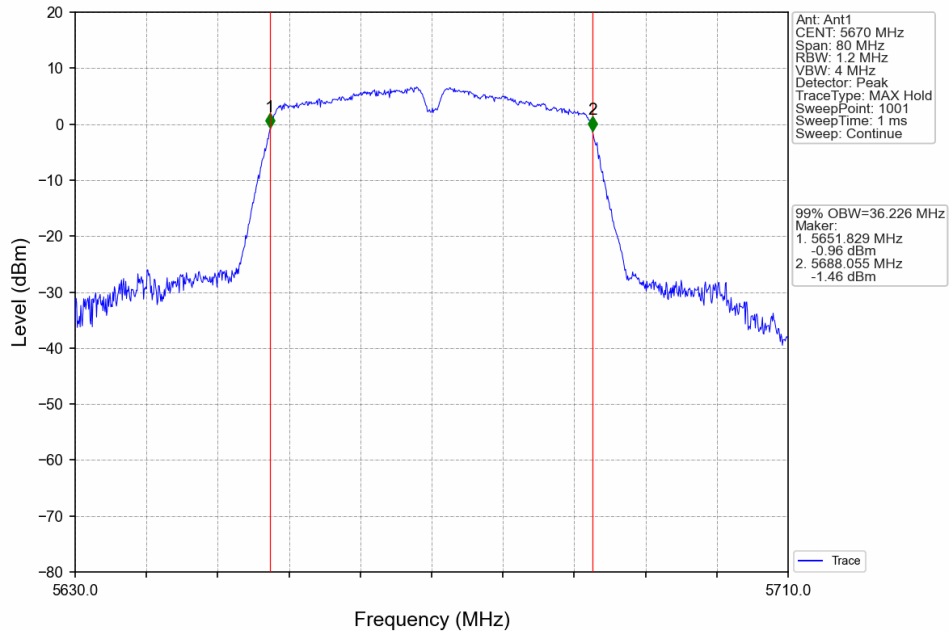
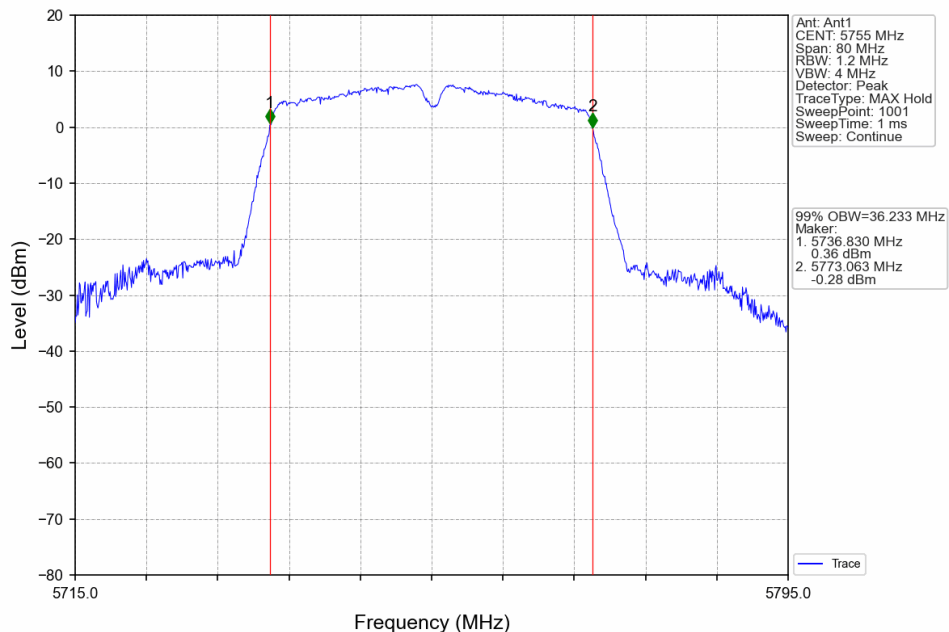


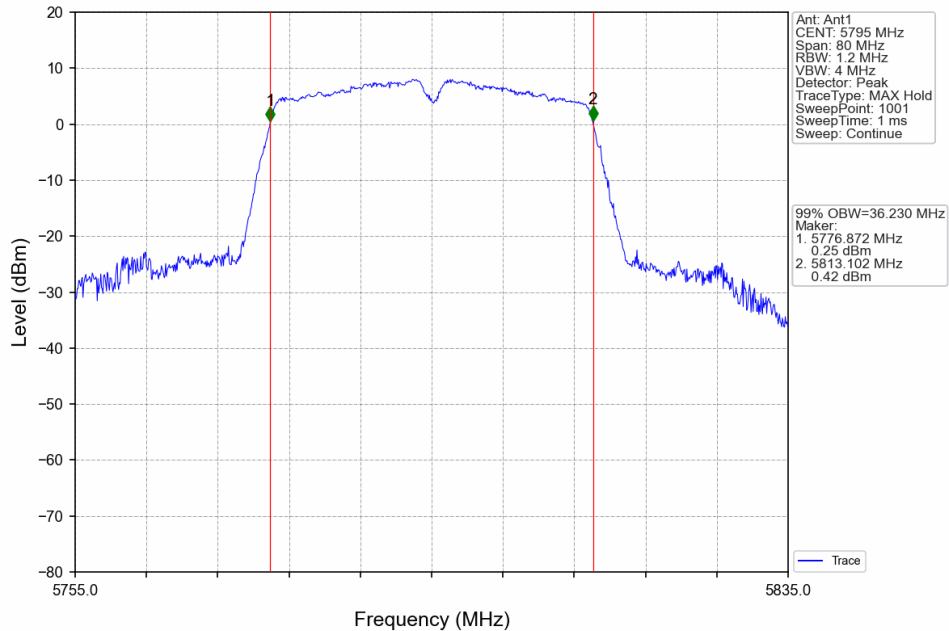
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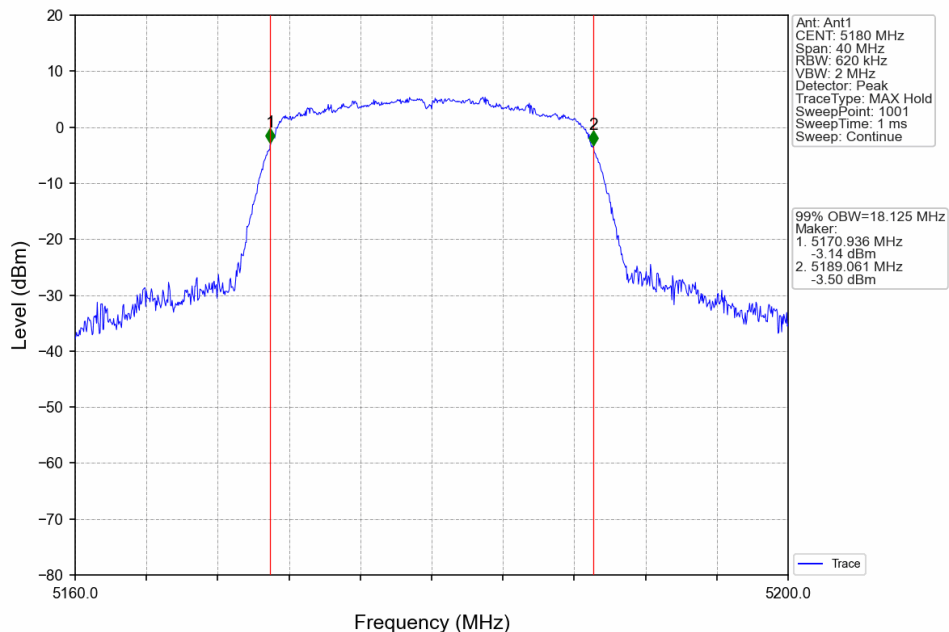
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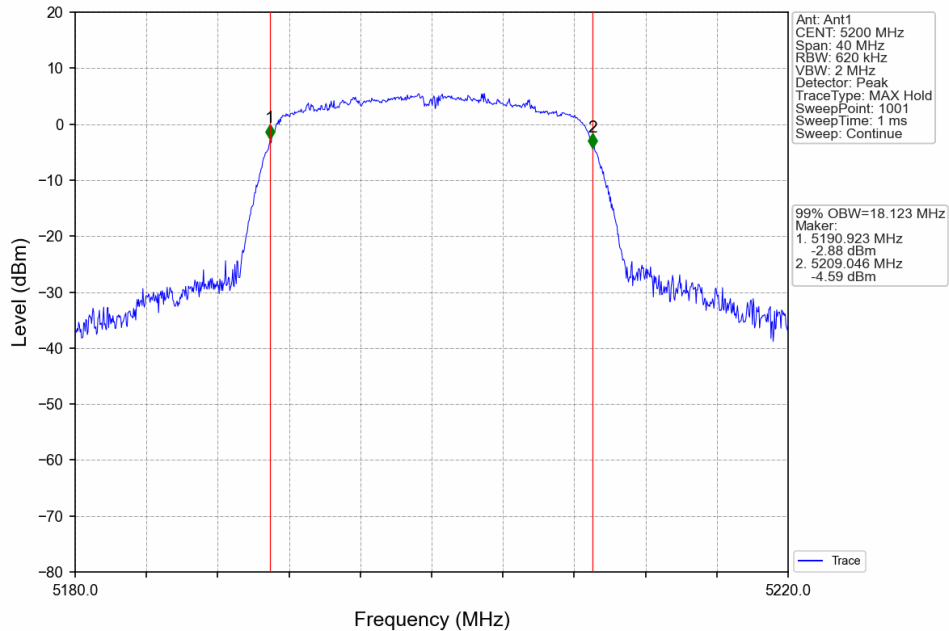
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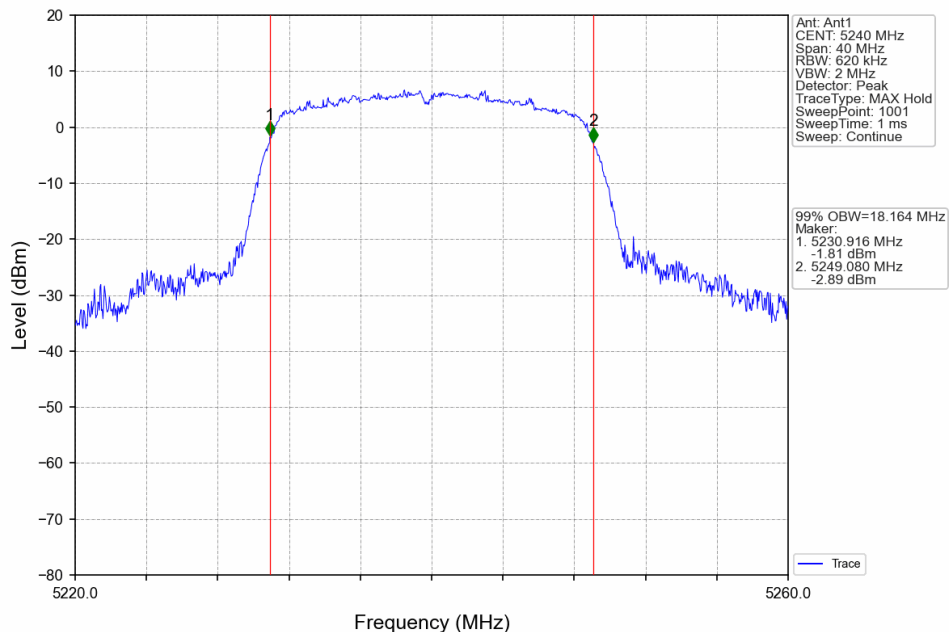
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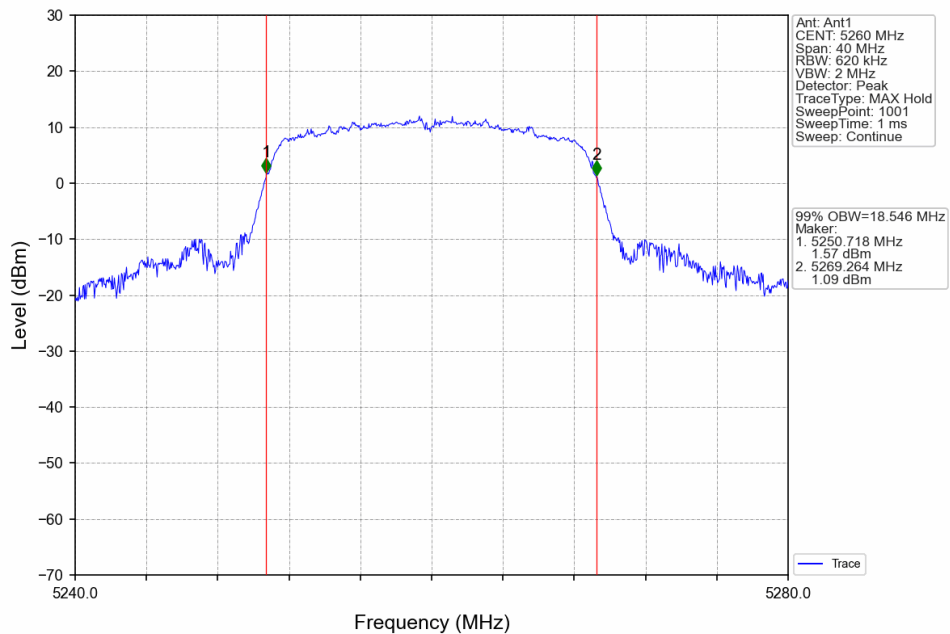
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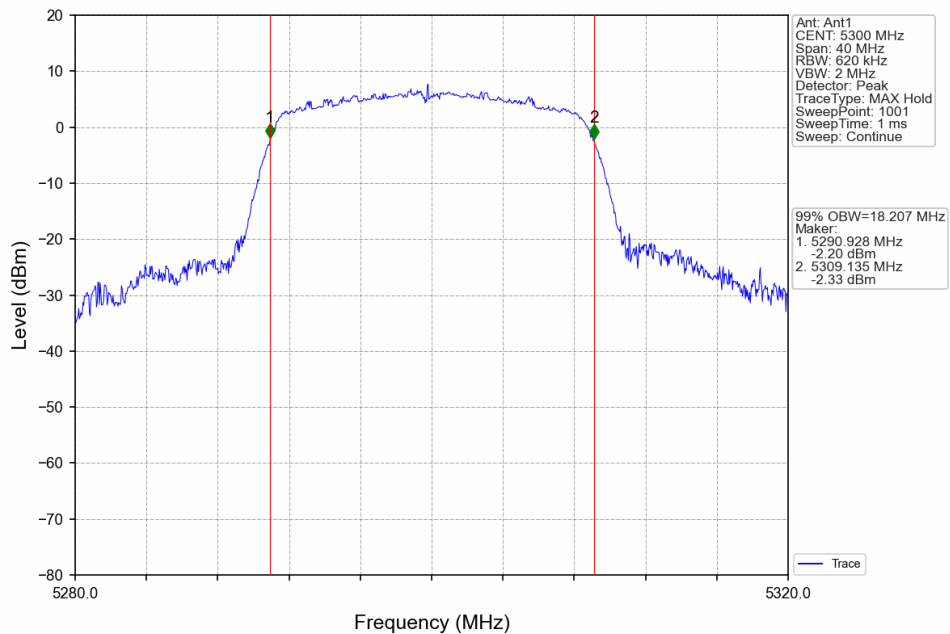
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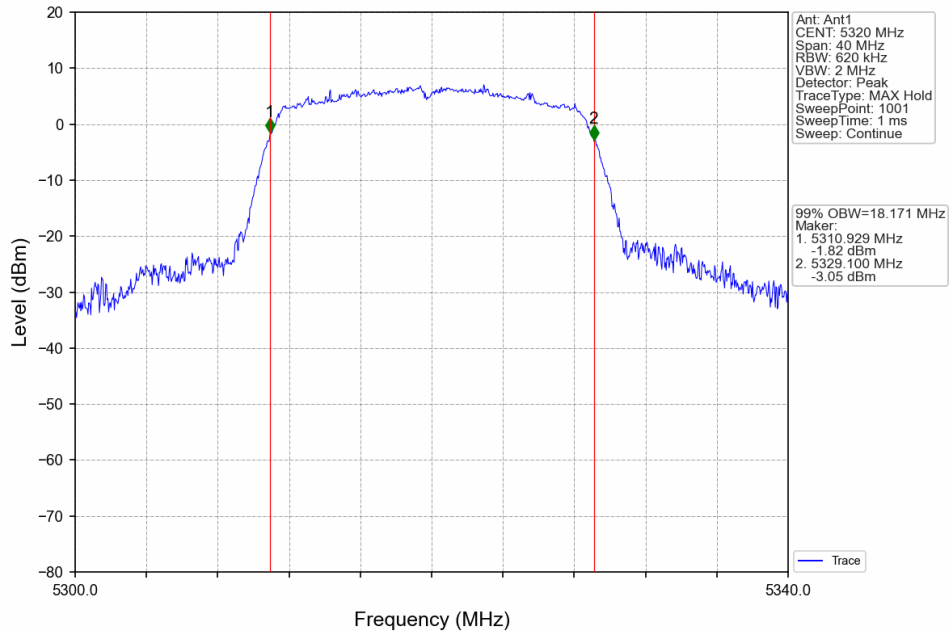
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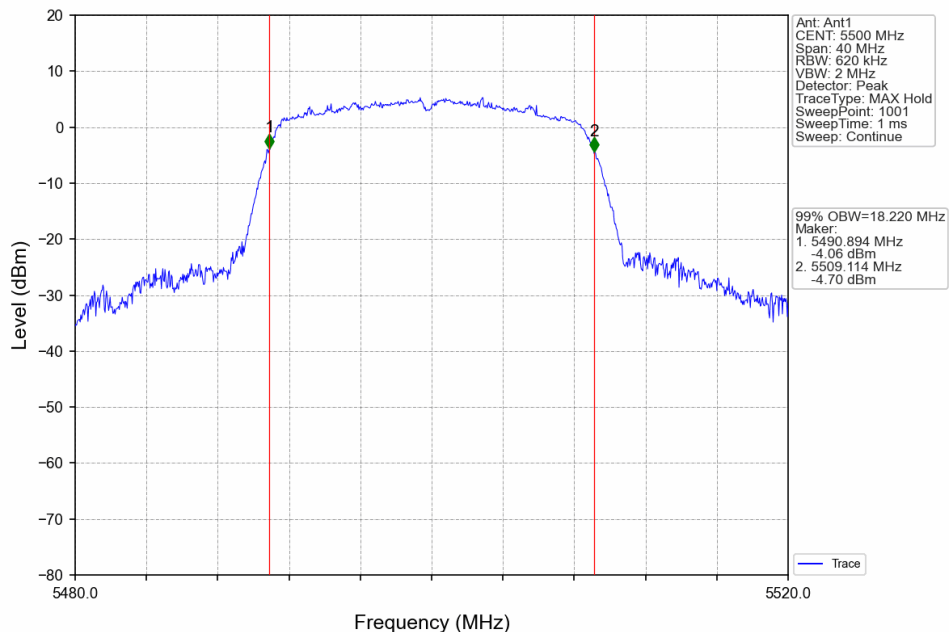
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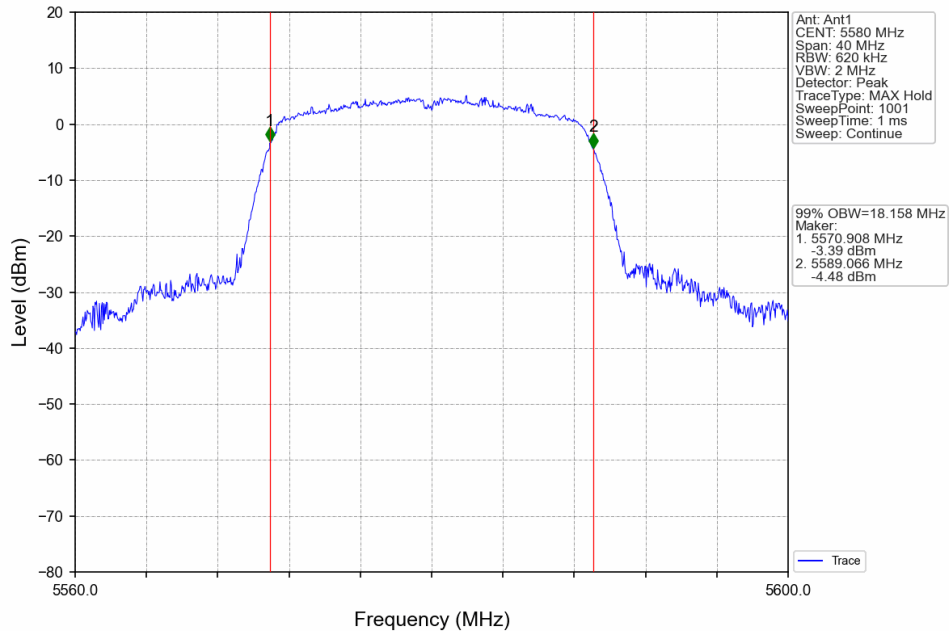
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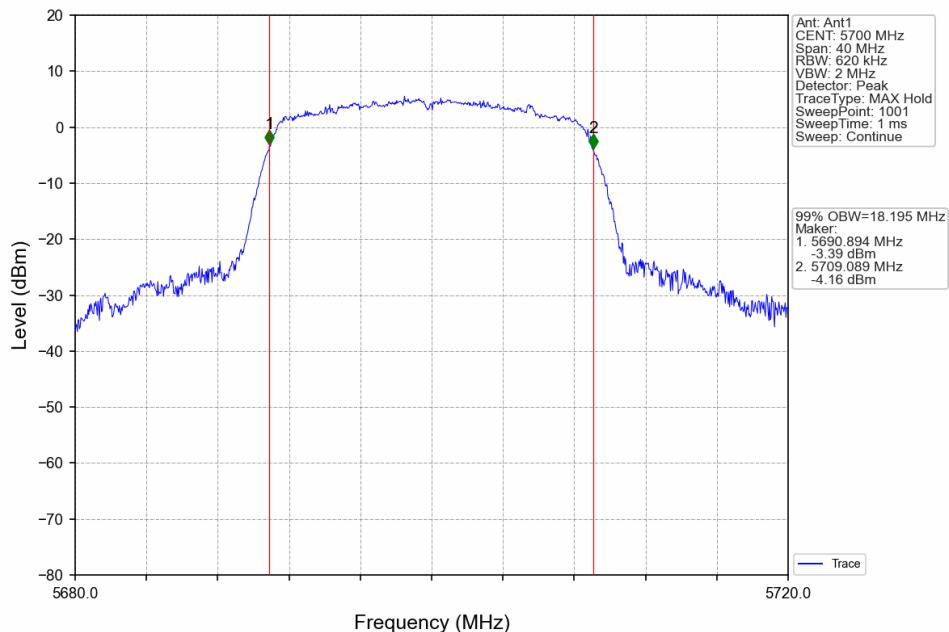
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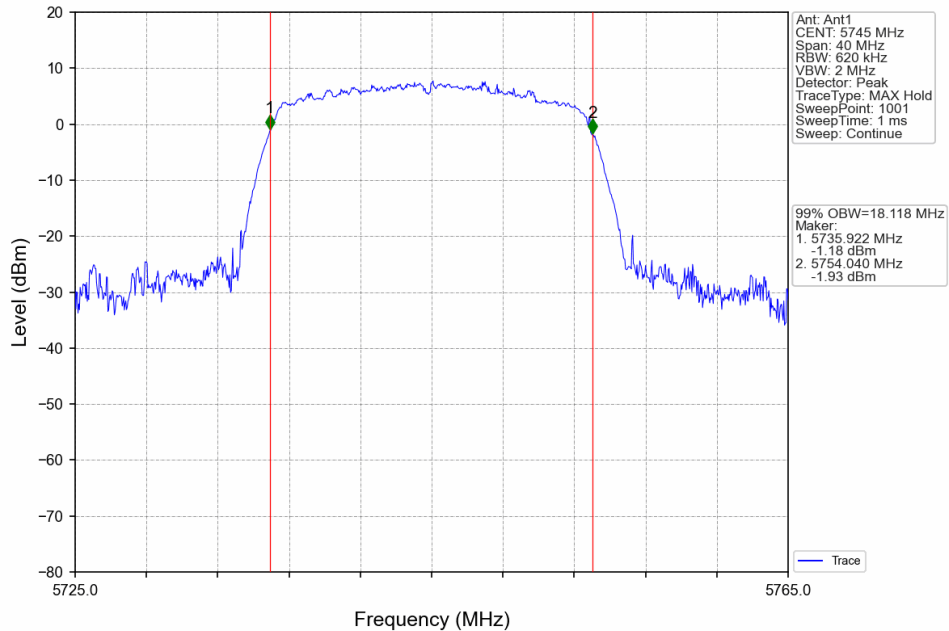
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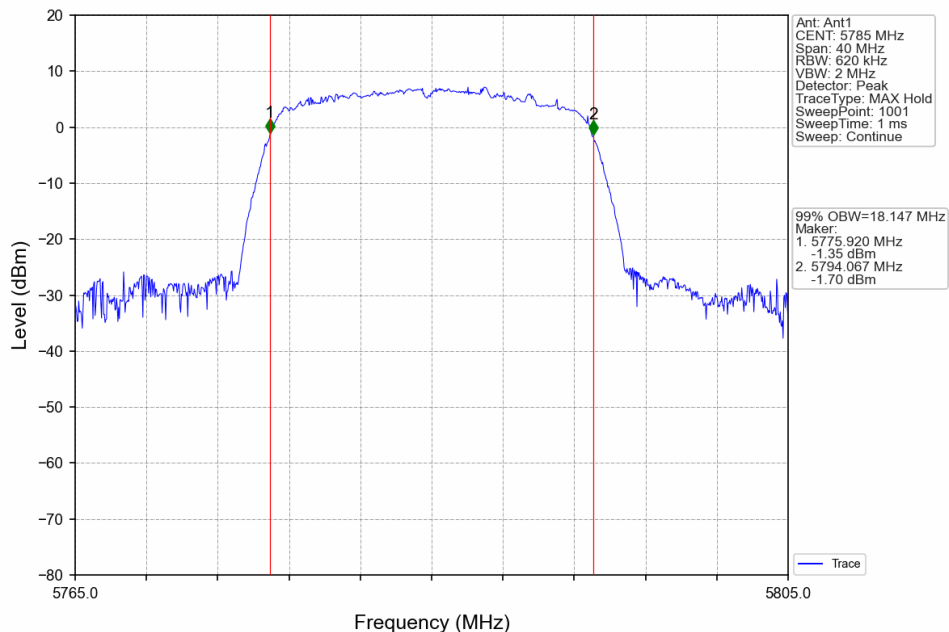
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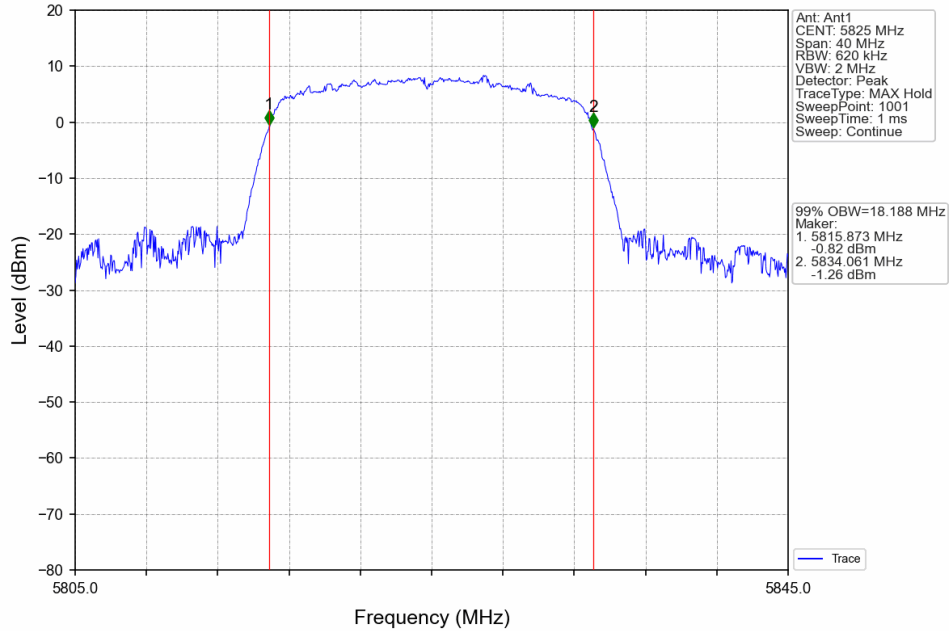
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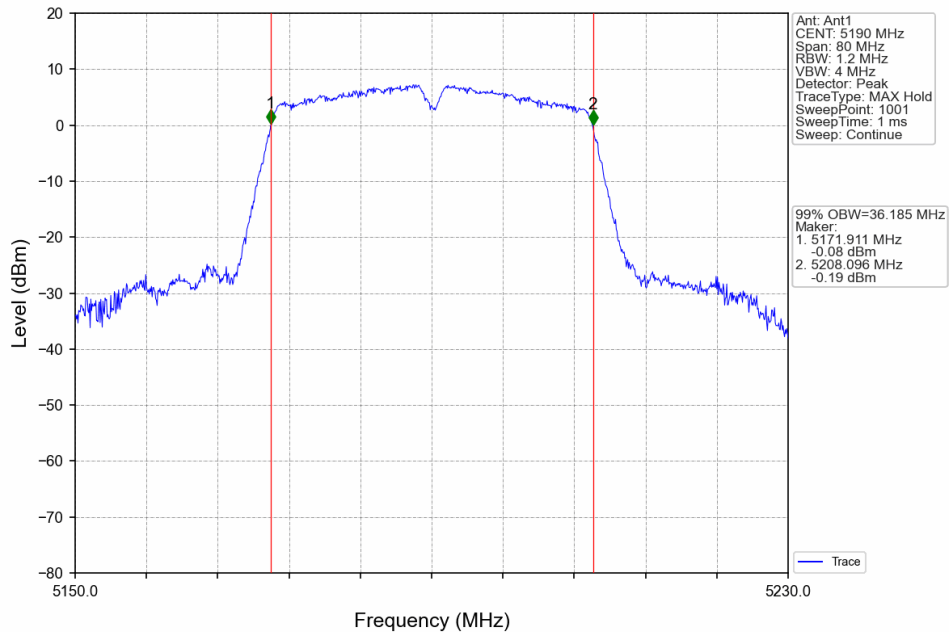
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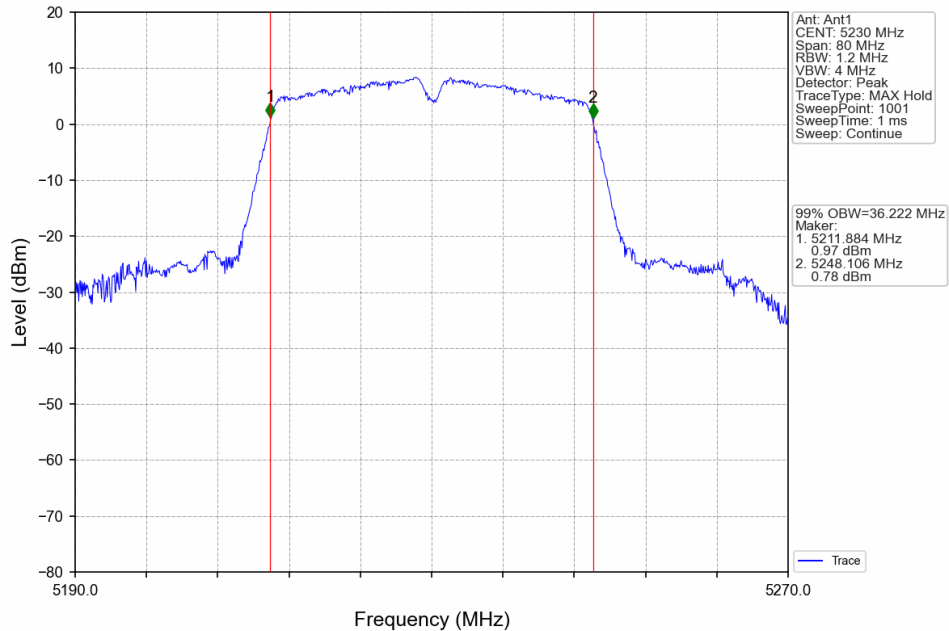
802.11ac(VHT20)_HCH_5825MHz_Ant1_NTNV



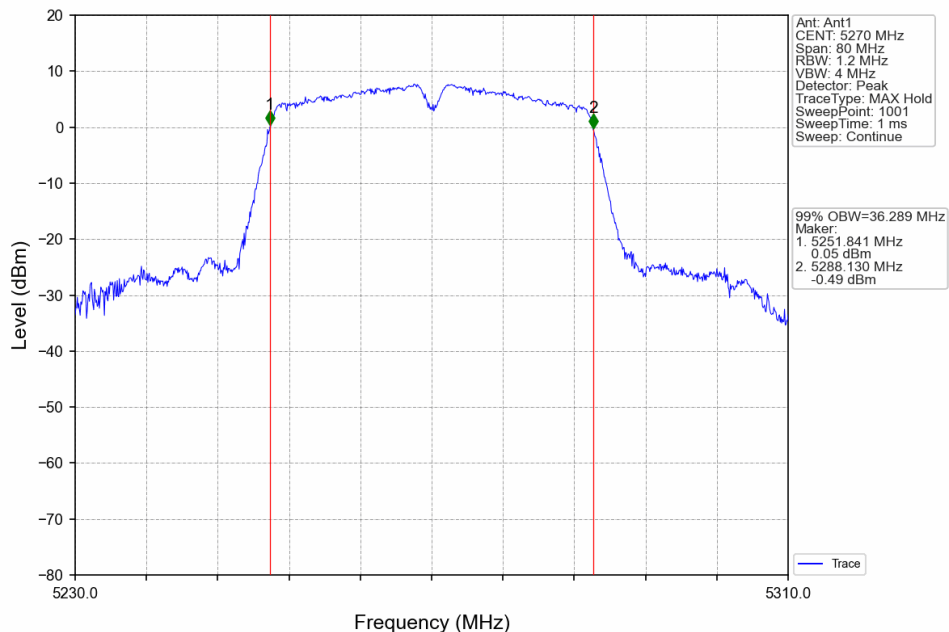
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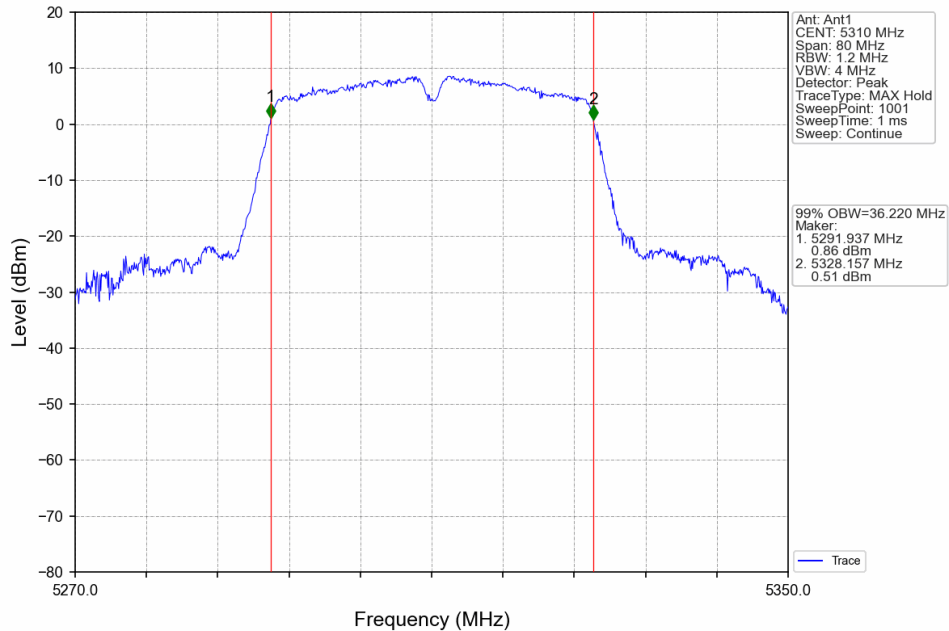
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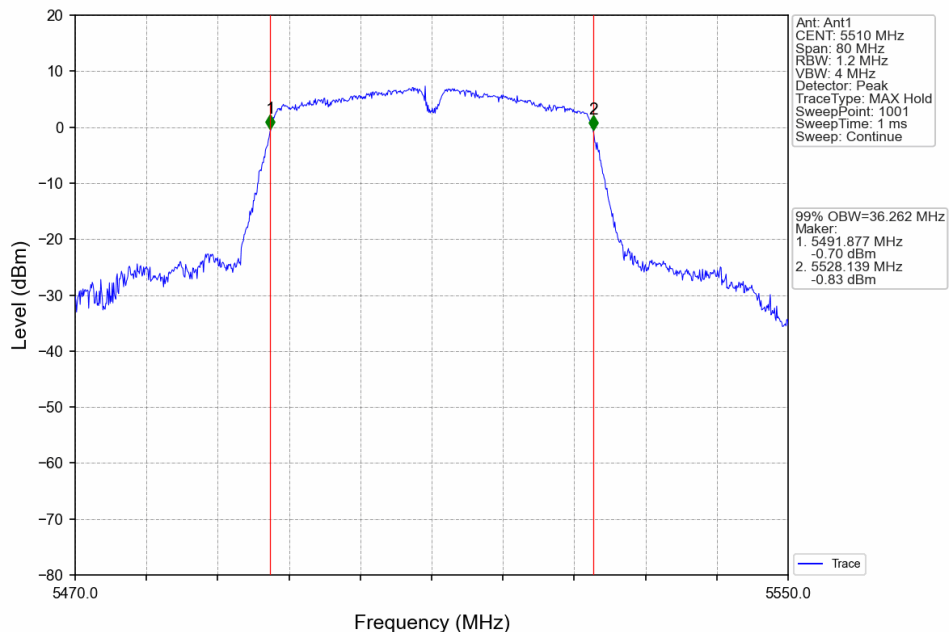
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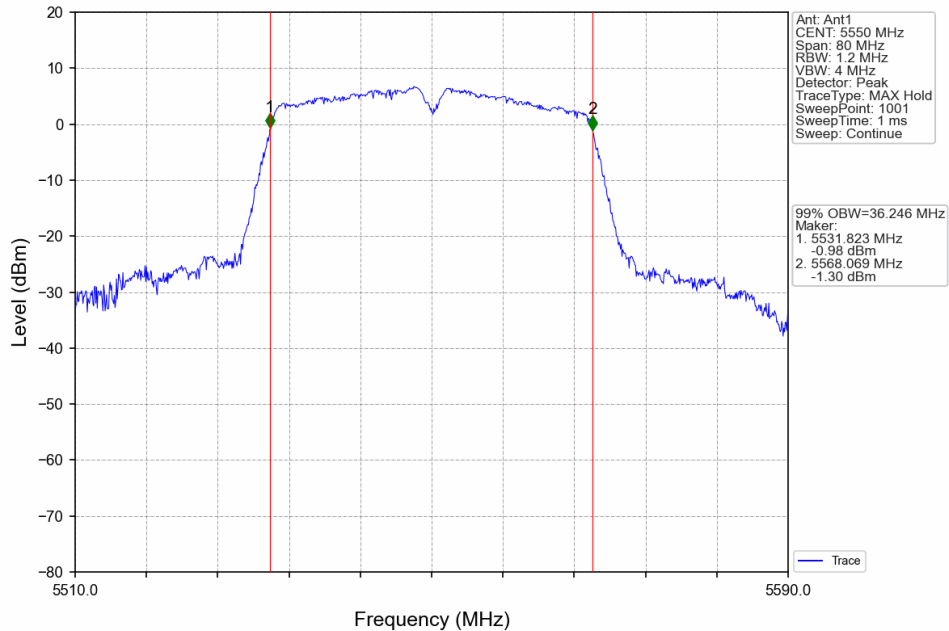
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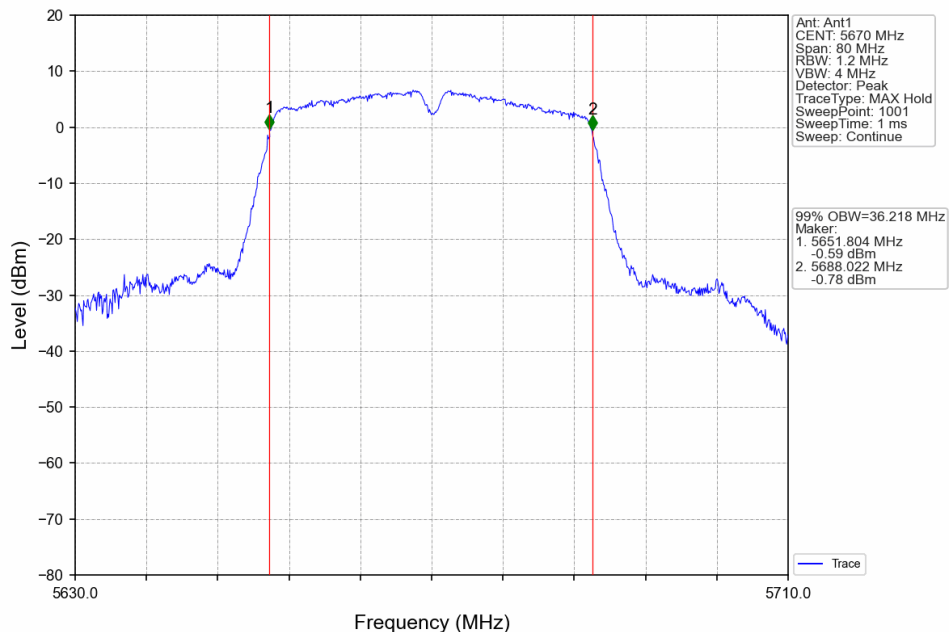
802.11ac(VHT40)_LCH_5510MHz_Ant1_NTNV



802.11ac(VHT40)_MCH_5550MHz_Ant1_NTNV



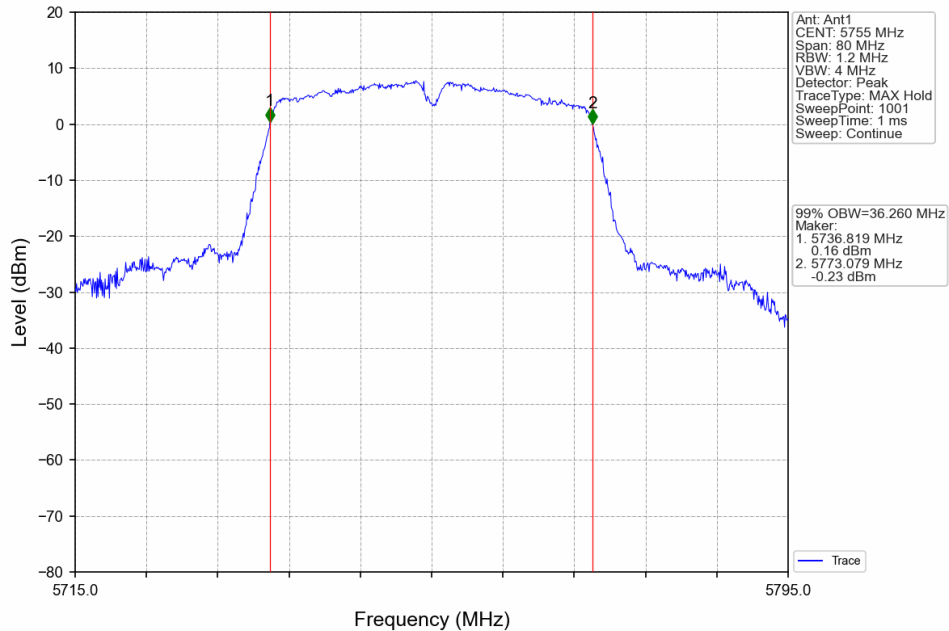
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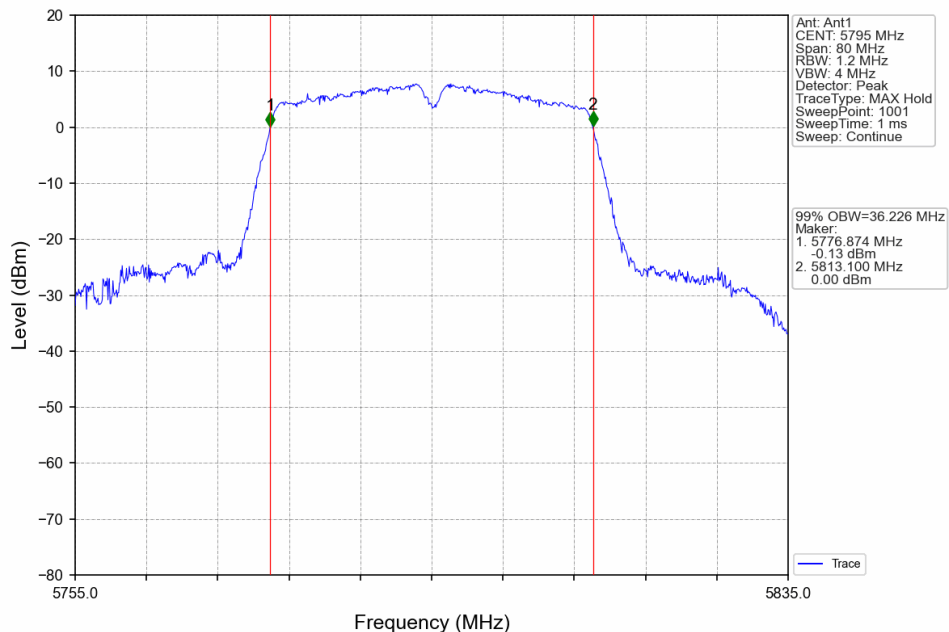
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802.11ac(VHT40)_LCH_5755MHz_Ant1_NTNV



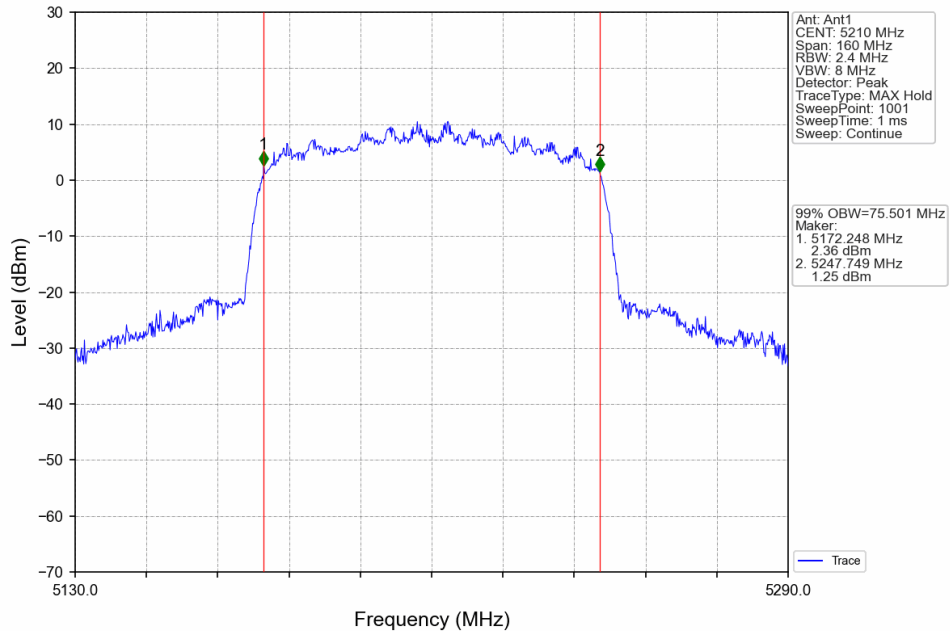
802.11ac(VHT40)_HCH_5795MHz_Ant1_NTNV



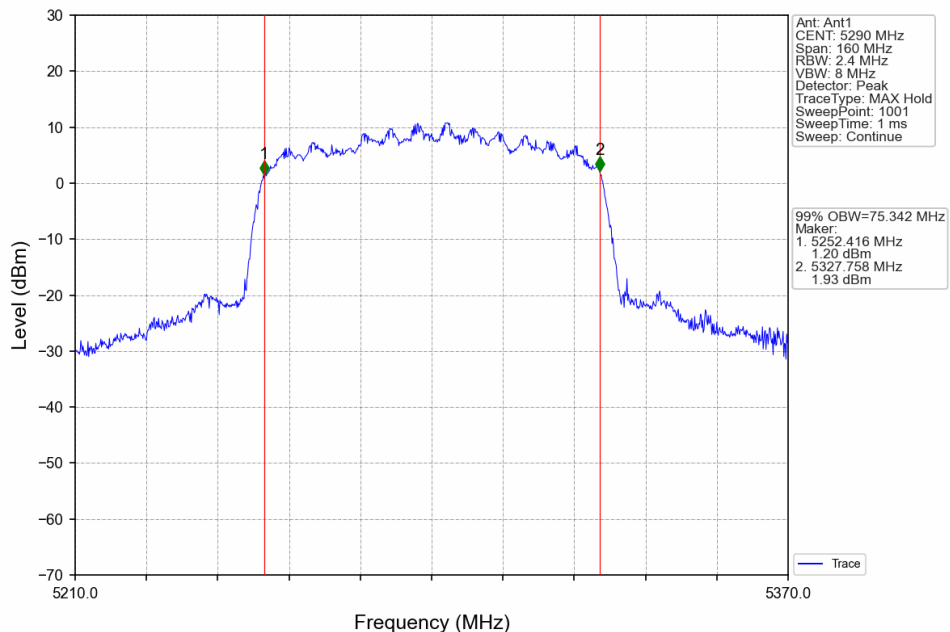
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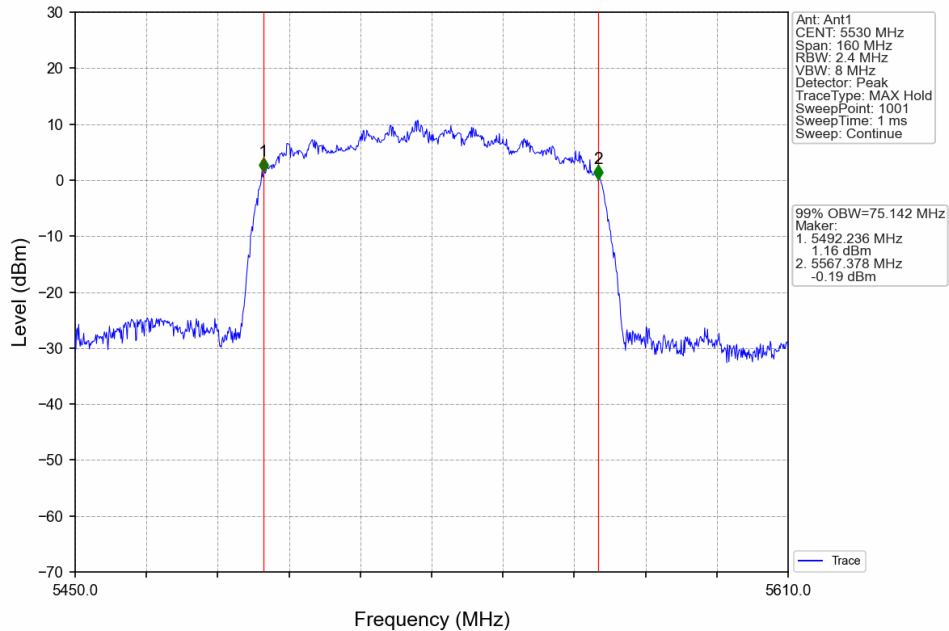
802.11ac(VHT80)_MCH_5210MHz_Ant1_NTNV



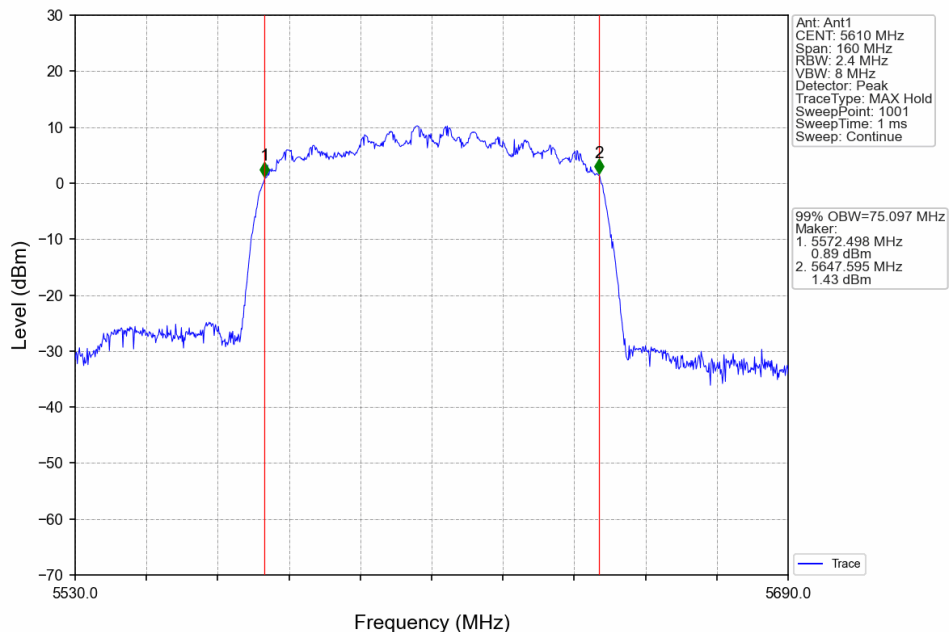
802.11ac(VHT80)_MCH_5290MHz_Ant1_NTNV



802.11ac(VHT80)_LCH_5530MHz_Ant1_NTNV



802.11ac(VHT80)_HCH_5610MHz_Ant1_NTNV



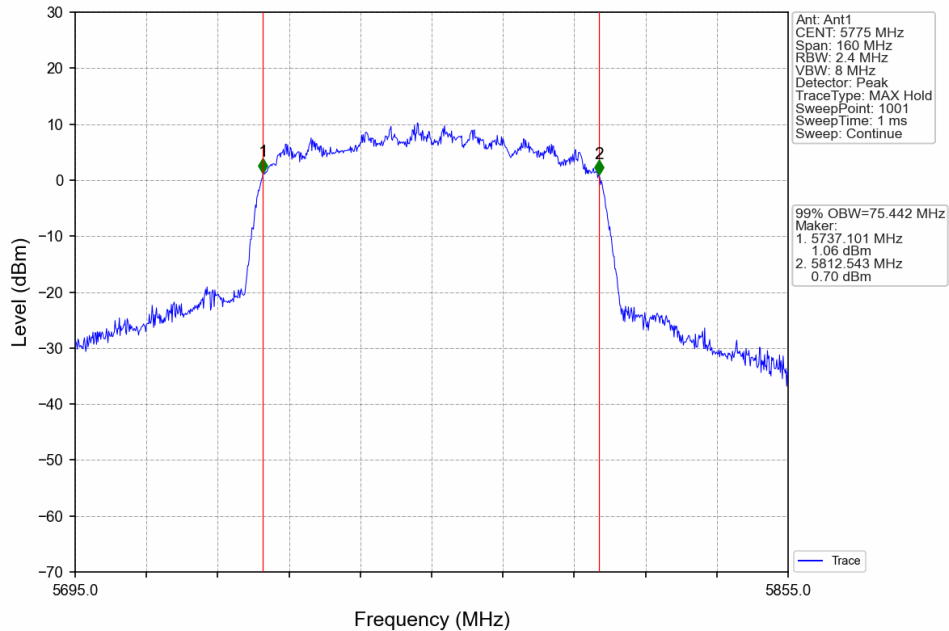
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802.11ac(VHT80)_MCH_5775MHz_Ant1_NTNV



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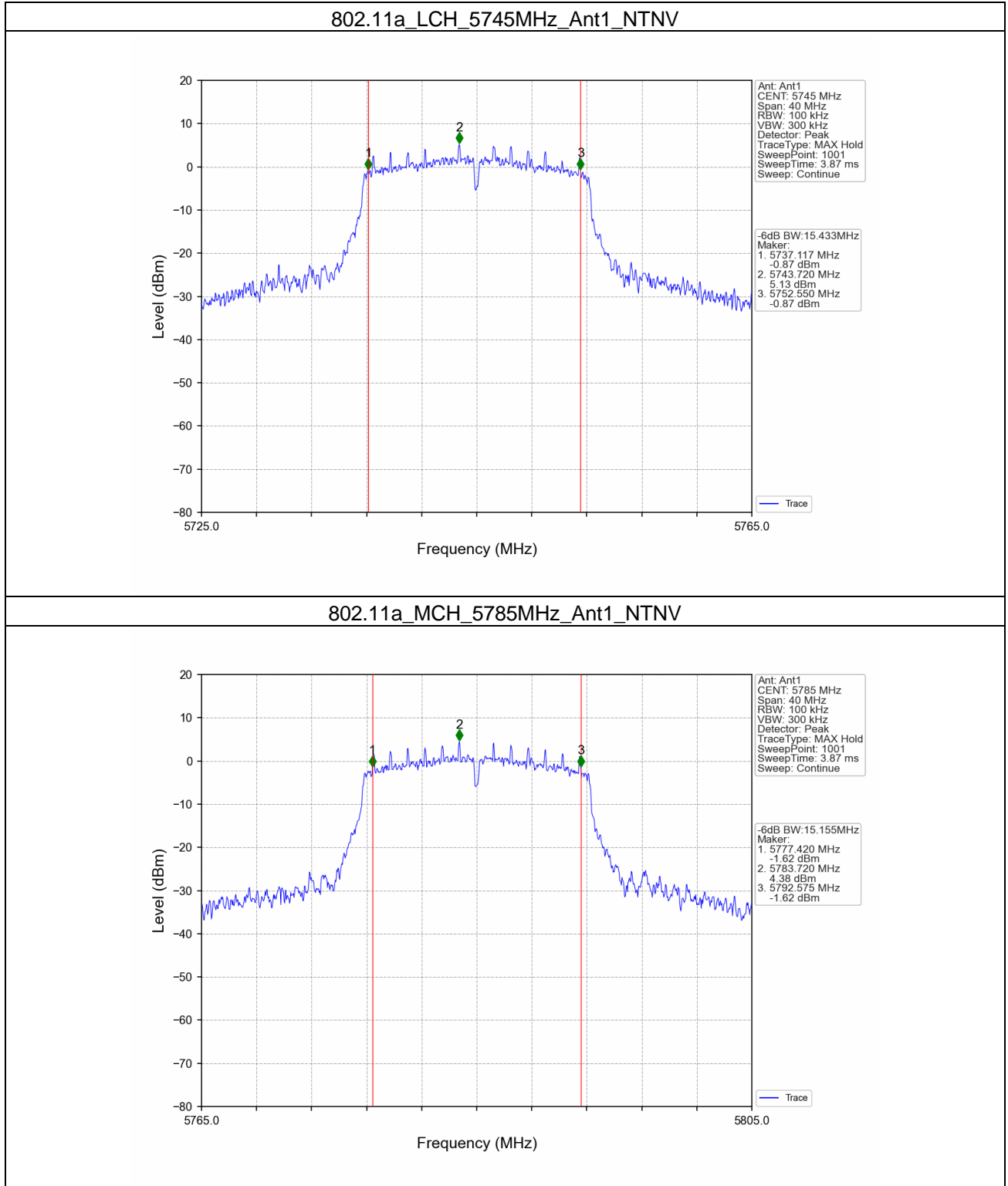
Page: 340 of 476

2.2 6dB BW

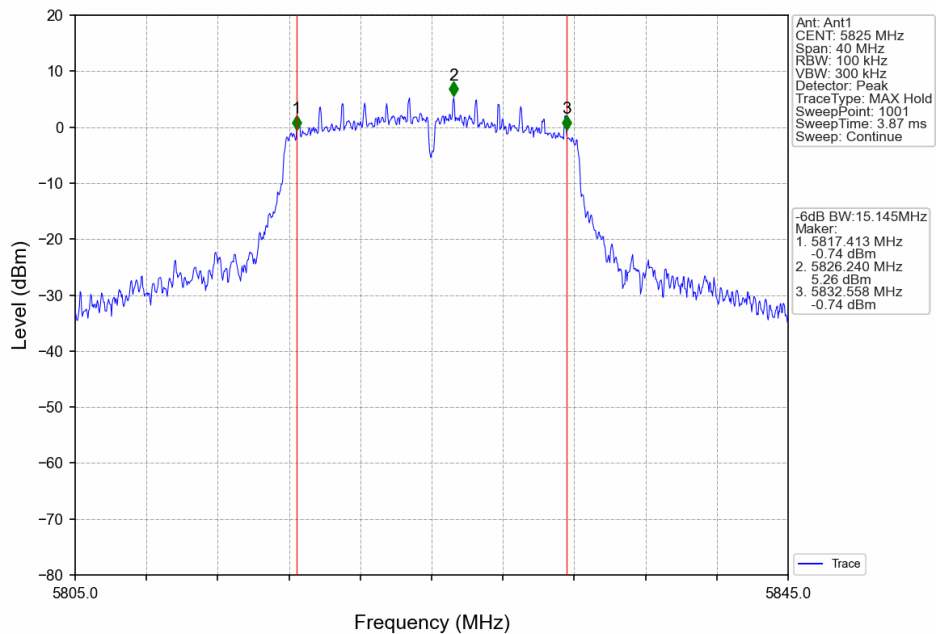
2.2.1 Test Result

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

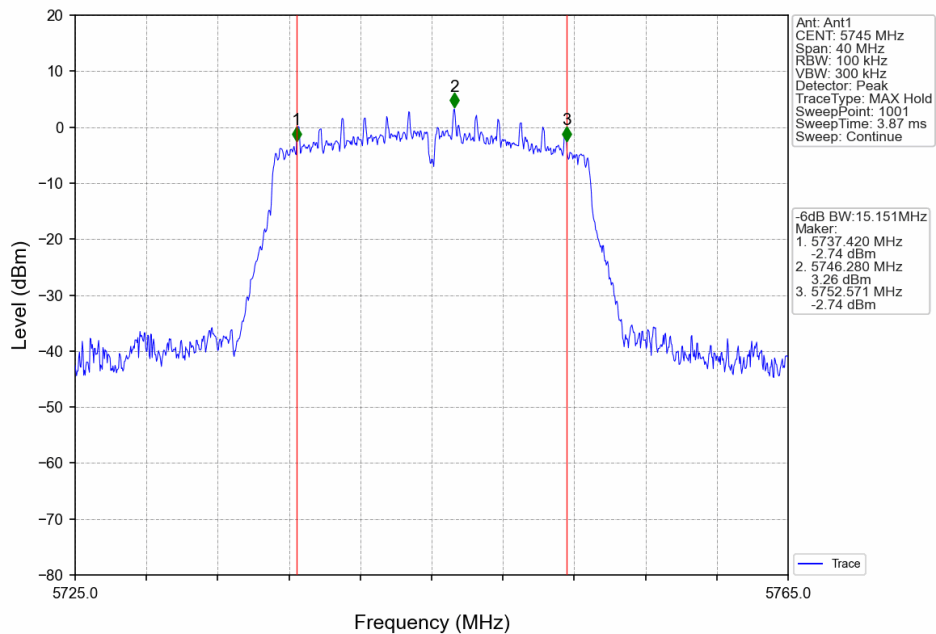
2.2.2 Test Graph



802.11a_HCH_5825MHz_Ant1_NTNV



802.11n(HT20)_LCH_5745MHz_Ant1_NTNV



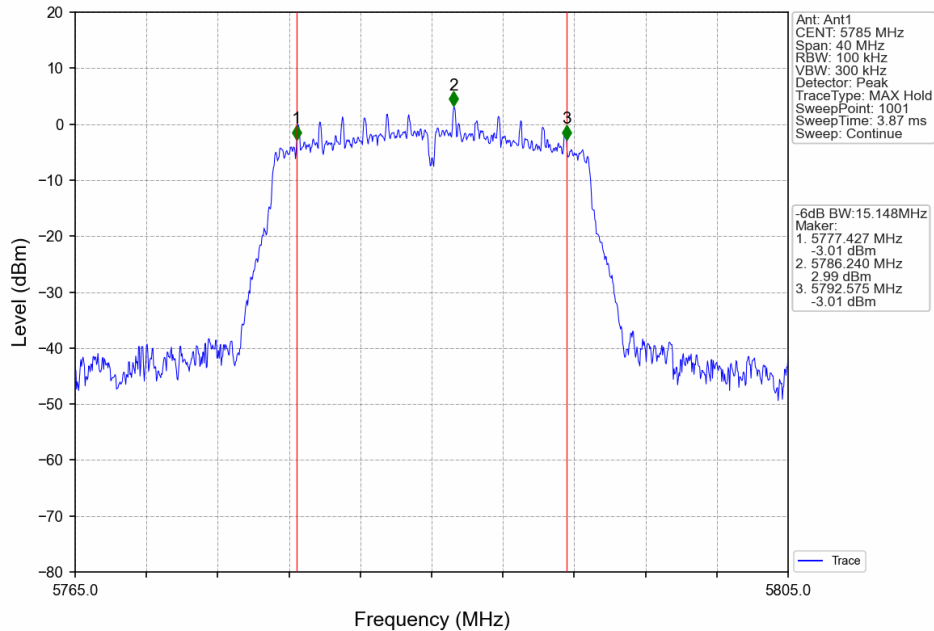
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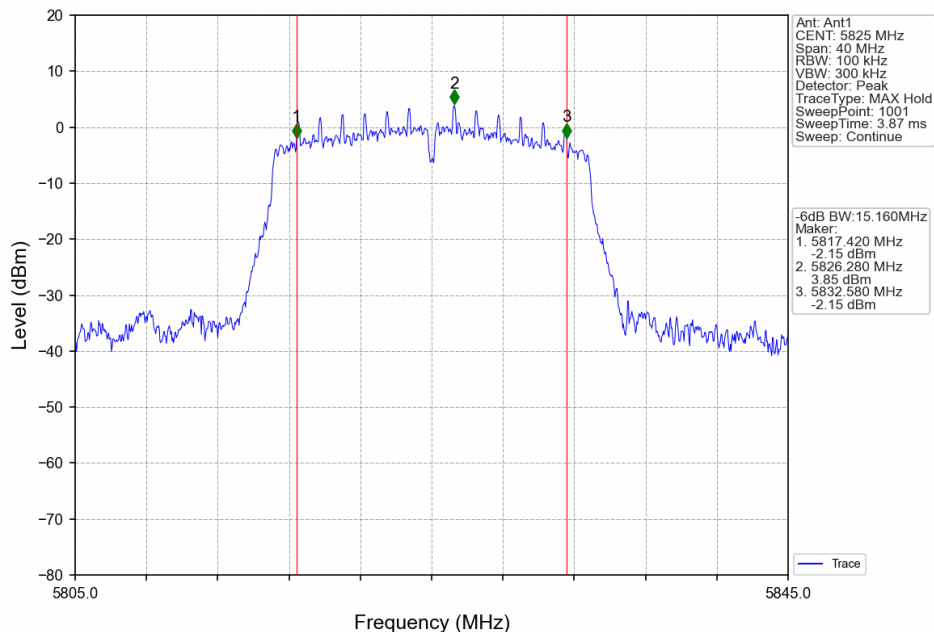
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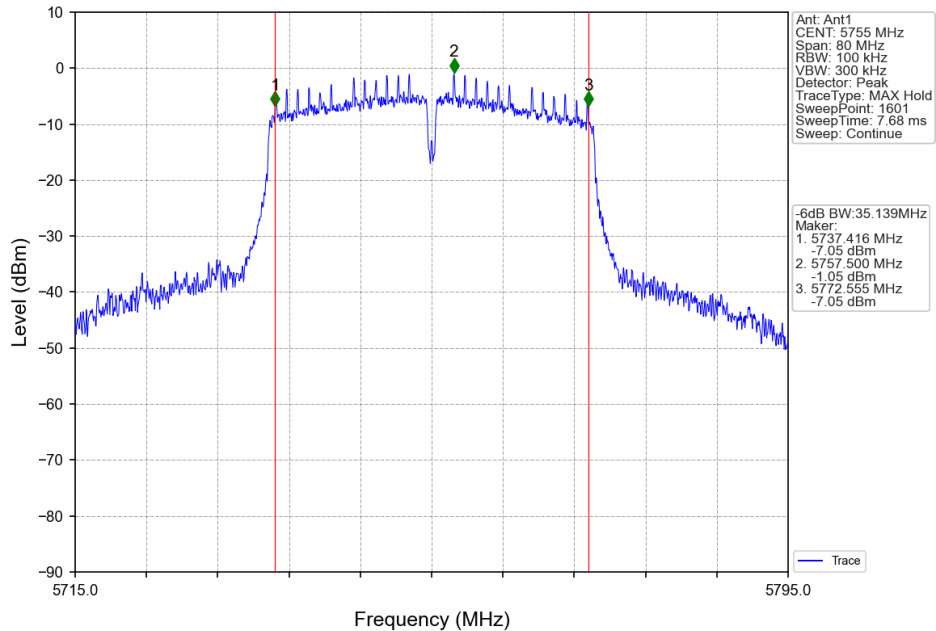
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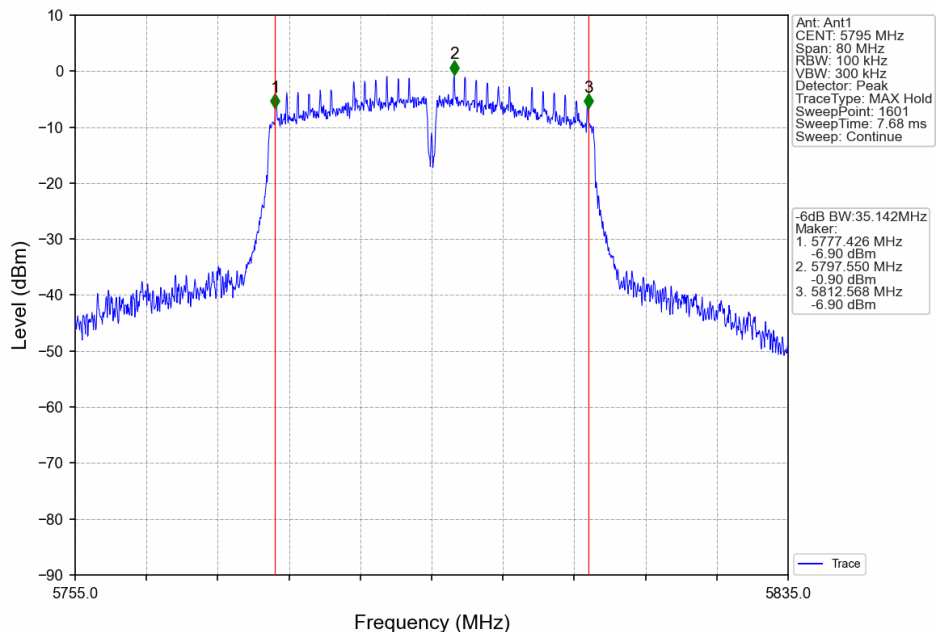
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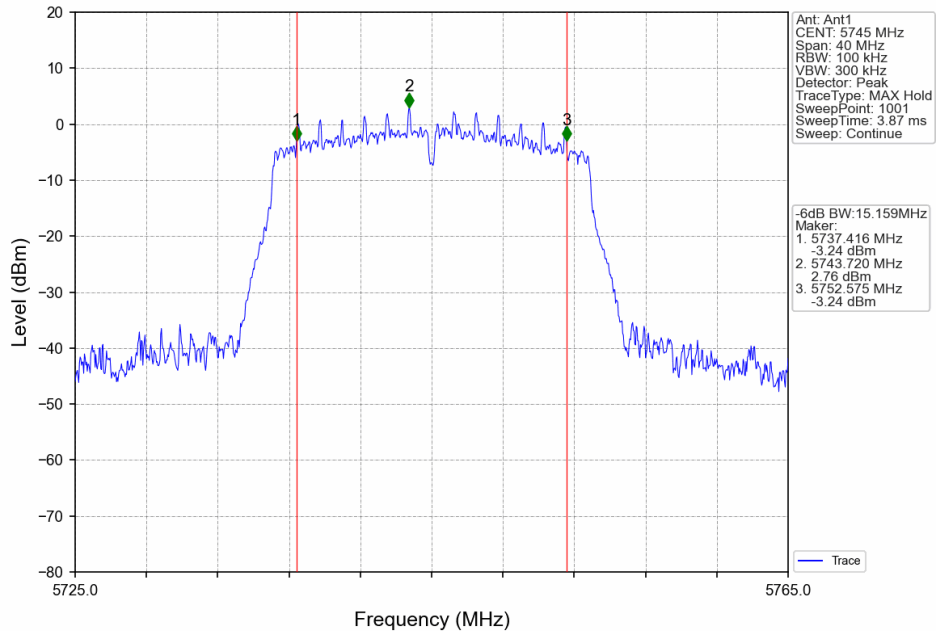
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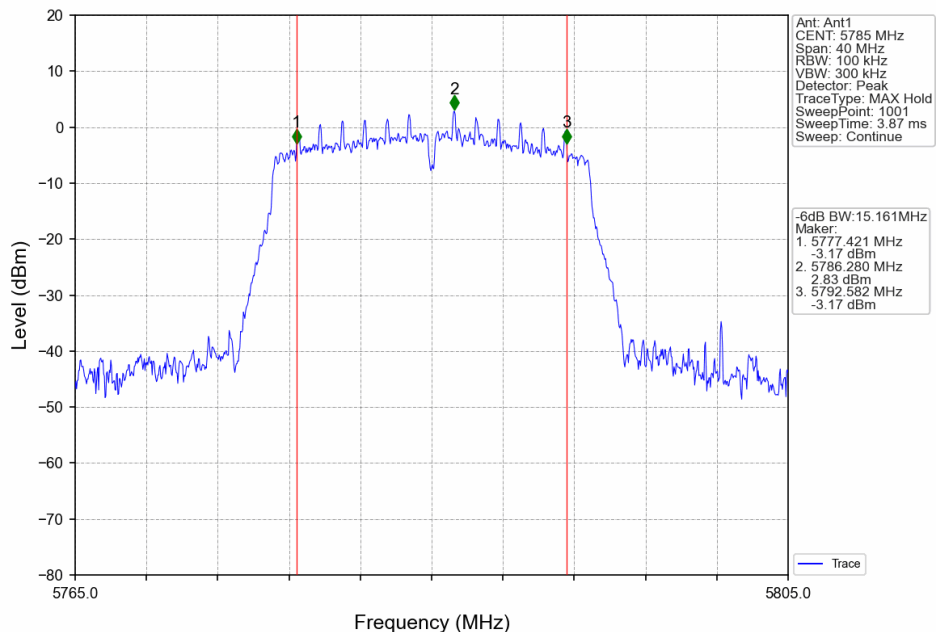
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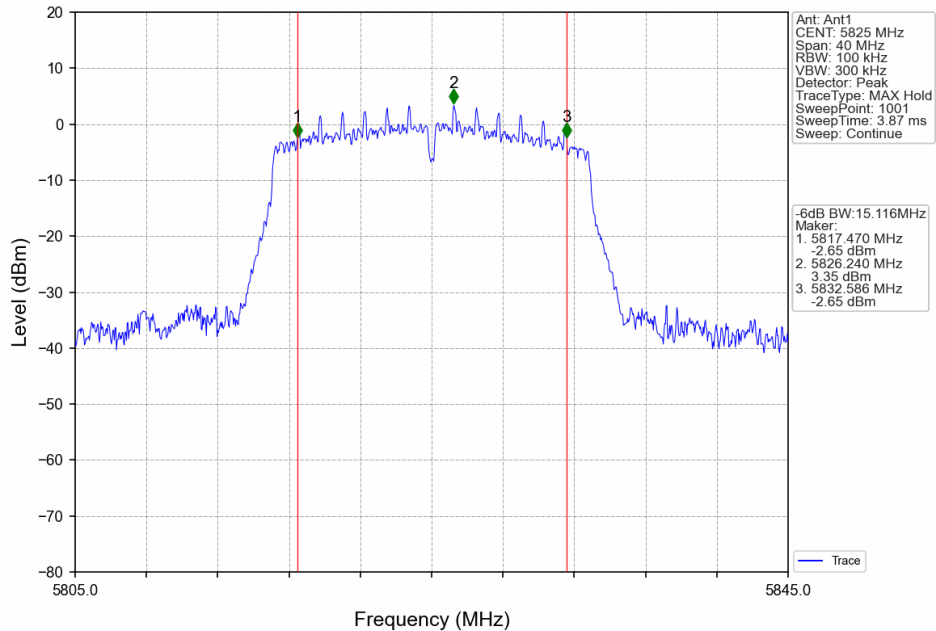
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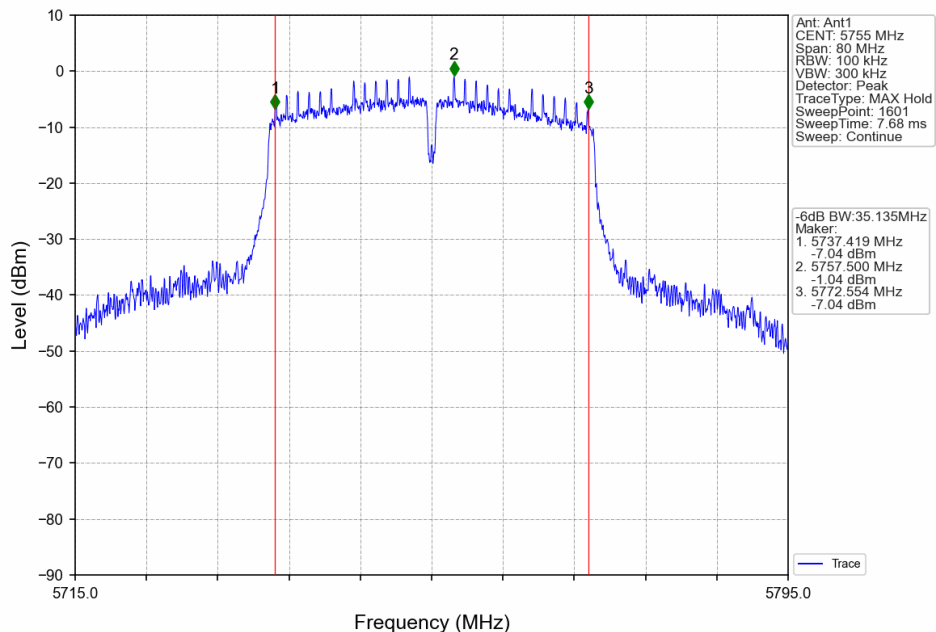
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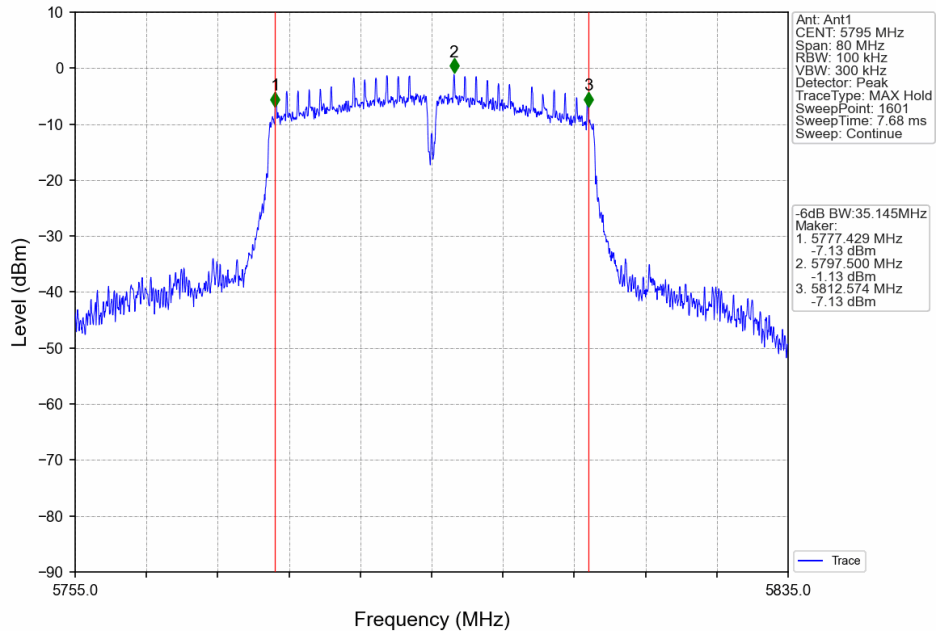
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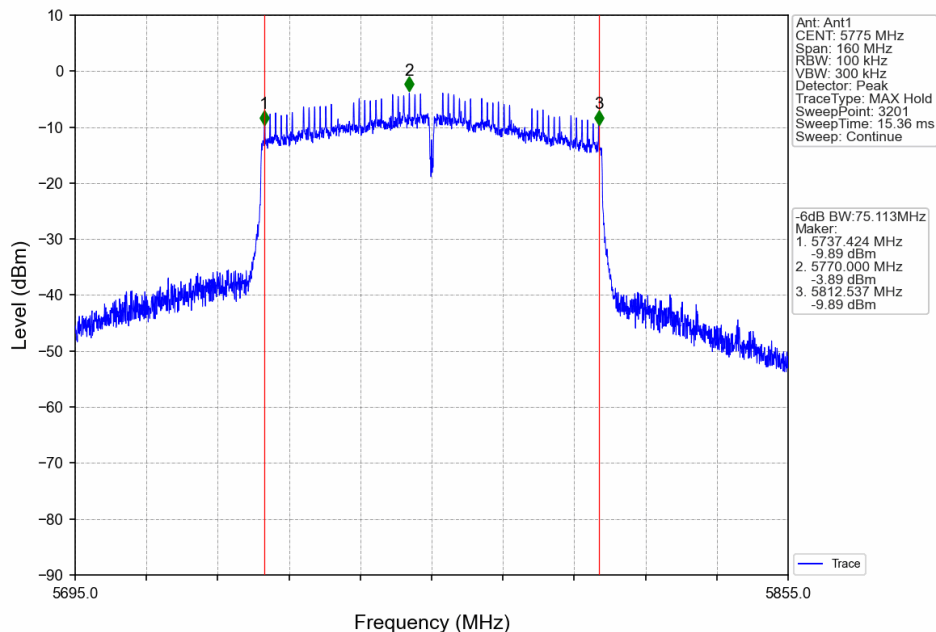
802.11ac(VHT40)_LCH_5755MHz_Ant1_NTNV



802.11ac(VHT40)_HCH_5795MHz_Ant1_NTNV



802.11ac(VHT80)_MCH_5775MHz_Ant1_NTNV



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



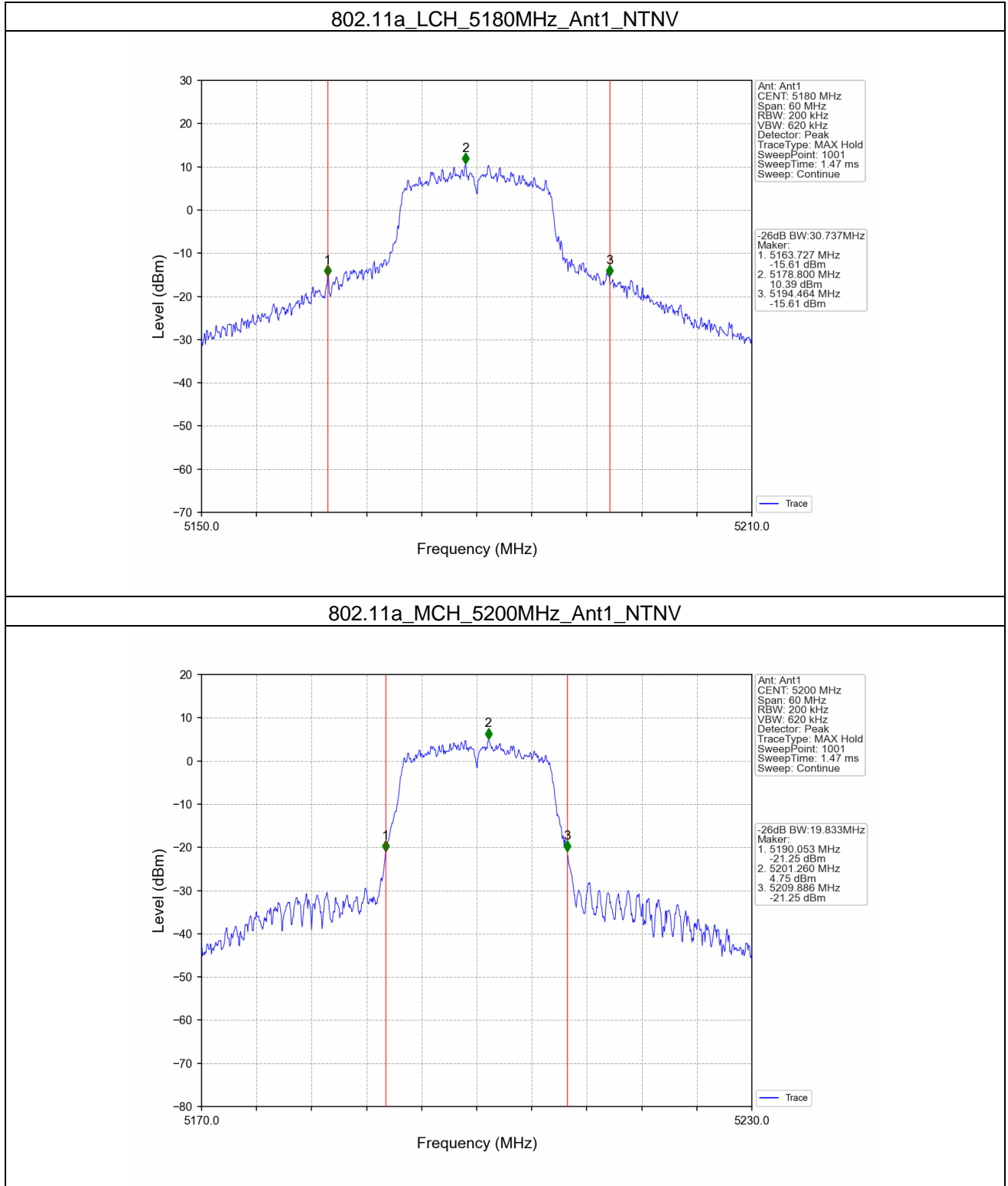
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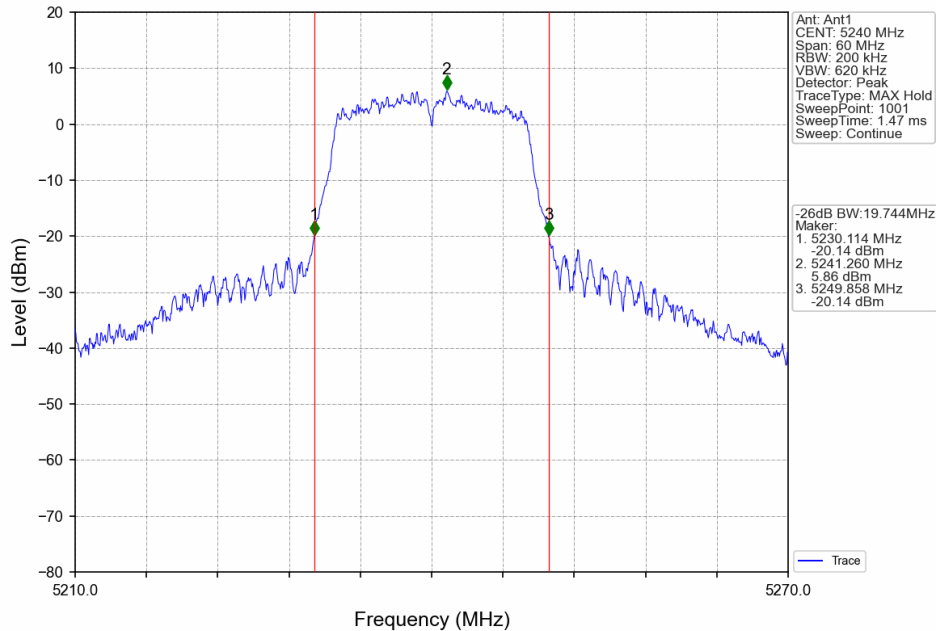
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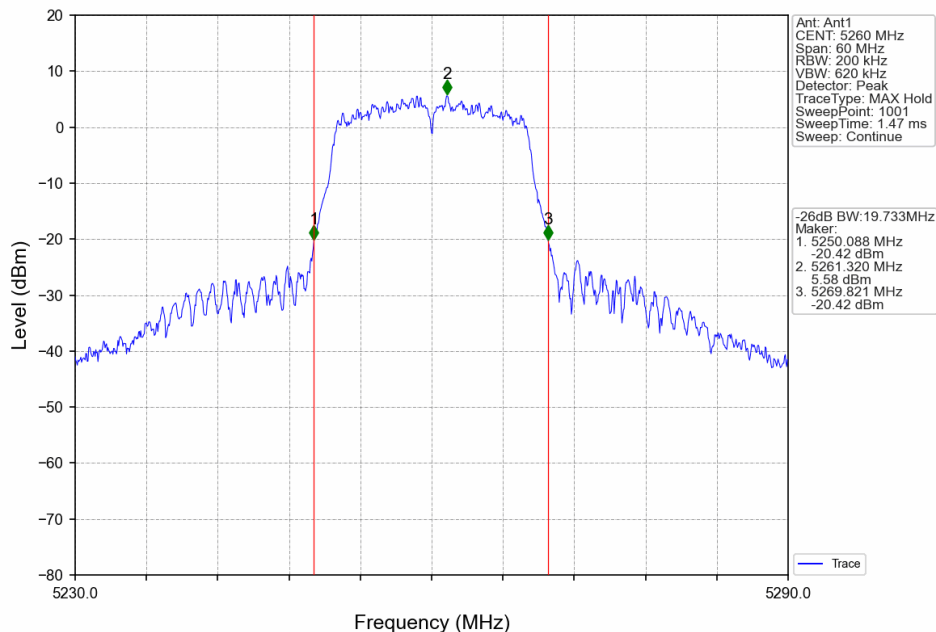
2.3.2 Test Graph



802.11a_HCH_5240MHz_Ant1_NTNV



802.11a_LCH_5260MHz_Ant1_NTNV



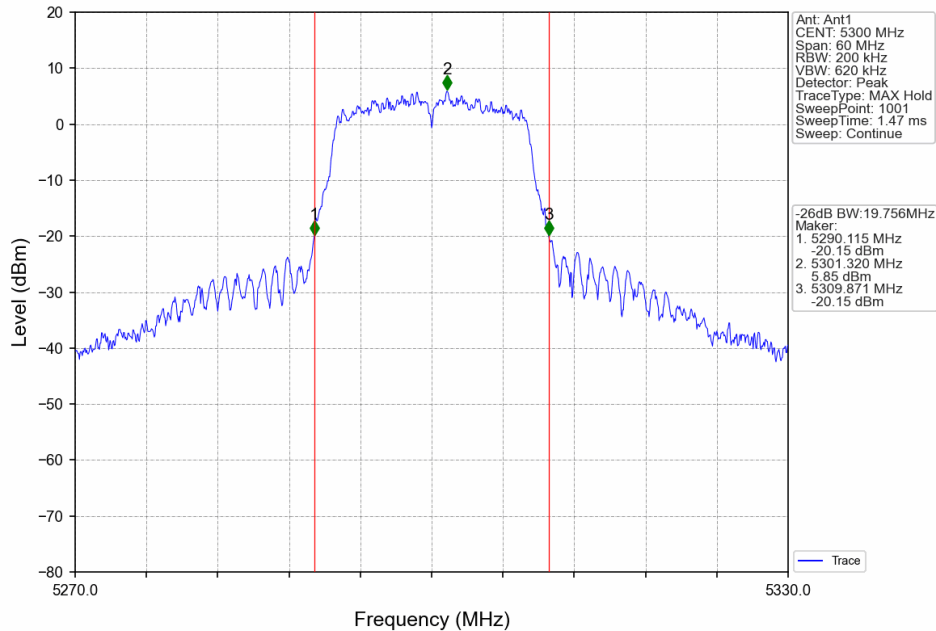
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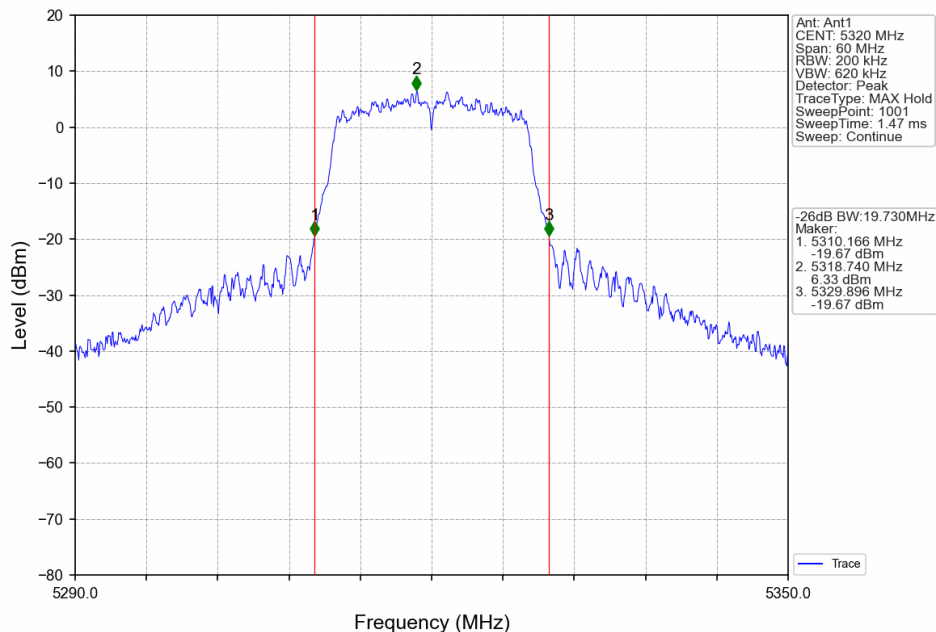
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802.11a_MCH_5300MHz_Ant1_NTNV



802.11a_HCH_5320MHz_Ant1_NTNV



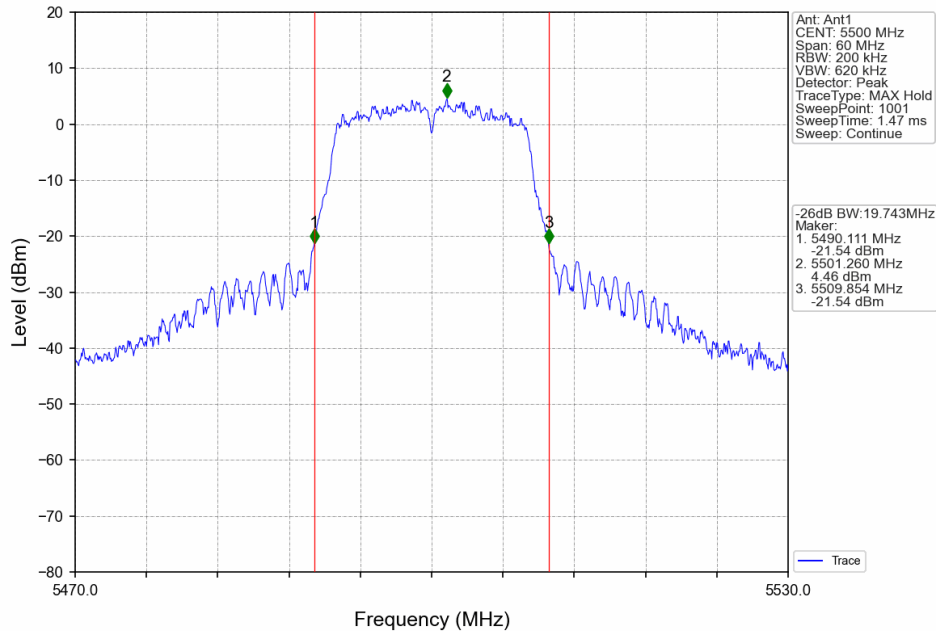
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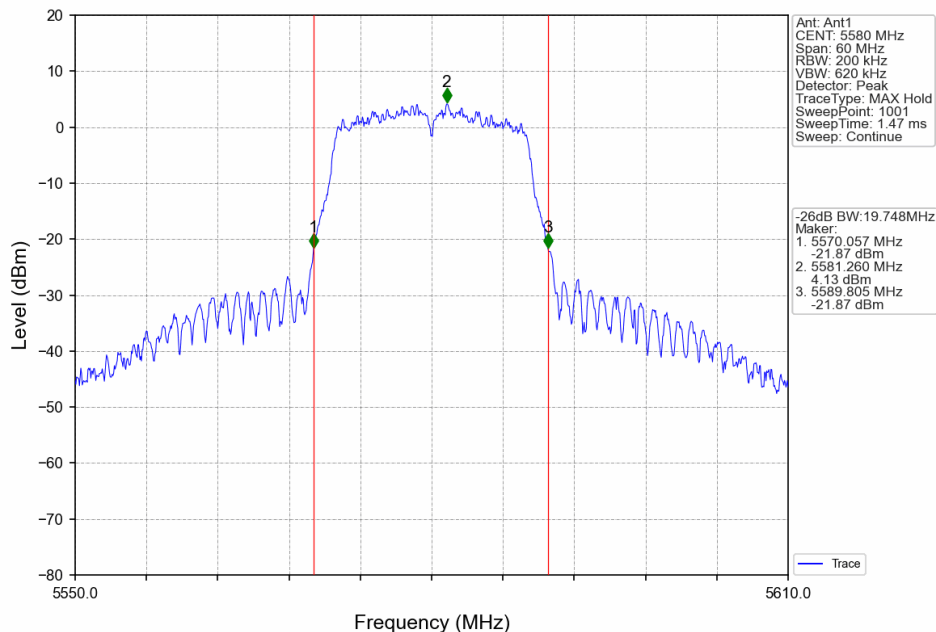
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802.11a_LCH_5500MHz_Ant1_NTNV



802.11a_MCH_5580MHz_Ant1_NTNV



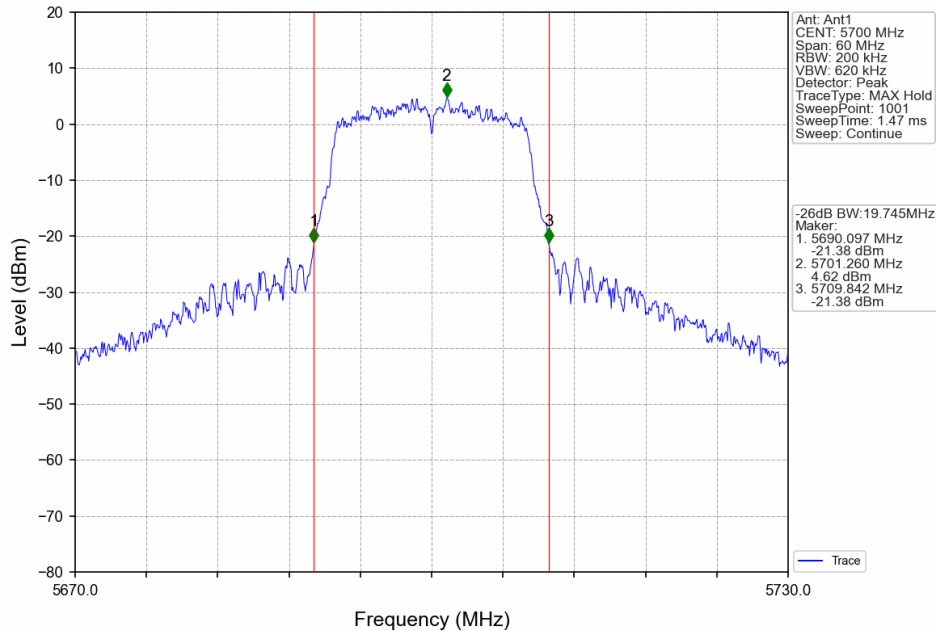
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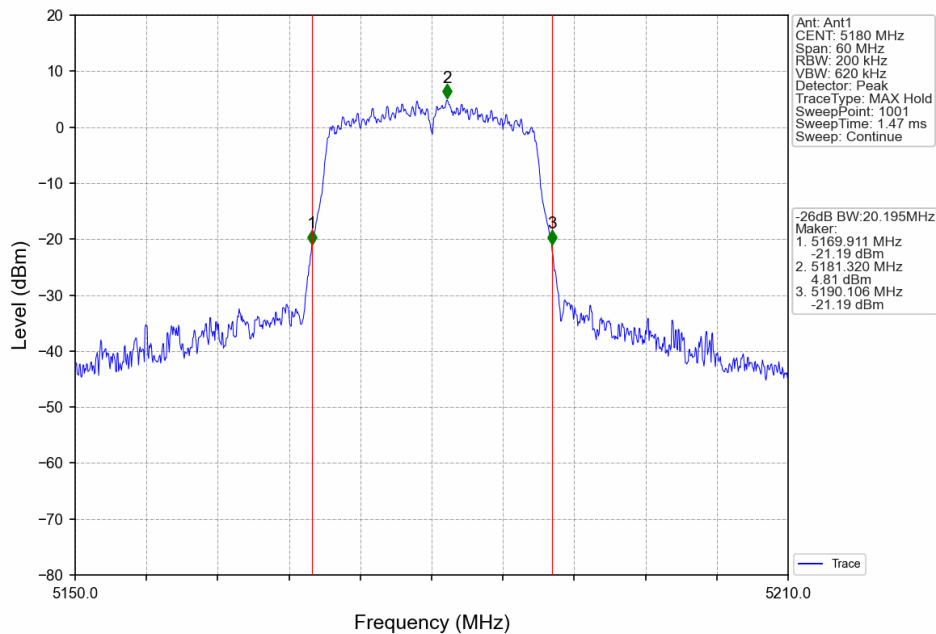
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802.11a_HCH_5700MHz_Ant1_NTNV



802.11n(HT20)_LCH_5180MHz_Ant1_NTNV



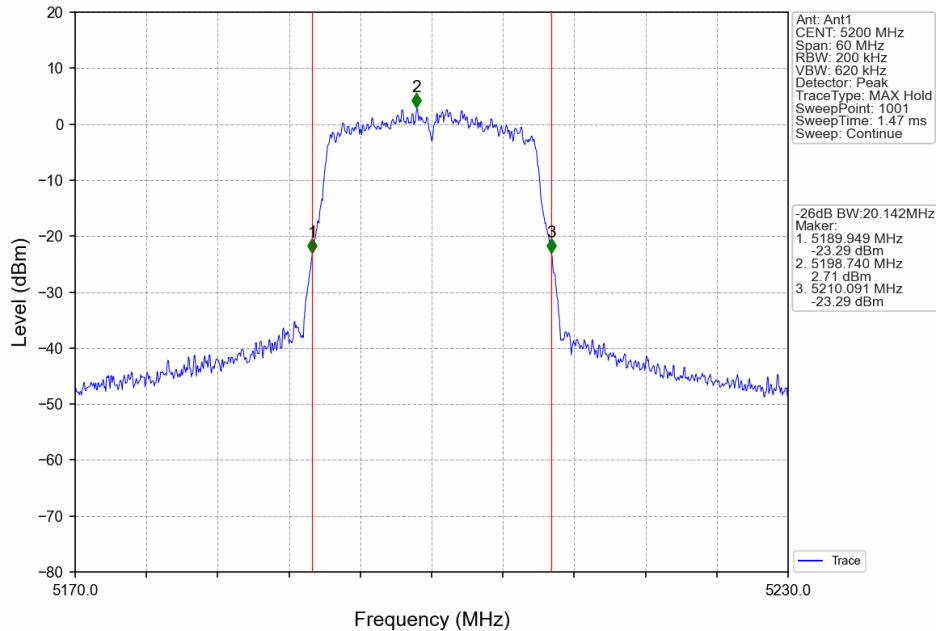
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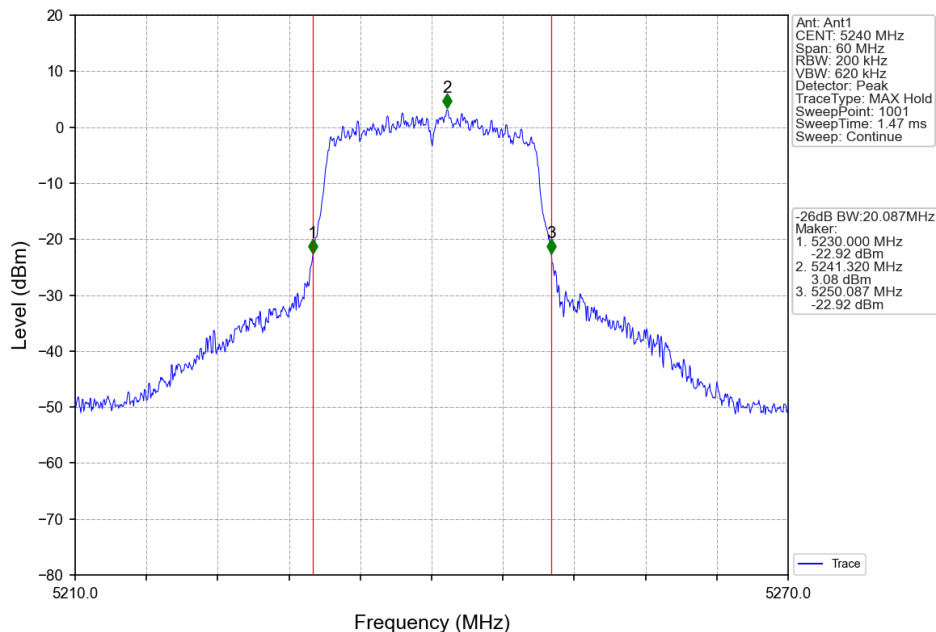
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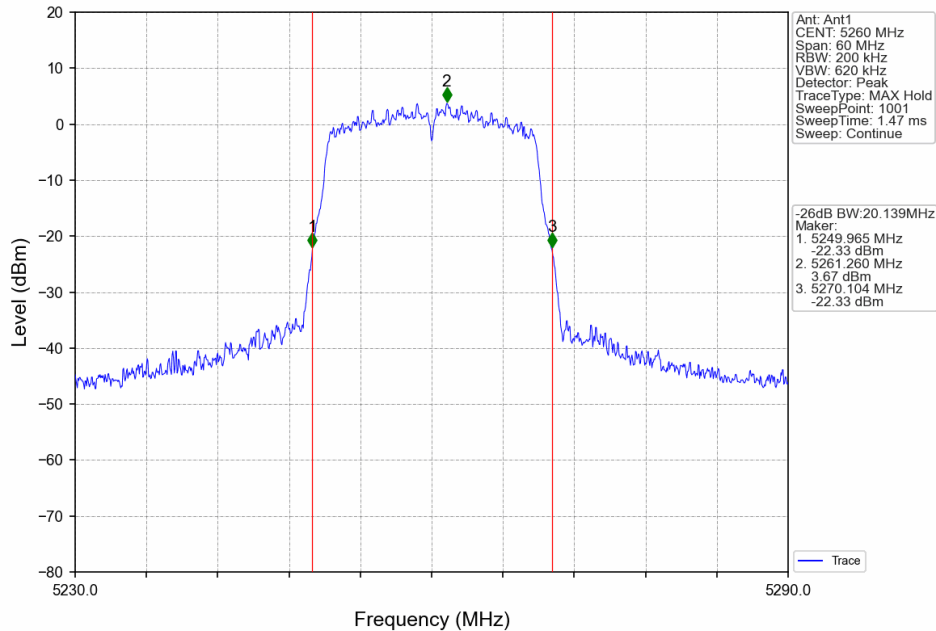
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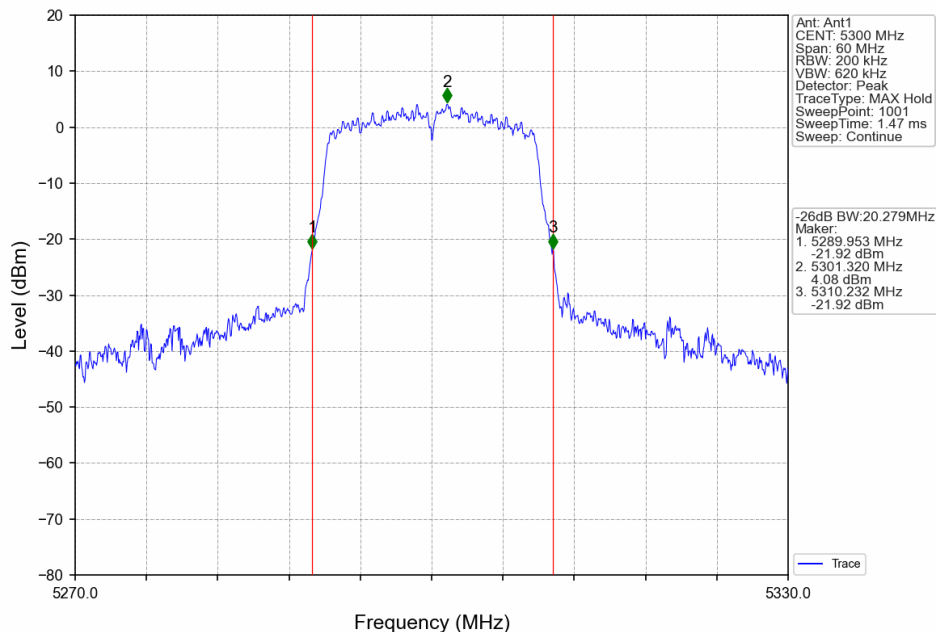
802.11n(HT20)_HCH_5240MHz_Ant1_NTNV



802.11n(HT20)_LCH_5260MHz_Ant1_NTNV



802.11n(HT20)_MCH_5300MHz_Ant1_NTNV



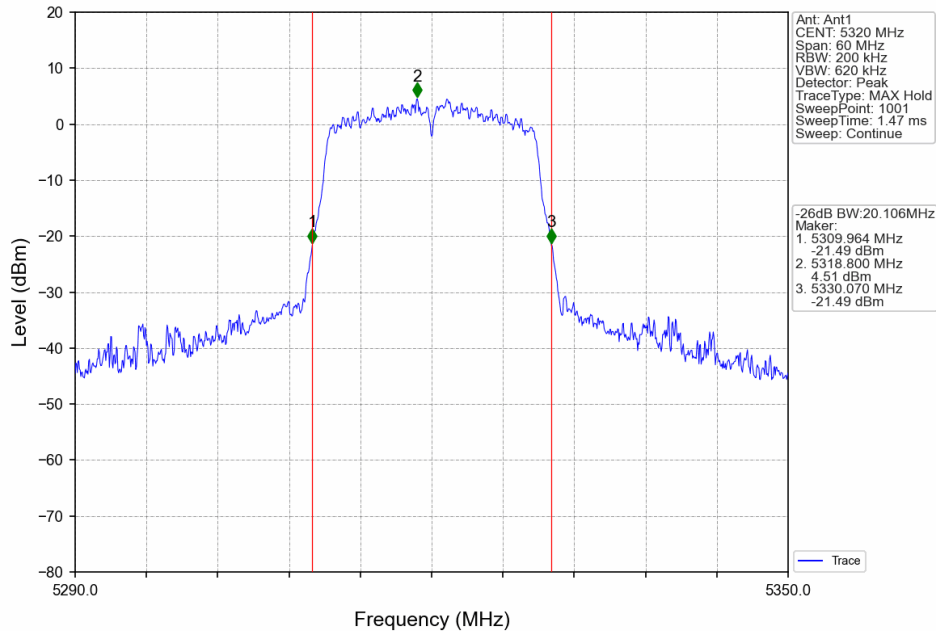
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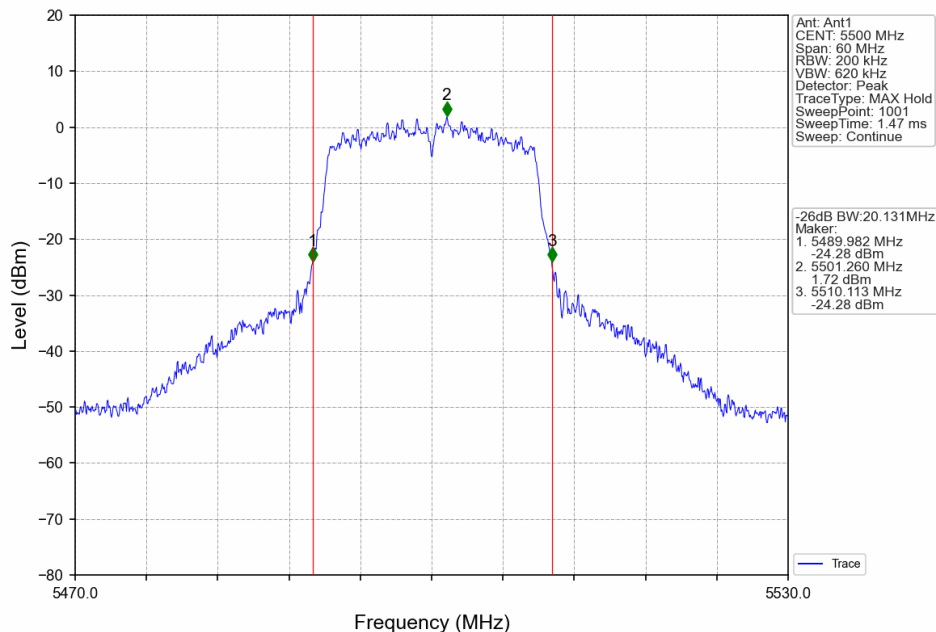
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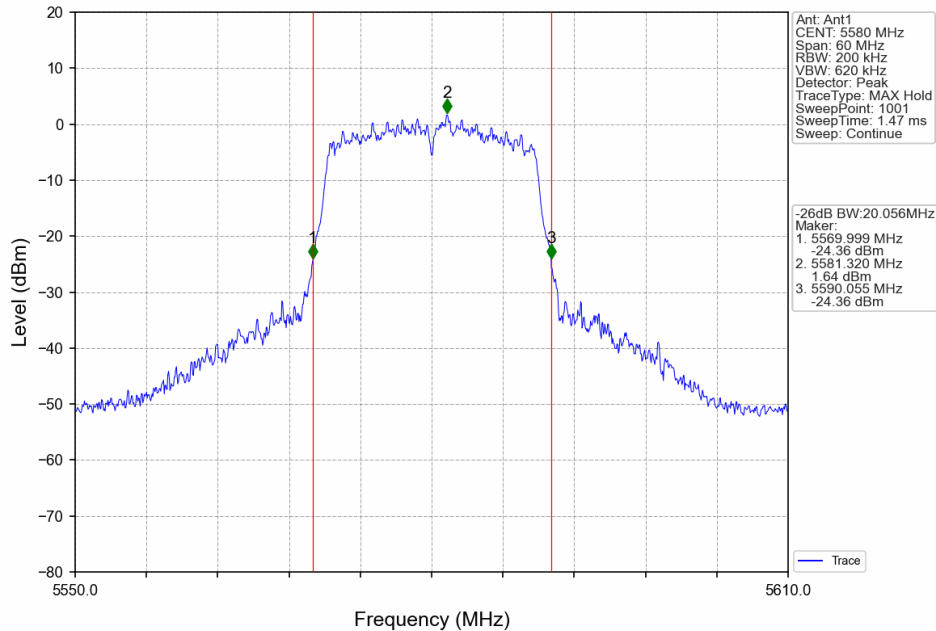
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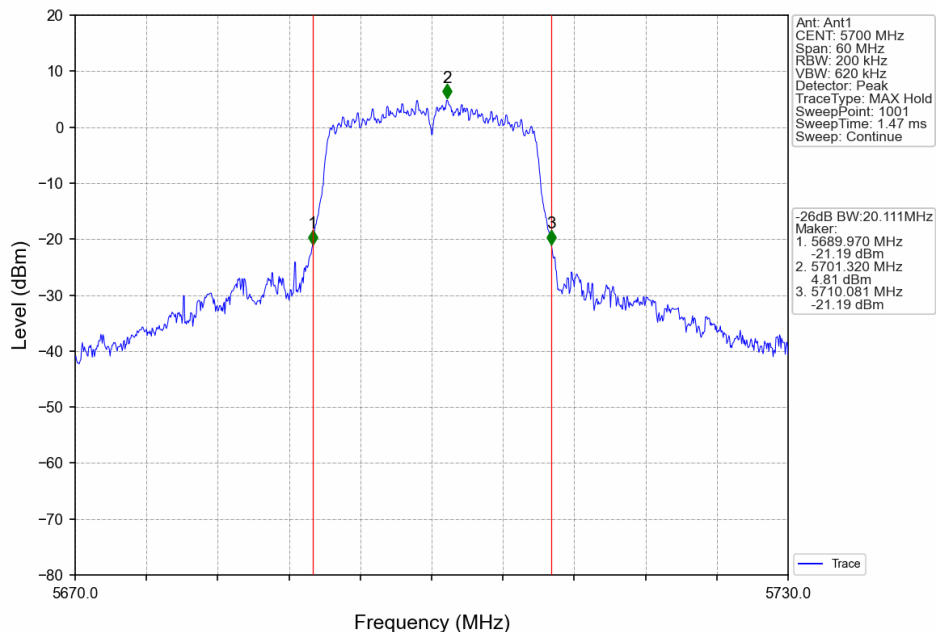
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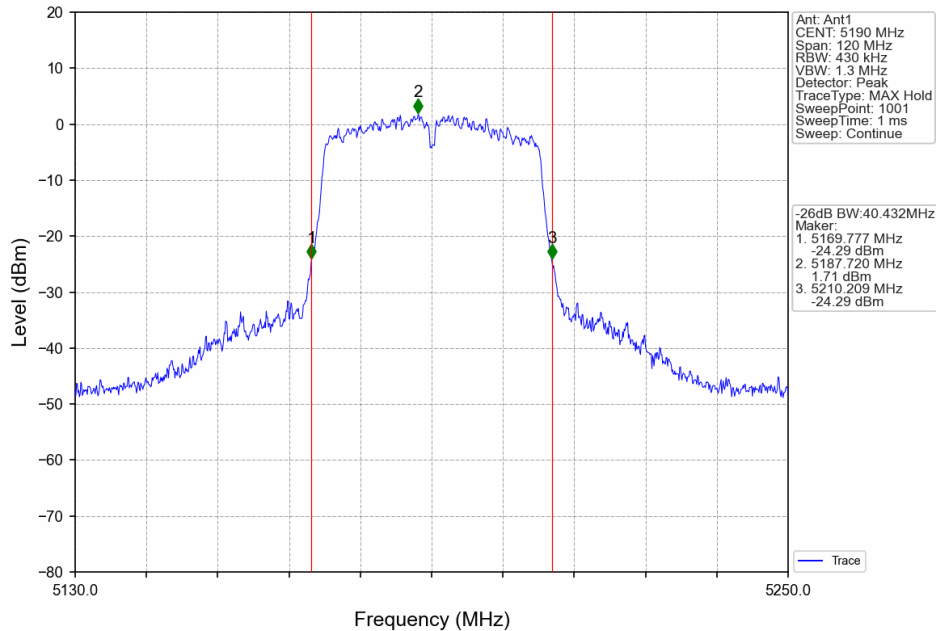
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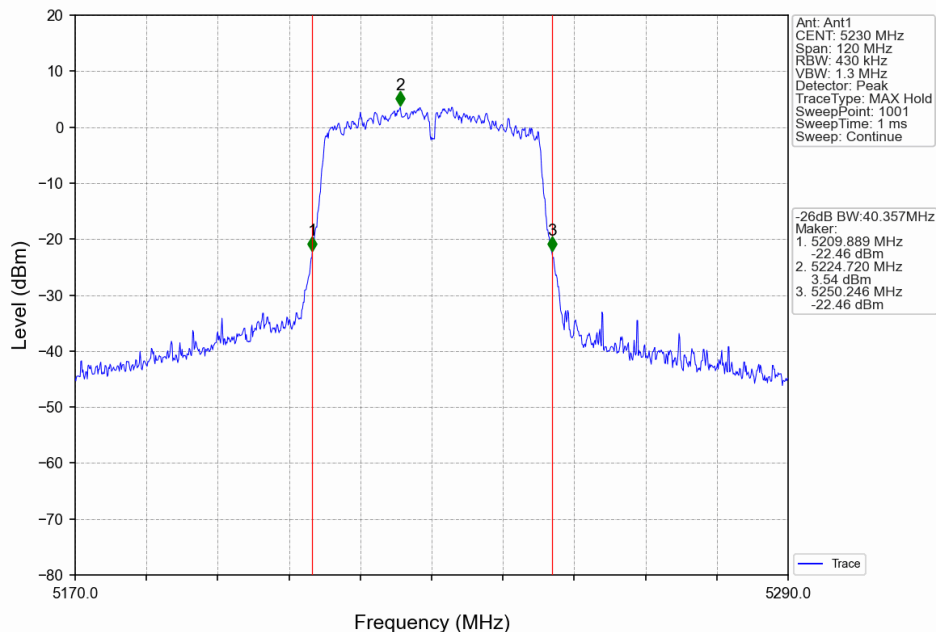
802.11n(HT20)_HCH_5700MHz_Ant1_NTNV



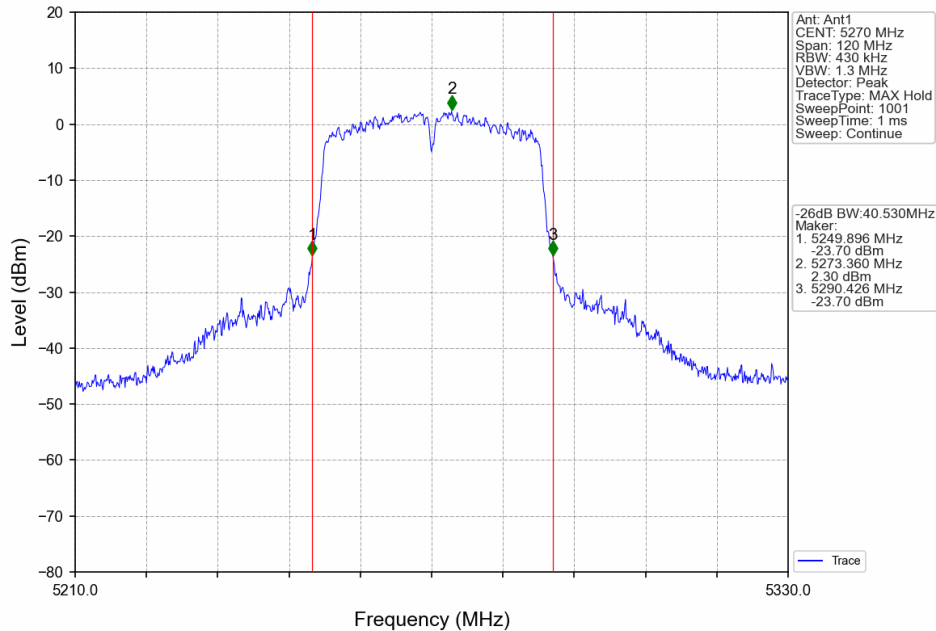
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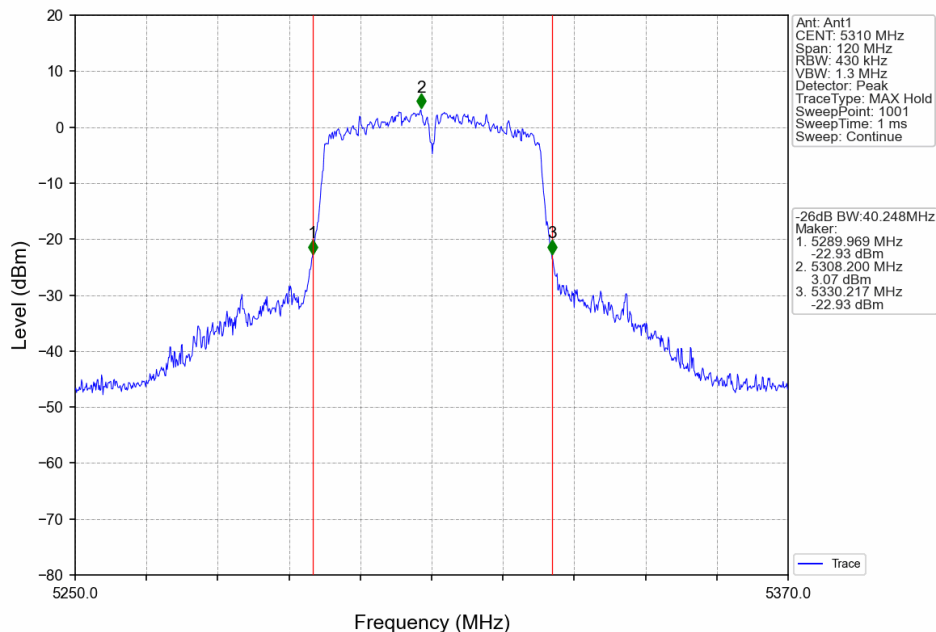
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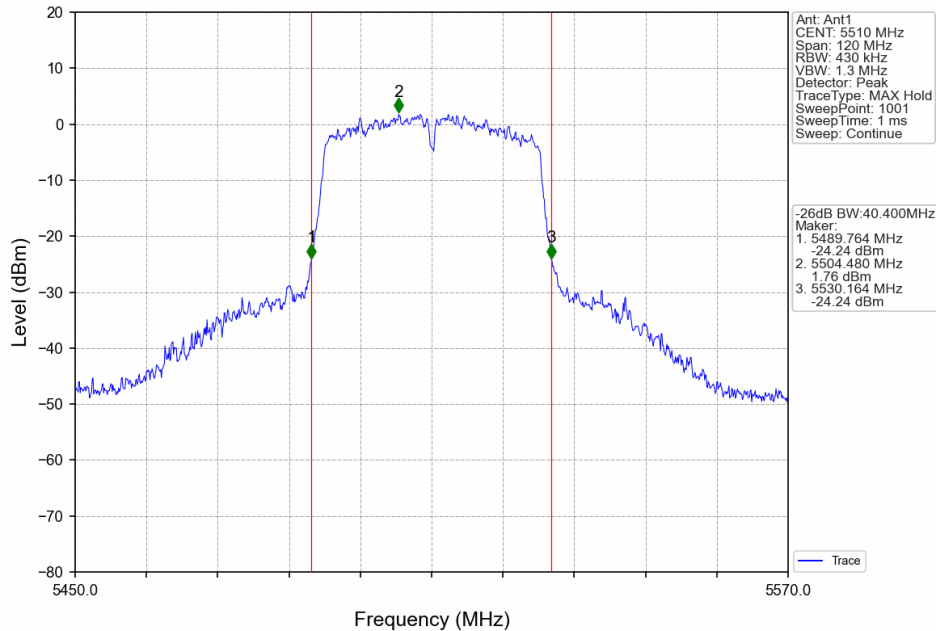
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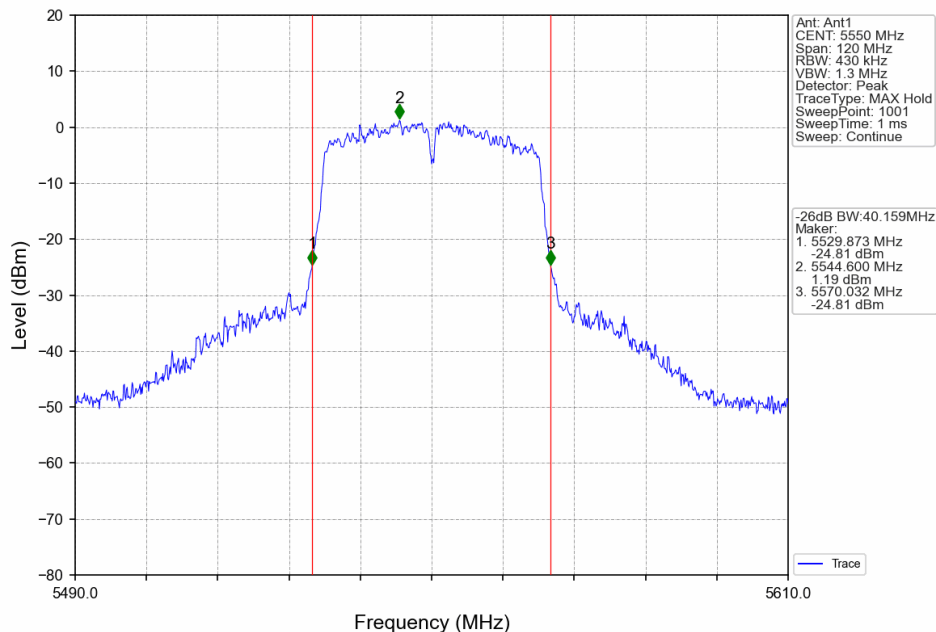
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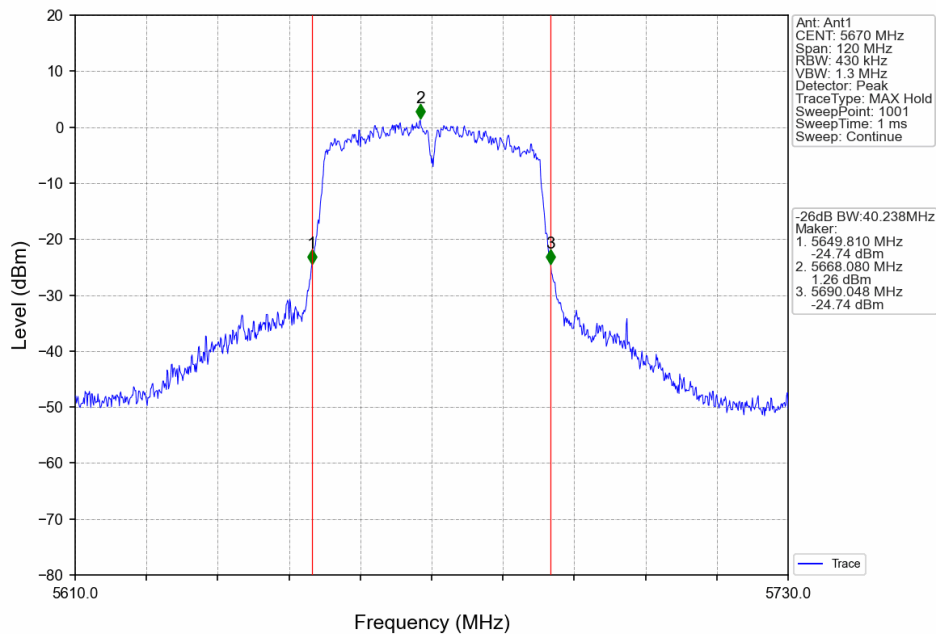
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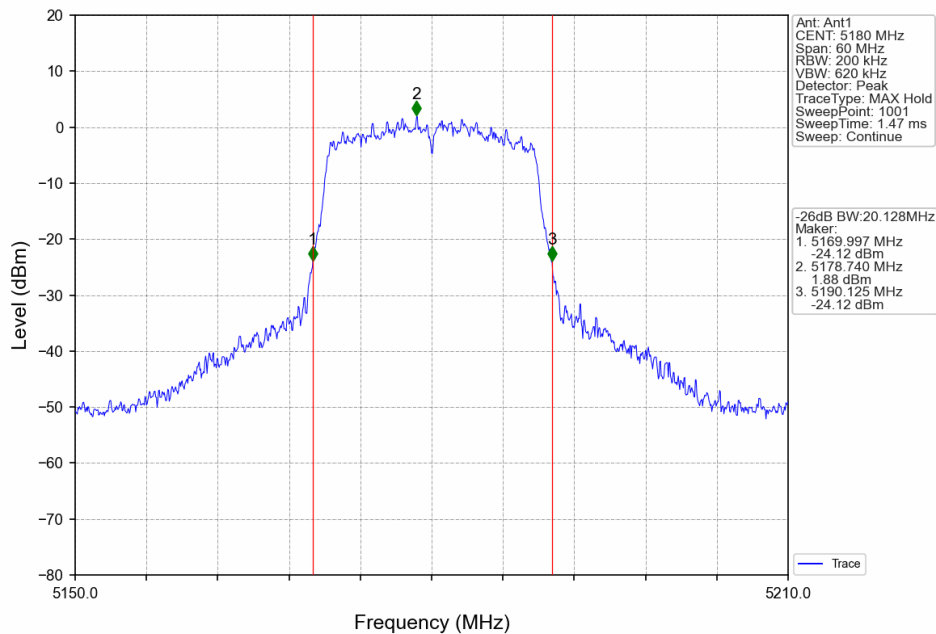
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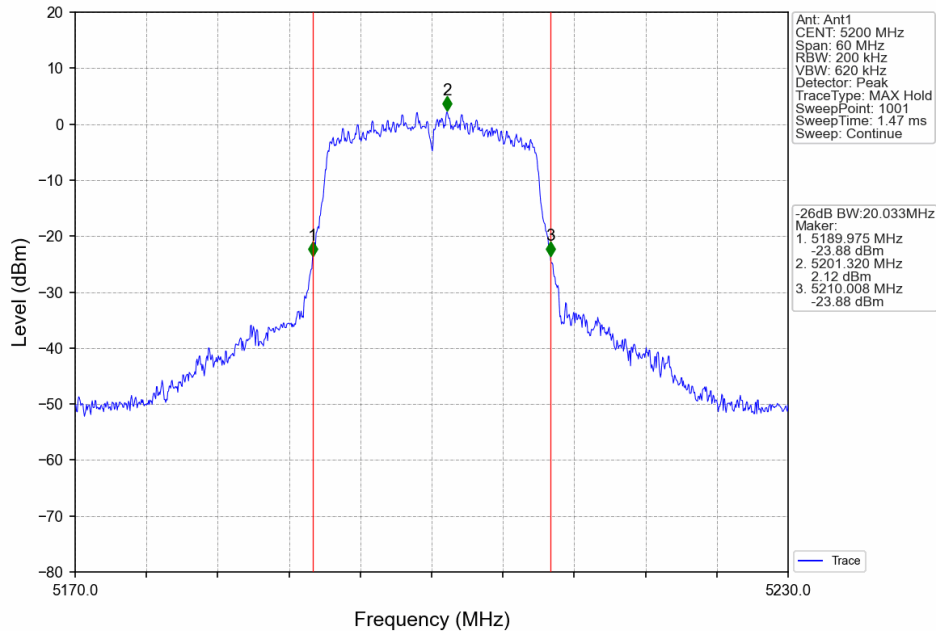
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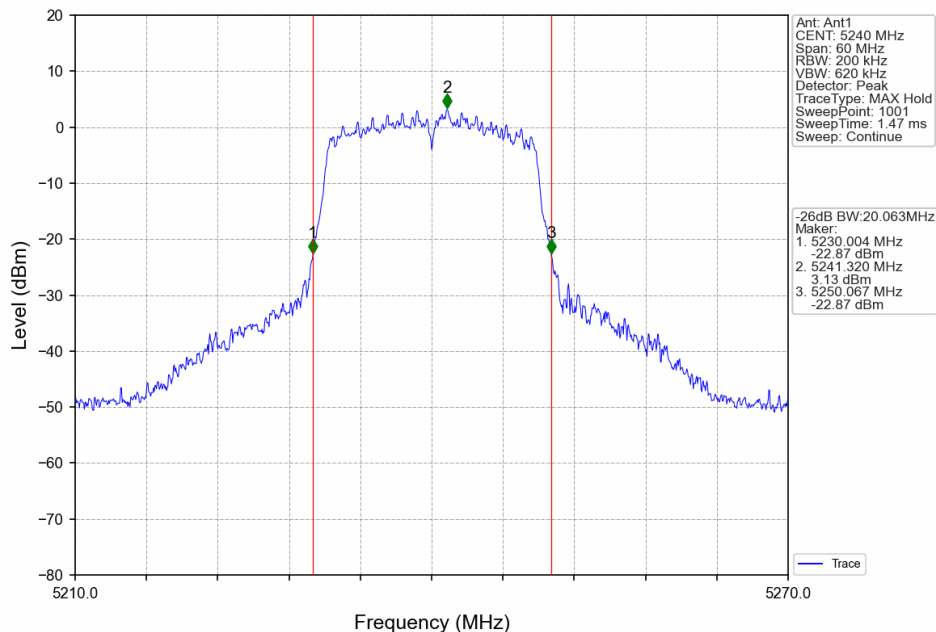
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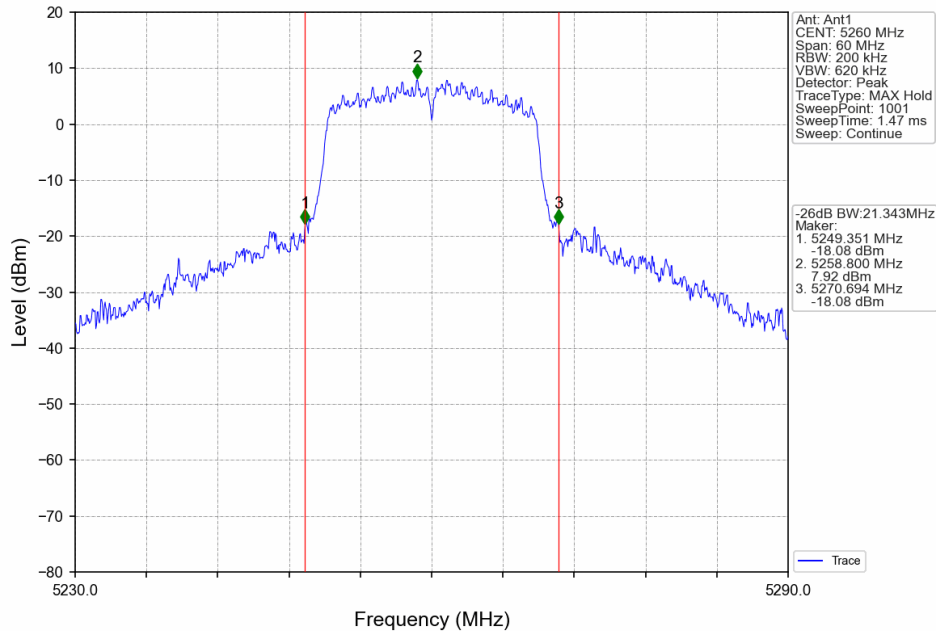
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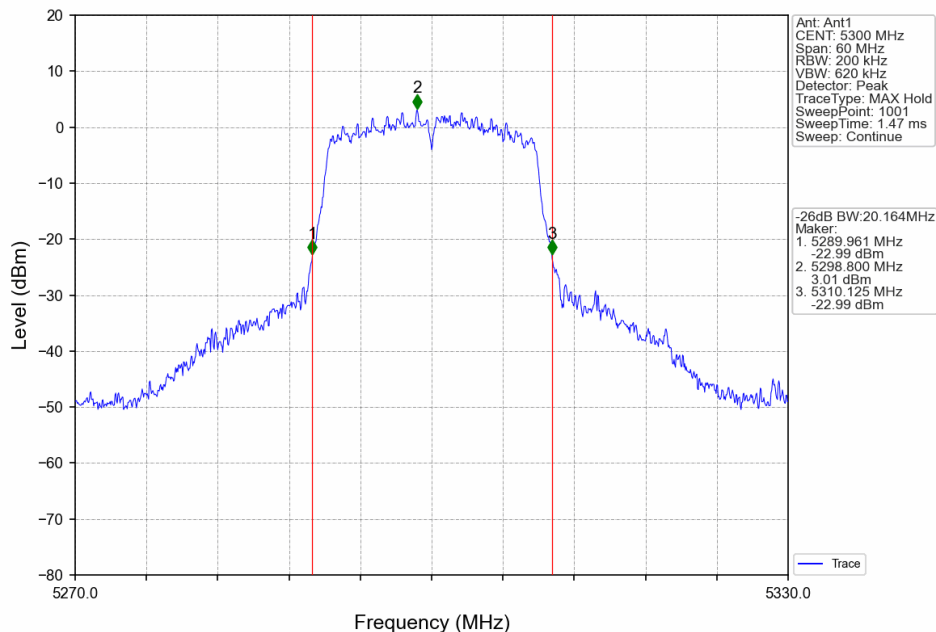
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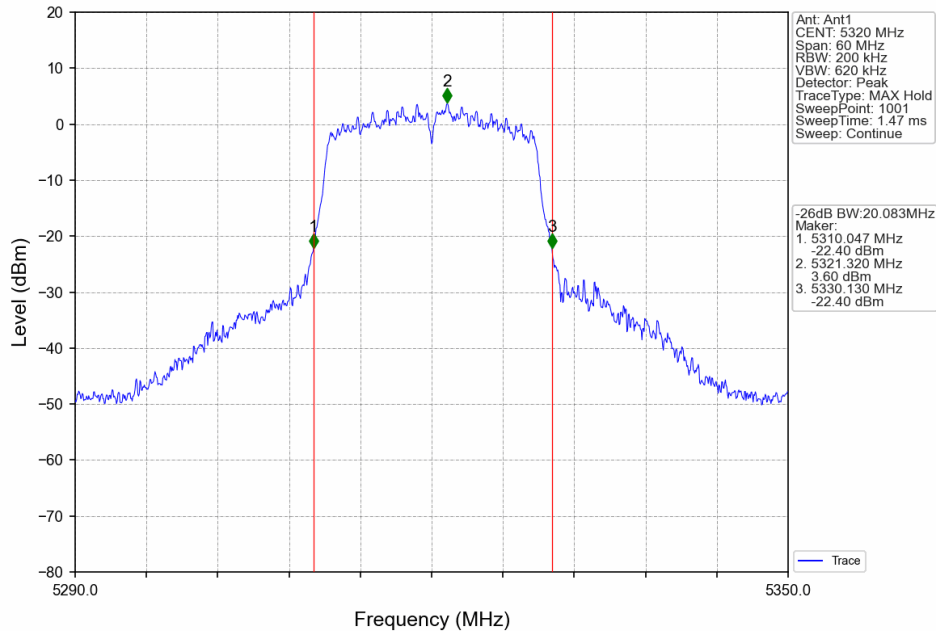
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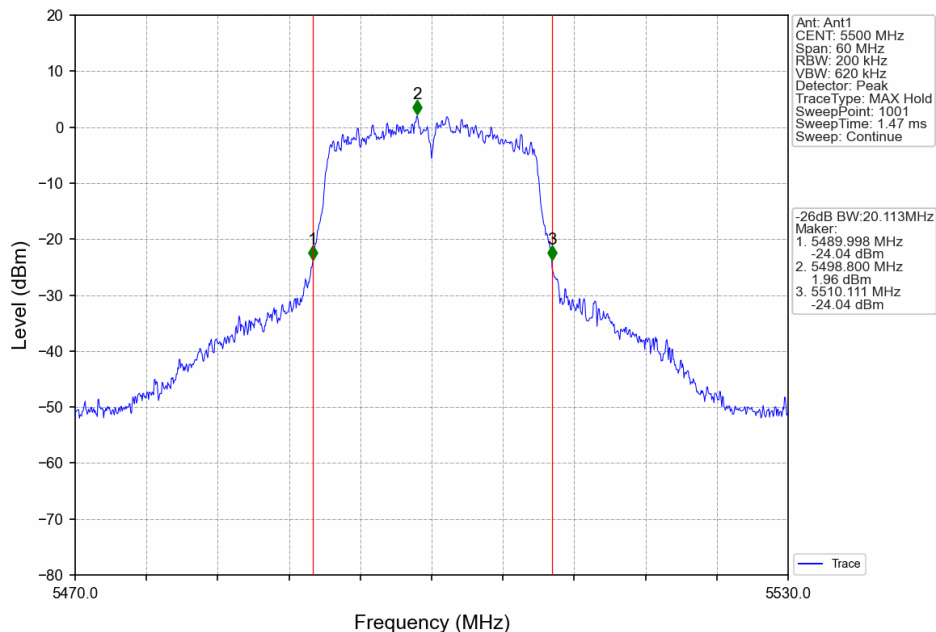
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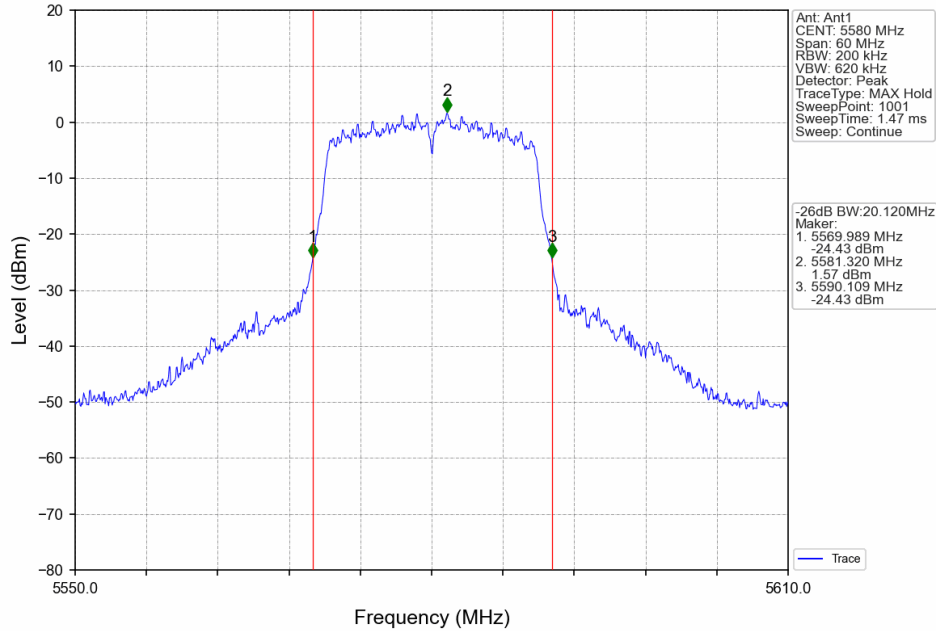
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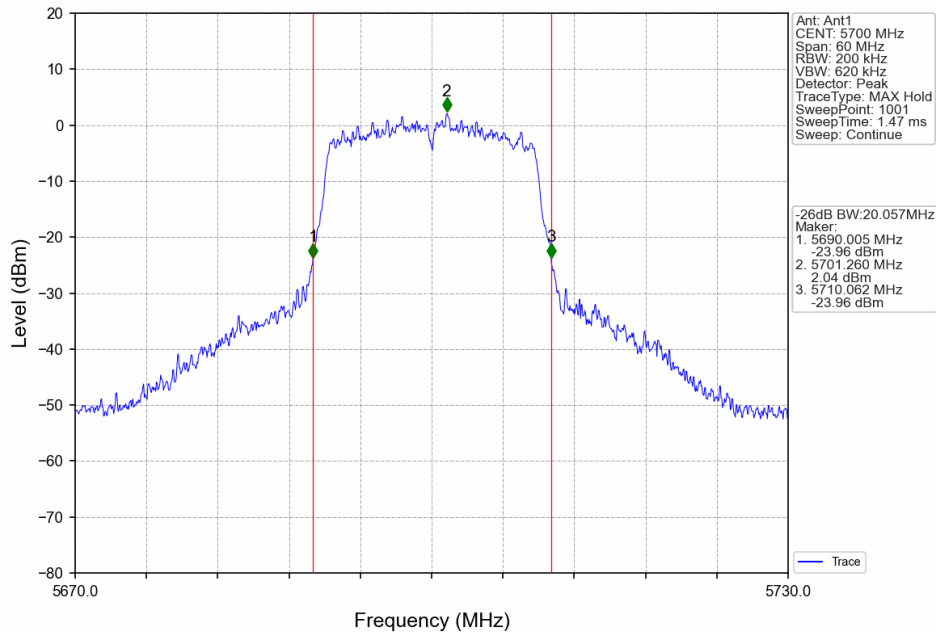
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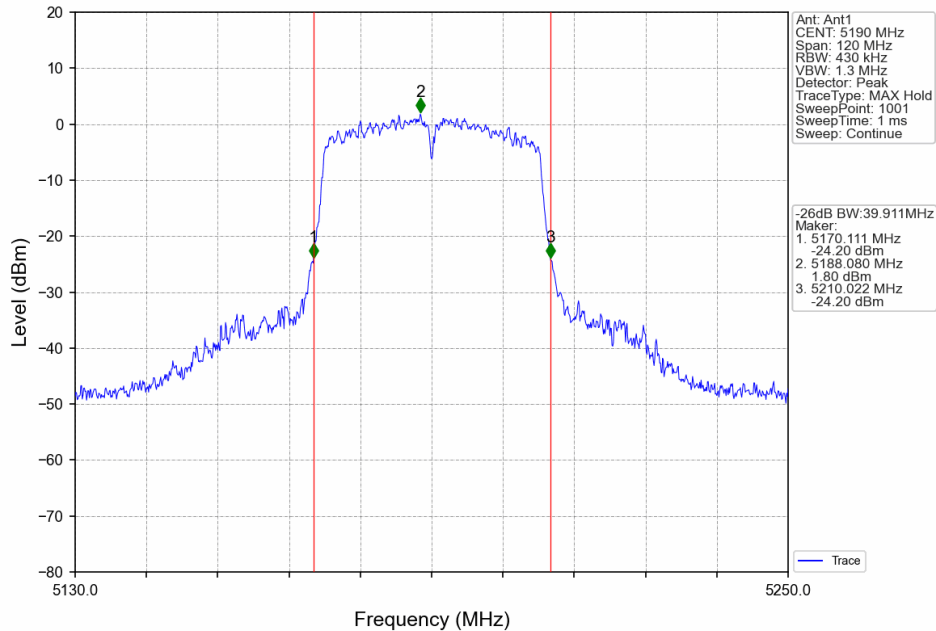
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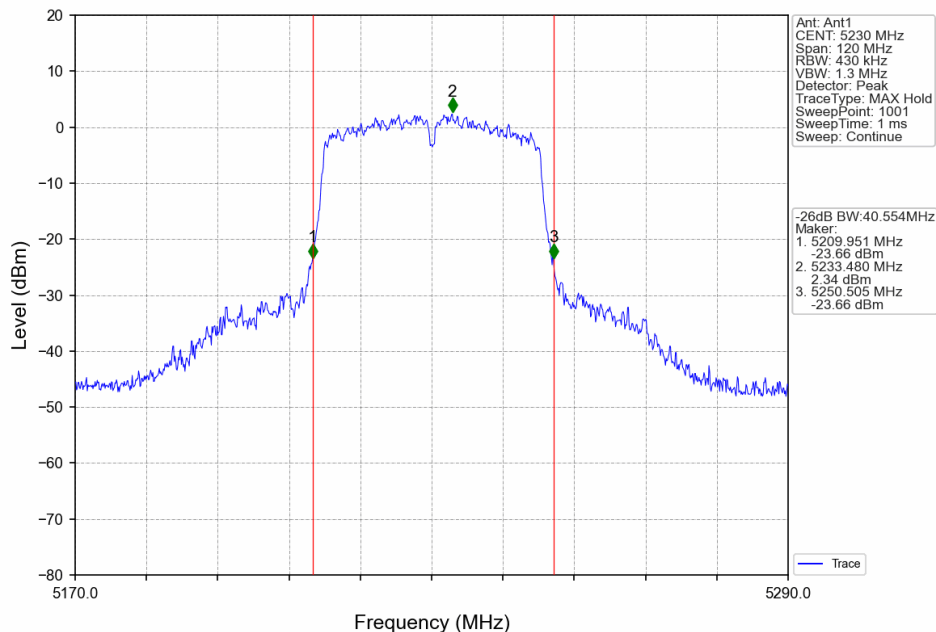
802.11ac(VHT20)_HCH_5700MHz_Ant1_NTNV



802.11ac(VHT40)_LCH_5190MHz_Ant1_NTNV



802.11ac(VHT40)_HCH_5230MHz_Ant1_NTNV



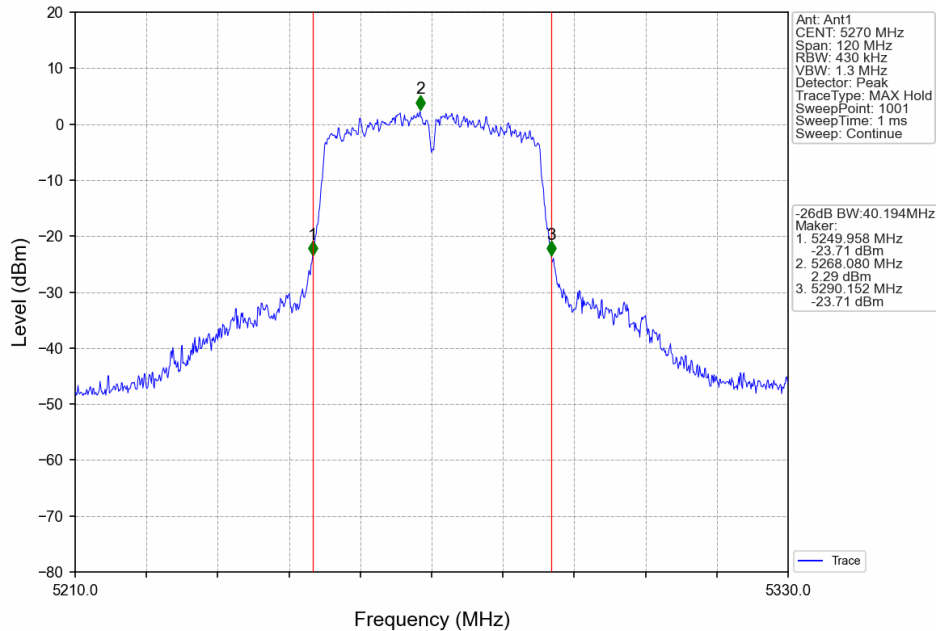
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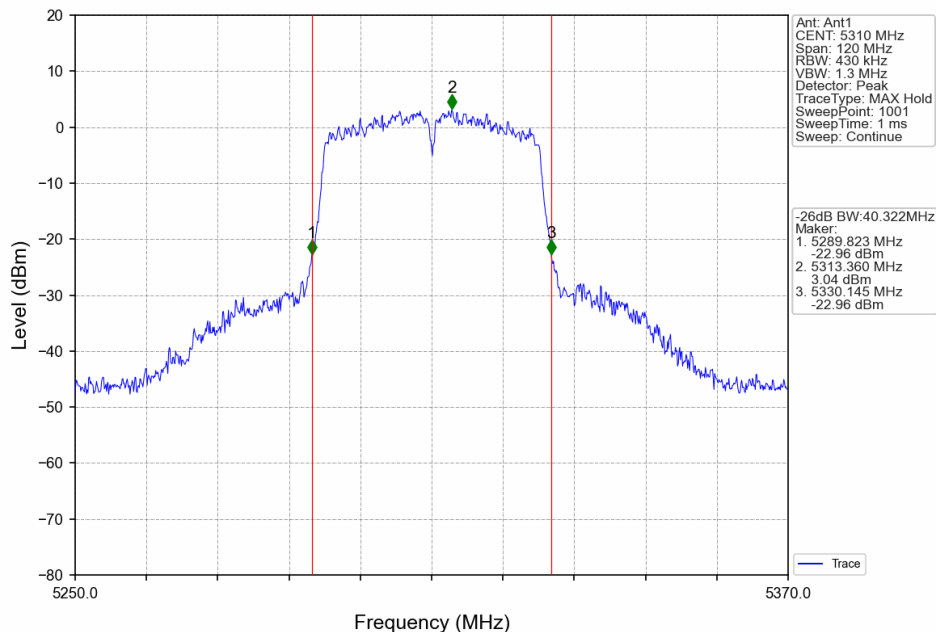
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802.11ac(VHT40)_LCH_5270MHz_Ant1_NTNV



802.11ac(VHT40)_HCH_5310MHz_Ant1_NTNV



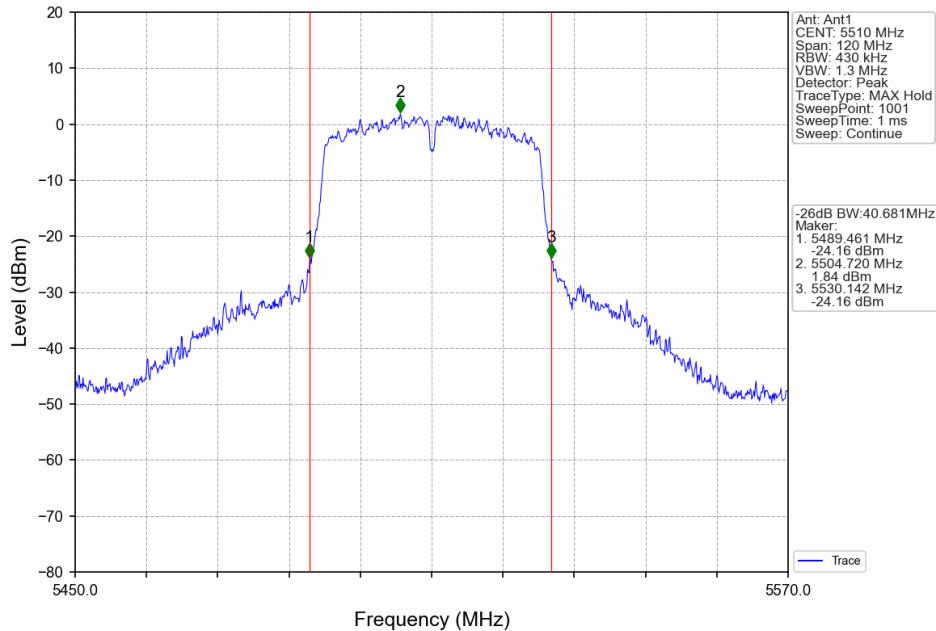
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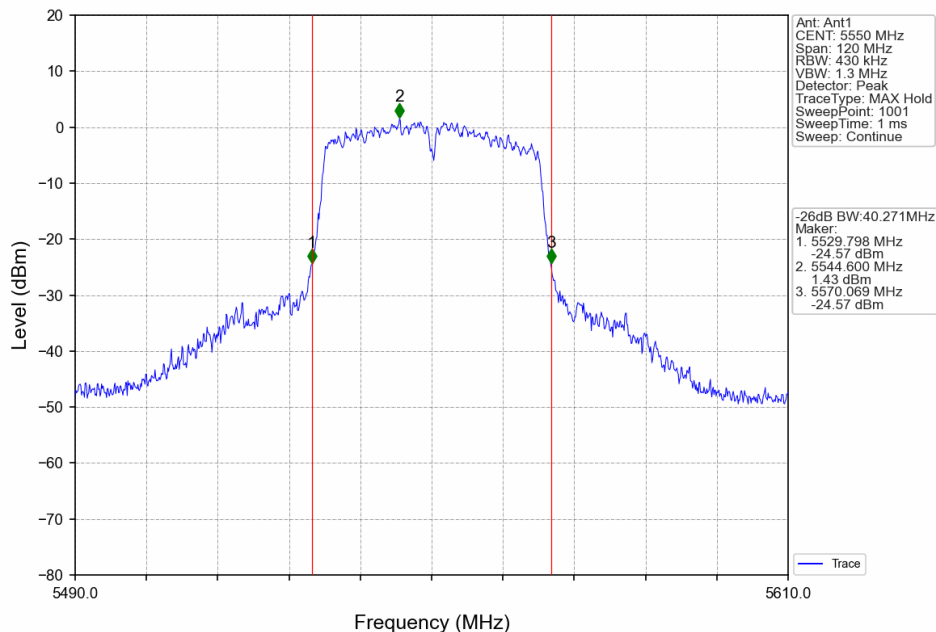
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802.11ac(VHT40)_LCH_5510MHz_Ant1_NTNV



802.11ac(VHT40)_MCH_5550MHz_Ant1_NTNV



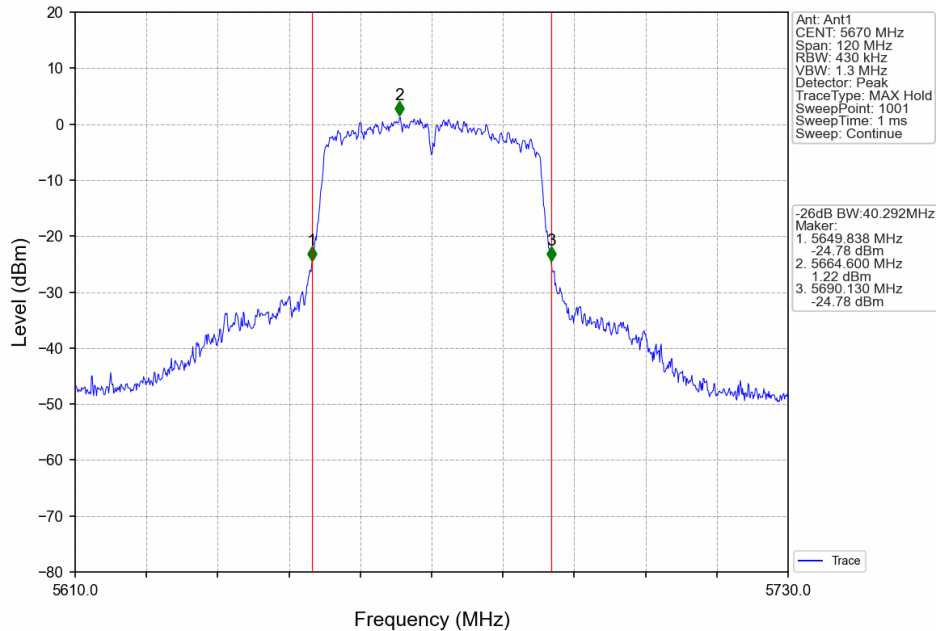
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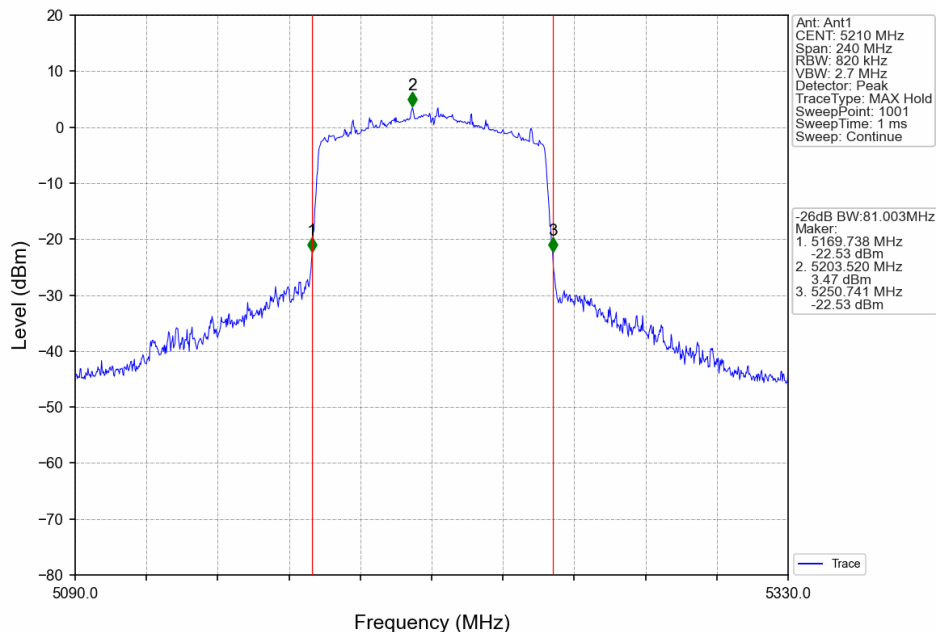
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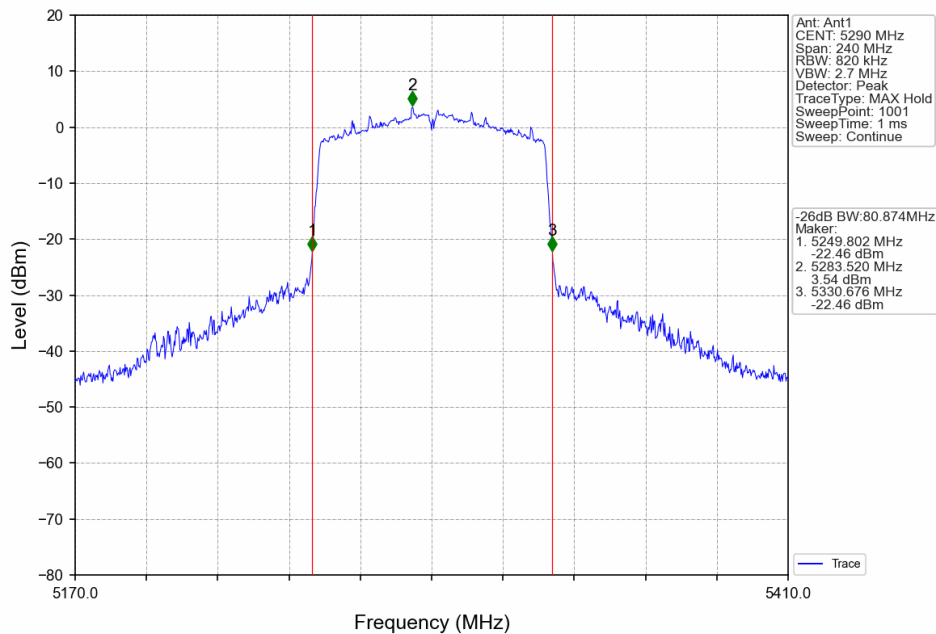
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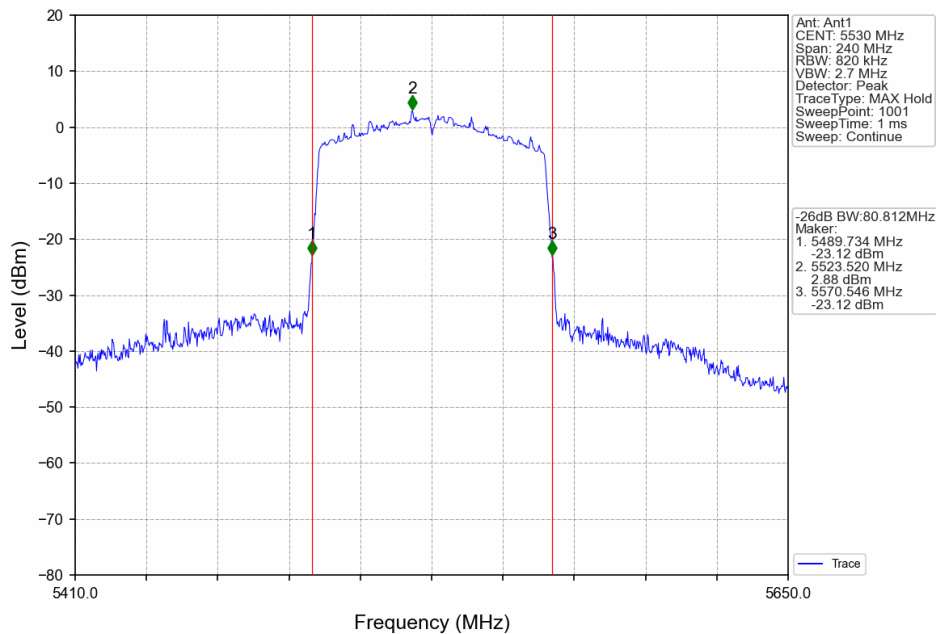
802.11ac(VHT80)_MCH_5210MHz_Ant1_NTNV



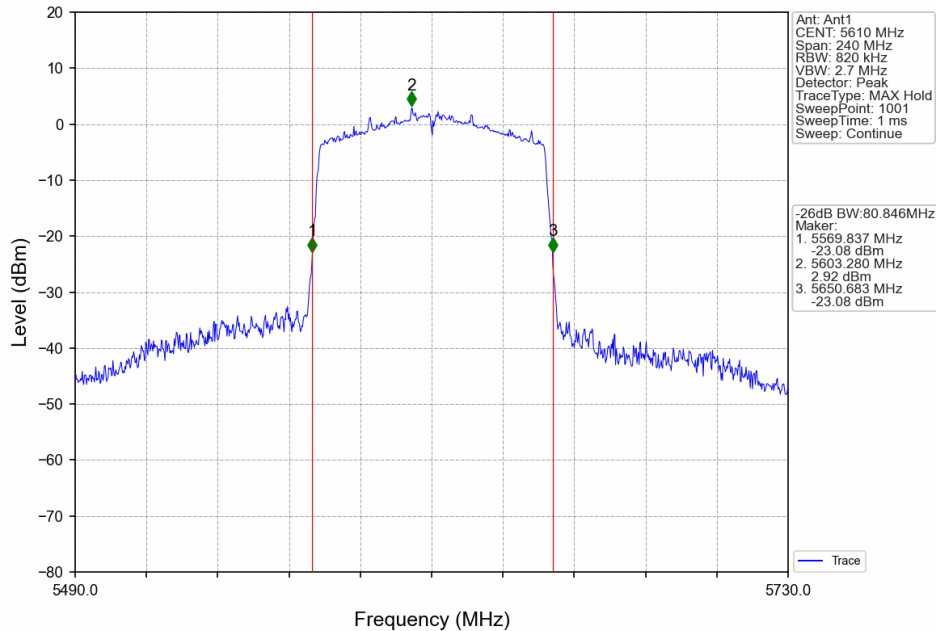
802.11ac(VHT80)_MCH_5290MHz_Ant1_NTNV



802.11ac(VHT80)_LCH_5530MHz_Ant1_NTNV



802.11ac(VHT80)_HCH_5610MHz_Ant1_NTNV



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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)				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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