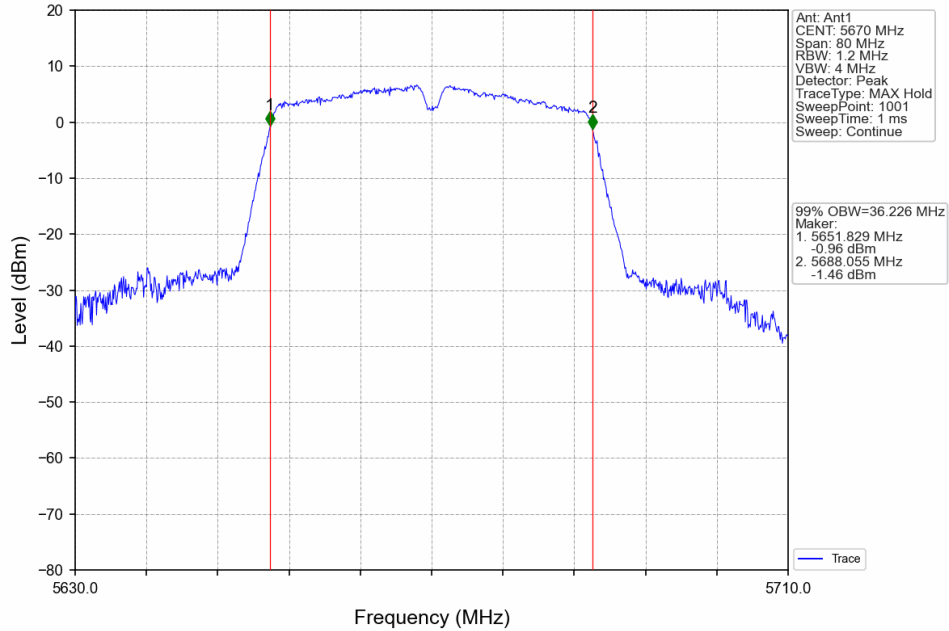
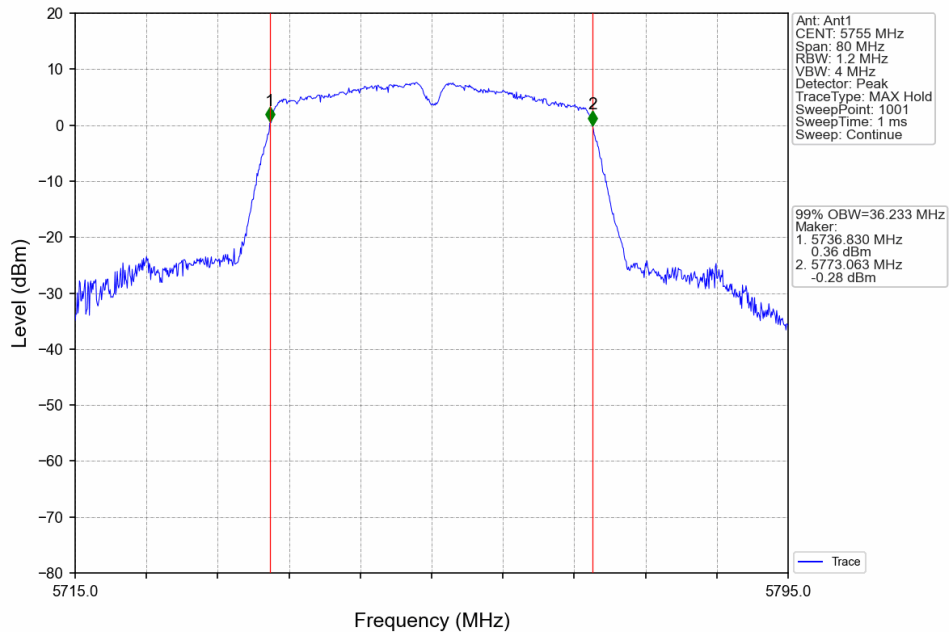


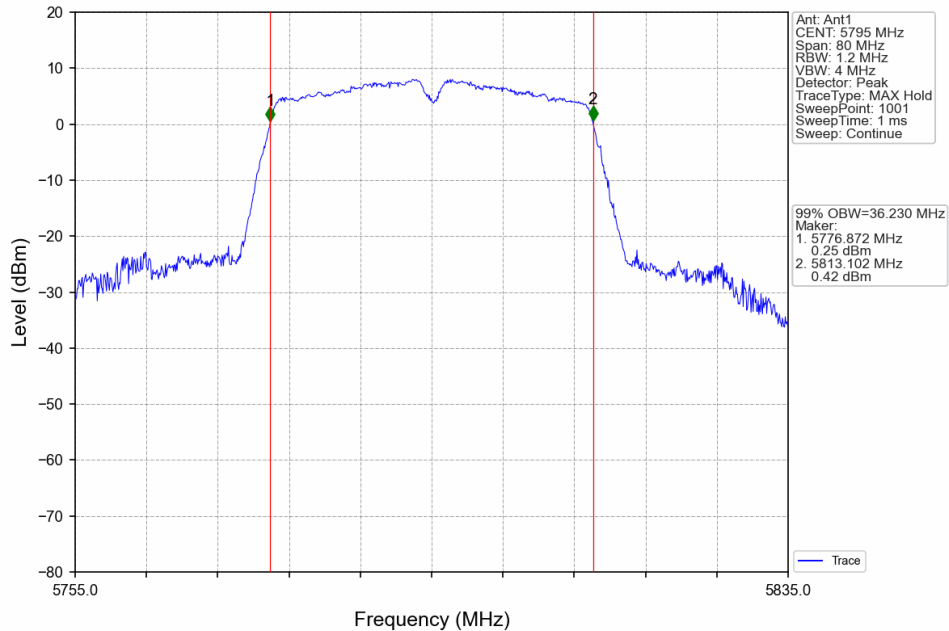
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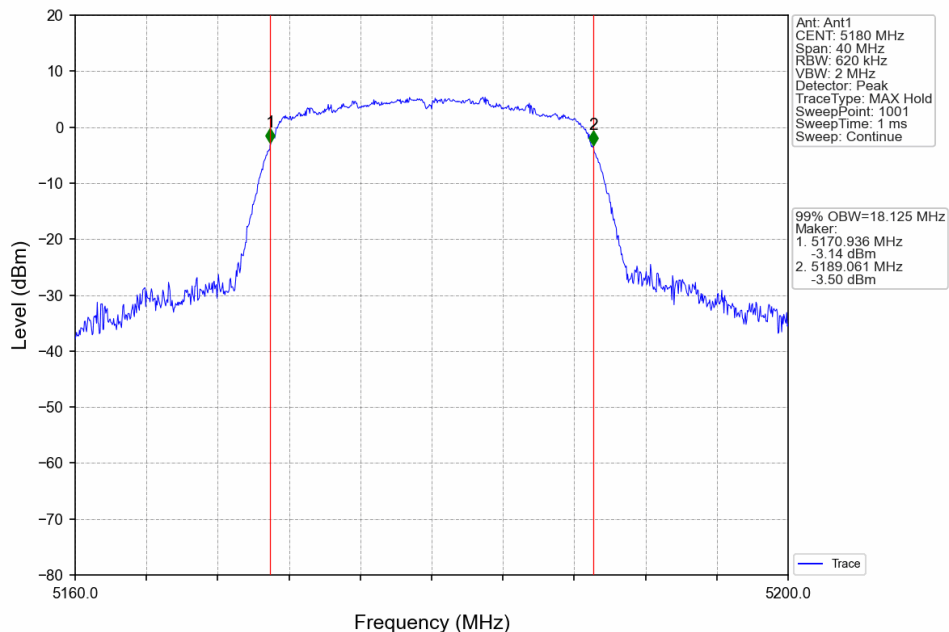
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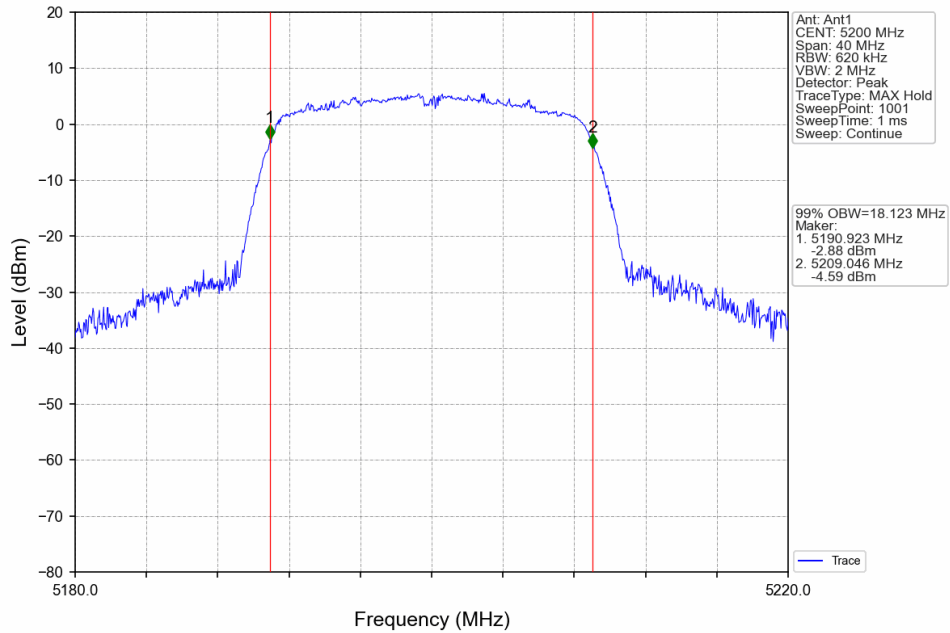
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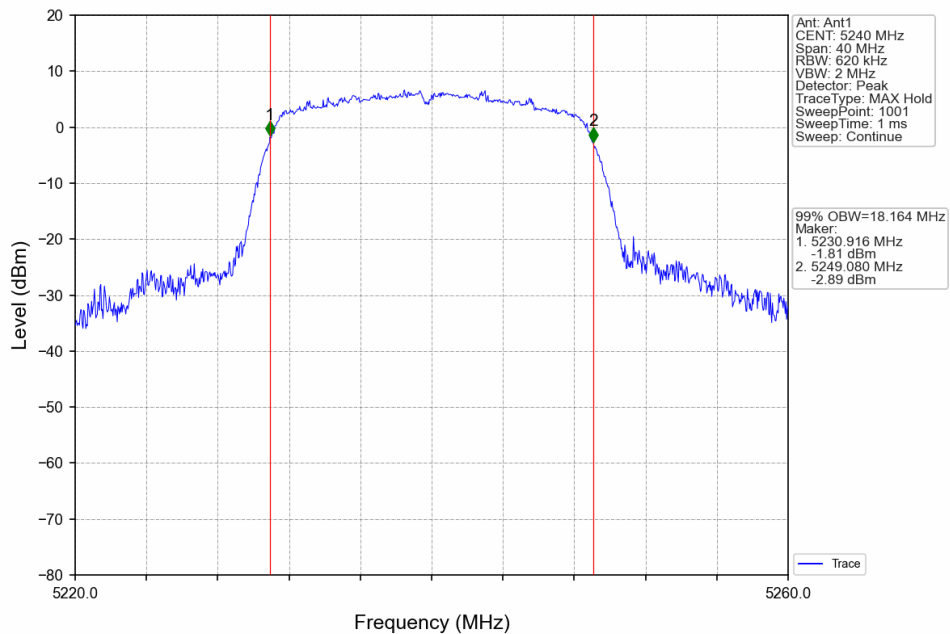
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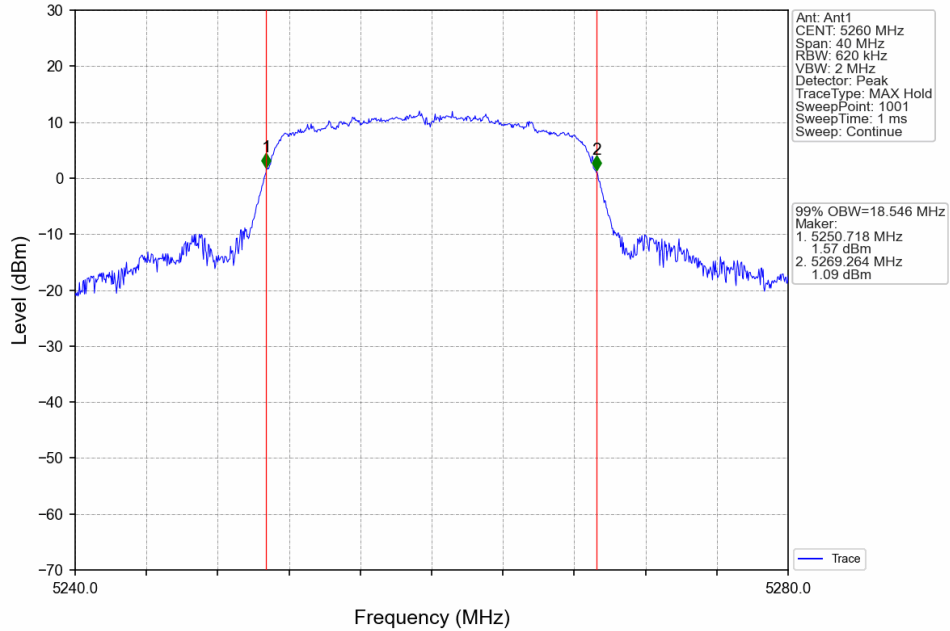
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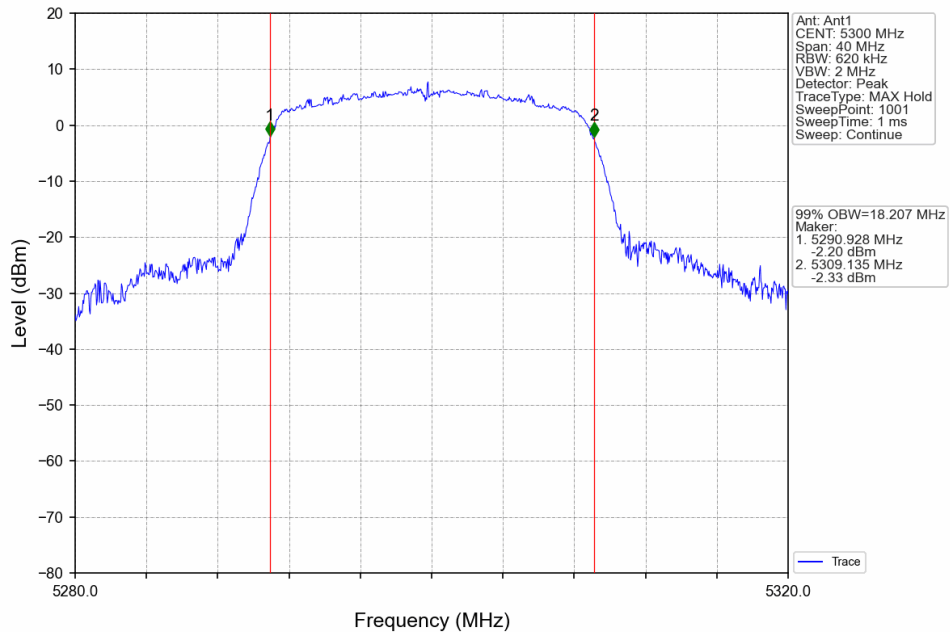
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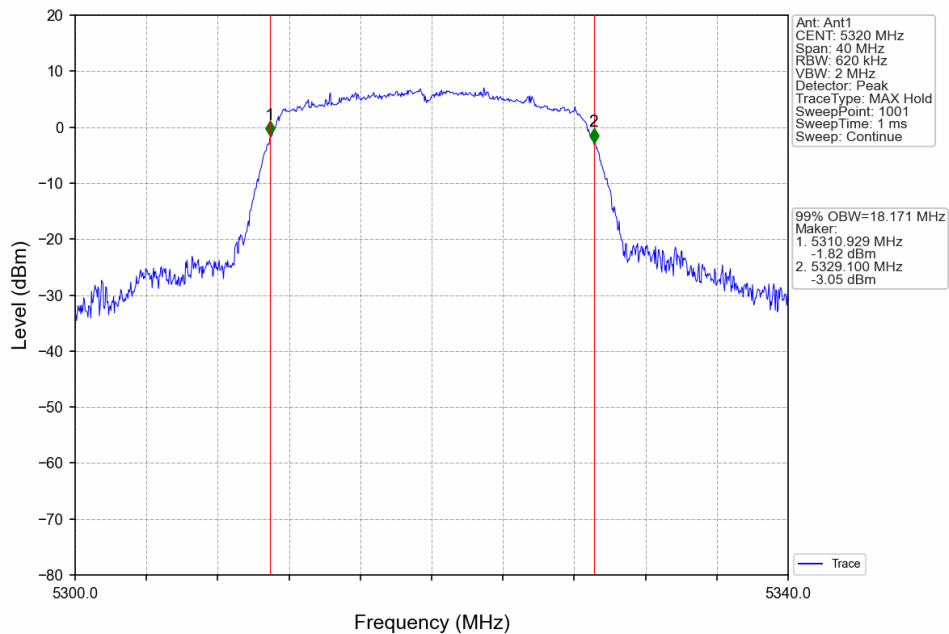
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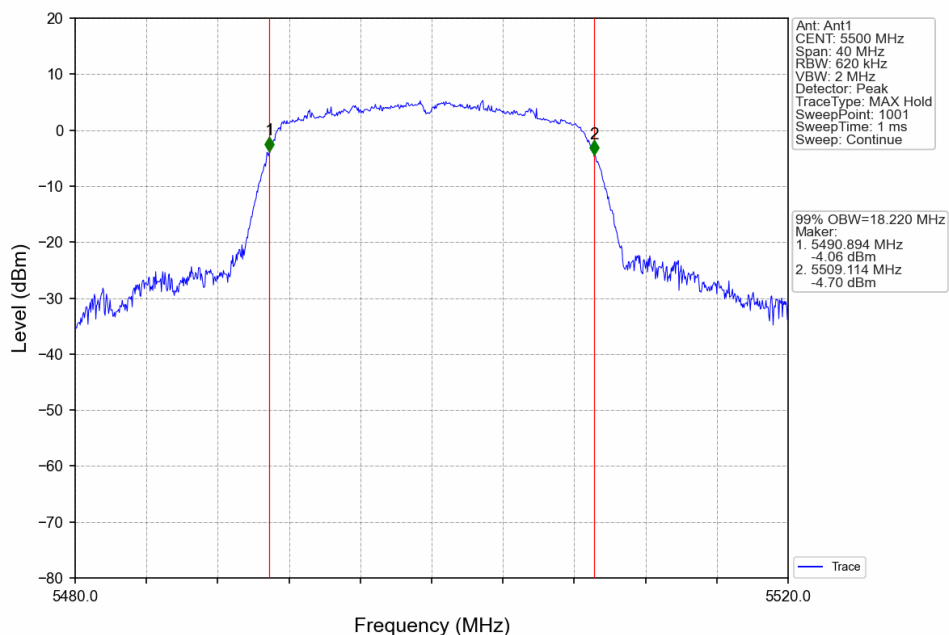
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802.11ac(VHT20)_HCH_5320MHz_Ant1_NTNV



802.11ac(VHT20)_LCH_5500MHz_Ant1_NTNV



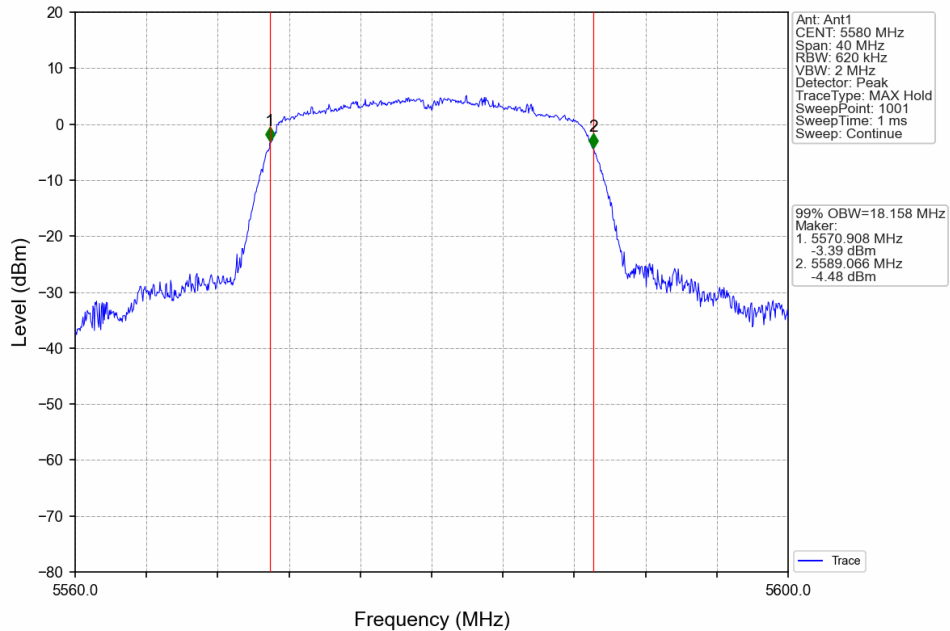
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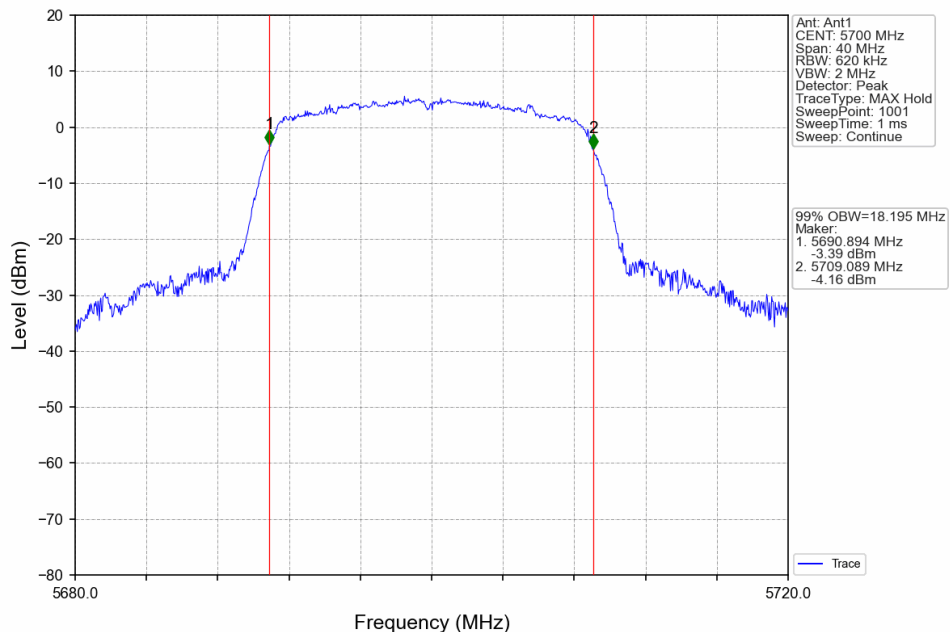
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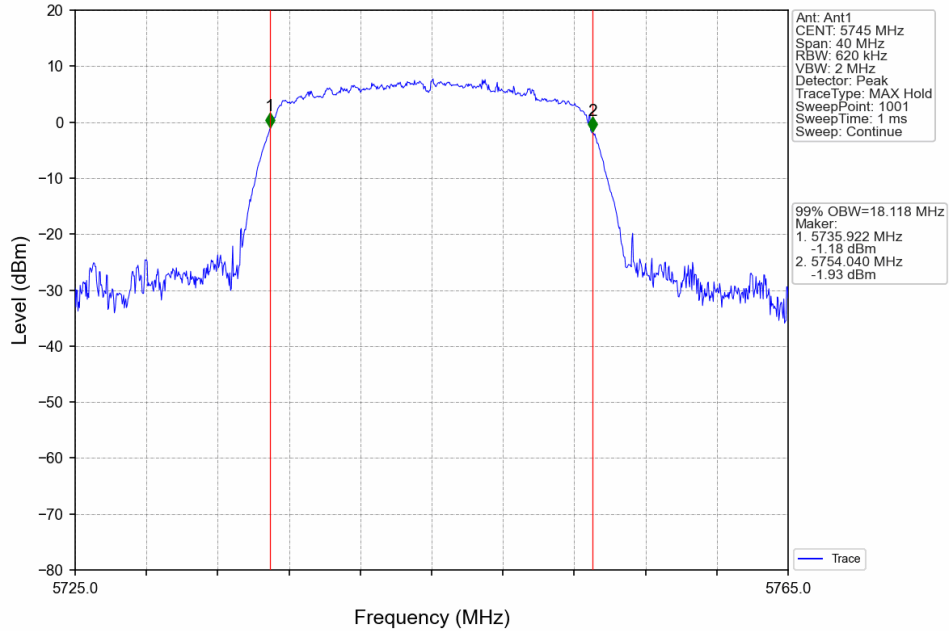
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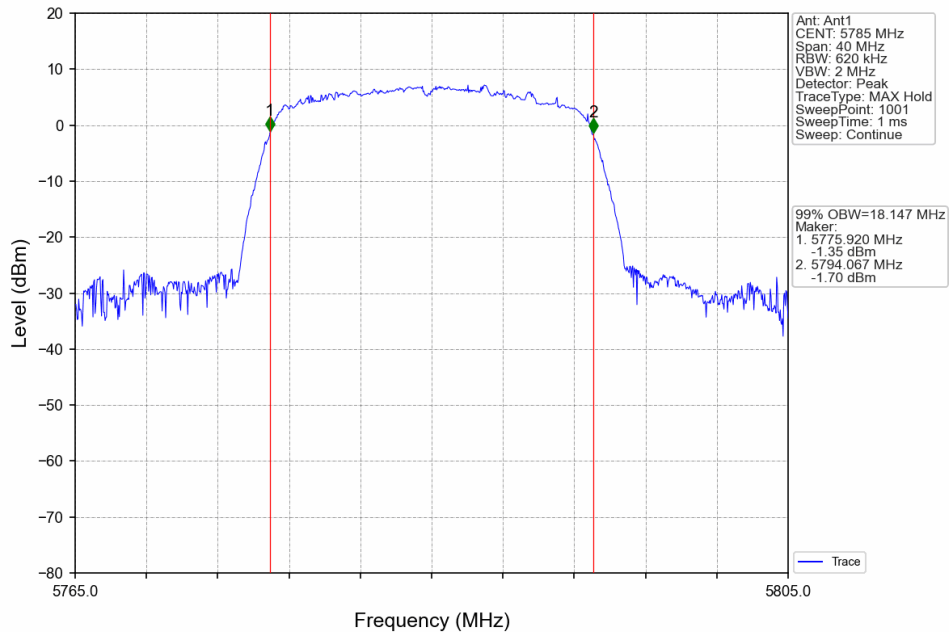
802.11ac(VHT20)_HCH_5700MHz_Ant1_NTNV



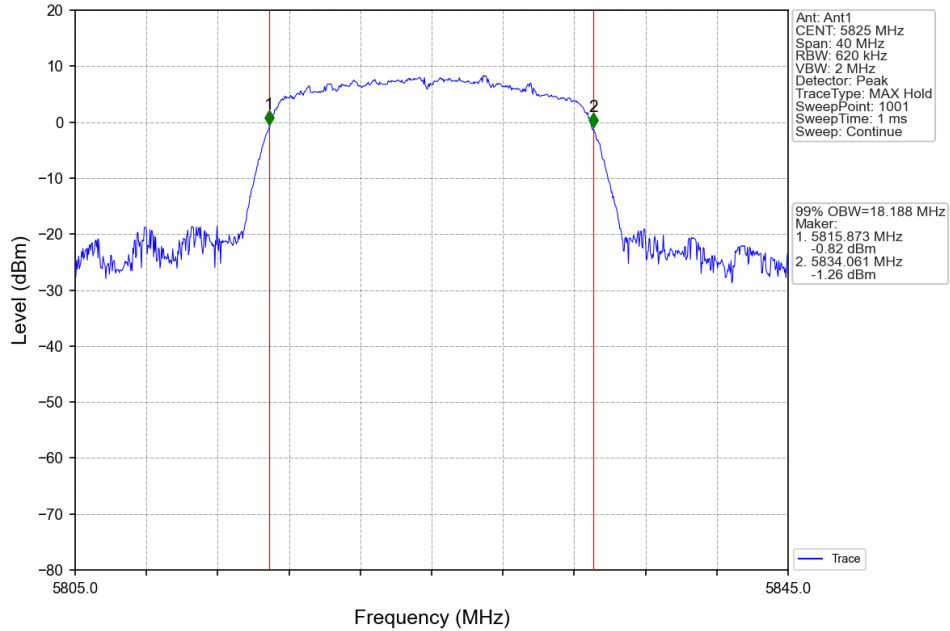
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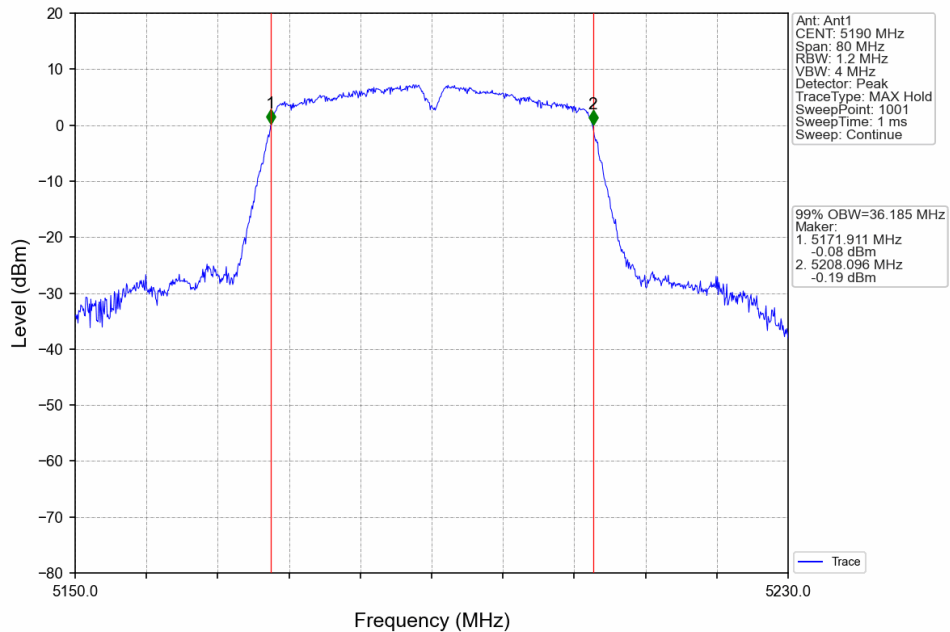
802.11ac(VHT20)_MCH_5785MHz_Ant1_NTNV



802.11ac(VHT20)_HCH_5825MHz_Ant1_NTNV



802.11ac(VHT40)_LCH_5190MHz_Ant1_NTNV



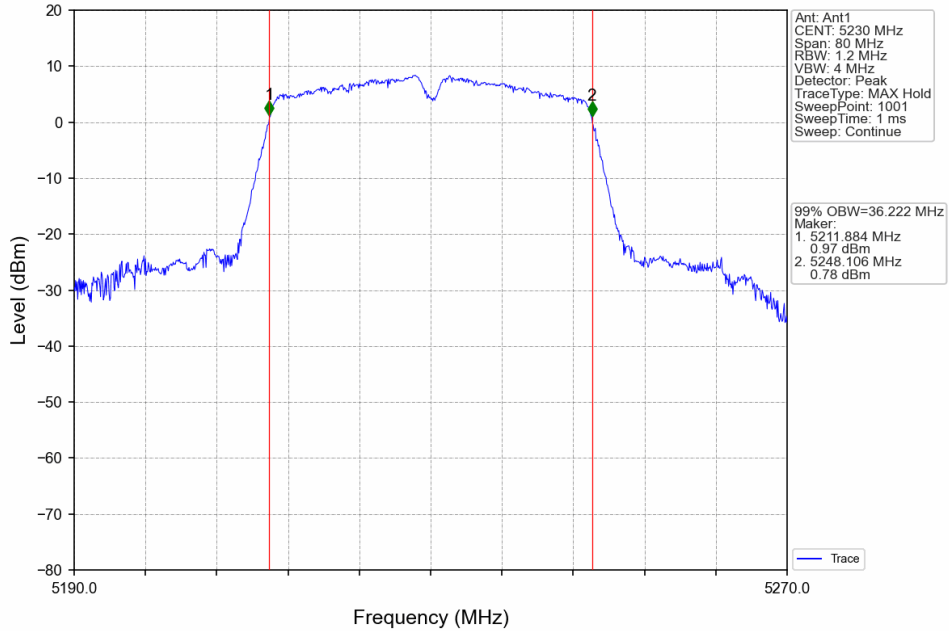
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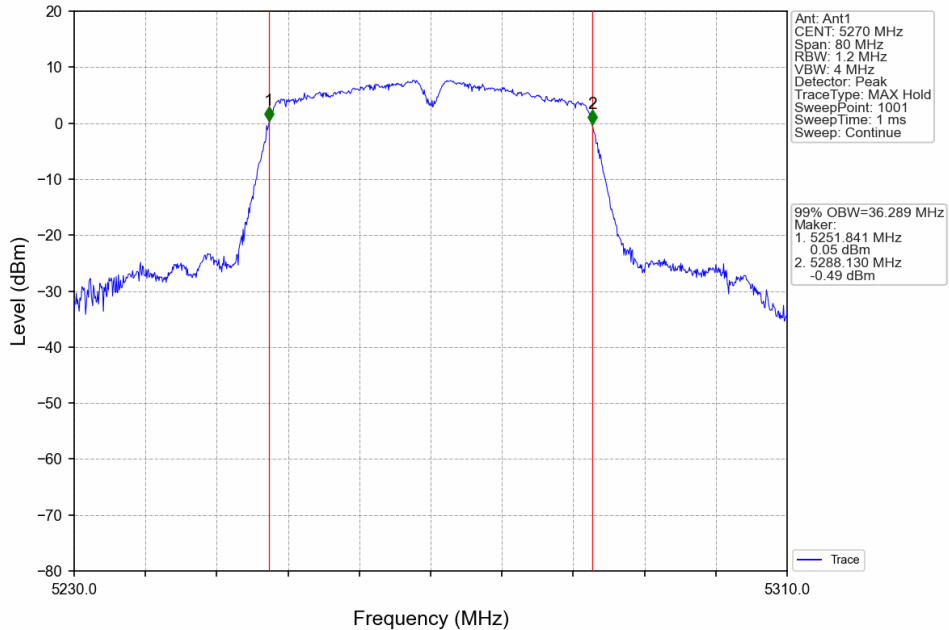
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802.11ac(VHT40)_HCH_5230MHz_Ant1_NTNV



802.11ac(VHT40)_LCH_5270MHz_Ant1_NTNV



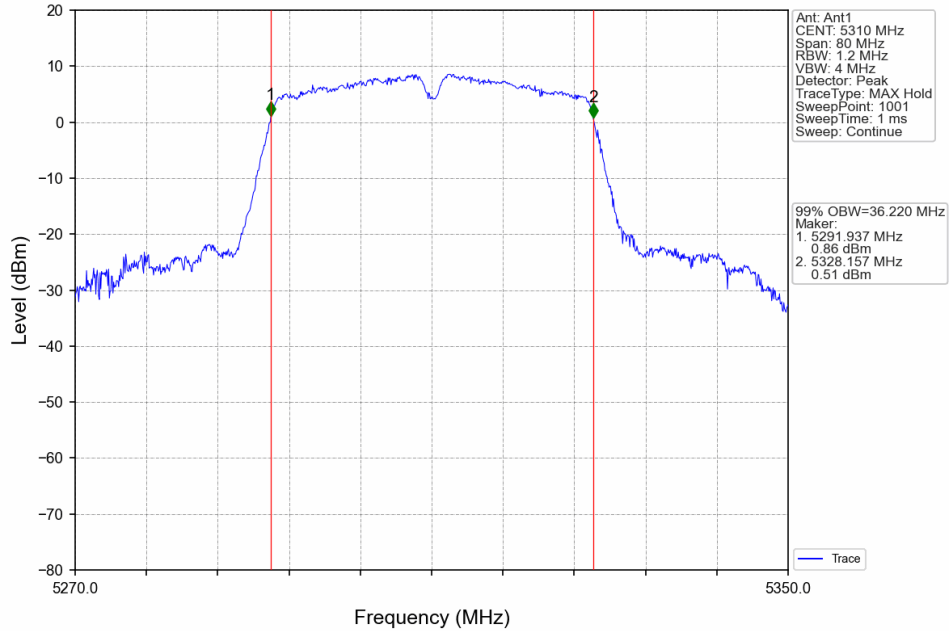
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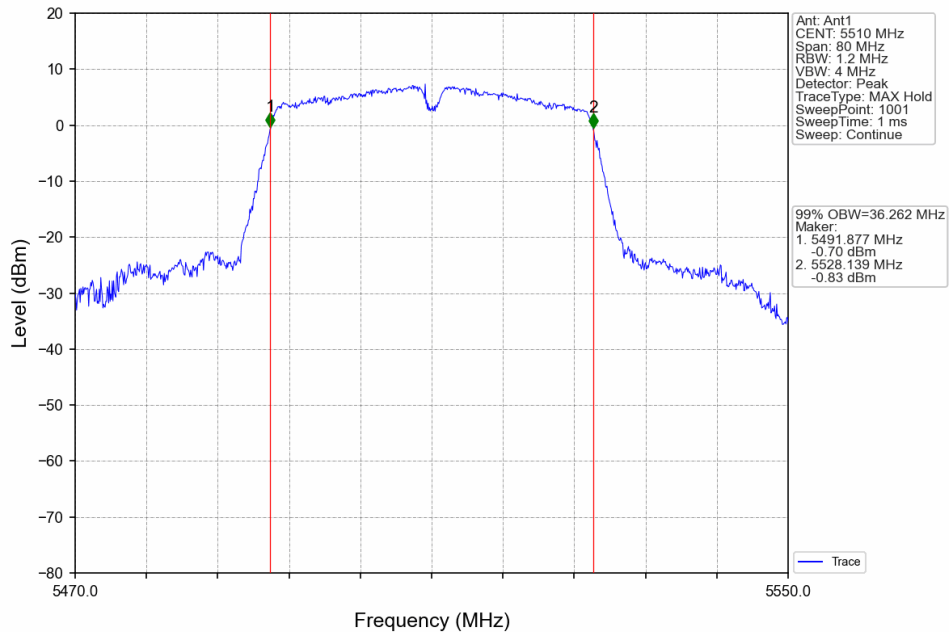
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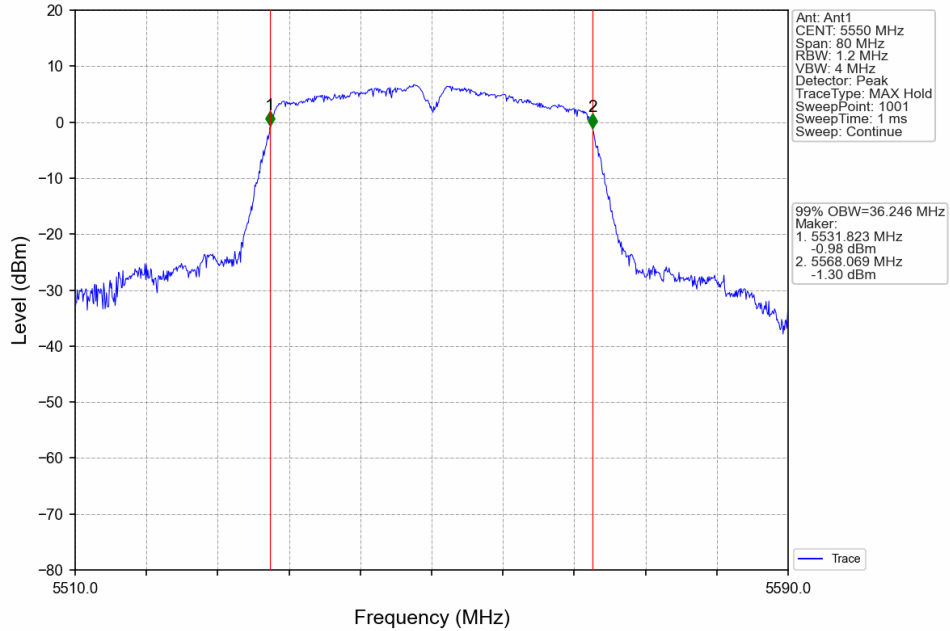
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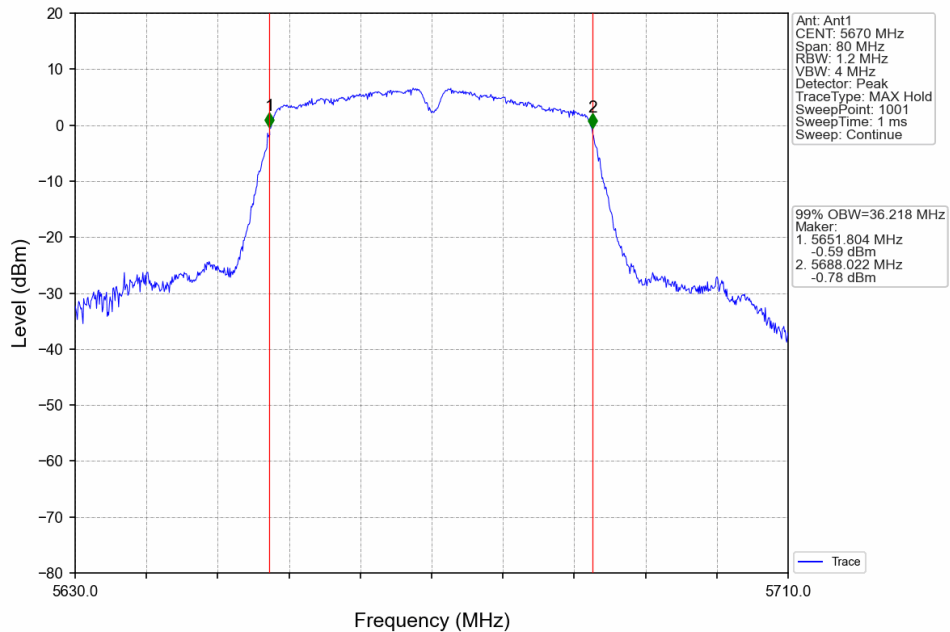
802.11ac(VHT40)_LCH_5510MHz_Ant1_NTNV



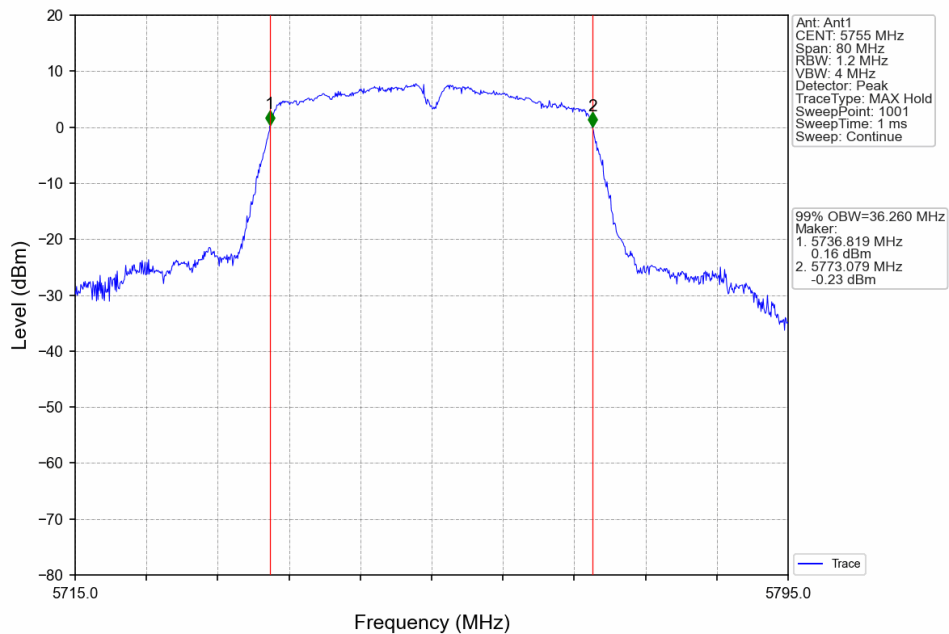
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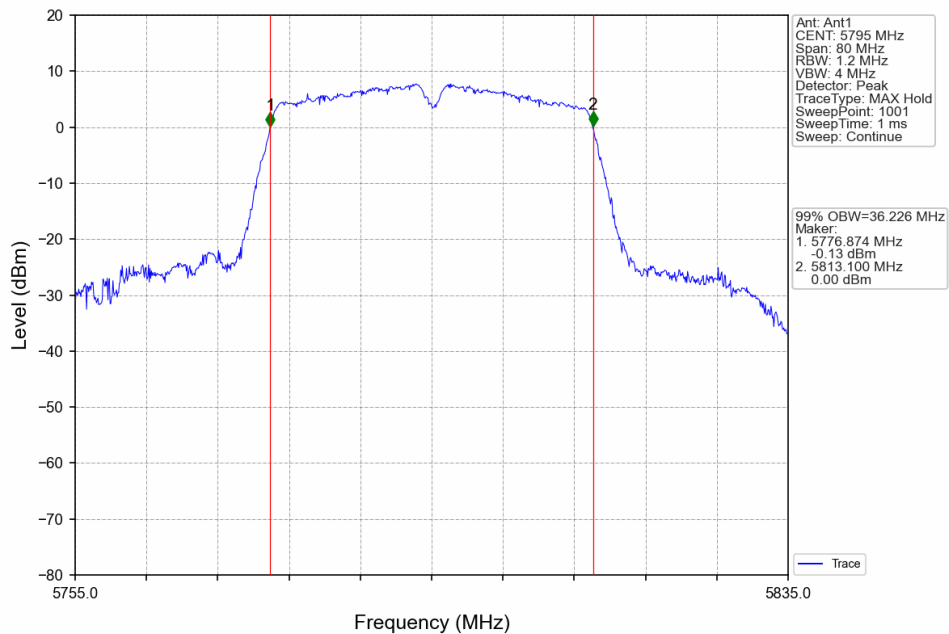
802.11ac(VHT40)_HCH_5670MHz_Ant1_NTNV



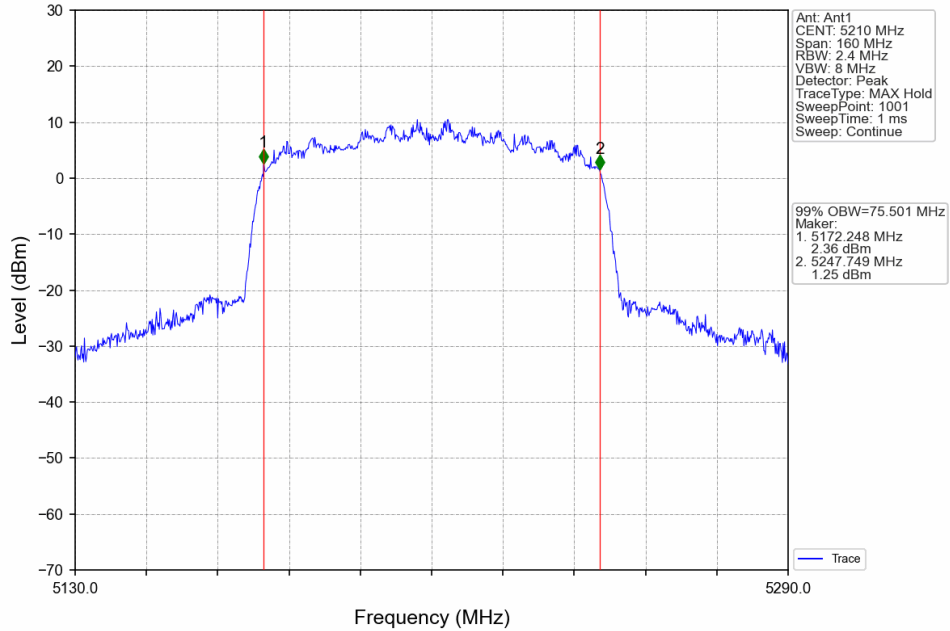
802.11ac(VHT40)_LCH_5755MHz_Ant1_NTNV



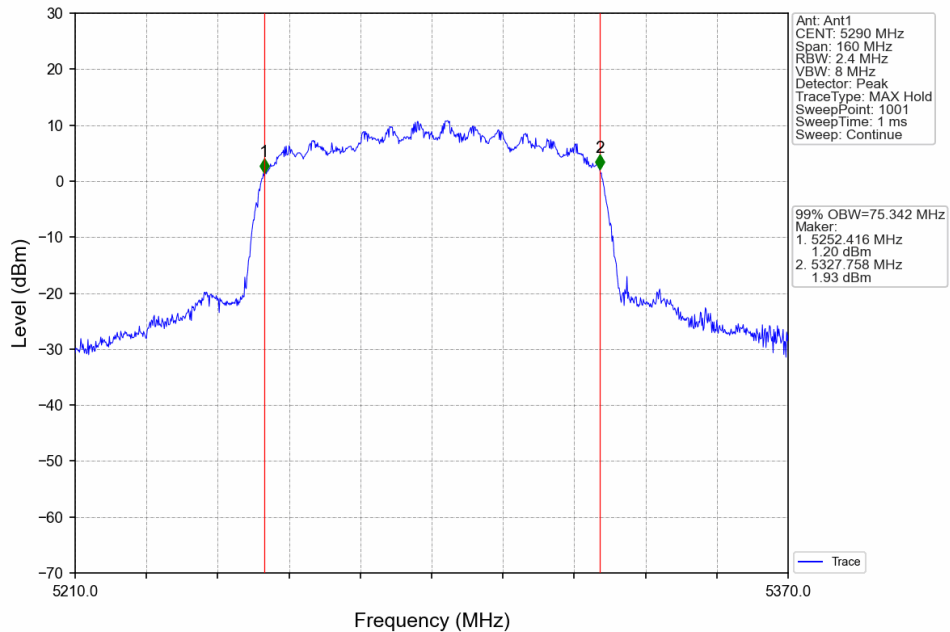
802.11ac(VHT40)_HCH_5795MHz_Ant1_NTNV



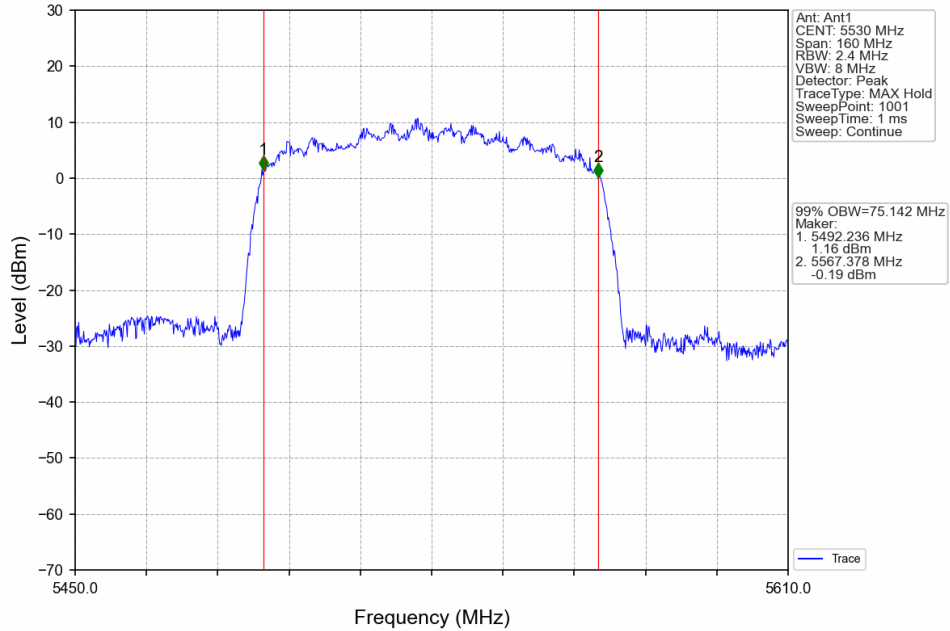
802.11ac(VHT80)_MCH_5210MHz_Ant1_NTNV



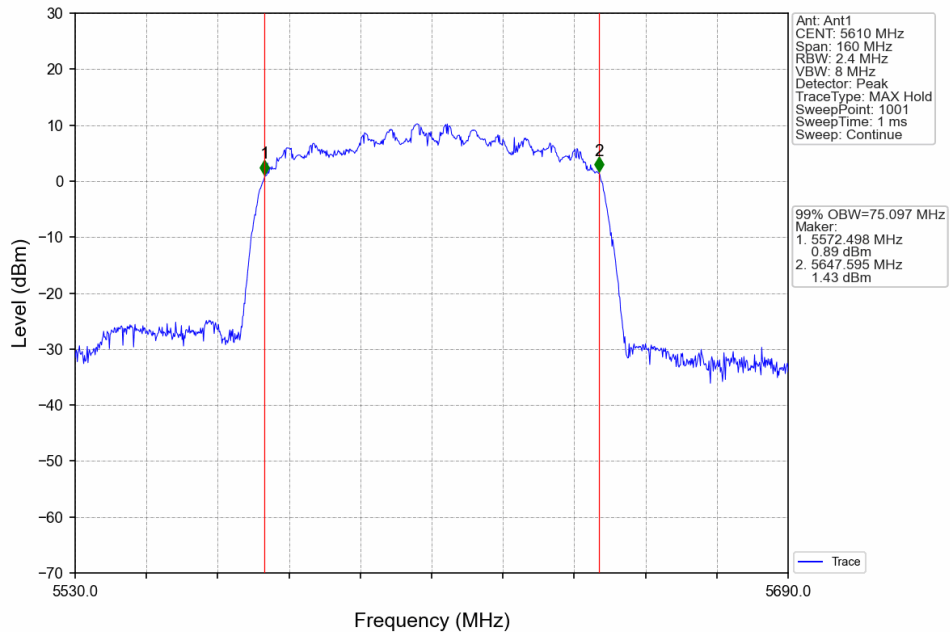
802.11ac(VHT80)_MCH_5290MHz_Ant1_NTNV



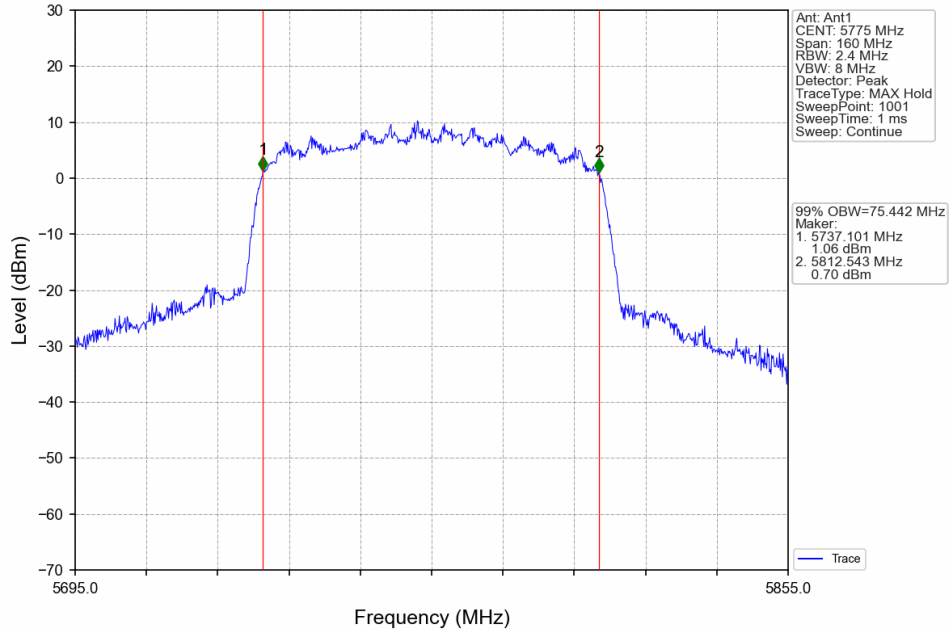
802.11ac(VHT80)_LCH_5530MHz_Ant1_NTNV



802.11ac(VHT80)_HCH_5610MHz_Ant1_NTNV



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	15.433	≥ 0.5	Pass
		5785	1	15.155	≥ 0.5	Pass
		5825	1	15.145	≥ 0.5	Pass
802.11n (HT20)	MIMO	5745	1	15.151	≥ 0.5	Pass
		5785	1	15.148	≥ 0.5	Pass
		5825	1	15.160	≥ 0.5	Pass
802.11n (HT40)	MIMO	5755	1	35.139	≥ 0.5	Pass
		5795	1	35.142	≥ 0.5	Pass
802.11ac (VHT20)	MIMO	5745	1	15.159	≥ 0.5	Pass
		5785	1	15.161	≥ 0.5	Pass
		5825	1	15.116	≥ 0.5	Pass
802.11ac (VHT40)	MIMO	5755	1	35.135	≥ 0.5	Pass
		5795	1	35.145	≥ 0.5	Pass
802.11ac (VHT80)	MIMO	5775	1	75.113	≥ 0.5	Pass



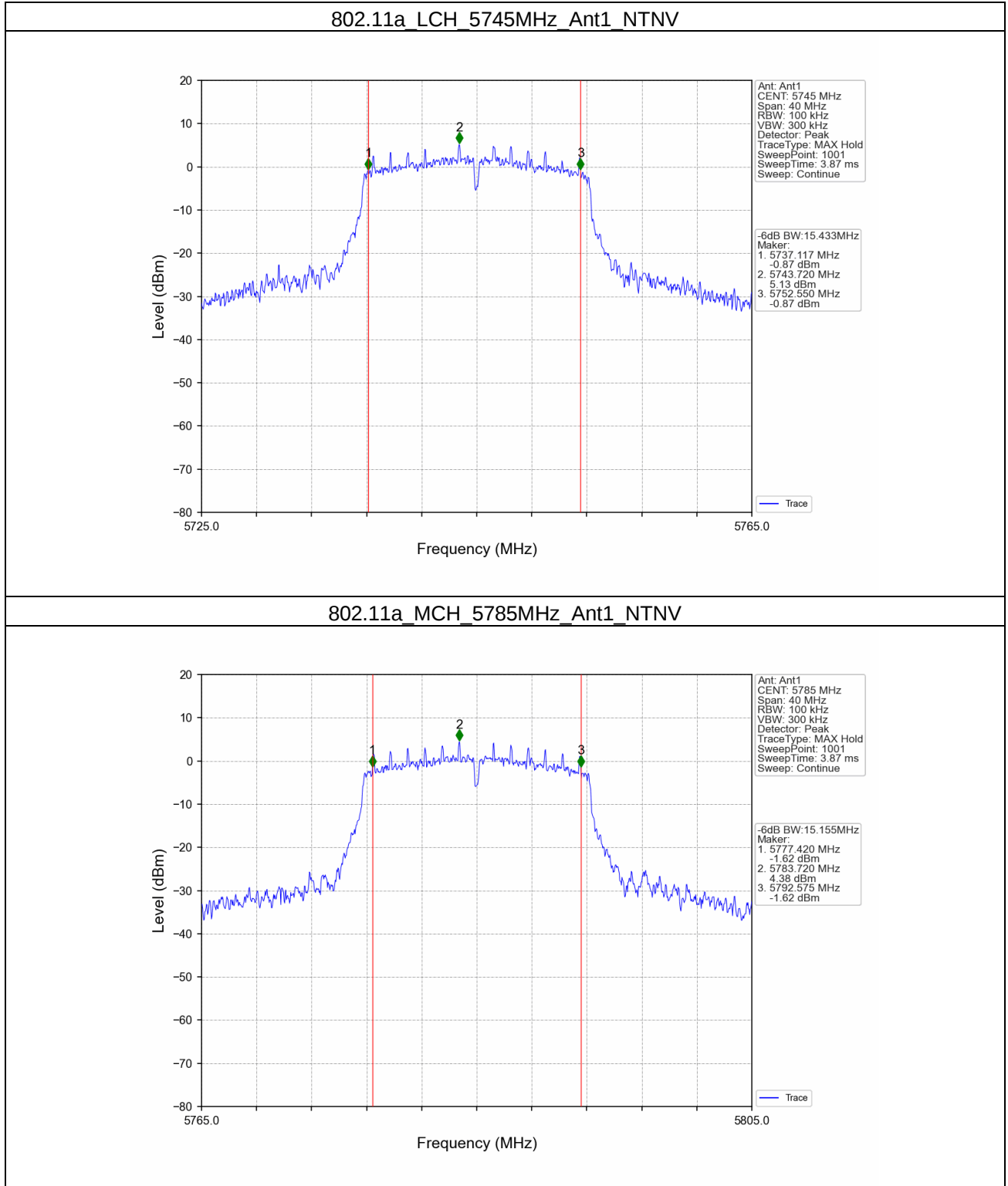
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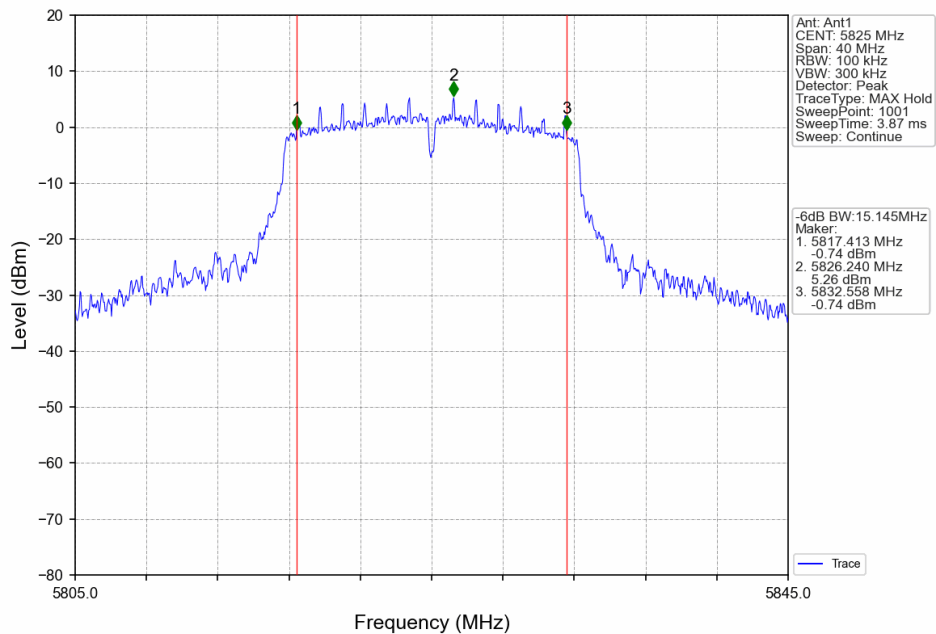
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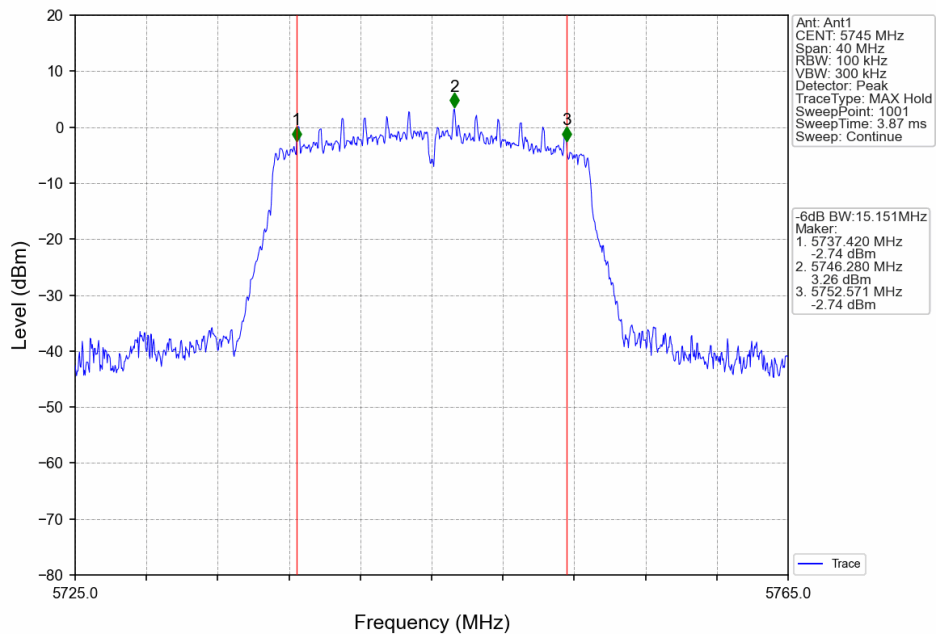
2.2.2 Test Graph



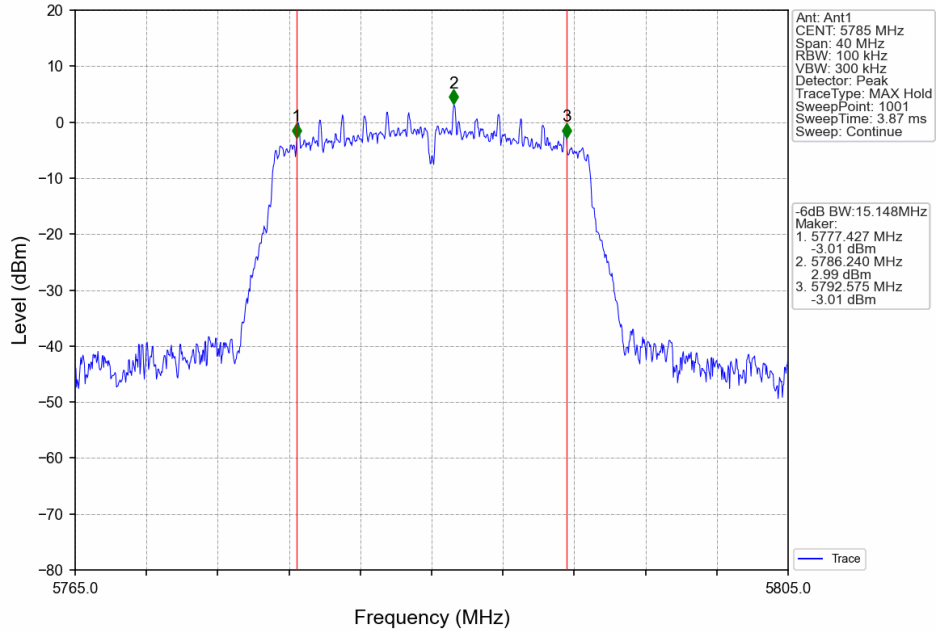
802.11a_HCH_5825MHz_Ant1_NTNV



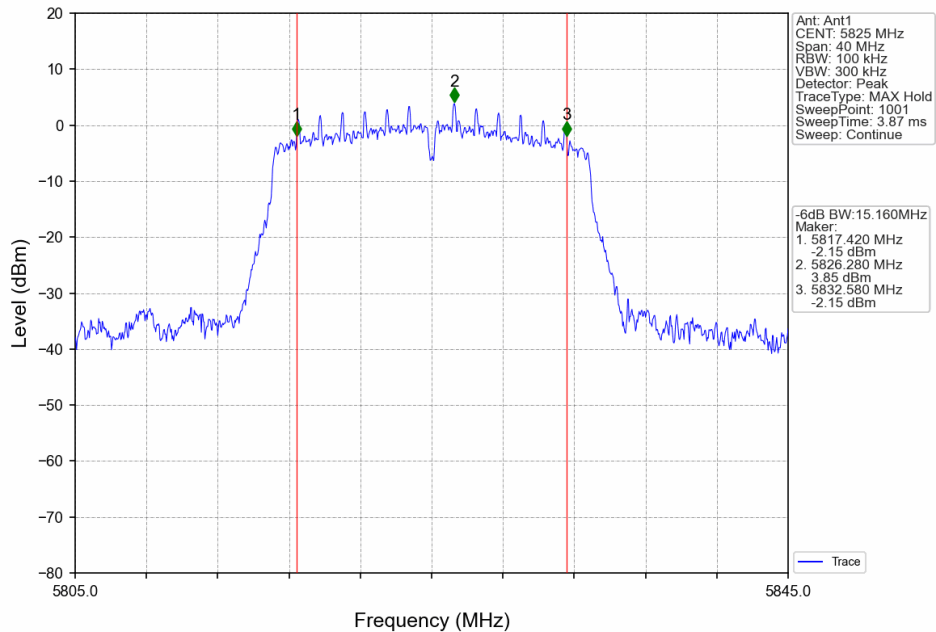
802.11n(HT20)_LCH_5745MHz_Ant1_NTNV



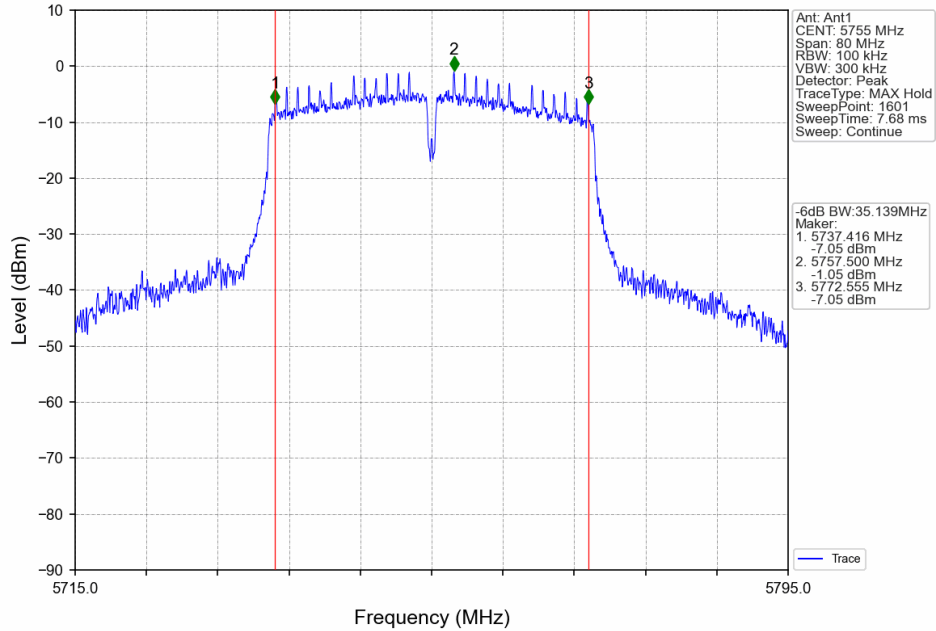
802.11n(HT20)_MCH_5785MHz_Ant1_NTNV



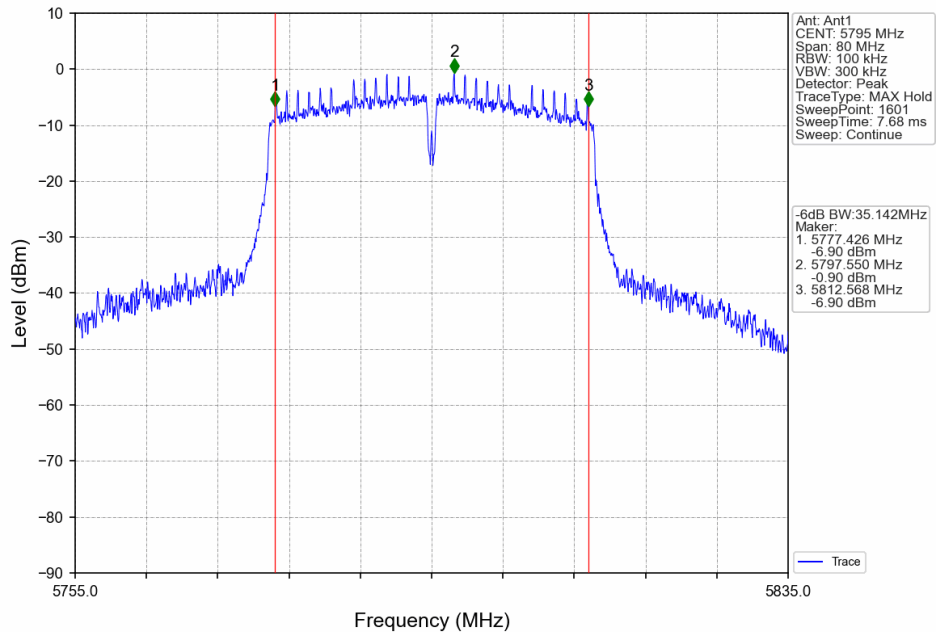
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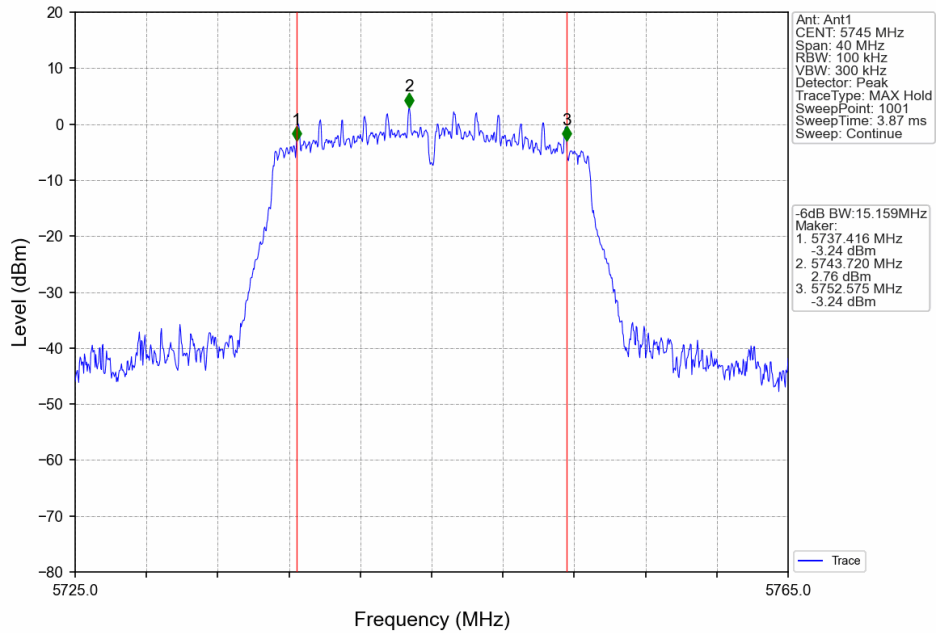
802.11n(HT40)_LCH_5755MHz_Ant1_NTNV



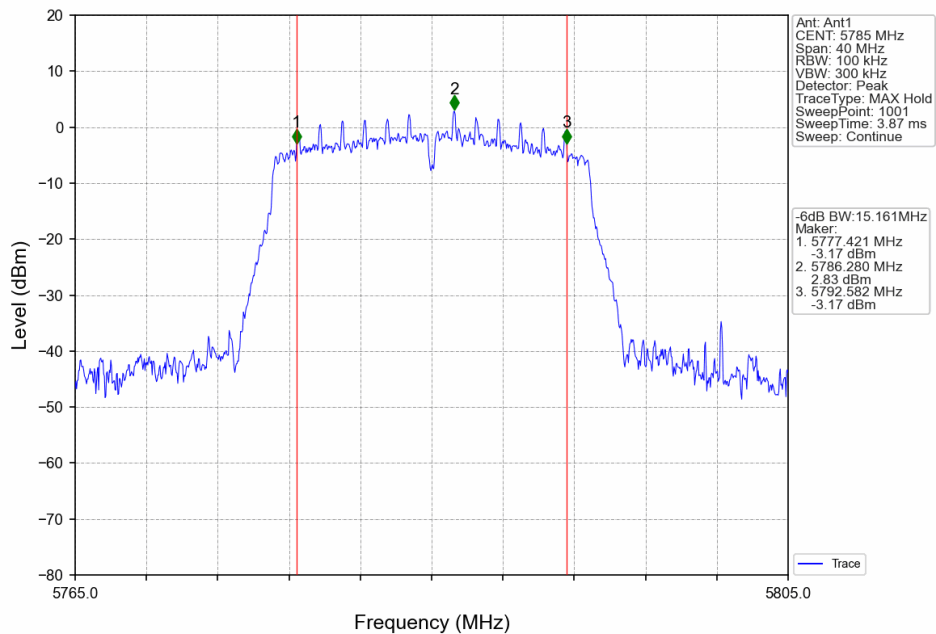
802.11n(HT40)_HCH_5795MHz_Ant1_NTNV



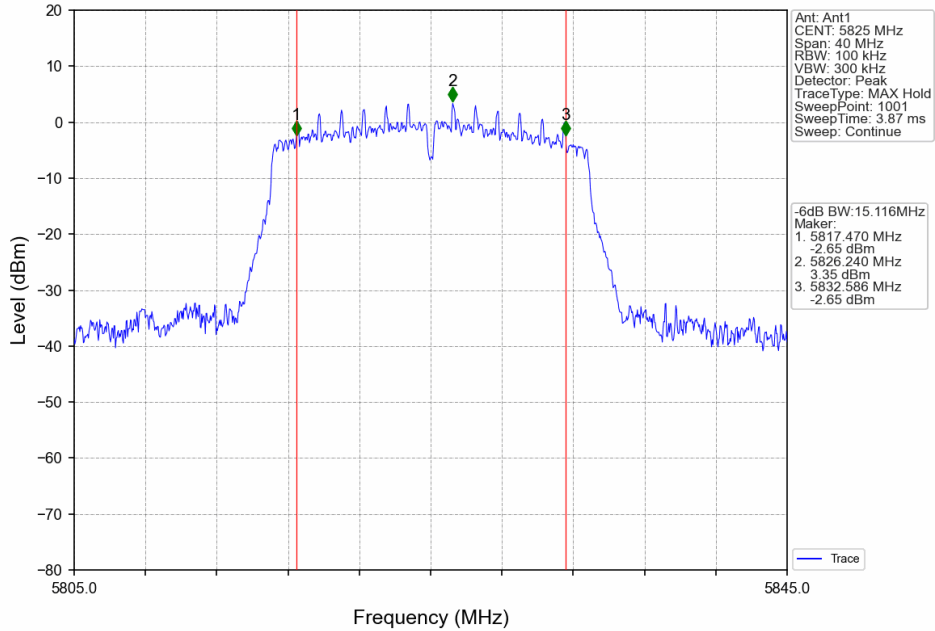
802.11ac(VHT20)_LCH_5745MHz_Ant1_NTNV



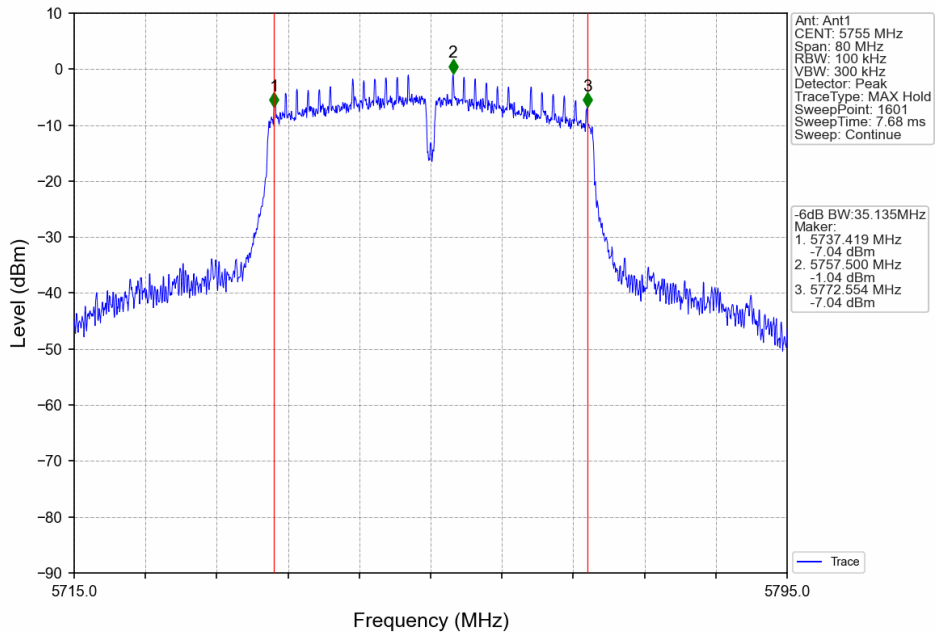
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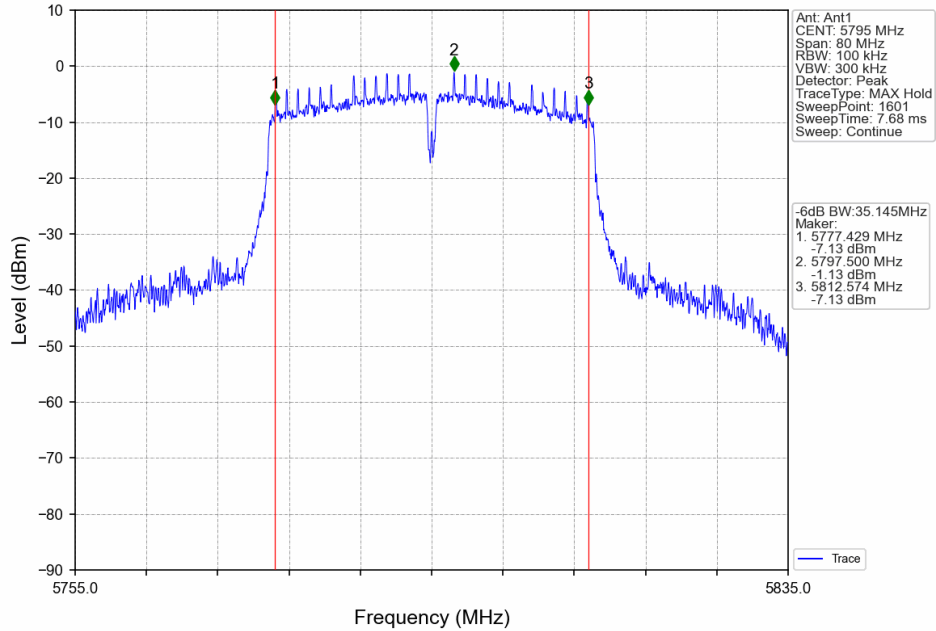
802.11ac(VHT20)_HCH_5825MHz_Ant1_NTNV



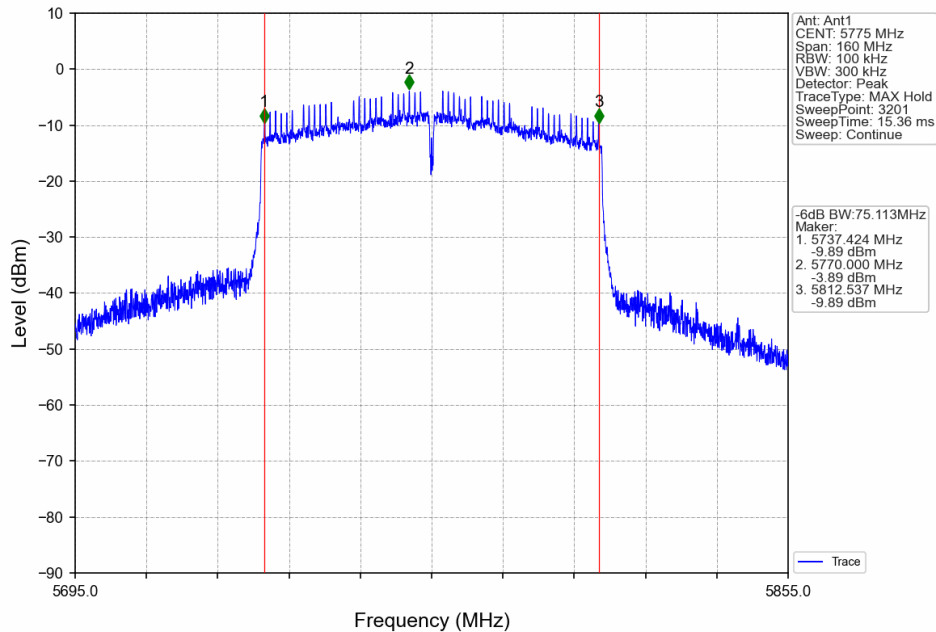
802.11ac(VHT40)_LCH_5755MHz_Ant1_NTNV



802.11ac(VHT40)_HCH_5795MHz_Ant1_NTNV



802.11ac(VHT80)_MCH_5775MHz_Ant1_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	Limit	
802.11a	SISO	5180	1	30.737	/	Pass
		5200	1	19.833	/	Pass
		5240	1	19.744	/	Pass
		5260	1	19.733	/	Pass
		5300	1	19.756	/	Pass
		5320	1	19.730	/	Pass
		5500	1	19.743	/	Pass
		5580	1	19.748	/	Pass
		5700	1	19.745	/	Pass
802.11n (HT20)	MIMO	5180	1	20.195	/	Pass
		5200	1	20.142	/	Pass
		5240	1	20.087	/	Pass
		5260	1	20.139	/	Pass
		5300	1	20.279	/	Pass
		5320	1	20.106	/	Pass
		5500	1	20.131	/	Pass
		5580	1	20.056	/	Pass
		5700	1	20.111	/	Pass
802.11n (HT40)	MIMO	5190	1	40.432	/	Pass
		5230	1	40.357	/	Pass
		5270	1	40.530	/	Pass
		5310	1	40.248	/	Pass
		5510	1	40.400	/	Pass
		5550	1	40.159	/	Pass
		5670	1	40.238	/	Pass
802.11ac (VHT20)	MIMO	5180	1	20.128	/	Pass
		5200	1	20.033	/	Pass
		5240	1	20.063	/	Pass
		5260	1	21.343	/	Pass
		5300	1	20.164	/	Pass
		5320	1	20.083	/	Pass
		5500	1	20.113	/	Pass
		5580	1	20.120	/	Pass
		5700	1	20.057	/	Pass
802.11ac	MIMO	5190	1	39.911	/	Pass



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(VHT40)		5230	1	40.554	/	Pass
		5270	1	40.194	/	Pass
		5310	1	40.322	/	Pass
		5510	1	40.681	/	Pass
		5550	1	40.271	/	Pass
		5670	1	40.292	/	Pass
802.11ac (VHT80)	MIMO	5210	1	81.003	/	Pass
		5290	1	80.874	/	Pass
		5530	1	80.812	/	Pass
		5610	1	80.846	/	Pass



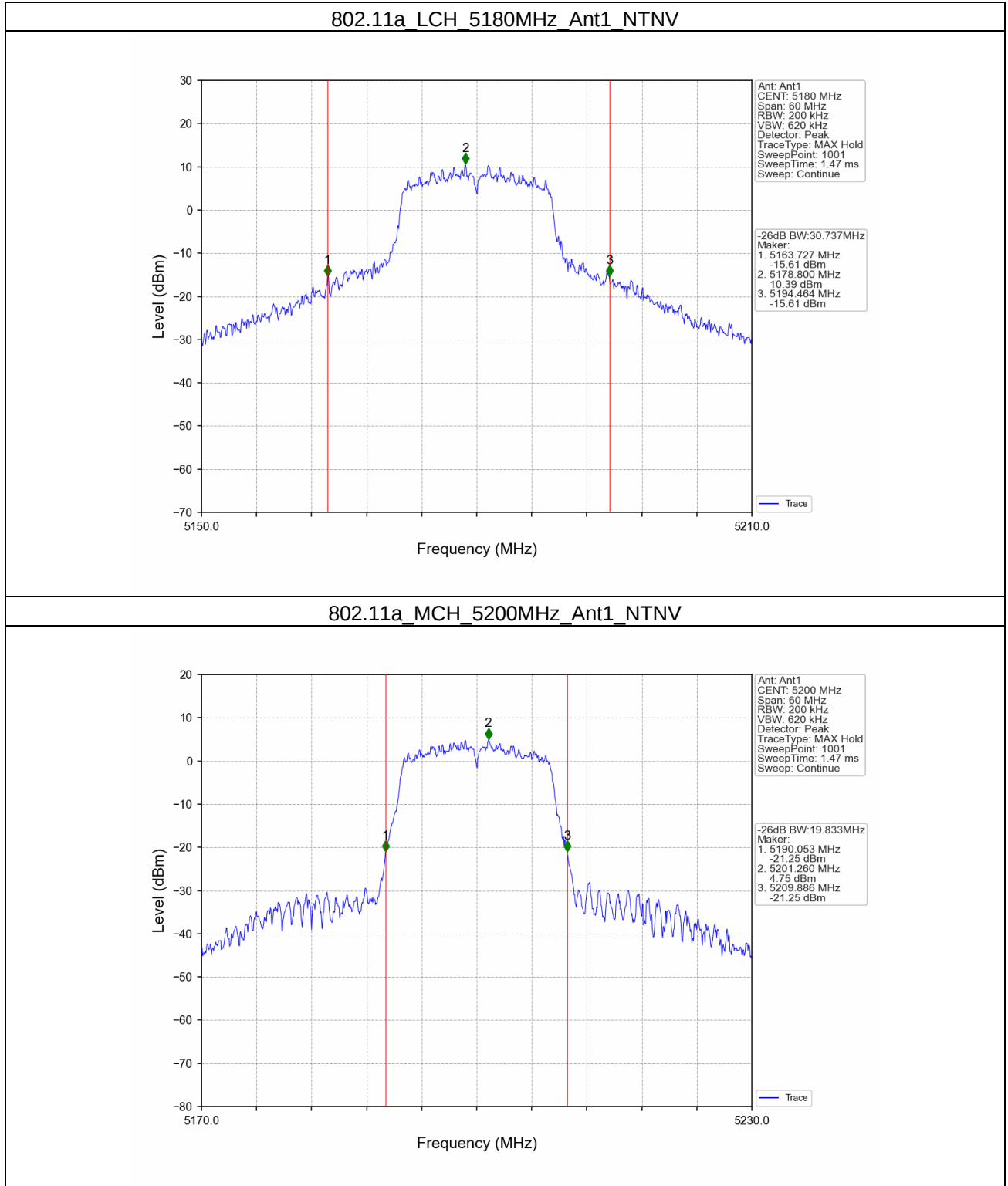
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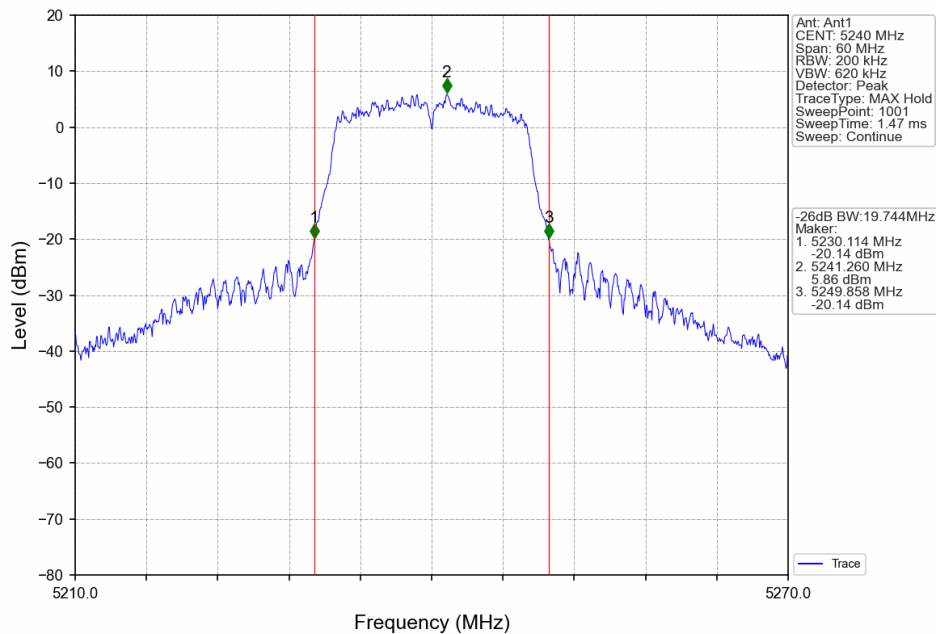
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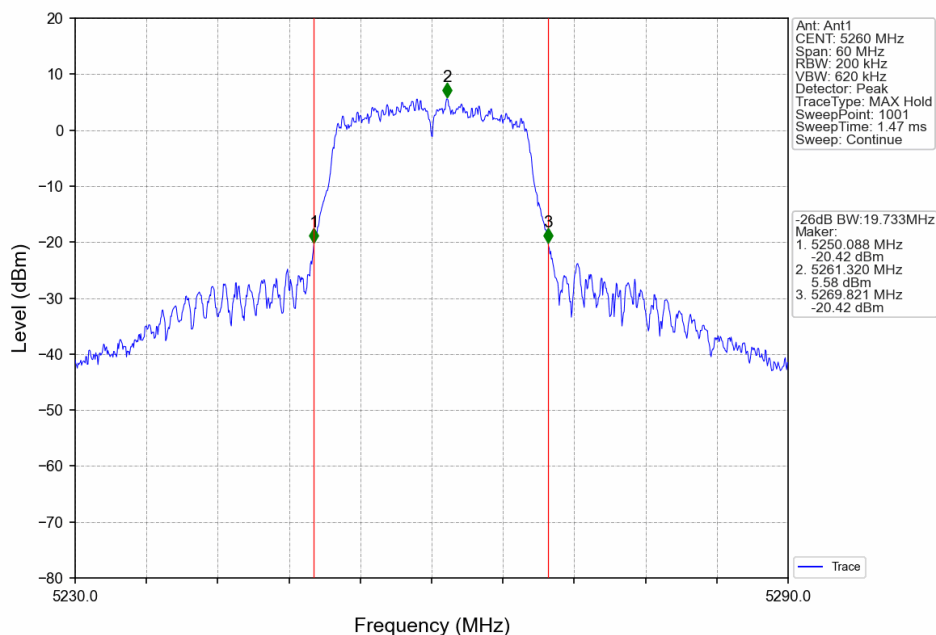
2.3.2 Test Graph



802.11a_HCH_5240MHz_Ant1_NTNV



802.11a_LCH_5260MHz_Ant1_NTNV



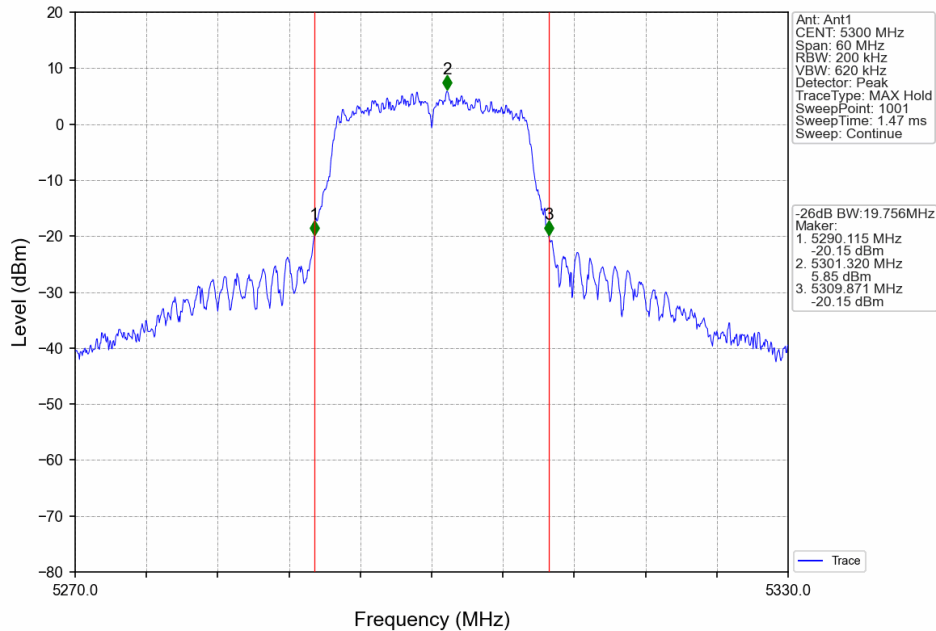
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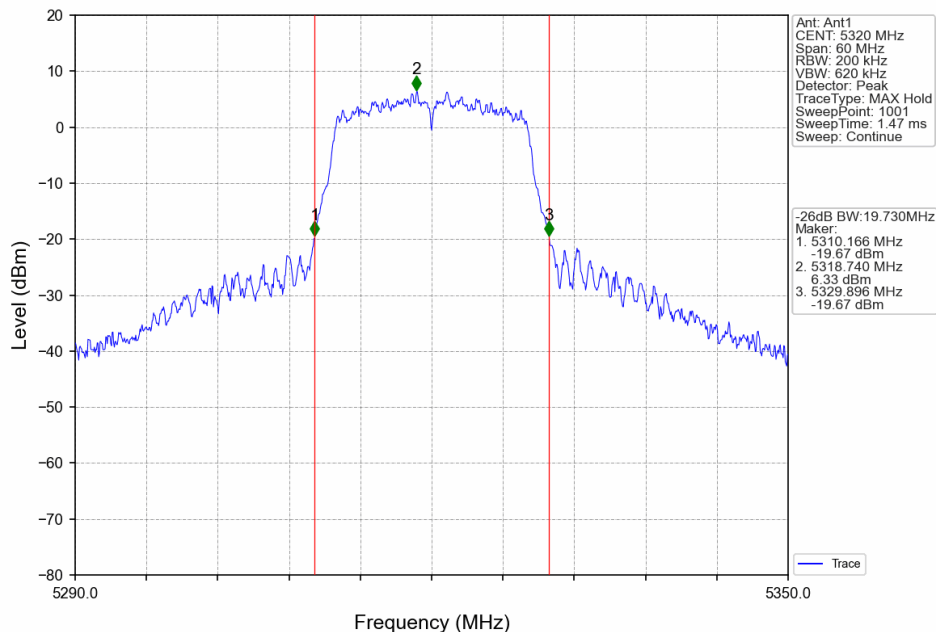
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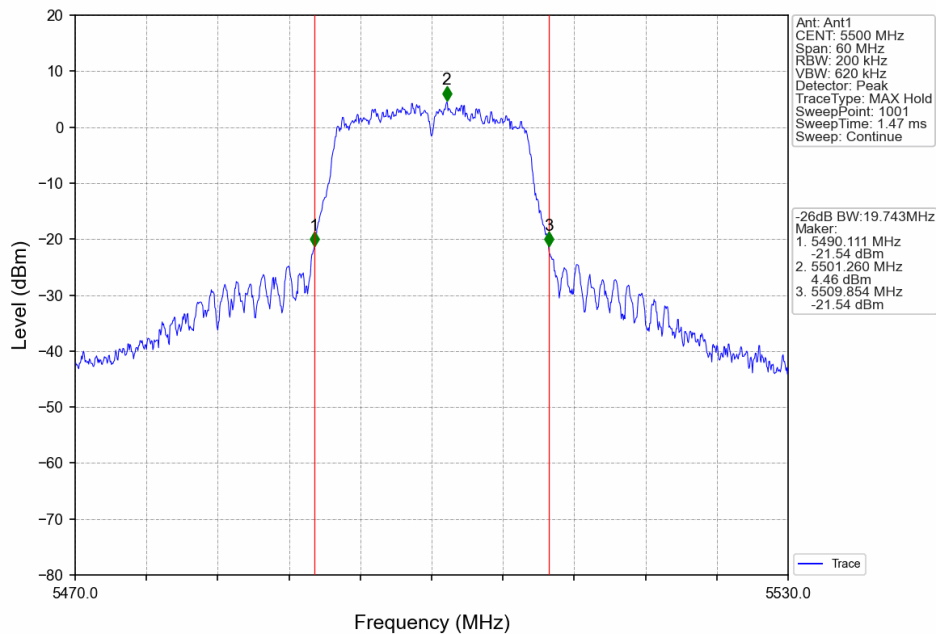
802.11a_MCH_5300MHz_Ant1_NTNV



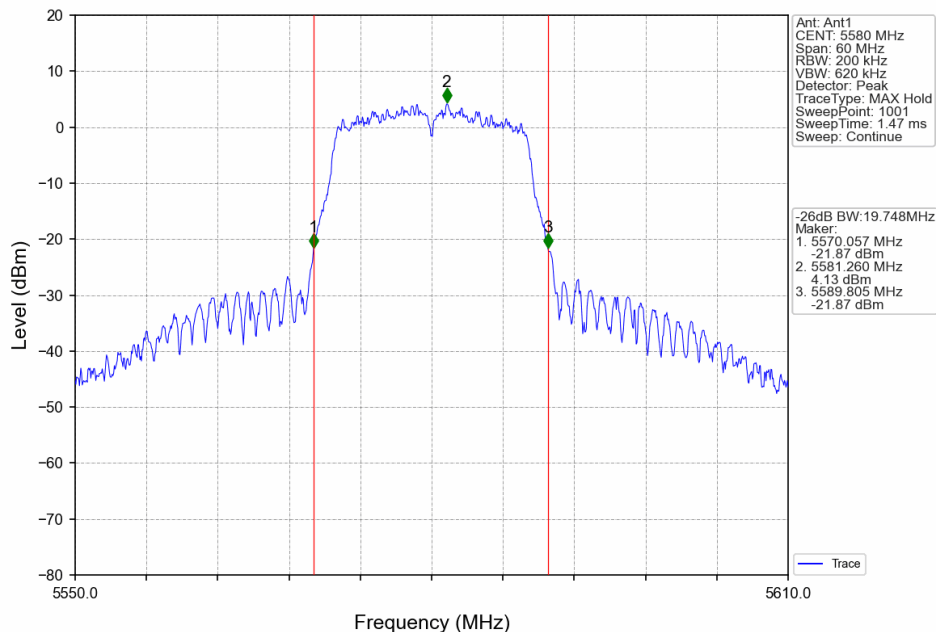
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802.11a_LCH_5500MHz_Ant1_NTNV



802.11a_MCH_5580MHz_Ant1_NTNV



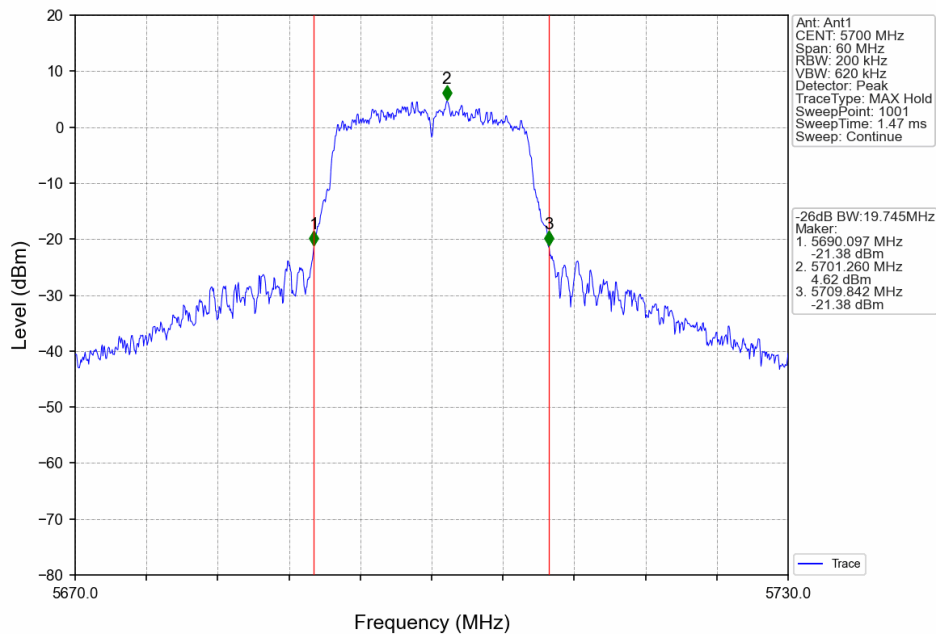
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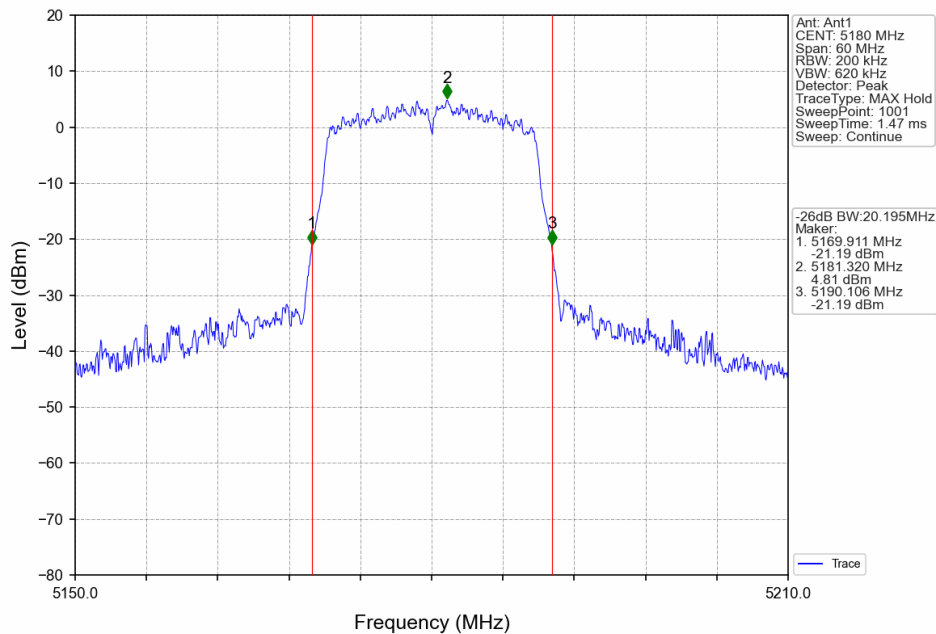
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802.11a_HCH_5700MHz_Ant1_NTNV



802.11n(HT20)_LCH_5180MHz_Ant1_NTNV



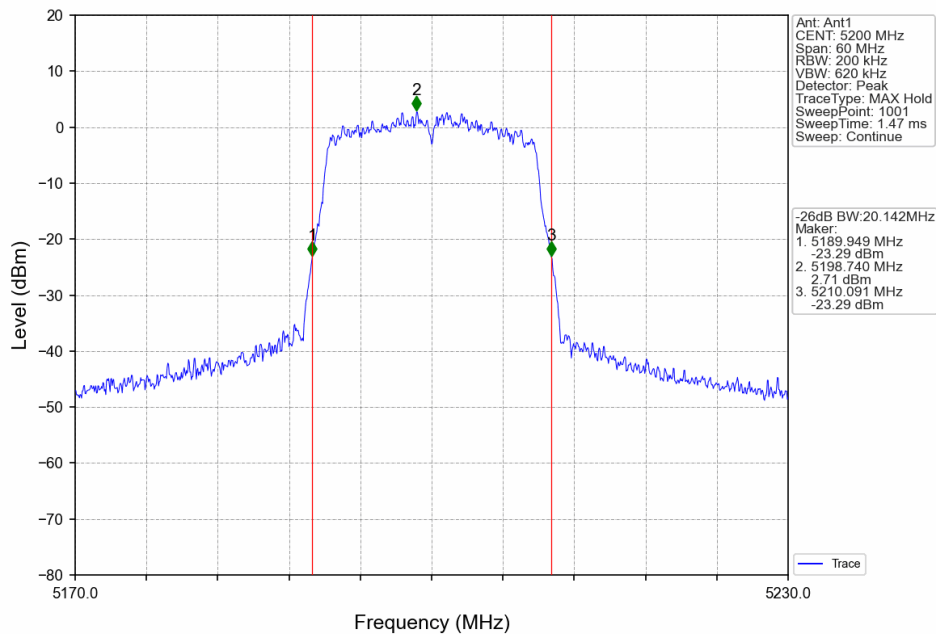
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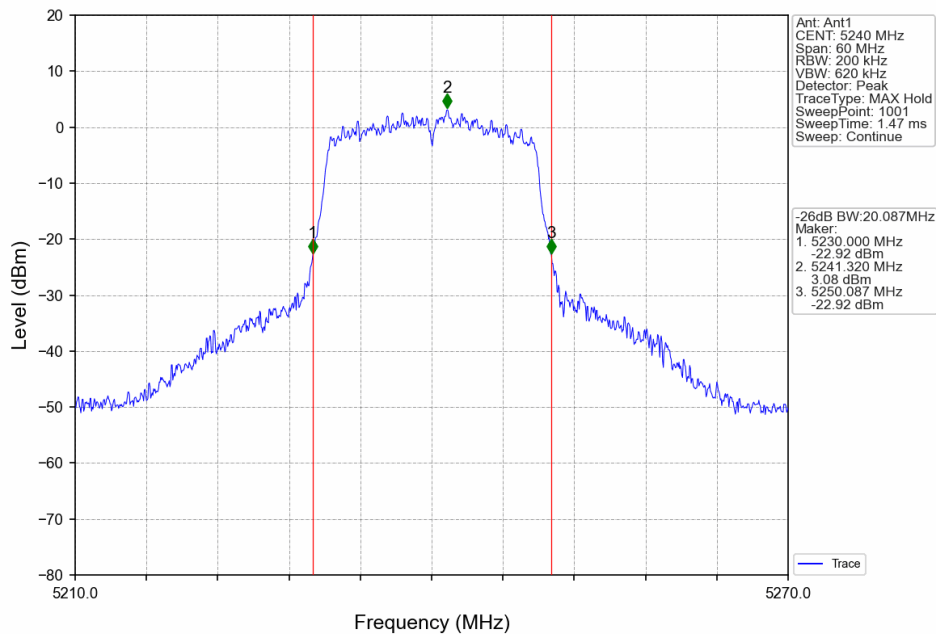
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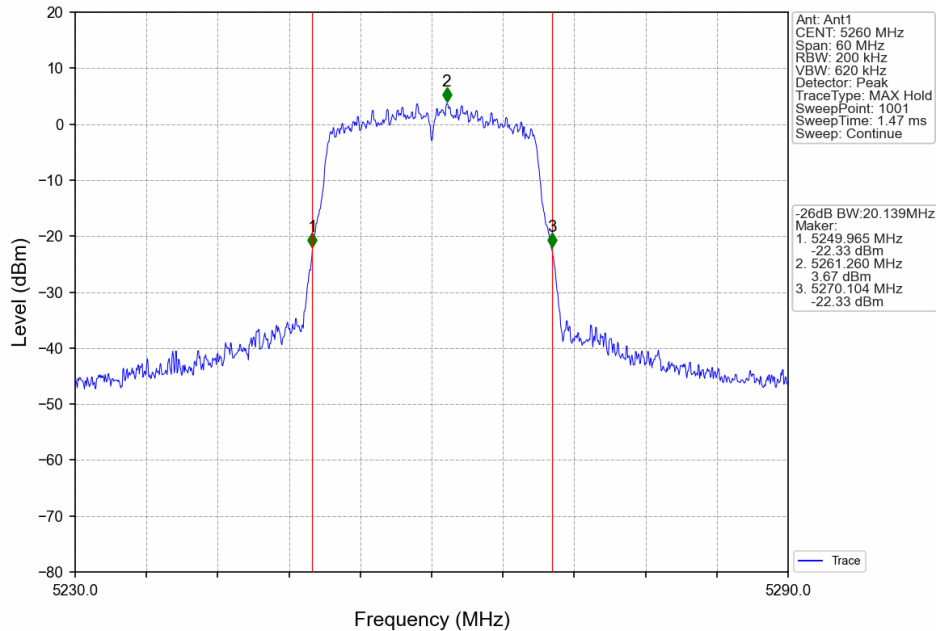
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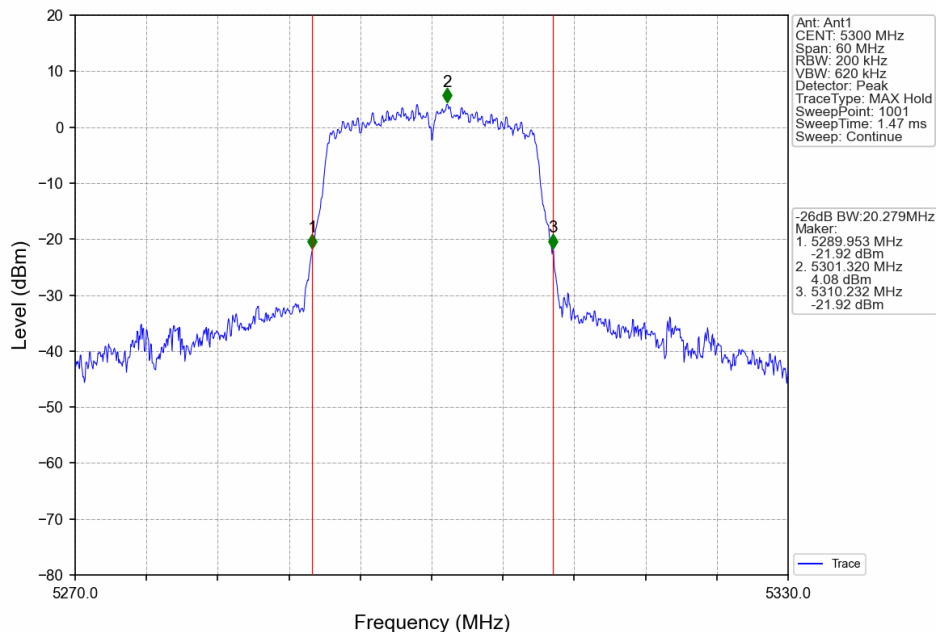
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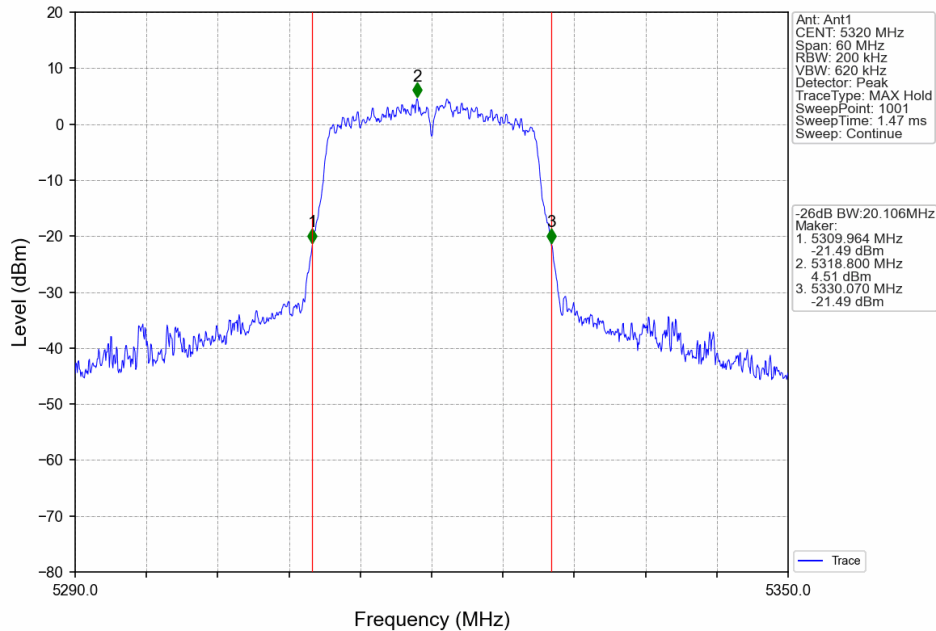
802.11n(HT20)_LCH_5260MHz_Ant1_NTNV



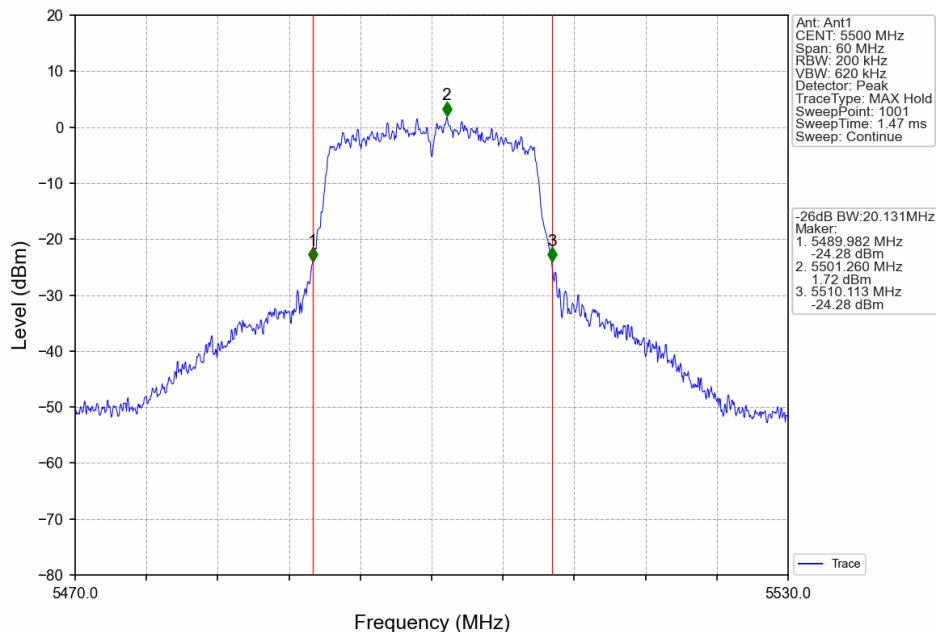
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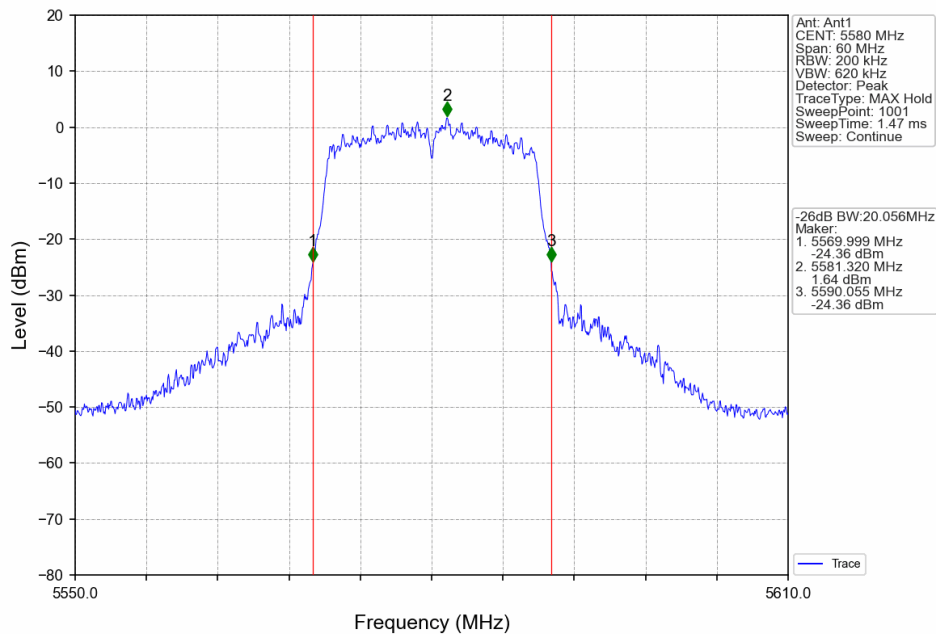
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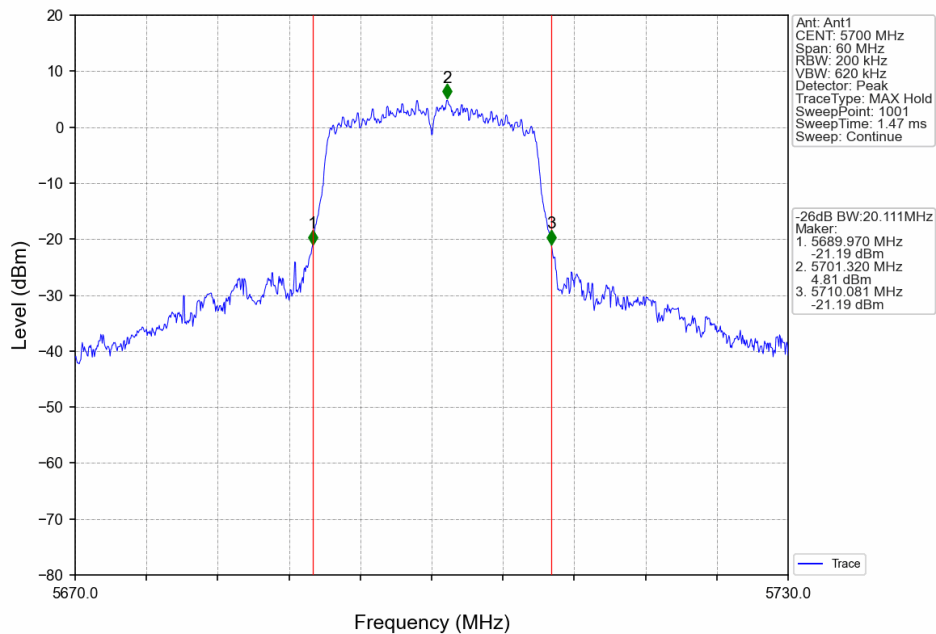
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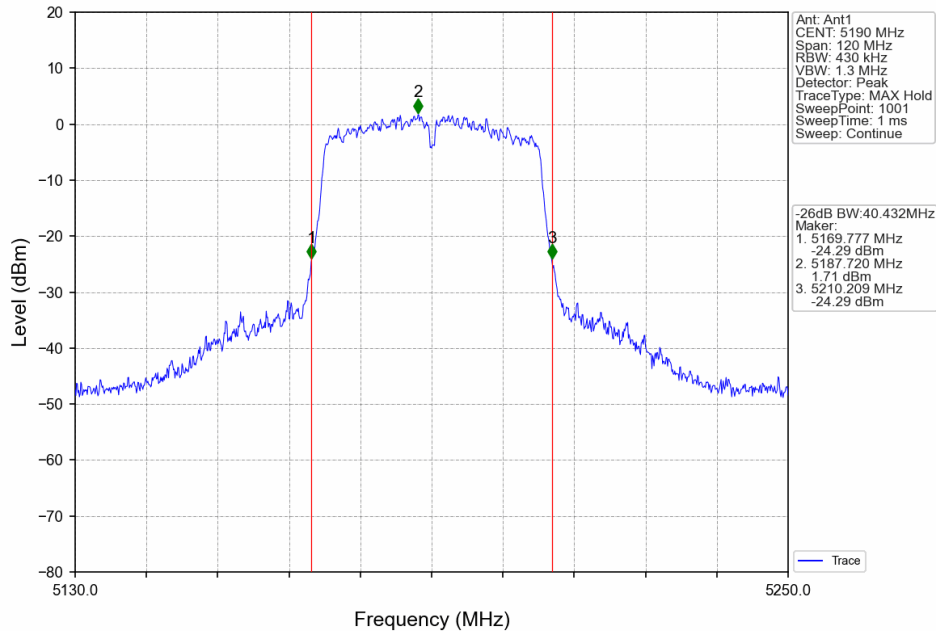
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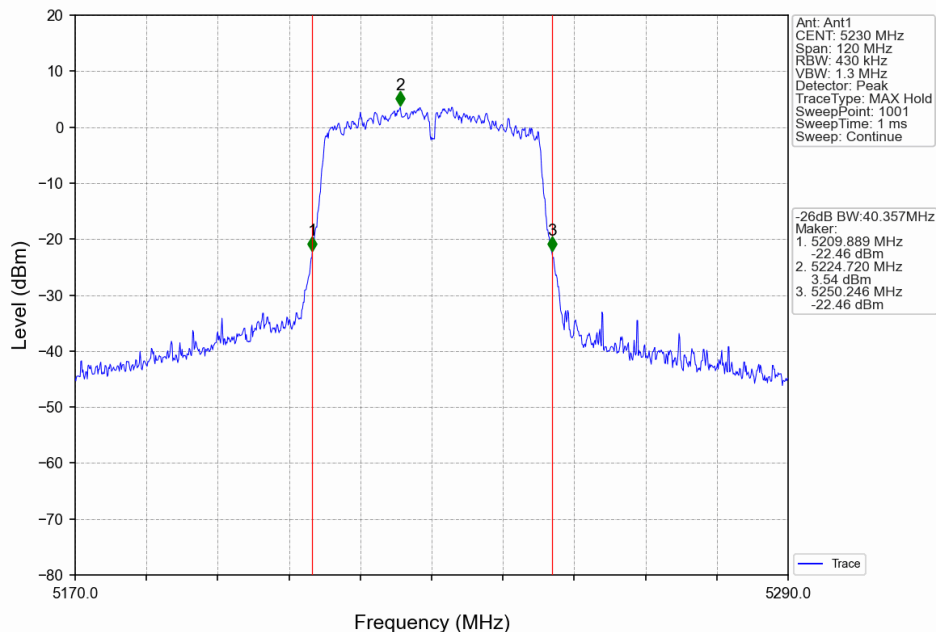
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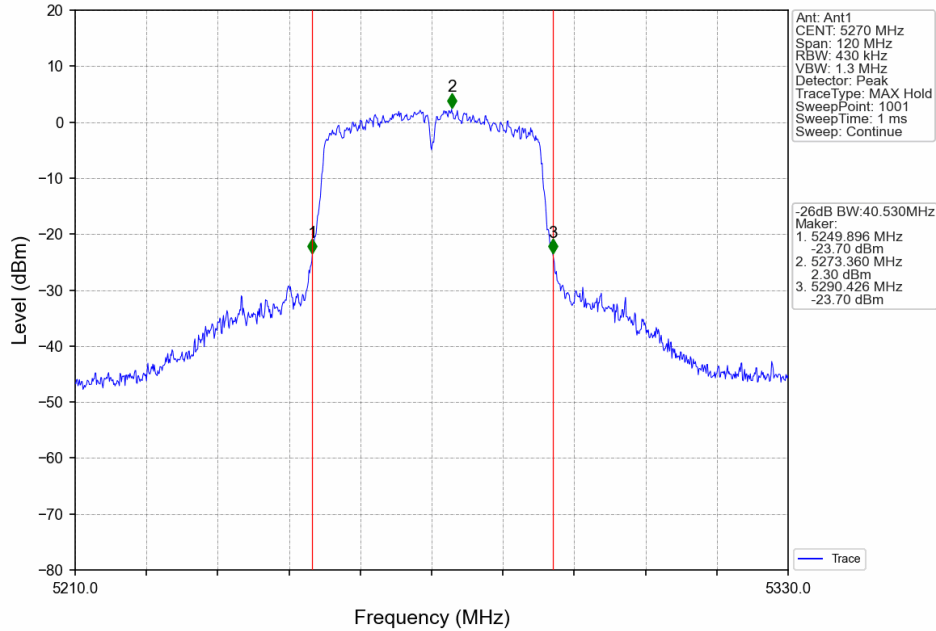
802.11n(HT40)_LCH_5190MHz_Ant1_NTNV



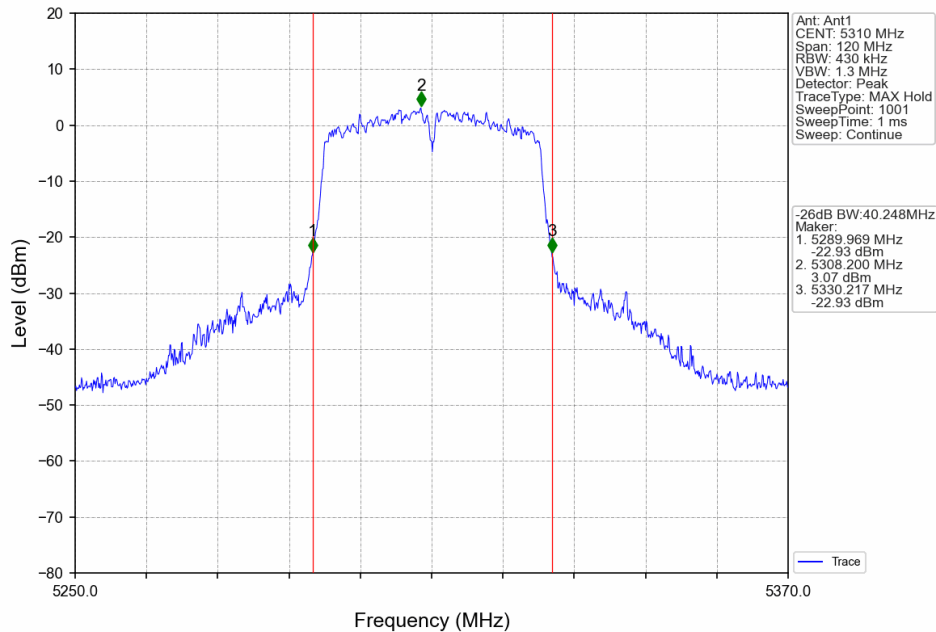
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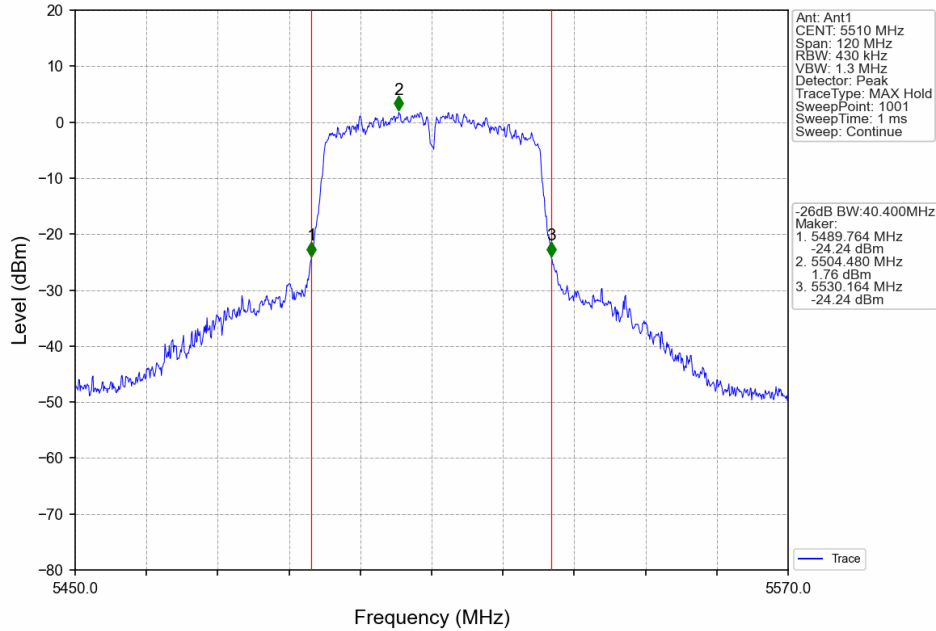
802.11n(HT40)_LCH_5270MHz_Ant1_NTNV



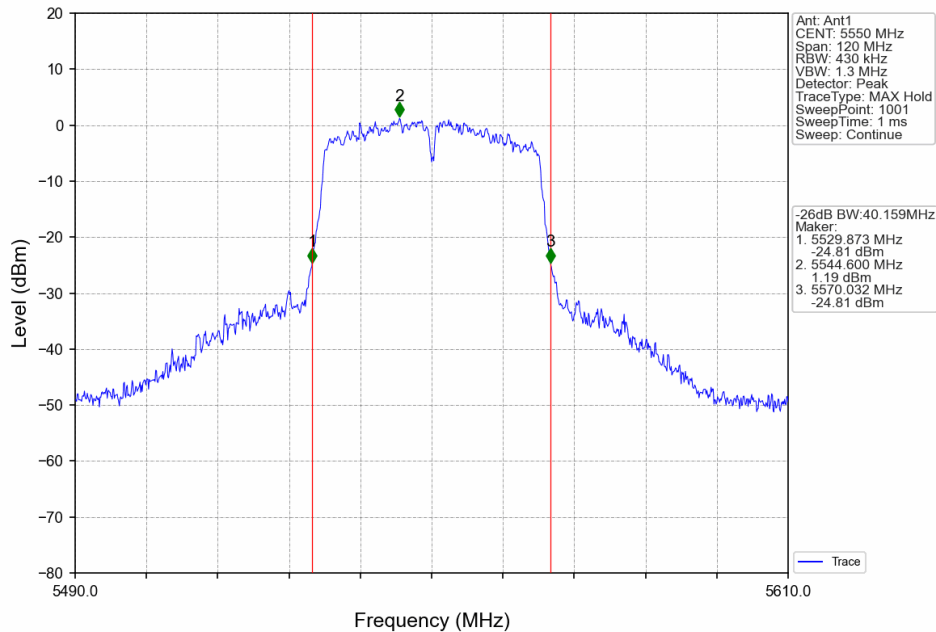
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802.11n(HT40)_LCH_5510MHz_Ant1_NTNV



802.11n(HT40)_MCH_5550MHz_Ant1_NTNV



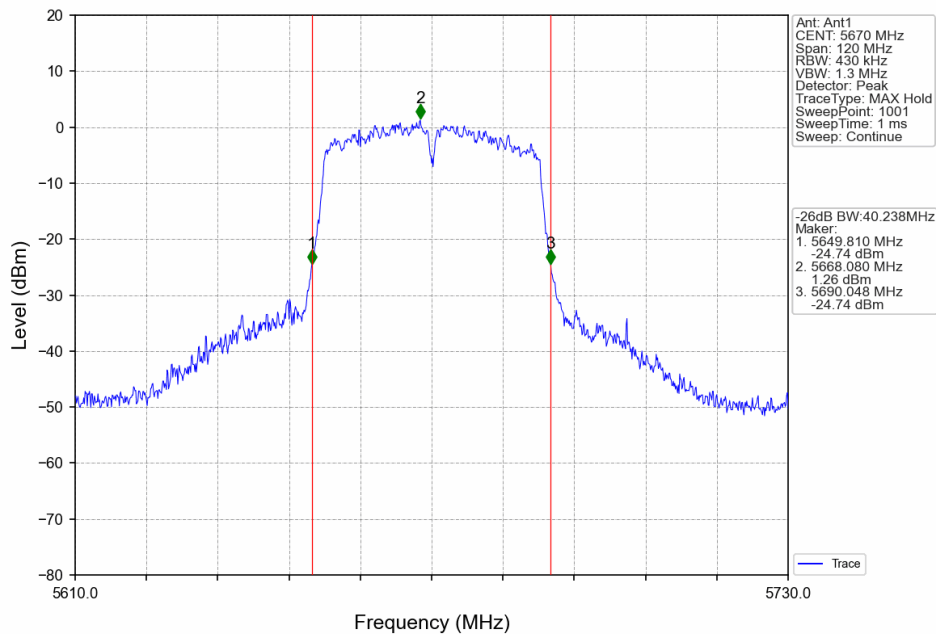
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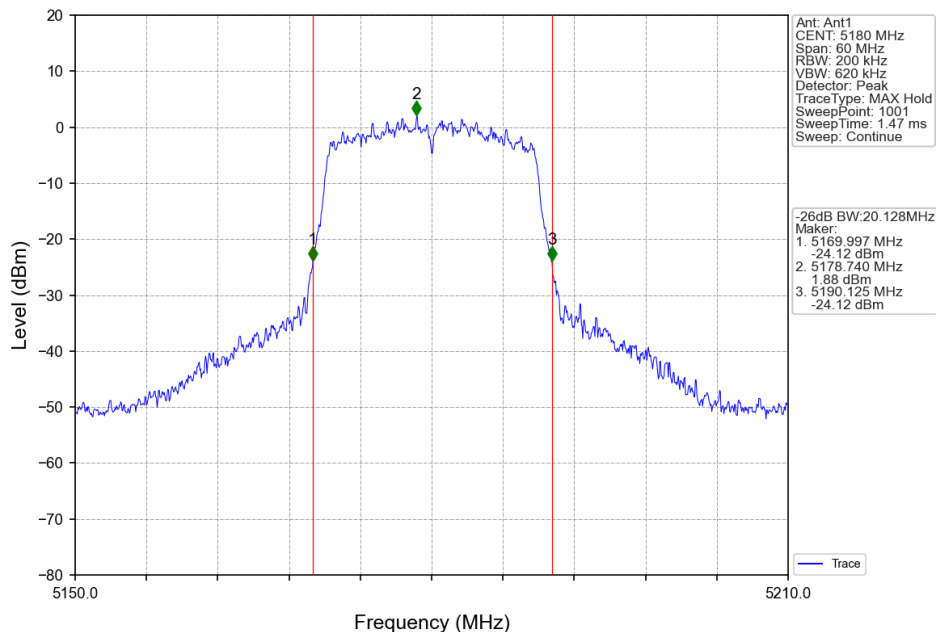
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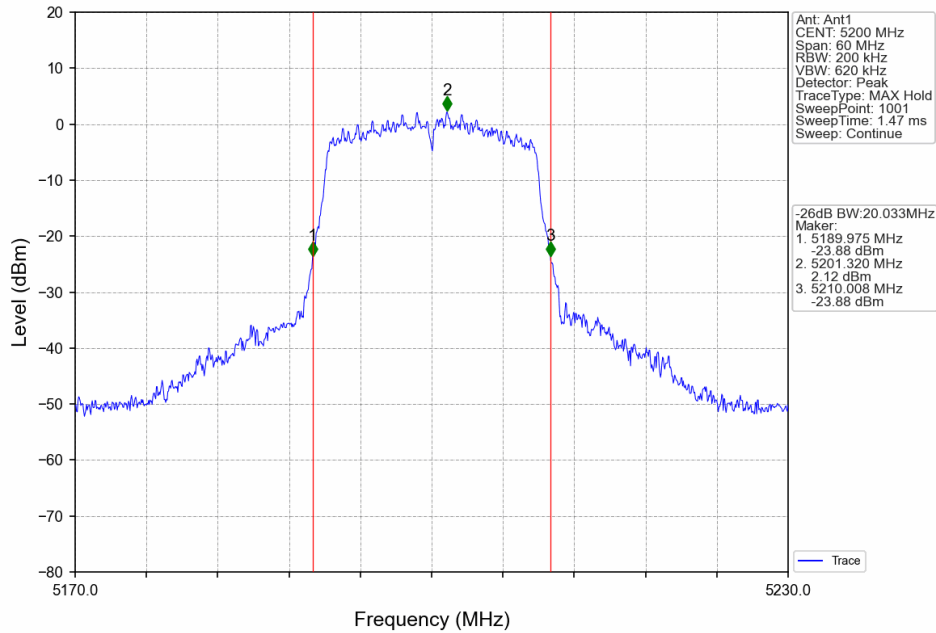
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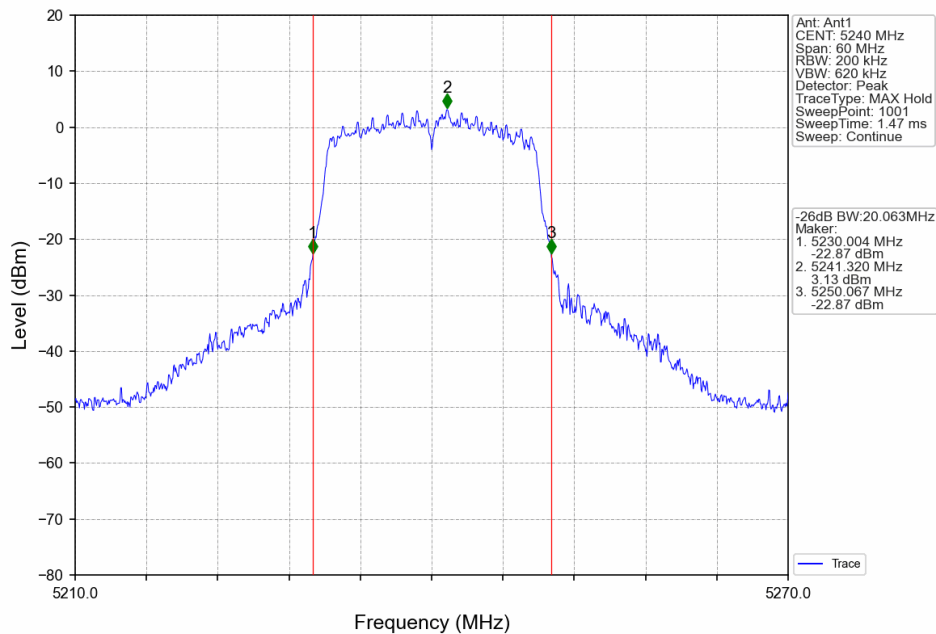
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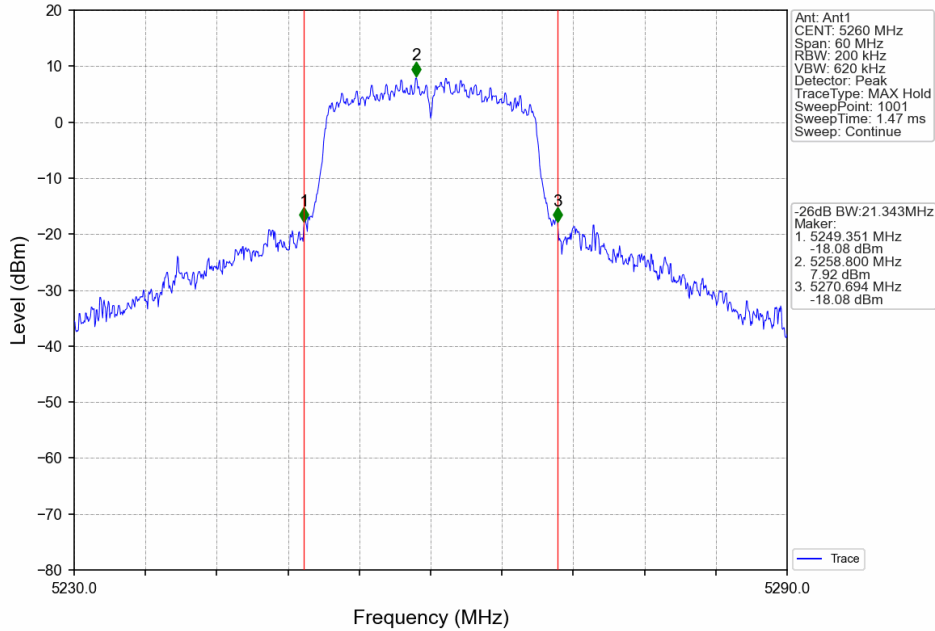
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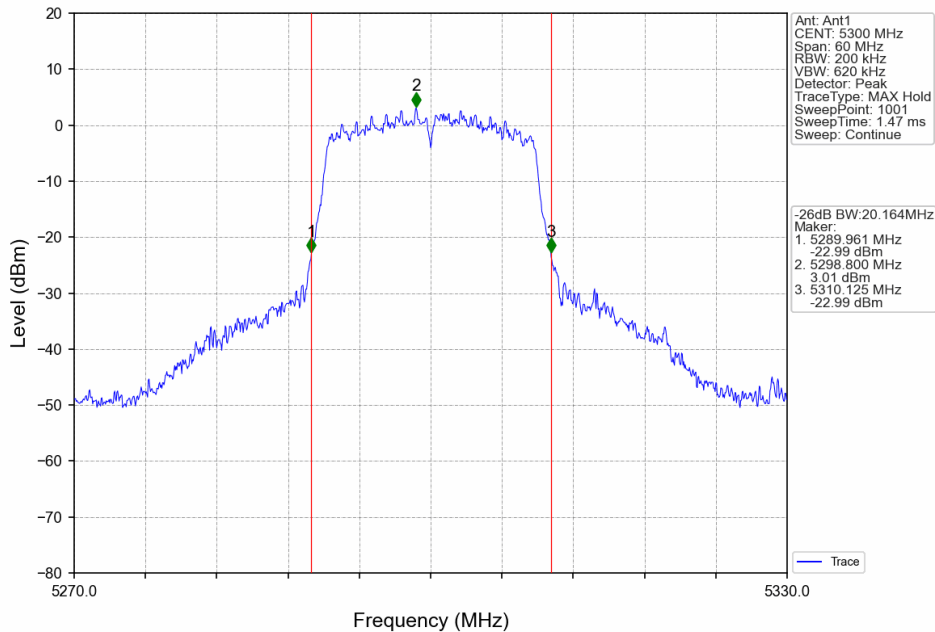
802.11ac(VHT20)_HCH_5240MHz_Ant1_NTNV



802.11ac(VHT20)_LCH_5260MHz_Ant1_NTNV



802.11ac(VHT20)_MCH_5300MHz_Ant1_NTNV



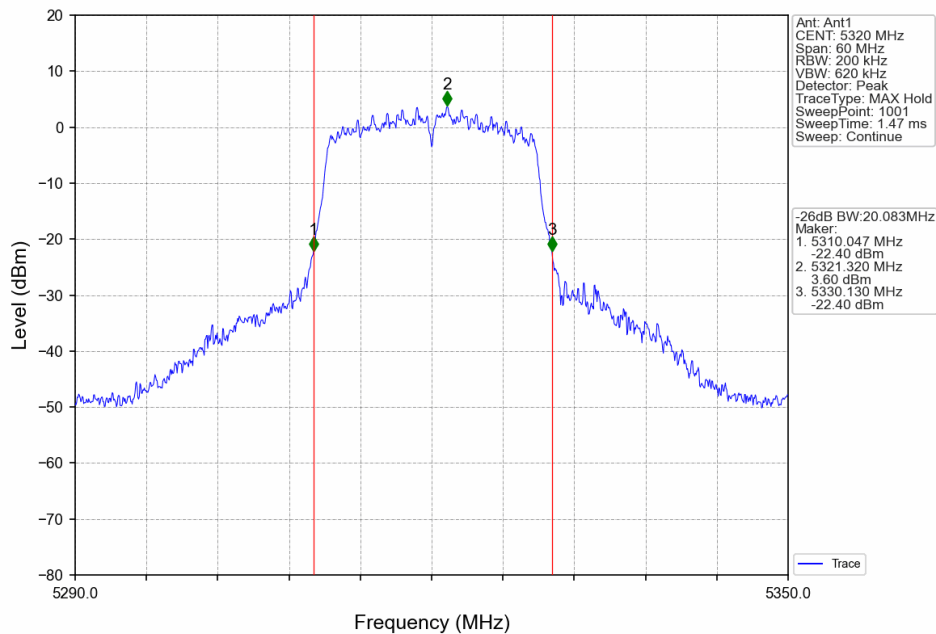
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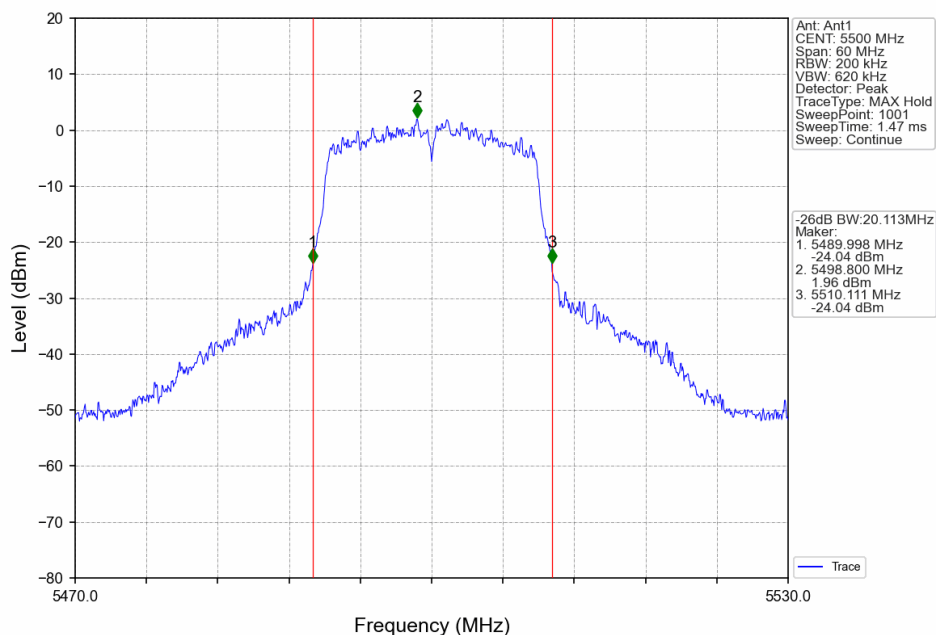
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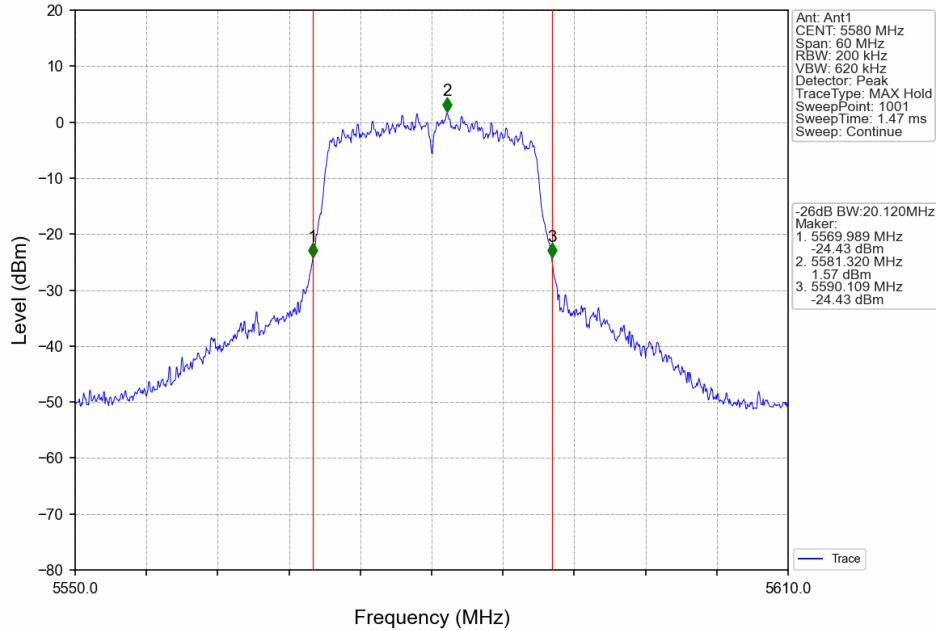
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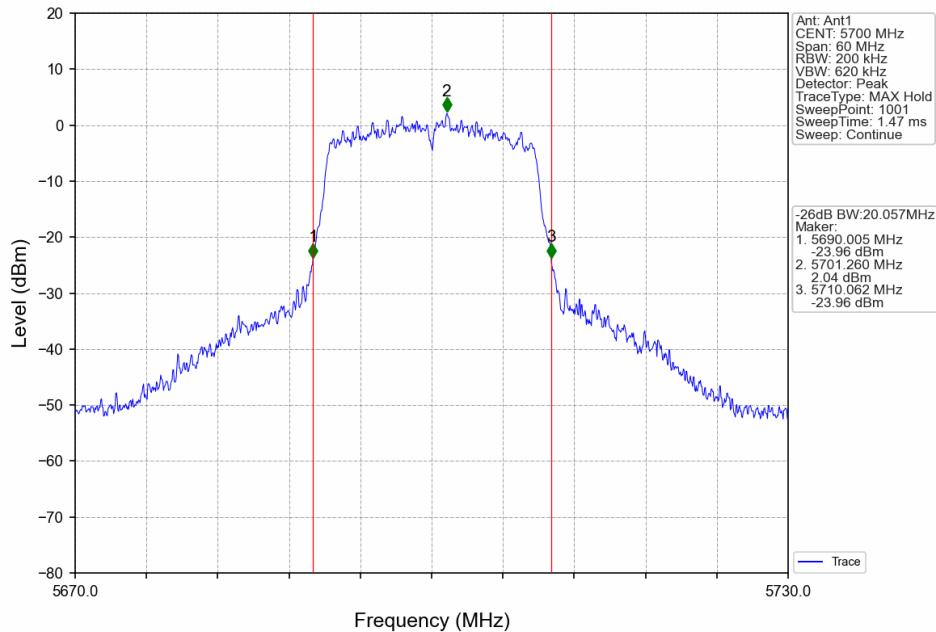
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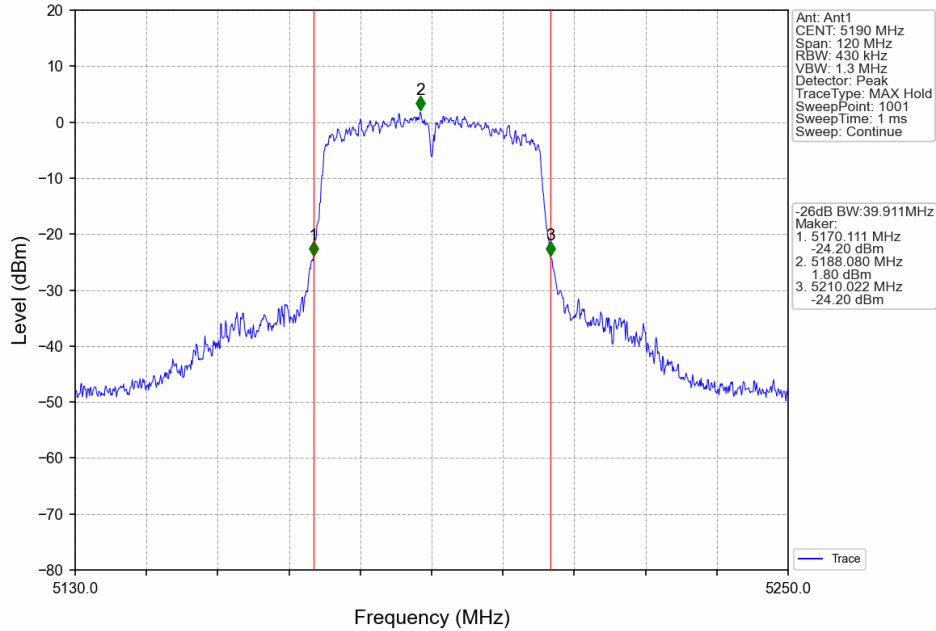
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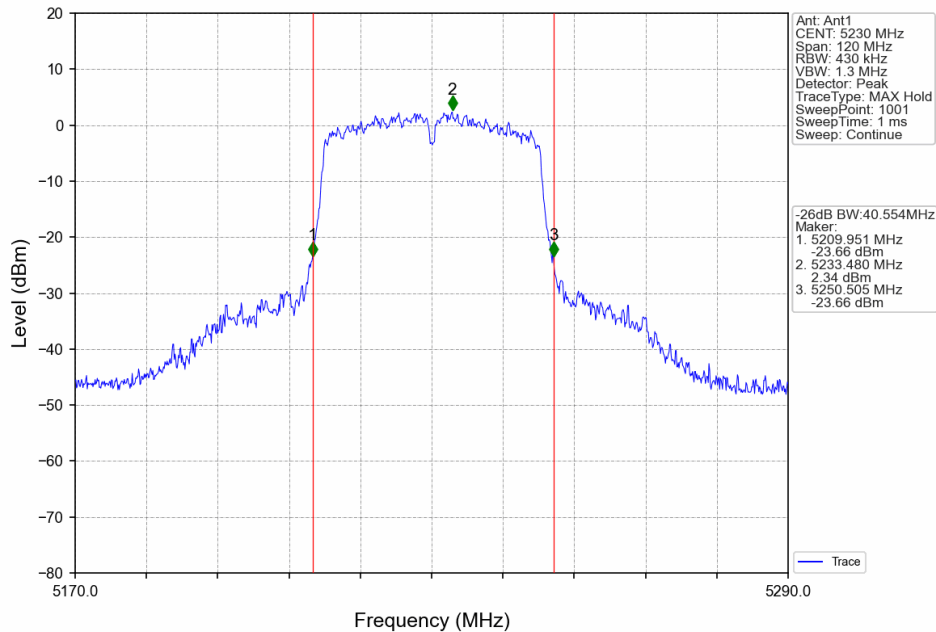
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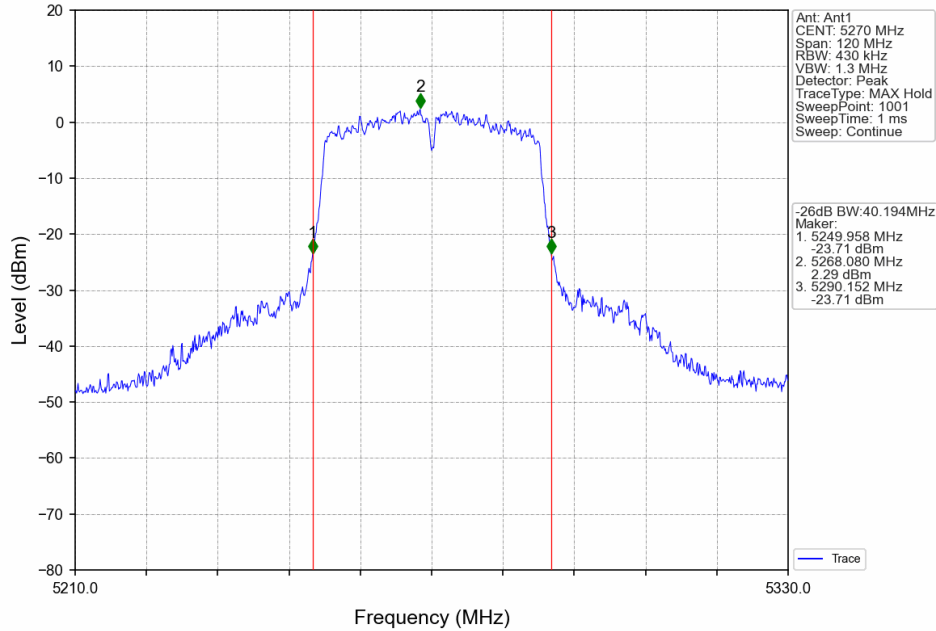
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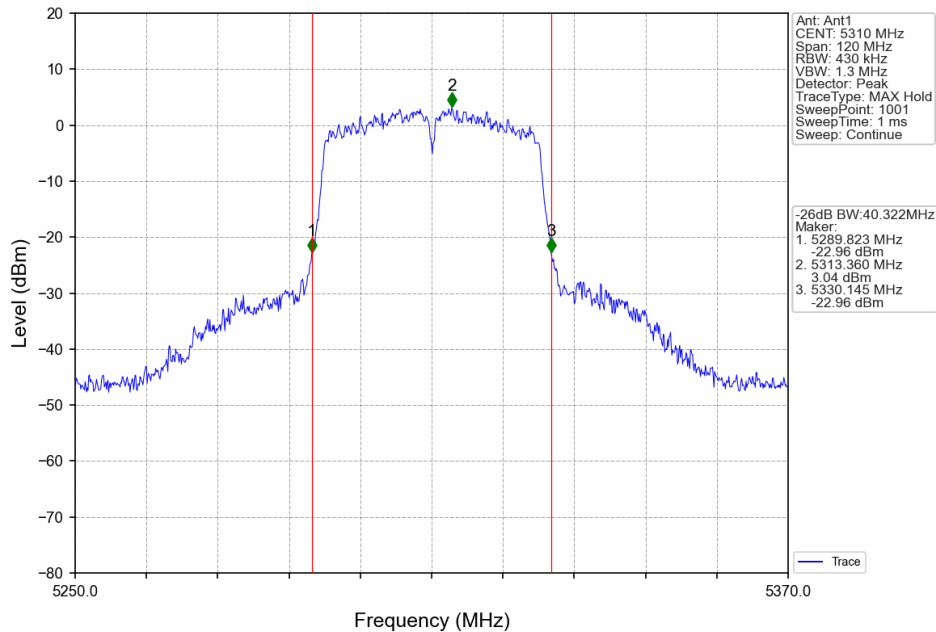
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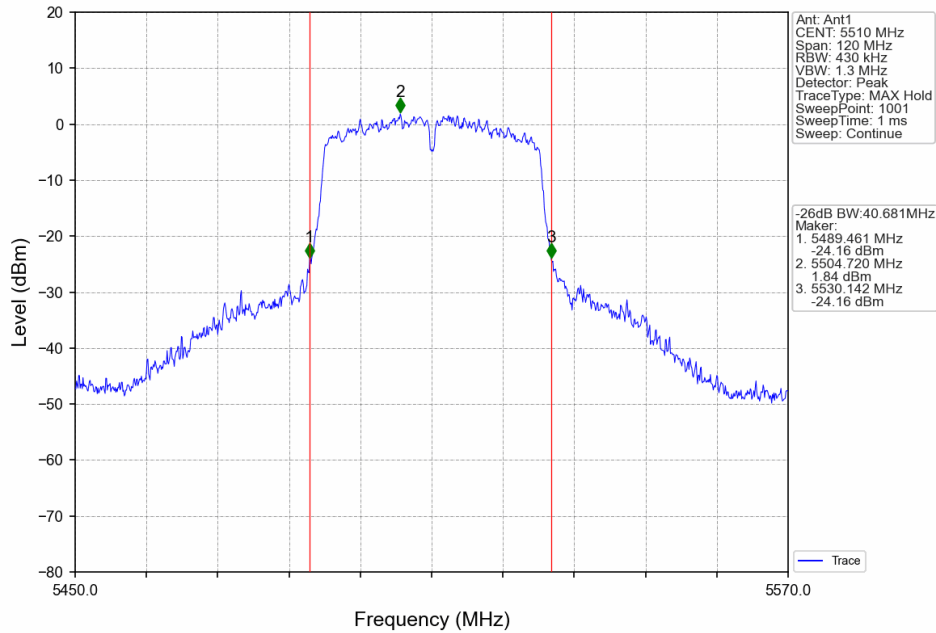
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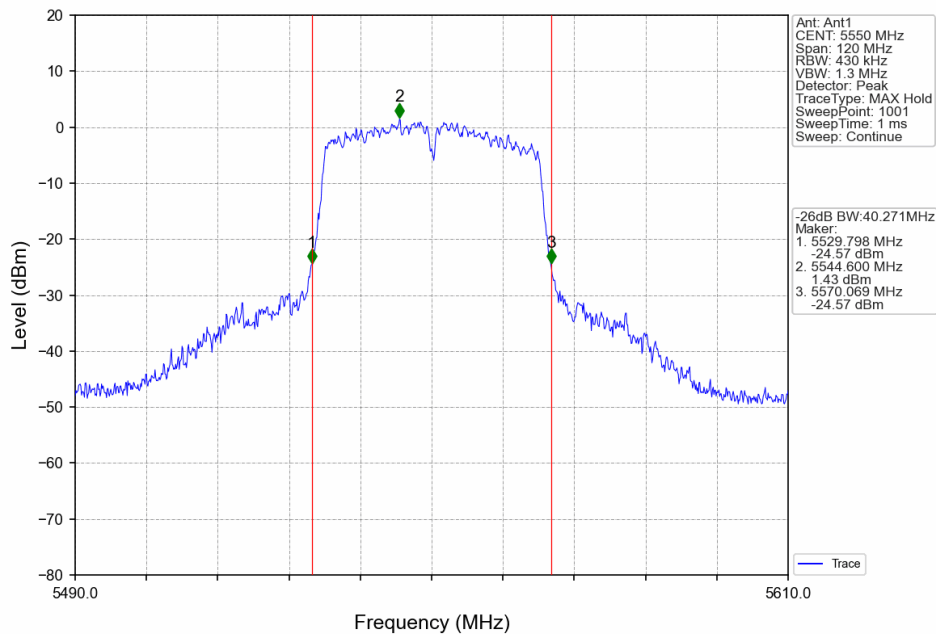
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802.11ac(VHT40)_LCH_5510MHz_Ant1_NTNV



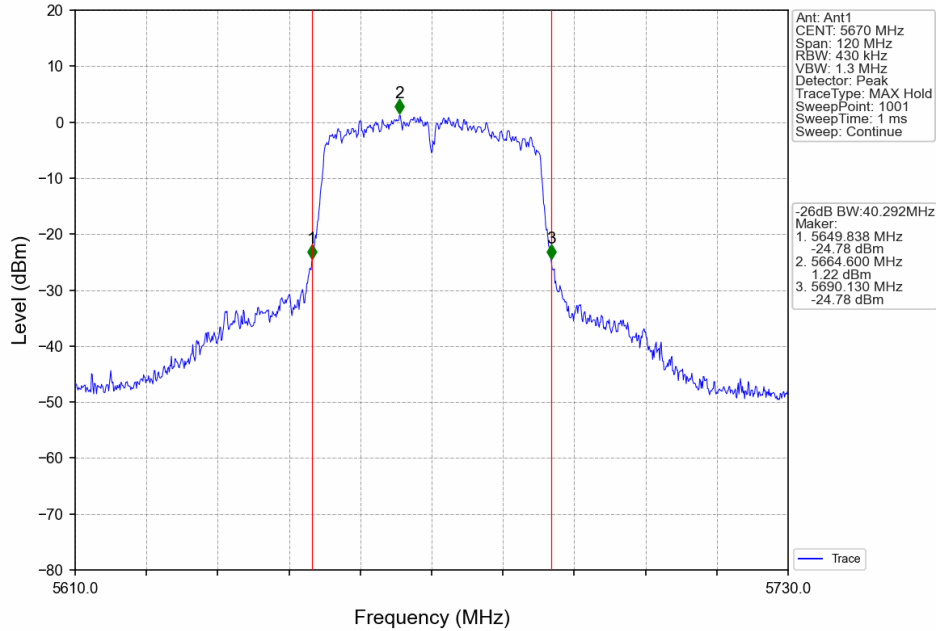
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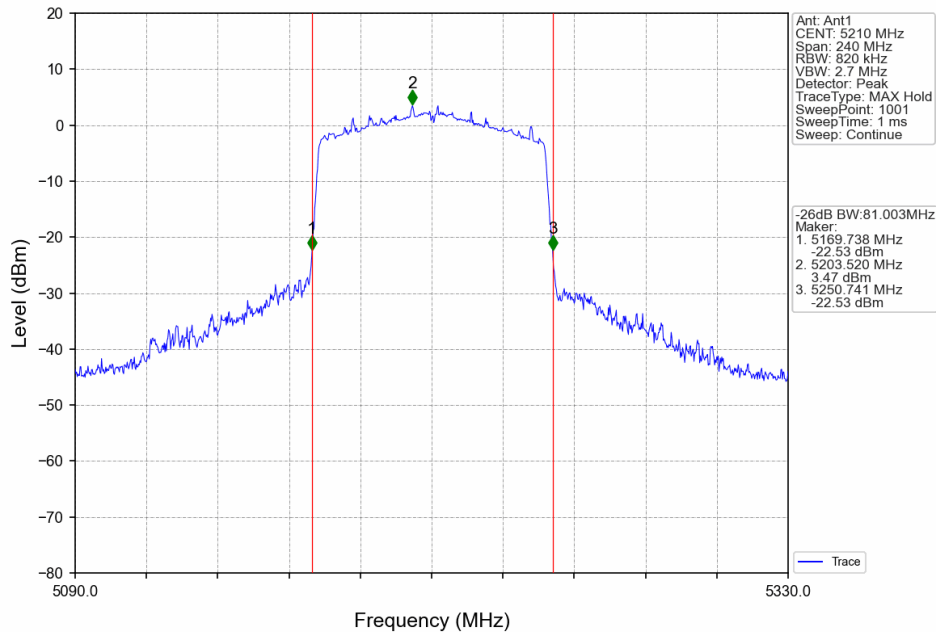
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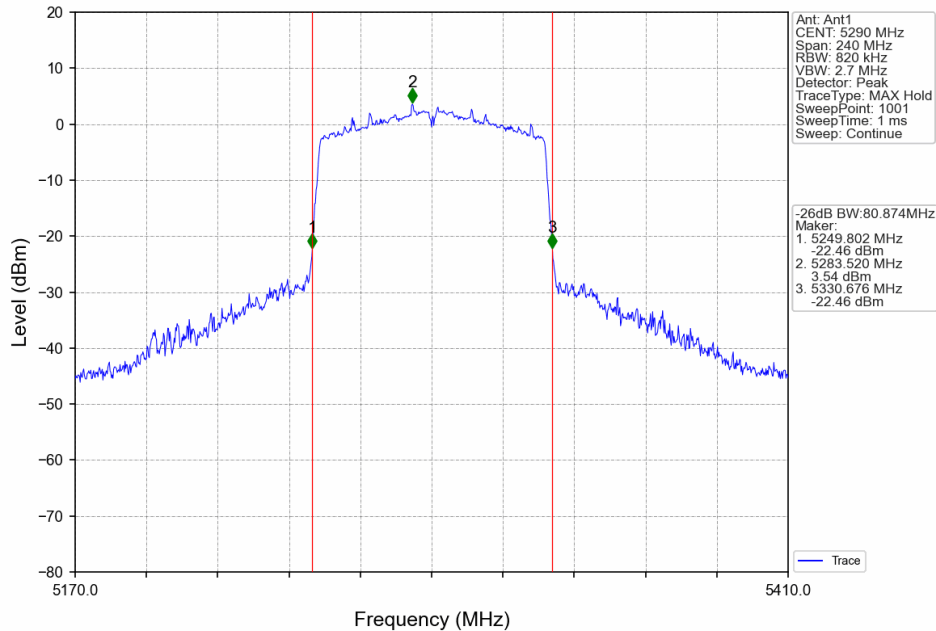
802.11ac(VHT40)_HCH_5670MHz_Ant1_NTNV



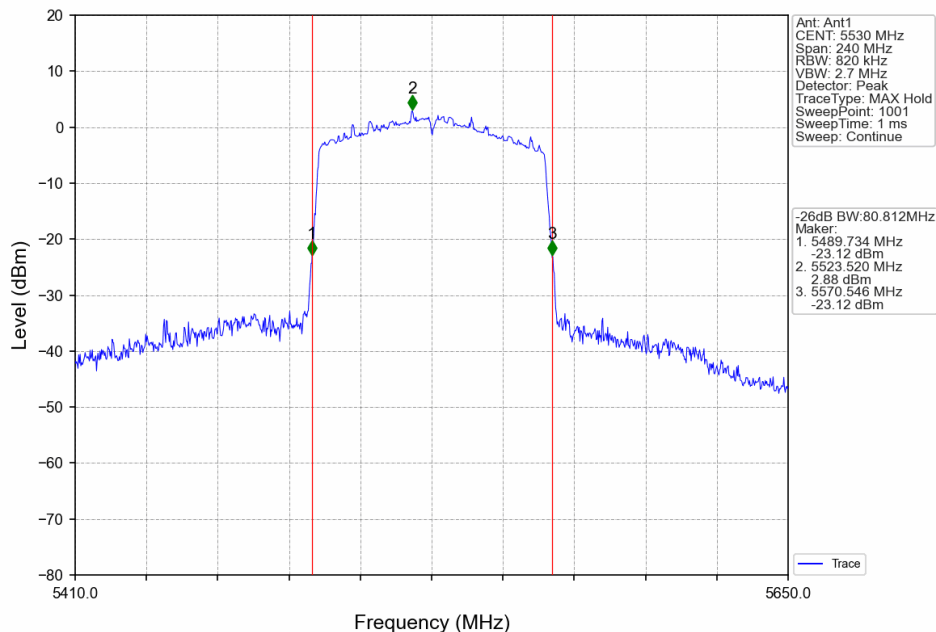
802.11ac(VHT80)_MCH_5210MHz_Ant1_NTNV

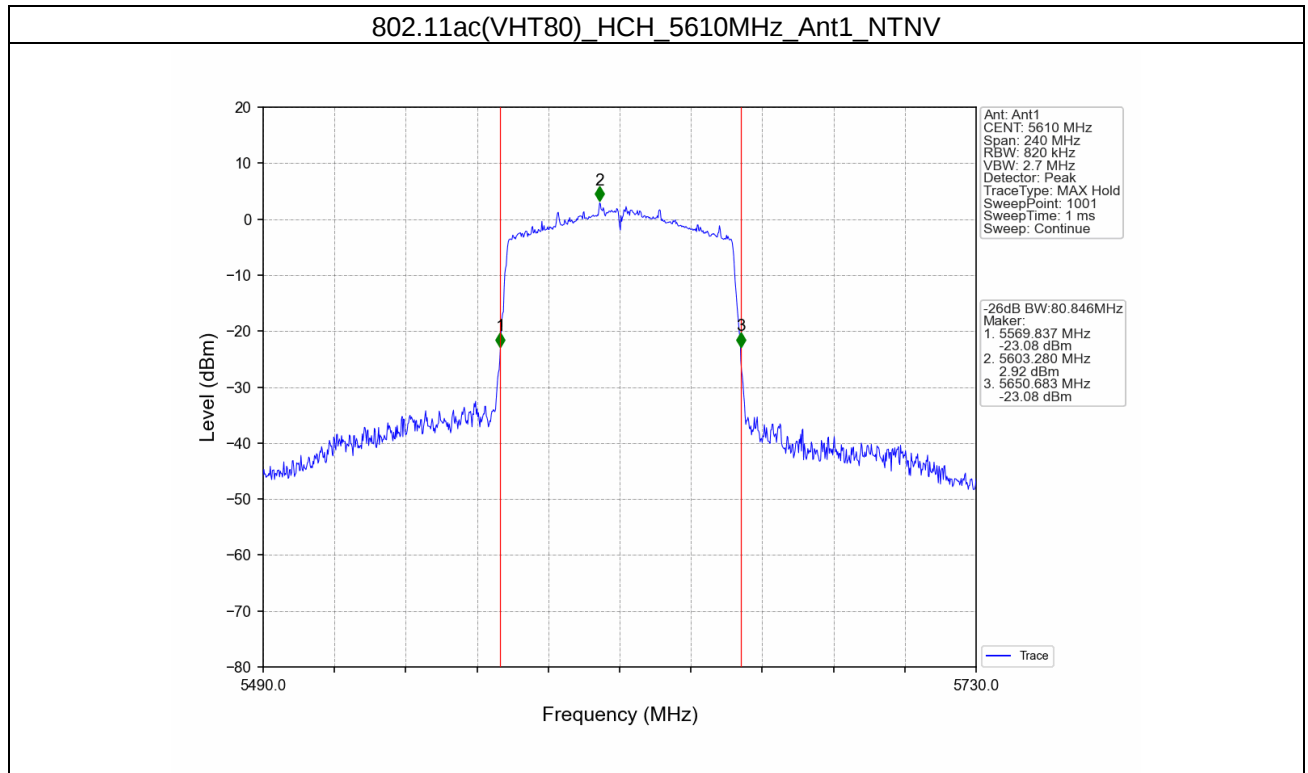


802.11ac(VHT80)_MCH_5290MHz_Ant1_NTNV



802.11ac(VHT80)_LCH_5530MHz_Ant1_NTNV





3. Maximum Conducted Output Power

3.1 Power

3.1.1 Test Result

Mode	TX Type	Frequency (MHz)	Maximum Average Conducted Output Power (dBm)				Verdict
			ANT1	ANT2	MIMO	Limit	
802.11a	SISO	5180	14.32	15.04	/	<=30	Pass
		5200	14.17	15.16	/	<=30	Pass
		5240	14.26	14.24	/	<=30	Pass
		5260	14.86	15.20	/	<=21.95	Pass
		5300	15.12	15.04	/	<=21.95	Pass
		5320	15.46	15.46	/	<=21.95	Pass
		5500	14.76	15.51	/	<=21.95	Pass
		5580	14.42	16.12	/	<=21.95	Pass
		5700	14.85	16.25	/	<=21.95	Pass
		5745	14.66	15.96	/	<=30	Pass
		5785	14.65	16.08	/	<=30	Pass
		5825	14.73	15.66	/	<=30	Pass
802.11n (HT20)	MIMO	5180	10.61	11.85	14.28	<=27.97	Pass
		5200	10.64	11.94	14.35	<=27.97	Pass
		5240	11.60	12.10	14.87	<=27.97	Pass
		5260	11.78	12.53	15.18	<=21.95	Pass
		5300	12.09	12.41	15.26	<=21.95	Pass
		5320	12.25	12.75	15.52	<=21.95	Pass
		5500	11.76	12.68	15.25	<=21.95	Pass
		5580	11.52	13.35	15.54	<=21.95	Pass
		5700	11.96	13.75	15.96	<=21.95	Pass
		5745	11.43	12.75	15.15	<=27.97	Pass
		5785	11.49	12.92	15.27	<=27.97	Pass
		5825	12.48	13.44	16.00	<=27.97	Pass
802.11n (HT40)	MIMO	5190	11.49	12.70	15.15	<=27.97	Pass
		5230	12.43	12.80	15.63	<=27.97	Pass
		5270	11.98	12.61	15.32	<=21.95	Pass
		5310	12.75	13.00	15.89	<=21.95	Pass
		5510	11.37	12.38	14.91	<=21.95	Pass
		5550	10.81	12.51	14.75	<=21.95	Pass
		5670	10.67	12.27	14.55	<=21.95	Pass
		5755	11.81	13.21	15.58	<=27.97	Pass
		5795	11.99	13.28	15.69	<=27.97	Pass



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802.11ac (VHT20)	MIMO	5180	10.99	12.31	14.71	<=27.97	Pass
		5200	11.09	12.42	14.82	<=27.97	Pass
		5240	12.05	12.53	15.31	<=27.97	Pass
		5260	11.67	12.47	15.10	<=21.95	Pass
		5300	12.03	12.35	15.20	<=21.95	Pass
		5320	12.39	12.72	15.57	<=21.95	Pass
		5500	11.81	12.86	15.38	<=21.95	Pass
		5580	11.44	13.45	15.57	<=21.95	Pass
		5700	11.84	13.66	15.85	<=21.95	Pass
		5745	11.39	12.72	15.12	<=27.97	Pass
		5785	11.40	12.88	15.21	<=27.97	Pass
		5825	12.31	13.33	15.86	<=27.97	Pass
802.11ac (VHT40)	MIMO	5190	11.35	12.69	15.08	<=27.97	Pass
		5230	12.42	12.78	15.61	<=27.97	Pass
		5270	11.77	12.53	15.18	<=21.95	Pass
		5310	12.66	13.00	15.84	<=21.95	Pass
		5510	12.27	13.27	15.81	<=21.95	Pass
		5550	11.70	13.53	15.72	<=21.95	Pass
		5670	11.66	13.34	15.59	<=21.95	Pass
		5755	11.82	13.21	15.58	<=27.97	Pass
802.11ac (VHT80)	MIMO	5795	11.88	13.34	15.68	<=27.97	Pass
		5210	11.79	12.34	15.08	<=27.97	Pass
		5290	12.20	12.64	15.44	<=21.95	Pass
		5530	11.84	13.61	15.82	<=21.95	Pass
		5610	11.61	13.61	15.73	<=21.95	Pass
		5775	11.59	13.19	15.47	<=27.97	Pass

Note1: Antenna Gain: Ant1: 5.02dBi; Ant2: 5.02dBi

Note2: Directional Gain: 8.03dBi

4. Maximum Power Spectral Density

4.1 PSD

4.1.1 Test Result

Mode	TX Type	Frequency (MHz)	Maximum PSD (dBm/MHz)				Verdict
			ANT1	ANT2	MIMO	Limit	
802.11a	SISO	5180	4.10	4.56	/	<=17	Pass
		5200	3.86	4.81	/	<=17	Pass
		5240	3.89	3.85	/	<=17	Pass
		5260	4.55	4.94	/	<=11	Pass
		5300	4.78	4.60	/	<=11	Pass
		5320	5.24	5.15	/	<=11	Pass
		5500	4.48	5.19	/	<=11	Pass
		5580	4.16	5.90	/	<=11	Pass
		5700	4.61	6.16	/	<=11	Pass
802.11n (HT20)	MIMO	5180	0.20	1.68	3.94	<=14.97	Pass
		5200	0.13	1.77	4.02	<=14.97	Pass
		5240	1.15	1.92	4.50	<=14.97	Pass
		5260	1.39	2.13	4.67	<=8.97	Pass
		5300	1.65	2.13	4.78	<=8.97	Pass
		5320	1.89	2.44	5.05	<=8.97	Pass
		5500	1.24	2.35	4.74	<=8.97	Pass
		5580	1.03	3.00	5.04	<=8.97	Pass
		5700	1.64	3.48	5.62	<=8.97	Pass
802.11n (HT40)	MIMO	5190	-1.73	-0.59	1.77	<=14.97	Pass
		5230	-0.76	-0.51	2.20	<=14.97	Pass
		5270	-1.51	-0.84	1.79	<=8.97	Pass
		5310	-0.57	-0.40	2.39	<=8.97	Pass
		5510	-1.96	-1.01	1.44	<=8.97	Pass
		5550	-2.48	-0.75	1.30	<=8.97	Pass
		5670	-2.61	-1.04	1.14	<=8.97	Pass
802.11ac (VHT20)	MIMO	5180	0.39	2.13	4.34	<=14.97	Pass
		5200	0.50	2.24	4.41	<=14.97	Pass
		5240	1.53	2.07	4.79	<=14.97	Pass
		5260	1.09	2.32	4.71	<=8.97	Pass
		5300	1.64	2.00	4.81	<=8.97	Pass
		5320	1.76	2.36	5.02	<=8.97	Pass
		5500	1.37	2.49	4.83	<=8.97	Pass
		5580	1.05	3.08	5.08	<=8.97	Pass
		5700	1.43	3.57	5.50	<=8.97	Pass



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