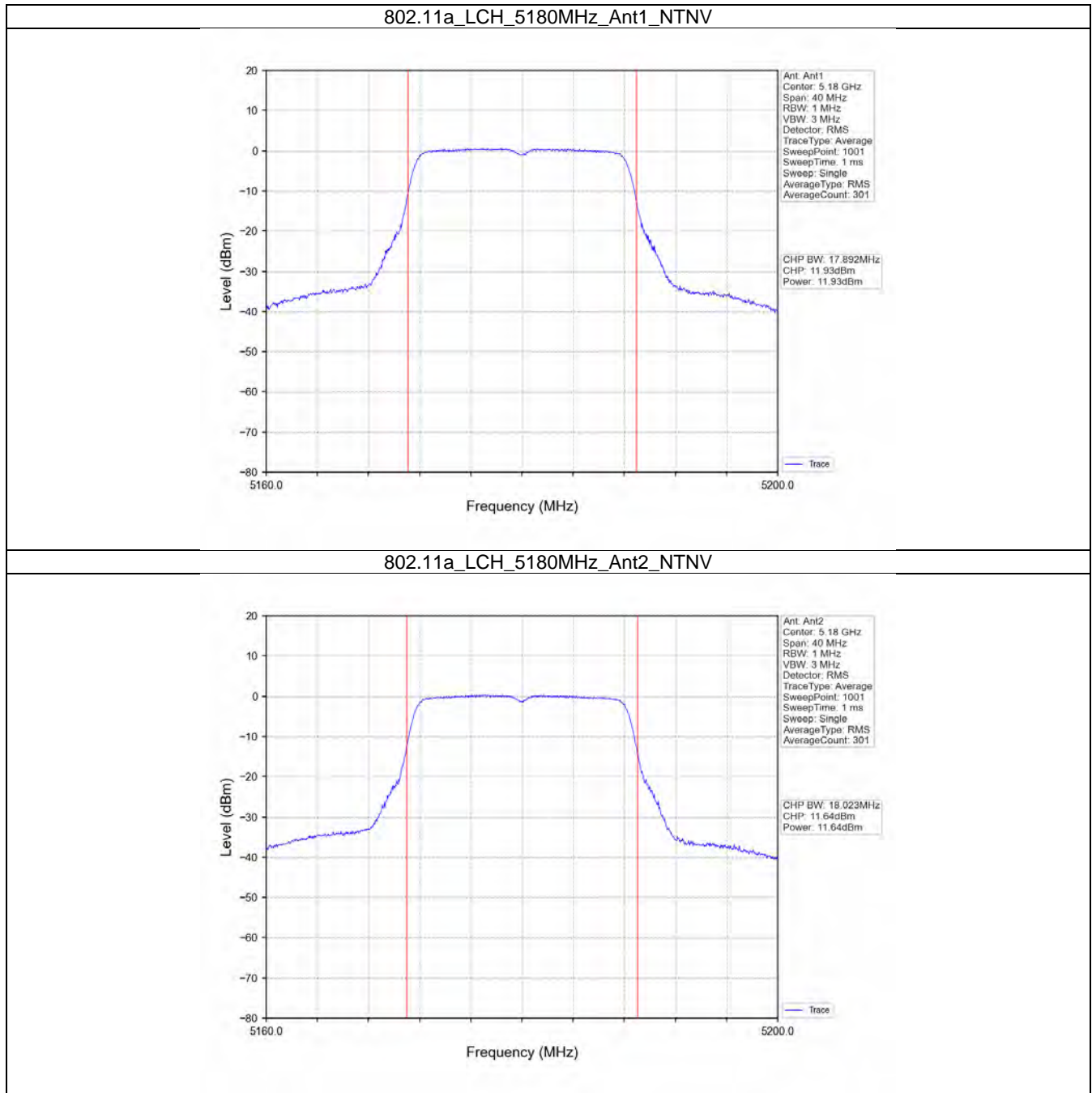
Note1: Antenna Gain: Ant1: 3.58dBi; Ant2: 3.58dBi;



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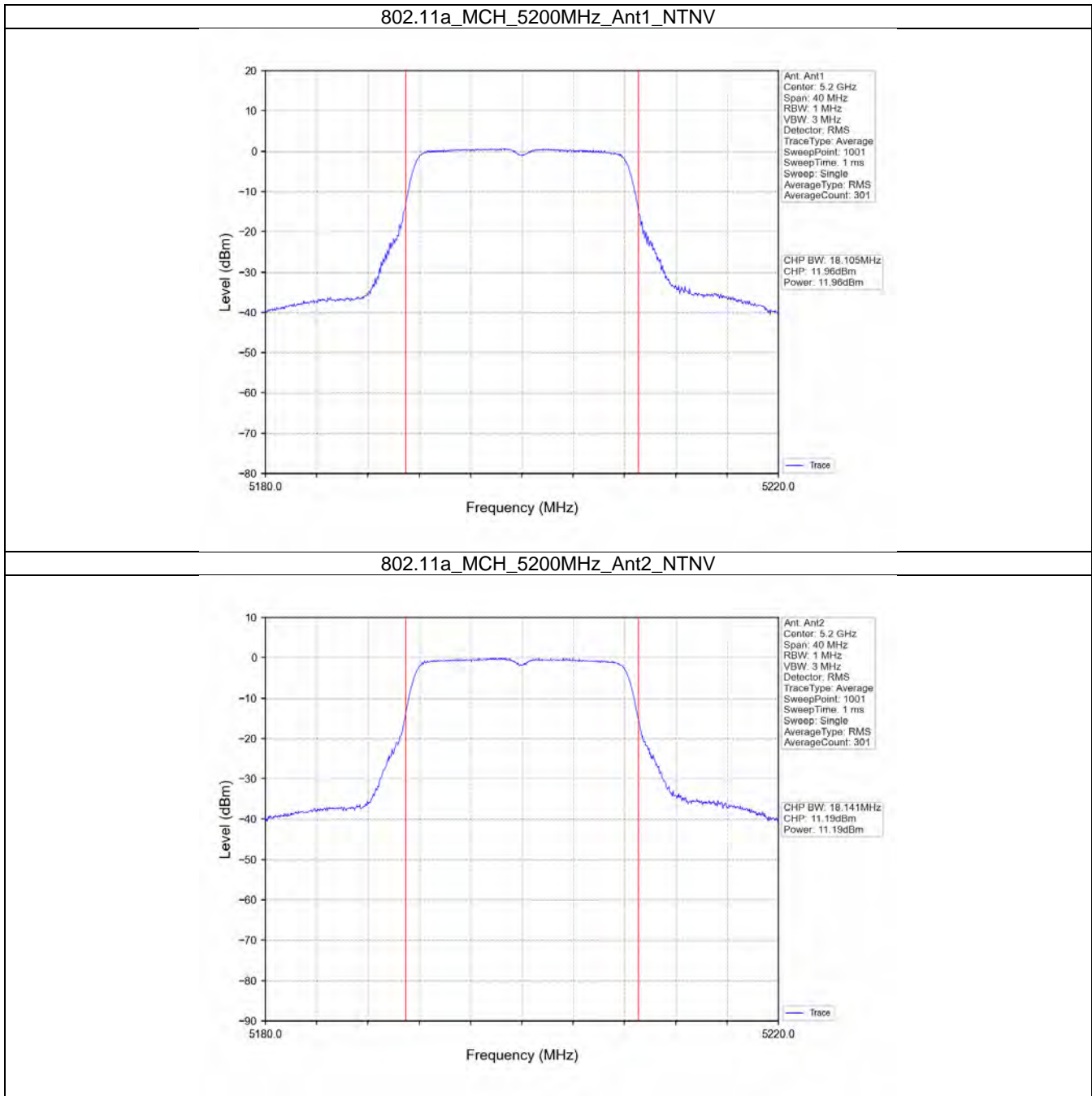
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3.1.2 Test Graph



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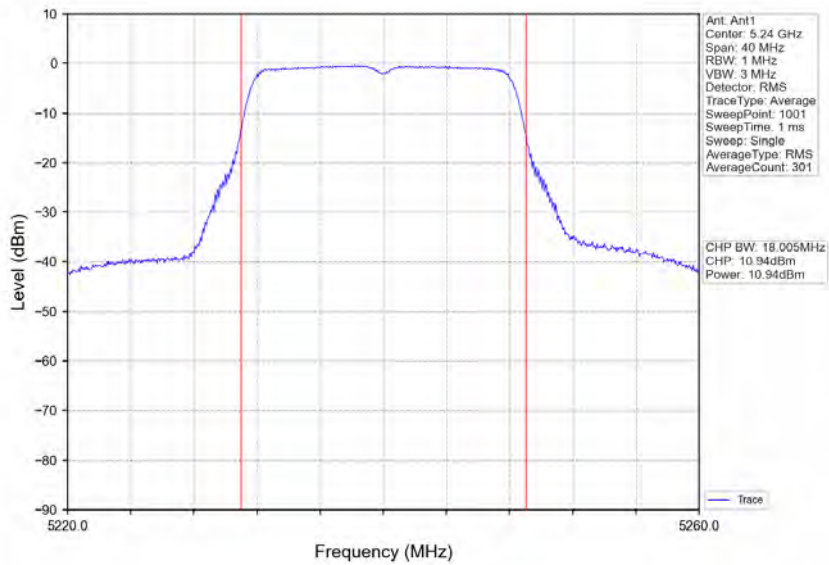
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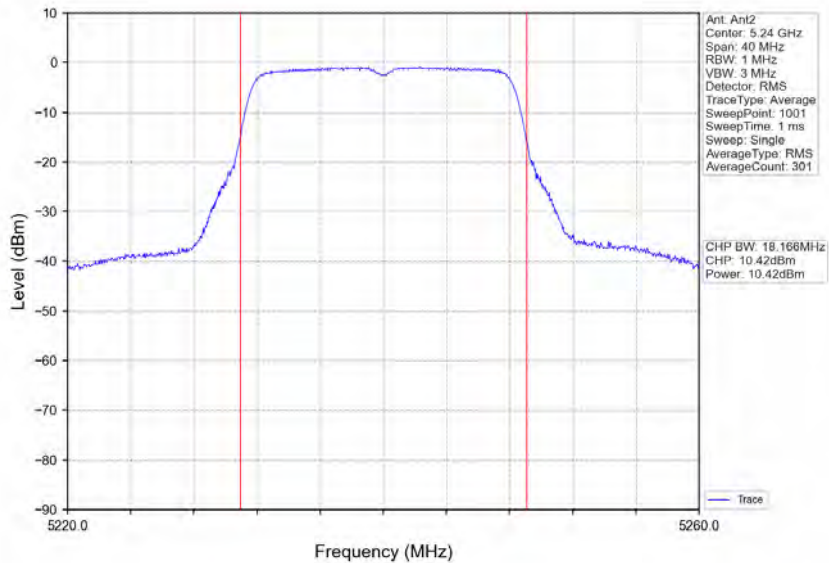
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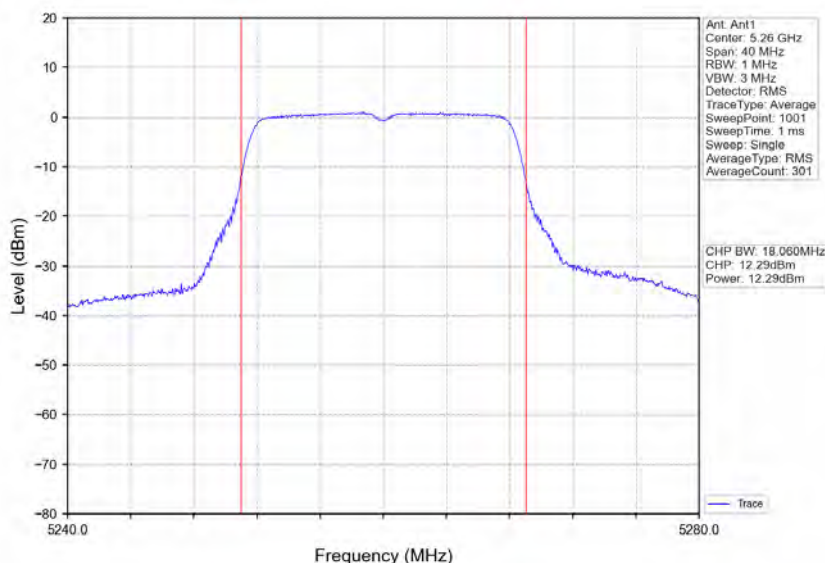
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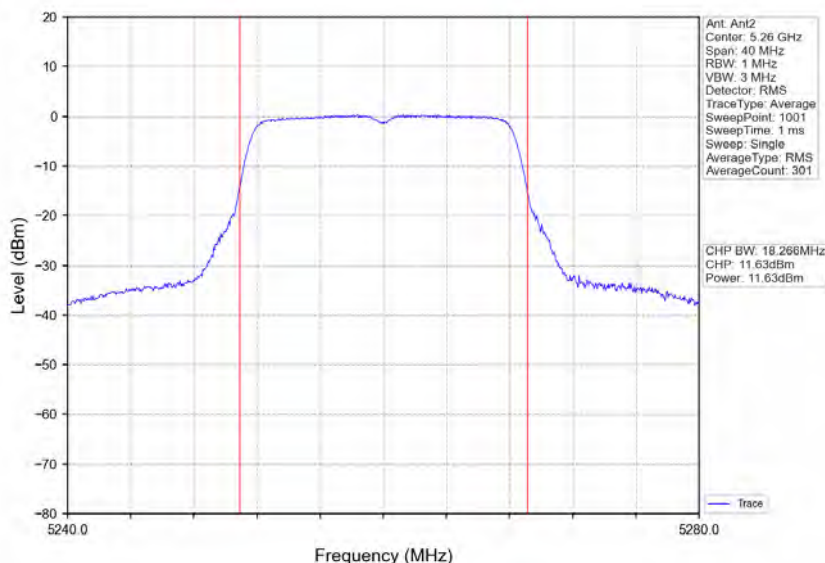
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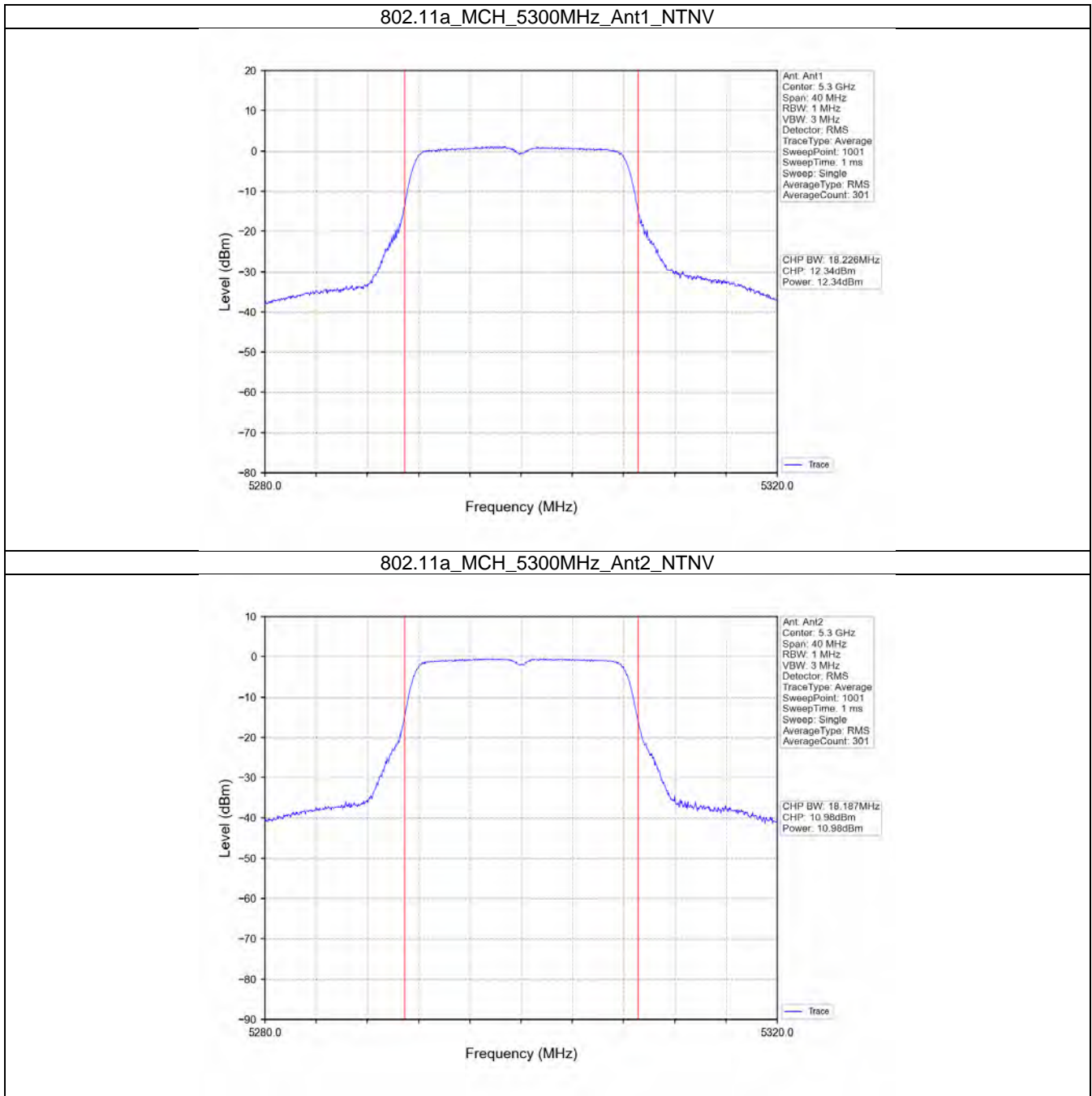


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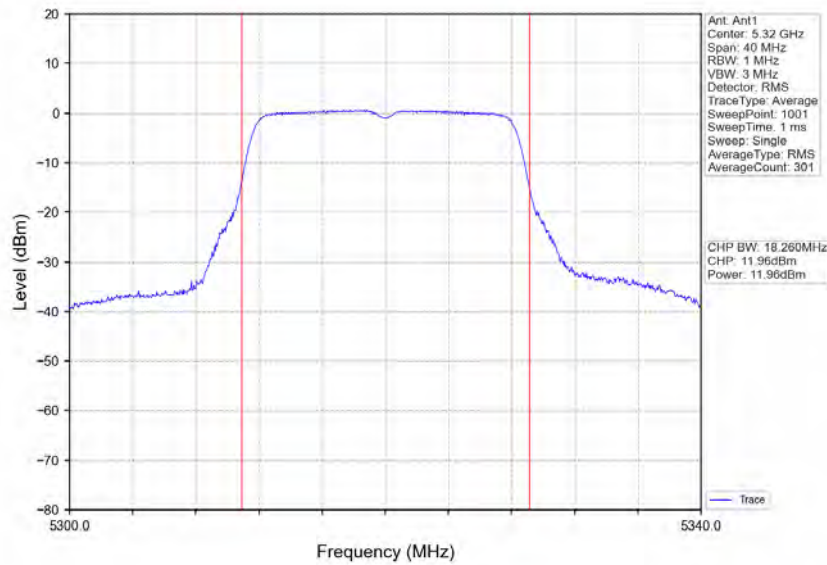
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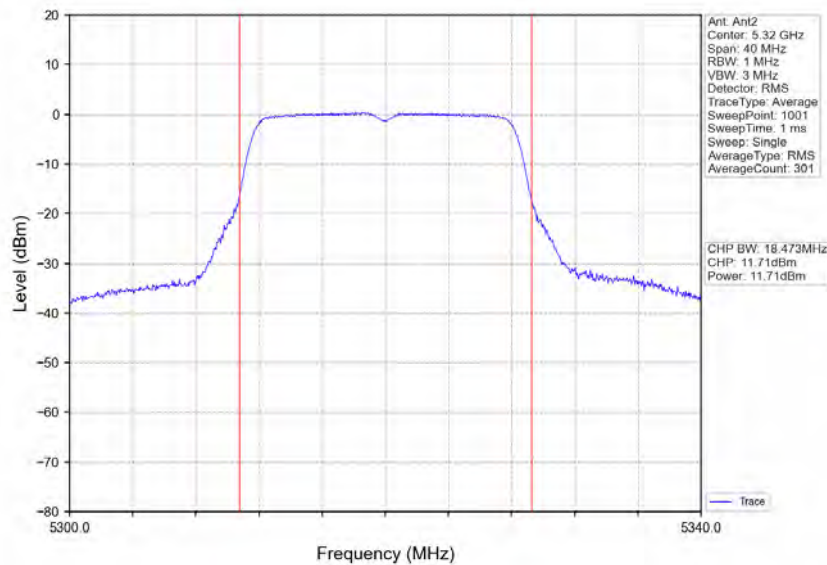
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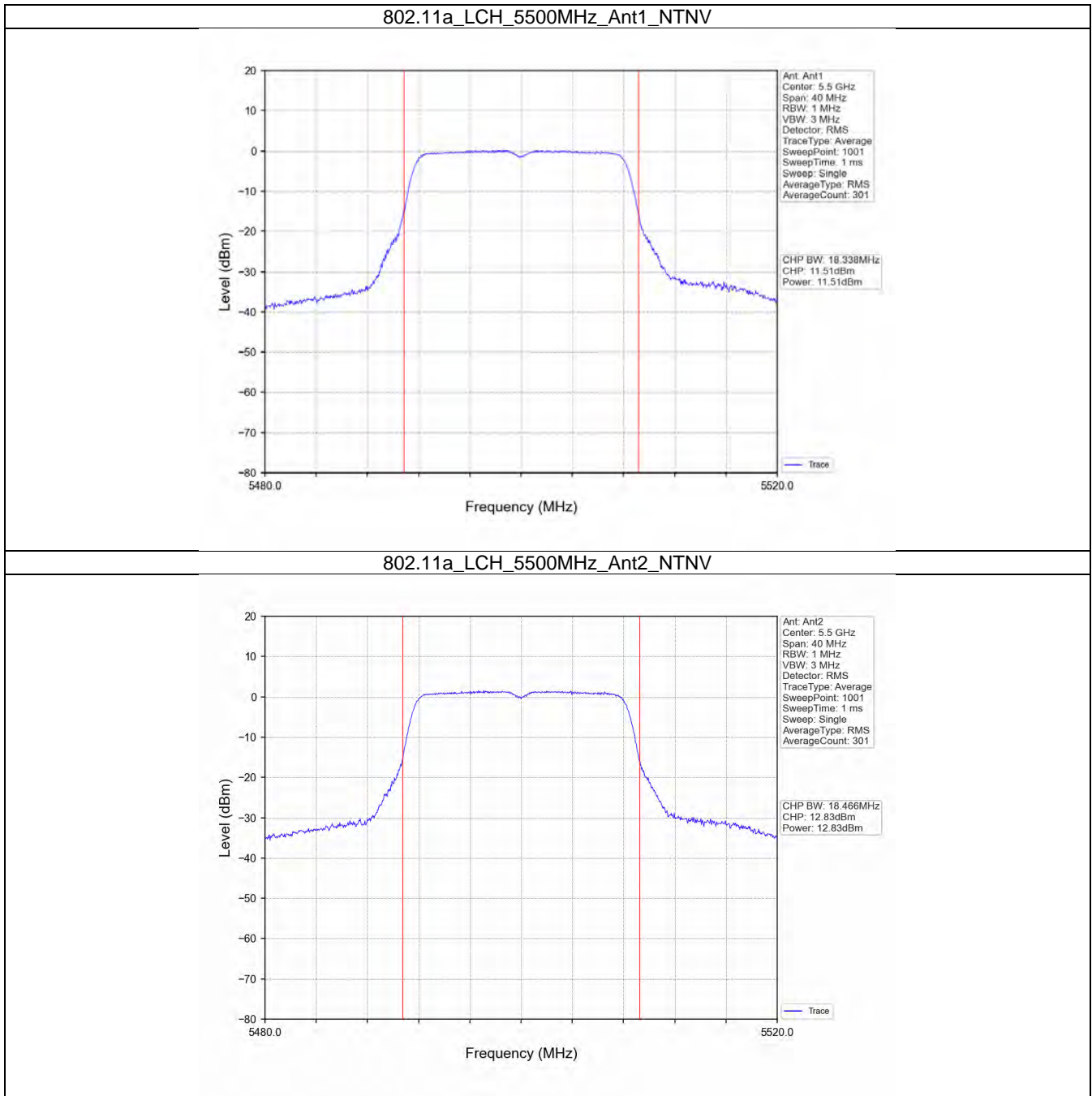
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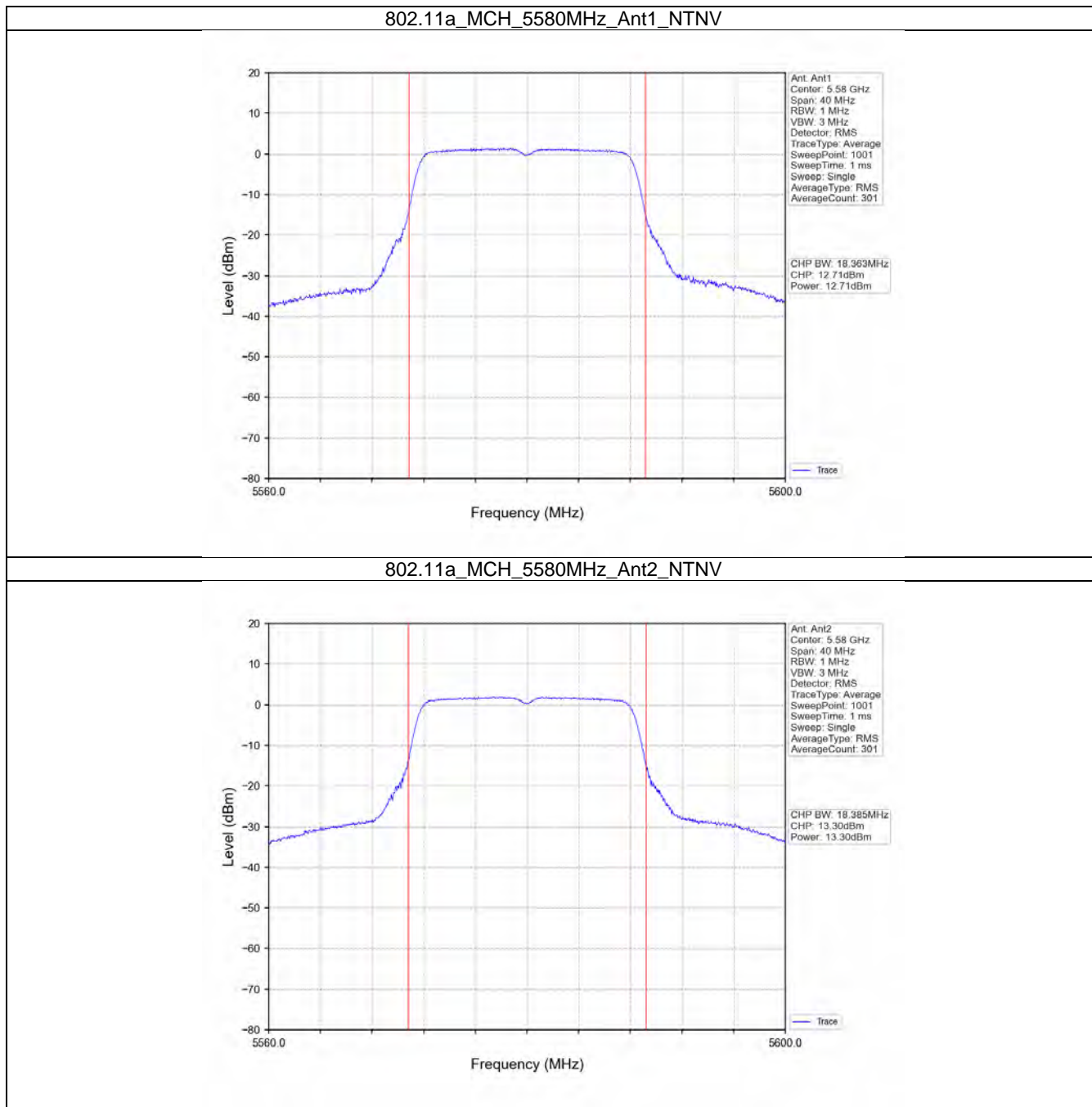
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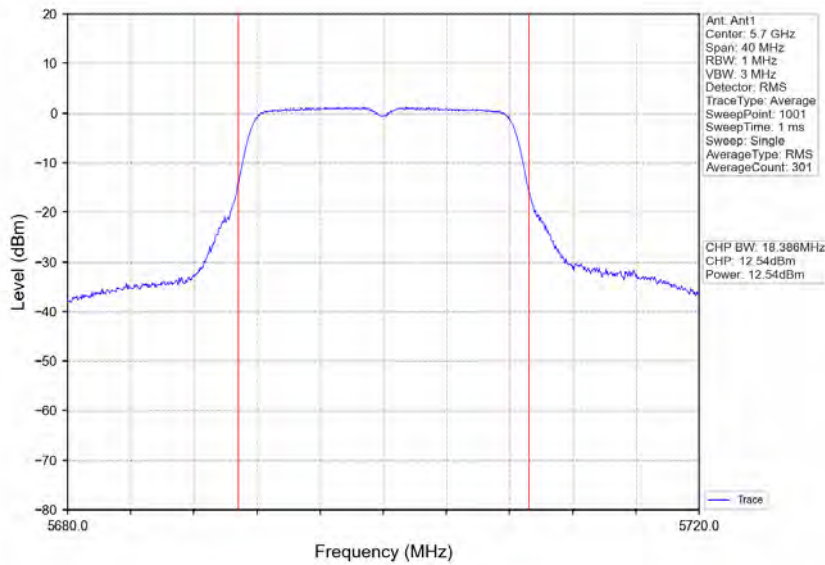
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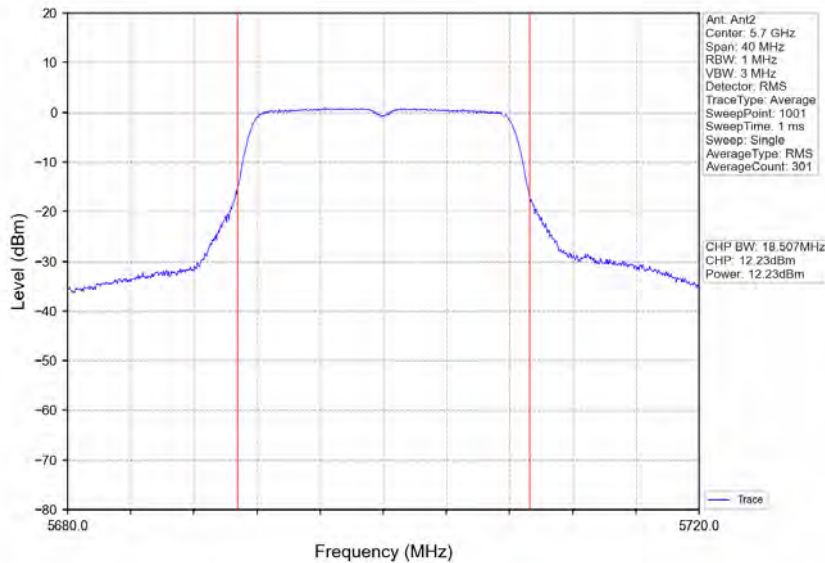
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802.11a_HCH_5700MHz_Ant1_NTNV



802.11a_HCH_5700MHz_Ant2_NTNV



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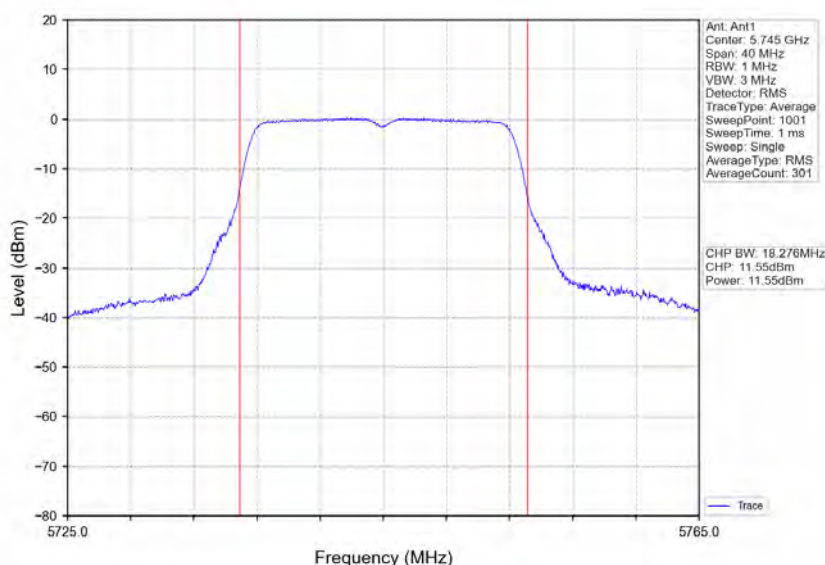
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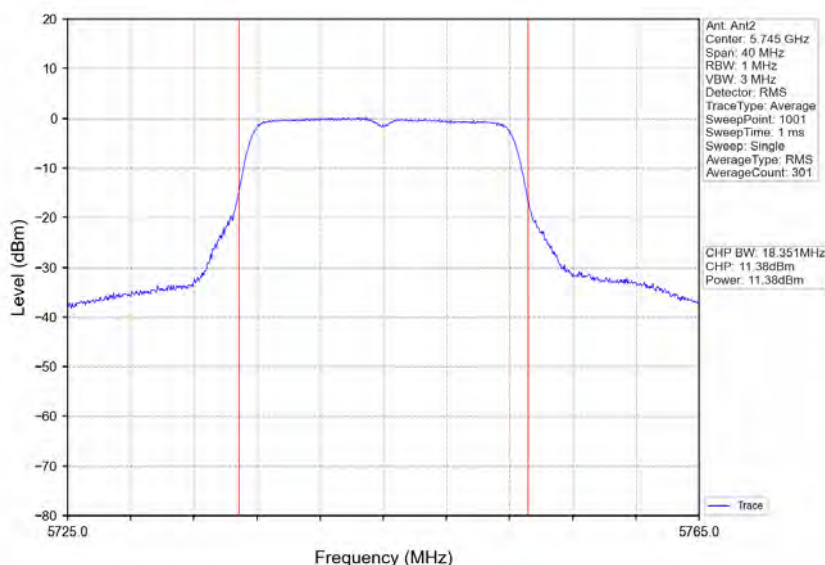
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802.11a_LCH_5745MHz_Ant1_NTNV

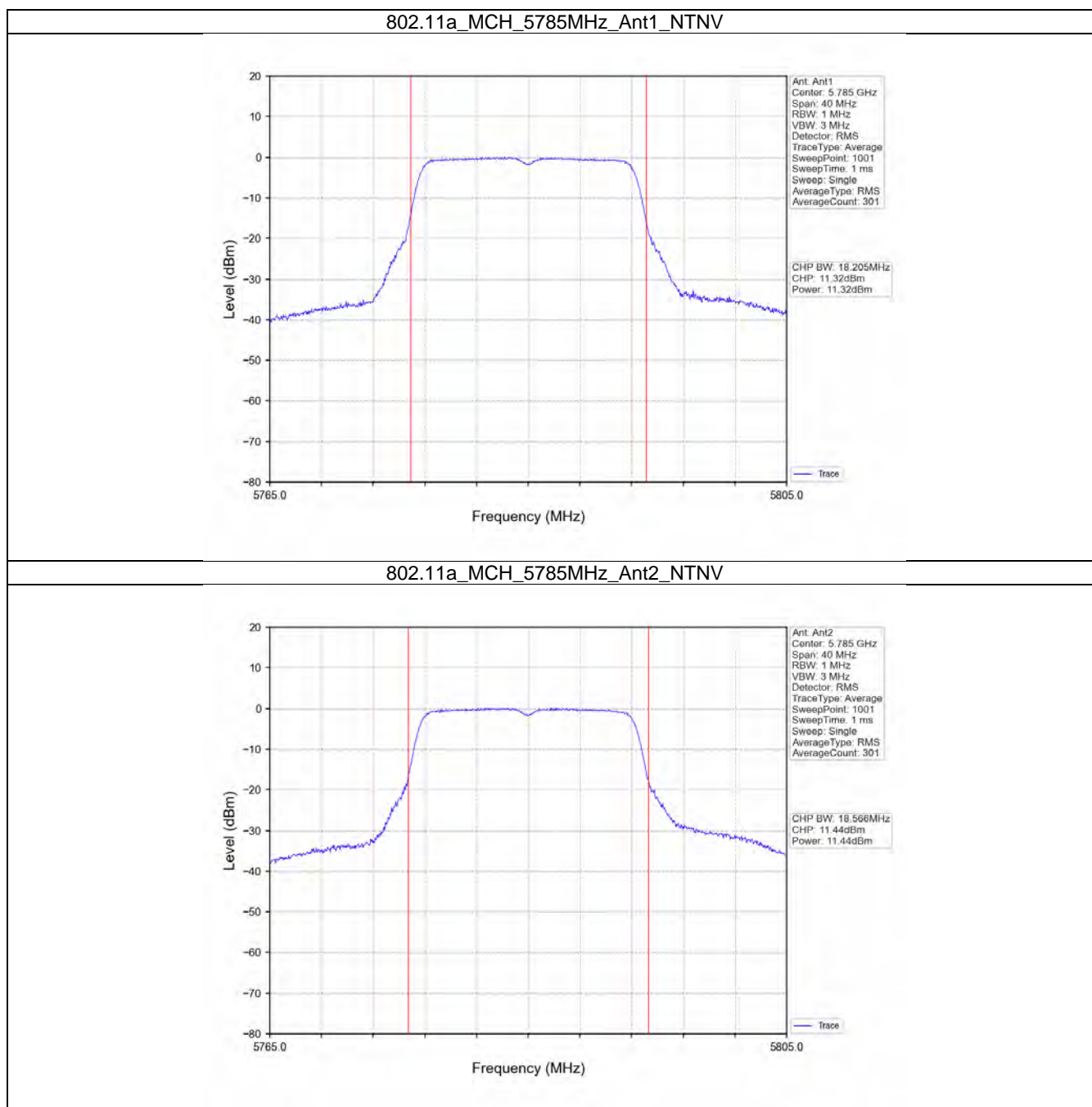


802.11a_LCH_5745MHz_Ant2_NTNV



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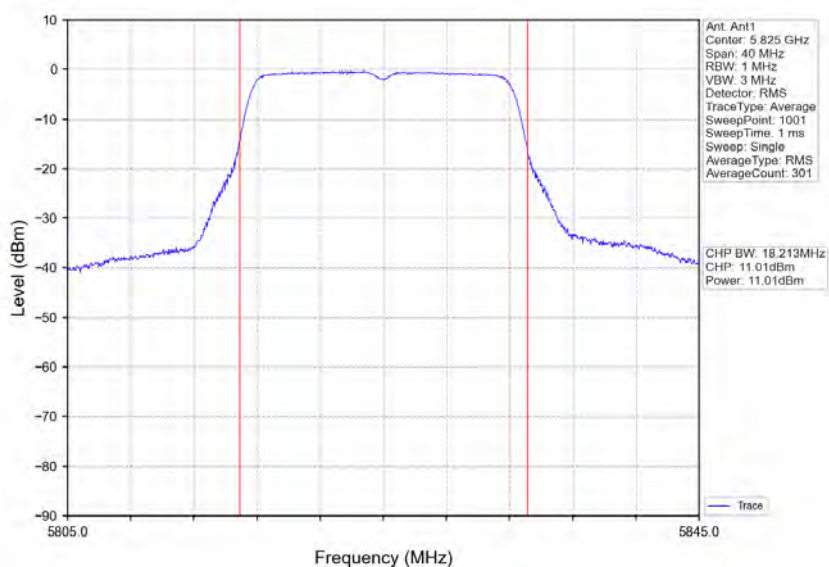


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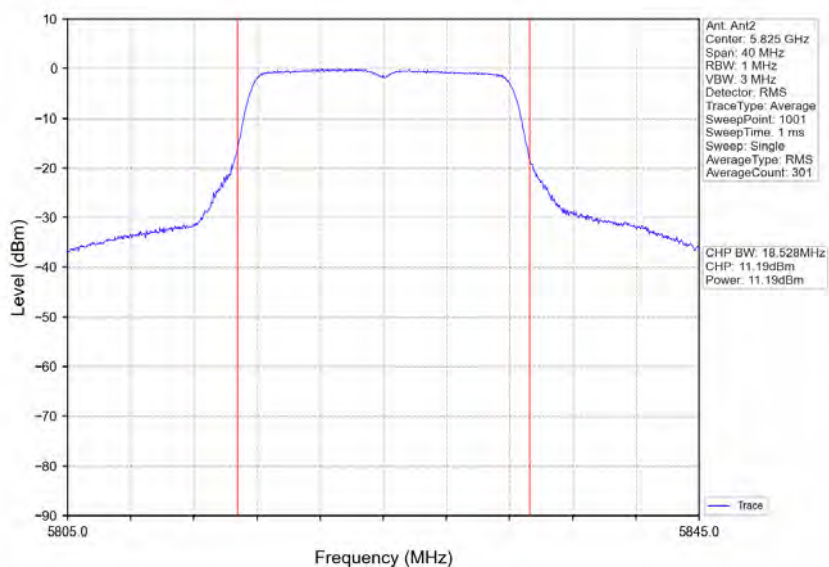
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802.11a_HCH_5825MHz_Ant1_NTNV



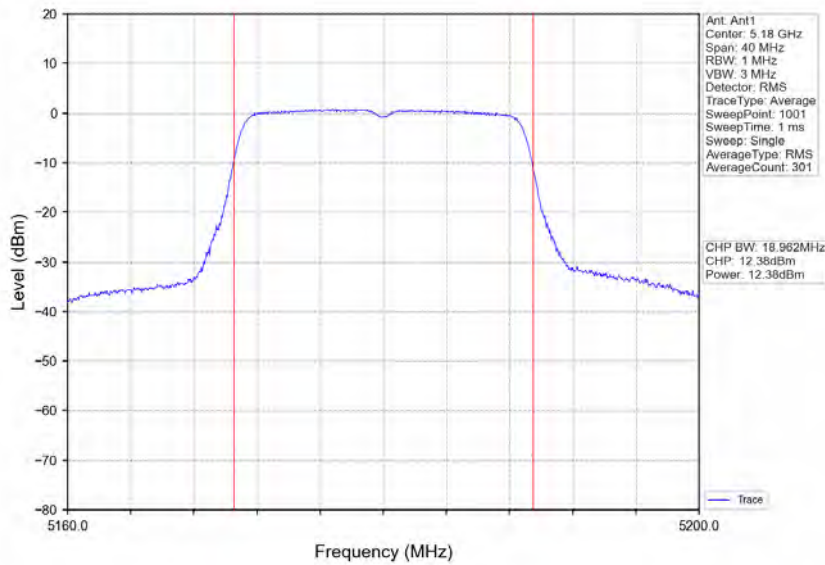
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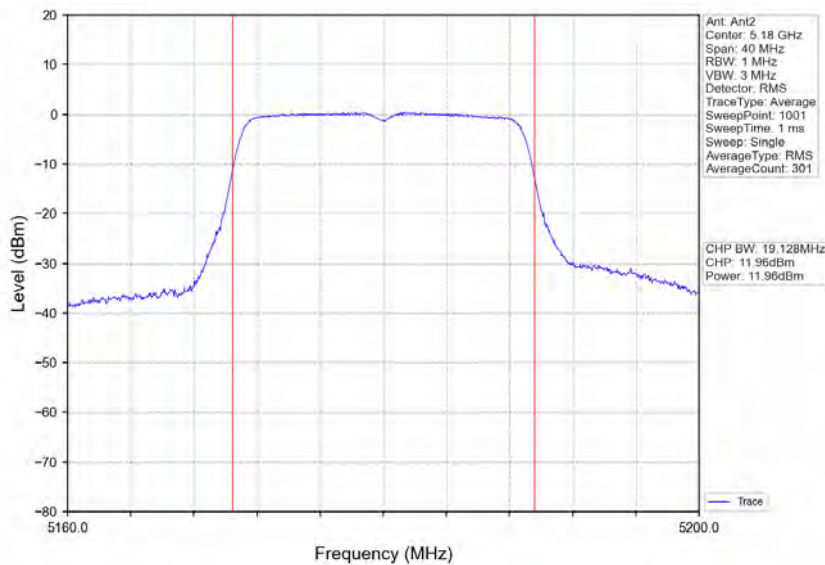
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802.11n(HT20)_LCH_5180MHz_Ant1_NTNV



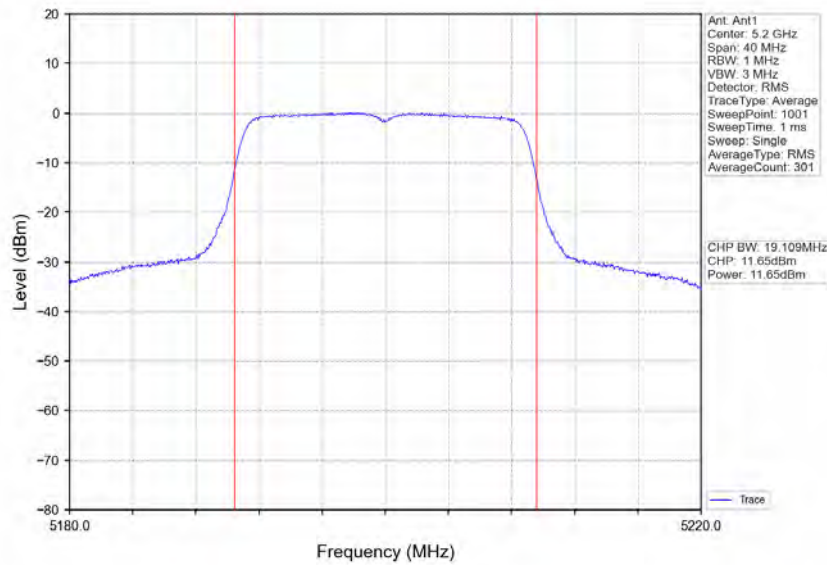
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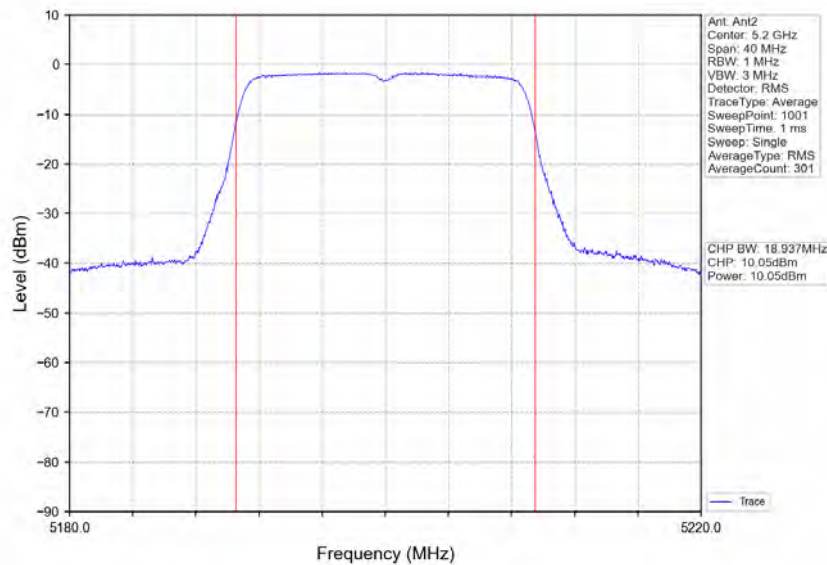
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802.11n(HT20)_MCH_5200MHz_Ant1_NTNV



802.11n(HT20)_MCH_5200MHz_Ant2_NTNV



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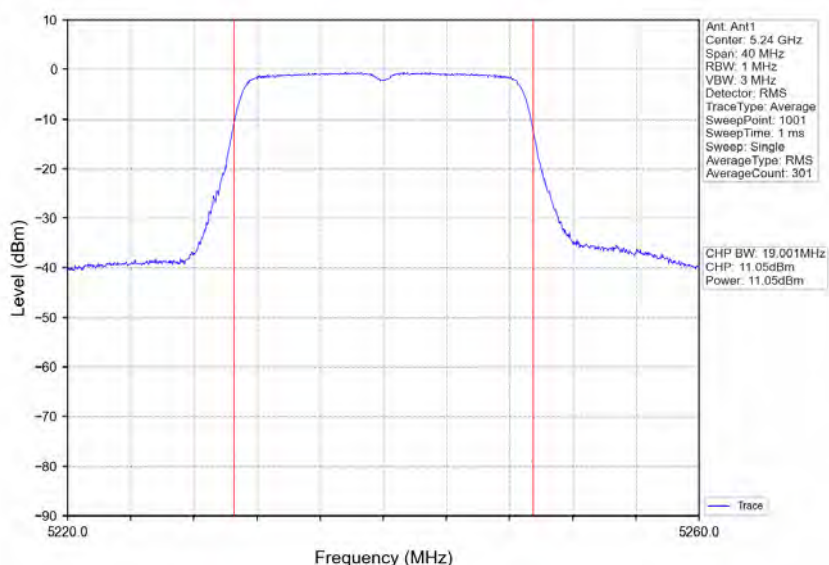
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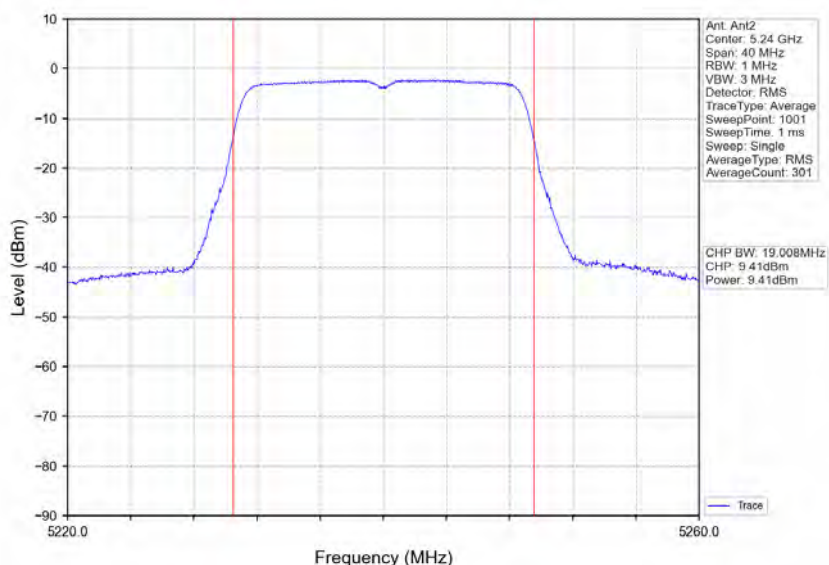
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802.11n(HT20)_HCH_5240MHz_Ant1_NTNV



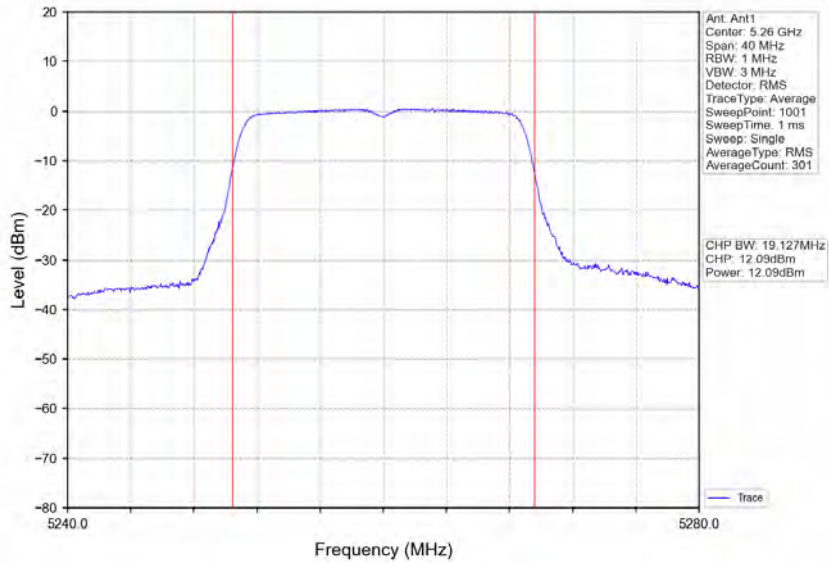
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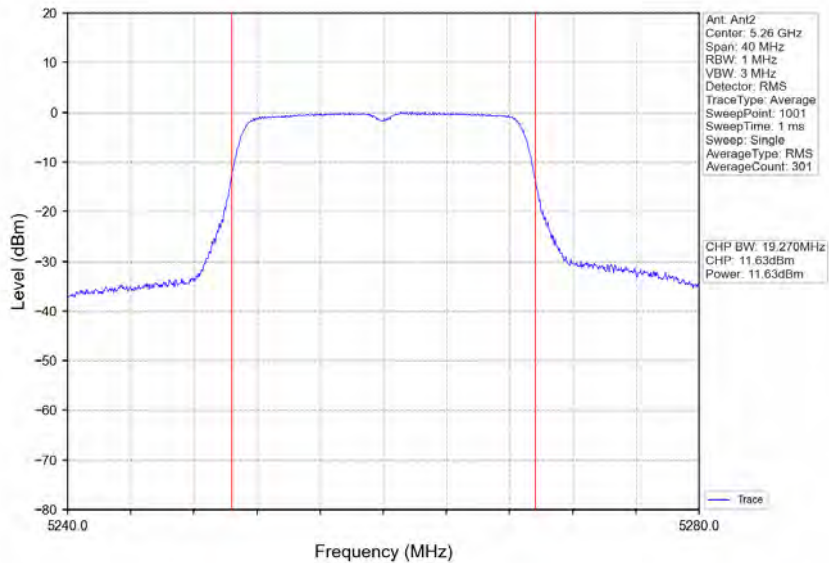
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802.11n(HT20)_LCH_5260MHz_Ant1_NTNV



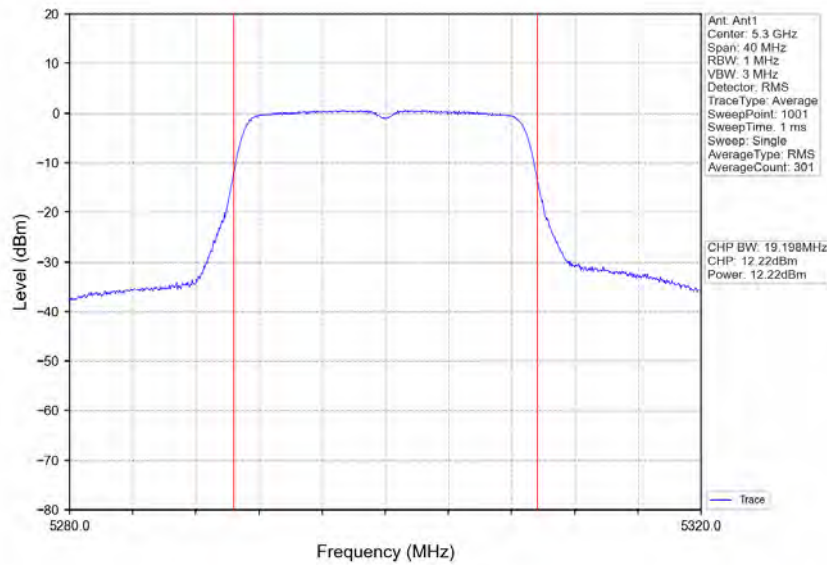
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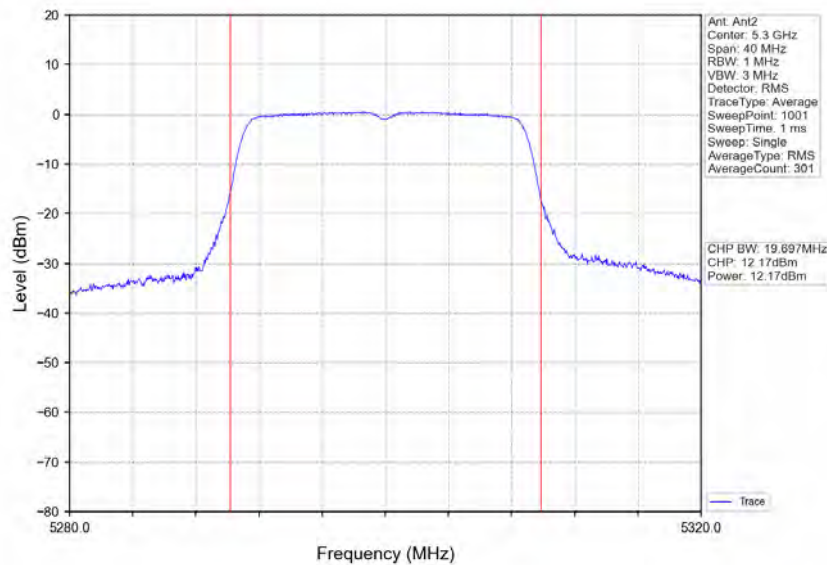
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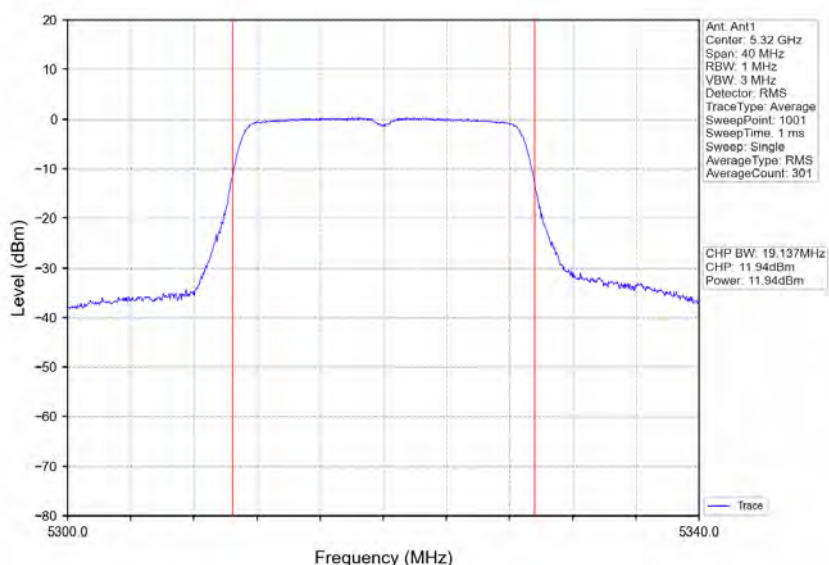
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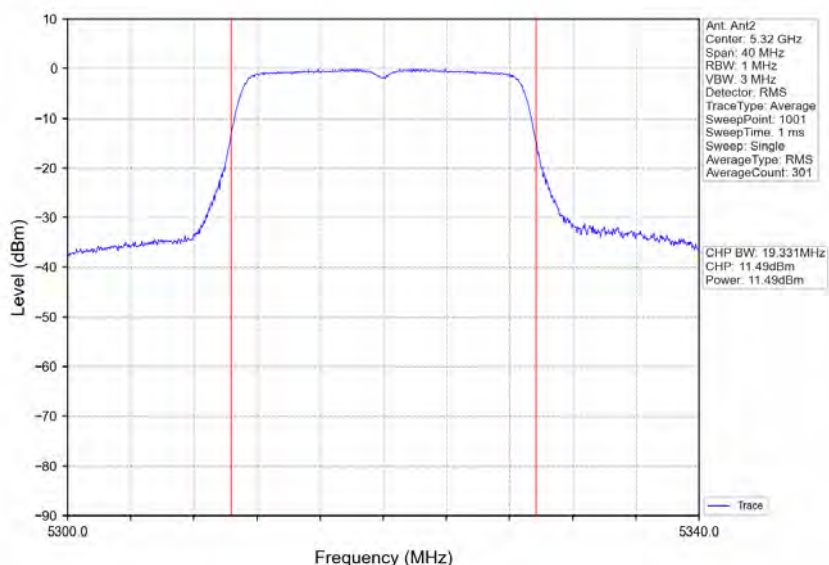
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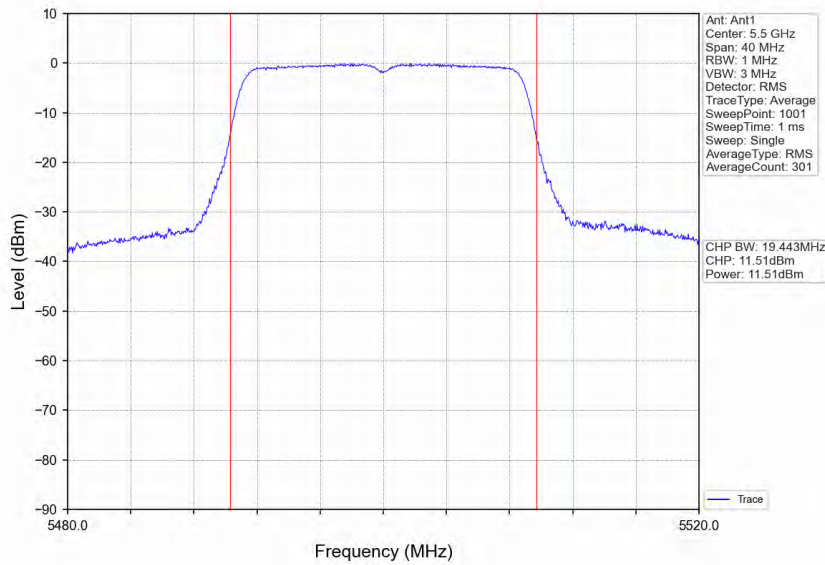
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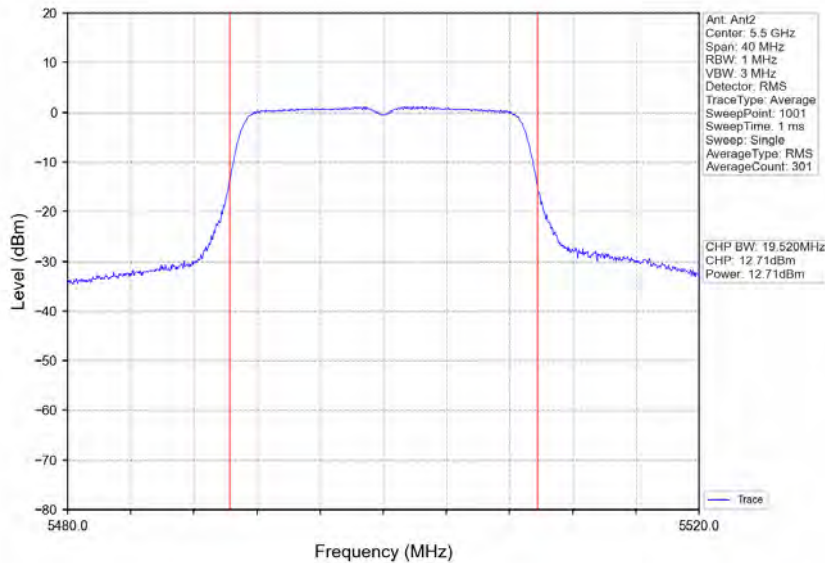
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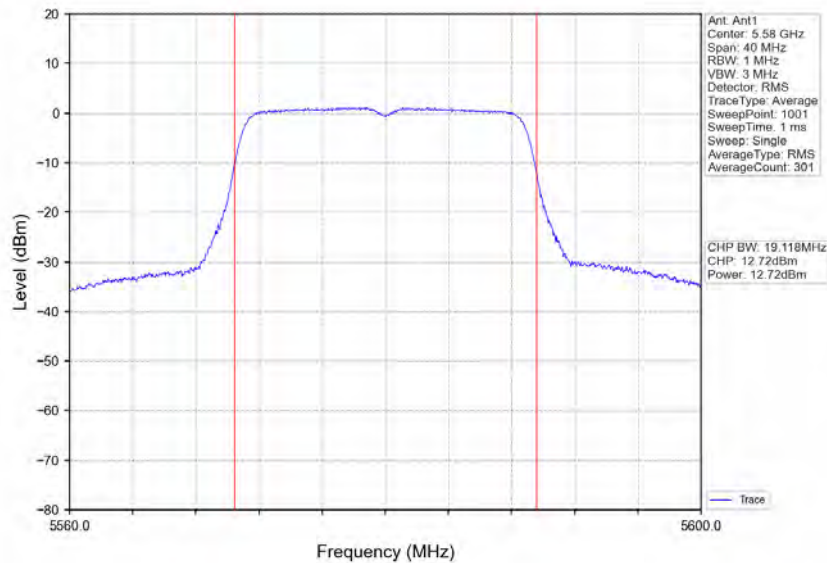
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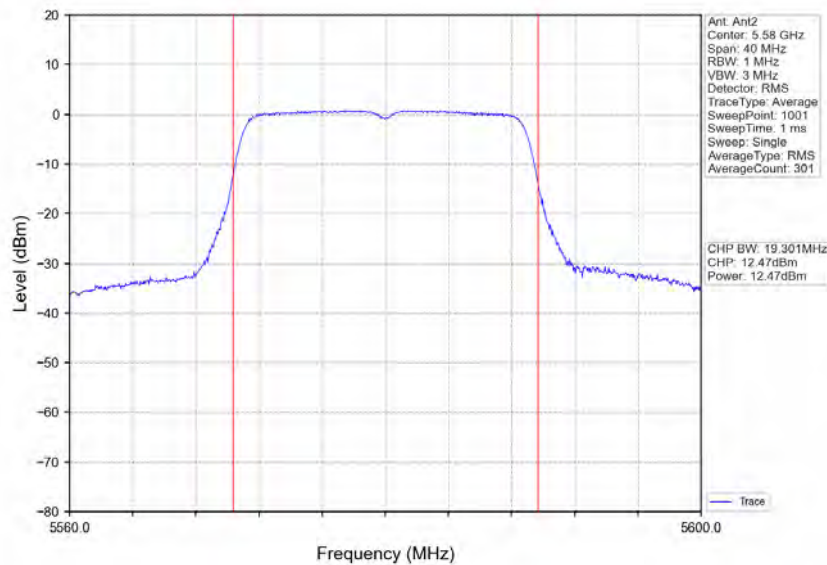
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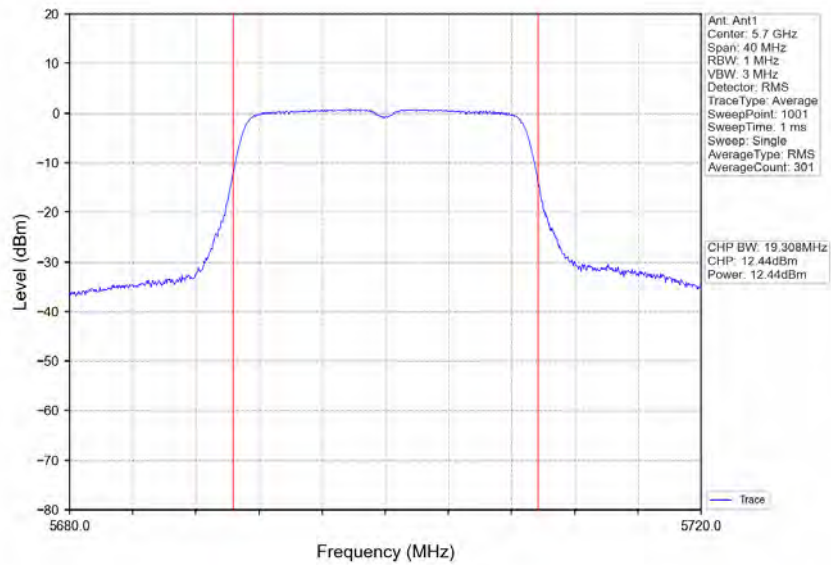
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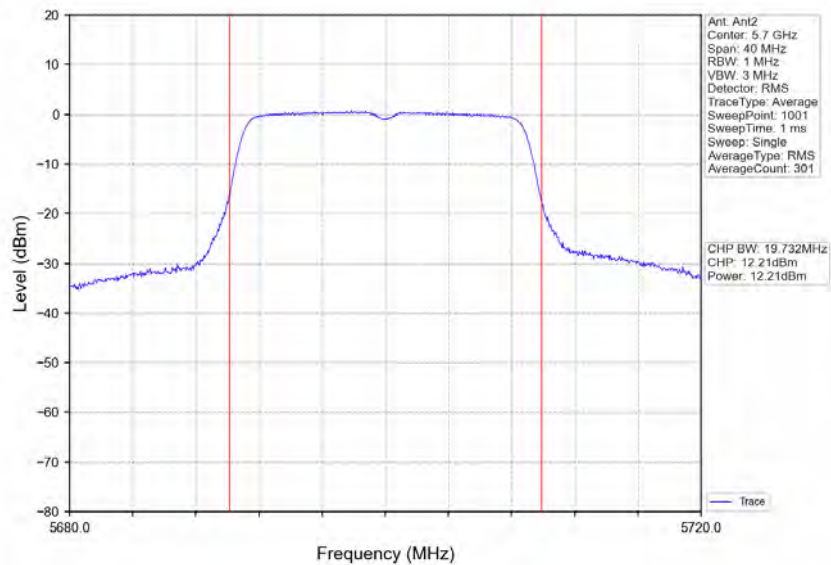
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802.11n(HT20)_HCH_5700MHz_Ant2_NTNV



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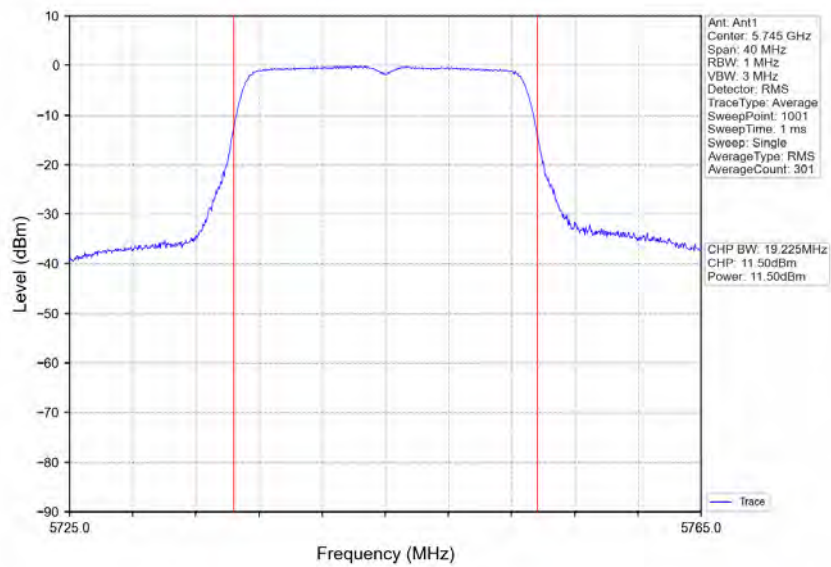
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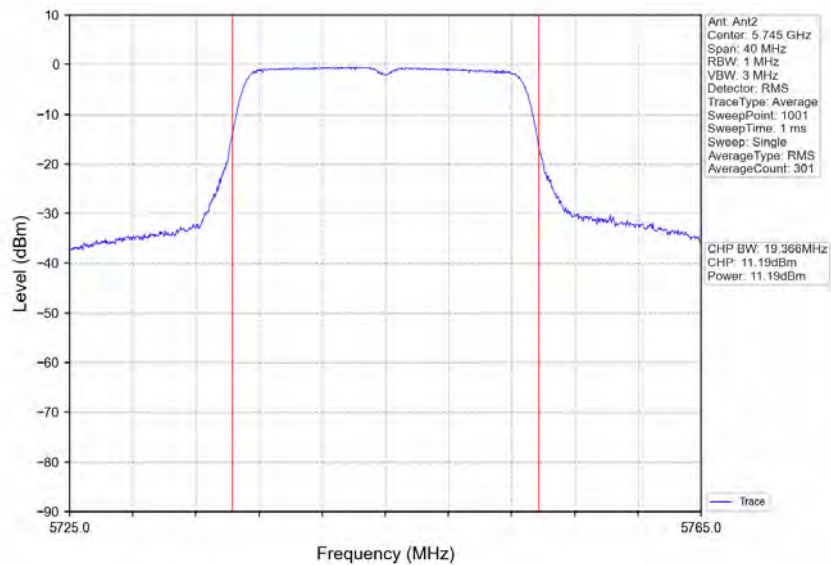
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802.11n(HT20)_LCH_5745MHz_Ant1_NTNV



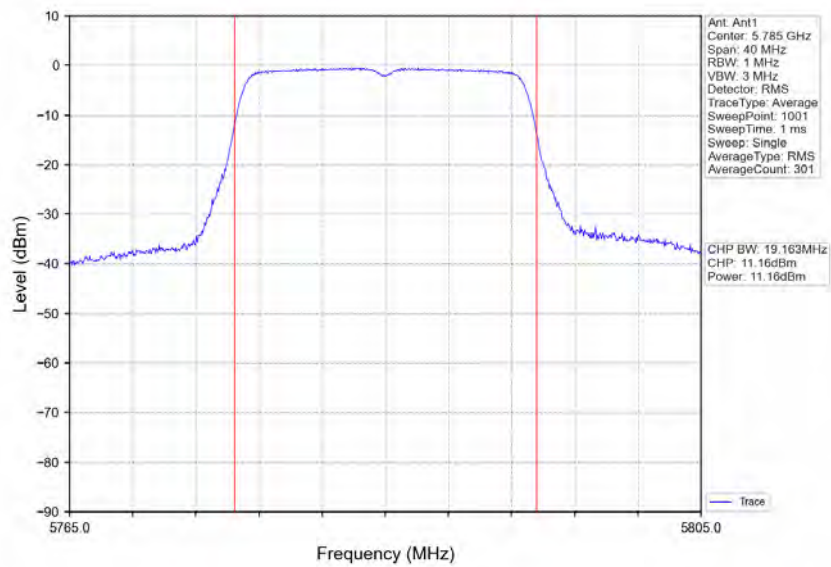
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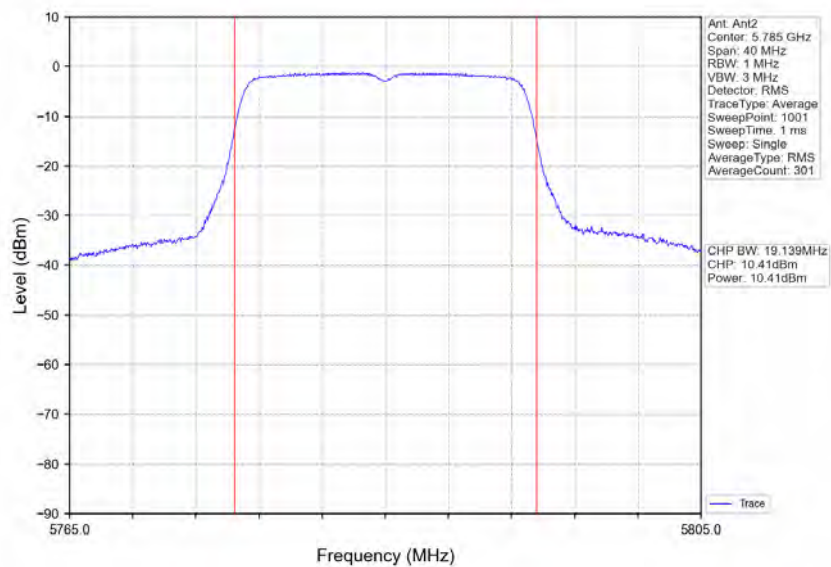
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802.11n(HT20)_MCH_5785MHz_Ant1_NTNV



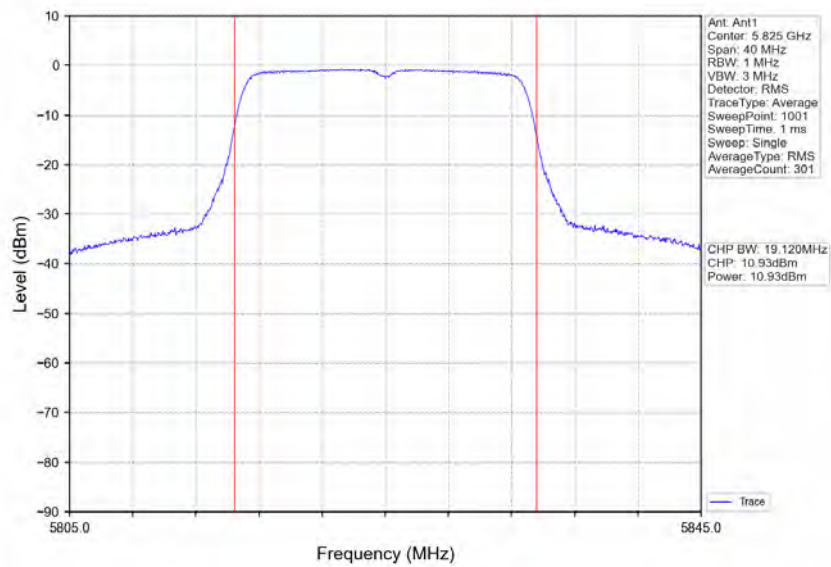
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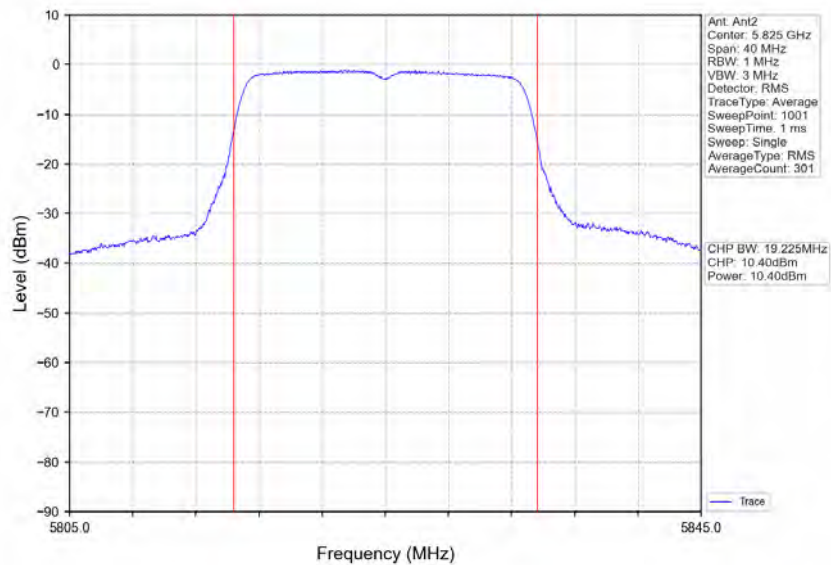
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802.11n(HT20)_HCH_5825MHz_Ant1_NTNV



802.11n(HT20)_HCH_5825MHz_Ant2_NTNV



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4. Maximum Power Spectral Density

4.1 PSD

4.1.1 Test Result

Mode	TX Type	Frequency (MHz)	Maximum PSD (dBm/MHz)			E.I.R.P PSD (dBm/MHz)			Verdict
			Ant1	Ant2	Limit	Ant1	Ant2	Limit	
802.11a	SISO	5180	0.61	0.63	<=11	4.19	4.21	<=10	Pass
		5200	0.64	-0.04	<=11	4.22	3.54	<=10	Pass
		5240	-0.33	-0.82	<=11	3.25	2.76	<=10	Pass
		5260	0.93	0.31	<=11	/	/	/	Pass
		5300	1.01	-0.15	<=11	/	/	/	Pass
		5320	0.67	0.54	<=11	/	/	/	Pass
		5500	0.21	1.49	<=11	/	/	/	Pass
		5580	1.41	2.05	<=11	/	/	/	Pass
802.11n (HT20)	SISO	5180	0.72	0.46	<=11	4.30	4.04	<=10	Pass
		5200	0.15	-1.45	<=11	3.73	2.13	<=10	Pass
		5240	-0.49	-2.08	<=11	3.09	1.50	<=10	Pass
		5260	0.57	-0.87	<=11	/	/	/	Pass
		5300	0.73	0.61	<=11	/	/	/	Pass
		5320	0.47	-0.02	<=11	/	/	/	Pass
		5500	0.00	1.20	<=11	/	/	/	Pass
		5580	1.19	0.89	<=11	/	/	/	Pass
		5700	0.92	0.67	<=11	/	/	/	Pass

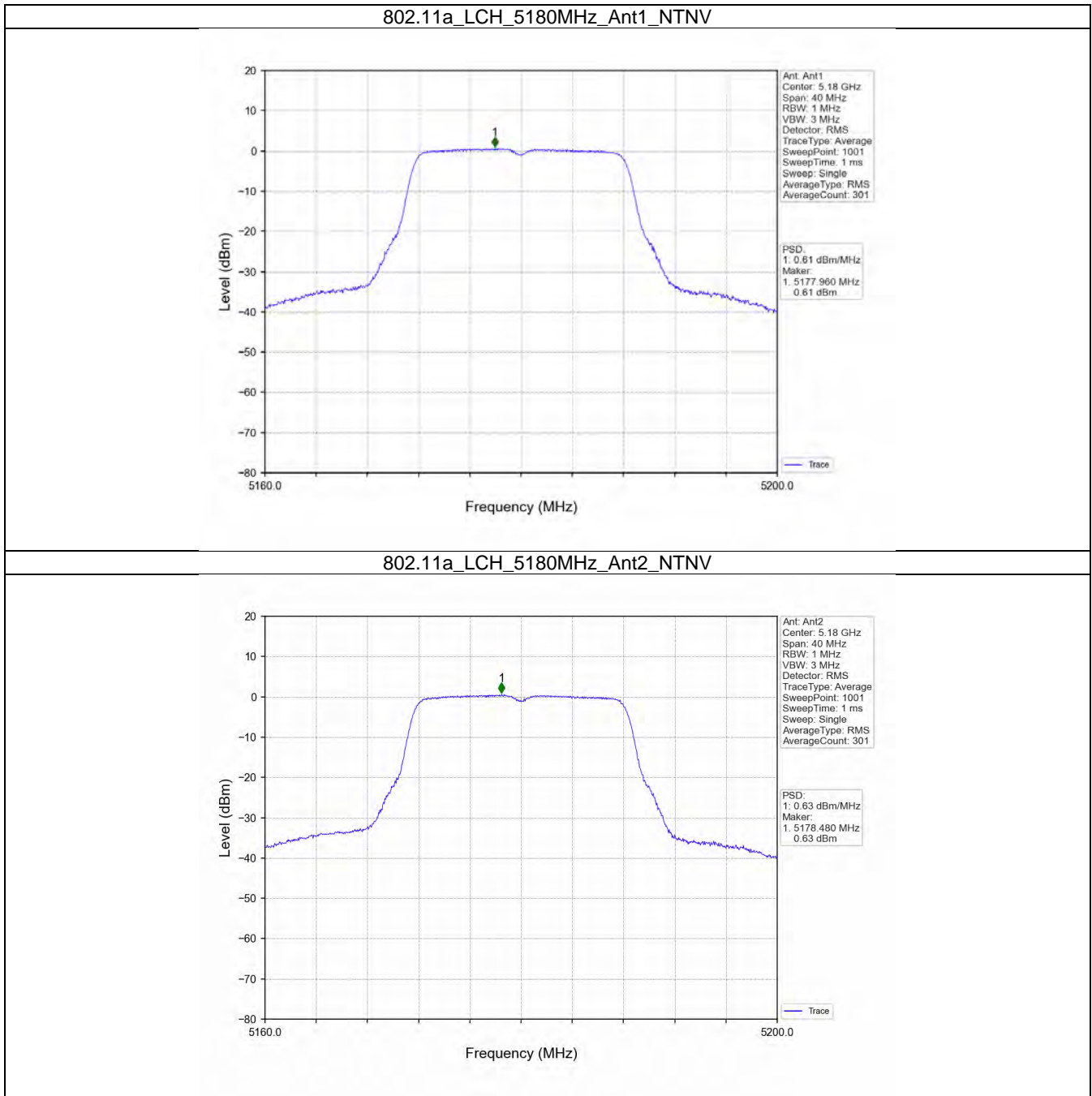
Note1: Antenna Gain: Ant1: 3.58dBi; Ant2: 3.58dBi;



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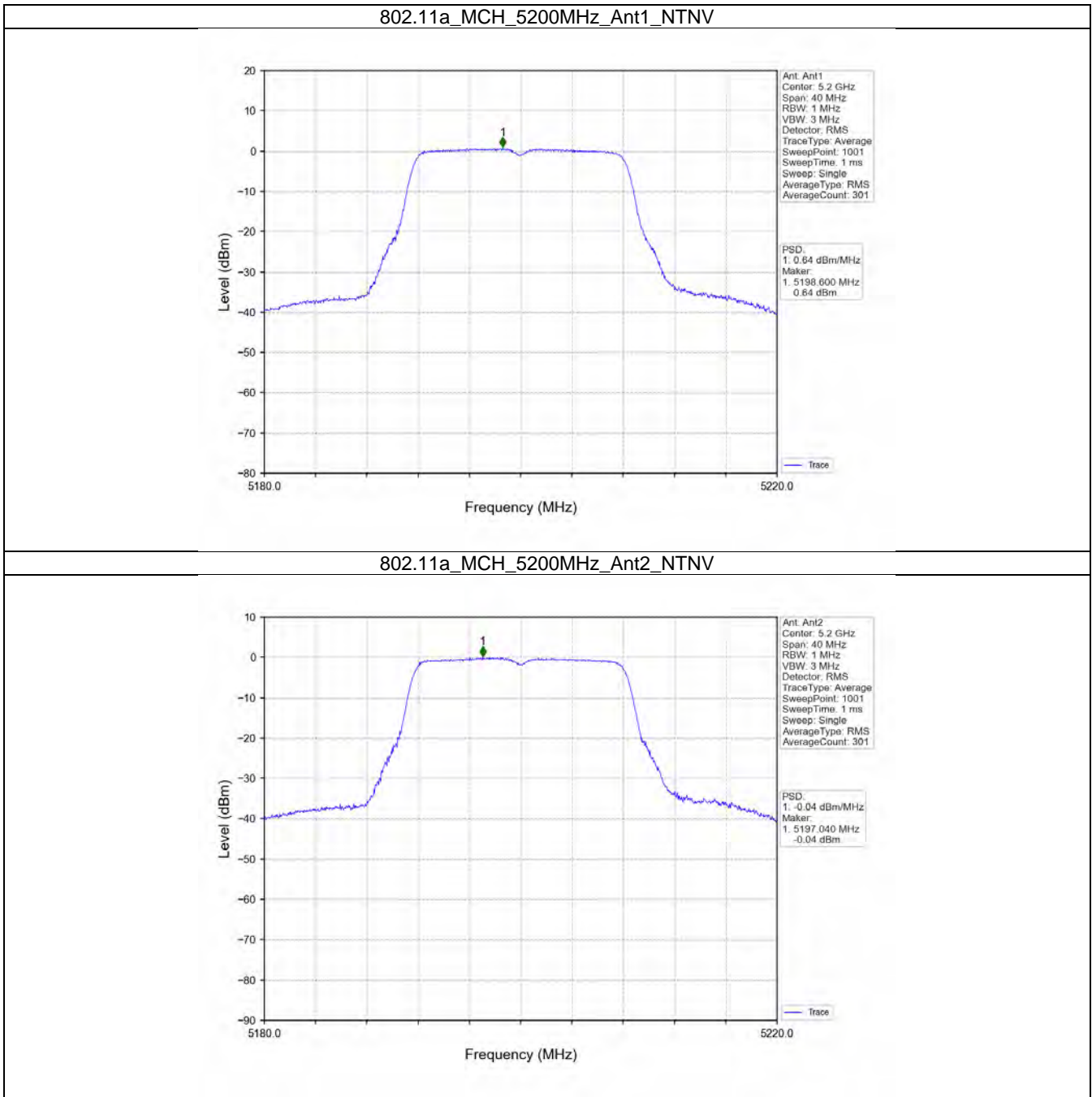
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4.1.2 Test Graph



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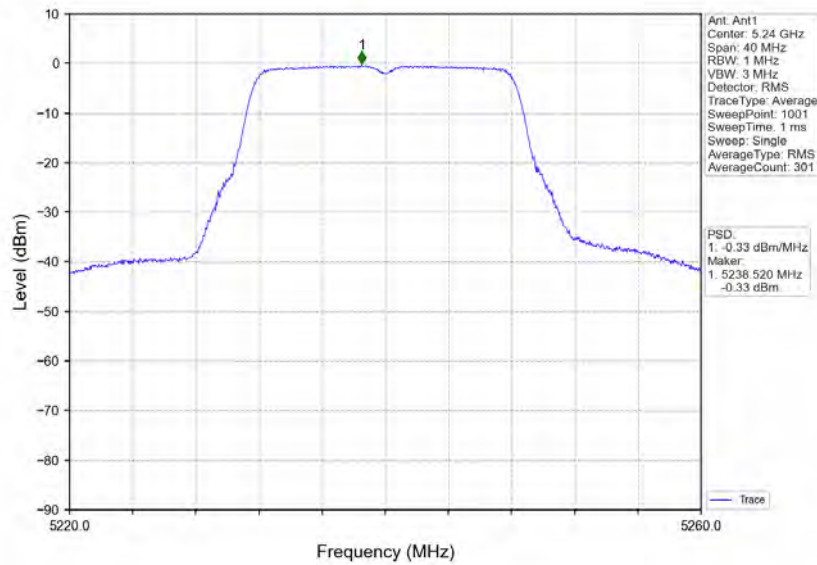
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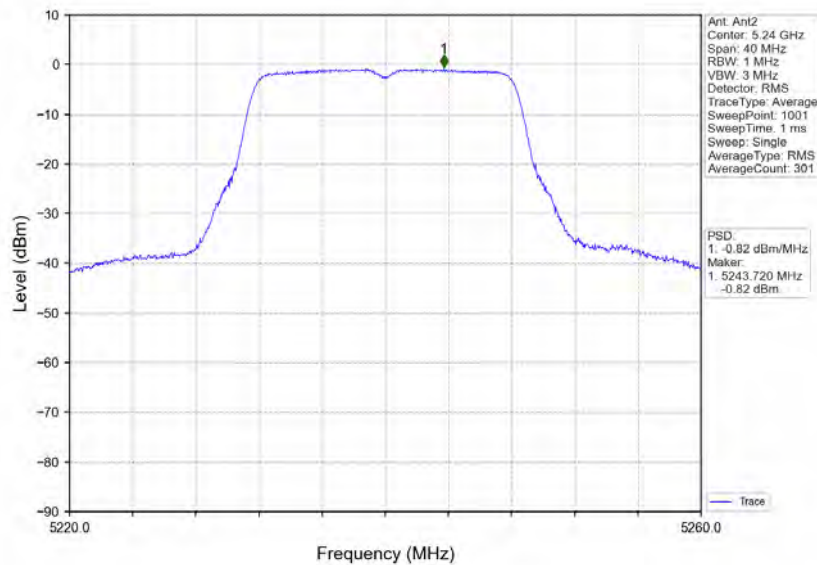
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802.11a_HCH_5240MHz_Ant1_NTNV



802.11a_HCH_5240MHz_Ant2_NTNV



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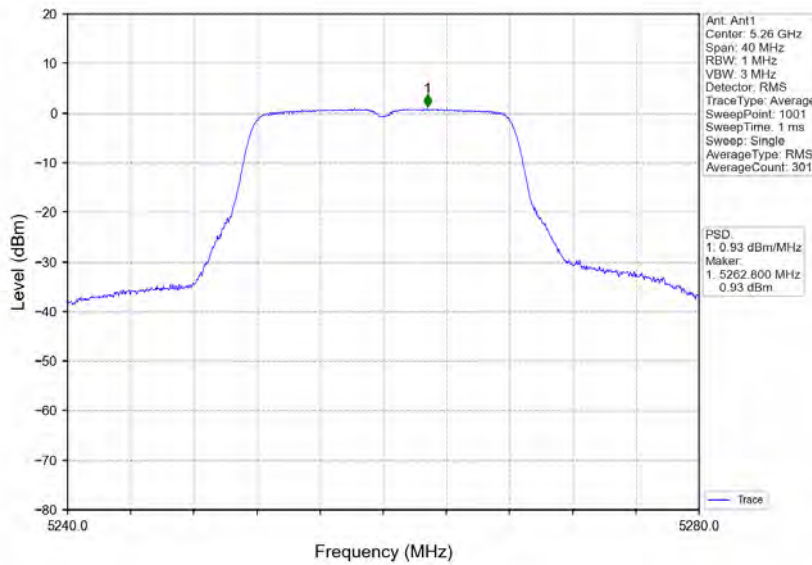
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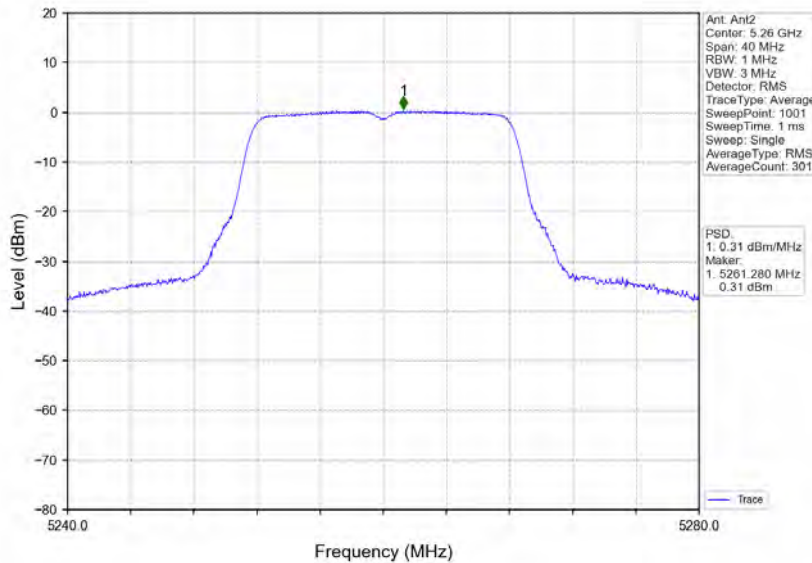
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802.11a_LCH_5260MHz_Ant1_NTNV



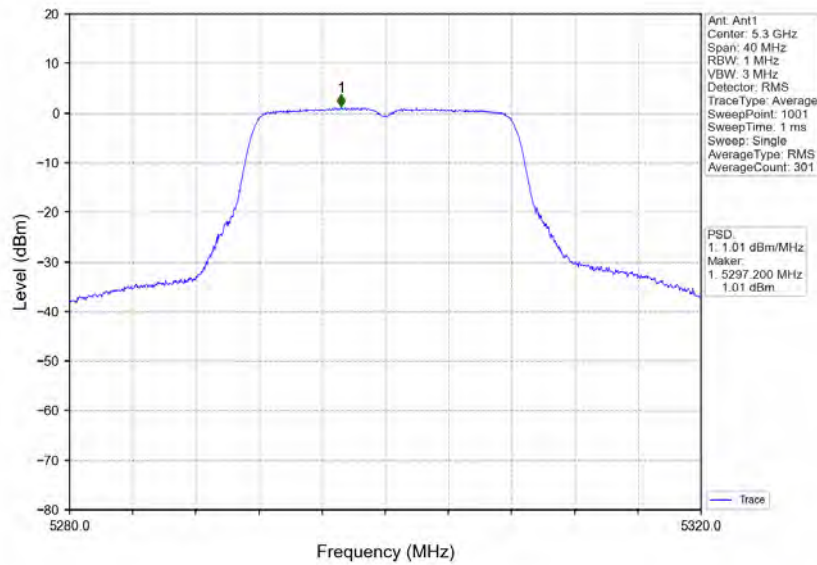
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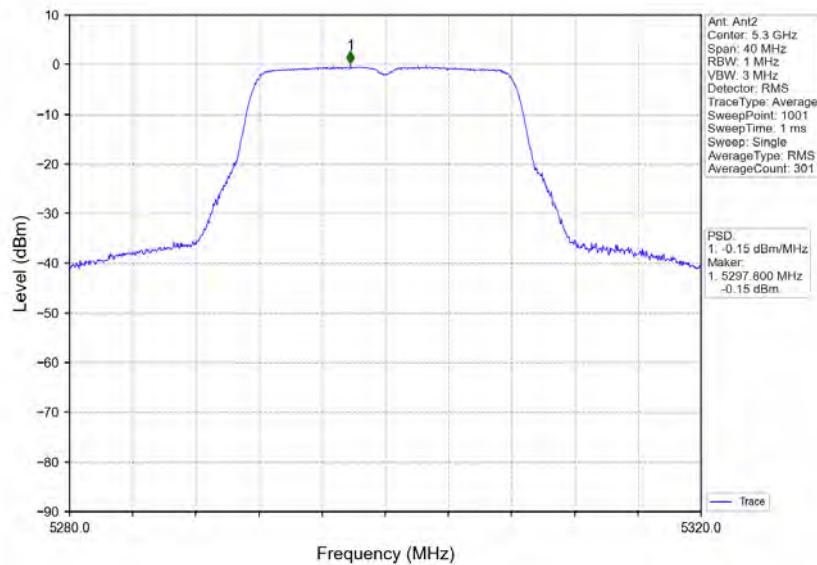
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802.11a_MCH_5300MHz_Ant1_NTNV



802.11a_MCH_5300MHz_Ant2_NTNV



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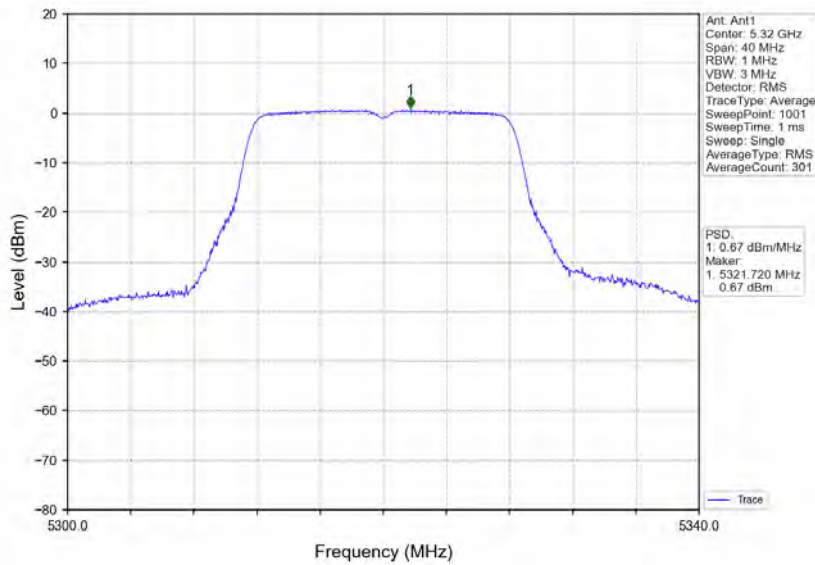
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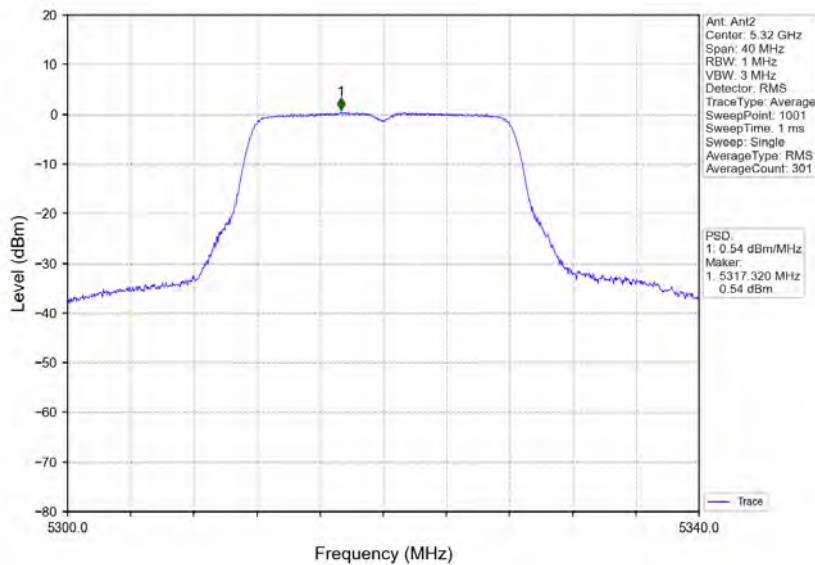
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802.11a_HCH_5320MHz_Ant1_NTNV



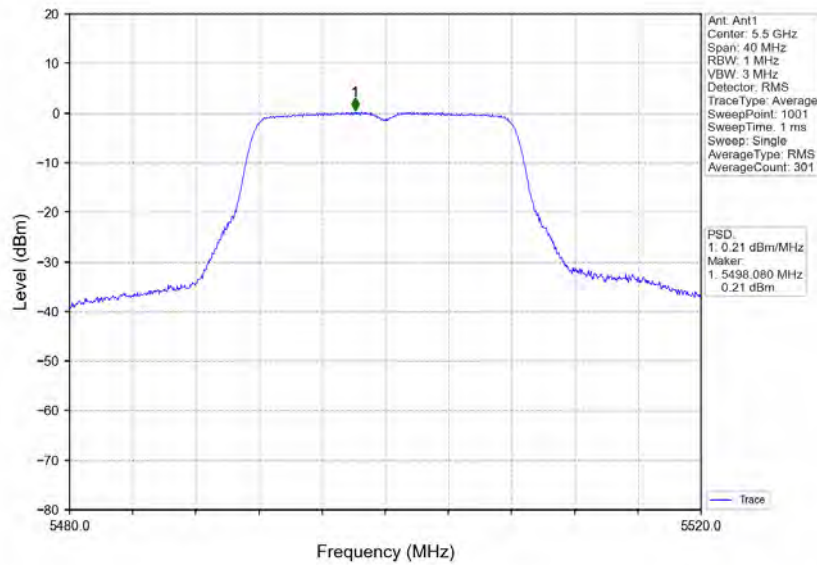
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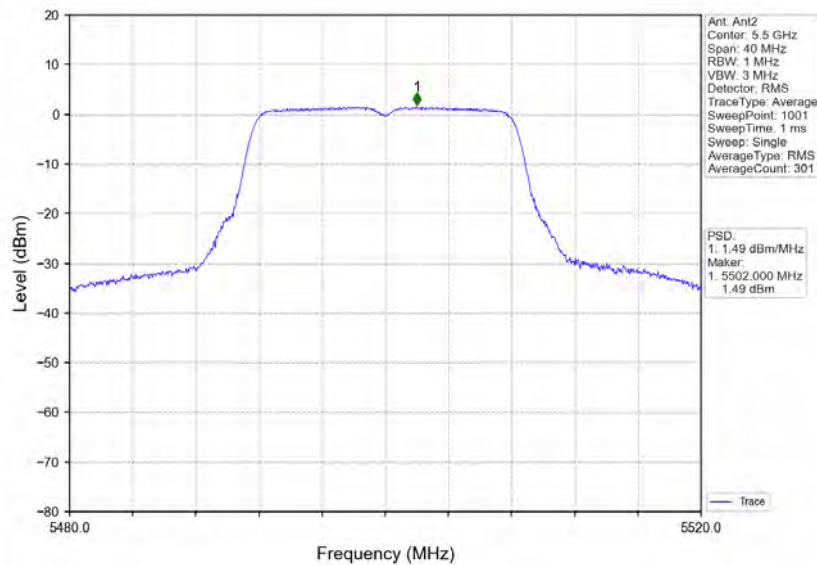
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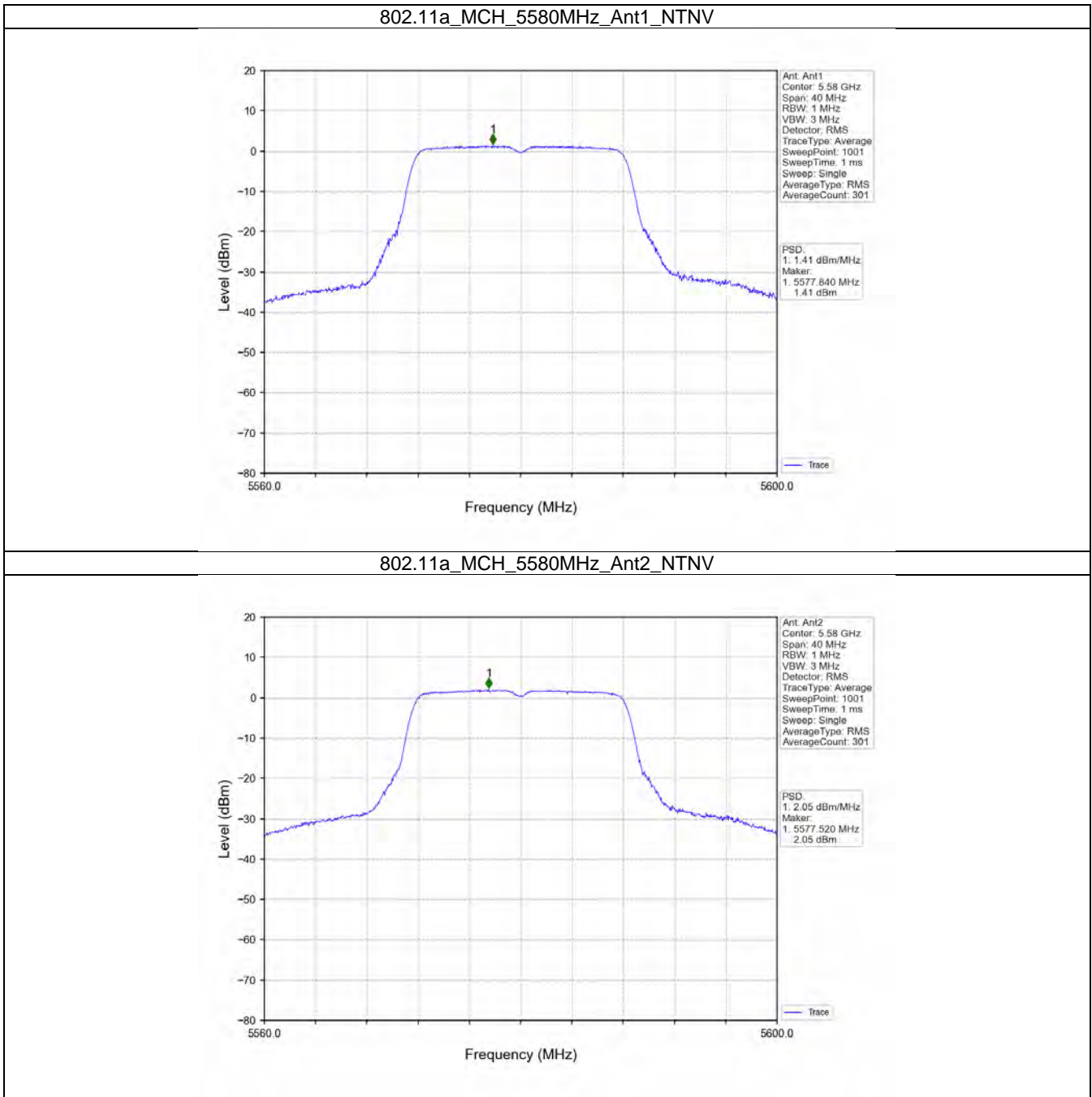


802.11a_LCH_5500MHz_Ant2_NTNV



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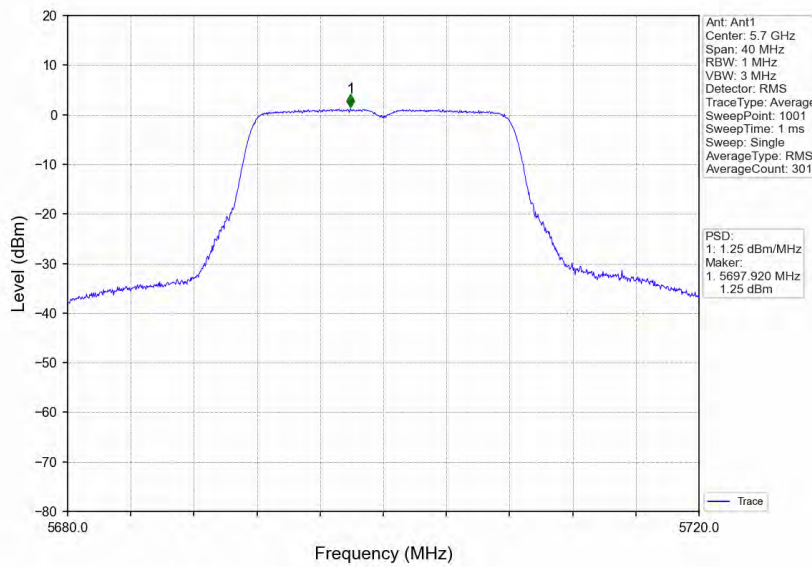
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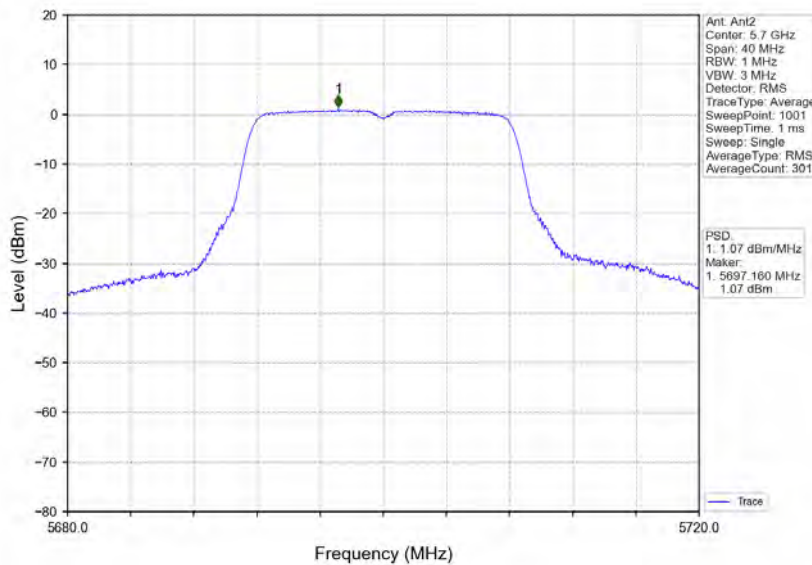
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802.11a_HCH_5700MHz_Ant1_NTNV

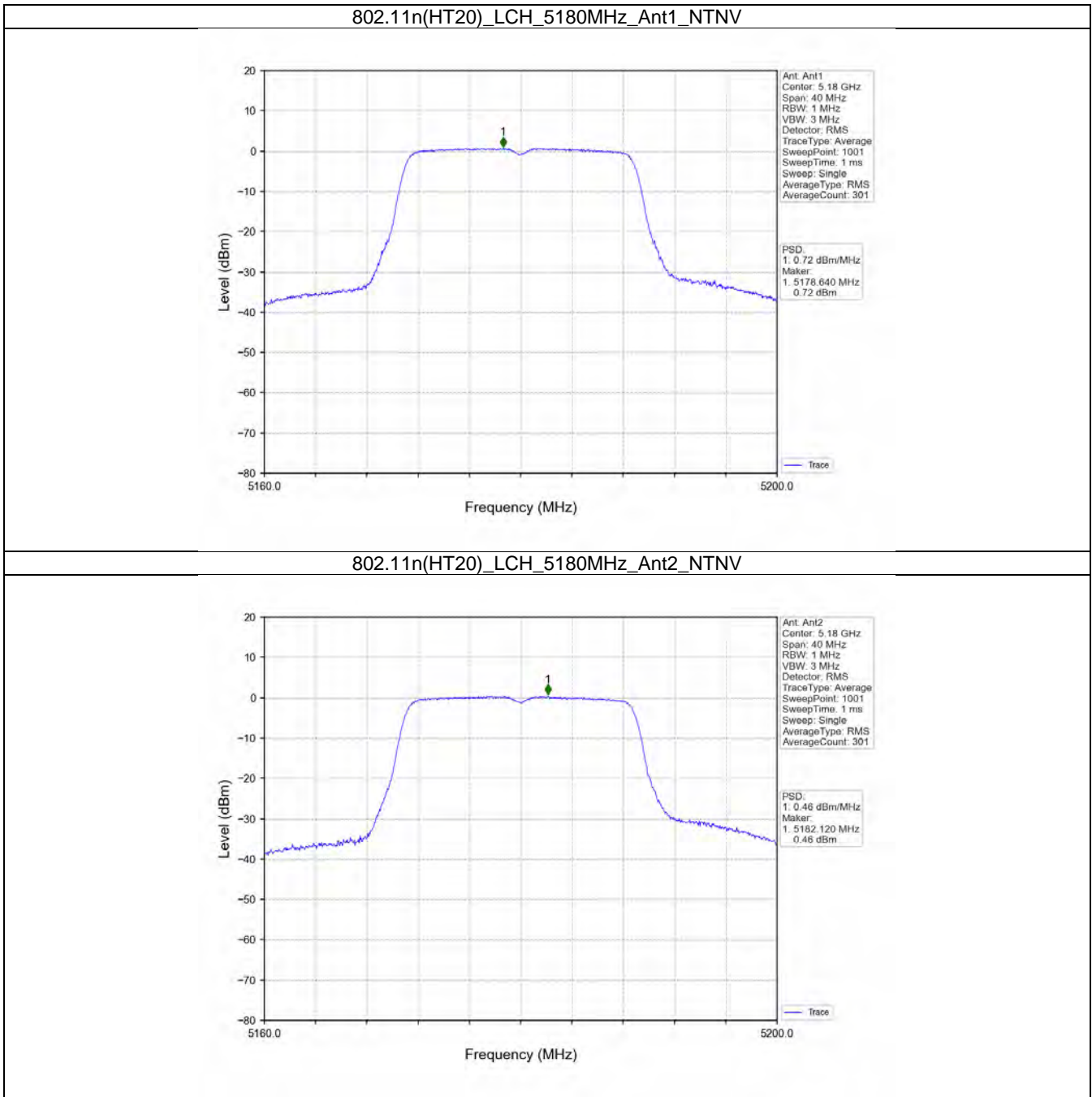


802.11a_HCH_5700MHz_Ant2_NTNV



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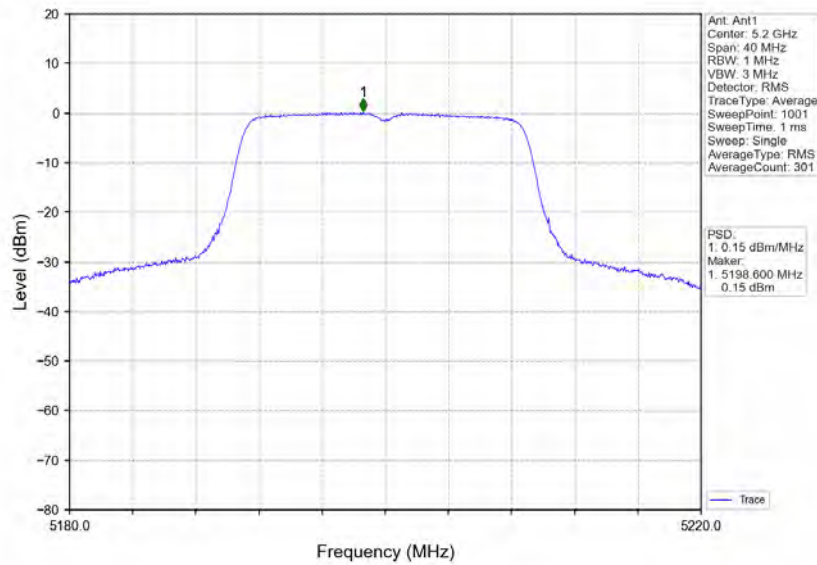
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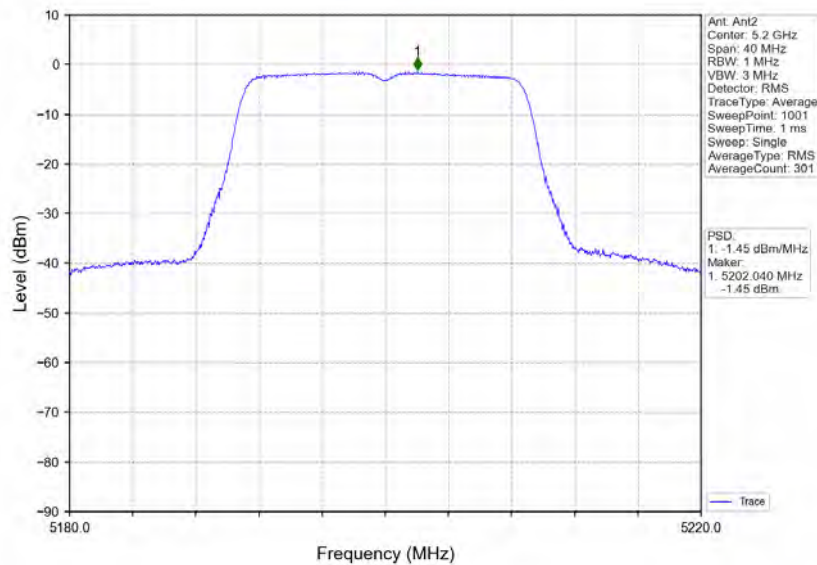
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802.11n(HT20)_MCH_5200MHz_Ant1_NTNV



802.11n(HT20)_MCH_5200MHz_Ant2_NTNV



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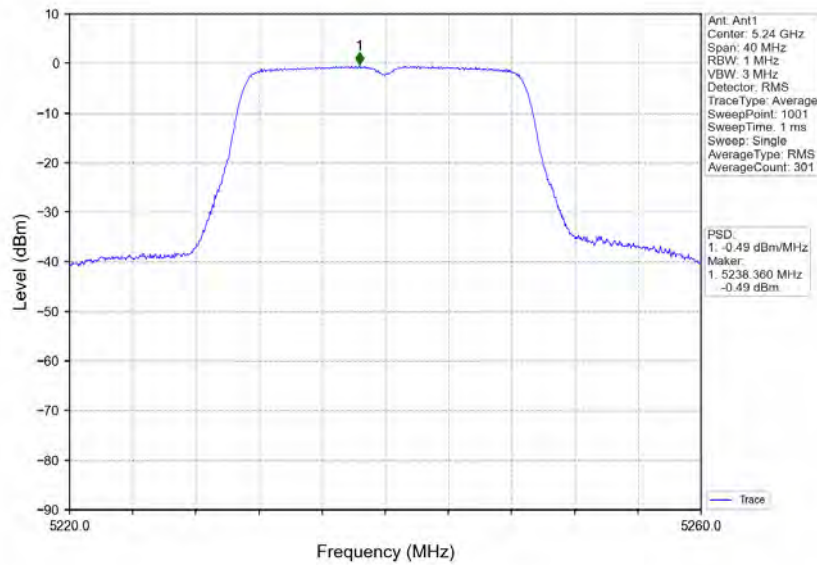
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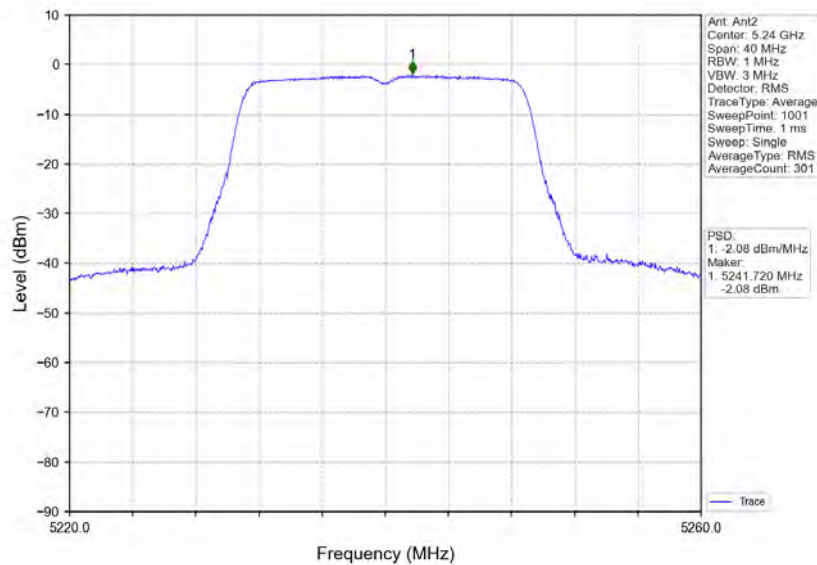
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802.11n(HT20)_HCH_5240MHz_Ant1_NTNV



802.11n(HT20)_HCH_5240MHz_Ant2_NTNV



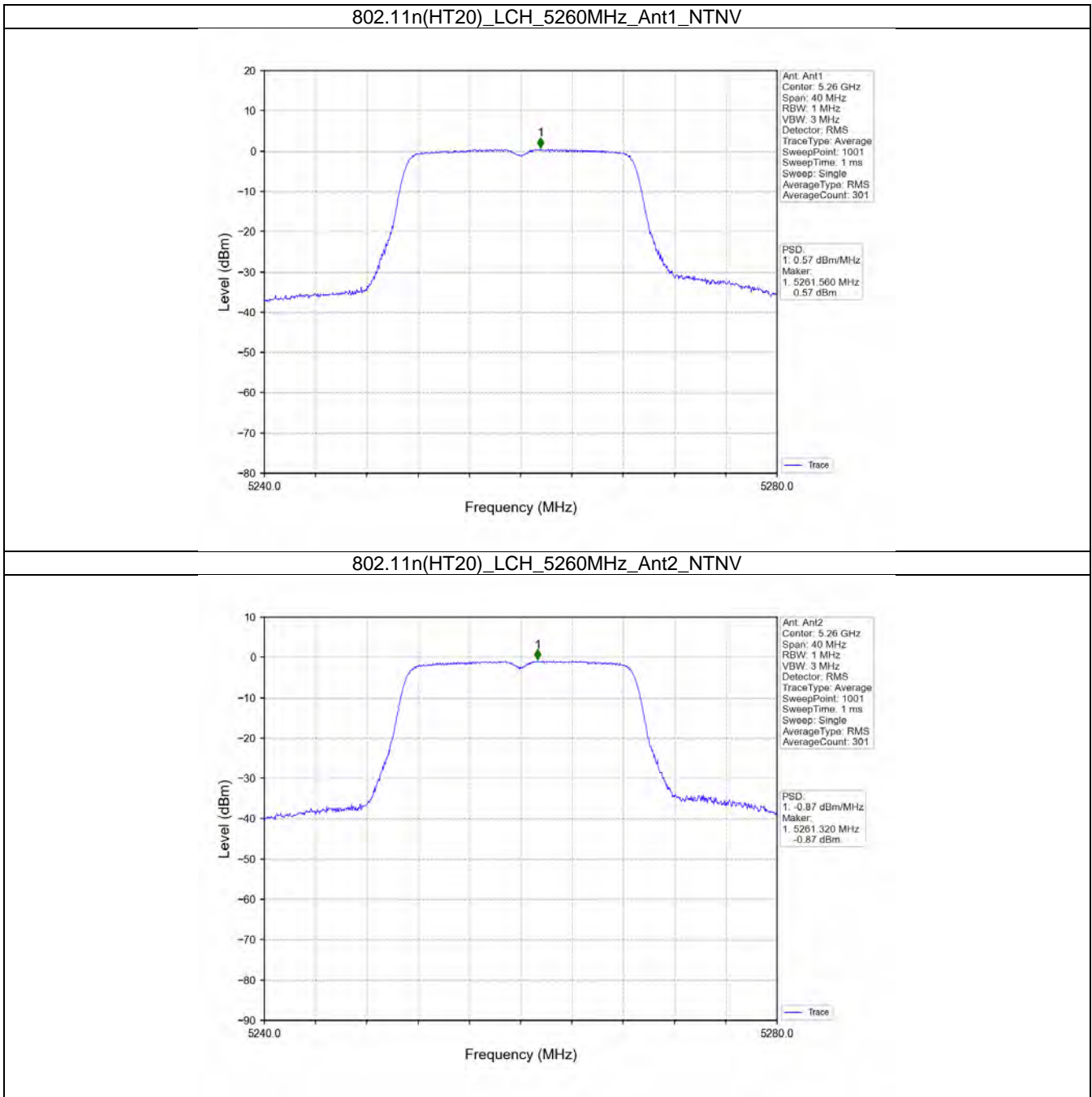
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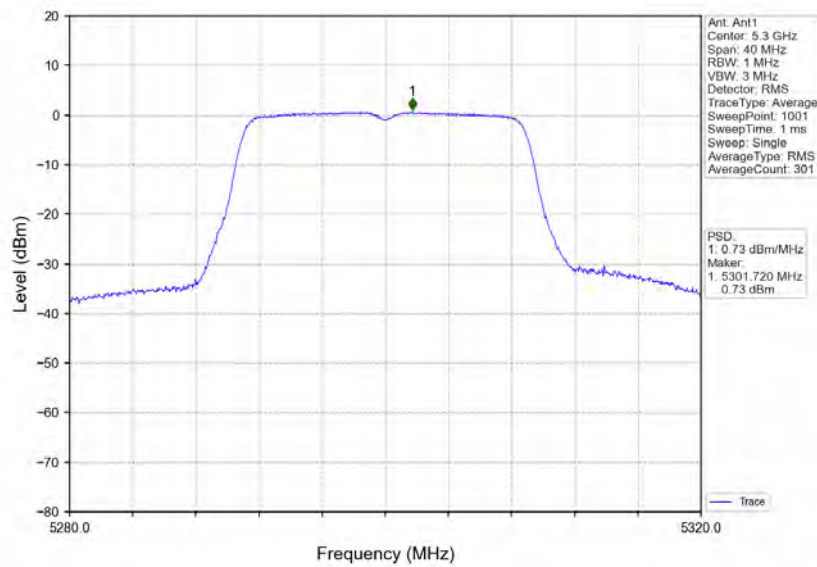
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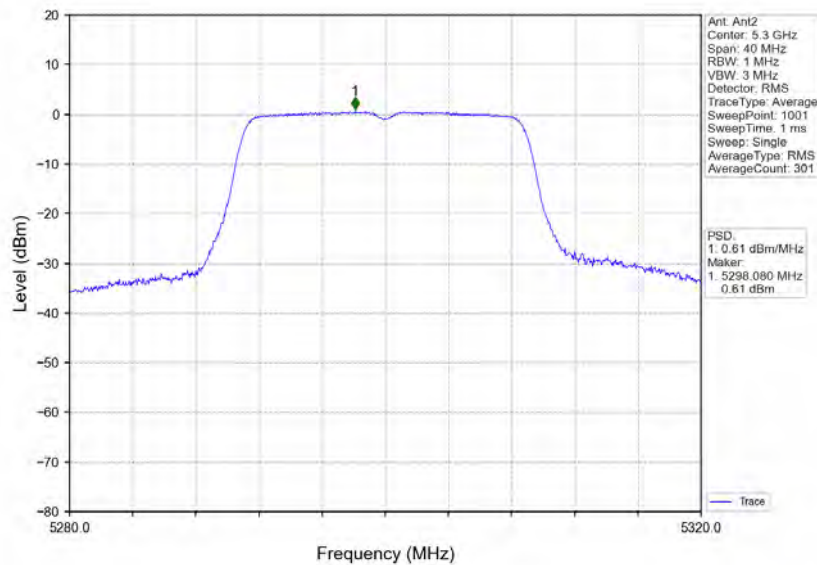
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802.11n(HT20)_MCH_5300MHz_Ant1_NTNV



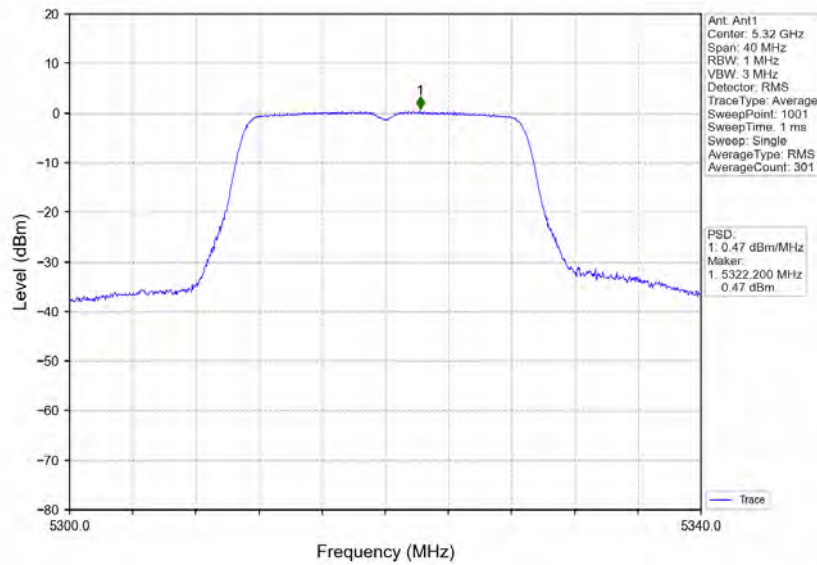
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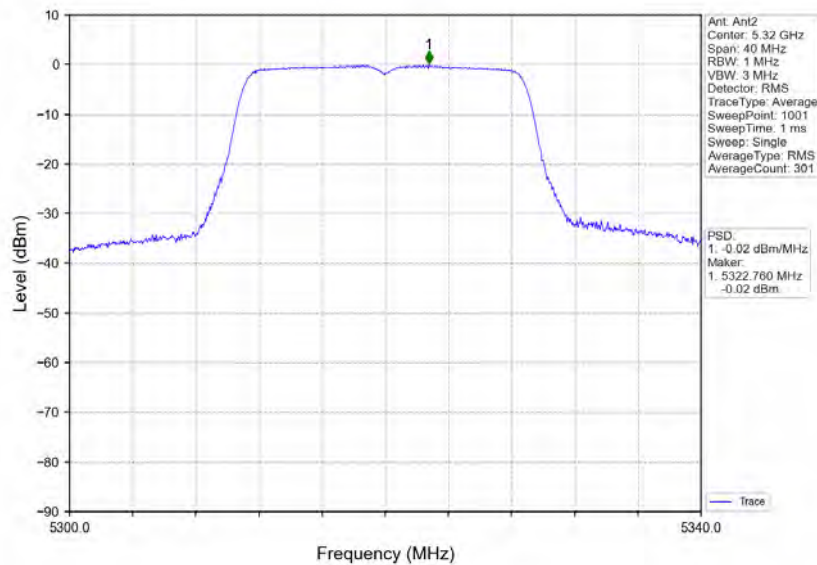
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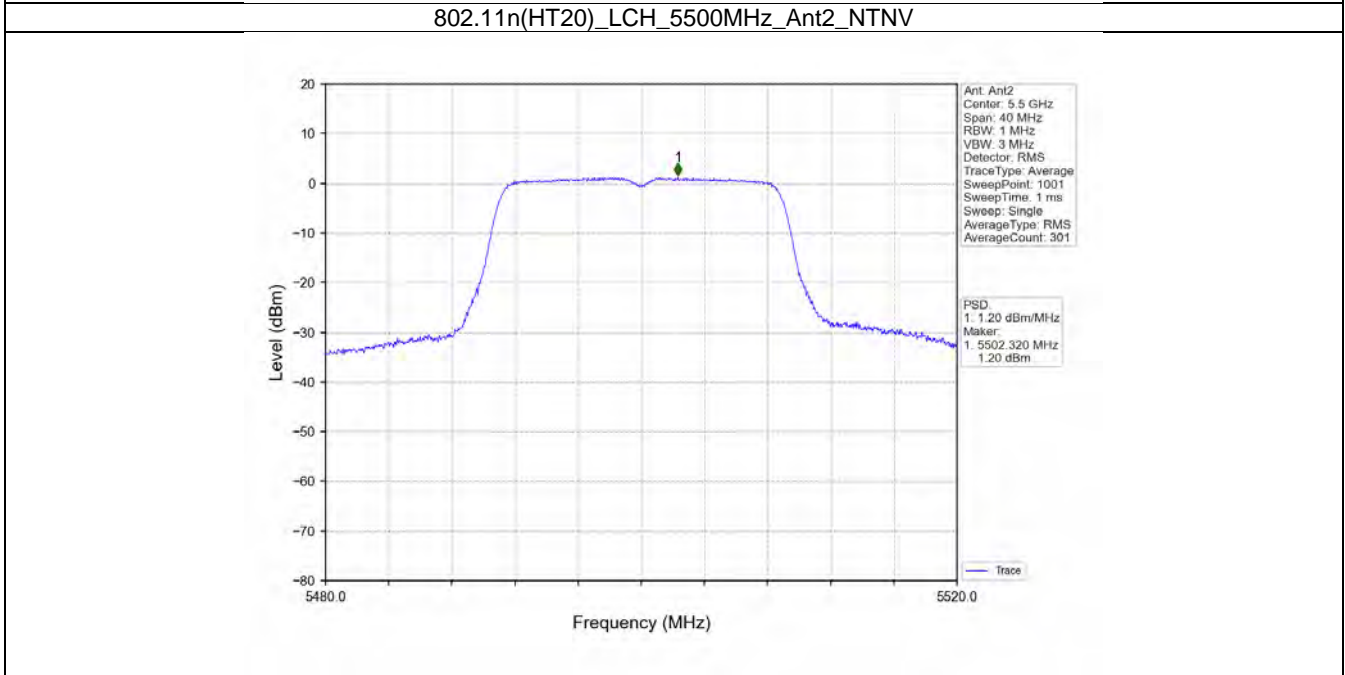
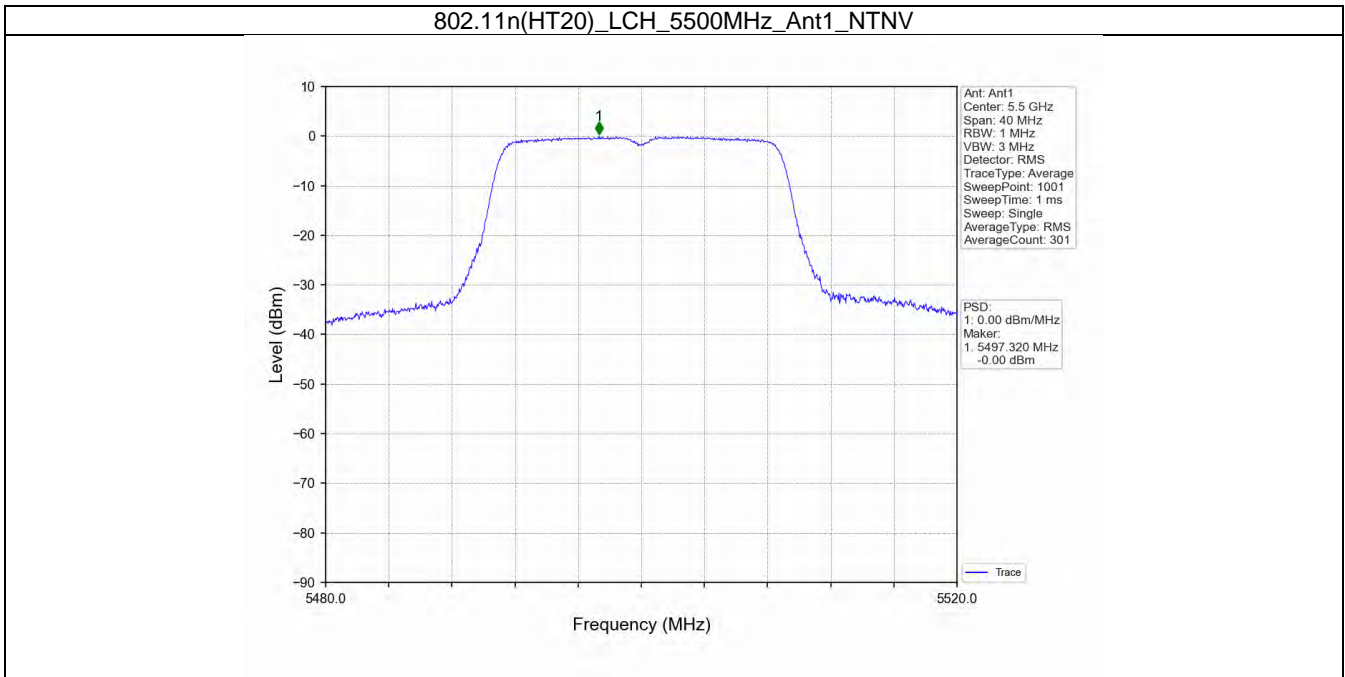
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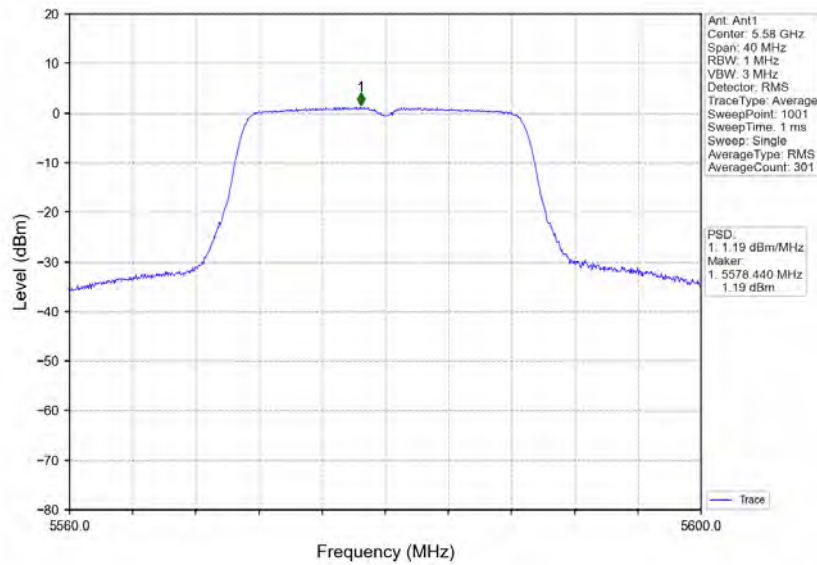
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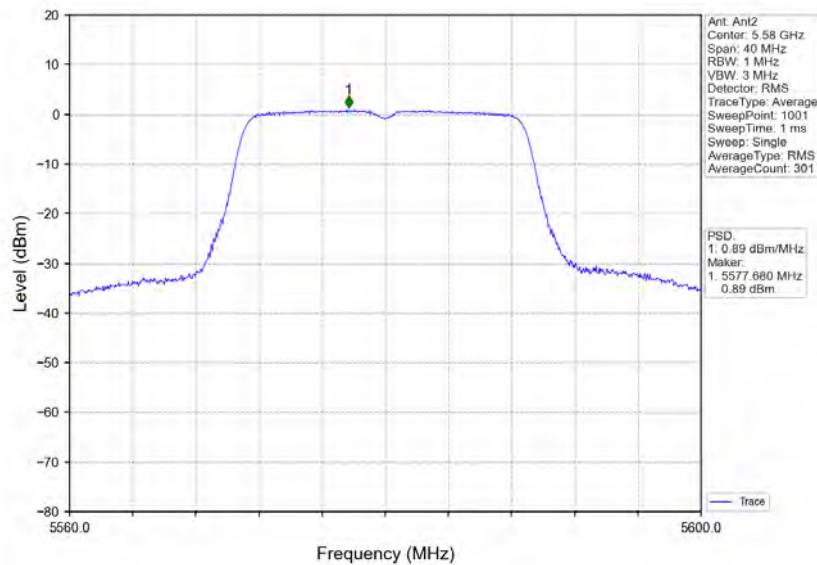
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802.11n(HT20)_MCH_5580MHz_Ant1_NTNV



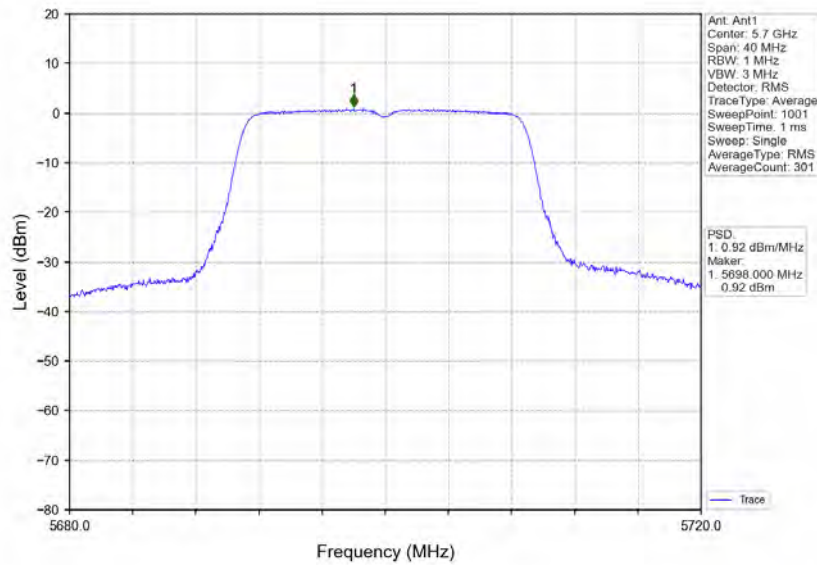
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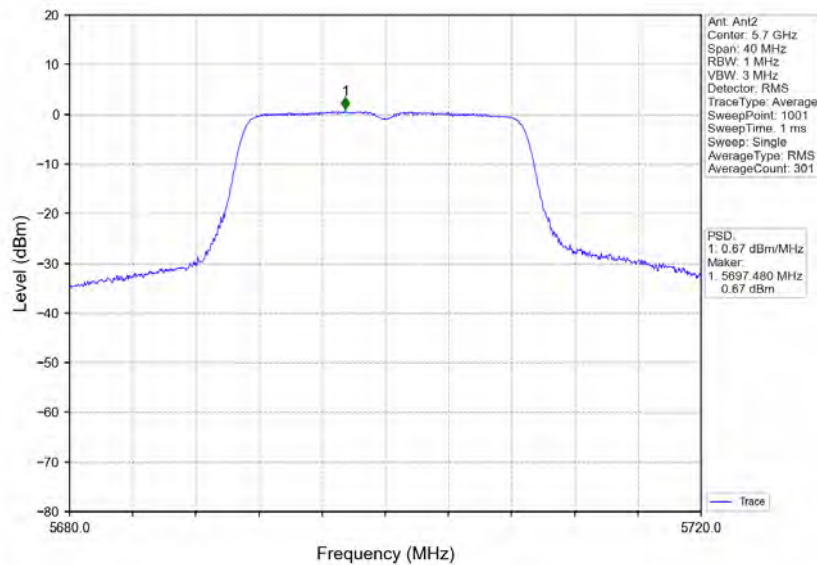
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4.2 PSD-Band3

4.2.1 Test Result

Mode	TX Type	Frequency (MHz)	Maximum PSD (dBm/500kHz)			Verdict
			Ant1	Ant2	Limit	
802.11a	SISO	5745	-2.69	-2.77	<=30	Pass
		5785	-2.89	-2.85	<=30	Pass
		5825	-3.26	-2.95	<=30	Pass
802.11n (HT20)	SISO	5745	-3.06	-3.31	<=30	Pass
		5785	-3.19	-4.09	<=30	Pass
		5825	-3.55	-3.95	<=30	Pass

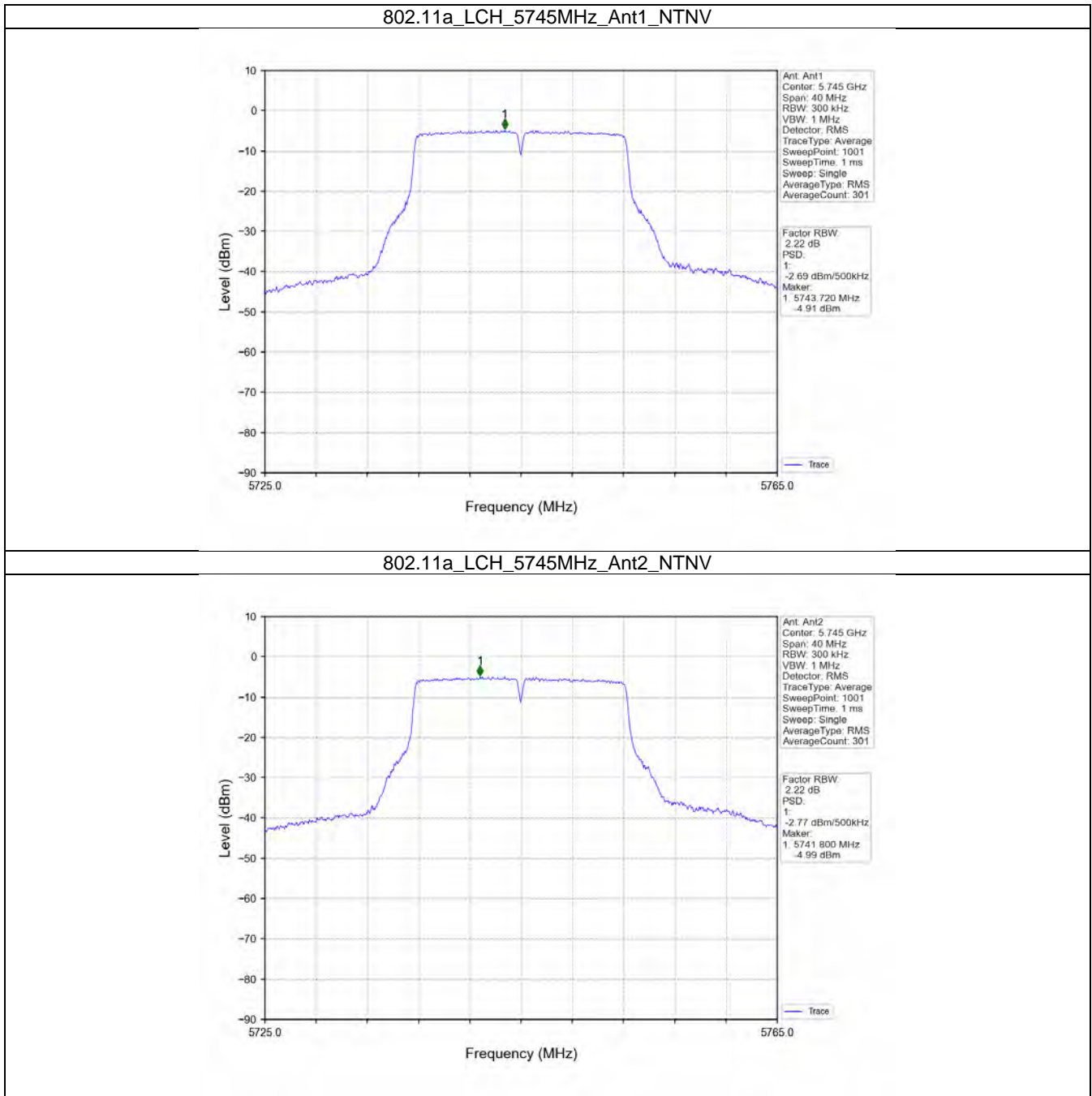
Note1: Antenna Gain: Ant1: 3.58dBi; Ant2: 3.58dBi;



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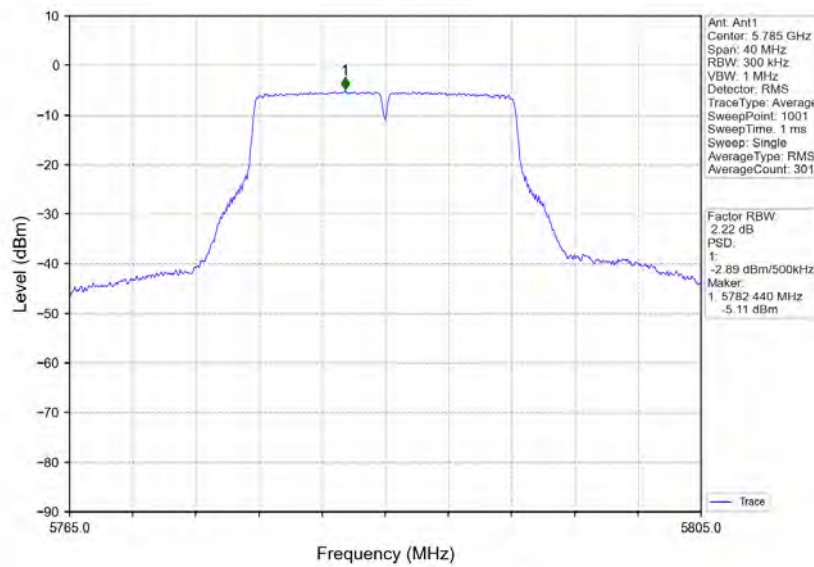
4.2.2 Test Graph



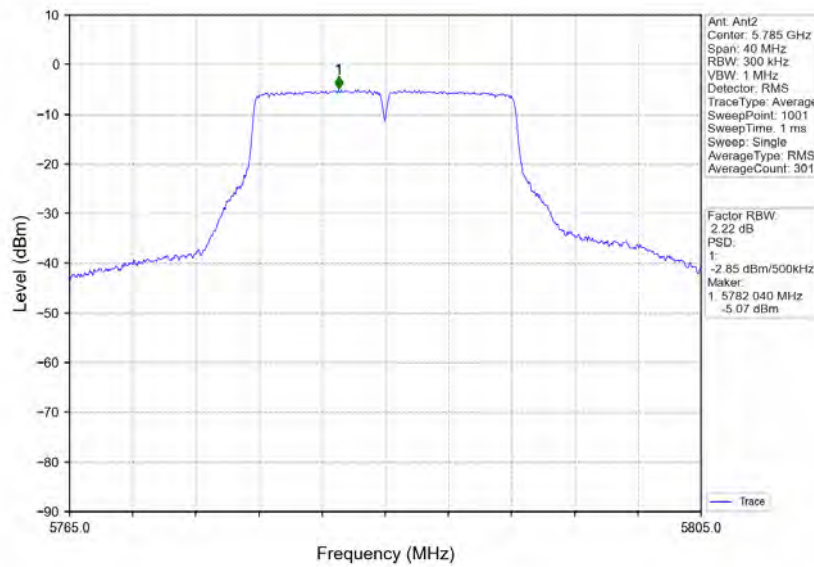
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802.11a_MCH_5785MHz_Ant1_NTNV



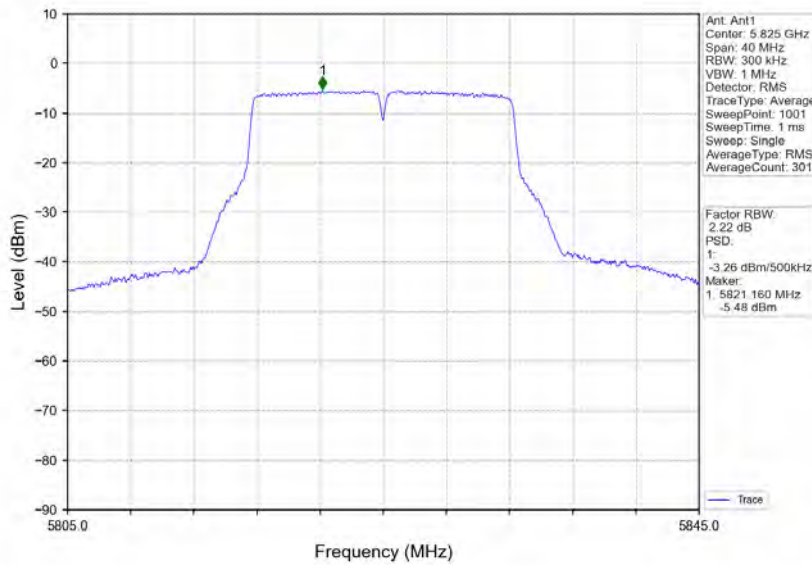
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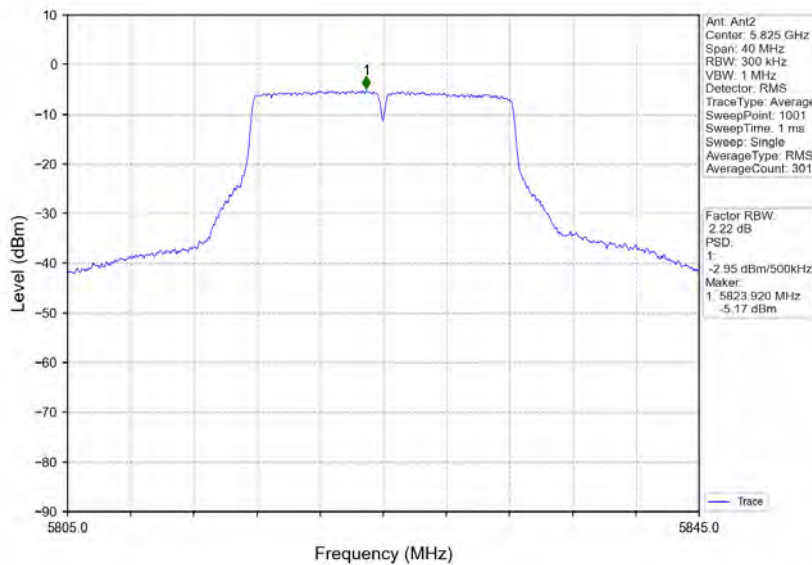
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802.11a_HCH_5825MHz_Ant1_NTNV



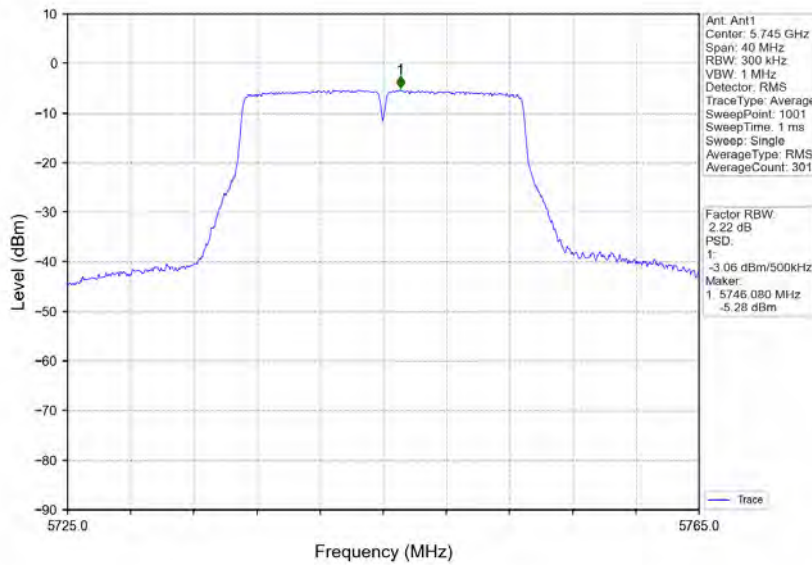
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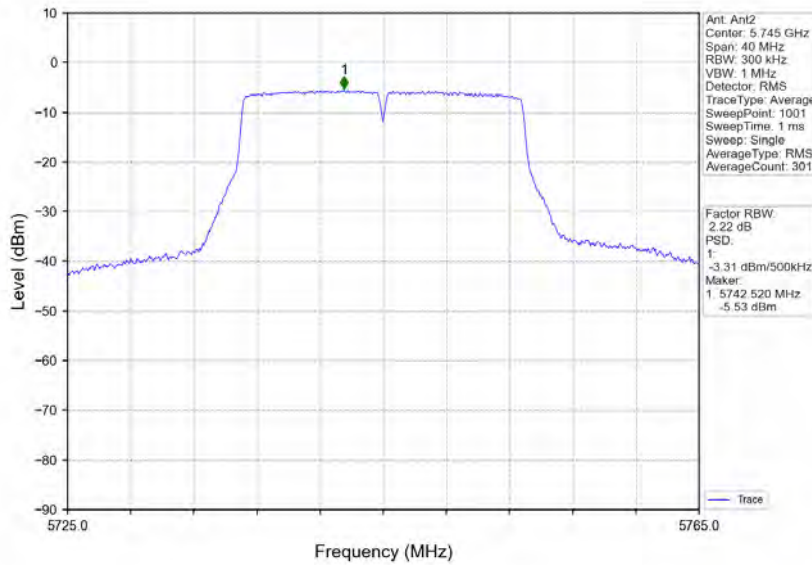
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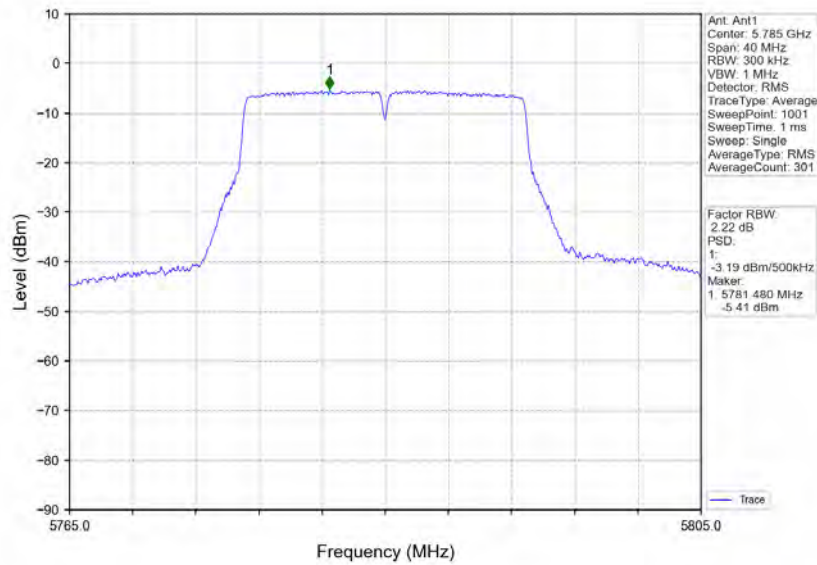
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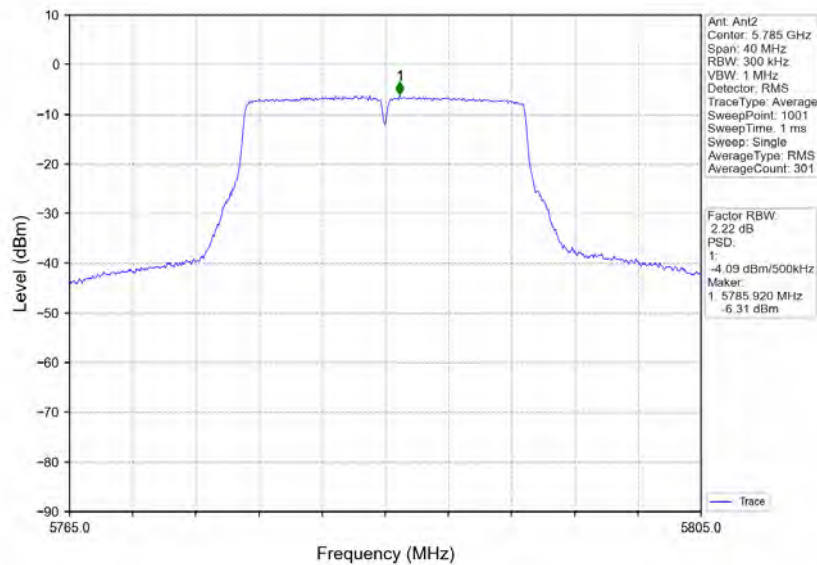
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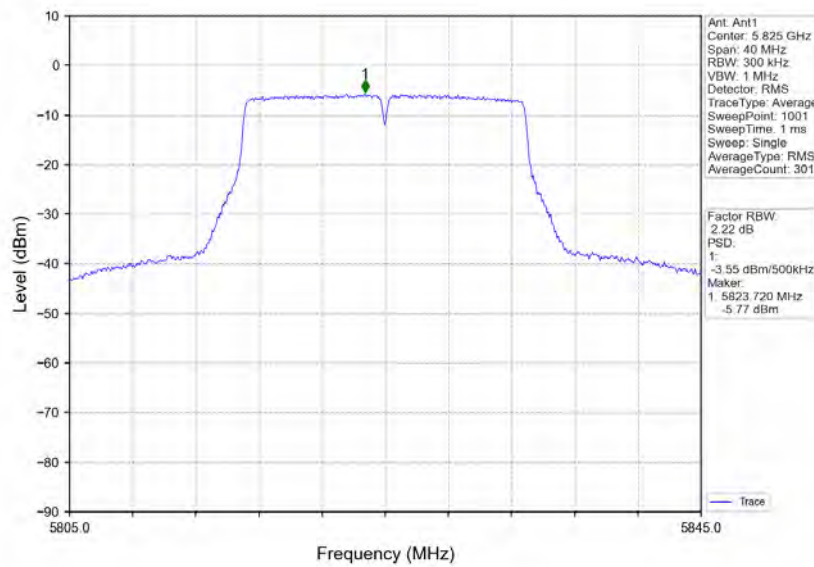
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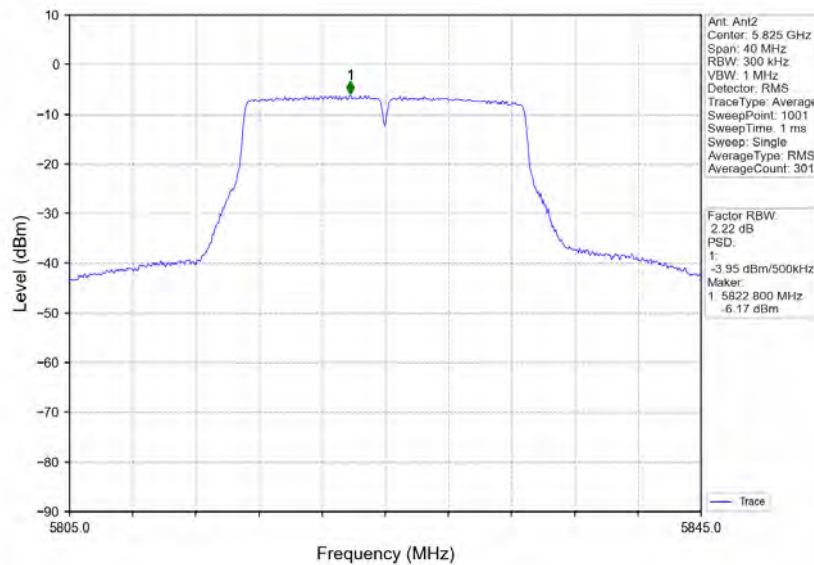
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5. Frequency Stability

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	5180.020	5150 to 5250	Pass	
				120	5179.960	5150 to 5250	Pass	
				138	5180.020	5150 to 5250	Pass	
			-20	120	5179.940	5150 to 5250	Pass	
				-10	120	5179.960	5150 to 5250	Pass
				0	120	5179.960	5150 to 5250	Pass
			10	120	5179.940	5150 to 5250	Pass	
				30	120	5180.000	5150 to 5250	Pass
				40	120	5179.940	5150 to 5250	Pass
			50	120	5179.980	5150 to 5250	Pass	
				20	102	5200.000	5150 to 5250	Pass
					120	5199.940	5150 to 5250	Pass
		138	5199.980		5150 to 5250	Pass		
		5200	-20	120	5199.960	5150 to 5250	Pass	
				-10	120	5200.020	5150 to 5250	Pass
				0	120	5199.960	5150 to 5250	Pass
			10	120	5199.960	5150 to 5250	Pass	
				30	120	5200.000	5150 to 5250	Pass
				40	120	5199.980	5150 to 5250	Pass
			50	120	5199.960	5150 to 5250	Pass	
				20	102	5239.960	5150 to 5250	Pass
					120	5240.000	5150 to 5250	Pass
			138		5240.000	5150 to 5250	Pass	
			5240	-20	120	5239.980	5150 to 5250	Pass
					-10	120	5239.980	5150 to 5250
		0			120	5239.960	5150 to 5250	Pass
		10		120	5239.980	5150 to 5250	Pass	
				30	120	5240.020	5150 to 5250	Pass
				40	120	5239.980	5150 to 5250	Pass
		50		120	5239.960	5150 to 5250	Pass	
				20	102	5260.040	5250 to 5350	Pass
					120	5260.020	5250 to 5350	Pass
		138			5259.980	5250 to 5350	Pass	
		5260		-20	120	5260.000	5250 to 5350	Pass
					-10	120	5260.000	5250 to 5350
			0		120	5259.980	5250 to 5350	Pass
			10	120	5259.980	5250 to 5350	Pass	
				30	120	5259.940	5250 to 5350	Pass
				40	120	5259.920	5250 to 5350	Pass



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	5300	50	120	5259.940	5250 to 5350	Pass
		20	102	5300.000	5250 to 5350	Pass
			120	5299.980	5250 to 5350	Pass
			138	5300.020	5250 to 5350	Pass
		-20	120	5299.980	5250 to 5350	Pass
		-10	120	5299.980	5250 to 5350	Pass
		0	120	5300.000	5250 to 5350	Pass
		10	120	5299.980	5250 to 5350	Pass
		30	120	5299.960	5250 to 5350	Pass
		40	120	5299.980	5250 to 5350	Pass
	50	120	5299.960	5250 to 5350	Pass	
	5320	20	102	5319.980	5250 to 5350	Pass
			120	5319.980	5250 to 5350	Pass
			138	5319.960	5250 to 5350	Pass
		-20	120	5319.940	5250 to 5350	Pass
		-10	120	5319.980	5250 to 5350	Pass
		0	120	5319.980	5250 to 5350	Pass
		10	120	5319.980	5250 to 5350	Pass
		30	120	5319.980	5250 to 5350	Pass
		40	120	5319.980	5250 to 5350	Pass
		50	120	5319.940	5250 to 5350	Pass
	5500	20	102	5499.960	5470 to 5725	Pass
			120	5499.980	5470 to 5725	Pass
			138	5499.940	5470 to 5725	Pass
		-20	120	5500.000	5470 to 5725	Pass
		-10	120	5500.040	5470 to 5725	Pass
		0	120	5500.000	5470 to 5725	Pass
		10	120	5500.020	5470 to 5725	Pass
		30	120	5499.960	5470 to 5725	Pass
		40	120	5499.980	5470 to 5725	Pass
		50	120	5499.960	5470 to 5725	Pass
	5580	20	102	5579.960	5470 to 5725	Pass
			120	5579.940	5470 to 5725	Pass
			138	5579.960	5470 to 5725	Pass
		-20	120	5579.940	5470 to 5725	Pass
		-10	120	5579.980	5470 to 5725	Pass
		0	120	5579.980	5470 to 5725	Pass
		10	120	5579.980	5470 to 5725	Pass
		30	120	5579.920	5470 to 5725	Pass
		40	120	5579.960	5470 to 5725	Pass
		50	120	5579.960	5470 to 5725	Pass
	5700	20	102	5699.980	5470 to 5725	Pass
			120	5699.980	5470 to 5725	Pass
			138	5699.980	5470 to 5725	Pass
		-20	120	5700.000	5470 to 5725	Pass
		-10	120	5699.960	5470 to 5725	Pass
		0	120	5700.000	5470 to 5725	Pass
		10	120	5699.960	5470 to 5725	Pass
		30	120	5699.960	5470 to 5725	Pass
		40	120	5699.940	5470 to 5725	Pass
50		120	5699.940	5470 to 5725	Pass	
5745	20	102	5744.980	5725 to 5850	Pass	



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			120	5745.000	5725 to 5850	Pass			
			138	5744.980	5725 to 5850	Pass			
			-20	120	5745.020	5725 to 5850	Pass		
			-10	120	5744.980	5725 to 5850	Pass		
			0	120	5745.000	5725 to 5850	Pass		
			10	120	5744.940	5725 to 5850	Pass		
			30	120	5744.960	5725 to 5850	Pass		
			40	120	5744.980	5725 to 5850	Pass		
			50	120	5744.980	5725 to 5850	Pass		
			5785	20	102	5785.000	5725 to 5850	Pass	
		120			5784.980	5725 to 5850	Pass		
		138			5784.940	5725 to 5850	Pass		
		-20		120	5784.960	5725 to 5850	Pass		
		-10		120	5785.020	5725 to 5850	Pass		
		0		120	5784.960	5725 to 5850	Pass		
		10		120	5784.940	5725 to 5850	Pass		
		30		120	5784.980	5725 to 5850	Pass		
		40		120	5785.000	5725 to 5850	Pass		
		50		120	5784.980	5725 to 5850	Pass		
		5825	20	102	5824.960	5725 to 5850	Pass		
				120	5825.000	5725 to 5850	Pass		
				138	5825.000	5725 to 5850	Pass		
			-20	120	5824.980	5725 to 5850	Pass		
			-10	120	5824.960	5725 to 5850	Pass		
			0	120	5824.960	5725 to 5850	Pass		
			10	120	5824.940	5725 to 5850	Pass		
			30	120	5825.000	5725 to 5850	Pass		
			40	120	5824.980	5725 to 5850	Pass		
			50	120	5824.940	5725 to 5850	Pass		
		802.11n (HT20)	SISO	5180	20	102	5180.020	5150 to 5250	Pass
						120	5179.960	5150 to 5250	Pass
						138	5179.940	5150 to 5250	Pass
					-20	120	5179.920	5150 to 5250	Pass
					-10	120	5180.000	5150 to 5250	Pass
					0	120	5179.980	5150 to 5250	Pass
10	120				5180.060	5150 to 5250	Pass		
30	120				5179.980	5150 to 5250	Pass		
40	120				5179.920	5150 to 5250	Pass		
50	120				5179.940	5150 to 5250	Pass		
5200	20			102	5200.000	5150 to 5250	Pass		
				120	5200.000	5150 to 5250	Pass		
				138	5200.020	5150 to 5250	Pass		
	-20			120	5199.960	5150 to 5250	Pass		
	-10			120	5200.020	5150 to 5250	Pass		
	0			120	5200.000	5150 to 5250	Pass		
	10			120	5199.940	5150 to 5250	Pass		
	30			120	5199.940	5150 to 5250	Pass		
	40			120	5199.960	5150 to 5250	Pass		
	50			120	5199.940	5150 to 5250	Pass		
5240	20			102	5240.020	5150 to 5250	Pass		
				120	5239.940	5150 to 5250	Pass		
				138	5239.980	5150 to 5250	Pass		



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			-20	120	5240.000	5150 to 5250	Pass		
			-10	120	5239.980	5150 to 5250	Pass		
			0	120	5240.000	5150 to 5250	Pass		
			10	120	5239.980	5150 to 5250	Pass		
			30	120	5240.000	5150 to 5250	Pass		
			40	120	5240.000	5150 to 5250	Pass		
			50	120	5239.980	5150 to 5250	Pass		
	5260	20		102	5260.020	5250 to 5350	Pass		
					120	5260.060	5250 to 5350	Pass	
					138	5259.980	5250 to 5350	Pass	
				-20	120	5259.920	5250 to 5350	Pass	
				-10	120	5260.020	5250 to 5350	Pass	
				0	120	5260.000	5250 to 5350	Pass	
				10	120	5260.000	5250 to 5350	Pass	
				30	120	5260.000	5250 to 5350	Pass	
				40	120	5260.000	5250 to 5350	Pass	
				50	120	5259.980	5250 to 5350	Pass	
		5300	20		102	5299.980	5250 to 5350	Pass	
						120	5300.020	5250 to 5350	Pass
						138	5299.980	5250 to 5350	Pass
					-20	120	5299.980	5250 to 5350	Pass
				-10	120	5299.920	5250 to 5350	Pass	
				0	120	5299.940	5250 to 5350	Pass	
				10	120	5299.980	5250 to 5350	Pass	
				30	120	5300.020	5250 to 5350	Pass	
				40	120	5299.920	5250 to 5350	Pass	
				50	120	5299.940	5250 to 5350	Pass	
	5320	20		102	5319.980	5250 to 5350	Pass		
					120	5319.960	5250 to 5350	Pass	
					138	5320.040	5250 to 5350	Pass	
				-20	120	5319.980	5250 to 5350	Pass	
				-10	120	5319.920	5250 to 5350	Pass	
				0	120	5319.980	5250 to 5350	Pass	
				10	120	5319.960	5250 to 5350	Pass	
				30	120	5319.920	5250 to 5350	Pass	
				40	120	5319.960	5250 to 5350	Pass	
				50	120	5319.980	5250 to 5350	Pass	
	5500	20		102	5500.000	5470 to 5725	Pass		
					120	5499.960	5470 to 5725	Pass	
					138	5500.000	5470 to 5725	Pass	
				-20	120	5499.980	5470 to 5725	Pass	
				-10	120	5500.020	5470 to 5725	Pass	
				0	120	5499.960	5470 to 5725	Pass	
				10	120	5500.000	5470 to 5725	Pass	
				30	120	5500.020	5470 to 5725	Pass	
				40	120	5499.920	5470 to 5725	Pass	
				50	120	5499.960	5470 to 5725	Pass	
	5580	20		102	5579.960	5470 to 5725	Pass		
					120	5579.960	5470 to 5725	Pass	
					138	5579.960	5470 to 5725	Pass	
				-20	120	5580.000	5470 to 5725	Pass	
			-10	120	5579.960	5470 to 5725	Pass		



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		0	120	5580.020	5470 to 5725	Pass
		10	120	5580.060	5470 to 5725	Pass
		30	120	5579.920	5470 to 5725	Pass
		40	120	5580.000	5470 to 5725	Pass
		50	120	5579.900	5470 to 5725	Pass
	5700	20	102	5699.960	5470 to 5725	Pass
			120	5700.000	5470 to 5725	Pass
			138	5699.980	5470 to 5725	Pass
		-20	120	5699.980	5470 to 5725	Pass
		-10	120	5699.980	5470 to 5725	Pass
		0	120	5699.940	5470 to 5725	Pass
		10	120	5699.920	5470 to 5725	Pass
		30	120	5699.960	5470 to 5725	Pass
		40	120	5699.960	5470 to 5725	Pass
		50	120	5699.960	5470 to 5725	Pass
	5745	20	102	5745.000	5725 to 5850	Pass
			120	5744.940	5725 to 5850	Pass
			138	5745.000	5725 to 5850	Pass
		-20	120	5745.000	5725 to 5850	Pass
		-10	120	5745.020	5725 to 5850	Pass
		0	120	5745.000	5725 to 5850	Pass
		10	120	5744.940	5725 to 5850	Pass
		30	120	5744.980	5725 to 5850	Pass
		40	120	5744.960	5725 to 5850	Pass
		50	120	5744.980	5725 to 5850	Pass
	5785	20	102	5784.980	5725 to 5850	Pass
			120	5784.960	5725 to 5850	Pass
			138	5785.000	5725 to 5850	Pass
		-20	120	5784.960	5725 to 5850	Pass
		-10	120	5784.960	5725 to 5850	Pass
		0	120	5784.980	5725 to 5850	Pass
		10	120	5784.980	5725 to 5850	Pass
		30	120	5785.000	5725 to 5850	Pass
		40	120	5784.960	5725 to 5850	Pass
		50	120	5784.980	5725 to 5850	Pass
	5825	20	102	5824.880	5725 to 5850	Pass
			120	5824.940	5725 to 5850	Pass
			138	5825.000	5725 to 5850	Pass
		-20	120	5824.960	5725 to 5850	Pass
		-10	120	5824.960	5725 to 5850	Pass
		0	120	5824.960	5725 to 5850	Pass
		10	120	5824.960	5725 to 5850	Pass
		30	120	5825.000	5725 to 5850	Pass
		40	120	5824.920	5725 to 5850	Pass
		50	120	5824.960	5725 to 5850	Pass



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