

Appendix-

Test Data and Result for report GZCR241000116302 (Bandwidth)



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2. Bandwidth

2.1 Test Result

2.1.1 OBW

Mode	TX Type	Frequency (MHz)	RU	RU Pos	ANT	99% Occupied Bandwidth (MHz)		Verdict
						Result	Limit	
802.11a	SISO	5180	/	/	1	17.172	/	Pass
		5200	/	/	1	17.135	/	Pass
		5240	/	/	1	17.144	/	Pass
		5260	/	/	1	17.147	/	Pass
		5300	/	/	1	17.163	/	Pass
		5320	/	/	1	17.141	/	Pass
		5500	/	/	1	17.158	/	Pass
		5580	/	/	1	17.159	/	Pass
		5700	/	/	1	17.135	/	Pass
		5745	/	/	1	17.073	/	Pass
		5785	/	/	1	17.149	/	Pass
		5825	/	/	1	17.124	/	Pass
802.11n (HT40)	MIMO	5190	/	/	1	36.179	/	Pass
		5230	/	/	1	36.106	/	Pass
		5270	/	/	1	36.200	/	Pass
		5310	/	/	1	36.143	/	Pass
		5510	/	/	1	36.182	/	Pass
		5550	/	/	1	36.154	/	Pass
		5670	/	/	1	36.138	/	Pass
		5755	/	/	1	36.145	/	Pass
802.11ac (VHT80)	MIMO	5210	/	/	1	75.547	/	Pass
		5290	/	/	1	75.522	/	Pass
		5530	/	/	1	75.519	/	Pass
		5610	/	/	1	75.608	/	Pass
		5775	/	/	1	75.463	/	Pass
802.11ac (VHT160)	MIMO	5570	/	/	1	153.923	/	Pass
		5250	/	/	1	153.563	/	Pass
802.11ax (HEW20)	MIMO	5180	RU242	Left	1	19.313	/	Pass
		5200	RU242	Left	1	37.642	/	Pass
		5240	RU242	Left	1	19.285	/	Pass
		5260	RU242	Left	1	19.355	/	Pass
		5300	RU242	Left	1	19.341	/	Pass



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		5320	RU242	Left	1	19.315	/	Pass
		5500	RU242	Left	1	19.310	/	Pass
		5580	RU242	Left	1	19.293	/	Pass
		5700	RU242	Left	1	19.311	/	Pass
		5745	RU242	Left	1	19.307	/	Pass
		5785	RU242	Left	1	19.312	/	Pass
		5825	RU242	Left	1	19.315	/	Pass
802.11ax (HEW40)	MIMO	5190	RU484	Left	1	37.808	/	Pass
		5230	RU484	Left	1	37.853	/	Pass
		5270	RU484	Left	1	37.845	/	Pass
		5310	RU484	Left	1	37.798	/	Pass
		5510	RU484	Left	1	37.808	/	Pass
		5550	RU484	Left	1	37.791	/	Pass
		5670	RU484	Left	1	37.900	/	Pass
		5755	RU484	Left	1	37.808	/	Pass
802.11ax (HEW80)	MIMO	5795	RU484	Left	1	37.827	/	Pass
		5210	RU996	Left	1	77.642	/	Pass
		5290	RU996	Left	1	77.409	/	Pass
		5530	RU996	Left	1	77.602	/	Pass
		5610	RU996	Left	1	77.483	/	Pass
802.11ax (HEW160)	MIMO	5775	RU996	Left	1	77.334	/	Pass
		5570	2xRU996	Left	1	155.582	/	Pass
		5250	2xRU996	Left	1	153.116	/	Pass

2.1.2 6dB BW

Mode	TX Type	Frequency (MHz)	RU	RU Pos	ANT	6dB Bandwidth (MHz)		Verdict
						Result	Limit	
802.11a	SISO	5745	/	/	1	16.415	>=0.5	Pass
		5785	/	/	1	16.407	>=0.5	Pass
		5825	/	/	1	16.410	>=0.5	Pass
802.11n (HT40)	MIMO	5755	/	/	1	35.389	>=0.5	Pass
		5795	/	/	1	35.457	>=0.5	Pass
802.11ac (VHT80)	MIMO	5775	/	/	1	75.426	>=0.5	Pass
802.11ax (HEW20)	MIMO	5745	RU242	Left	1	19.061	>=0.5	Pass
		5785	RU242	Left	1	19.082	>=0.5	Pass
		5825	RU242	Left	1	19.151	>=0.5	Pass
802.11ax (HEW40)	MIMO	5755	RU484	Left	1	37.480	>=0.5	Pass
		5795	RU484	Left	1	37.630	>=0.5	Pass
802.11ax (HEW80)	MIMO	5775	RU996	Left	1	77.669	>=0.5	Pass



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2.1.3 26dB BW

Mode	TX Type	Frequency (MHz)	RU	RU Pos	ANT	26dB Bandwidth (MHz)		Verdict
						Result	Limit	
802.11a	SISO	5180	/	/	1	20.147	/	Pass
		5200	/	/	1	20.471	/	Pass
		5240	/	/	1	20.226	/	Pass
		5260	/	/	1	20.139	/	Pass
		5300	/	/	1	20.303	/	Pass
		5320	/	/	1	20.339	/	Pass
		5500	/	/	1	20.038	/	Pass
		5580	/	/	1	20.156	/	Pass
		5700	/	/	1	20.247	/	Pass
802.11n (HT40)	MIMO	5190	/	/	1	39.383	/	Pass
		5230	/	/	1	39.453	/	Pass
		5270	/	/	1	39.372	/	Pass
		5310	/	/	1	39.658	/	Pass
		5510	/	/	1	39.289	/	Pass
		5550	/	/	1	39.476	/	Pass
		5670	/	/	1	39.445	/	Pass
802.11ac (VHT80)	MIMO	5210	/	/	1	81.562	/	Pass
		5290	/	/	1	81.538	/	Pass
		5530	/	/	1	81.907	/	Pass
		5610	/	/	1	81.061	/	Pass
802.11ac (VHT160)	MIMO	5570	/	/	1	163.548	/	Pass
		5250	/	/	1	163.112	/	Pass
802.11ax (HEW20)	MIMO	5180	RU242	Left	1	21.743	/	Pass
		5200	RU242	Left	1	39.635	/	Pass
		5240	RU242	Left	1	21.365	/	Pass
		5260	RU242	Left	1	21.503	/	Pass
		5300	RU242	Left	1	21.713	/	Pass
		5320	RU242	Left	1	21.523	/	Pass
		5500	RU242	Left	1	21.772	/	Pass
		5580	RU242	Left	1	21.428	/	Pass
		5700	RU242	Left	1	21.810	/	Pass
802.11ax (HEW40)	MIMO	5190	RU484	Left	1	40.201	/	Pass
		5230	RU484	Left	1	40.187	/	Pass
		5270	RU484	Left	1	40.134	/	Pass
		5310	RU484	Left	1	40.354	/	Pass
		5510	RU484	Left	1	40.272	/	Pass
		5550	RU484	Left	1	40.184	/	Pass



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EMC-ARF-05 Rev 1.1

Page: 5 of 63

		5670	RU484	Left	1	40.195	/	Pass
802.11ax (HEW80)	MIMO	5210	RU996	Left	1	81.711	/	Pass
		5290	RU996	Left	1	81.852	/	Pass
		5530	RU996	Left	1	81.367	/	Pass
		5610	RU996	Left	1	82.133	/	Pass
802.11ax (HEW160)	MIMO	5570	2xRU996	Left	1	163.748	/	Pass
		5250	2xRU996	Left	1	163.309	/	Pass



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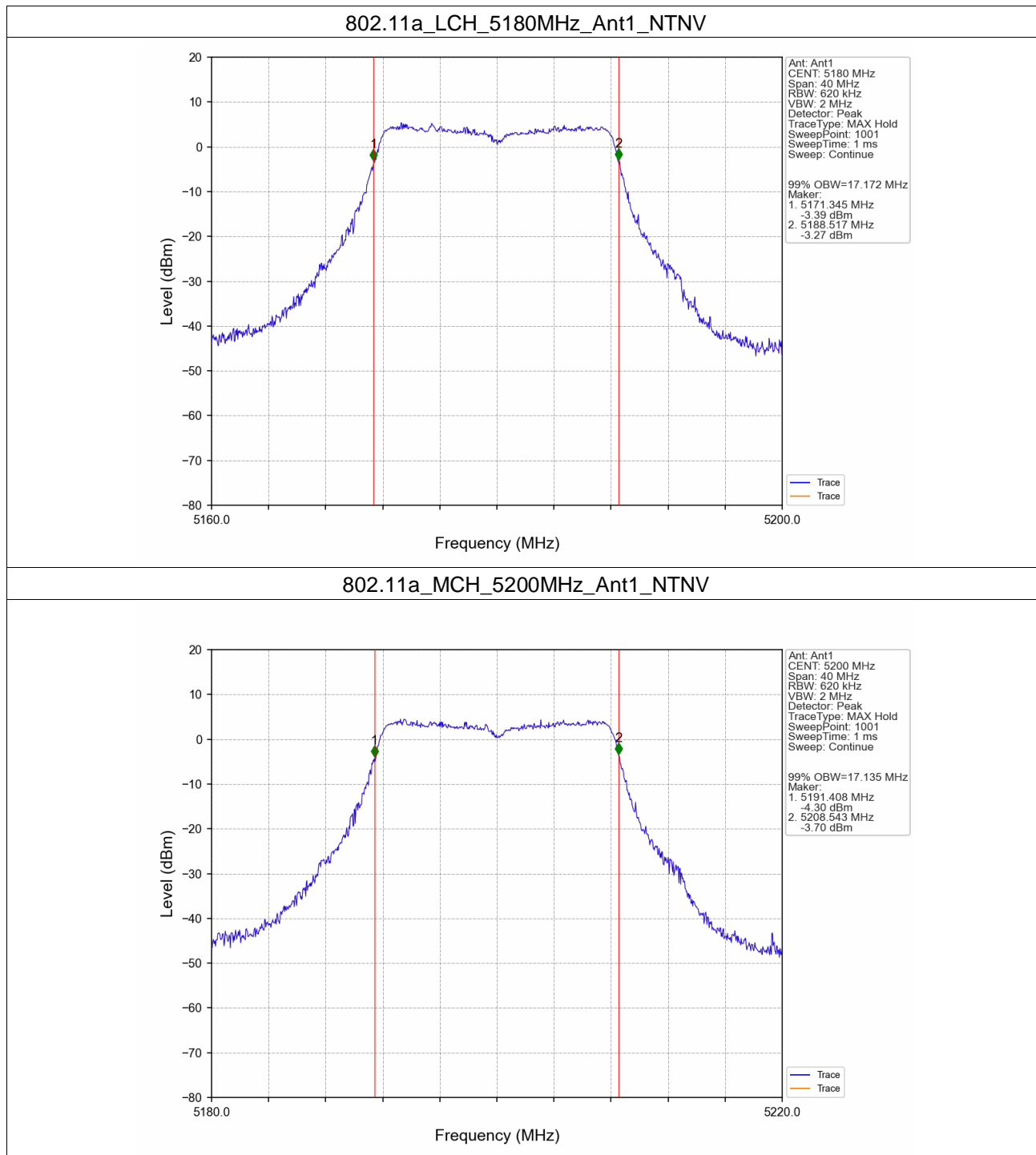
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2.2 Test Graph

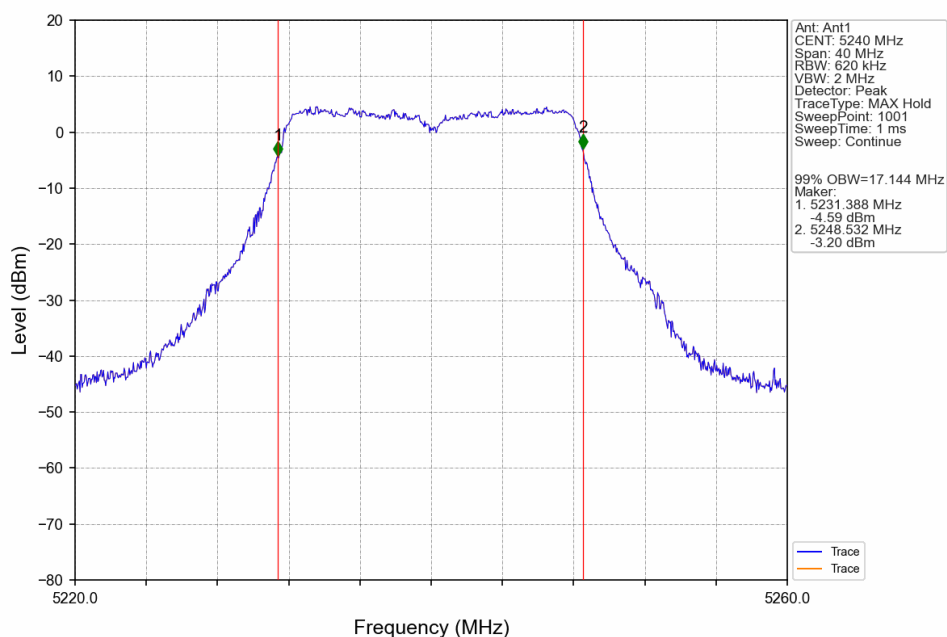
2.2.1 OBW



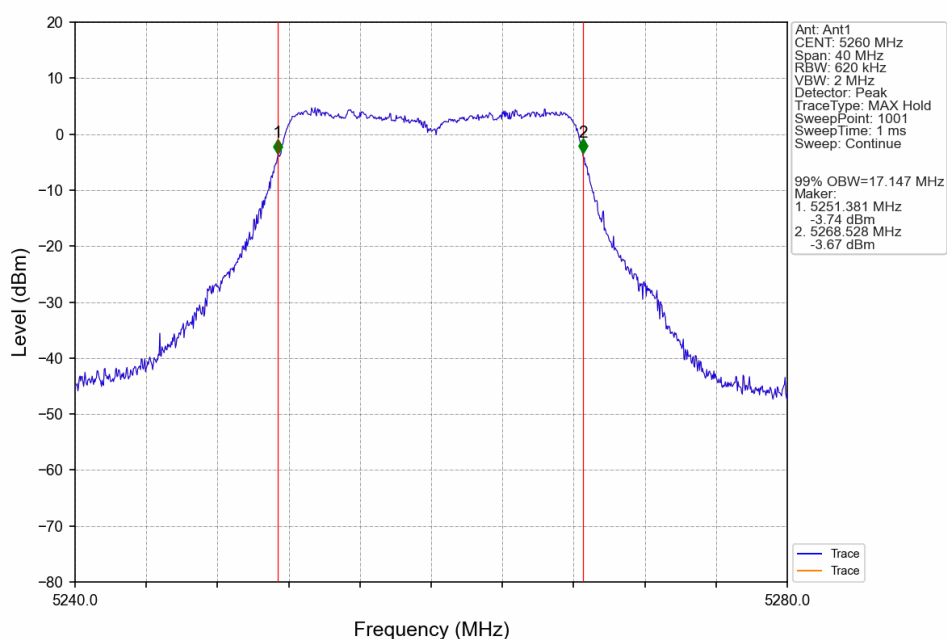
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802.11a_HCH_5240MHz_Ant1_NTNV



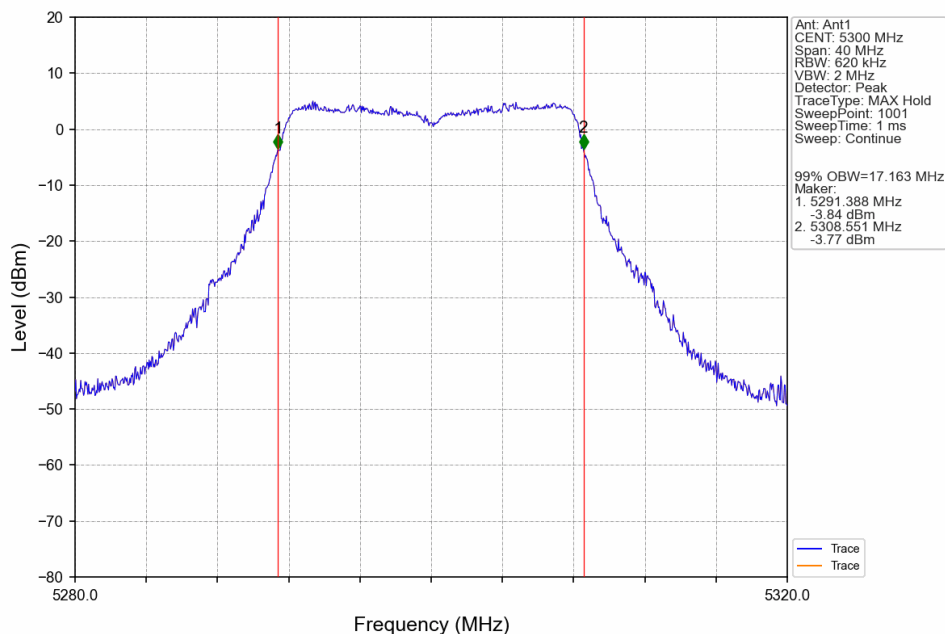
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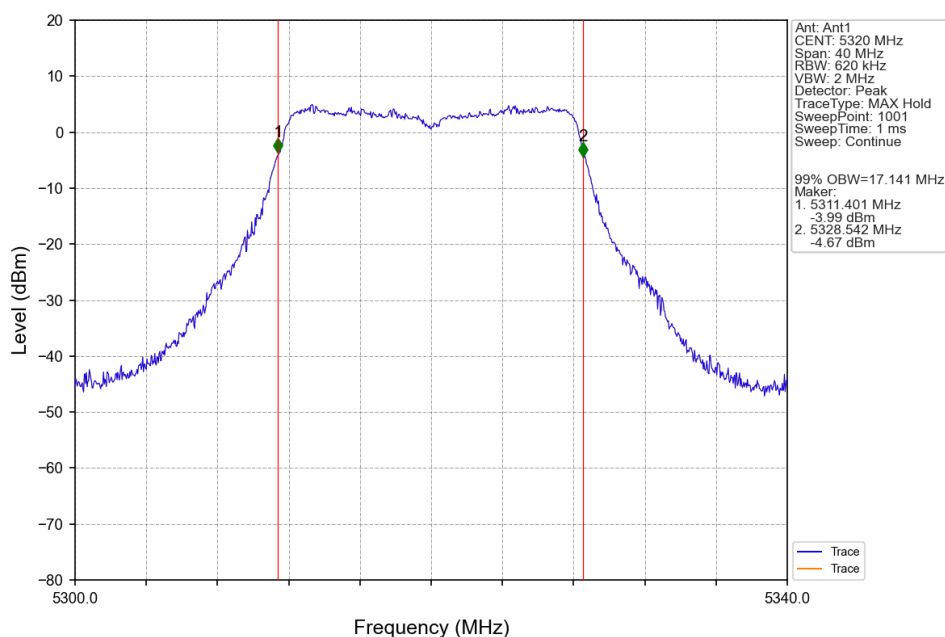
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802.11a_MCH_5300MHz_Ant1_NTNV



802.11a_HCH_5320MHz_Ant1_NTNV



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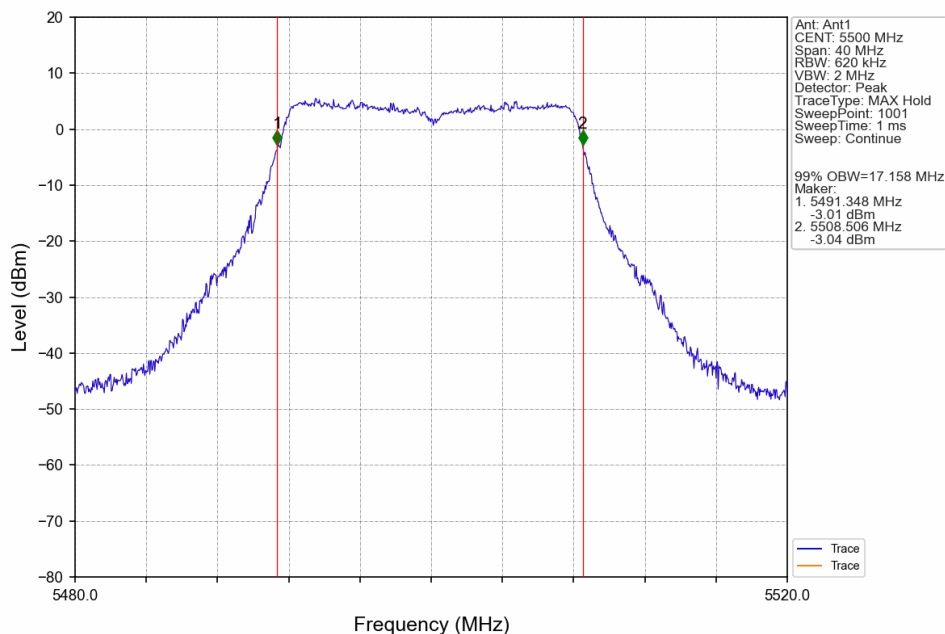
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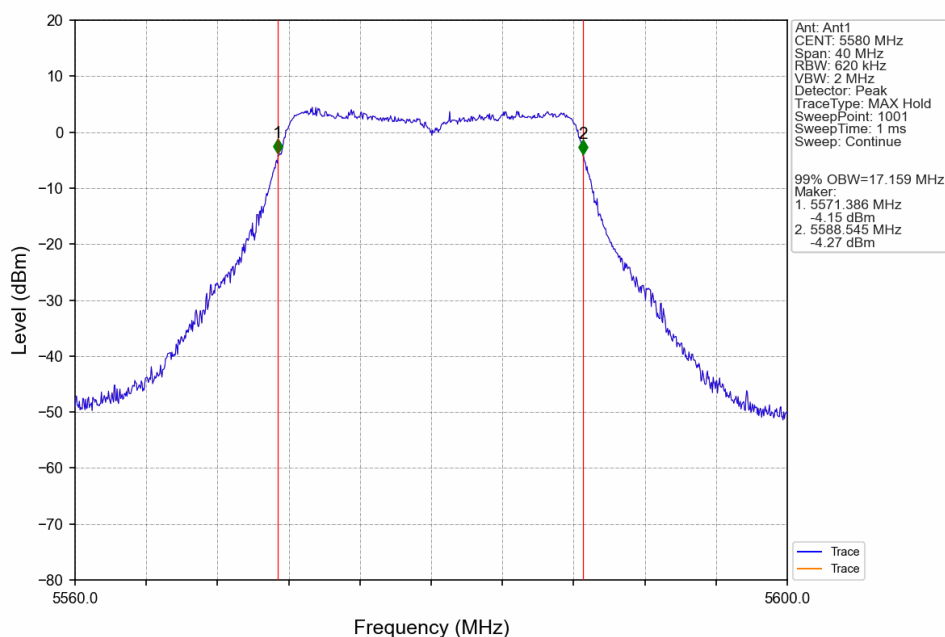
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802.11a_LCH_5500MHz_Ant1_NTNV



802.11a_MCH_5580MHz_Ant1_NTNV



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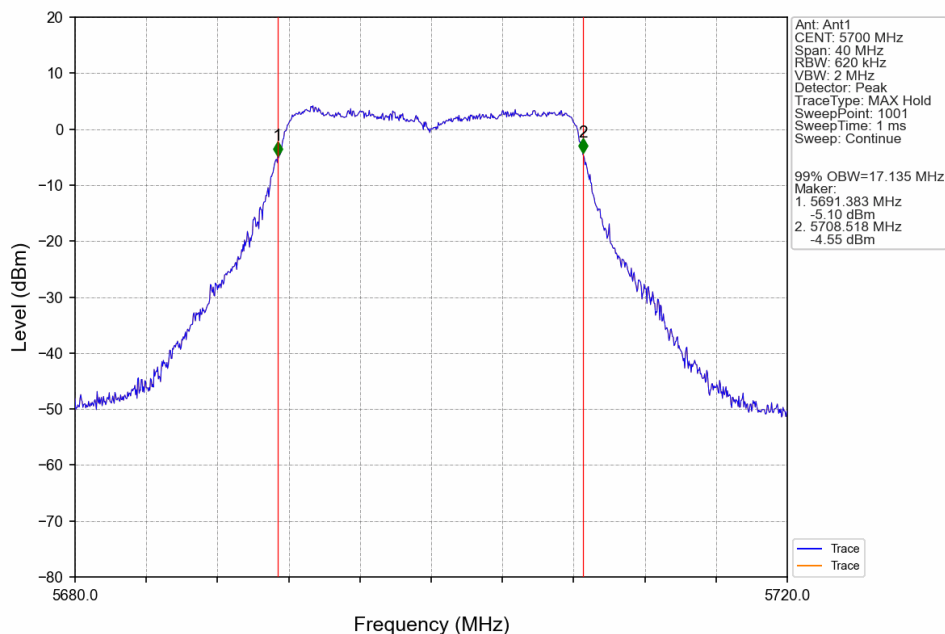
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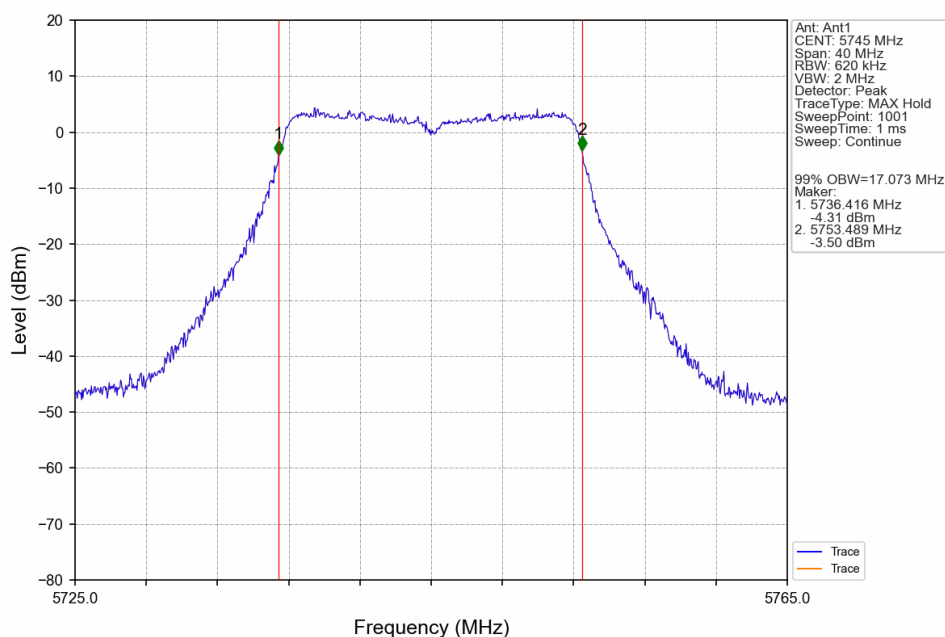
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802.11a_HCH_5700MHz_Ant1_NTNV



802.11a_LCH_5745MHz_Ant1_NTNV



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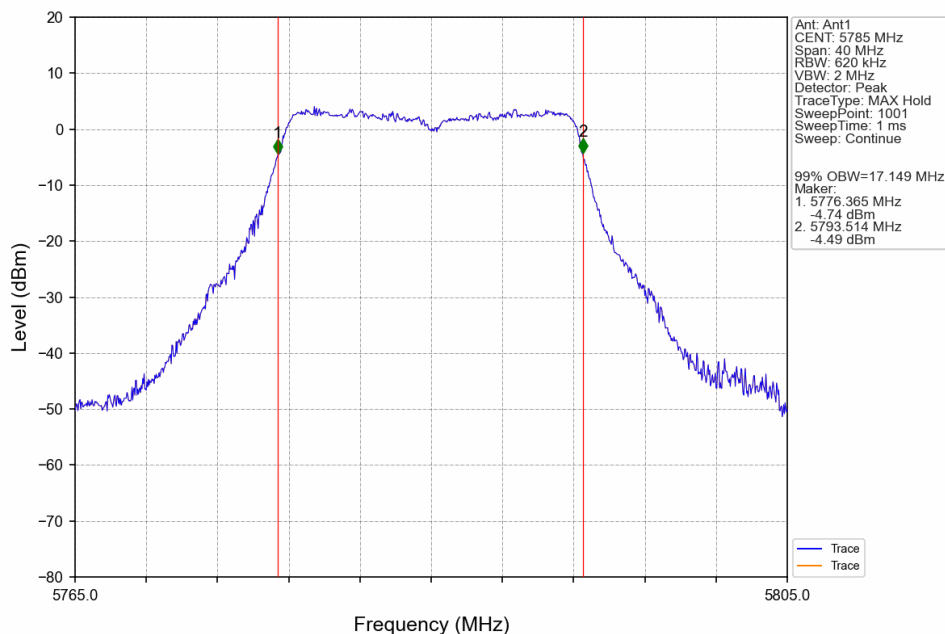
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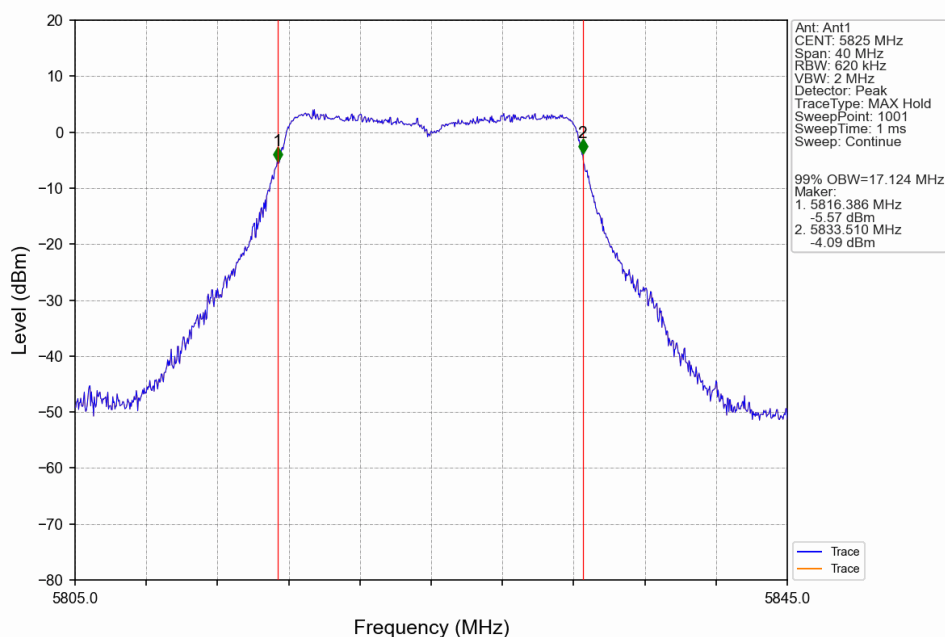
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802.11a_MCH_5785MHz_Ant1_NTNV



802.11a_HCH_5825MHz_Ant1_NTNV



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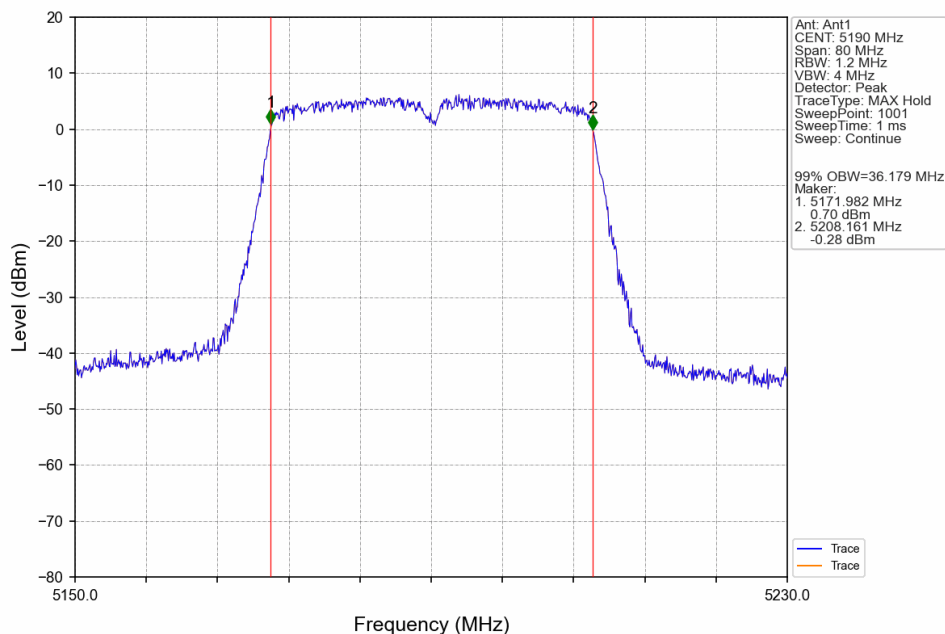
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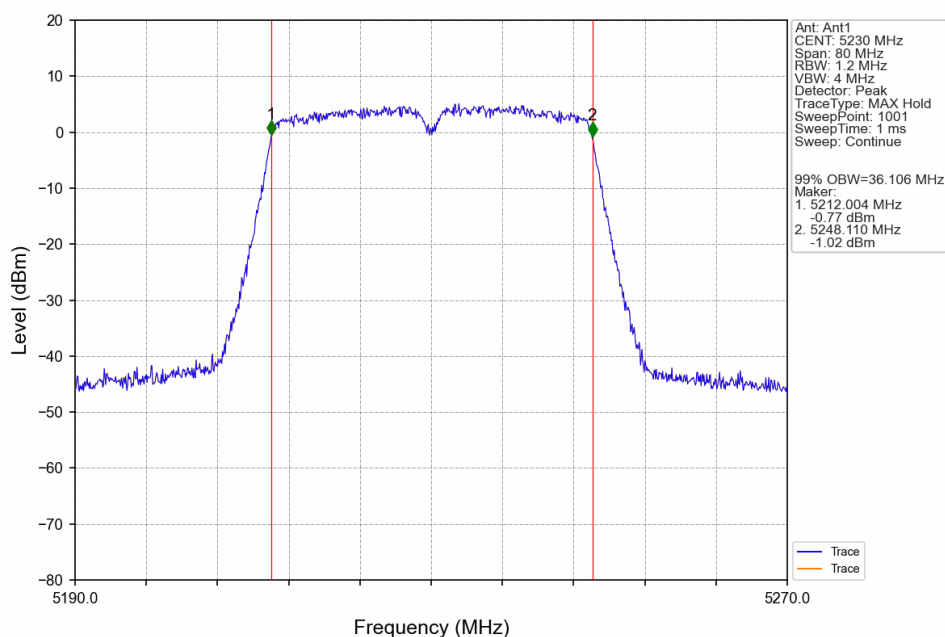
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802.11n(HT40)_LCH_5190MHz_Ant1_NTNV



802.11n(HT40)_HCH_5230MHz_Ant1_NTNV



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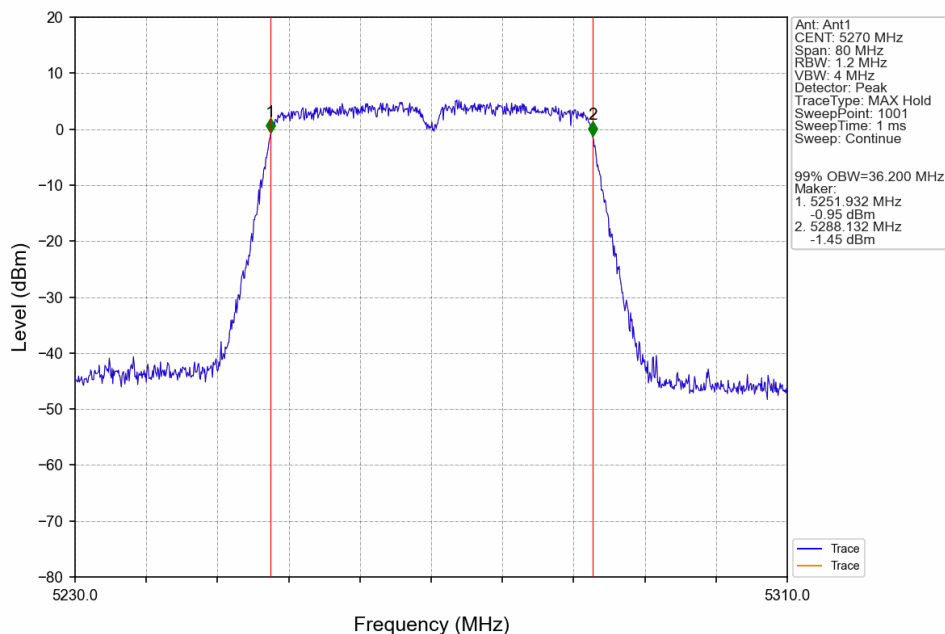
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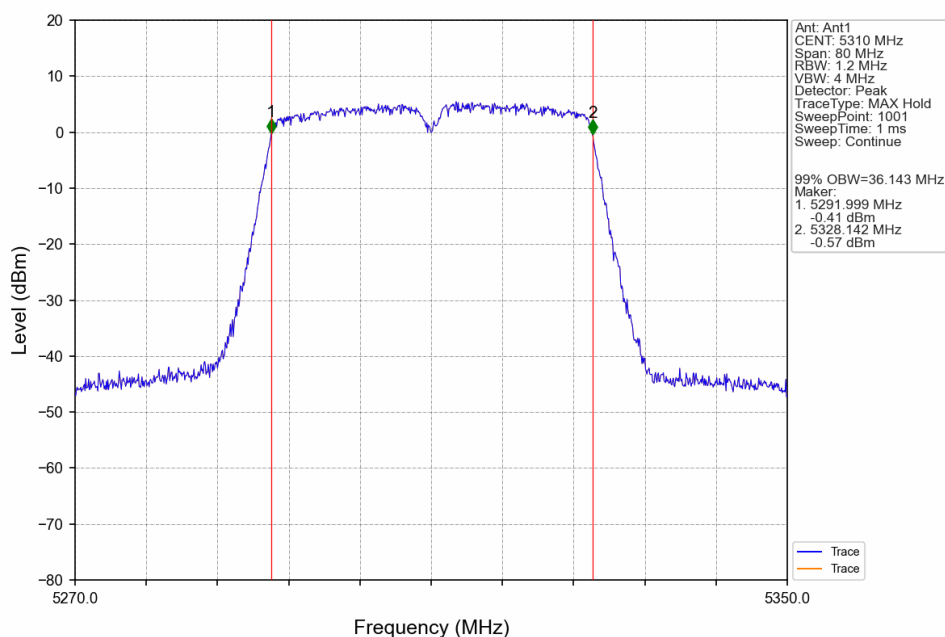
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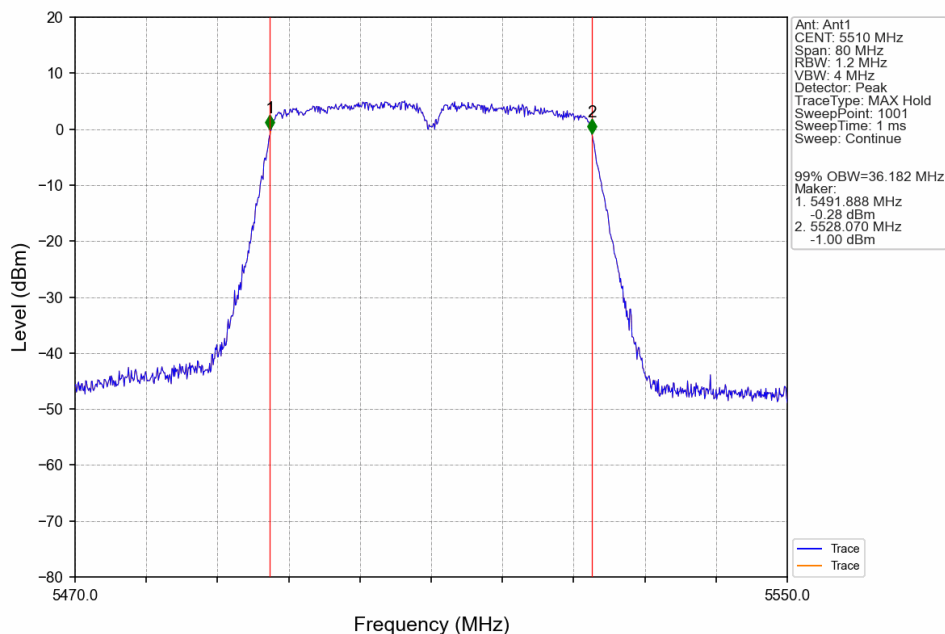
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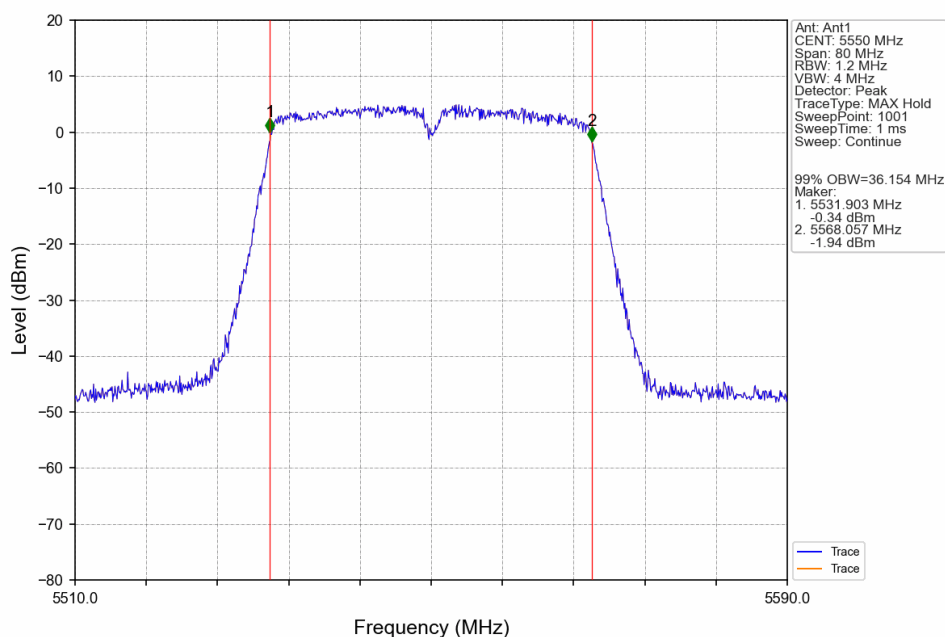
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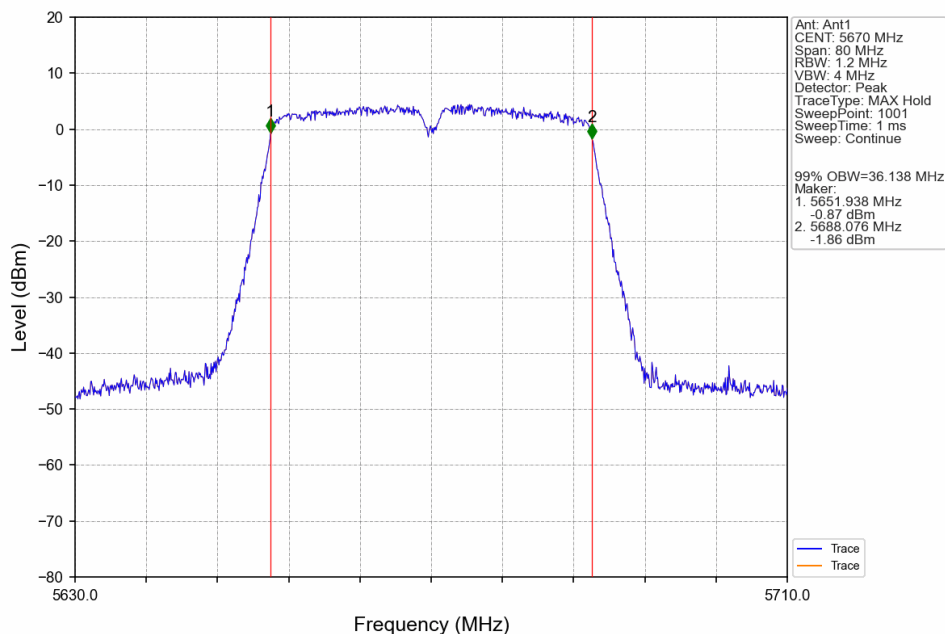
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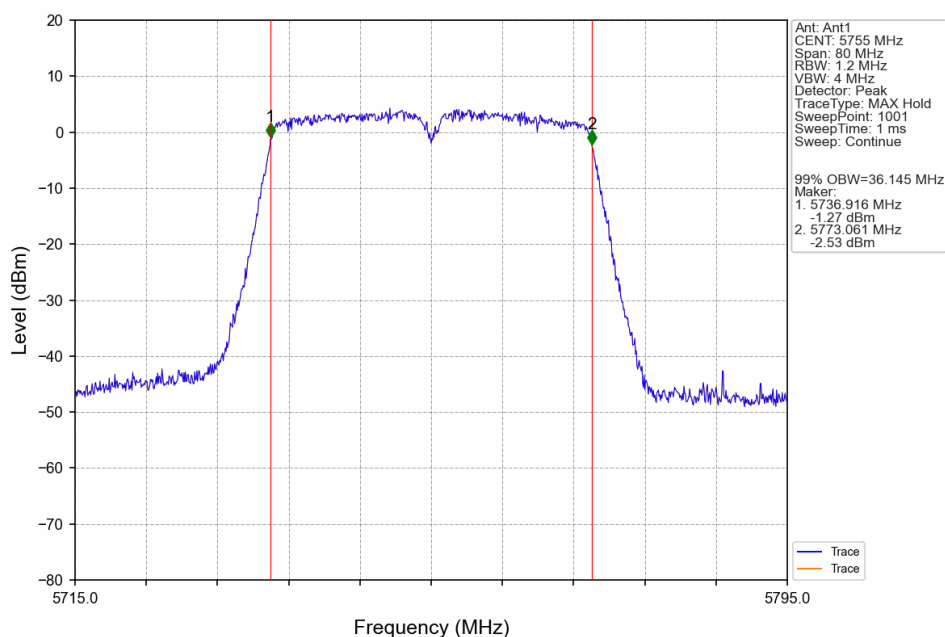
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802.11n(HT40)_HCH_5670MHz_Ant1_NTNV



802.11n(HT40)_LCH_5755MHz_Ant1_NTNV



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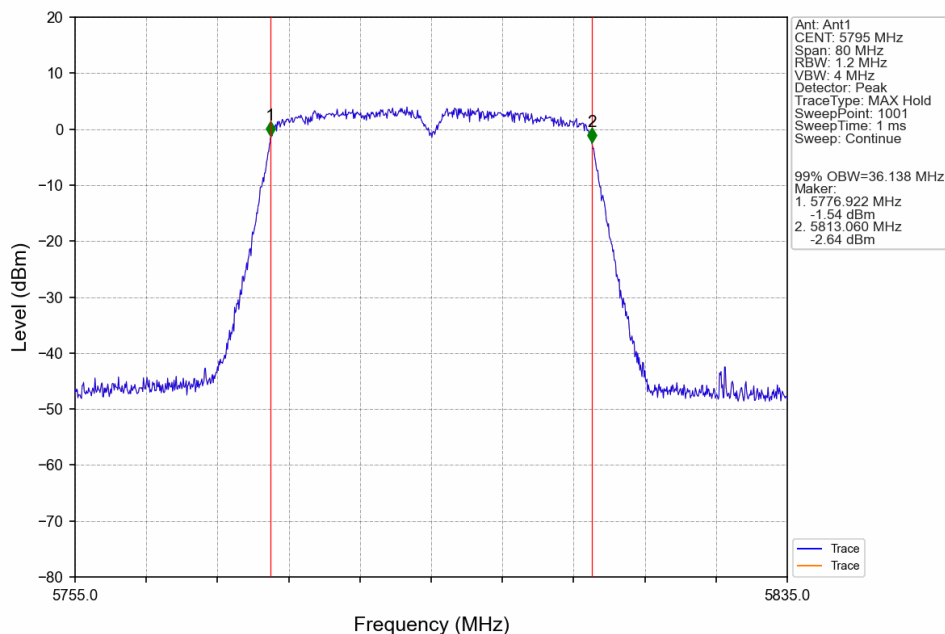
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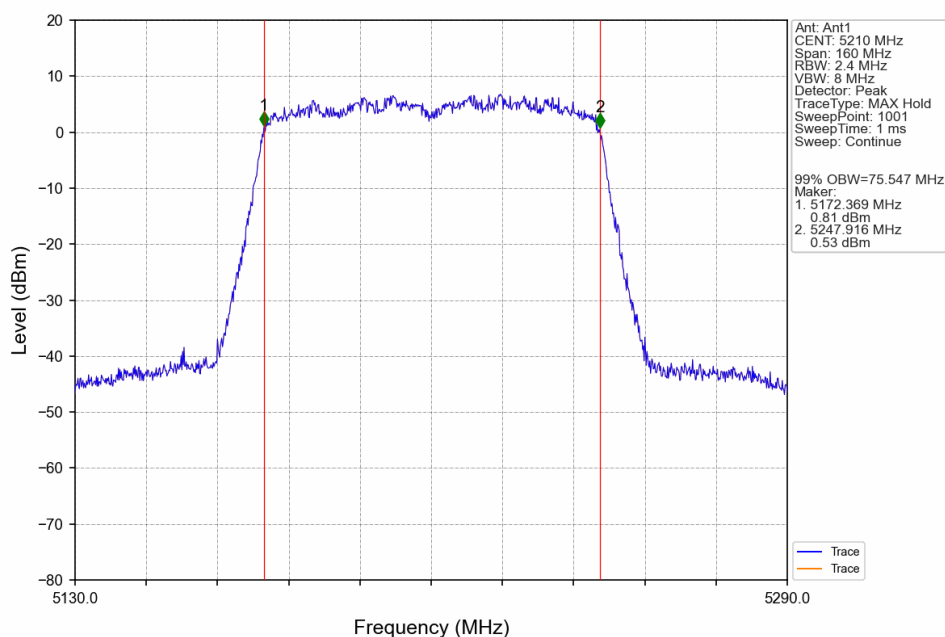
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802.11n(HT40)_HCH_5795MHz_Ant1_NTNV



802.11ac(VHT80)_MCH_5210MHz_Ant1_NTNV



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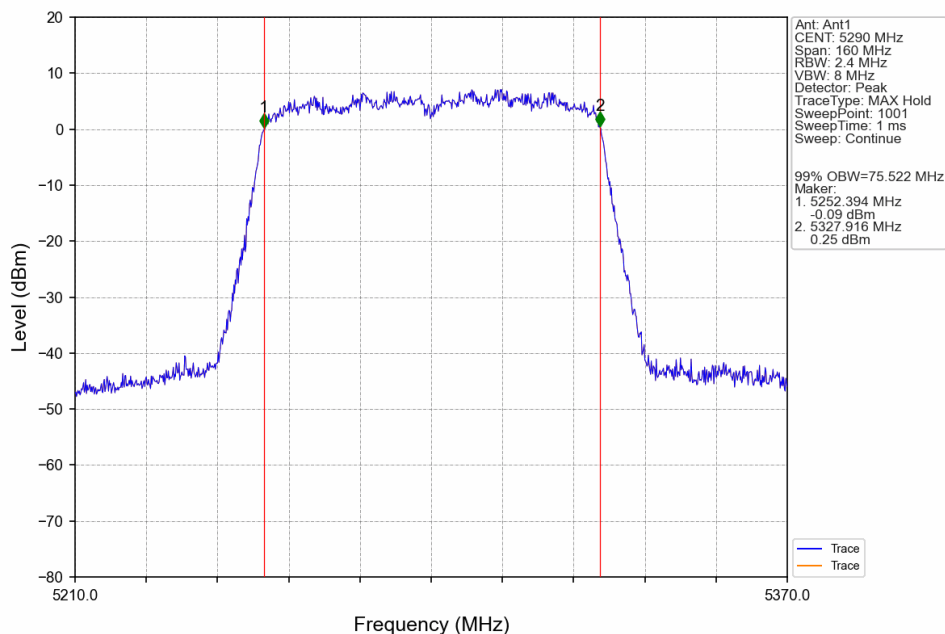
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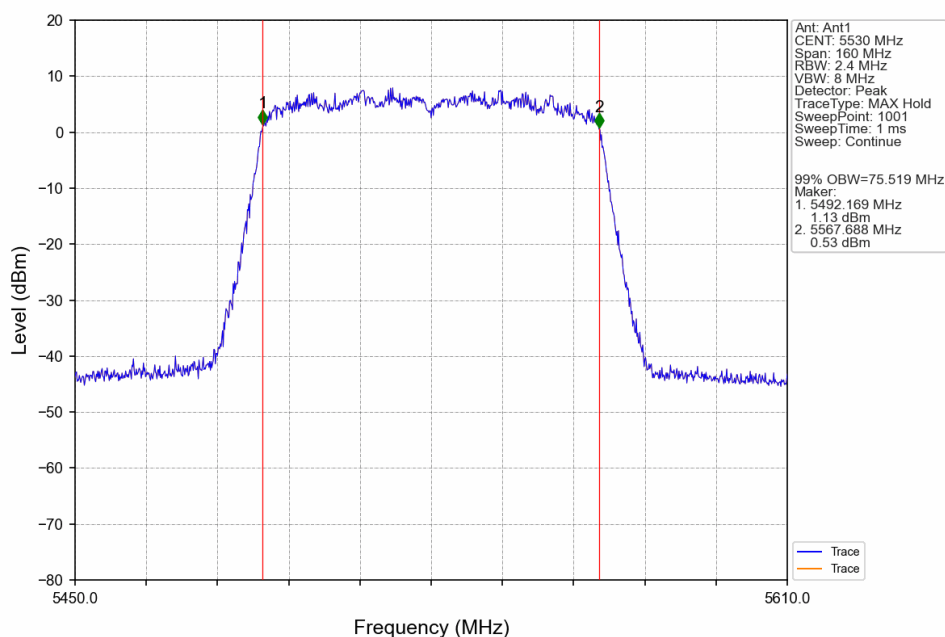
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802.11ac(VHT80)_MCH_5290MHz_Ant1_NTNV



802.11ac(VHT80)_LCH_5530MHz_Ant1_NTNV



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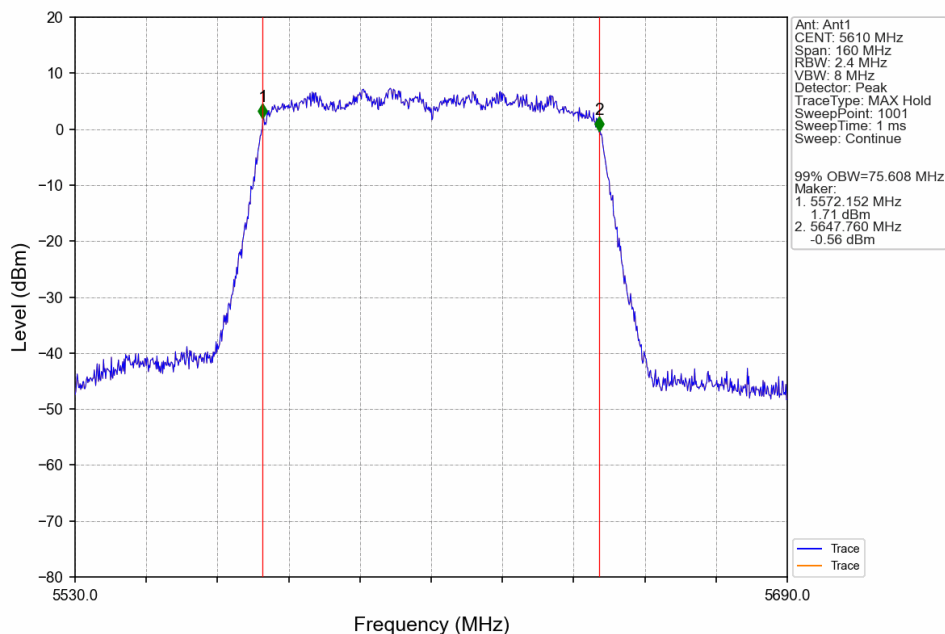
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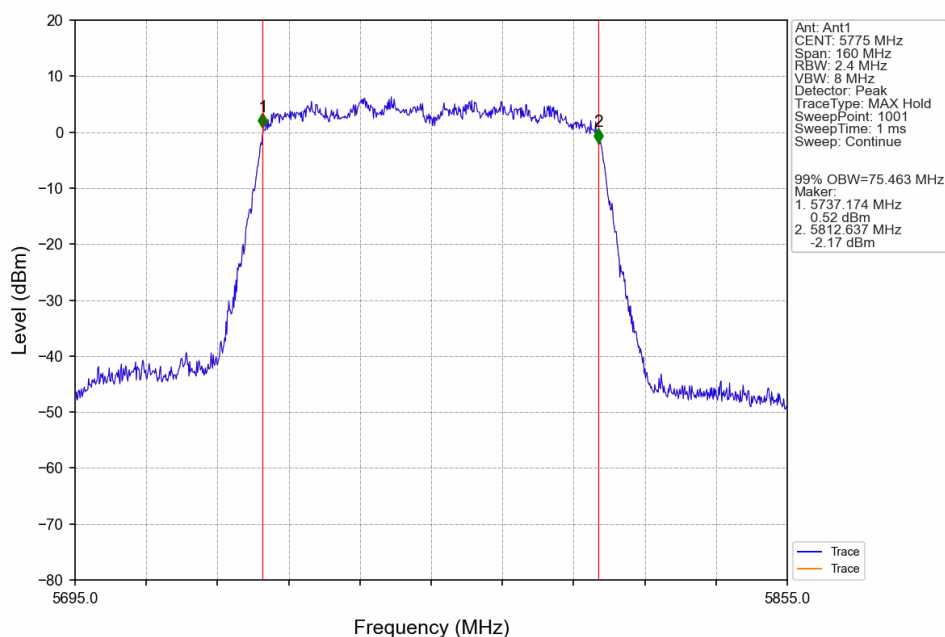
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802.11ac(VHT80)_HCH_5610MHz_Ant1_NTNV



802.11ac(VHT80)_MCH_5775MHz_Ant1_NTNV



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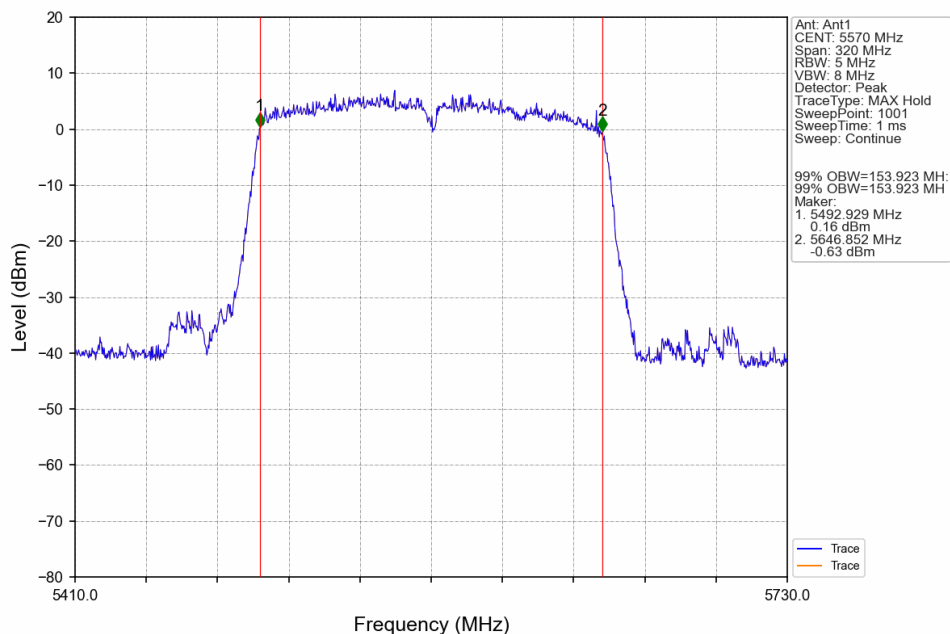
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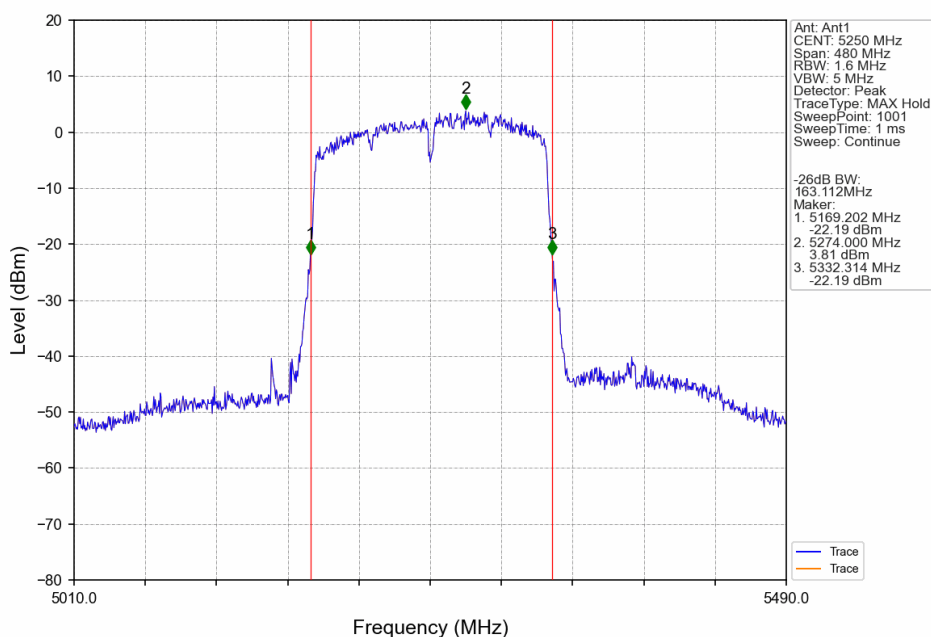
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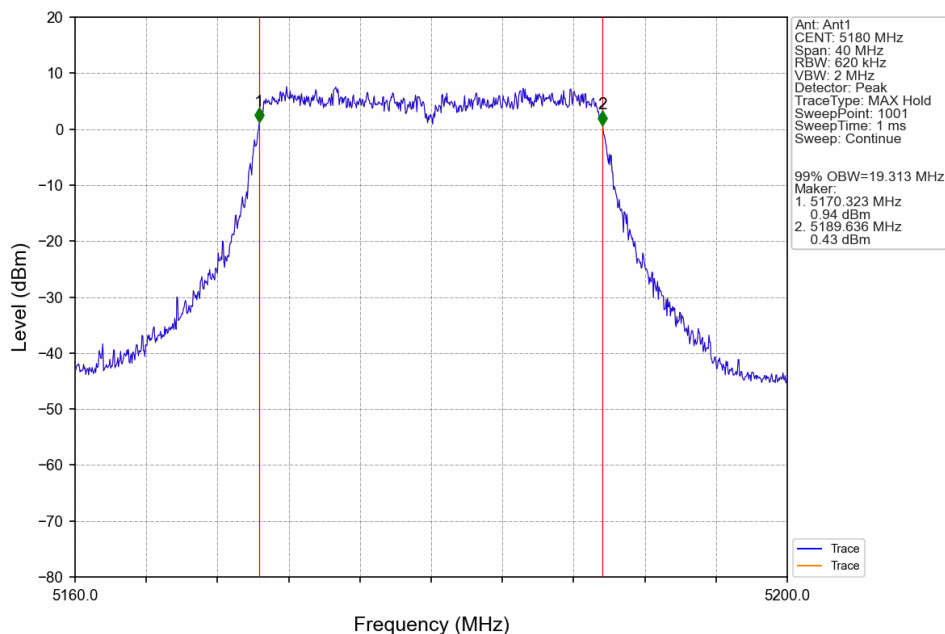
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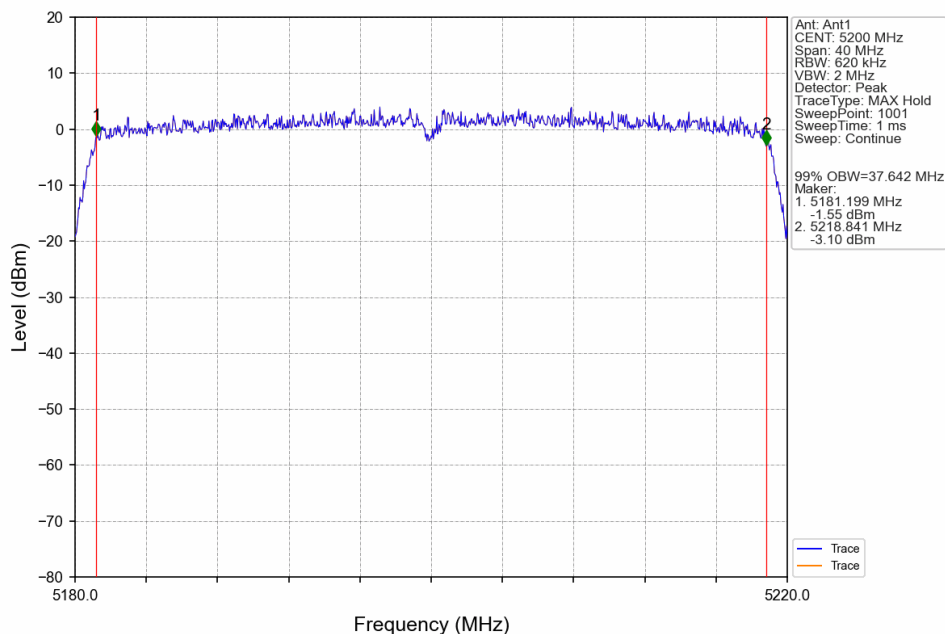
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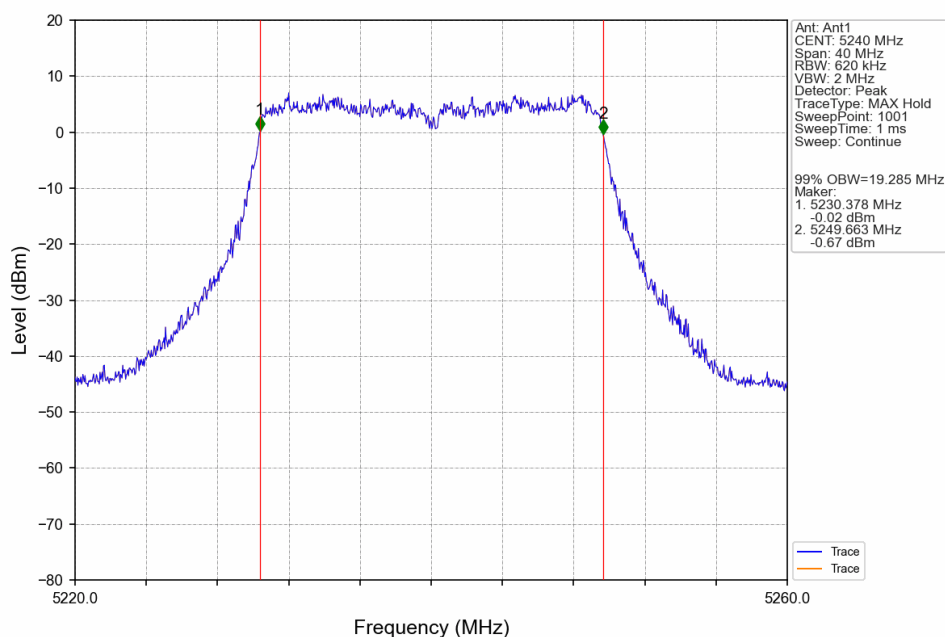
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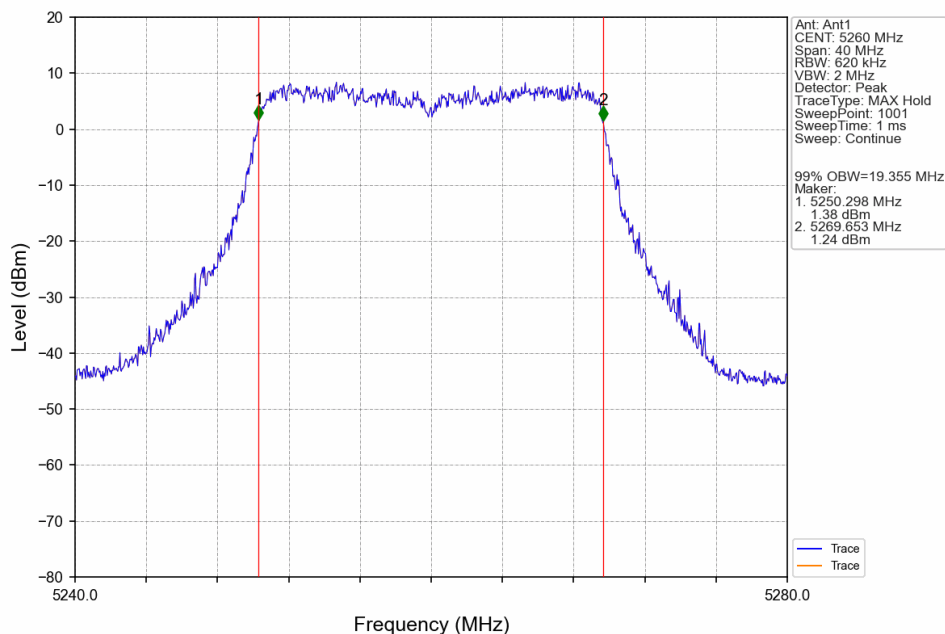
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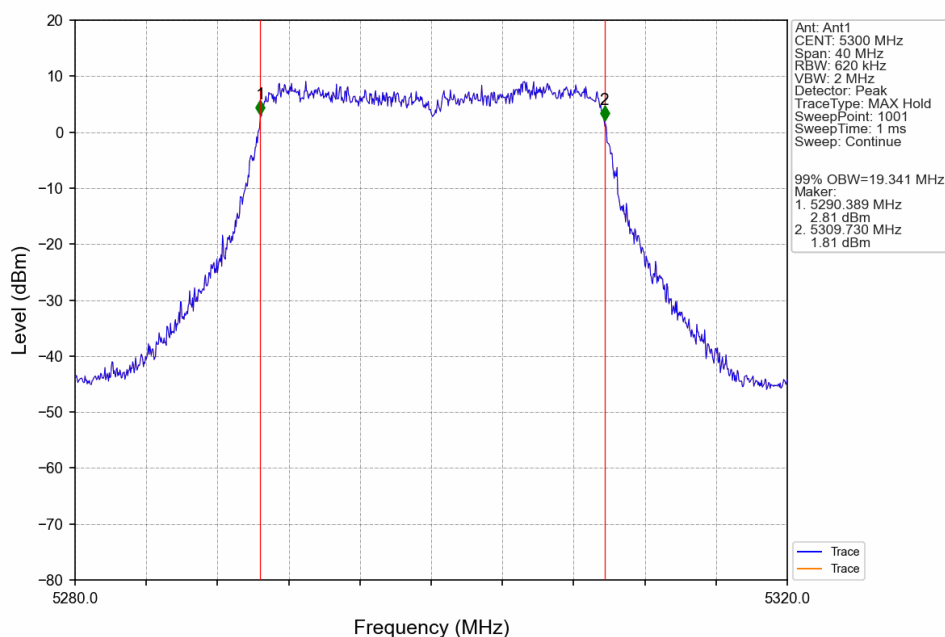
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802.11ax(HEW20)_MCH_5300MHz_RU242_Left_Ant1_NTNV



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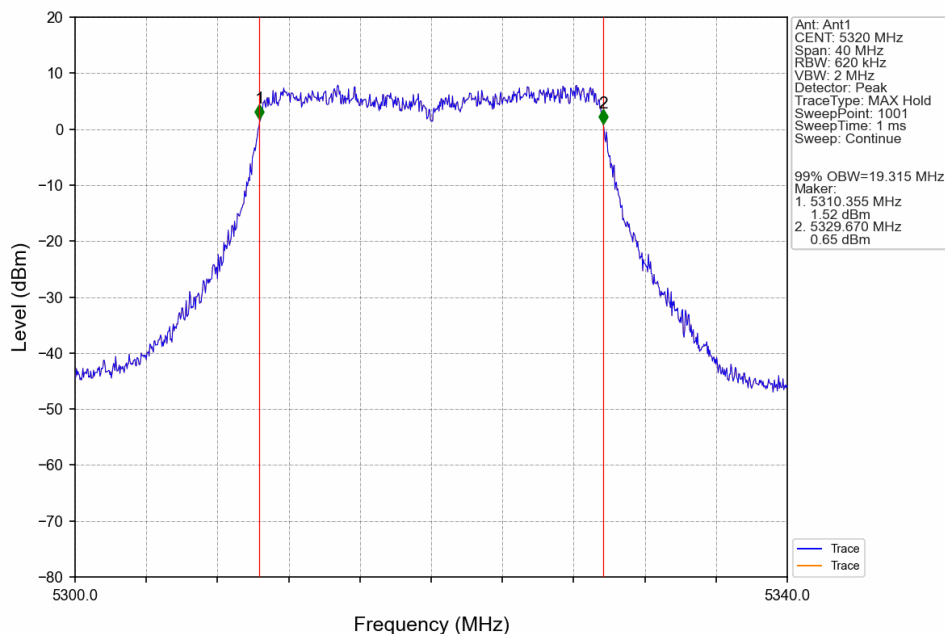
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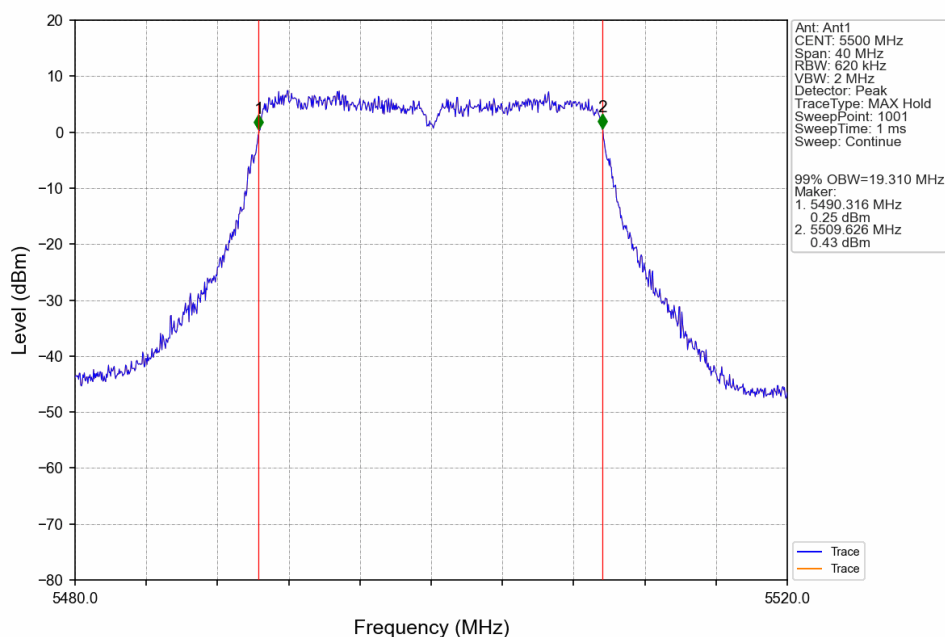
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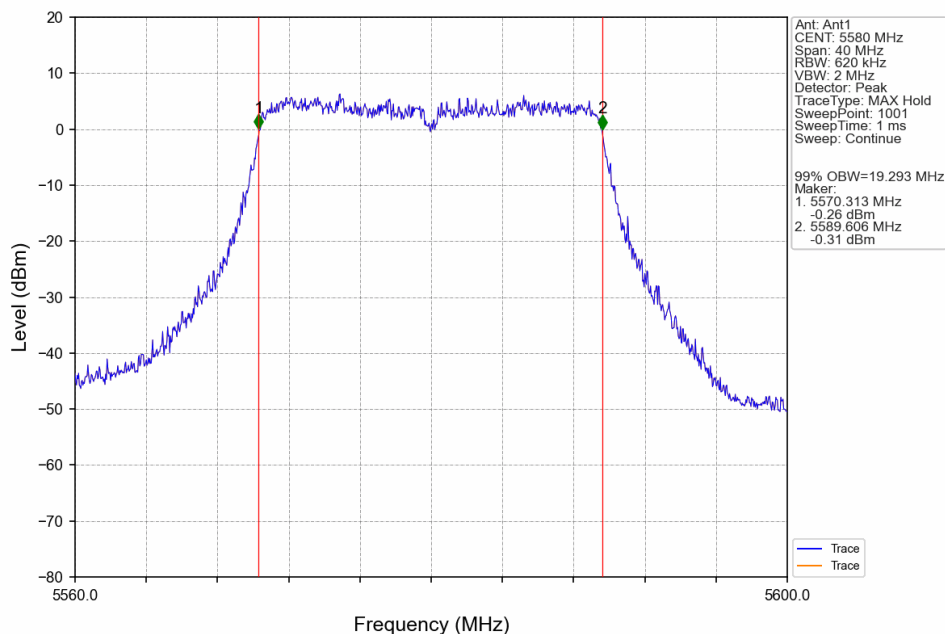
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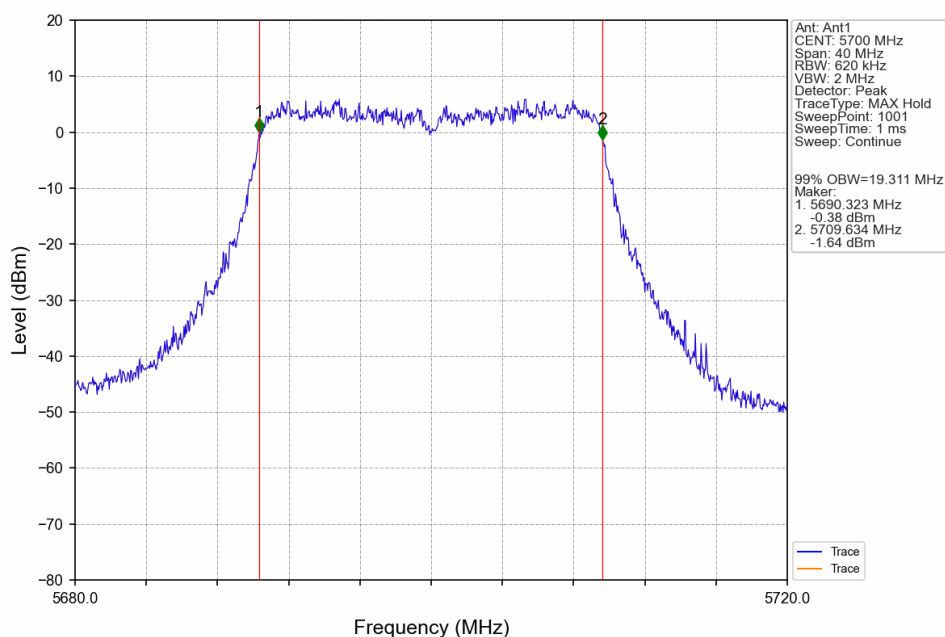
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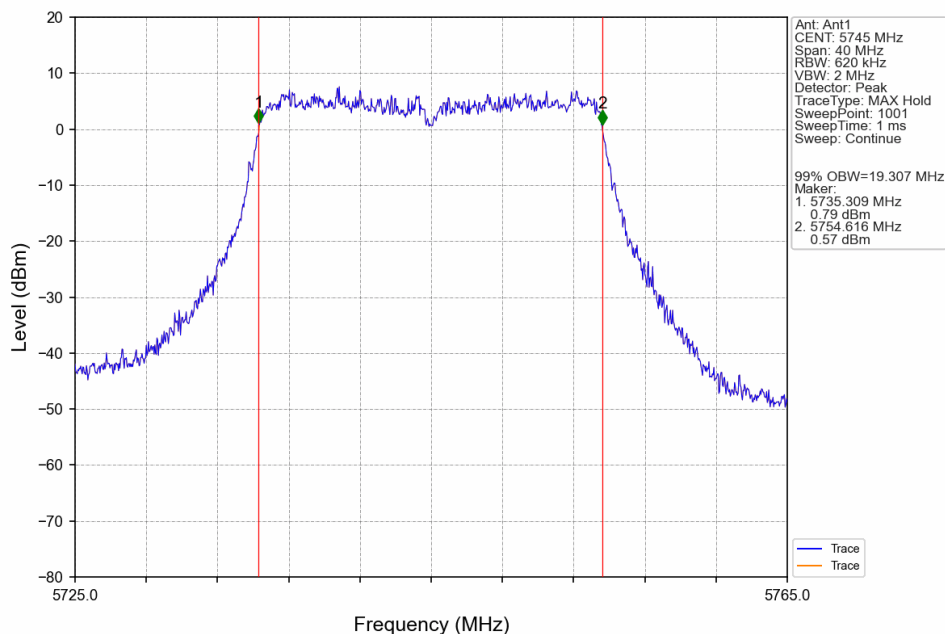
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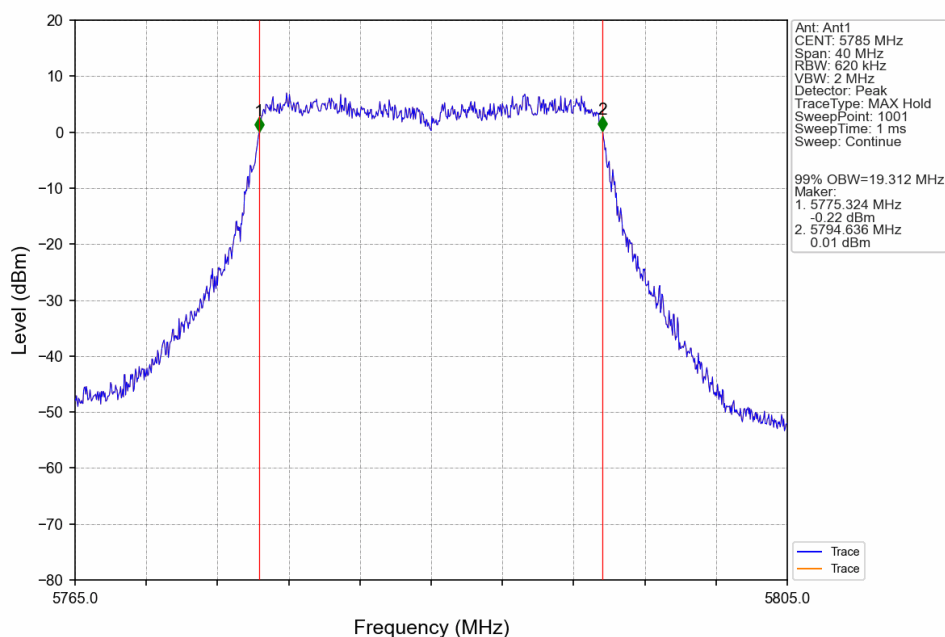
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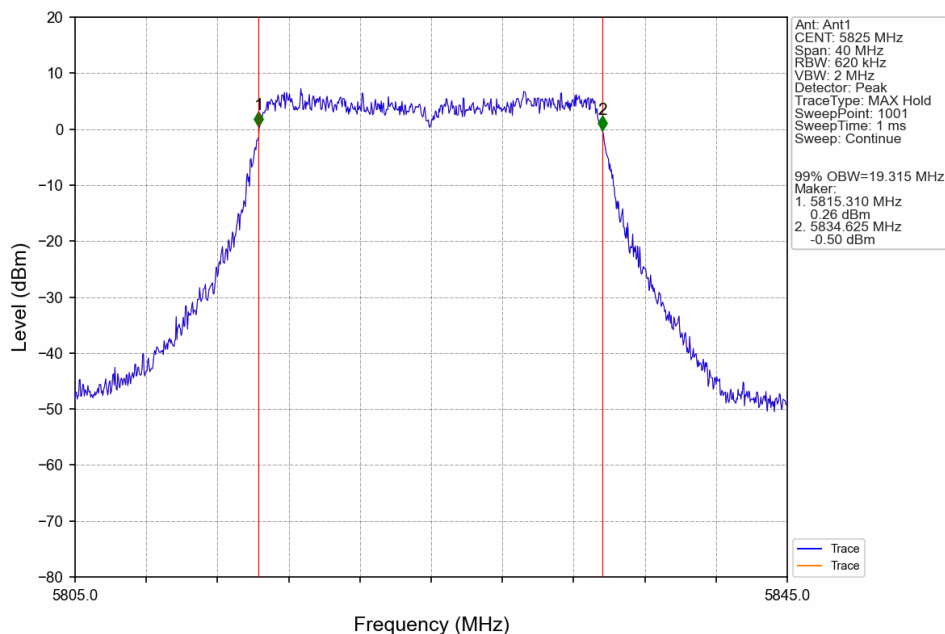
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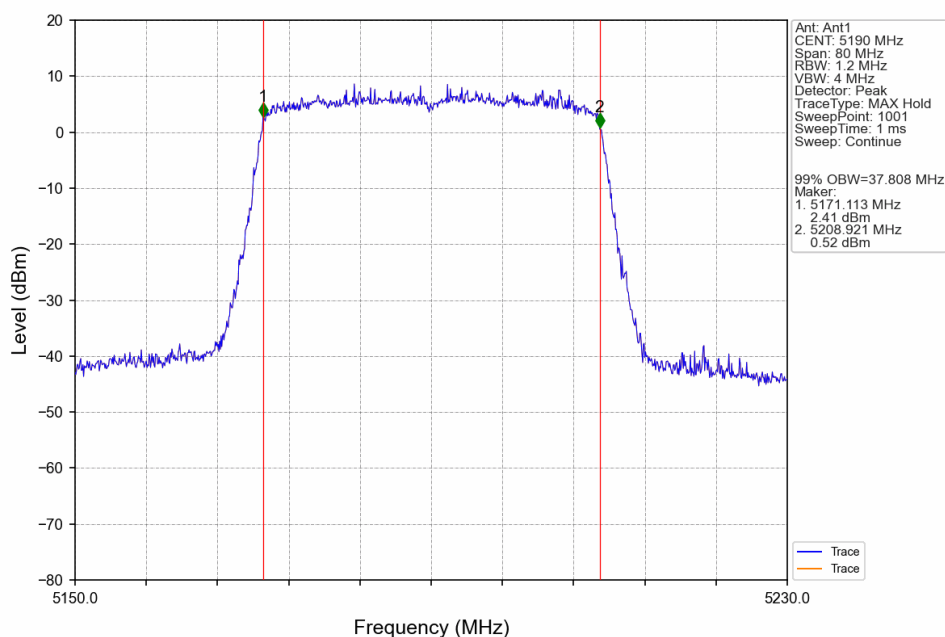
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802.11ax(HEW20)_HCH_5825MHz_RU242_Left_Ant1_NTNV



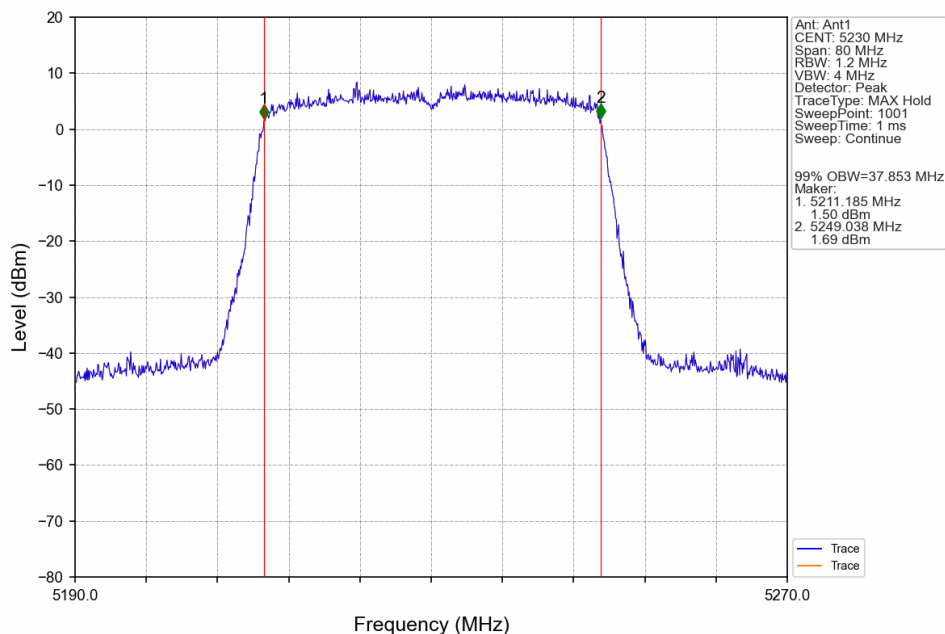
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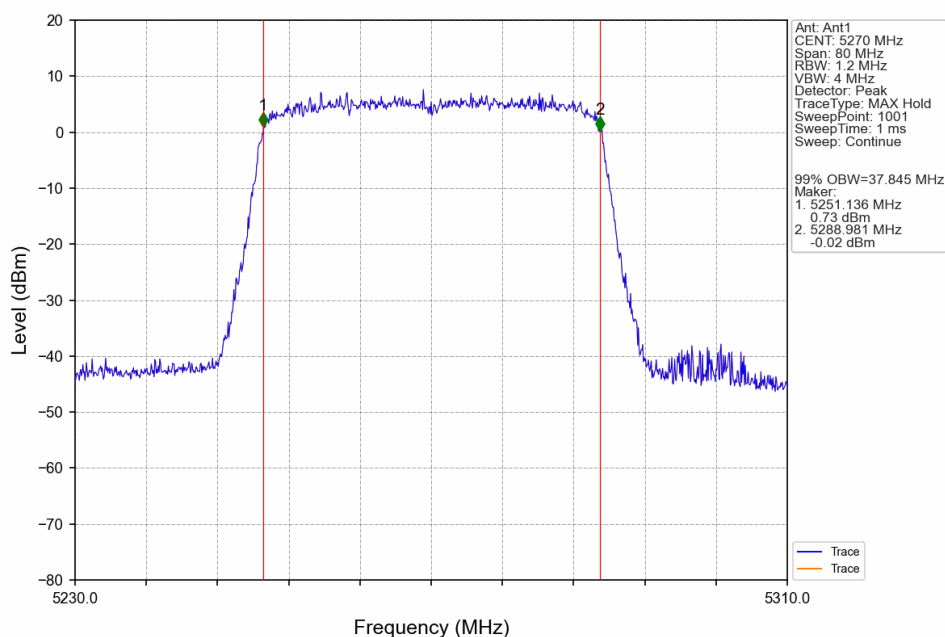
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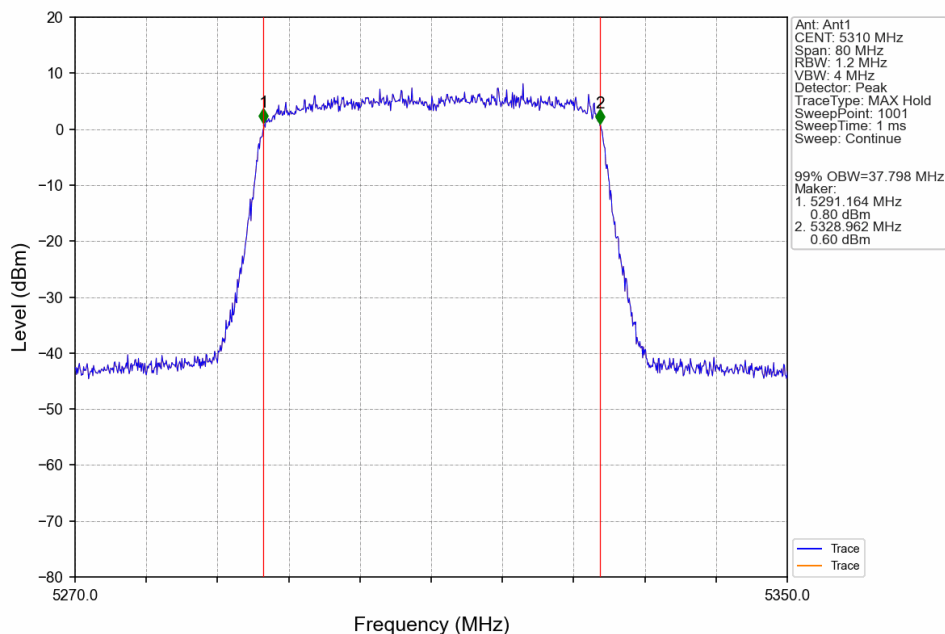
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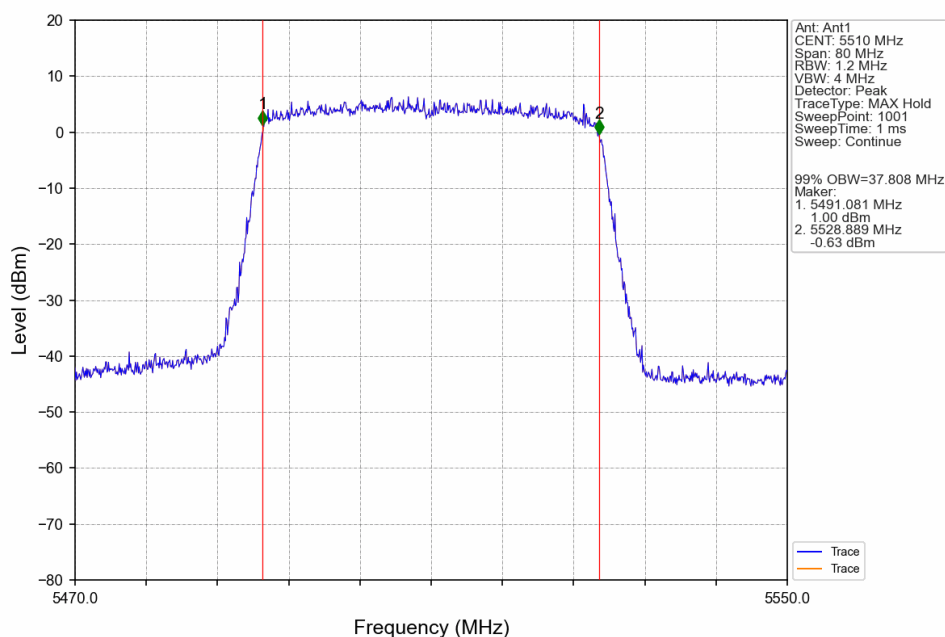
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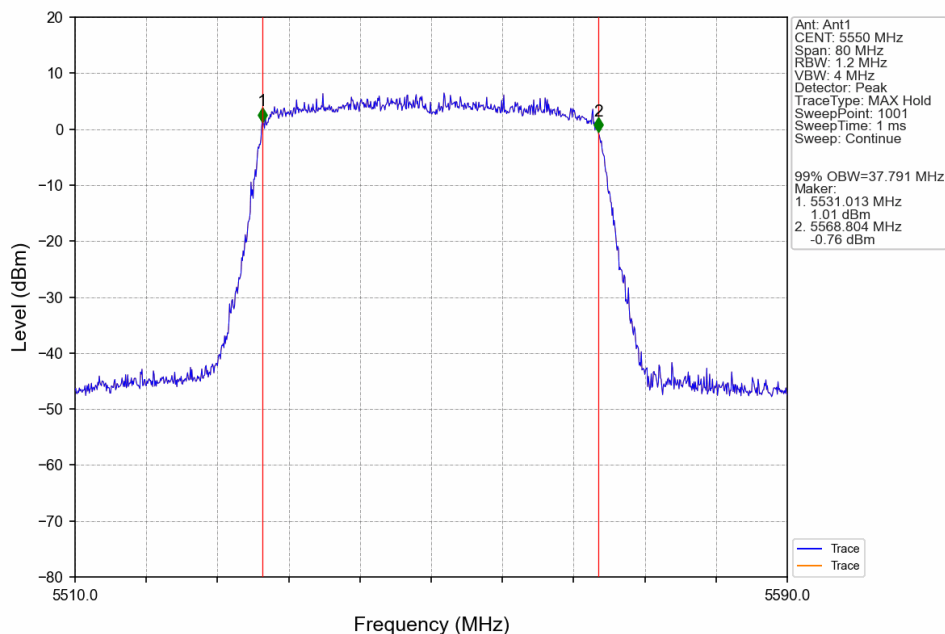
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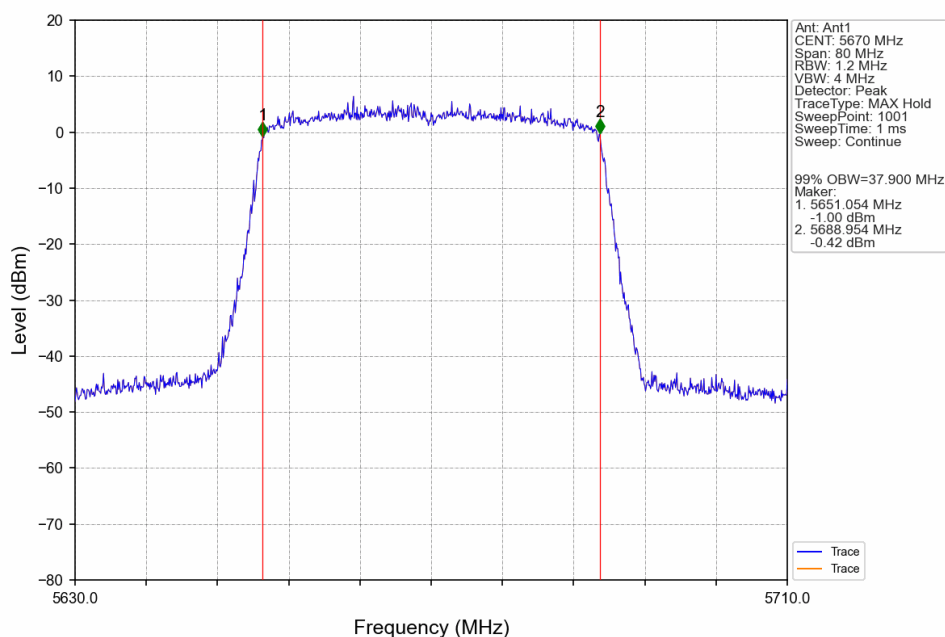
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802.11ax(HEW40)_MCH_5550MHz_RU484_Left_Ant1_NTNV



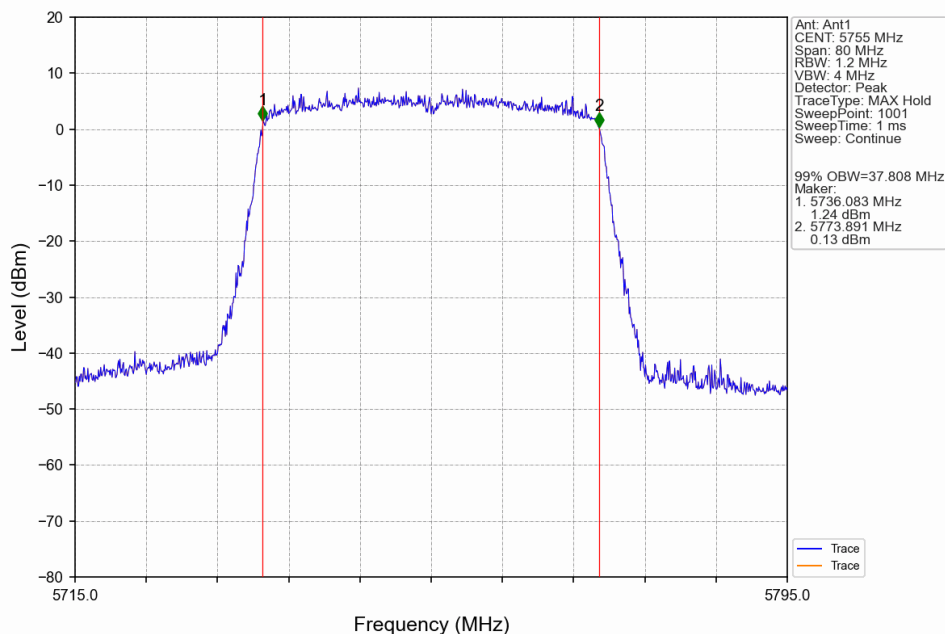
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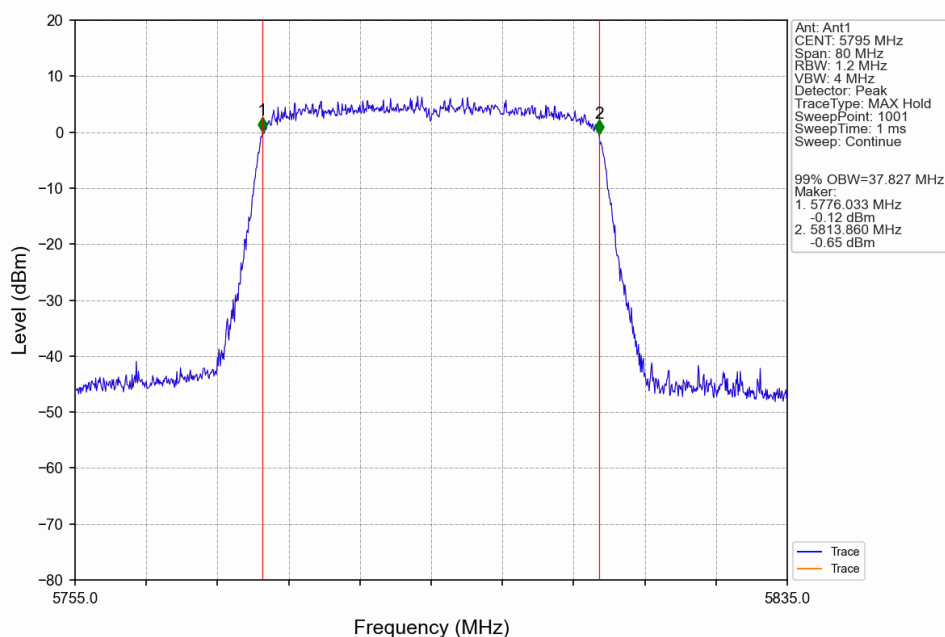
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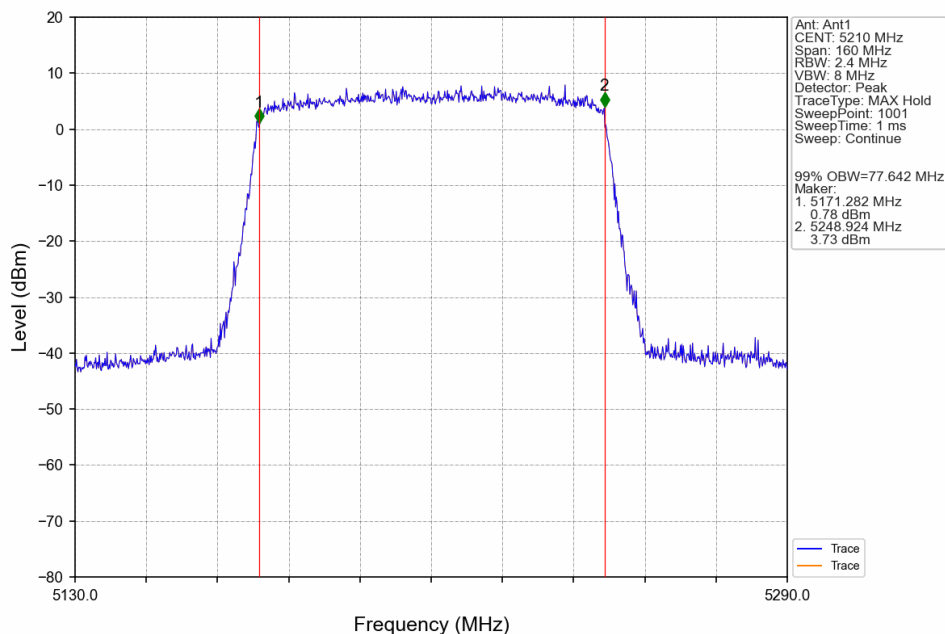
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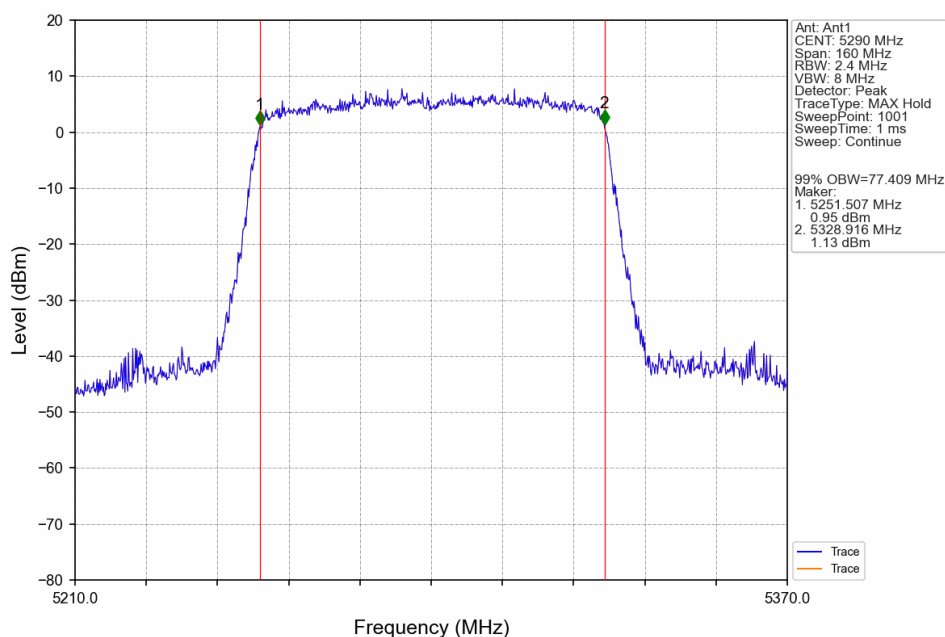
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802.11ax(HEW80)_MCH_5210MHz_RU996_Left_Ant1_NTNV



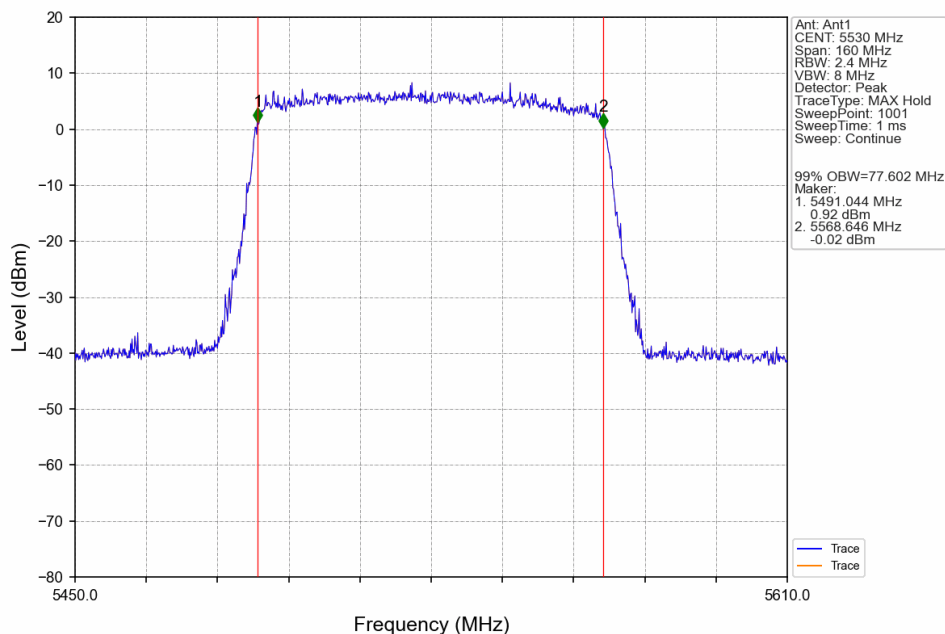
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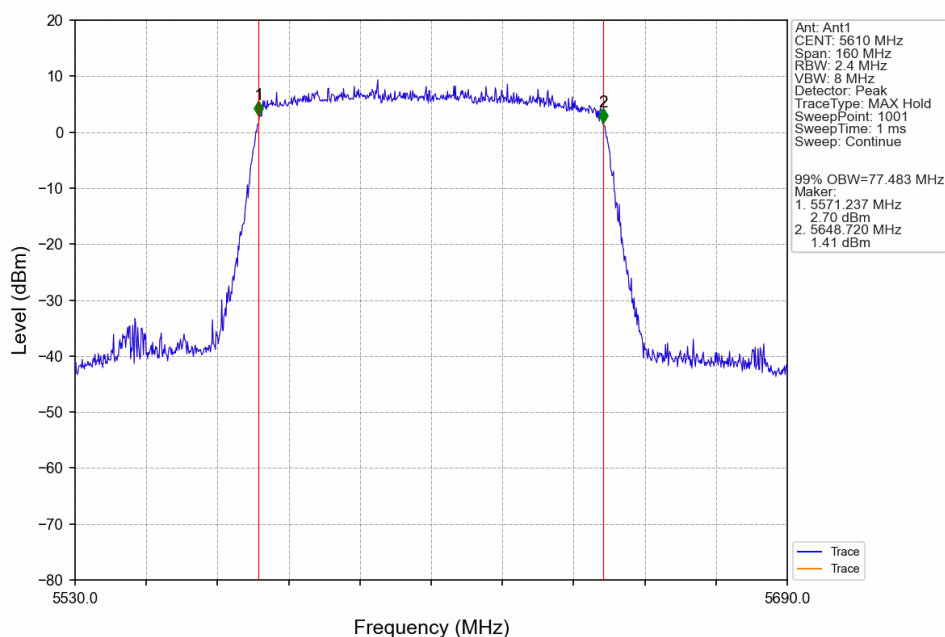
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802.11ax(HEW80)_HCH_5610MHz_RU996_Left_Ant1_NTNV



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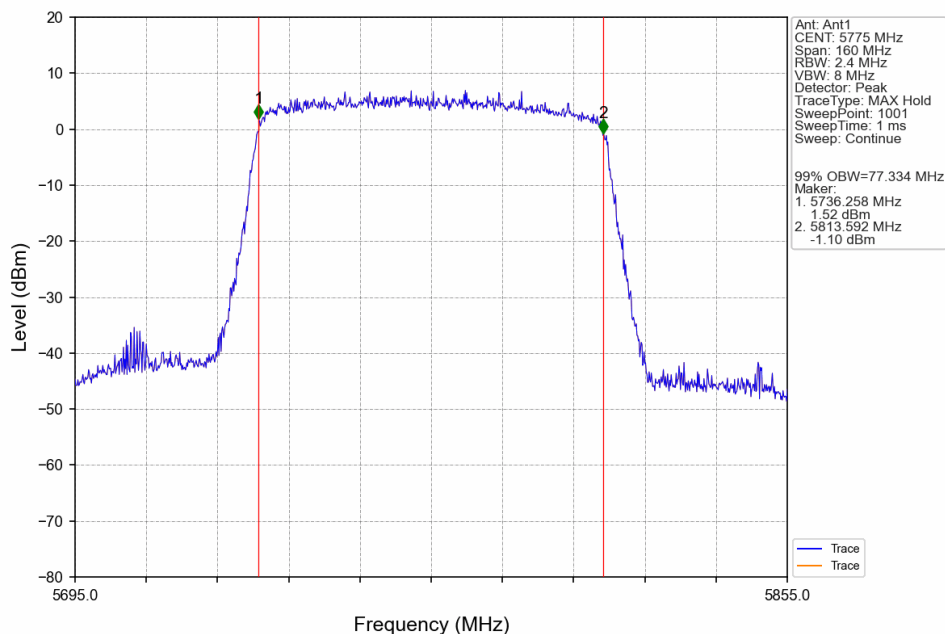
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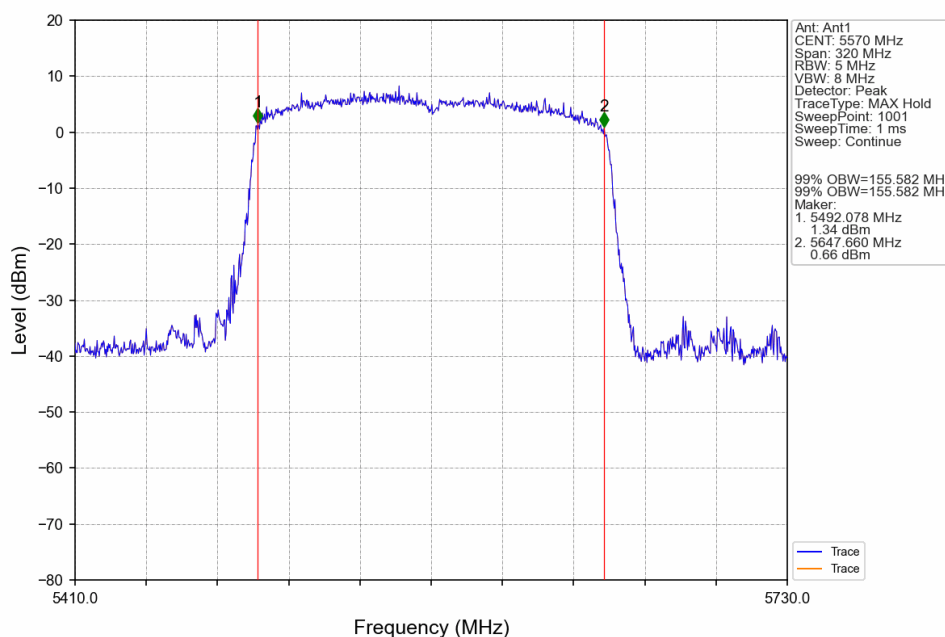
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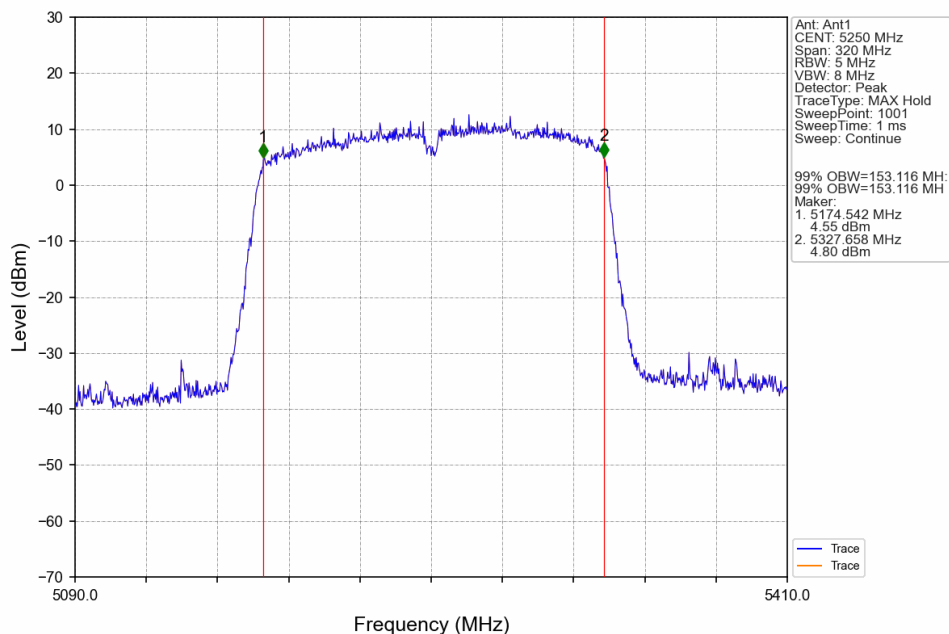
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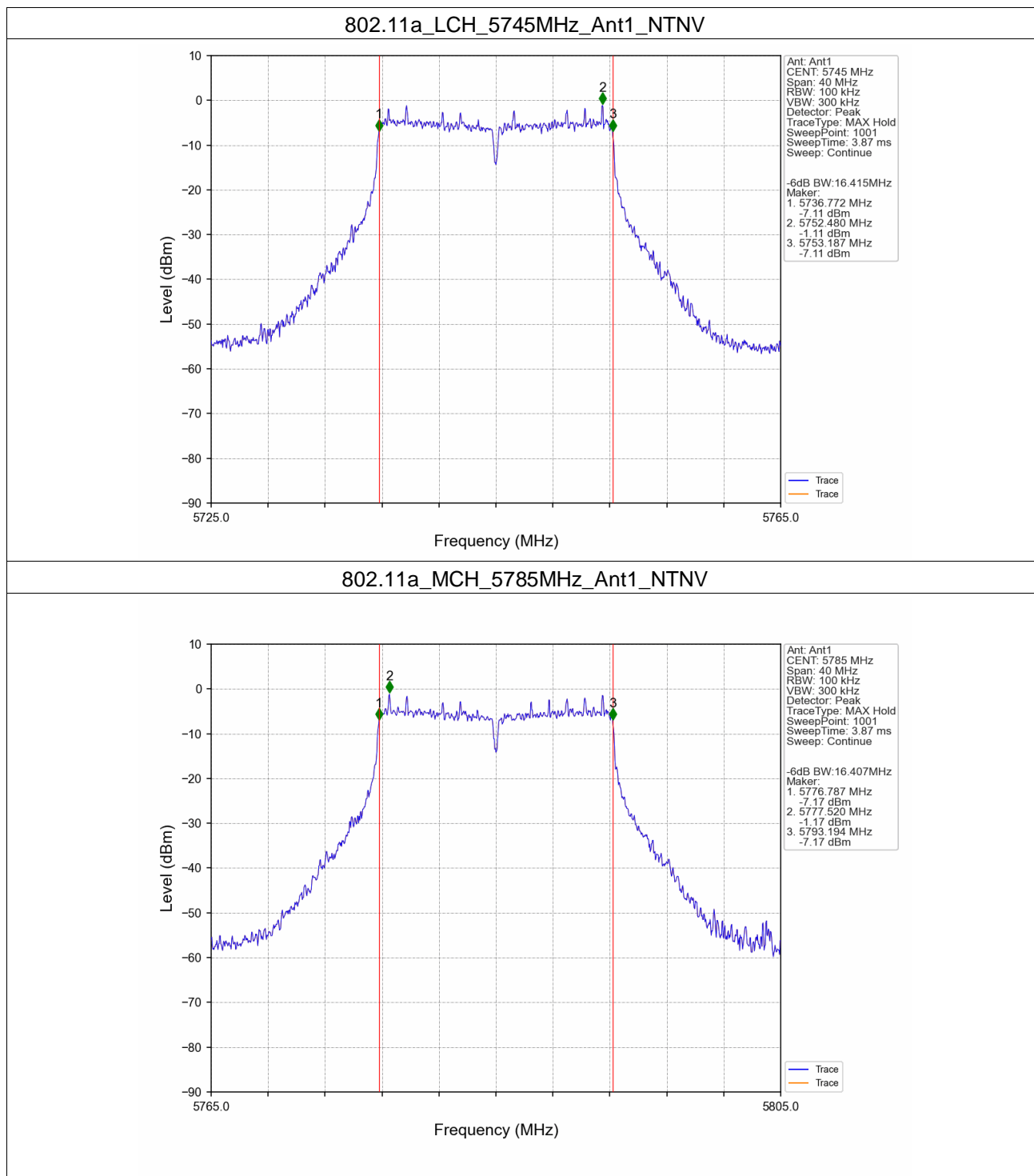
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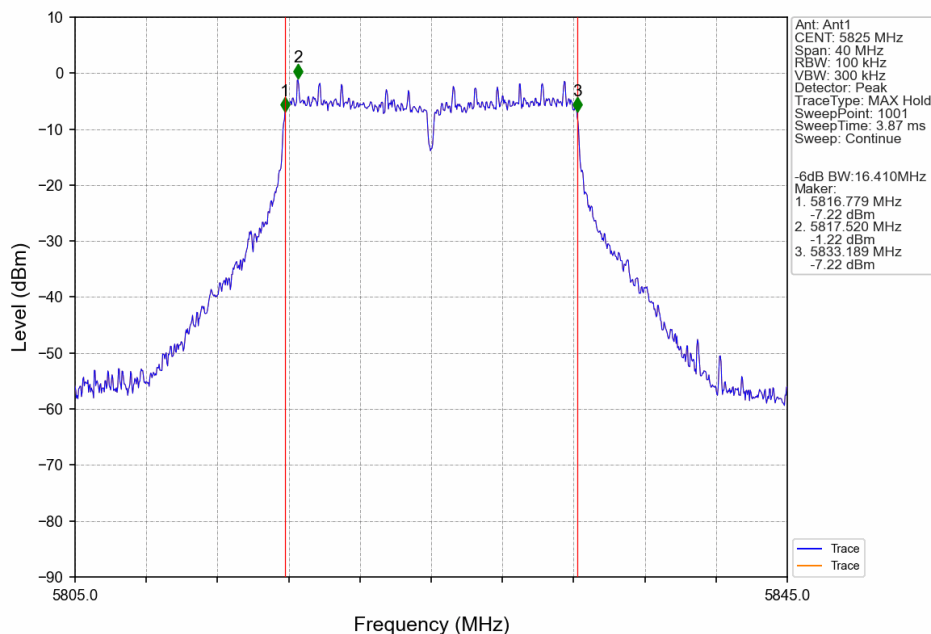
2.2.2 6dB BW



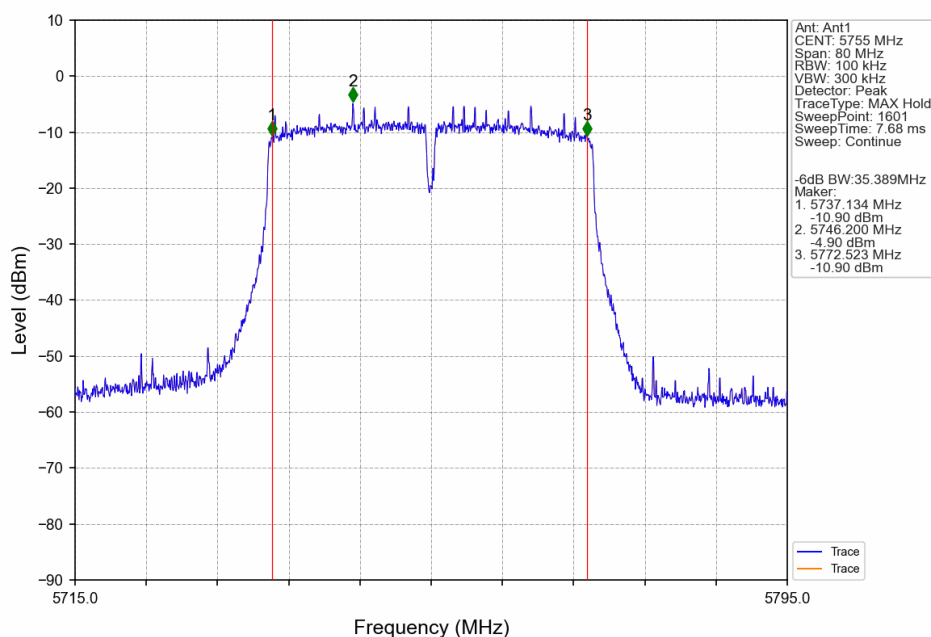
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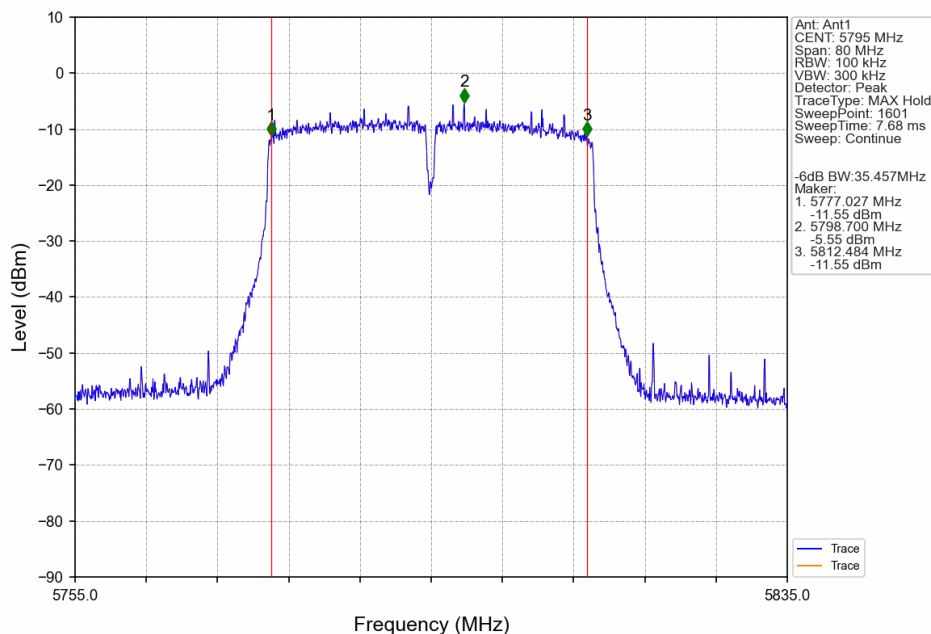
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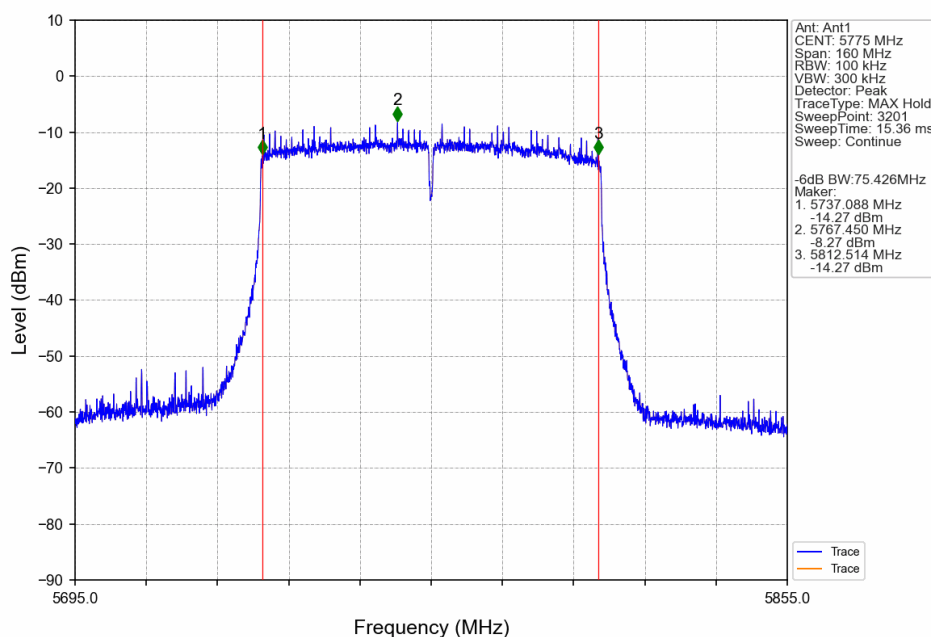
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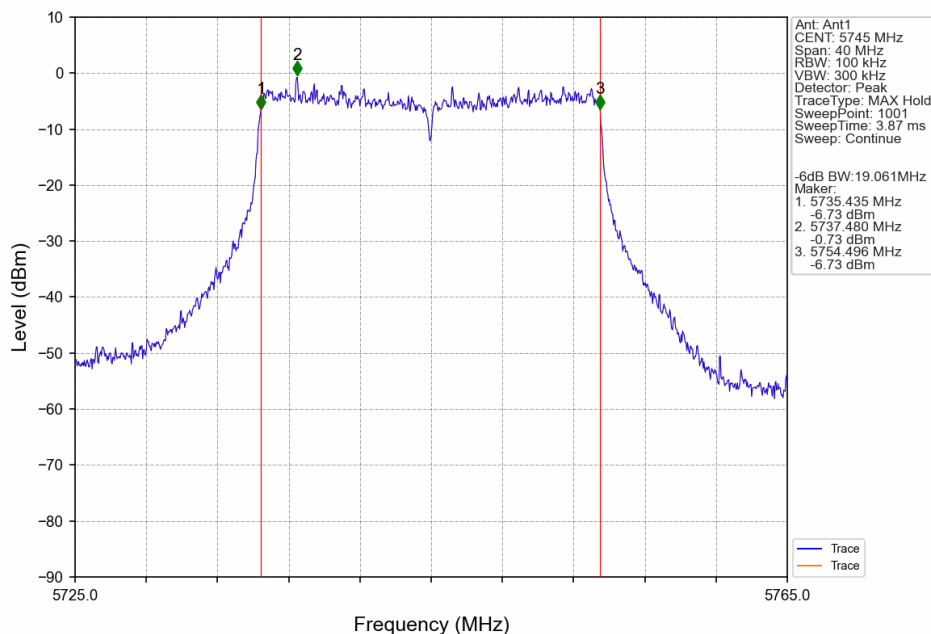
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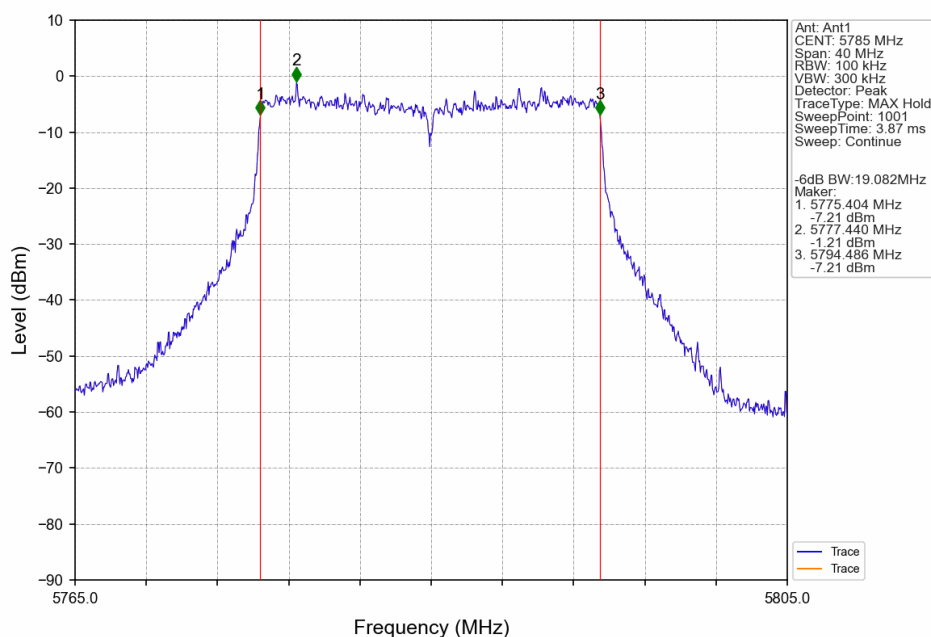
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802.11ax(HEW20)_LCH_5745MHz_RU242_Left_Ant1_NTNV



802.11ax(HEW20)_MCH_5785MHz_RU242_Left_Ant1_NTNV



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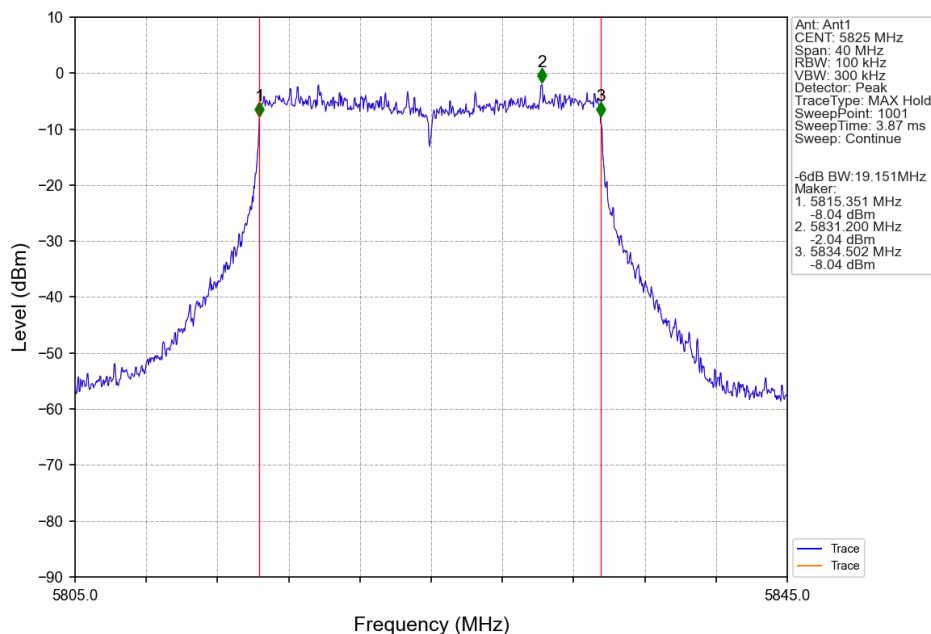
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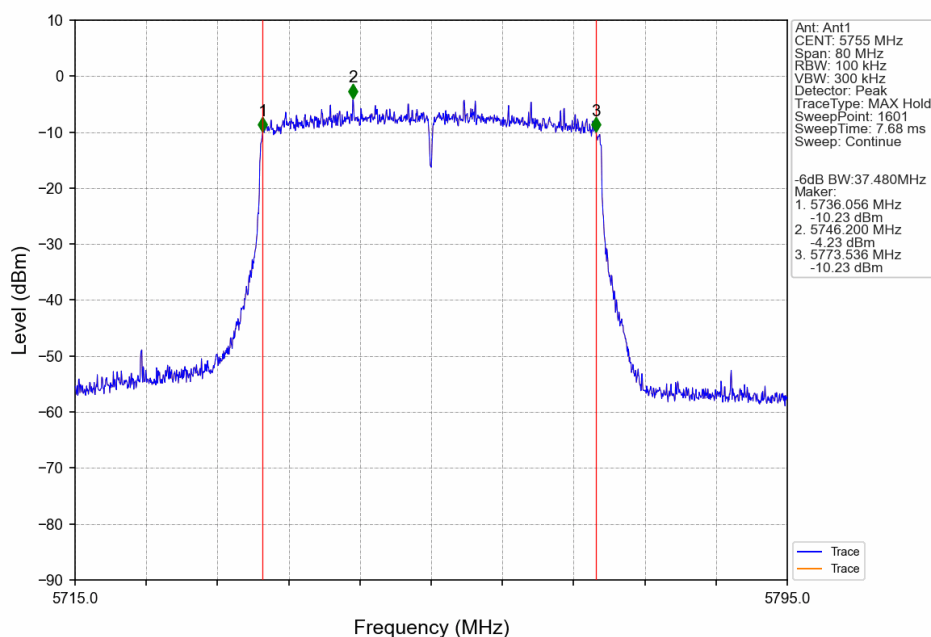
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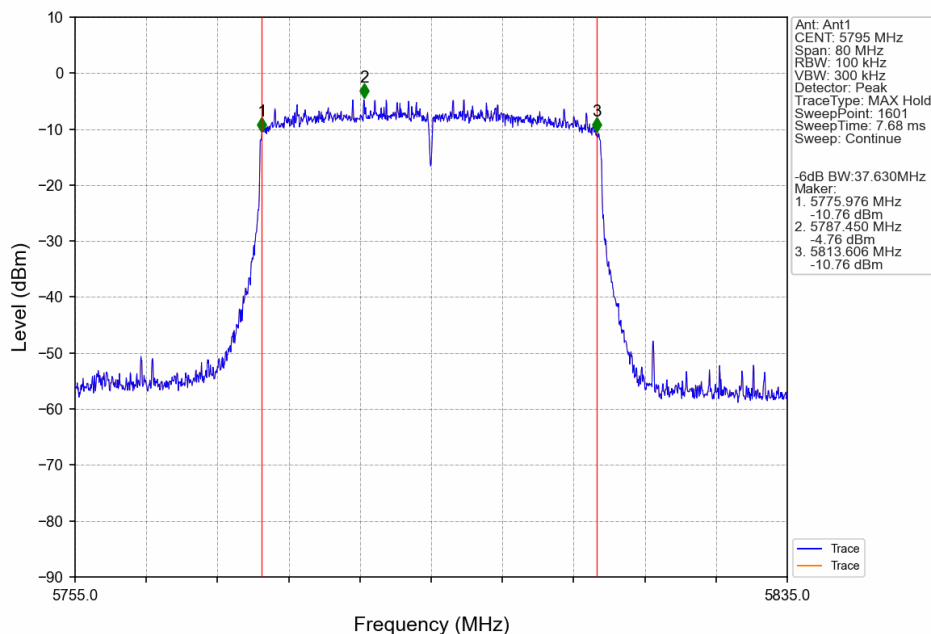
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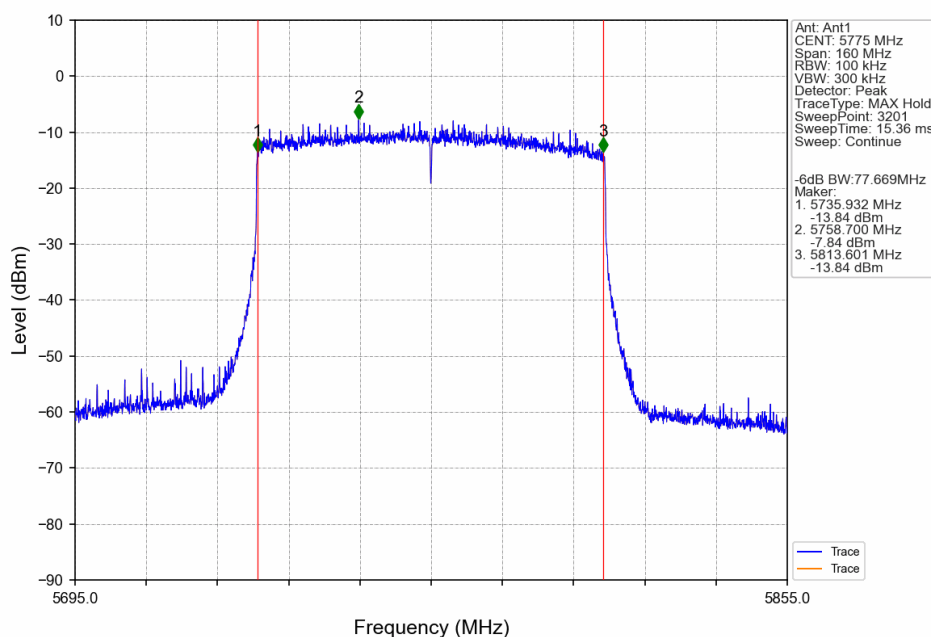
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802.11ax(HEW40)_HCH_5795MHz_RU484_Left_Ant1_NTNV



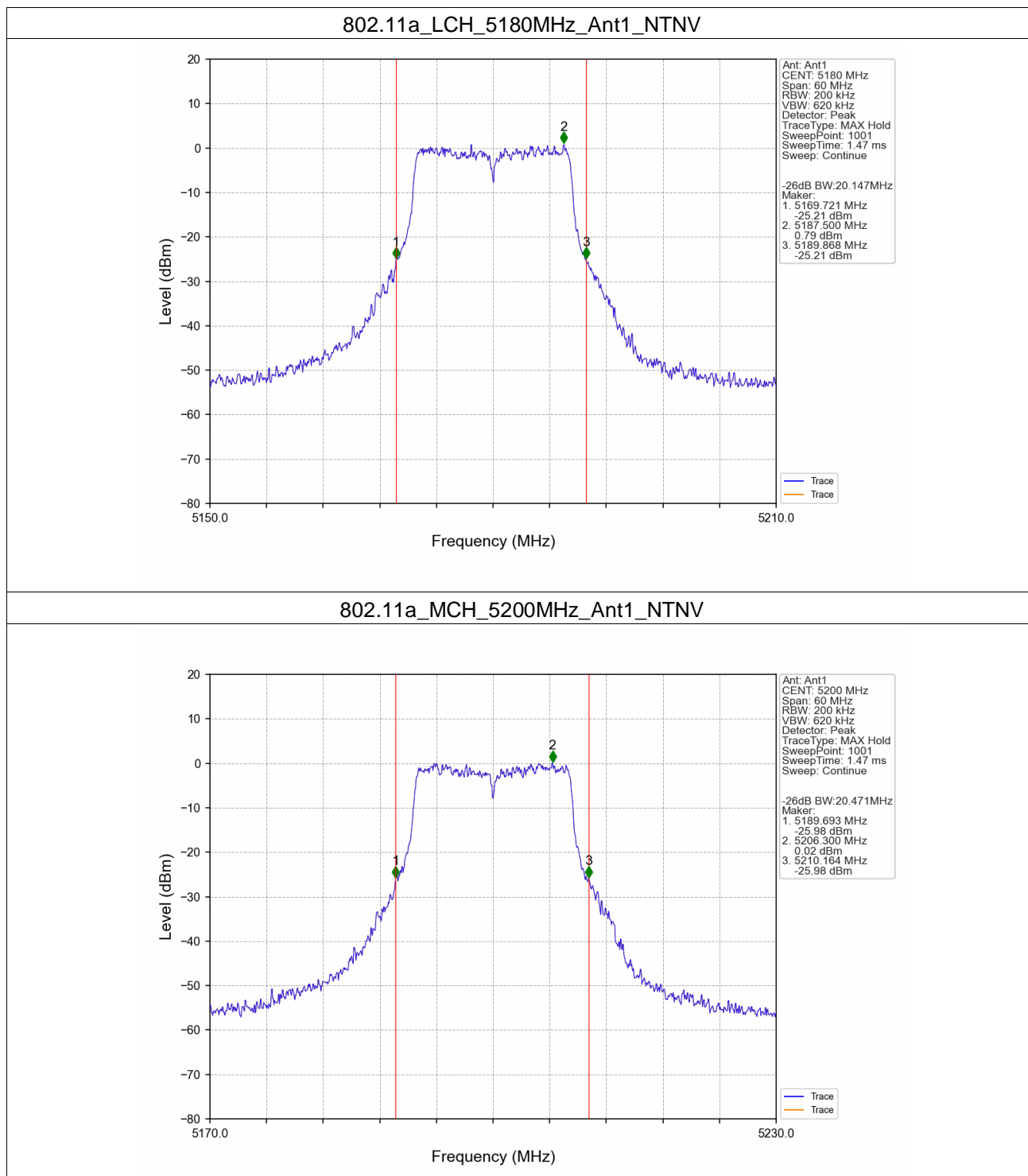
802.11ax(HEW80)_MCH_5775MHz_RU996_Left_Ant1_NTNV



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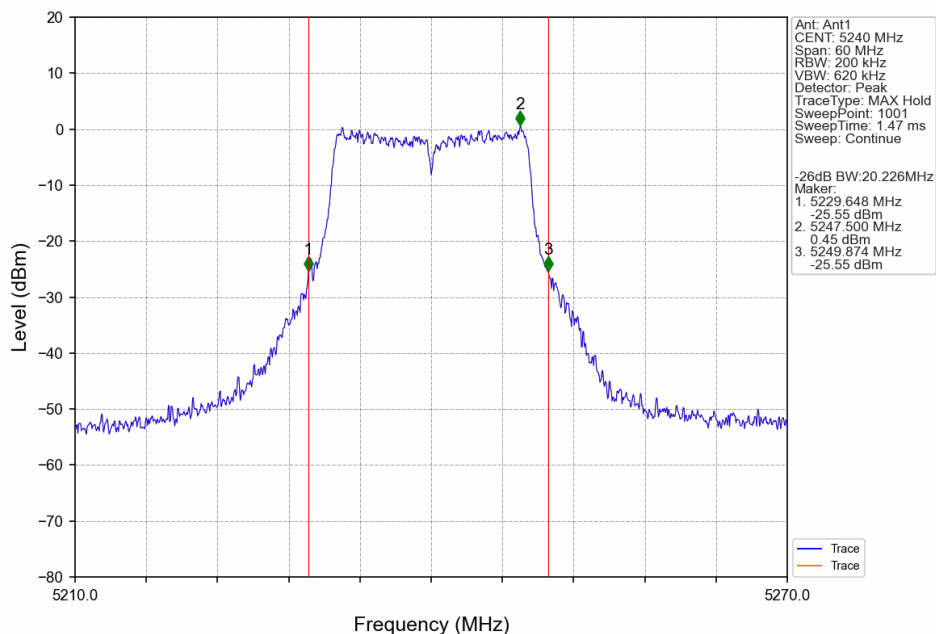
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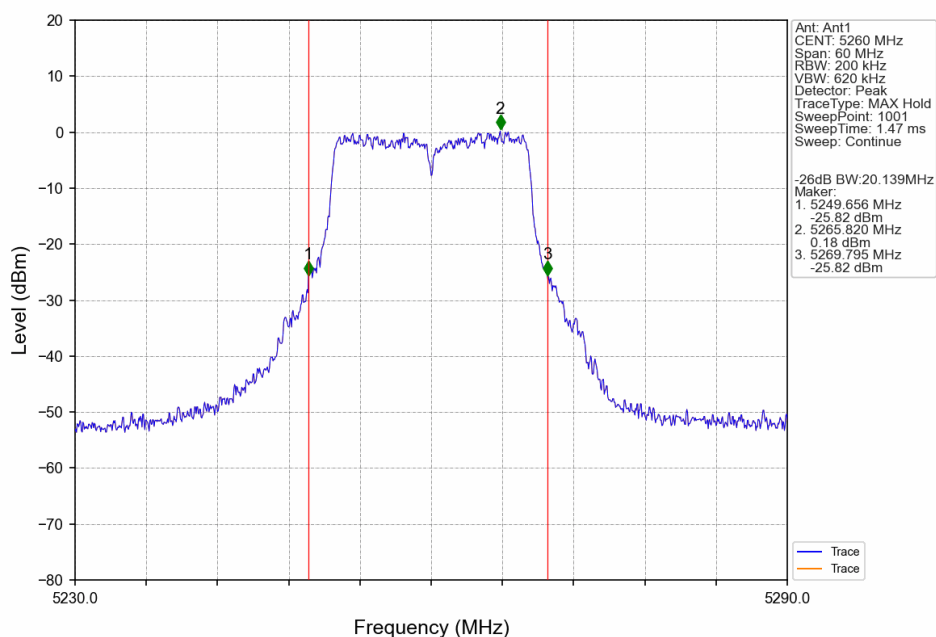
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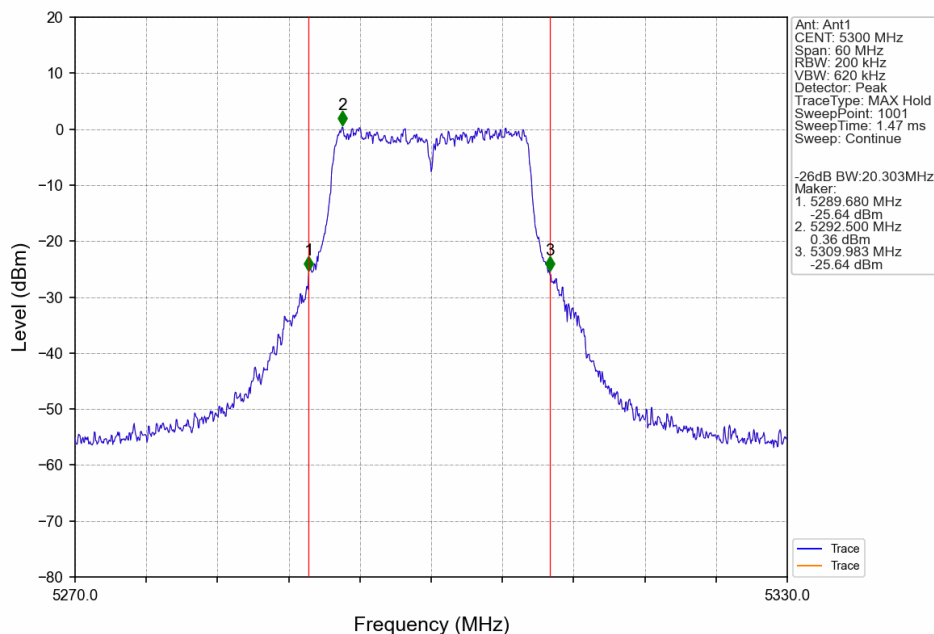
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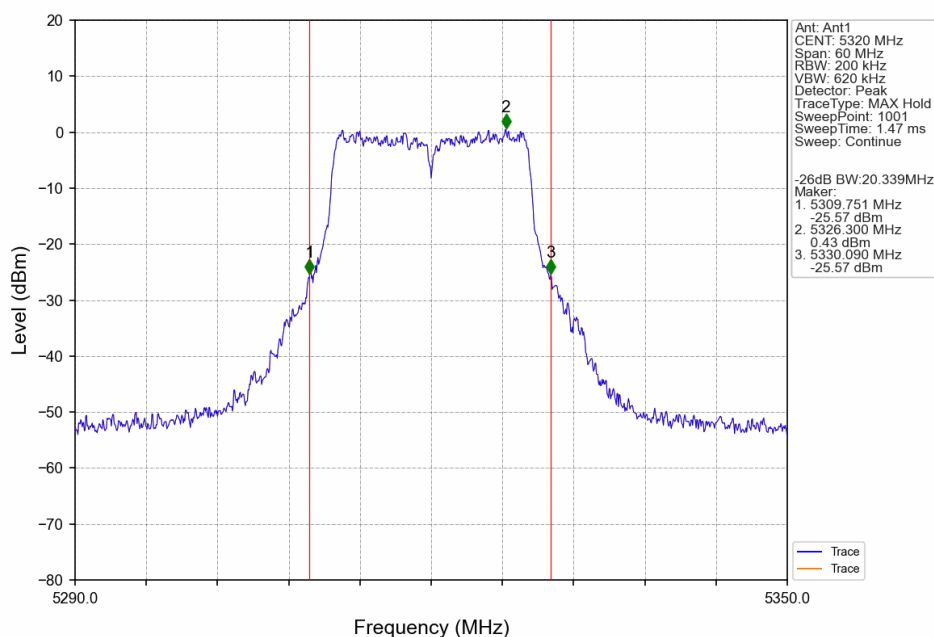
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802.11a_HCH_5320MHz_Ant1_NTNV



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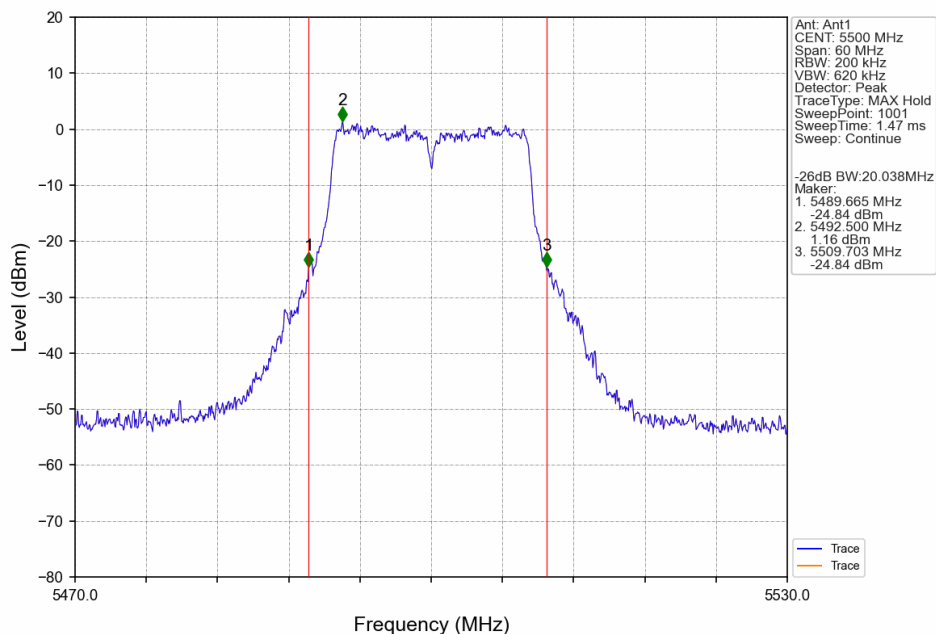
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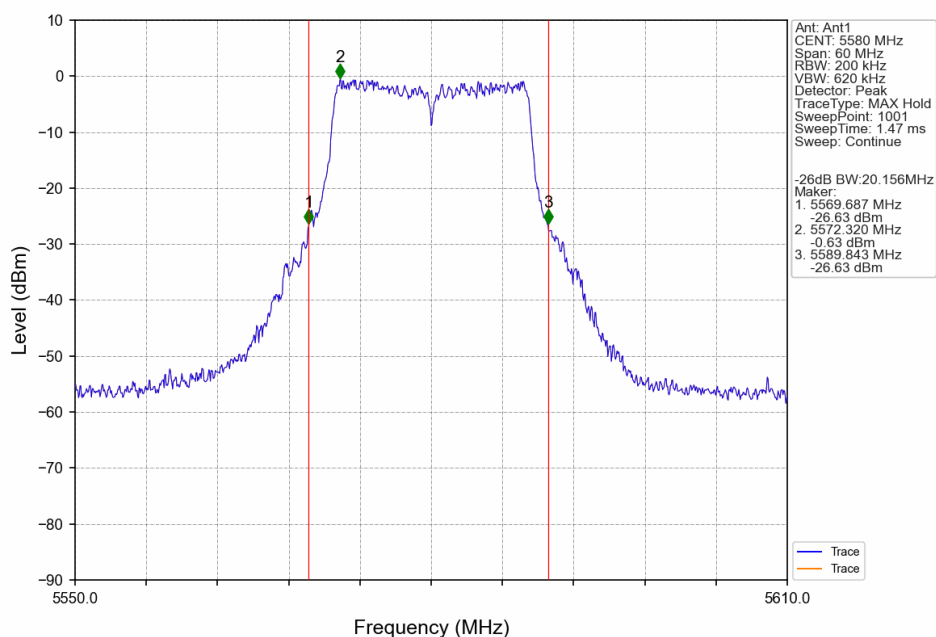
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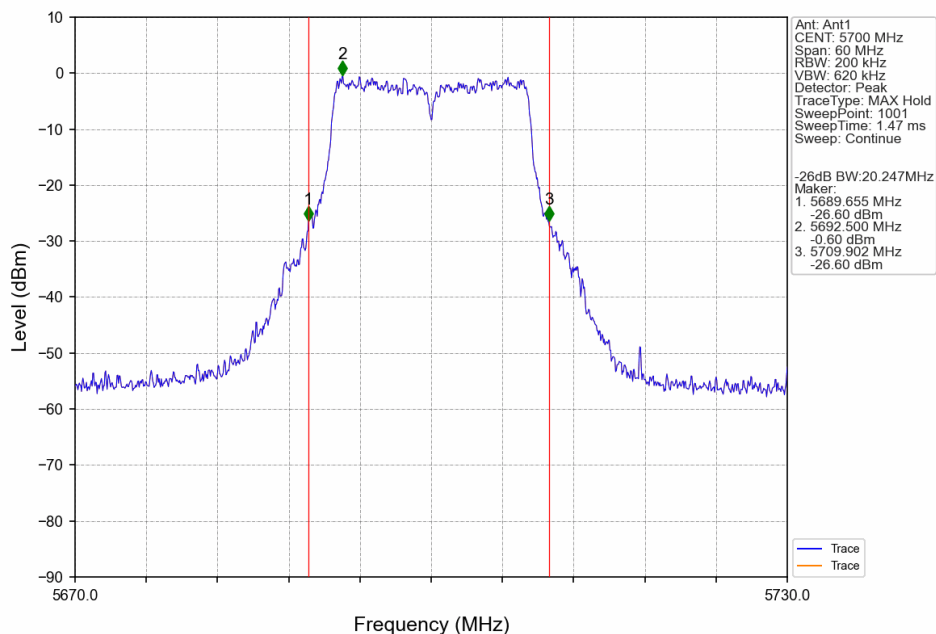
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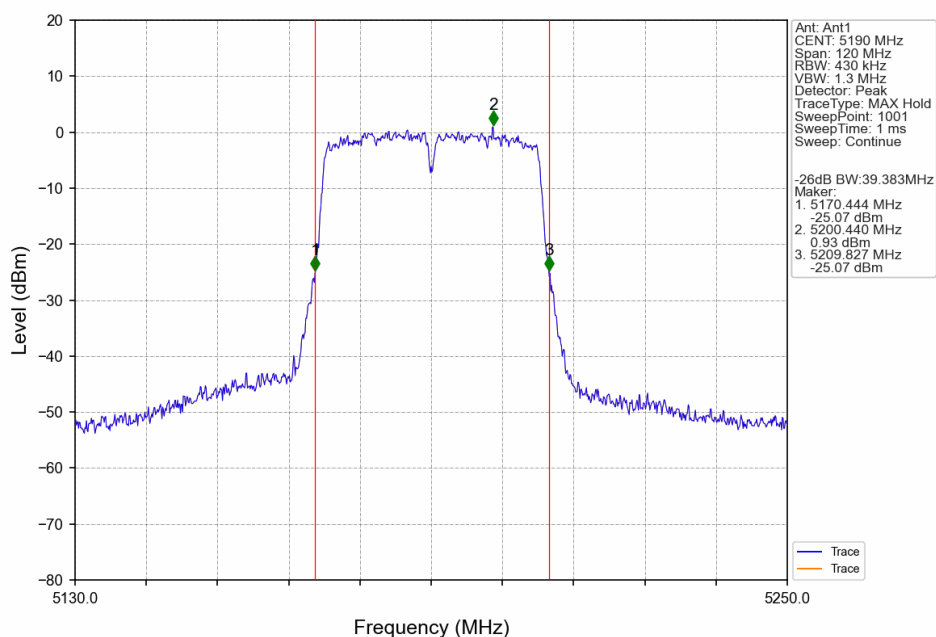
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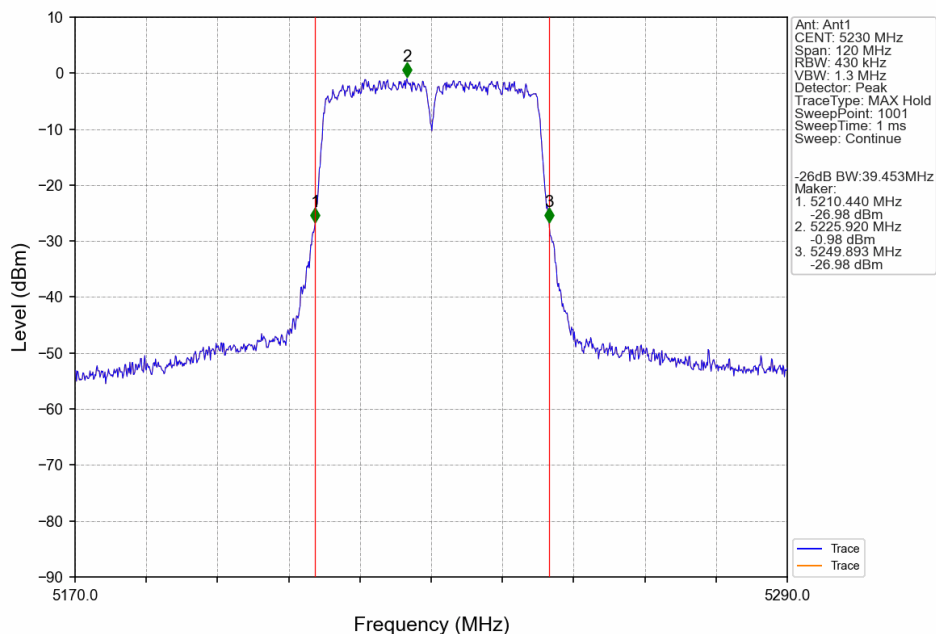
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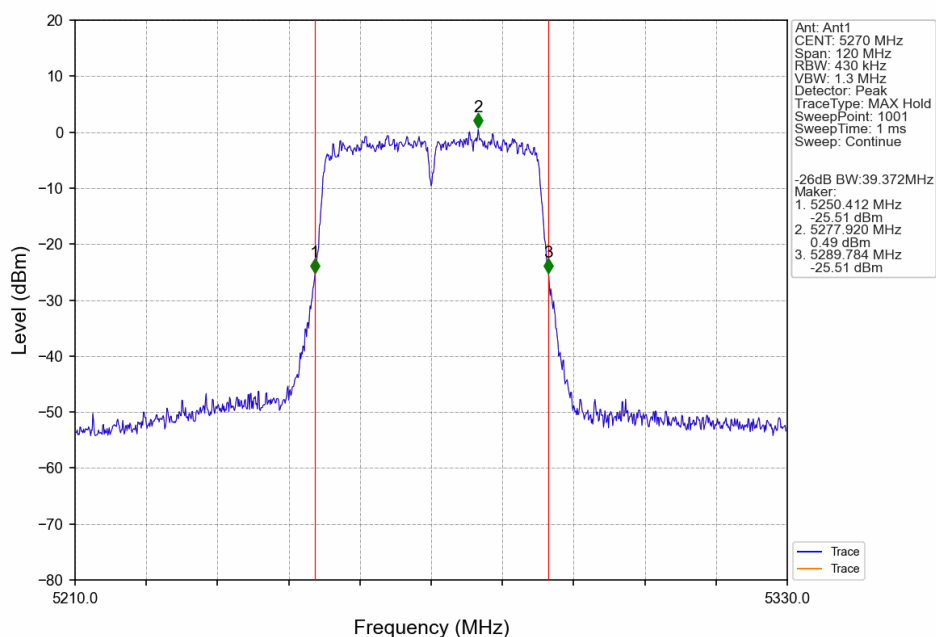
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802.11n(HT40)_HCH_5230MHz_Ant1_NTNV



802.11n(HT40)_LCH_5270MHz_Ant1_NTNV



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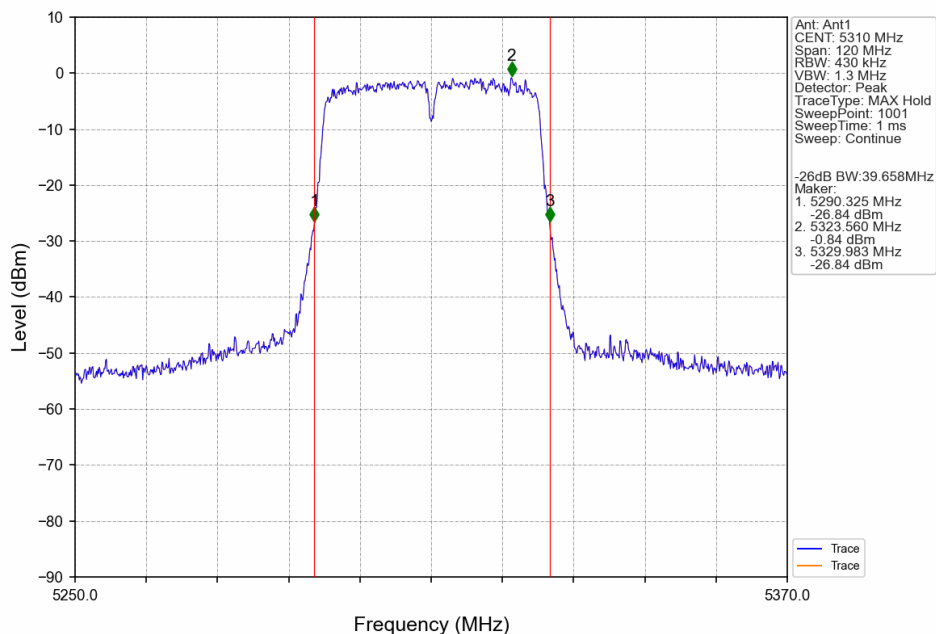
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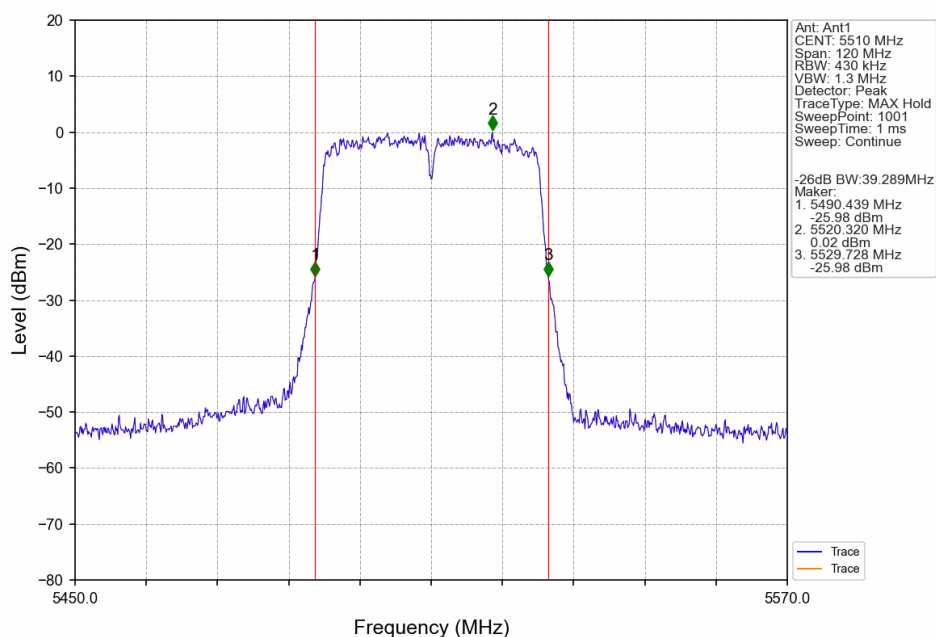
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