

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	1.396	1.601	87.20	0.60	0.03
		5200	1.396	1.601	87.20	0.60	0.03
		5240	1.395	1.601	87.13	0.60	0.03
		5745	1.395	1.601	87.13	0.60	0.03
		5785	1.396	1.601	87.20	0.60	0.03
		5825	1.395	1.601	87.13	0.60	0.03
802.11n (HT20)	MIMO	5180	1.308	1.513	86.45	0.63	0.03
		5200	1.307	1.513	86.38	0.64	0.00
		5240	1.308	1.513	86.45	0.63	0.03
		5745	1.308	1.512	86.51	0.63	0.03
		5785	1.309	1.513	86.52	0.63	0.03
		5825	1.309	1.513	86.52	0.63	0.03
802.11n (HT40)	MIMO	5190	0.648	0.852	76.06	1.19	0.01
		5230	0.648	0.852	76.06	1.19	0.04
		5755	0.649	0.853	76.08	1.19	0.06
		5795	0.649	0.853	76.08	1.19	0.06
802.11ac (VHT20)	MIMO	5180	0.684	0.889	76.94	1.14	0.00
		5200	0.684	0.889	76.94	1.14	0.03
		5240	0.683	0.888	76.91	1.14	0.00
		5745	0.684	0.889	76.94	1.14	0.00
		5785	0.684	0.889	76.94	1.14	0.03
		5825	0.684	0.889	76.94	1.14	0.03
802.11ac (VHT40)	MIMO	5190	0.352	0.556	63.31	1.99	0.00
		5230	0.352	0.556	63.31	1.99	0.04
		5755	0.352	0.556	63.31	1.99	0.04
		5795	0.352	0.556	63.31	1.99	0.00
802.11ac (VHT80)	MIMO	5210	0.188	0.392	47.96	3.19	0.07
		5775	0.182	0.391	46.55	3.32	0.54

1.1.2 Test Graph

802.11a_LCH_5180MHz_Ant1_NTNV



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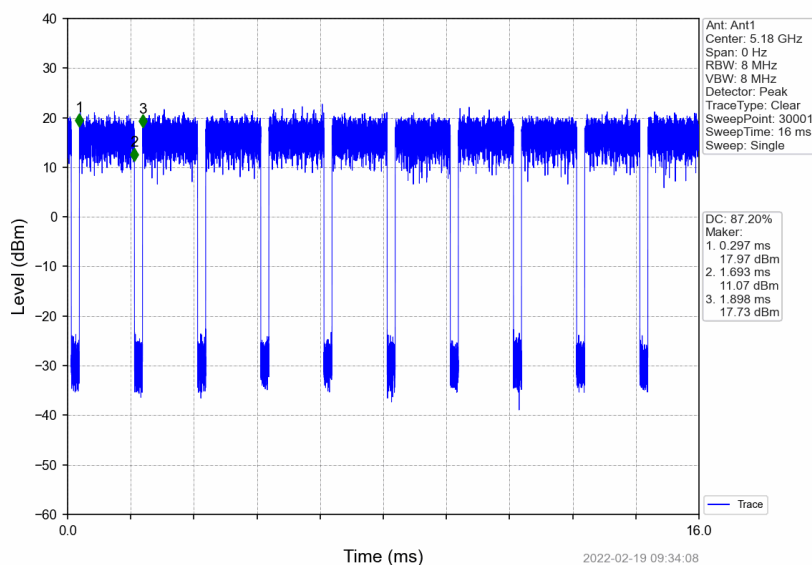
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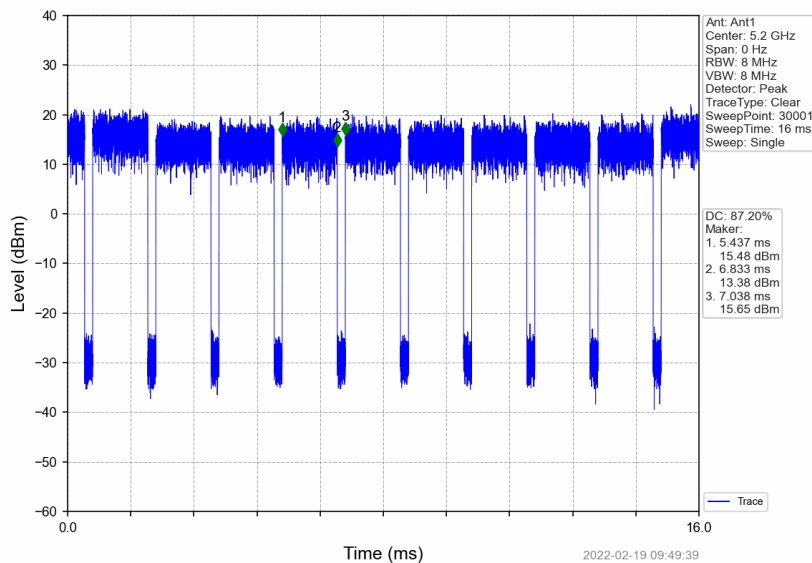
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802.11a_MCH_5200MHz_Ant1_NTNV



802.11a_HCH_5240MHz_Ant1_NTNV



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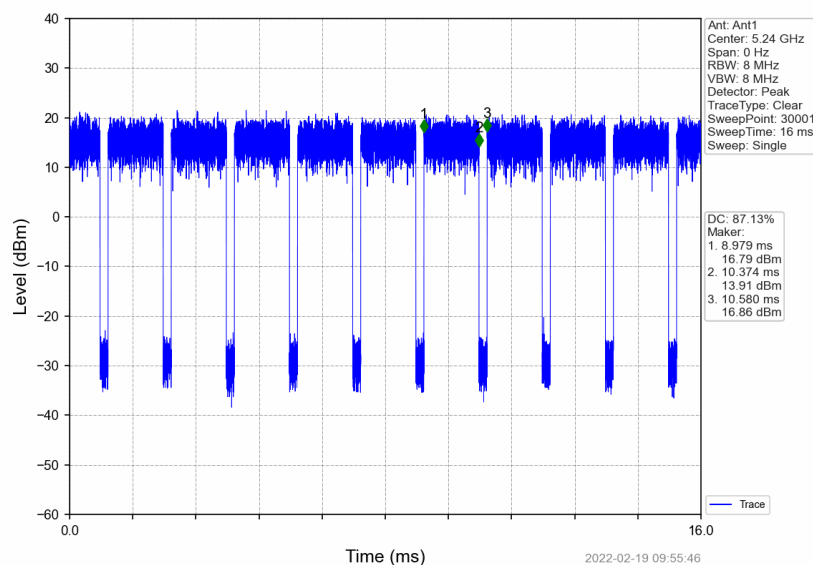
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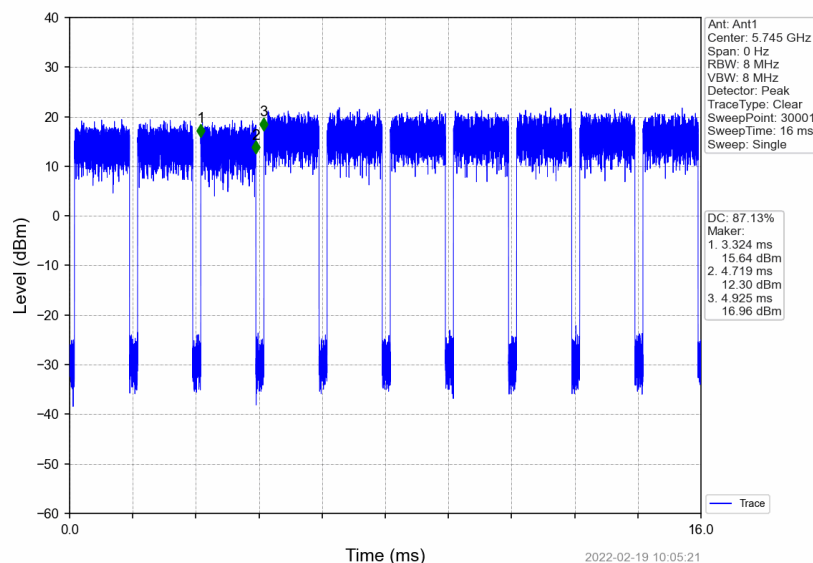
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802.11a LCH 5745MHz Ant1 NTNV



802.11a MCH 5785MHz Ant1 NTNV



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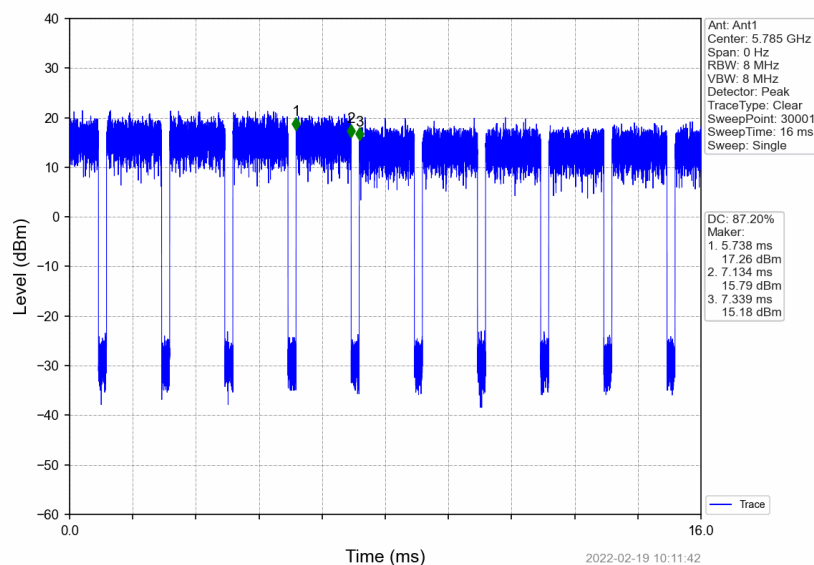
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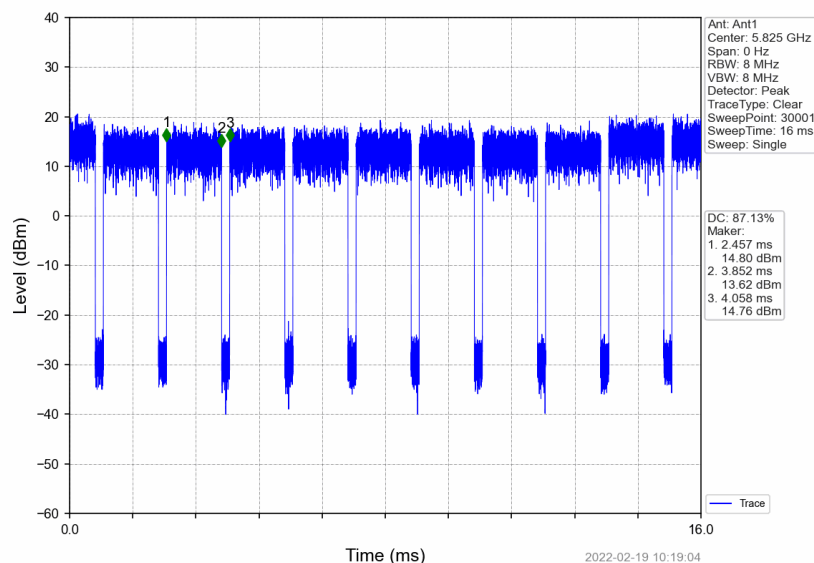
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802.11a_HCH_5825MHz_Ant1_NTNV



802.11n(HT20)_LCH_5180MHz_Ant1_NTNV



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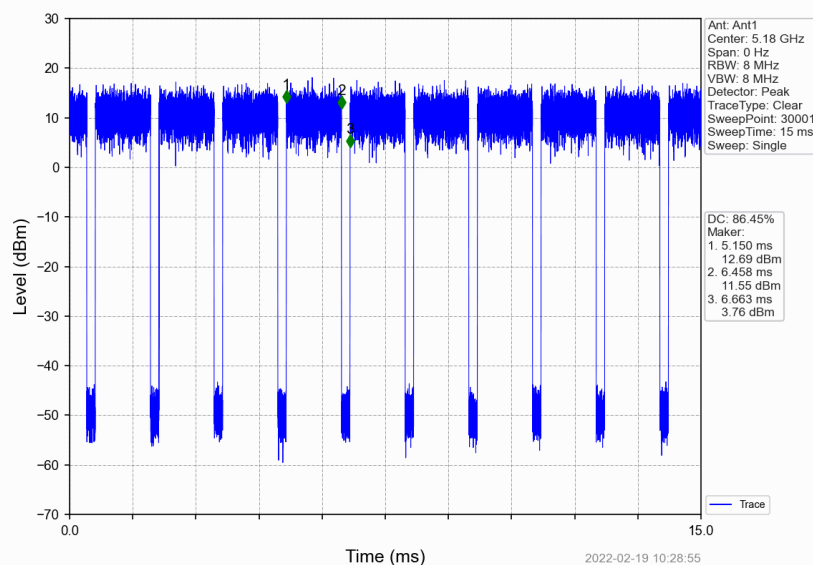
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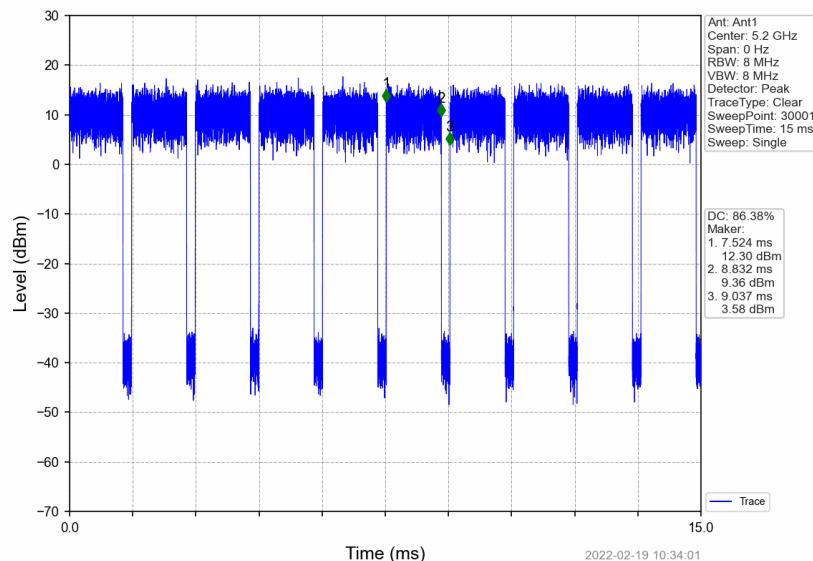
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802.11n(HT20) MCH 5200MHz Ant1 NTNV



802.11n(HT20) HCH 5240MHz Ant1 NTNV



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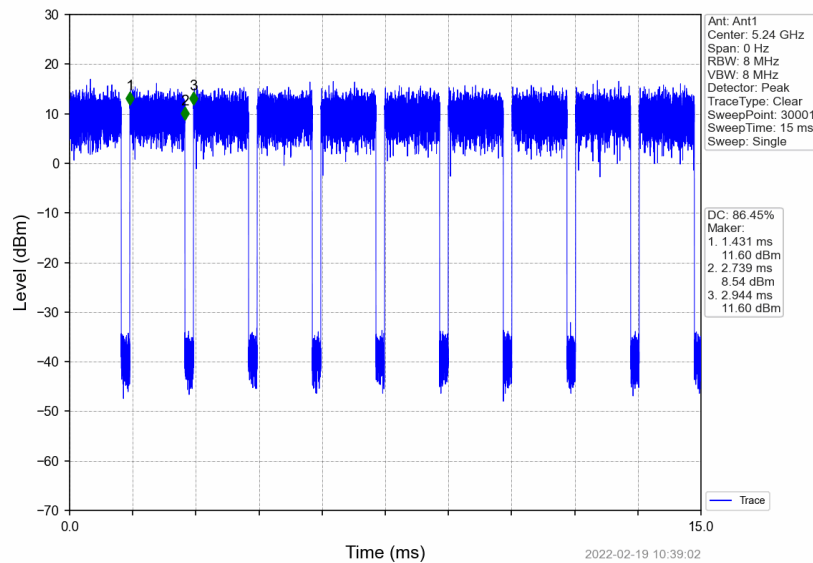
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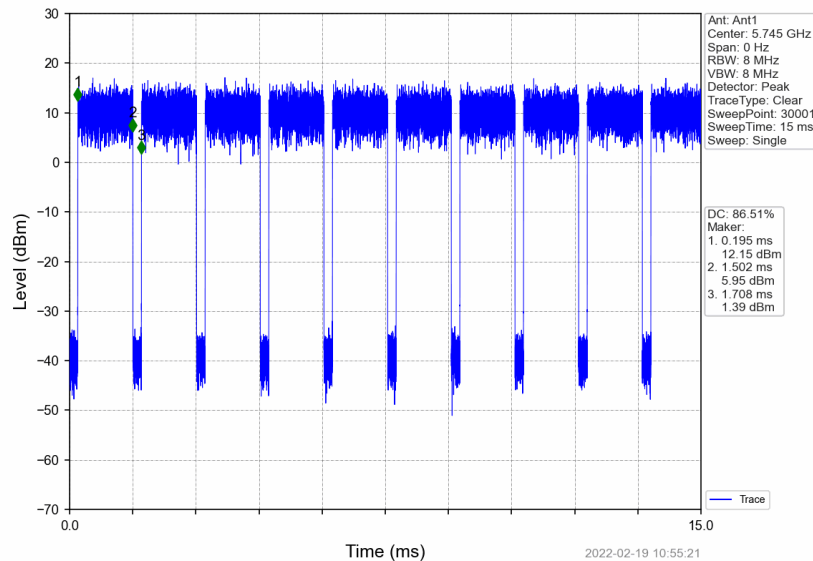
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802.11n(HT20) LCH 5745MHz Ant1 NTNv



802.11n(HT20) MCH 5785MHz Ant1 NTNv



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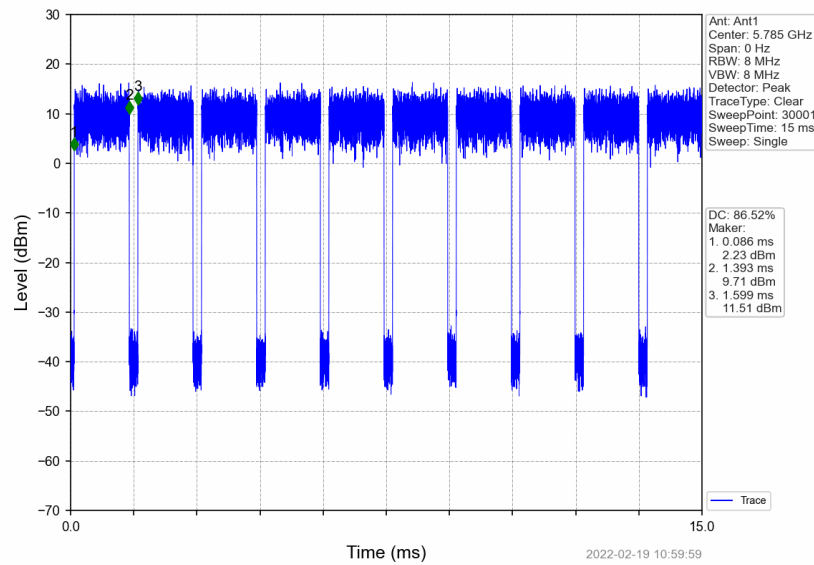
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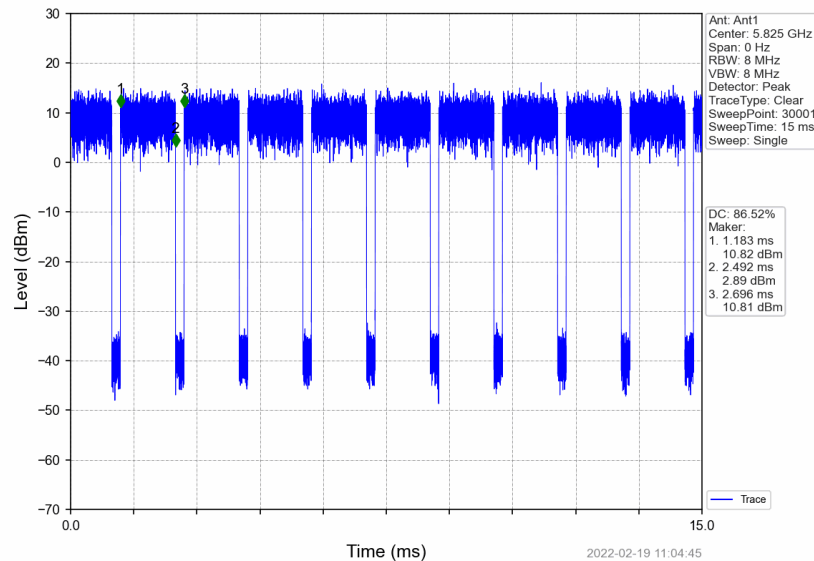
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802.11n(HT20) HCH 5825MHz Ant1 NTV



802.11n(HT40) LCH 5190MHz Ant1 NTV



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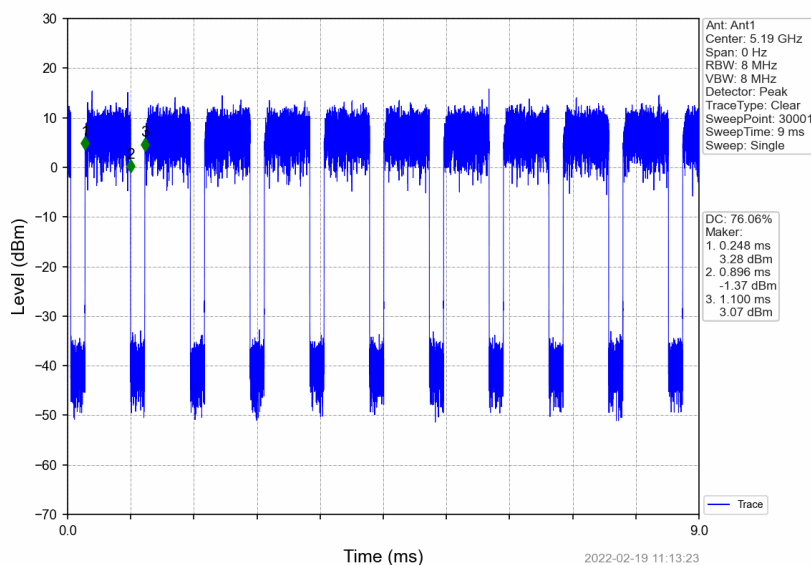
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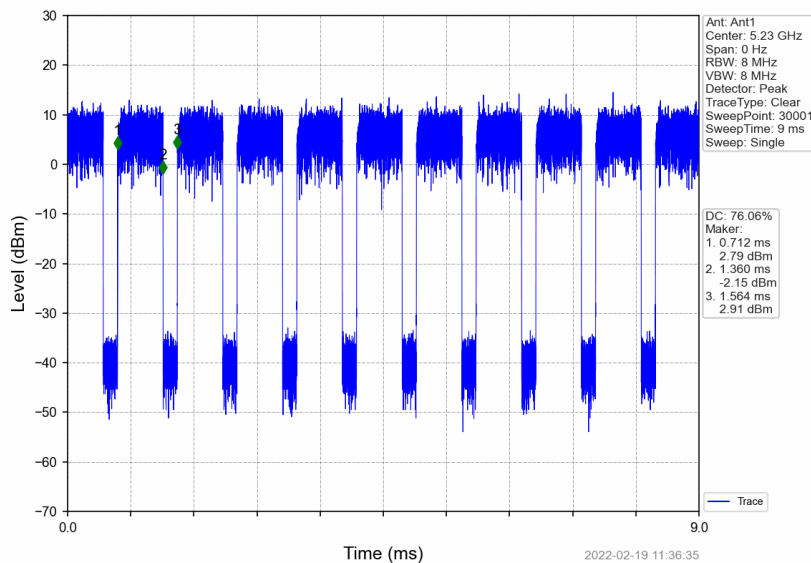
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802.11n(HT40) HCH 5230MHz Ant1 NTV



802.11n(HT40) LCH 5755MHz Ant1 NTV



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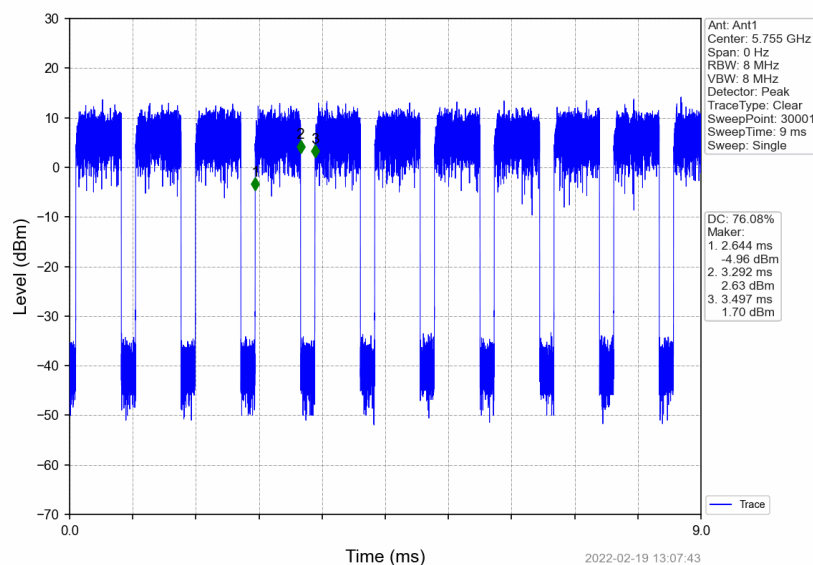
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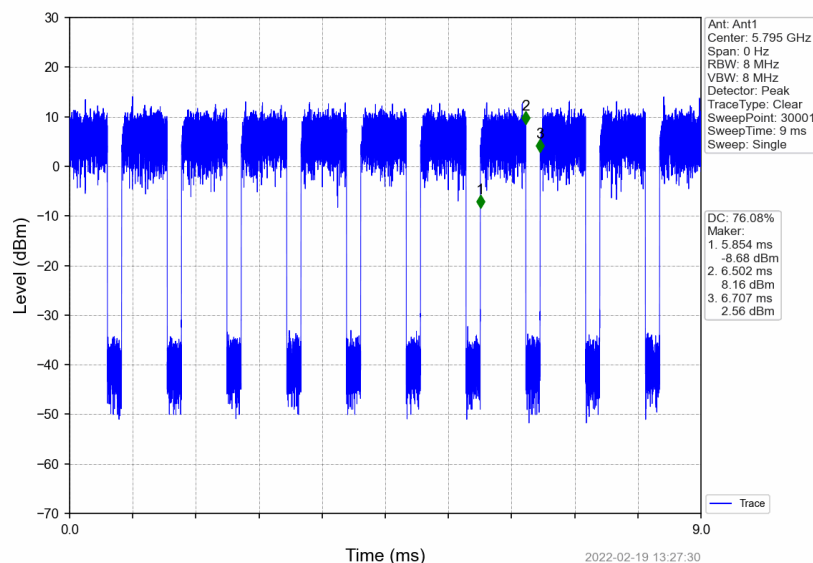
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802.11n(HT40) HCH 5795MHz Ant1 NTNv



802.11ac(VHT20) LCH 5180MHz Ant1 NTNv



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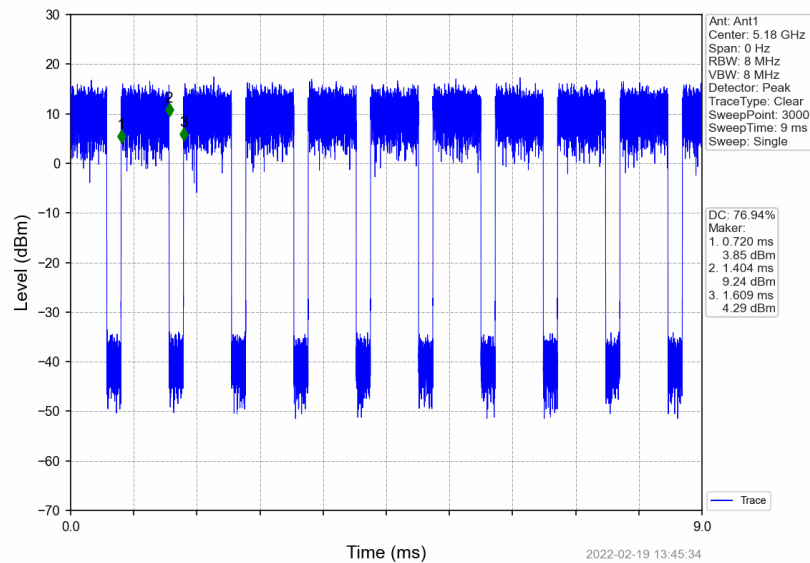
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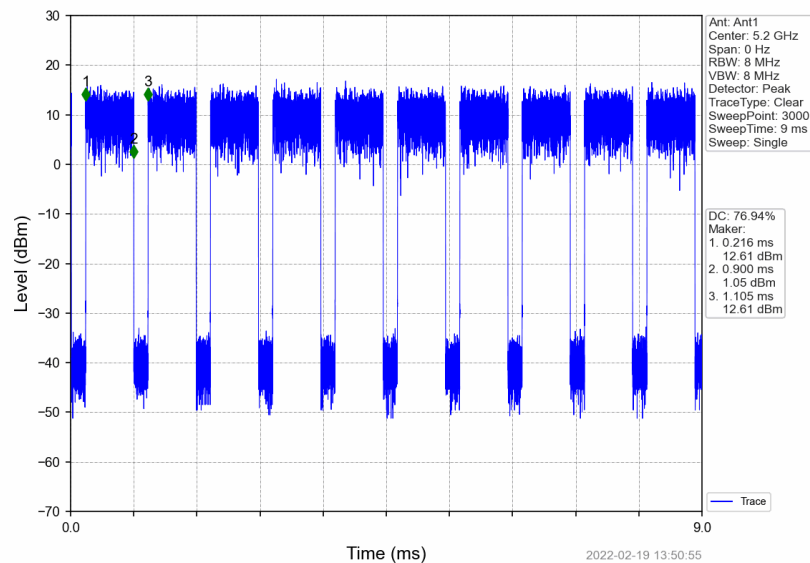
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802.11ac(VHT20) MCH 5200MHz Ant1 NTNv



802.11ac(VHT20) HCH 5240MHz Ant1 NTNv



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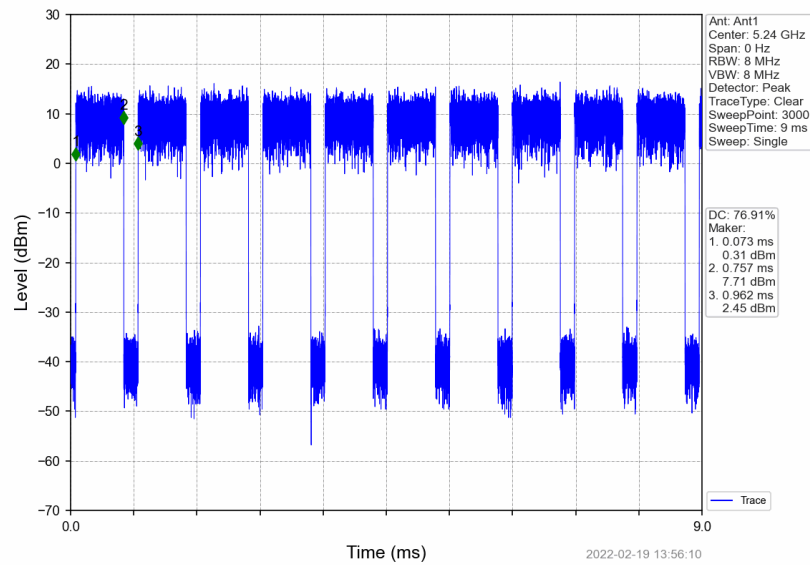
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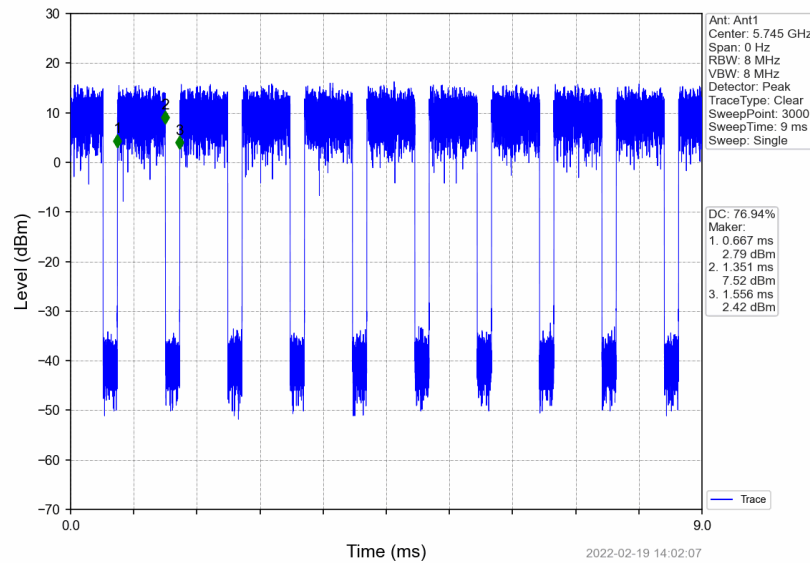
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802.11ac(VHT20) LCH 5745MHz Ant1 NTNv



802.11ac(VHT20) MCH 5785MHz Ant1 NTNv



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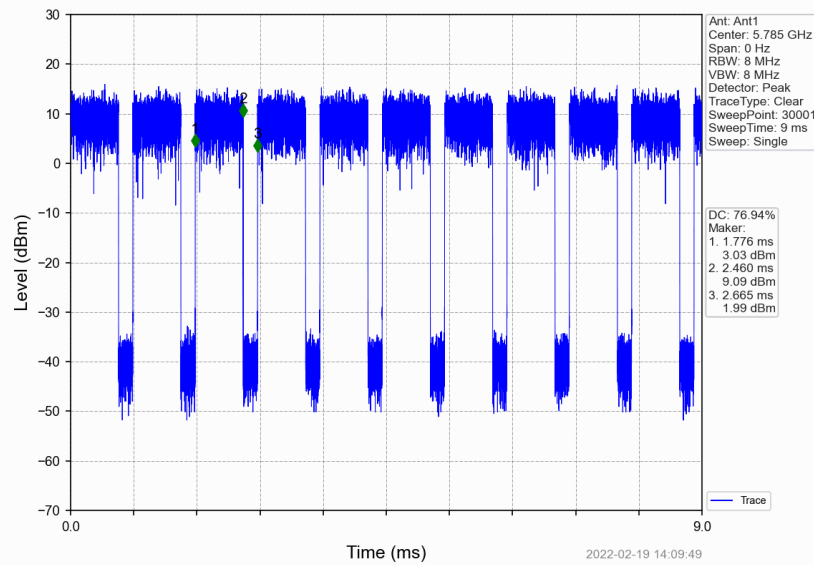
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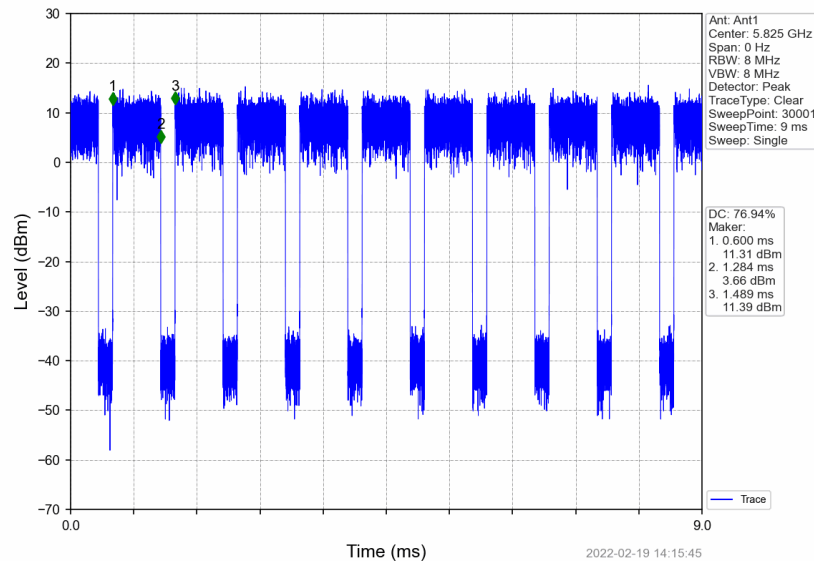
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802.11ac(VHT20) HCH 5825MHz Ant1 NTN



802.11ac(VHT40) LCH 5190MHz Ant1 NTN



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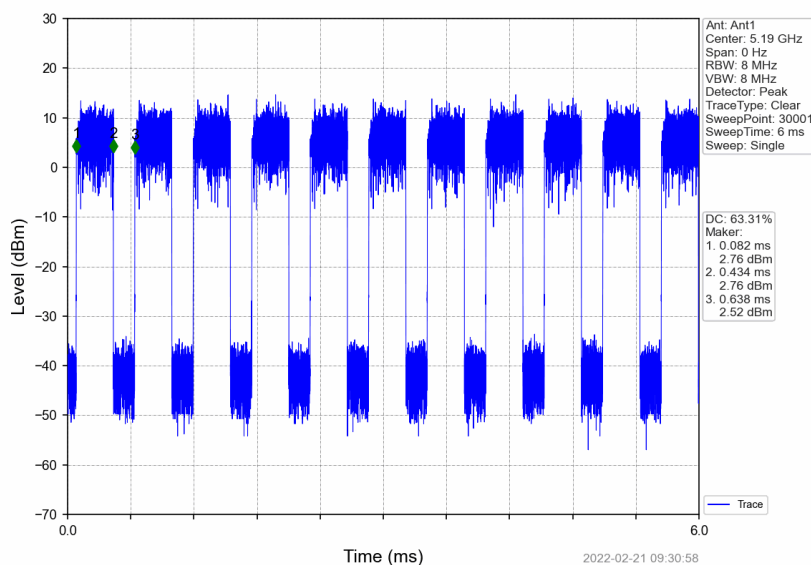
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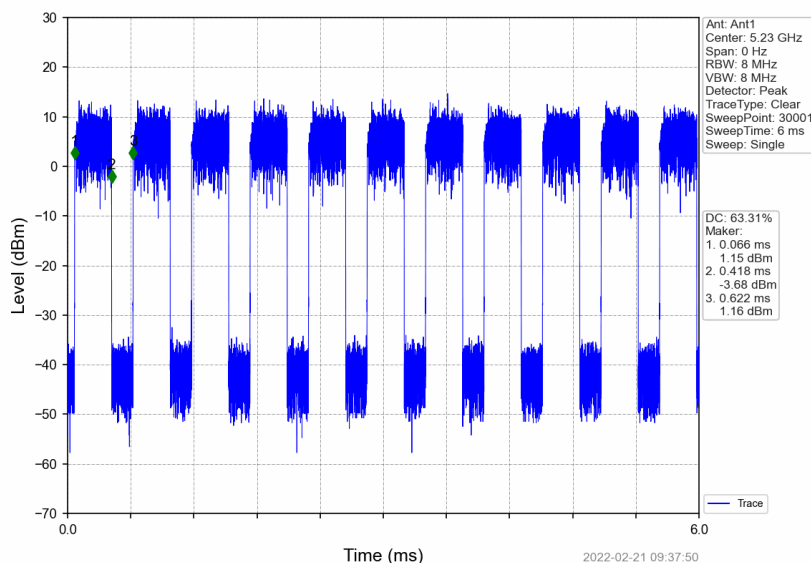
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802.11ac(VHT40) HCH 5230MHz Ant1 NTN



802.11ac(VHT40) LCH 5755MHz Ant1 NTN



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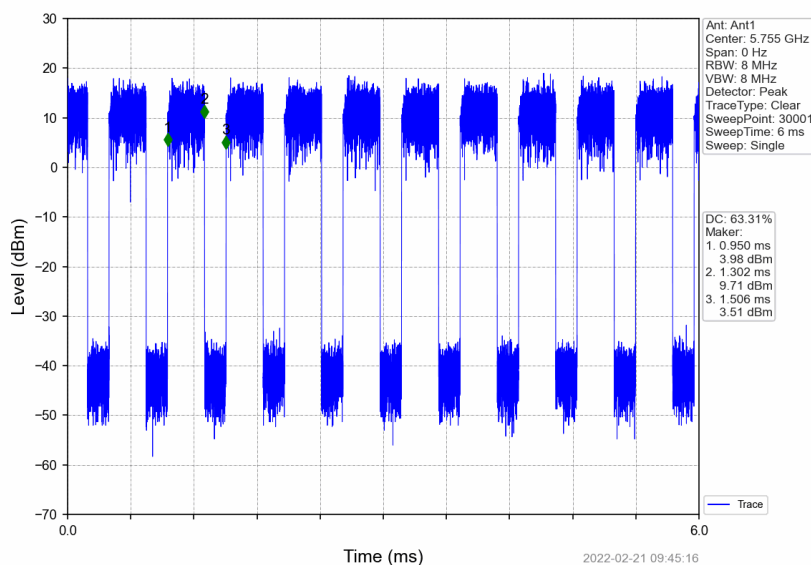
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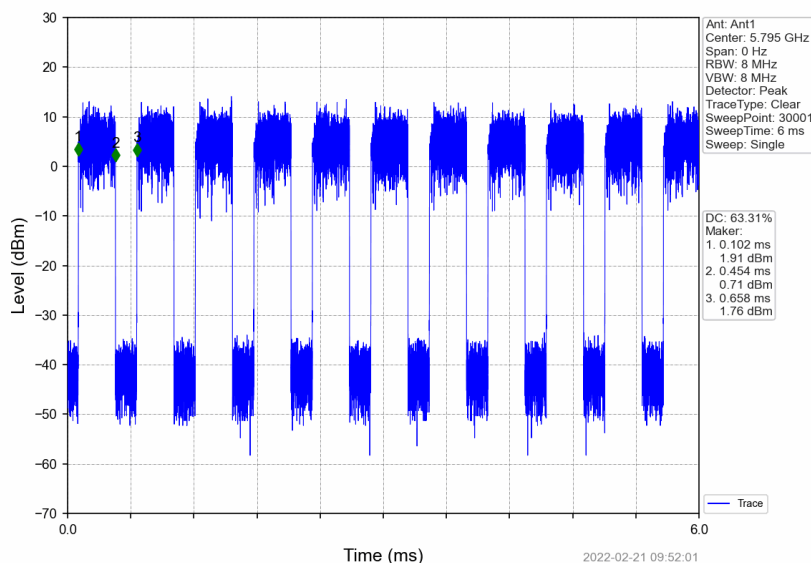
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802.11ac(VHT40) HCH 5795MHz Ant1 NTNv



802.11ac(VHT80) MCH 5210MHz Ant1 NTNv



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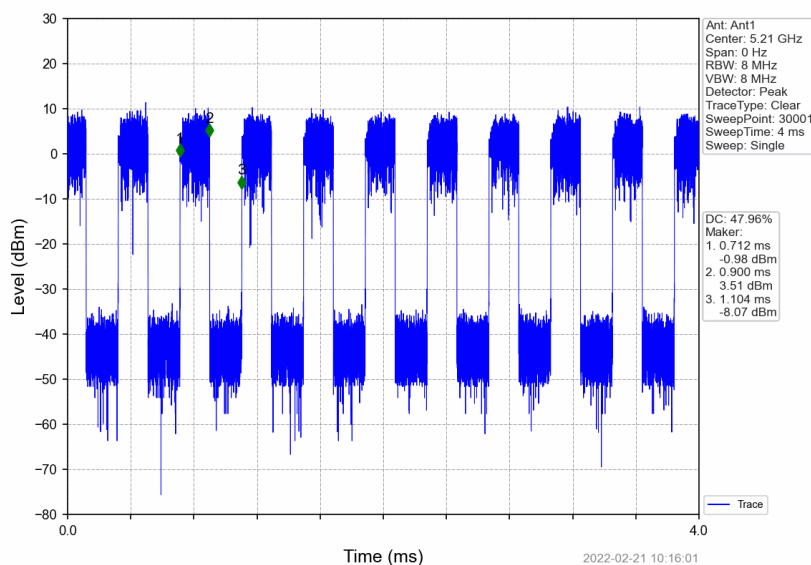
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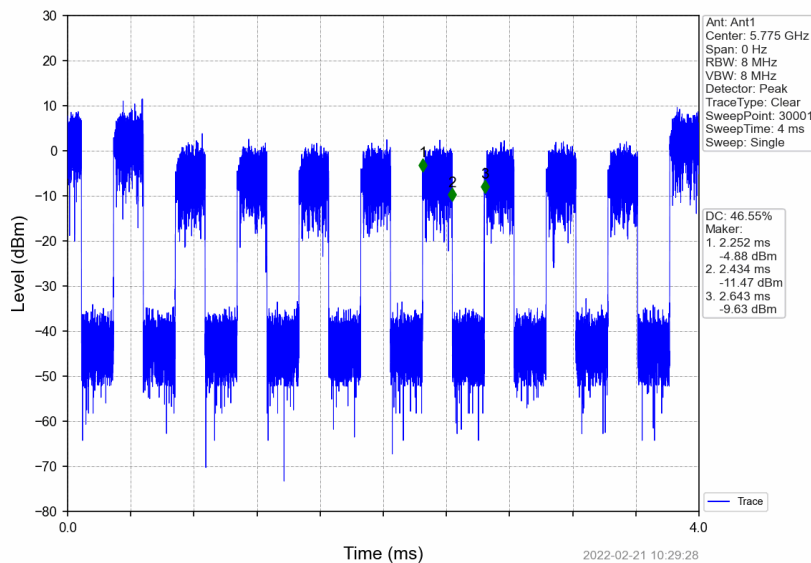
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802.11ac(VHT80) MCH 5775MHz Ant1 NTNv



2. Bandwidth

2.1 OBW

2.1.1 Test Result



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Mode	TX Type	Frequency (MHz)	Ant	99% Occupied Bandwidth (MHz)	Verdict
				Result	
802.11a	SISO	5180	1	17.341	Pass
			2	17.010	Pass
		5200	1	17.327	Pass
			2	16.842	Pass
		5240	1	17.286	Pass
			2	16.882	Pass
		5745	1	17.282	Pass
			2	16.865	Pass
		5785	1	17.279	Pass
			2	16.875	Pass
		5825	1	17.347	Pass
			2	16.869	Pass
802.11n (HT20)	MIMO	5180	1	18.100	Pass
			2	17.707	Pass
		5200	1	18.086	Pass
			2	17.745	Pass
		5240	1	18.096	Pass
			2	17.751	Pass
		5745	1	18.086	Pass
			2	17.766	Pass
		5785	1	18.078	Pass
			2	17.795	Pass
		5825	1	18.106	Pass
			2	17.816	Pass
802.11n (HT40)	MIMO	5190	1	36.209	Pass
			2	36.508	Pass
		5230	1	36.155	Pass
			2	36.546	Pass
		5755	1	36.241	Pass
			2	36.558	Pass
		5795	1	36.170	Pass
			2	36.549	Pass
802.11ac (VHT20)	MIMO	5180	1	18.108	Pass
			2	17.828	Pass
		5200	1	18.026	Pass
			2	17.843	Pass
		5240	1	18.128	Pass
			2	17.863	Pass
		5745	1	18.147	Pass
			2	17.878	Pass
		5785	1	18.097	Pass
			2	17.850	Pass
		5825	1	18.064	Pass
			2	17.868	Pass
802.11ac (VHT40)	MIMO	5190	1	36.372	Pass
			2	36.364	Pass
		5230	1	36.278	Pass
			2	35.991	Pass
		5755	1	36.280	Pass
			2	36.502	Pass
		5795	1	36.349	Pass
			2	36.345	Pass
802.11ac	MIMO	5210	1	75.818	Pass

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(VHT80)	5775	2	75.582	Pass
		1	75.672	Pass
		2	75.759	Pass



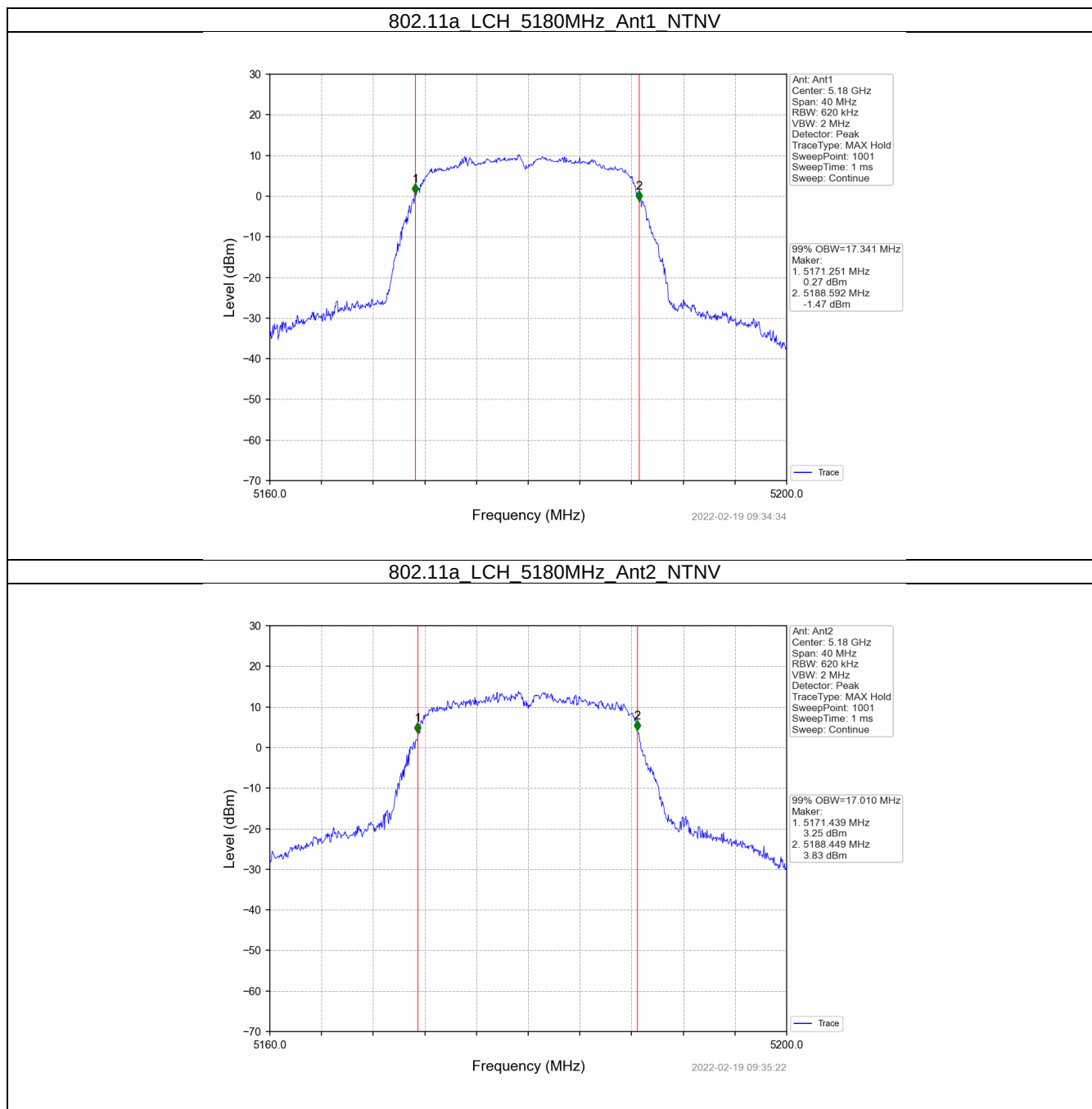
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2.1.2 Test Graph



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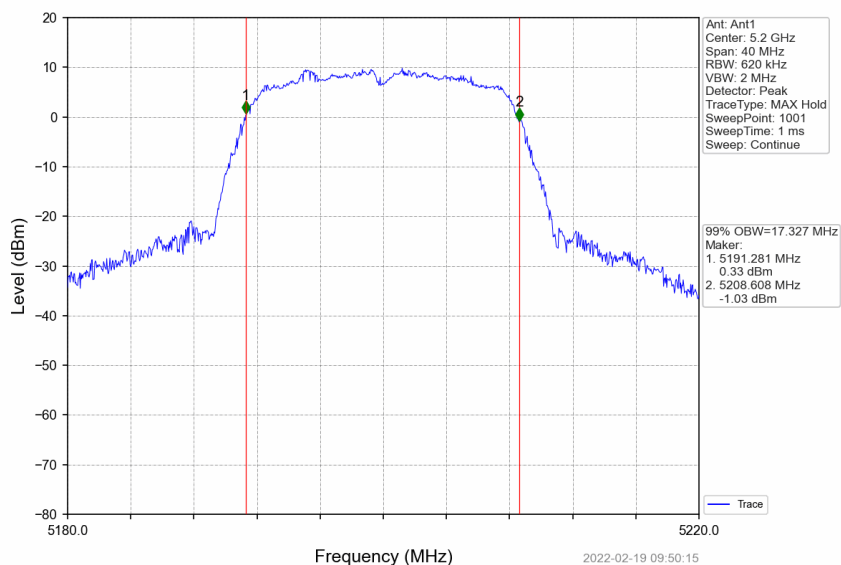
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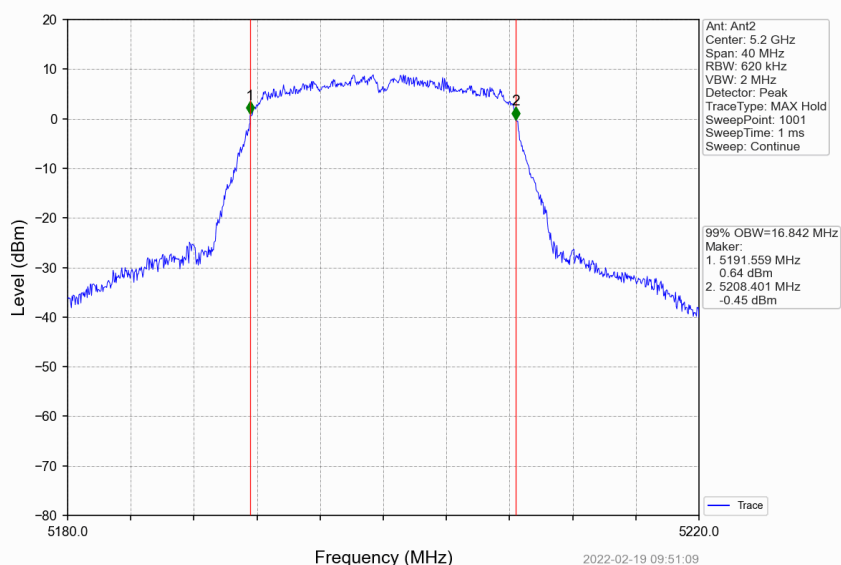
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802.11a_MCH_5200MHz_Ant1_NTNV



802.11a_MCH_5200MHz_Ant2_NTNV



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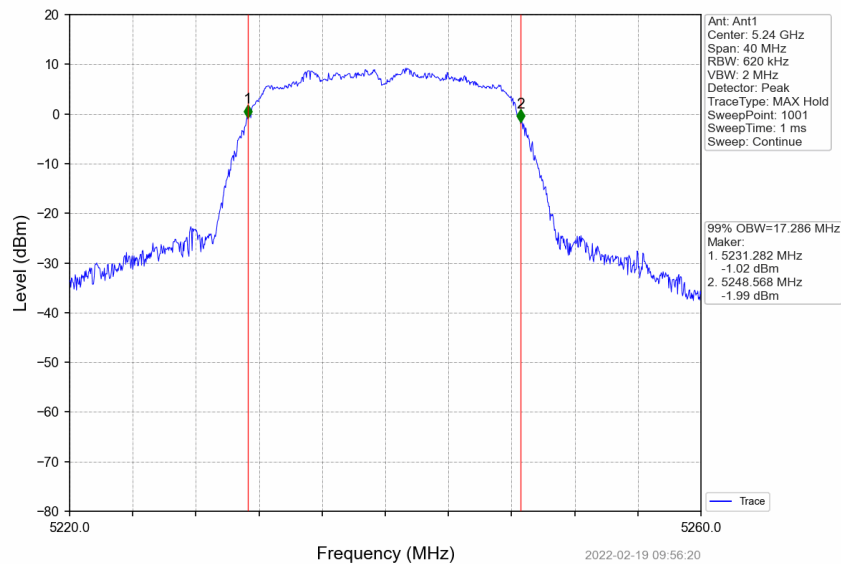
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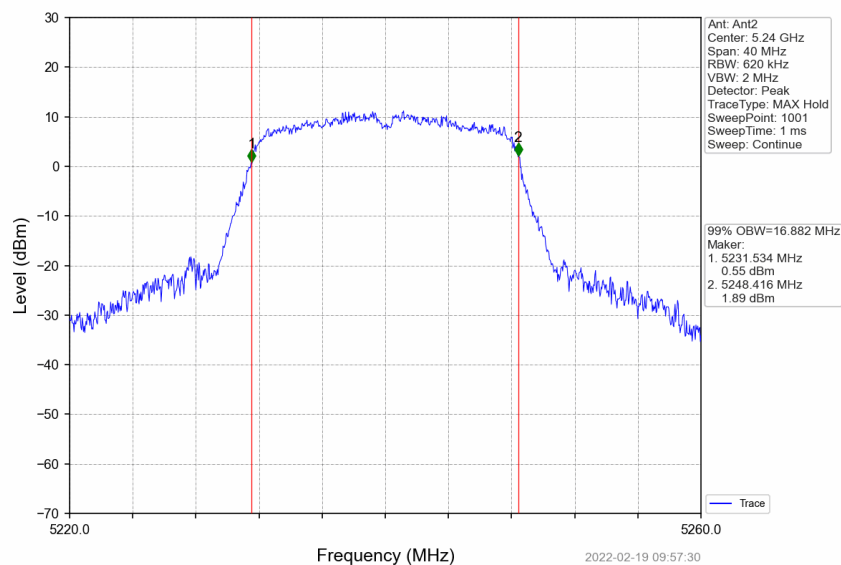
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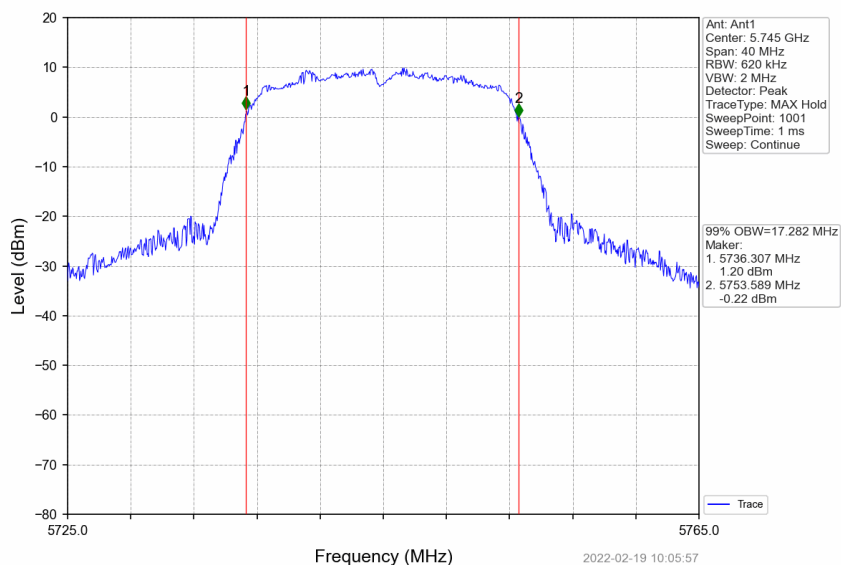
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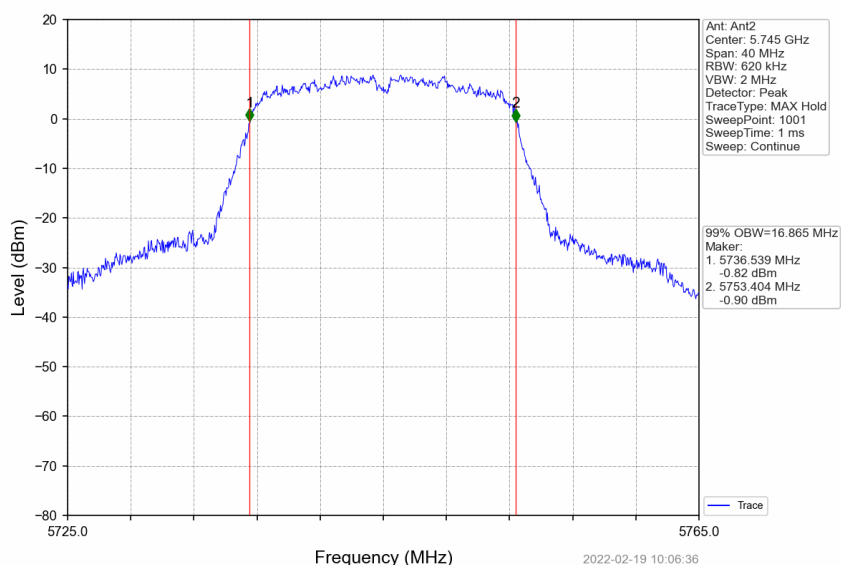
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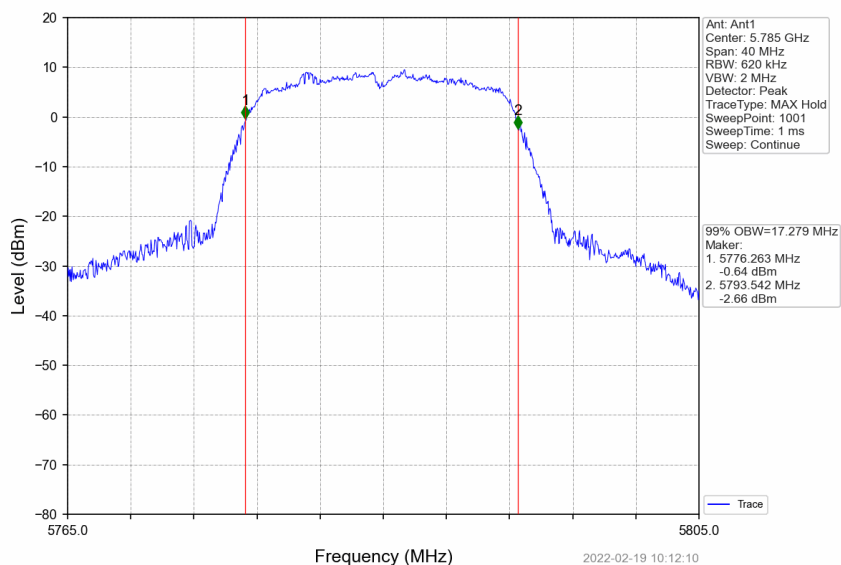
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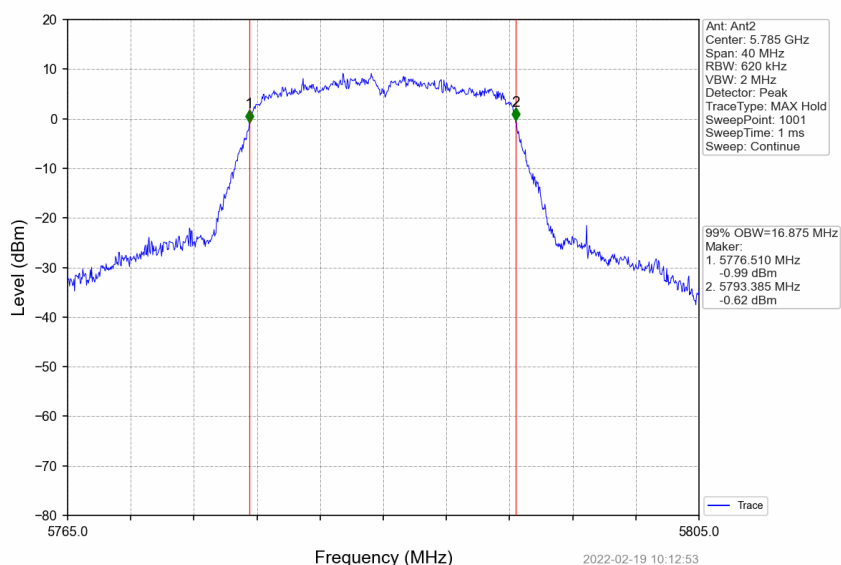
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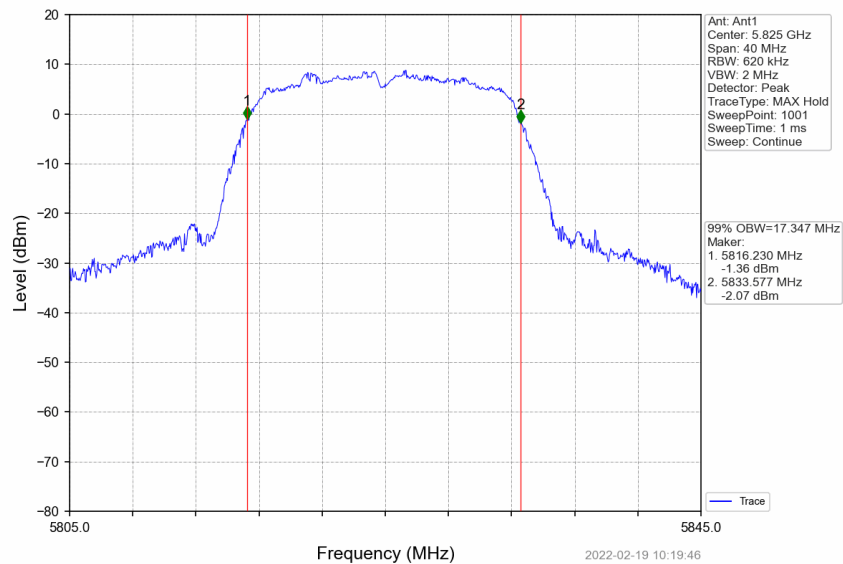
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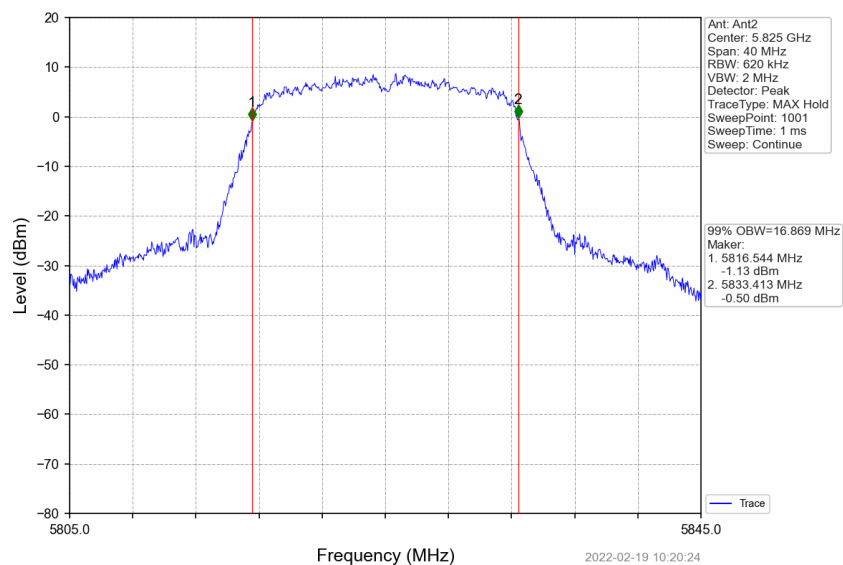
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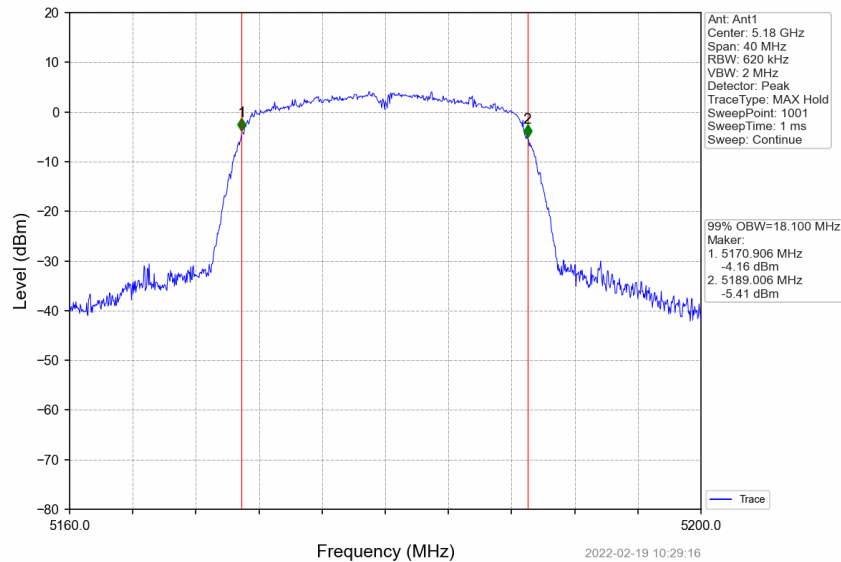
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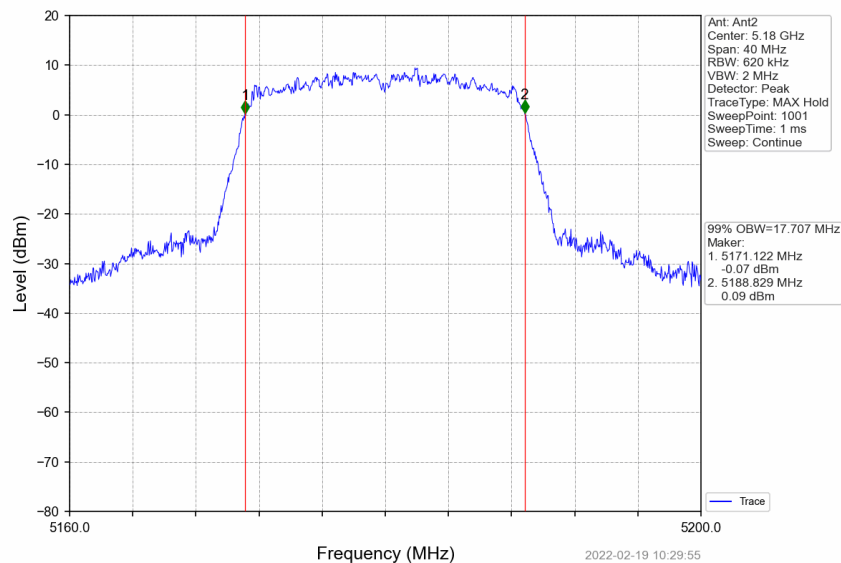
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802.11n(HT20) LCH 5180MHz Ant1 NTNV



802.11n(HT20) LCH 5180MHz Ant2 NTNV



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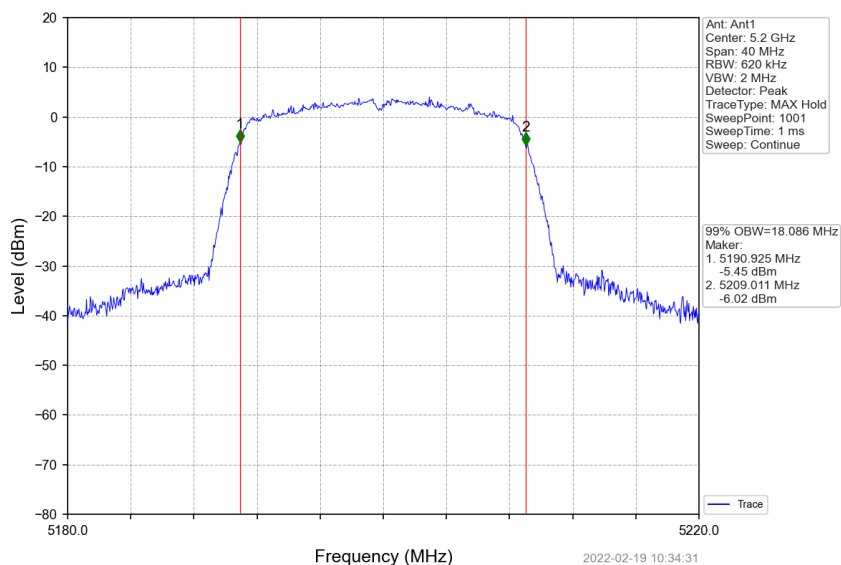
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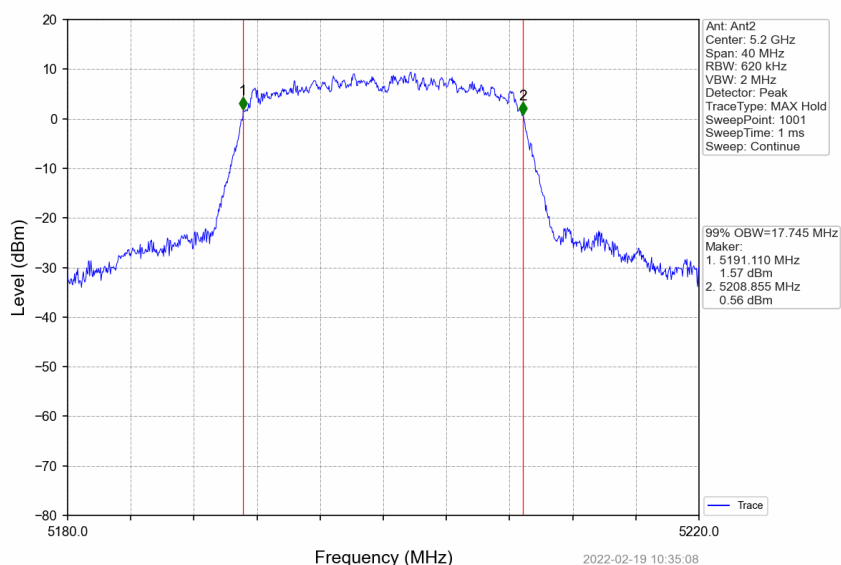
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802.11n(HT20)_MCH_5200MHz_Ant1_NTNV



802.11n(HT20)_MCH_5200MHz_Ant2_NTNV



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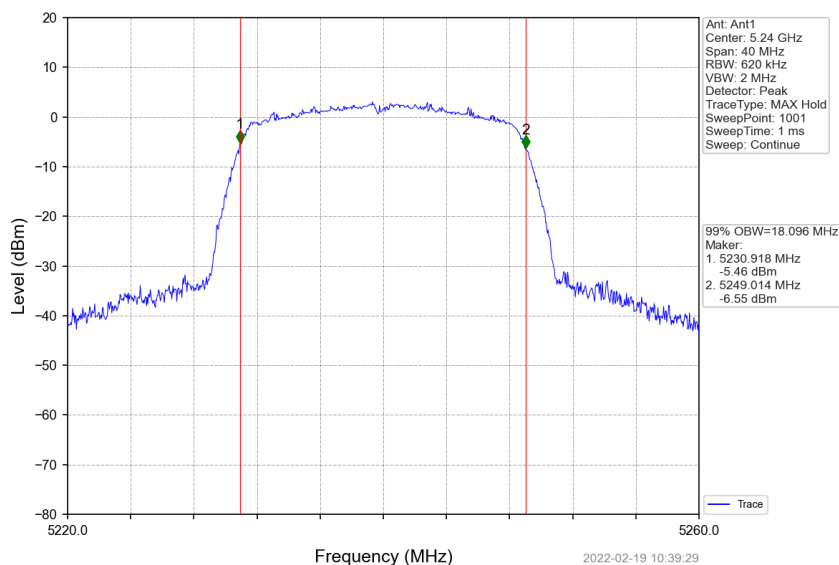
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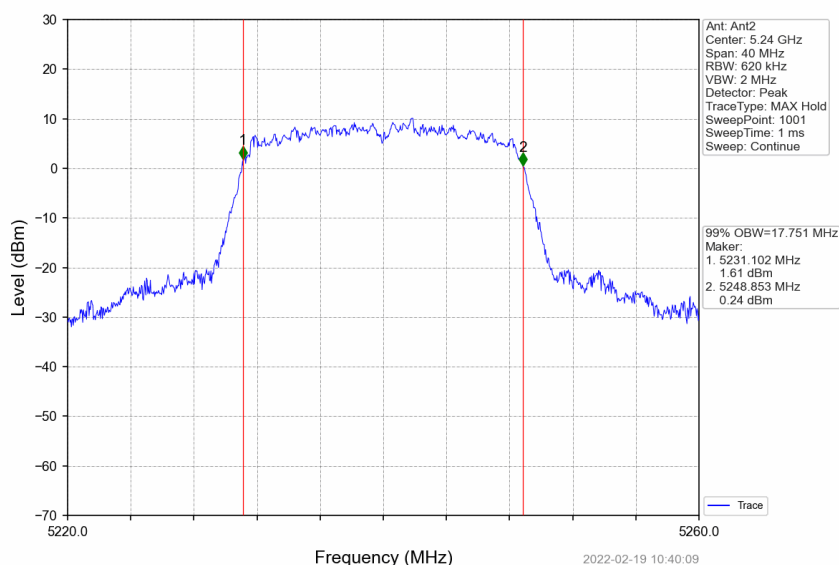
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802.11n(HT20) HCH 5240MHz Ant1 NTV



802.11n(HT20) HCH 5240MHz Ant2 NTV



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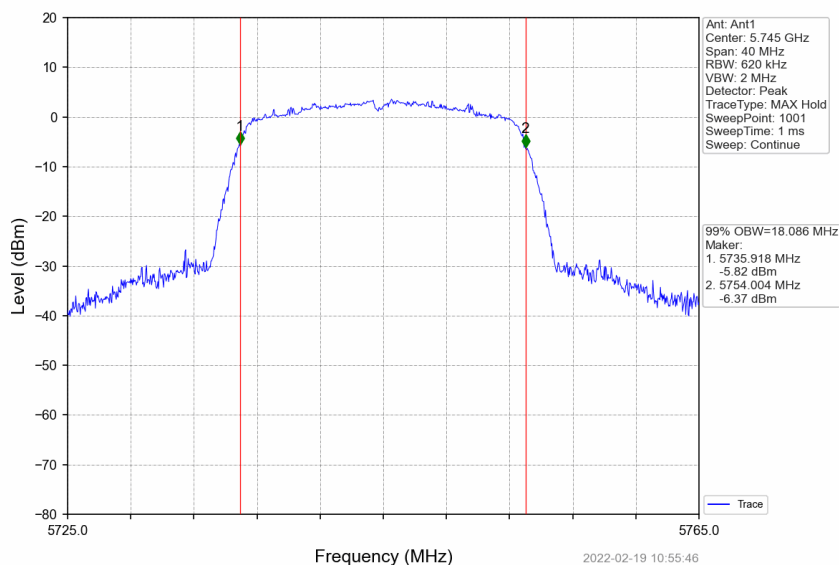
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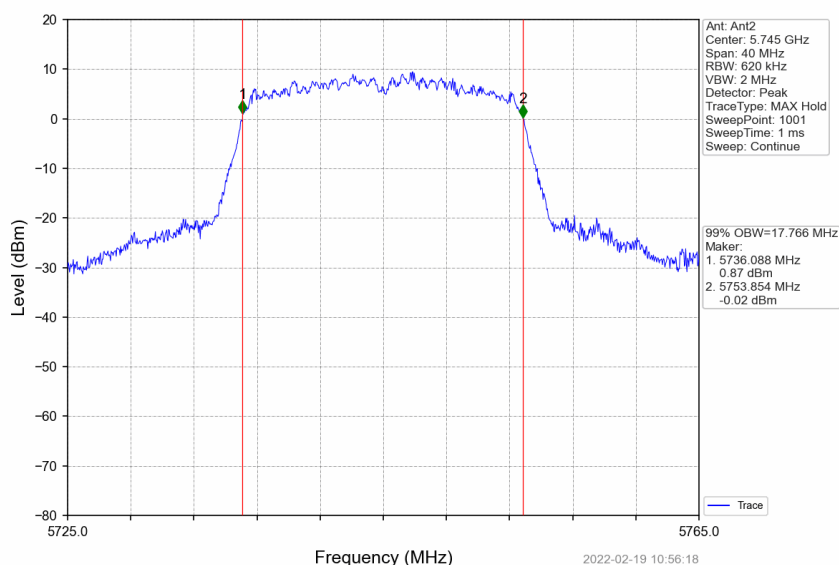
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802.11n(HT20) LCH_5745MHz_Ant1_NTNV



802.11n(HT20) LCH_5745MHz_Ant2_NTNV



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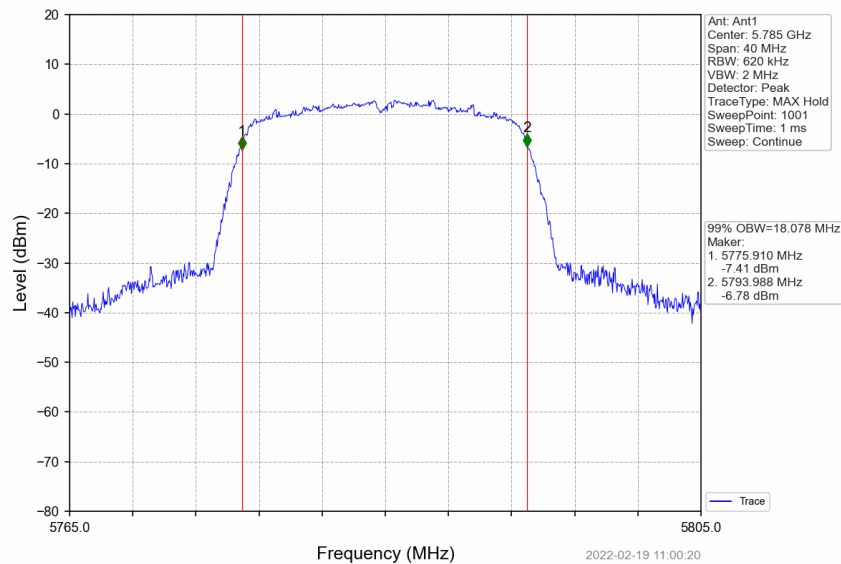
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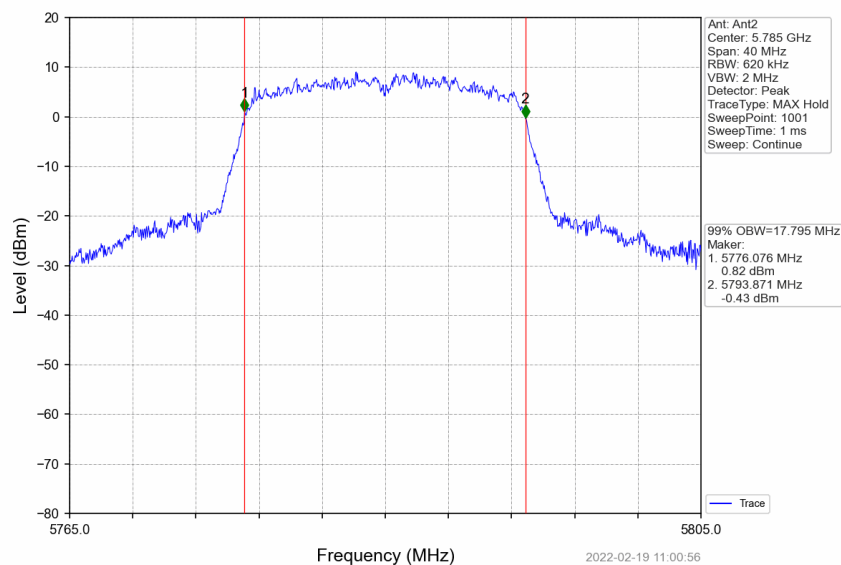
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802.11n(HT20)_MCH_5785MHz_Ant1_NTNV



802.11n(HT20)_MCH_5785MHz_Ant2_NTNV



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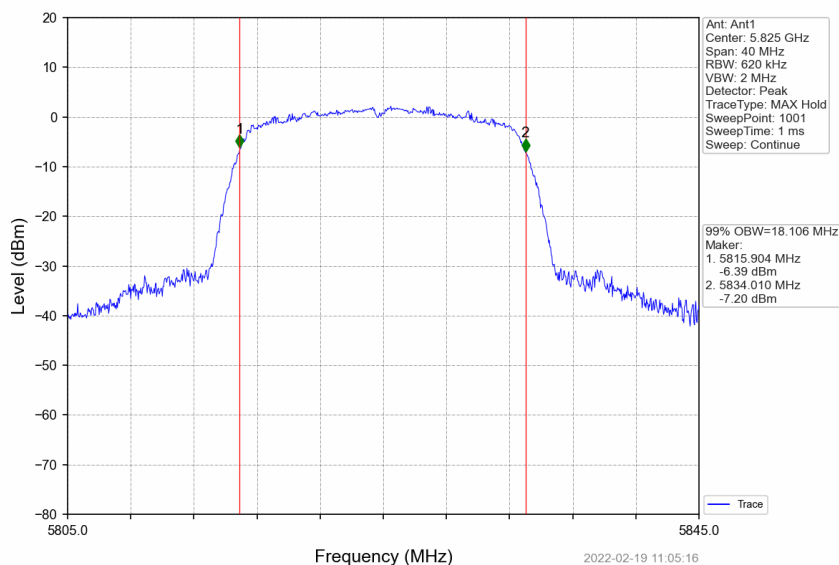
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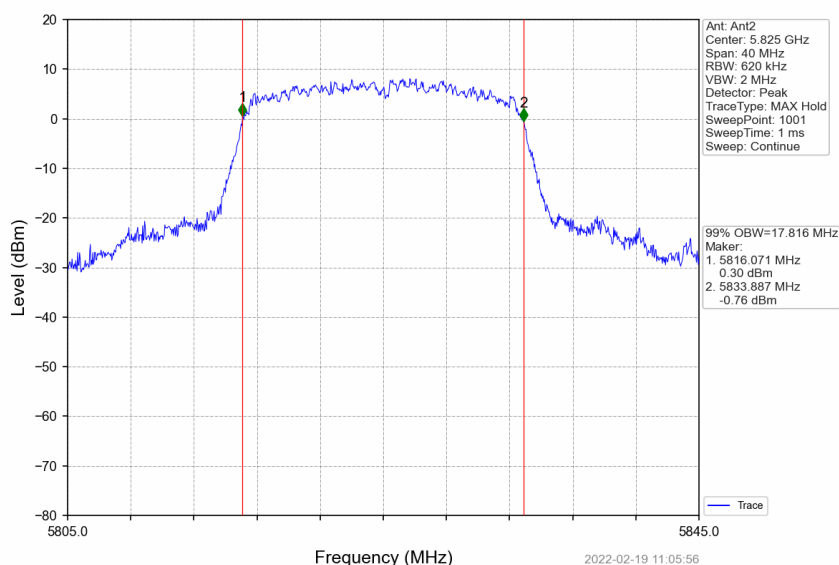
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802.11n(HT20) HCH 5825MHz Ant1 NTNV



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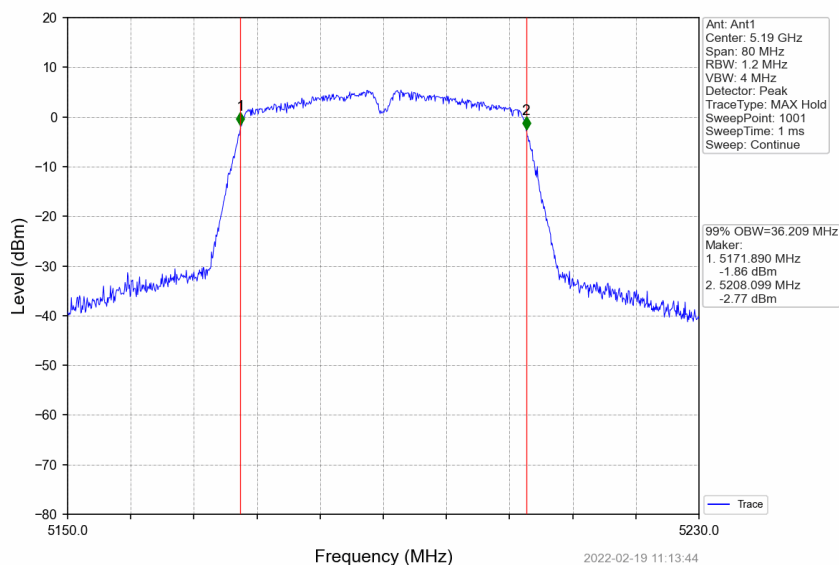
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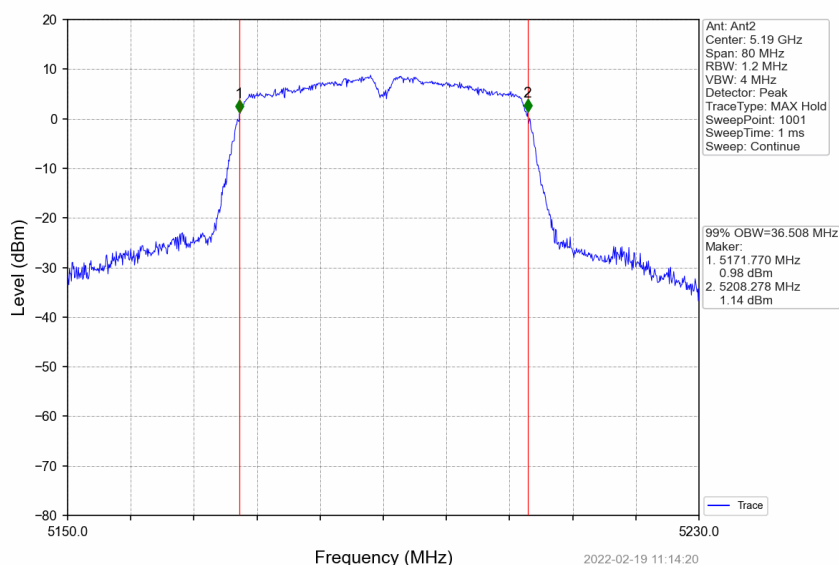
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802.11n(HT40) LCH 5190MHz Ant1 NTN



802.11n(HT40) LCH 5190MHz Ant2 NTN



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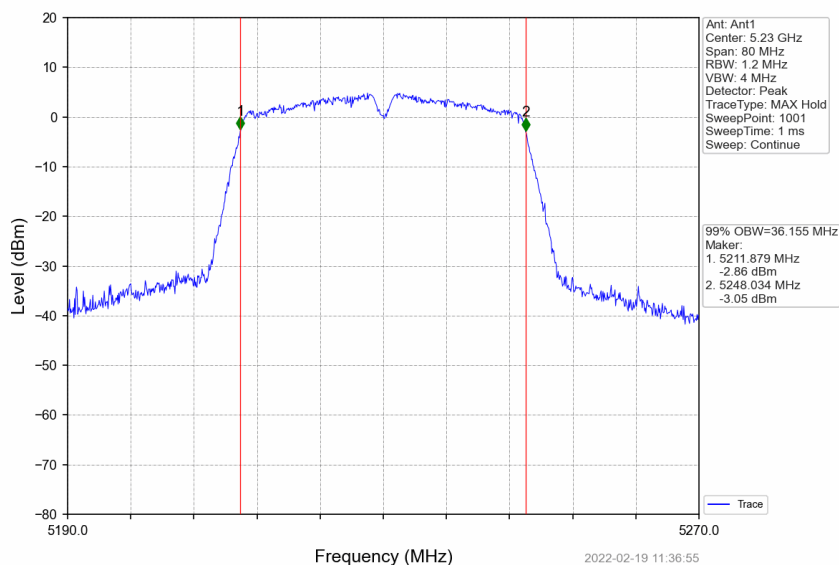
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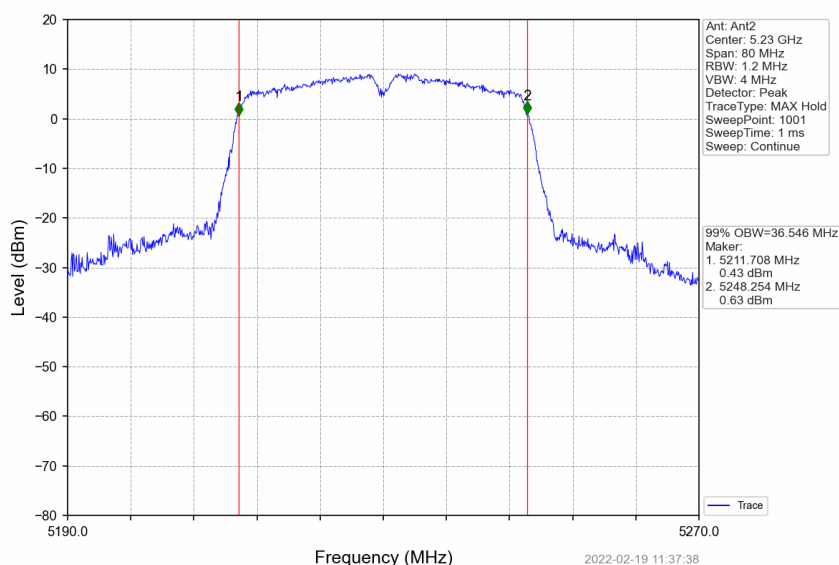
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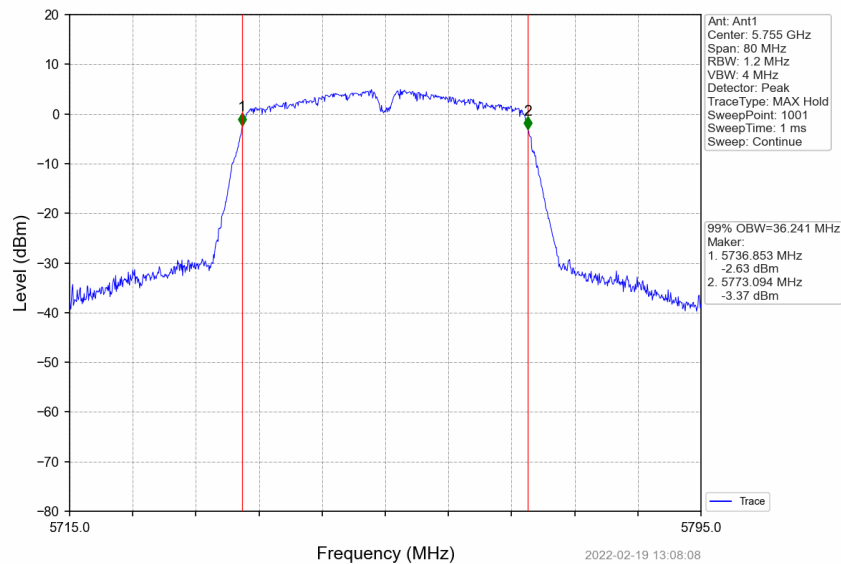
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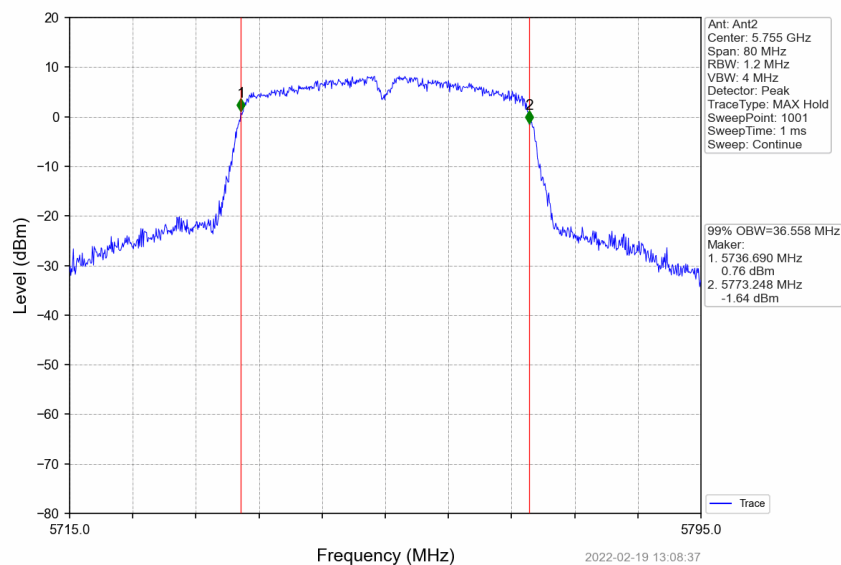
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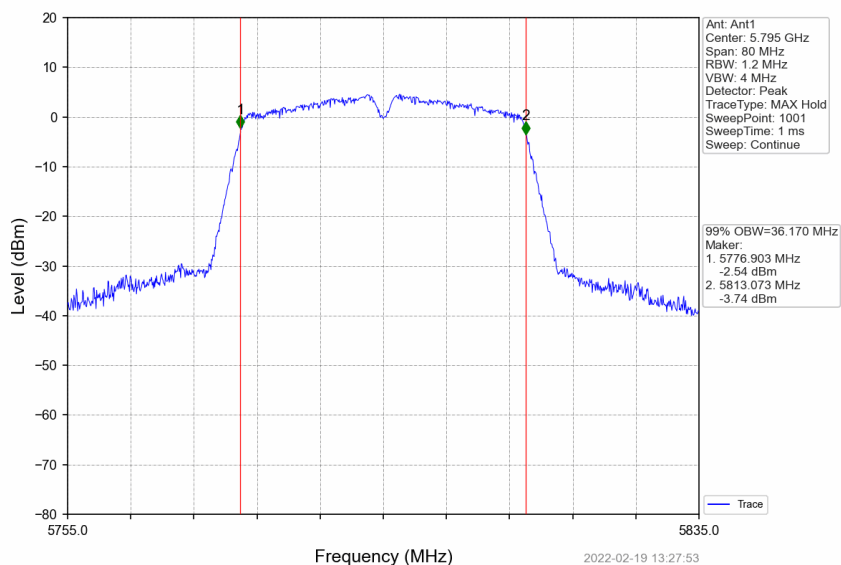
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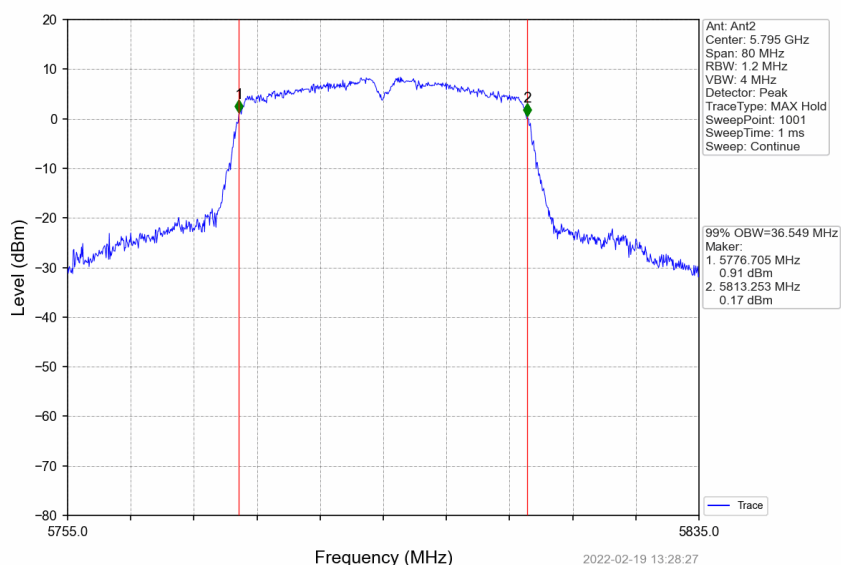
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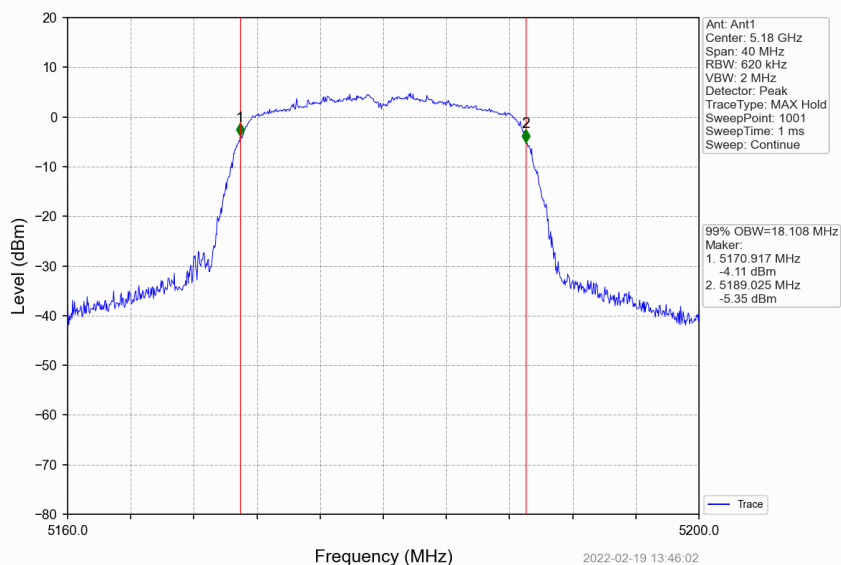
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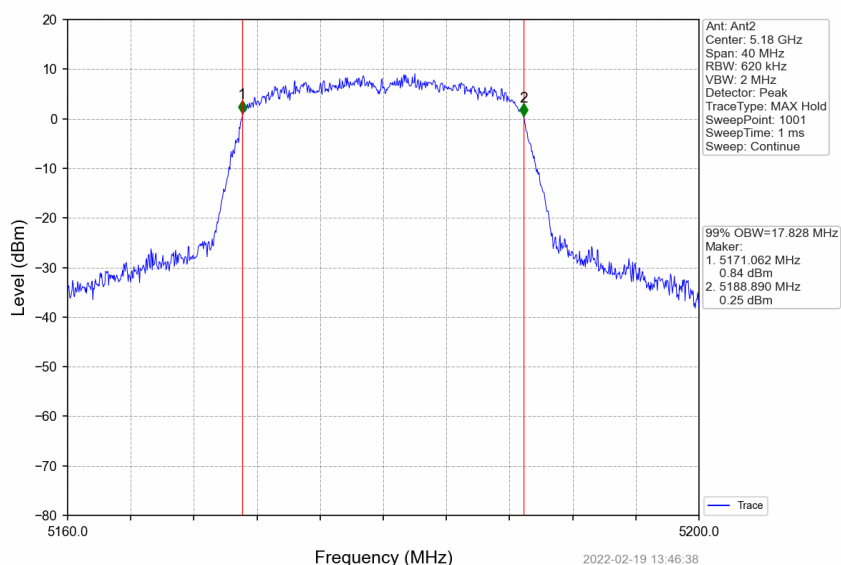
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802.11ac(VHT20) LCH_5180MHz_Ant1_NTNV



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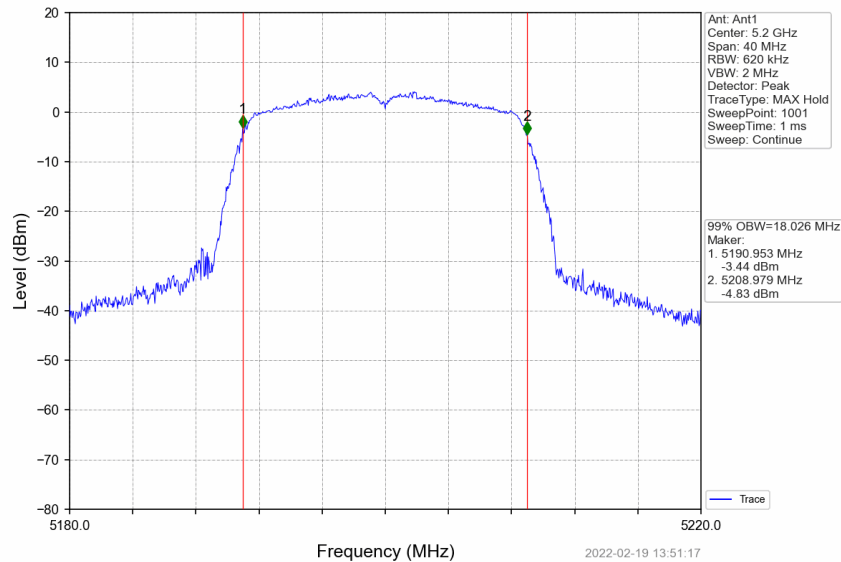
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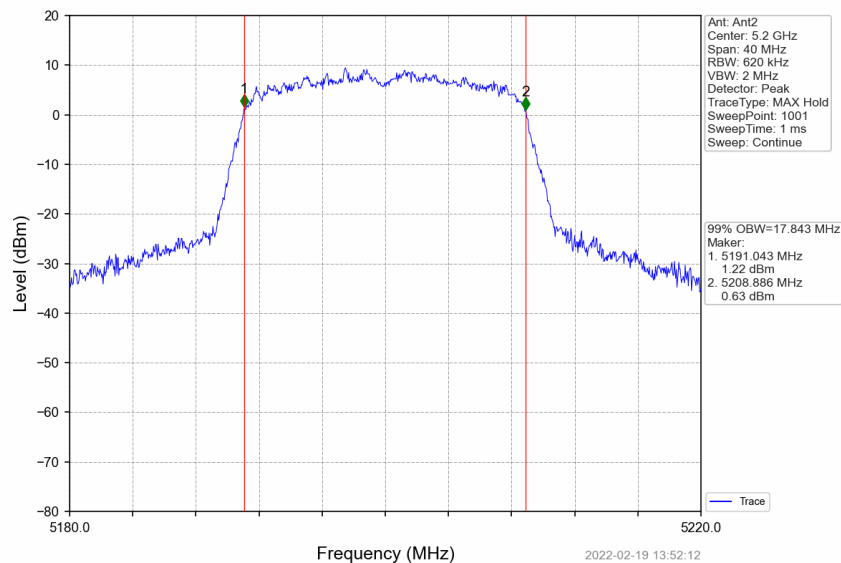
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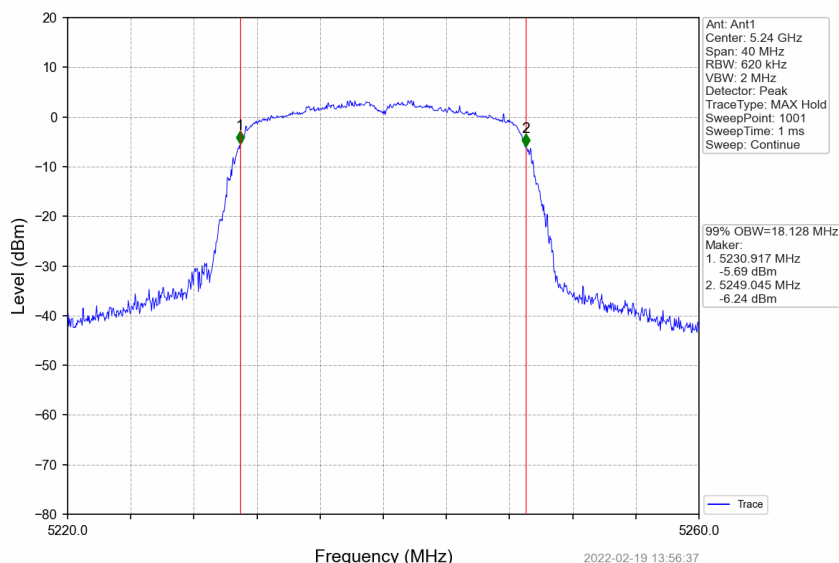
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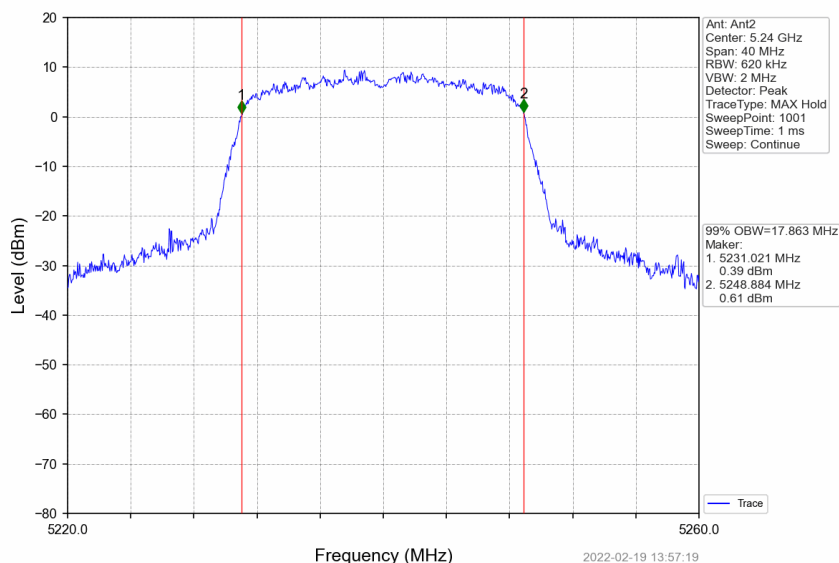
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802.11ac(VHT20) HCH 5240MHz Ant1 NTNV



802.11ac(VHT20) HCH 5240MHz Ant2 NTNV



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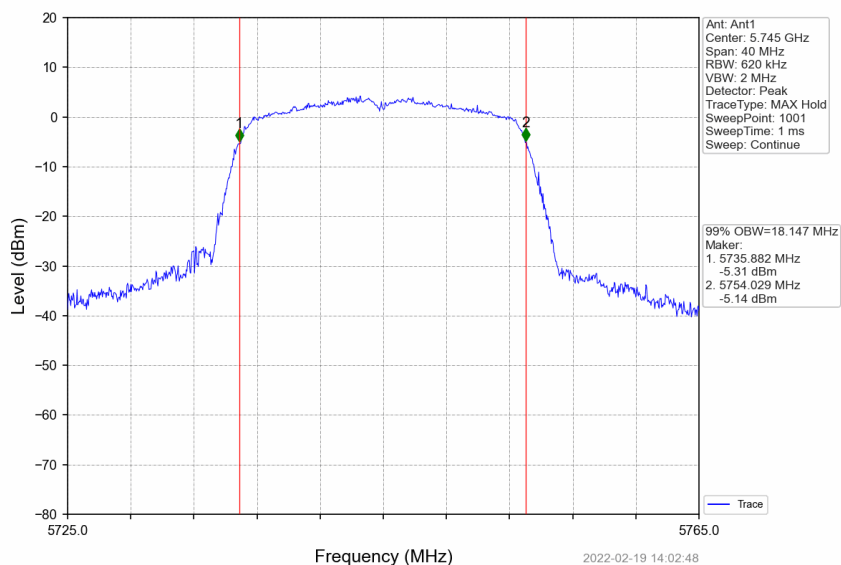
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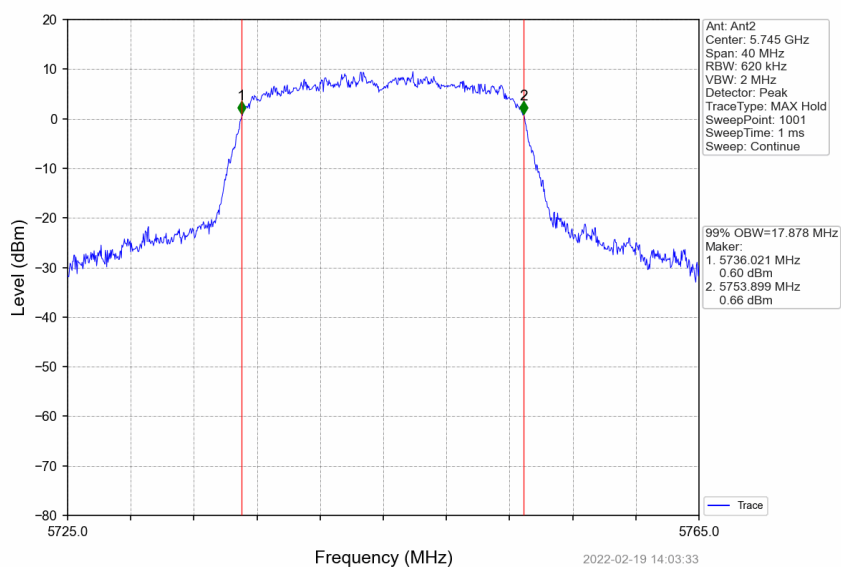
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802.11ac(VHT20) LCH_5745MHz_Ant1_NTNV



802.11ac(VHT20) LCH_5745MHz_Ant2_NTNV



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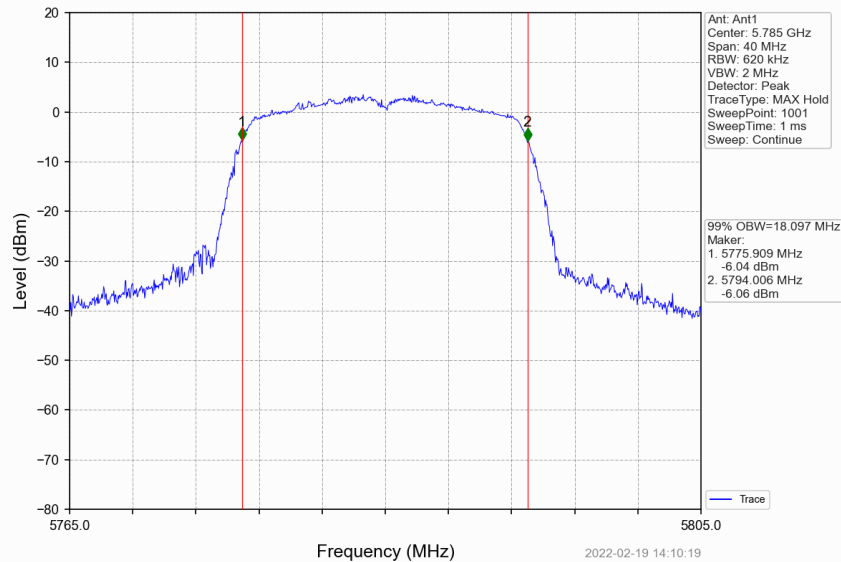
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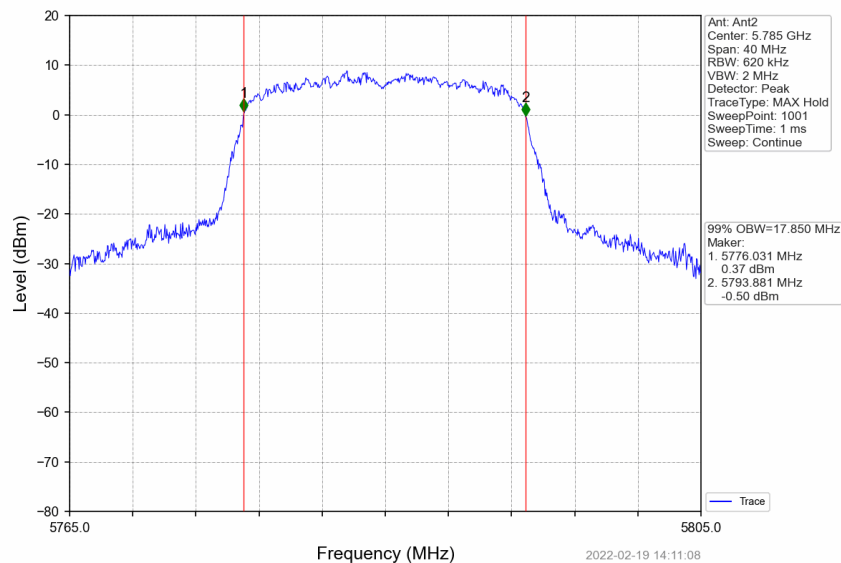
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802.11ac(VHT20) MCH 5785MHz Ant1_NTNV



802.11ac(VHT20) MCH 5785MHz Ant2_NTNV



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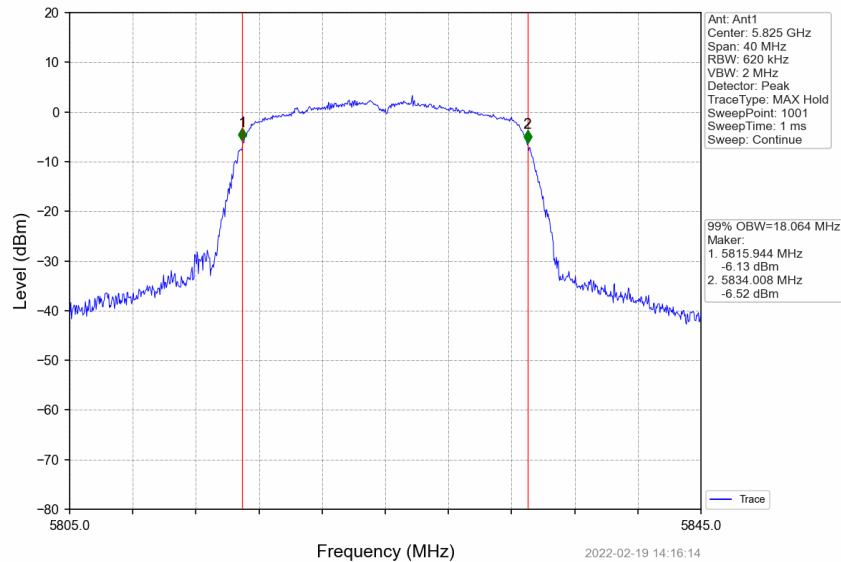
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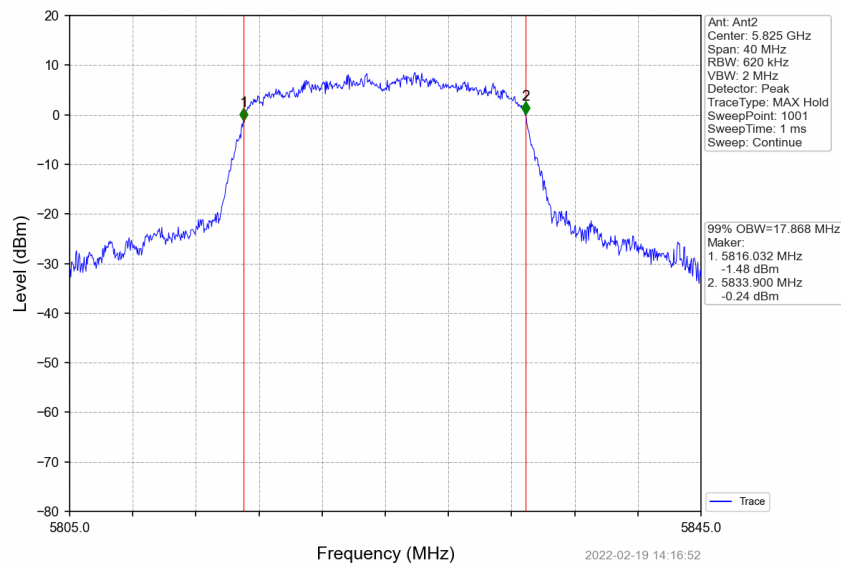
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802.11ac(VHT20) HCH 5825MHz Ant1 NTN



802.11ac(VHT20) HCH 5825MHz Ant2 NTN



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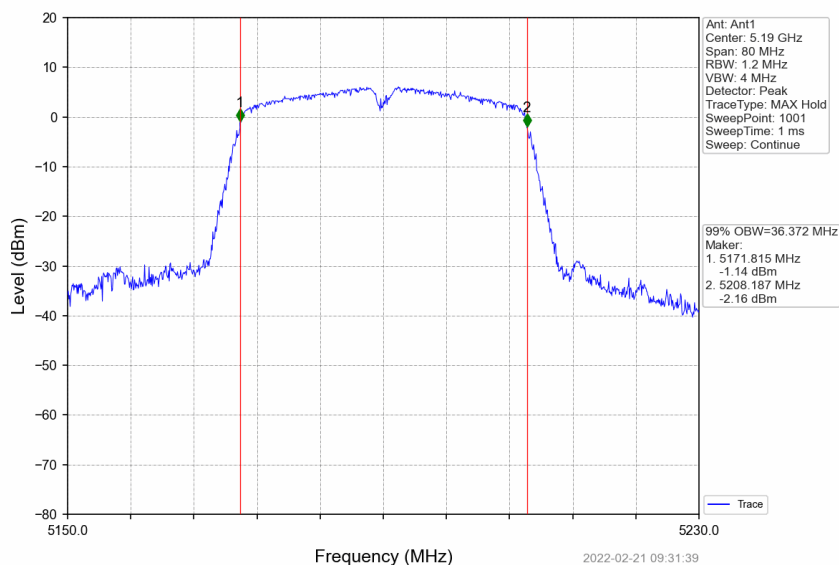
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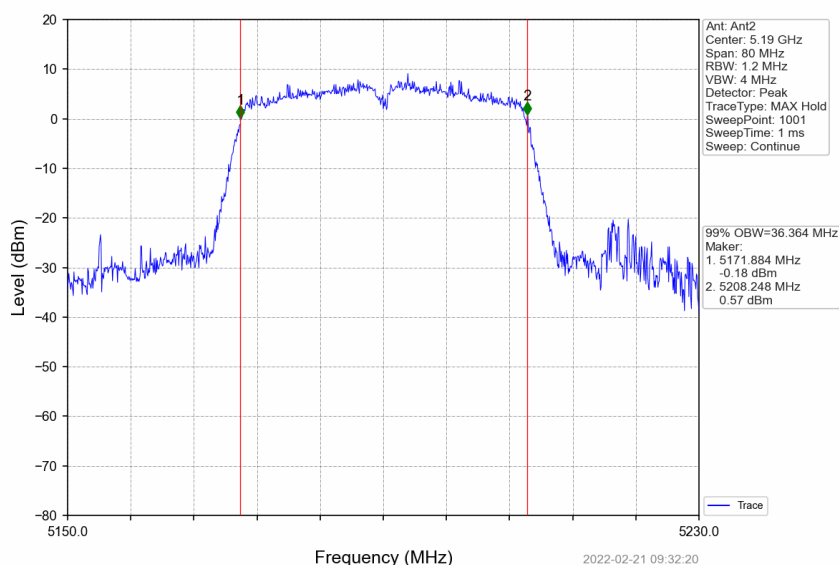
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802.11ac(VHT40) LCH_5190MHz_Ant1_NTNV



802.11ac(VHT40) LCH_5190MHz_Ant2_NTNV



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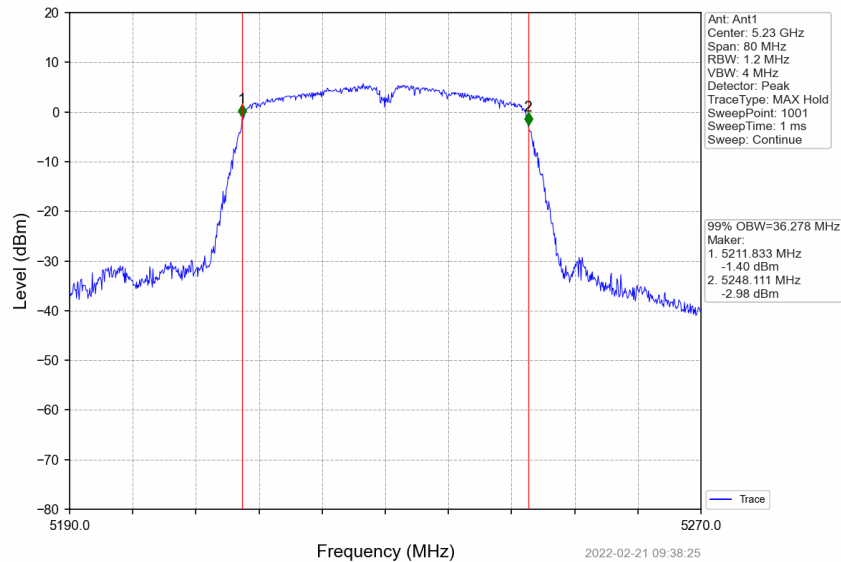
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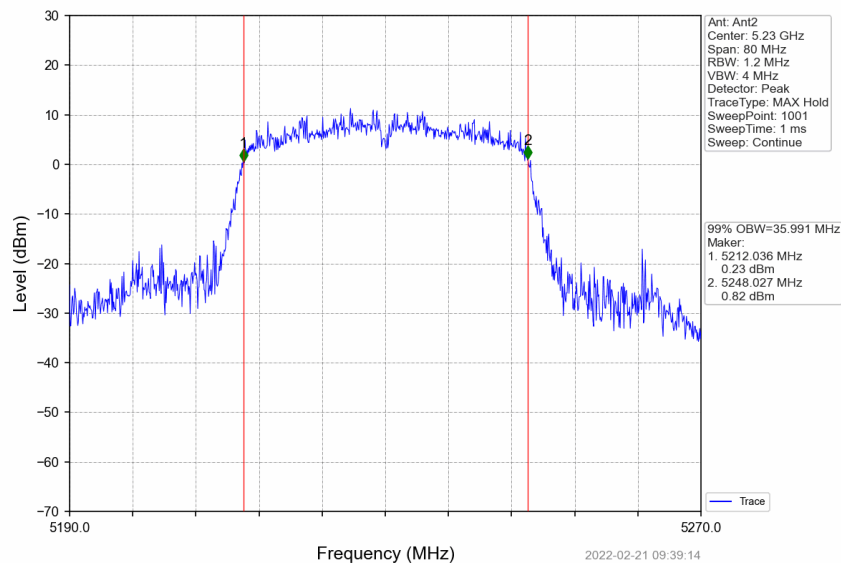
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802.11ac(VHT40) HCH 5230MHz Ant1 NTNV



802.11ac(VHT40) HCH 5230MHz Ant2 NTNV



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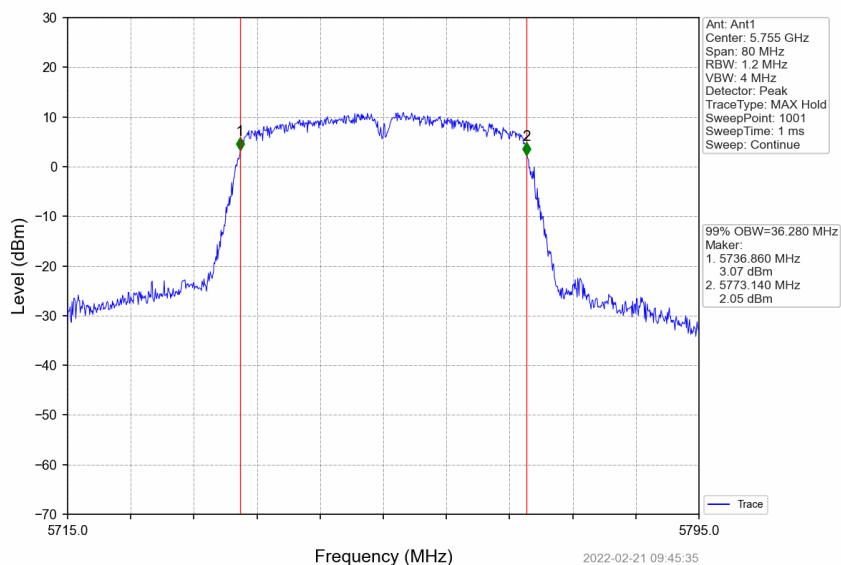
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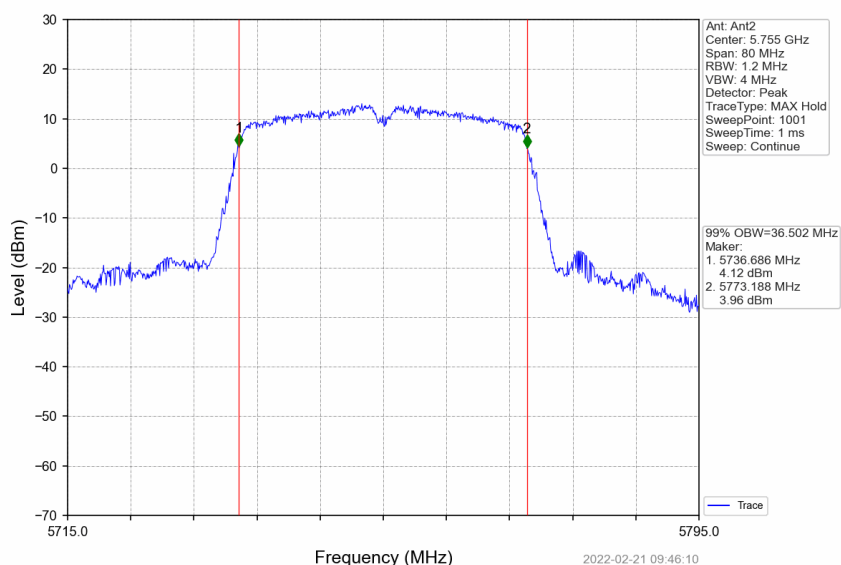
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802.11ac(VHT40) LCH_5755MHz_Ant1_NTNV



802.11ac(VHT40) LCH_5755MHz_Ant2_NTNV



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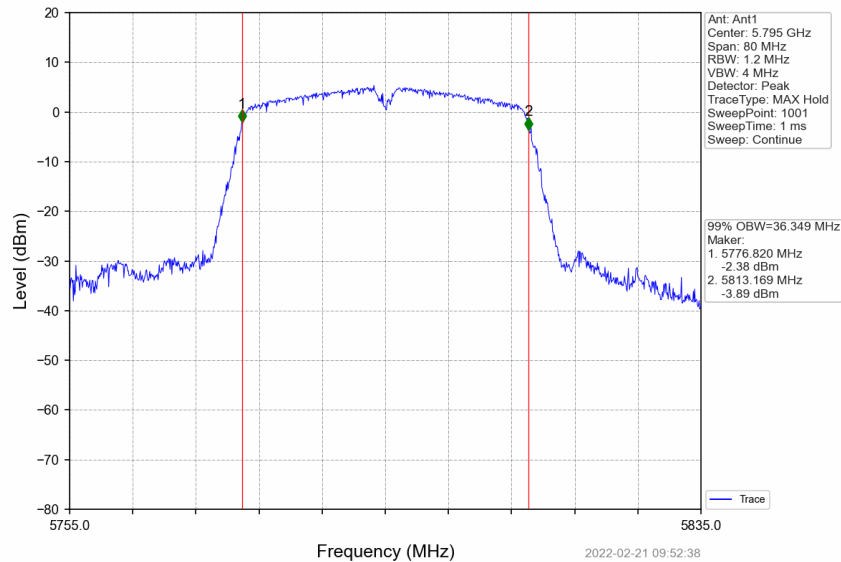
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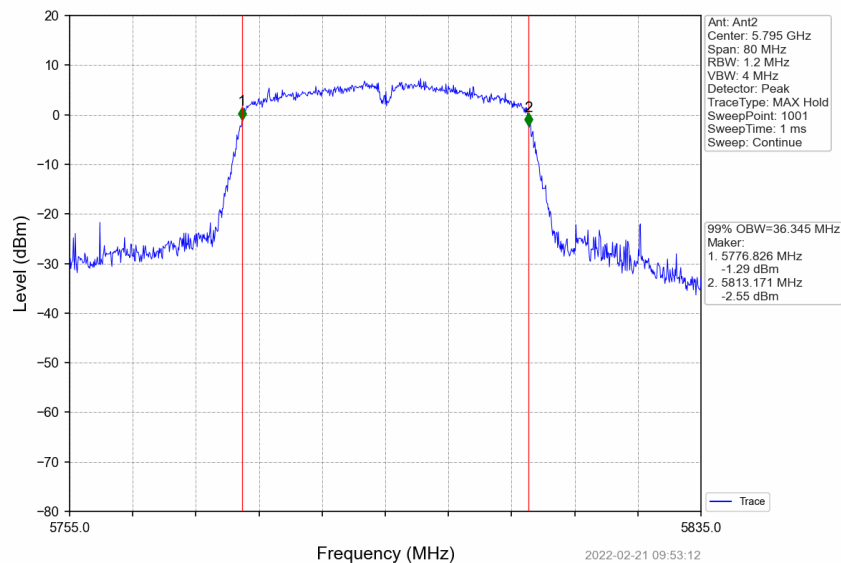
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802.11ac(VHT40) HCH 5795MHz Ant1 NTNV



802.11ac(VHT40) HCH 5795MHz Ant2 NTNV



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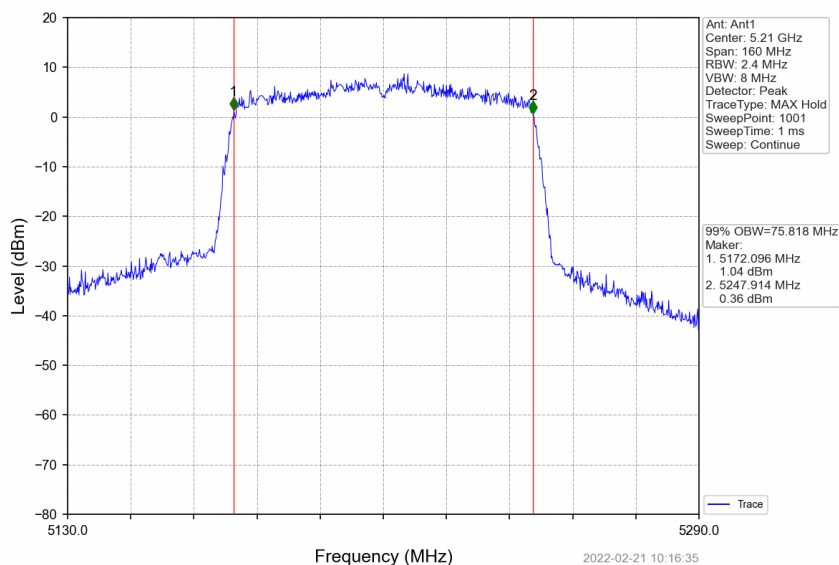
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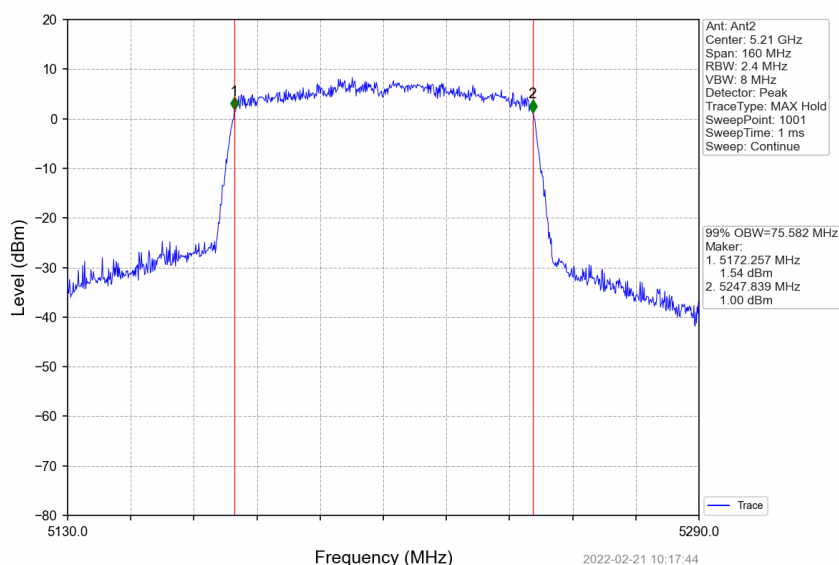
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802.11ac(VHT80) MCH 5210MHz Ant1_NTNV



802.11ac(VHT80) MCH 5210MHz Ant2_NTNV



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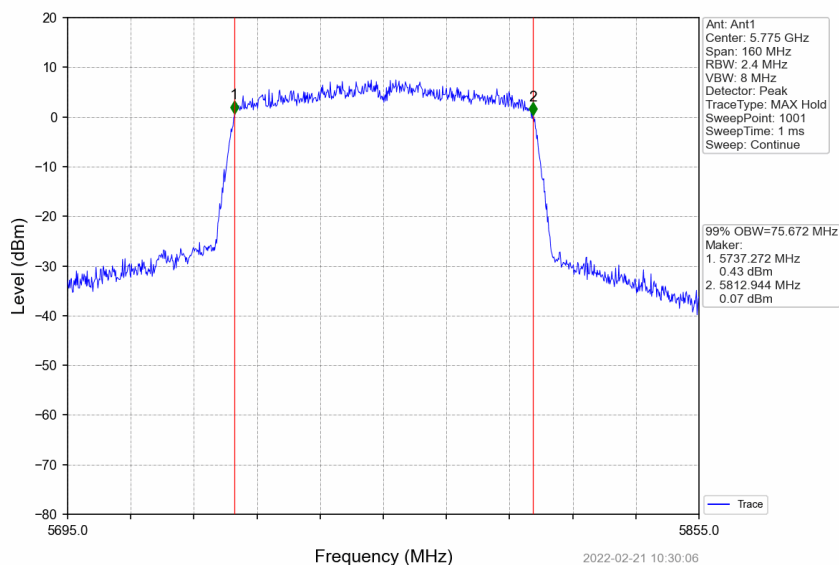
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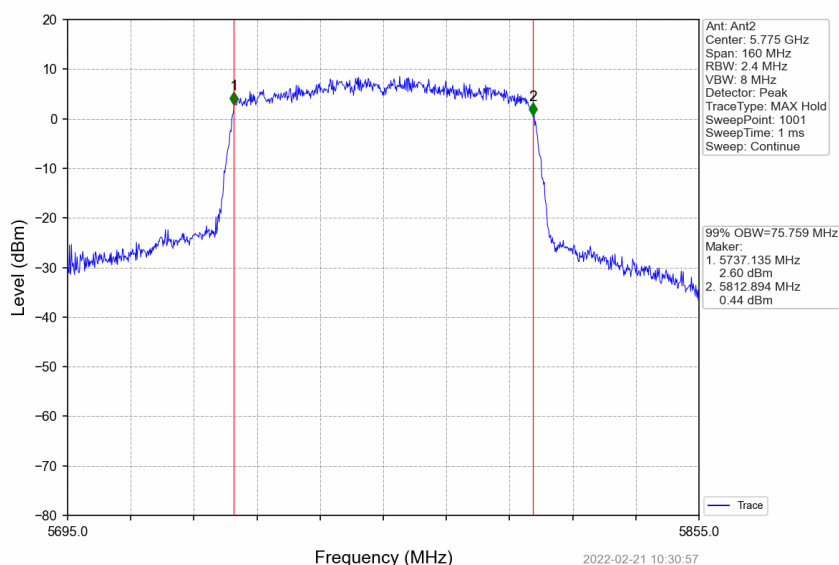
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802.11ac(VHT80) MCH 5775MHz Ant1_NTNV



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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	15.067	≥ 0.5	Pass
			2	15.132	≥ 0.5	Pass
		5785	1	15.149	≥ 0.5	Pass
			2	15.163	≥ 0.5	Pass
		5825	1	15.113	≥ 0.5	Pass
			2	15.058	≥ 0.5	Pass
802.11n (HT20)	MIMO	5745	1	15.139	≥ 0.5	Pass
			2	15.718	≥ 0.5	Pass
		5785	1	15.164	≥ 0.5	Pass
			2	15.140	≥ 0.5	Pass
		5825	1	15.147	≥ 0.5	Pass
			2	16.525	≥ 0.5	Pass
802.11n (HT40)	MIMO	5755	1	35.158	≥ 0.5	Pass
			2	35.142	≥ 0.5	Pass
		5795	1	35.144	≥ 0.5	Pass
			2	35.122	≥ 0.5	Pass
802.11ac (VHT20)	MIMO	5745	1	15.154	≥ 0.5	Pass
			2	15.144	≥ 0.5	Pass
		5785	1	15.145	≥ 0.5	Pass
			2	15.139	≥ 0.5	Pass
		5825	1	15.148	≥ 0.5	Pass
			2	15.116	≥ 0.5	Pass
802.11ac (VHT40)	MIMO	5755	1	35.165	≥ 0.5	Pass
			2	35.145	≥ 0.5	Pass
		5795	1	35.155	≥ 0.5	Pass
			2	35.108	≥ 0.5	Pass
802.11ac (VHT80)	MIMO	5775	1	75.172	≥ 0.5	Pass
			2	75.142	≥ 0.5	Pass



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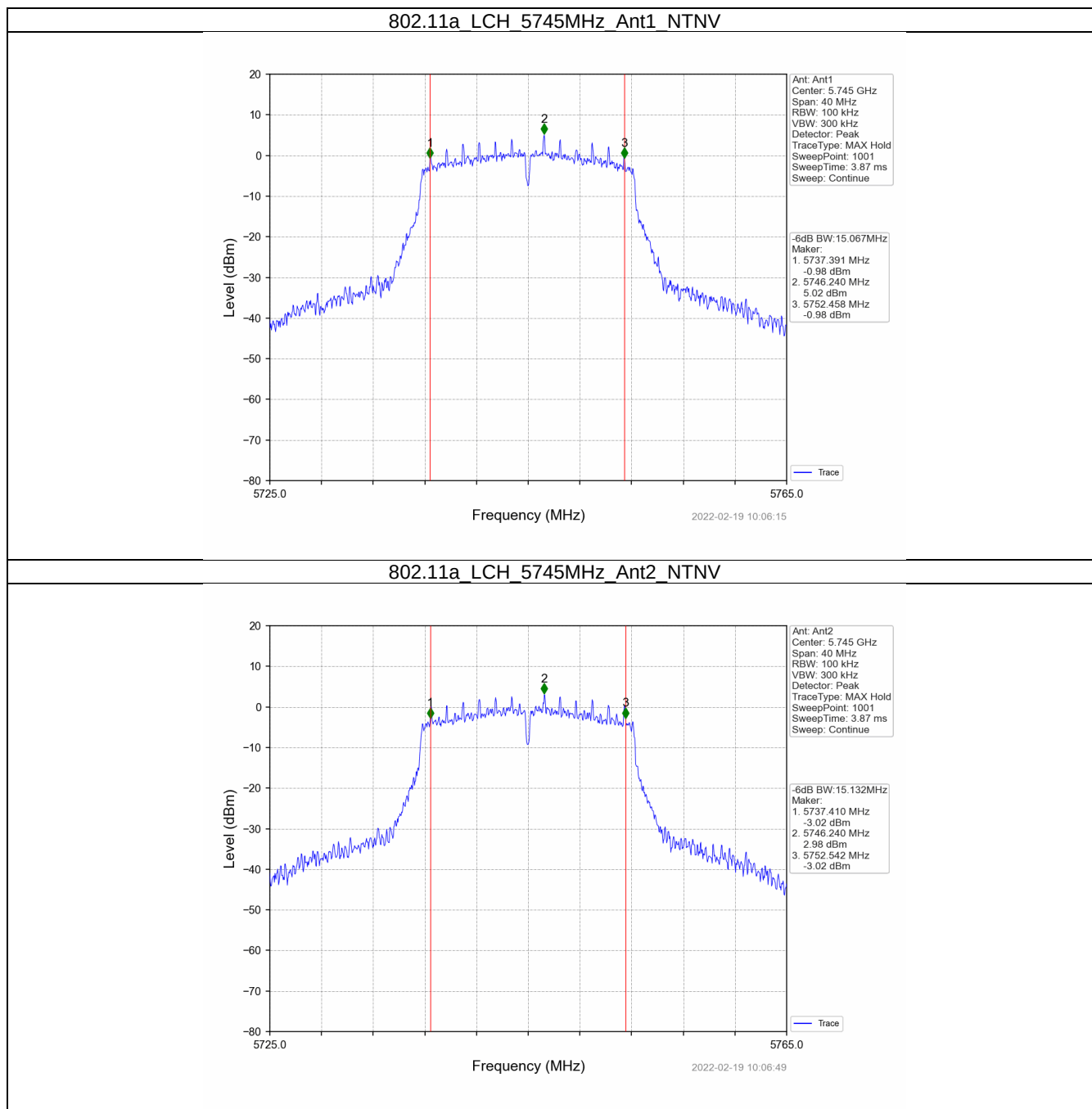
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2.2.2 Test Graph



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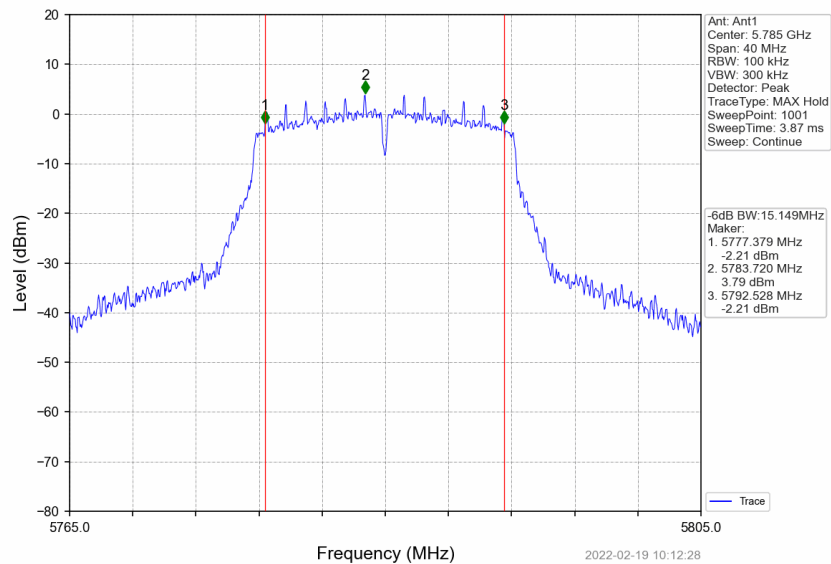
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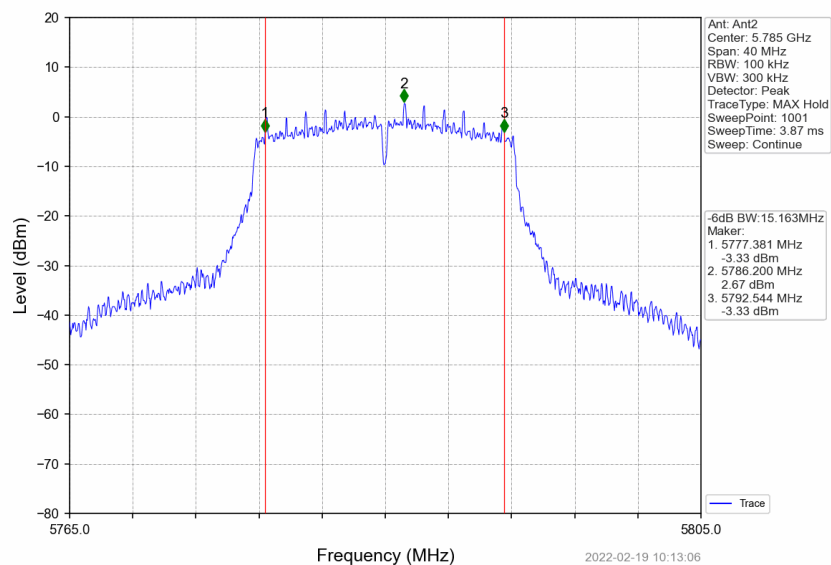
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802.11a_MCH_5785MHz_Ant1_NTNV



802.11a_MCH_5785MHz_Ant2_NTNV



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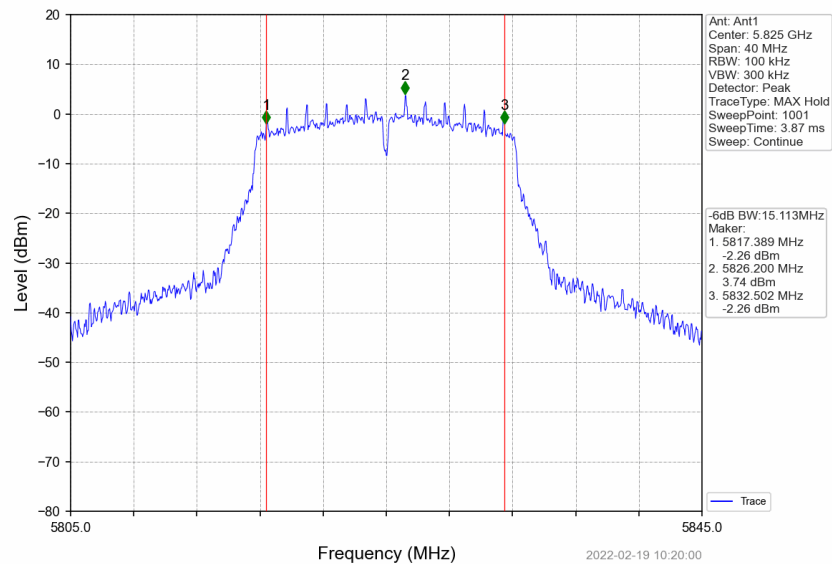
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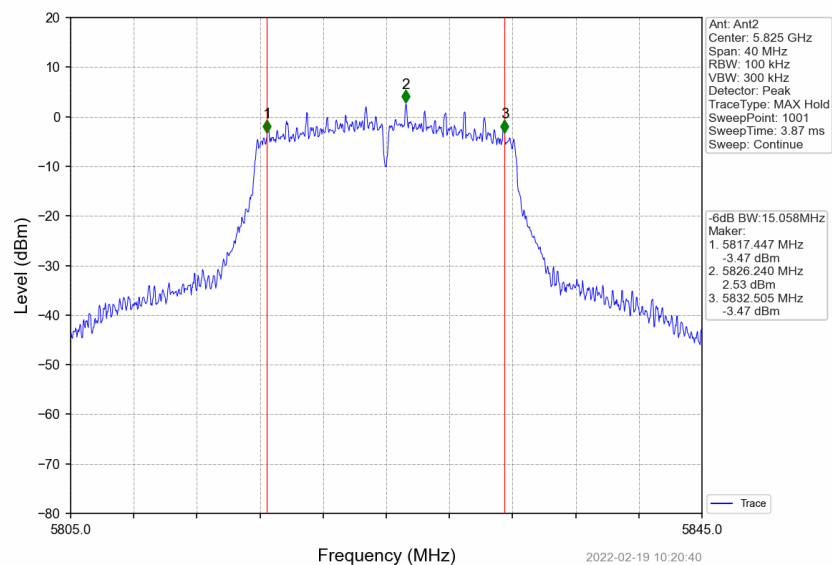
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802.11a_HCH_5825MHz_Ant1_NTNV



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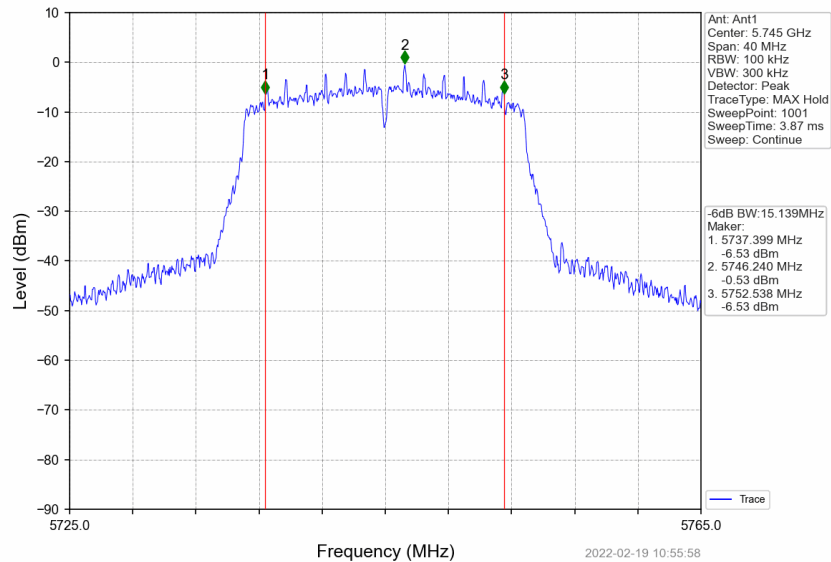
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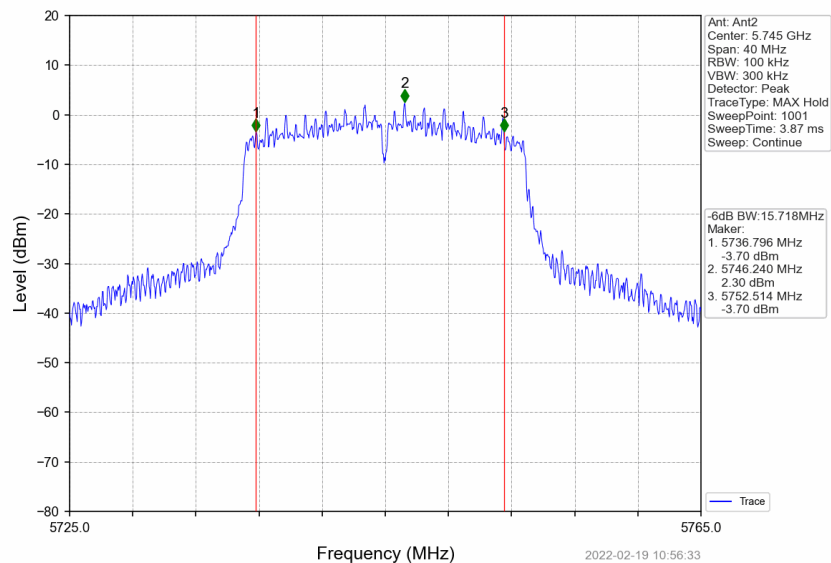
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802.11n(HT20) LCH_5745MHz_Ant1_NTNV



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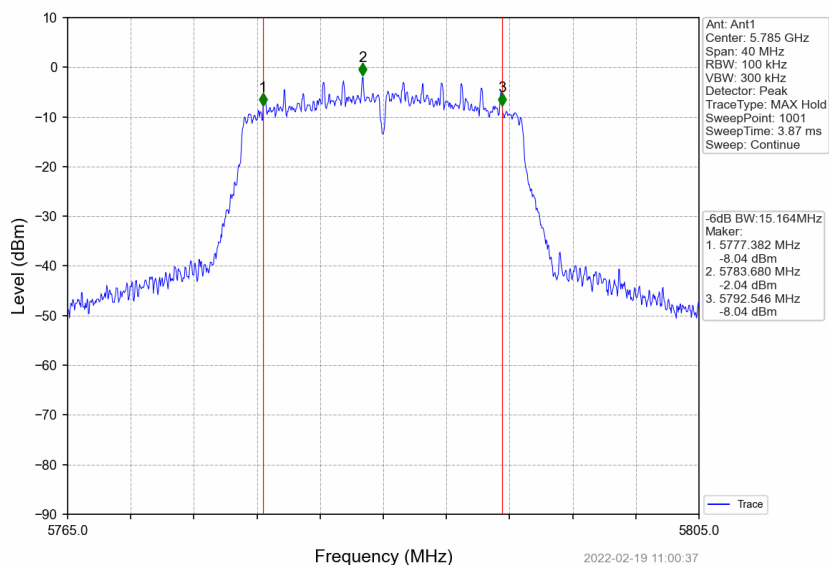
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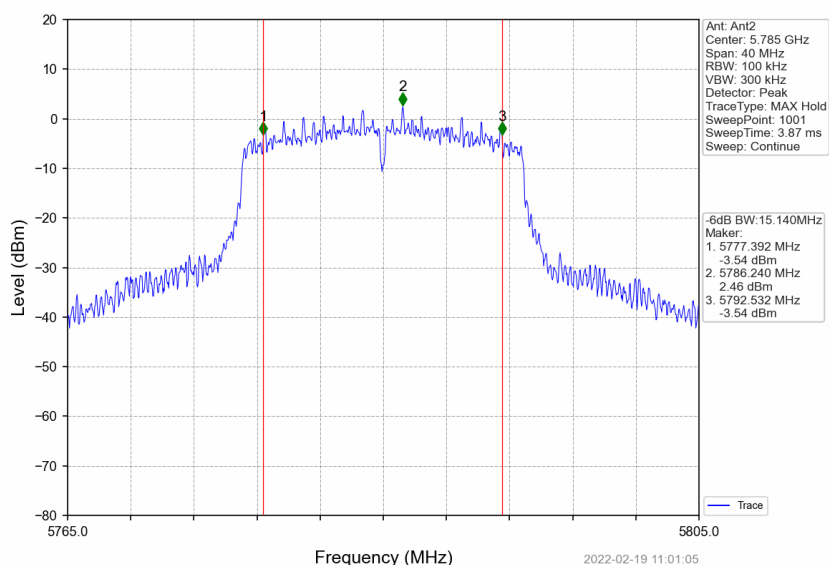
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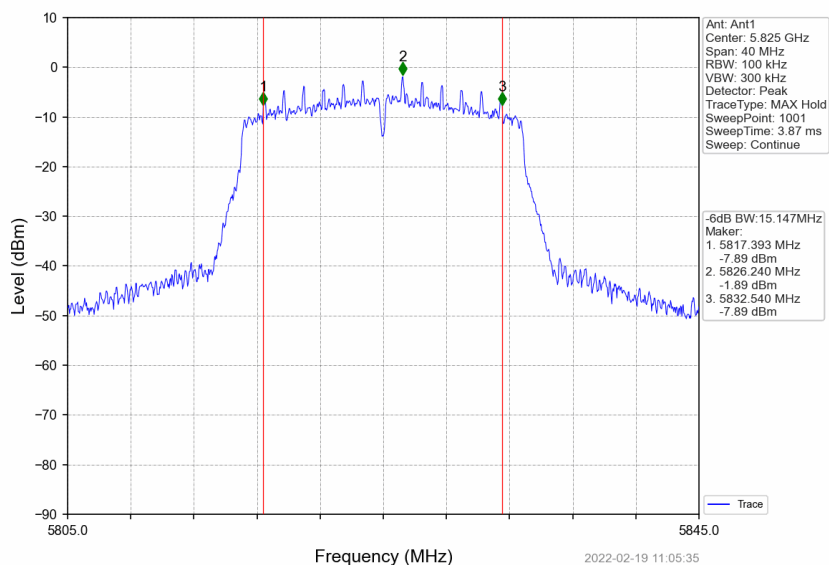
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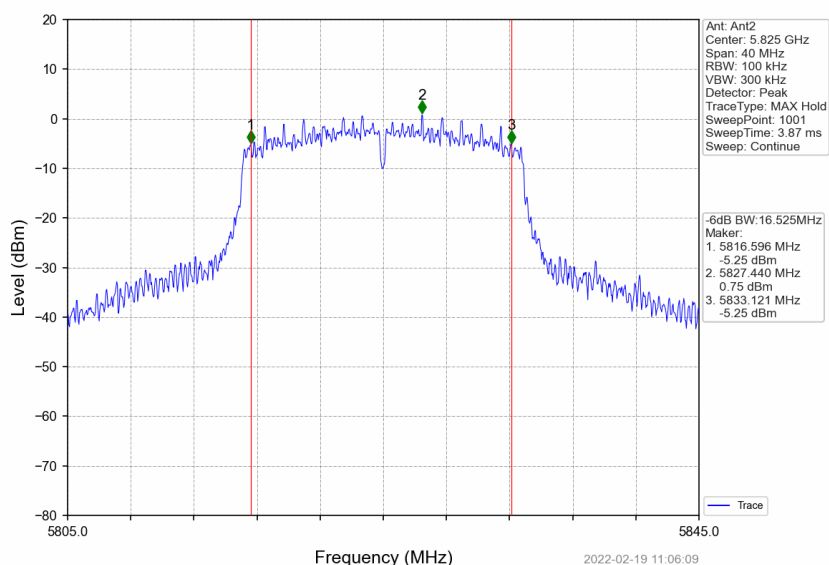
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