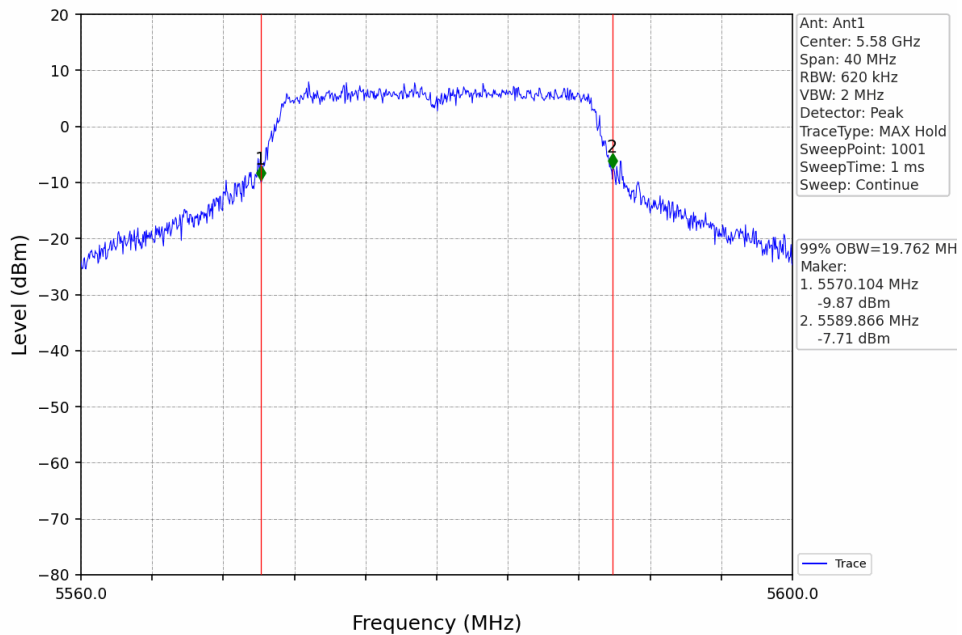
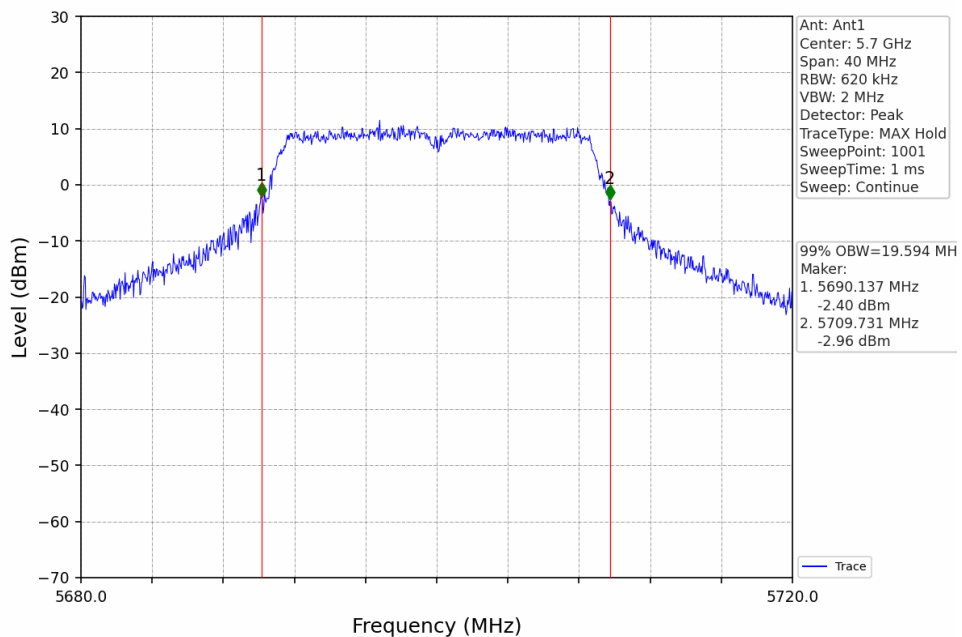


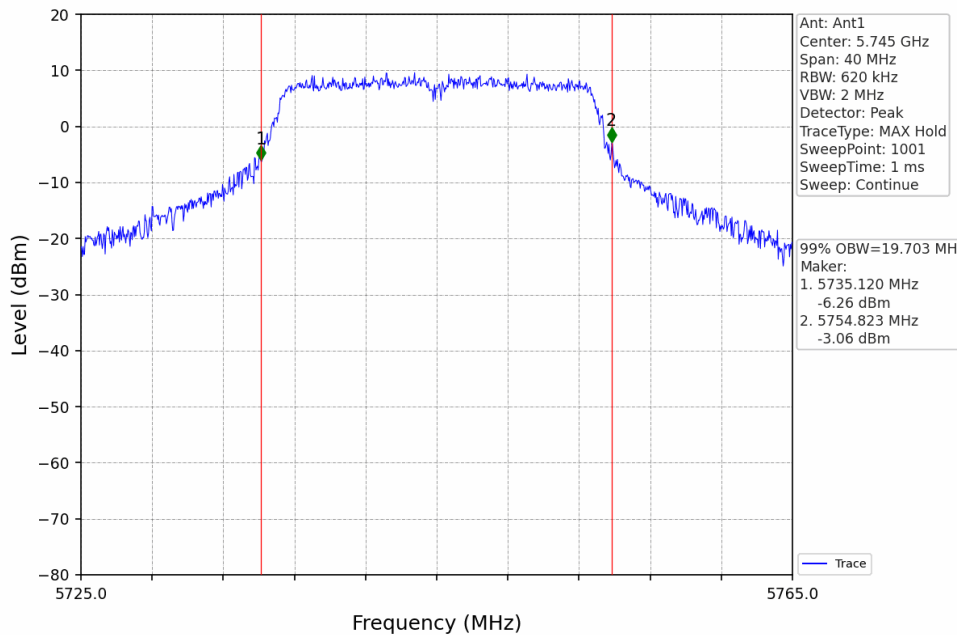
802.11ac(VHT20)\_MCH\_5580MHz\_Ant1\_NTNV



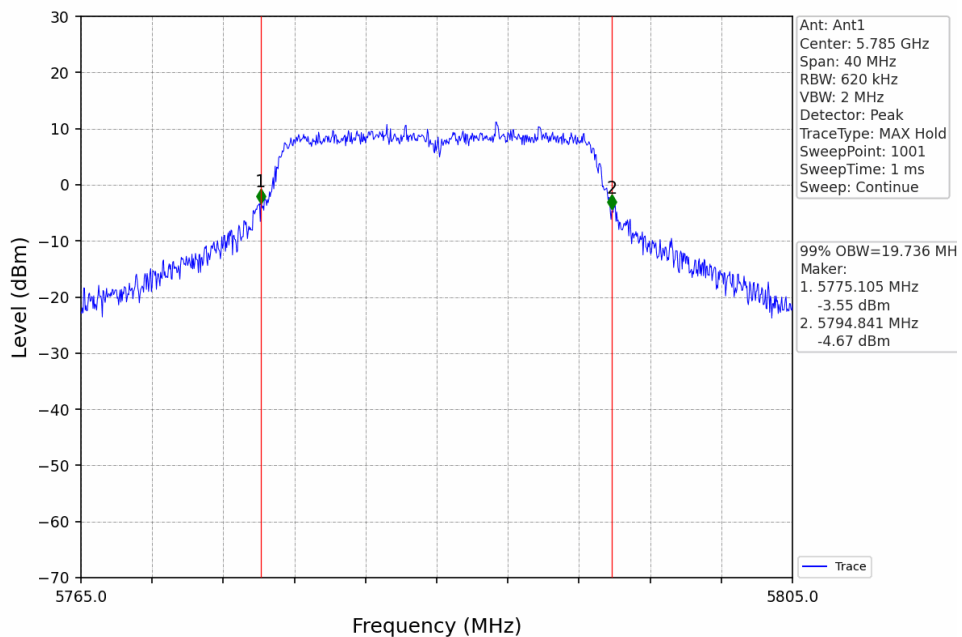
802.11ac(VHT20)\_HCH\_5700MHz\_Ant1\_NTNV



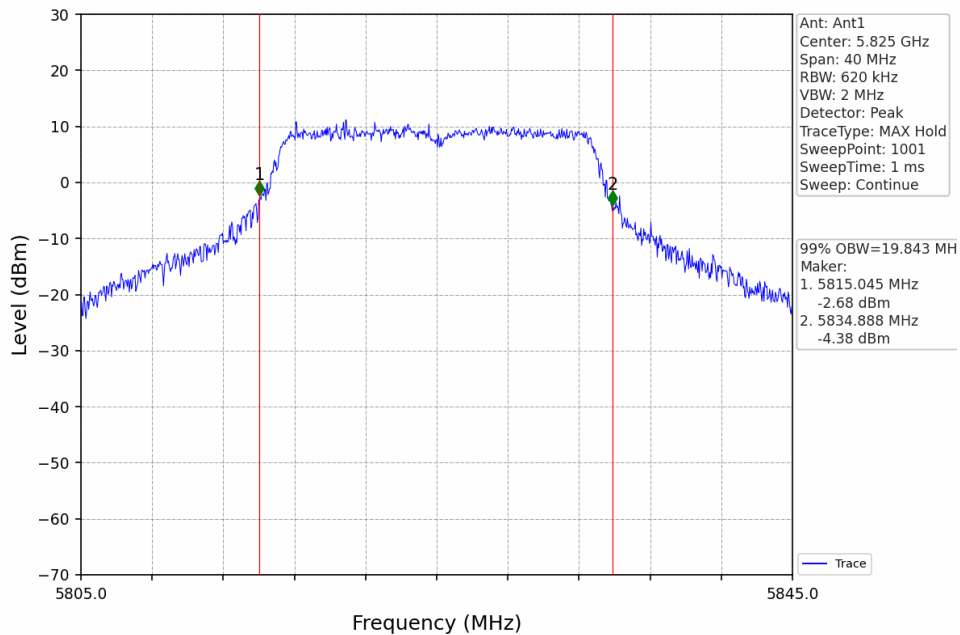
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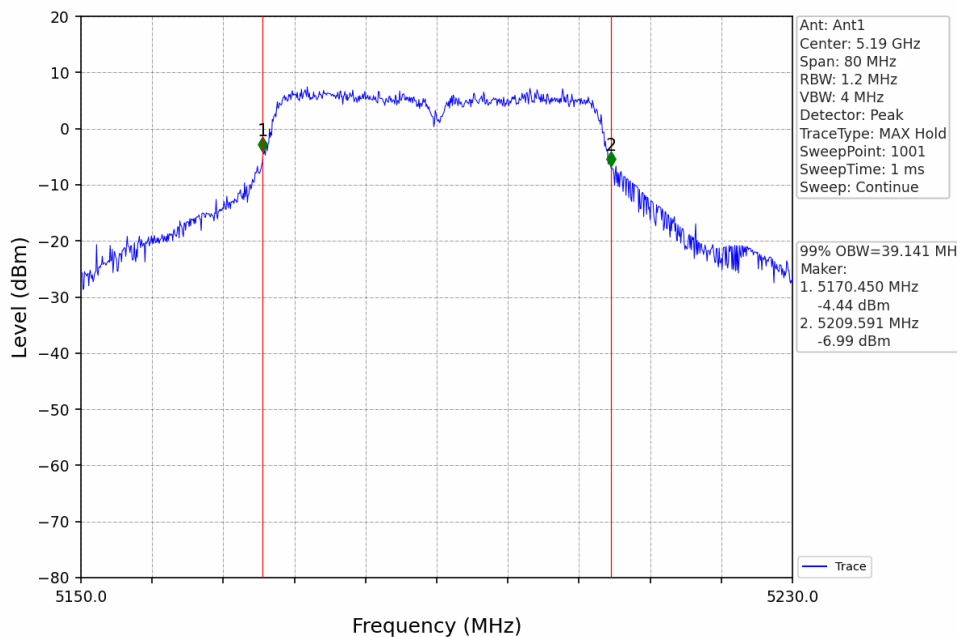
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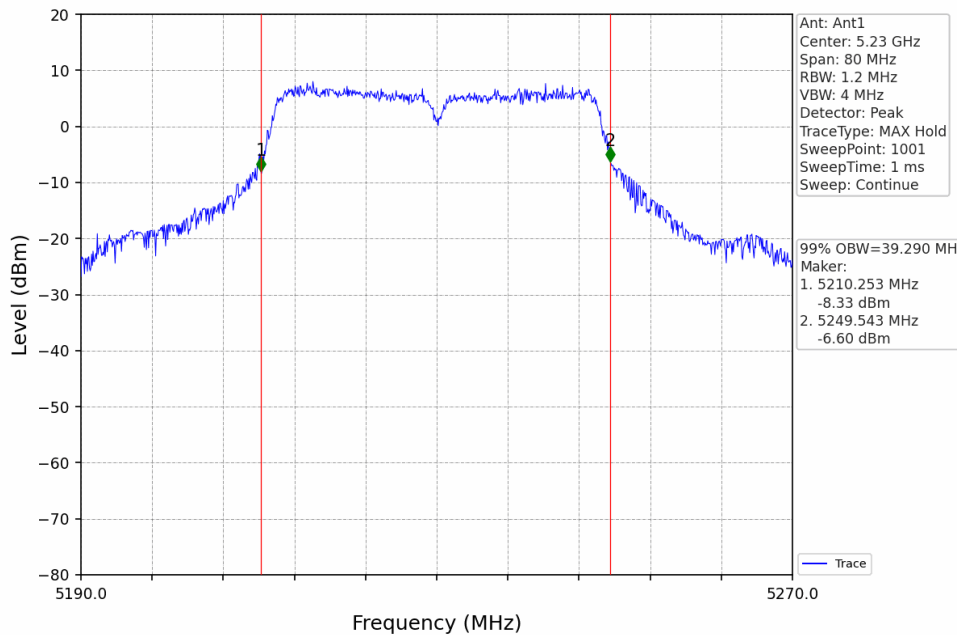
802.11ac(VHT20)\_HCH\_5825MHz\_Ant1\_NTNV



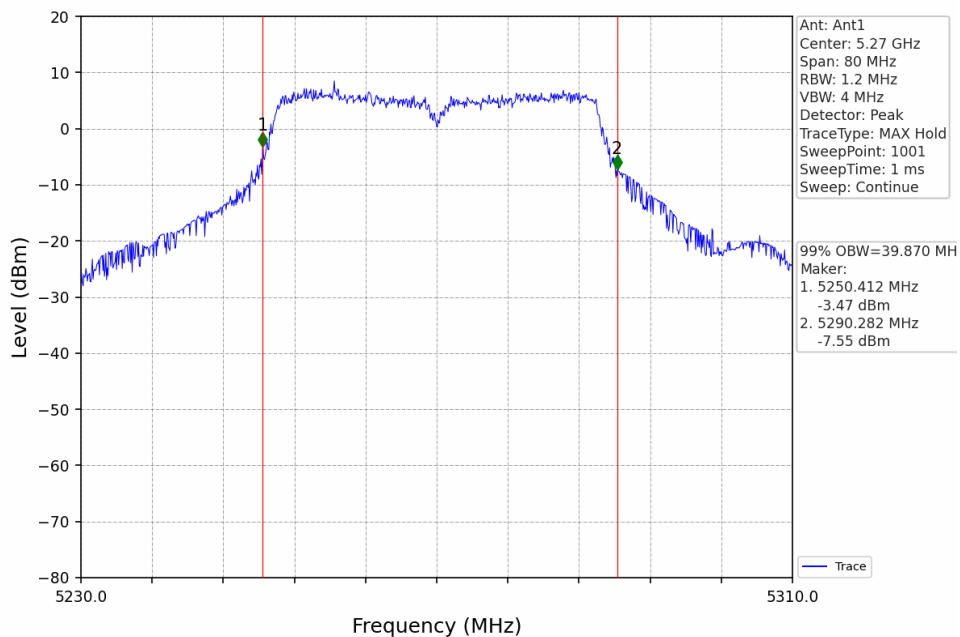
802.11ac(VHT40)\_LCH\_5190MHz\_Ant1\_NTNV



802.11ac(VHT40)\_HCH\_5230MHz\_Ant1\_NTNV

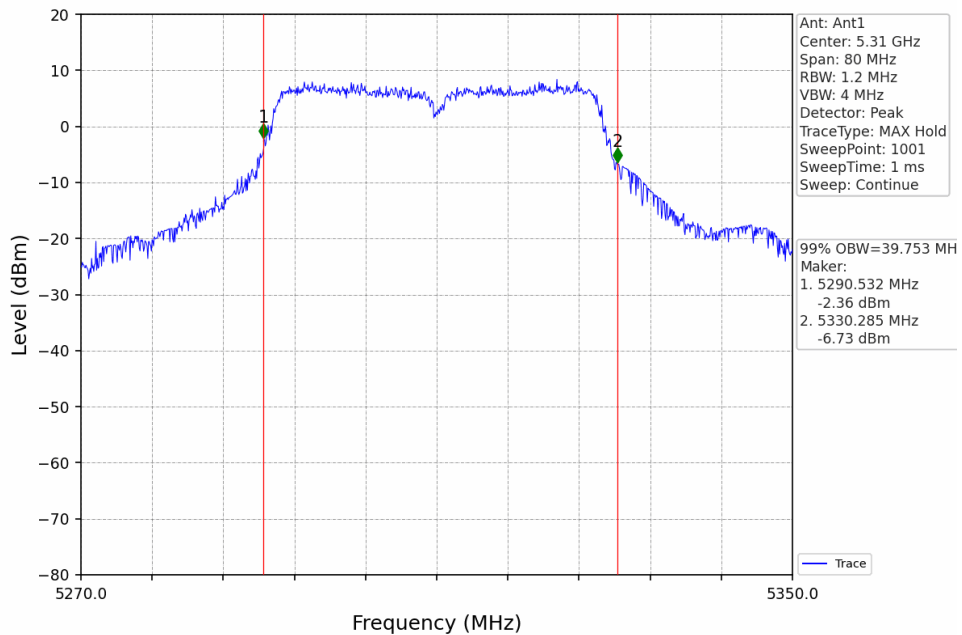


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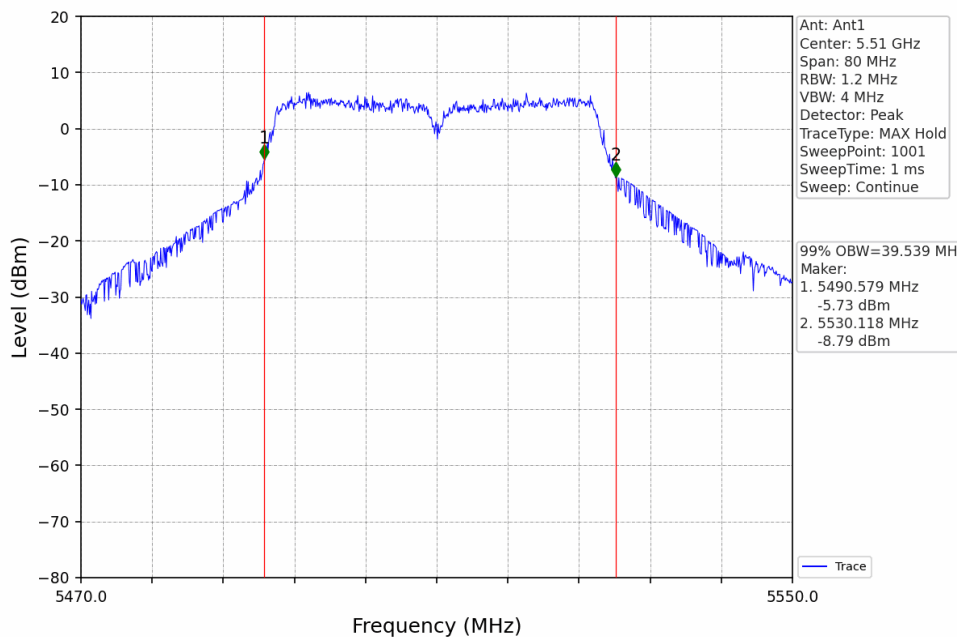




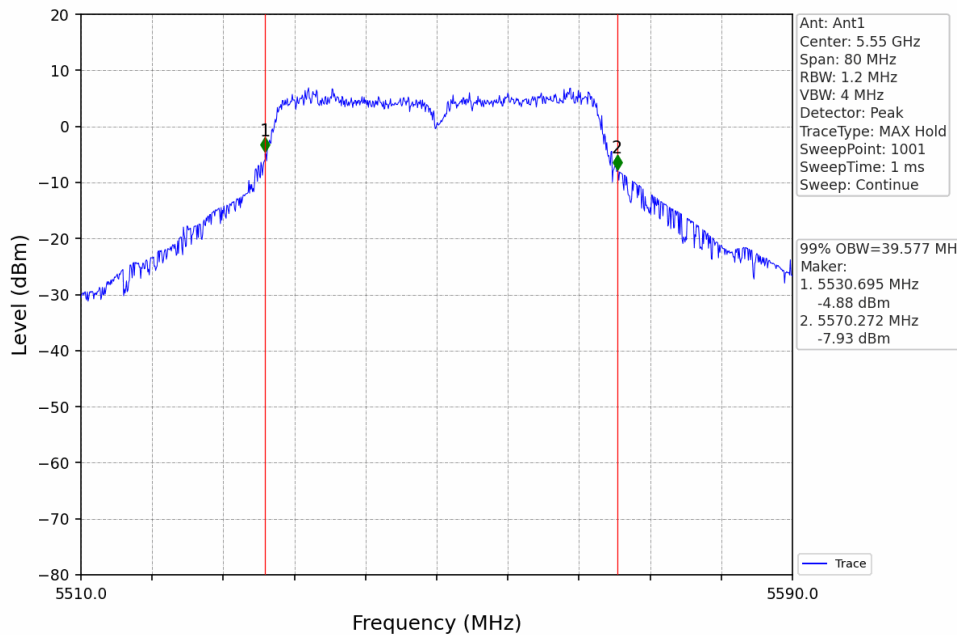
802.11ac(VHT40)\_HCH\_5310MHz\_Ant1\_NTNV



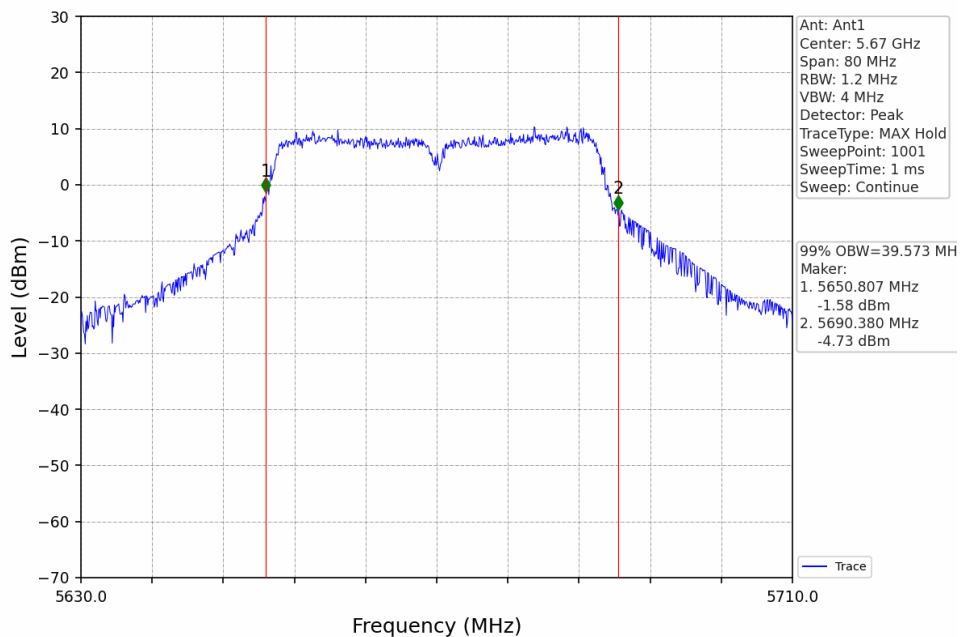
802.11ac(VHT40)\_LCH\_5510MHz\_Ant1\_NTNV



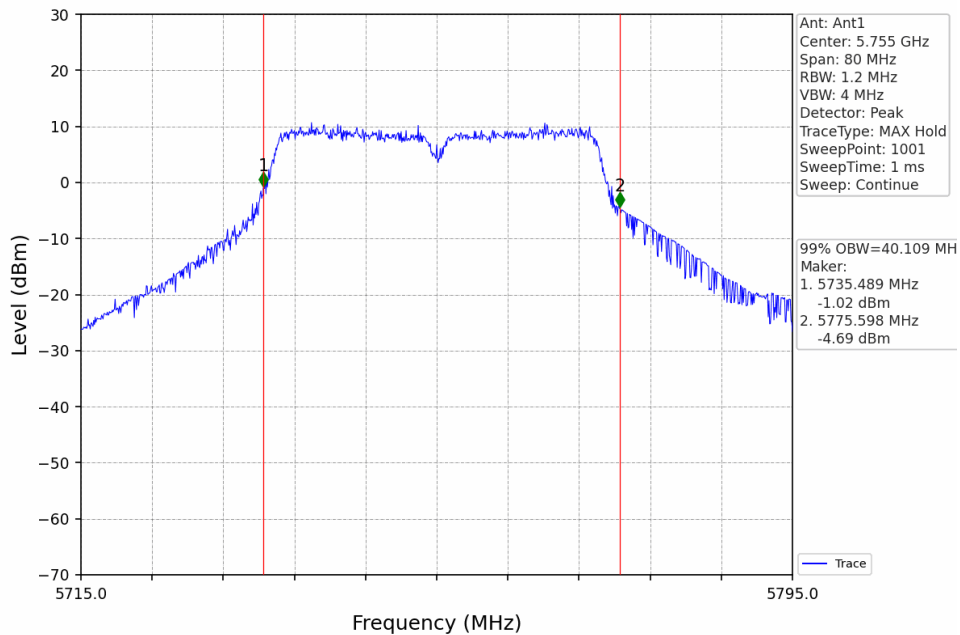
802.11ac(VHT40)\_MCH\_5550MHz\_Ant1\_NTNV



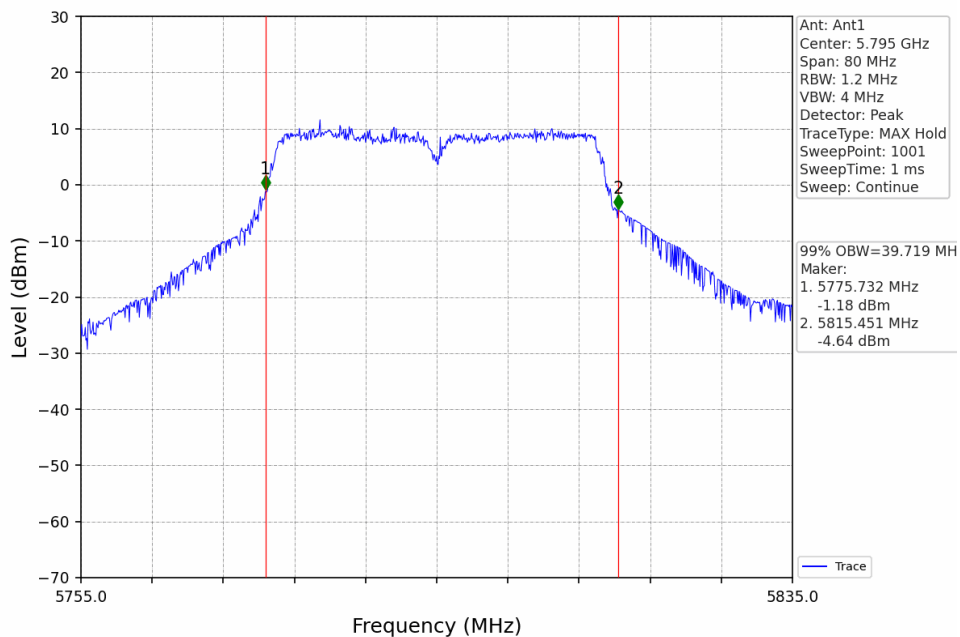
802.11ac(VHT40)\_HCH\_5670MHz\_Ant1\_NTNV



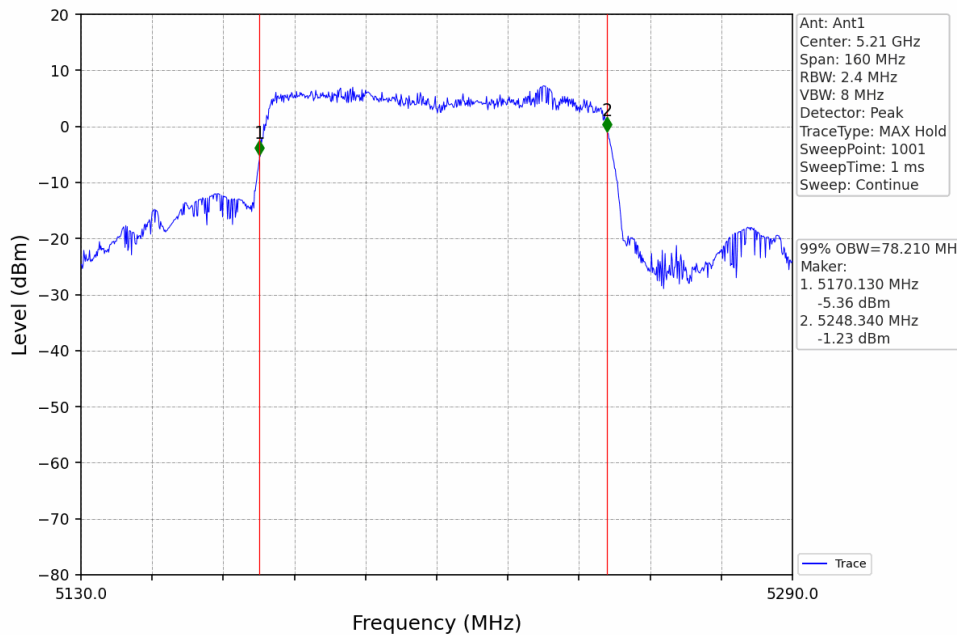
802.11ac(VHT40)\_LCH\_5755MHz\_Ant1\_NTNV



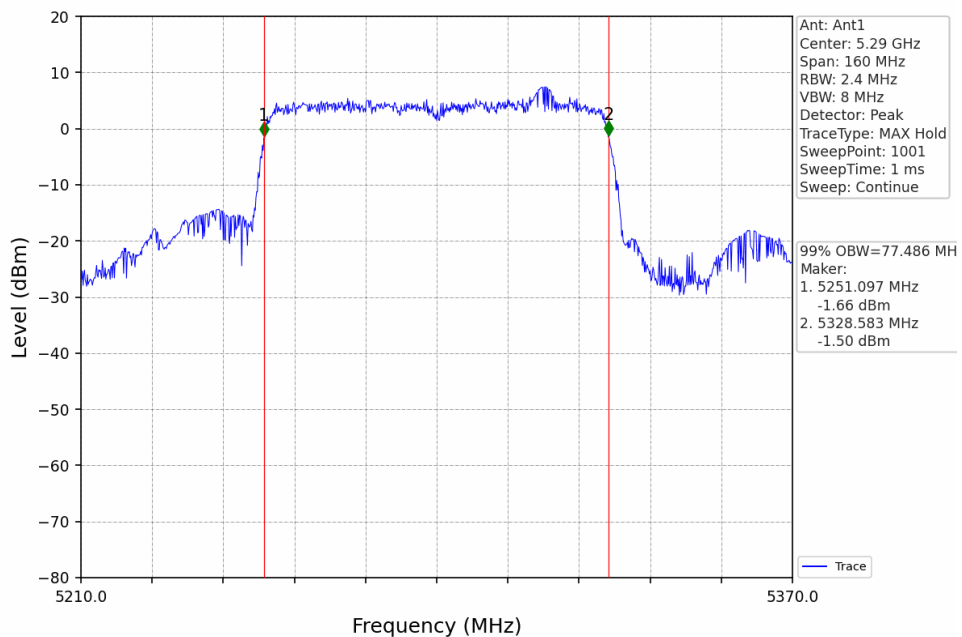
802.11ac(VHT40)\_HCH\_5795MHz\_Ant1\_NTNV



802.11ac(VHT80)\_MCH\_5210MHz\_Ant1\_NTNV

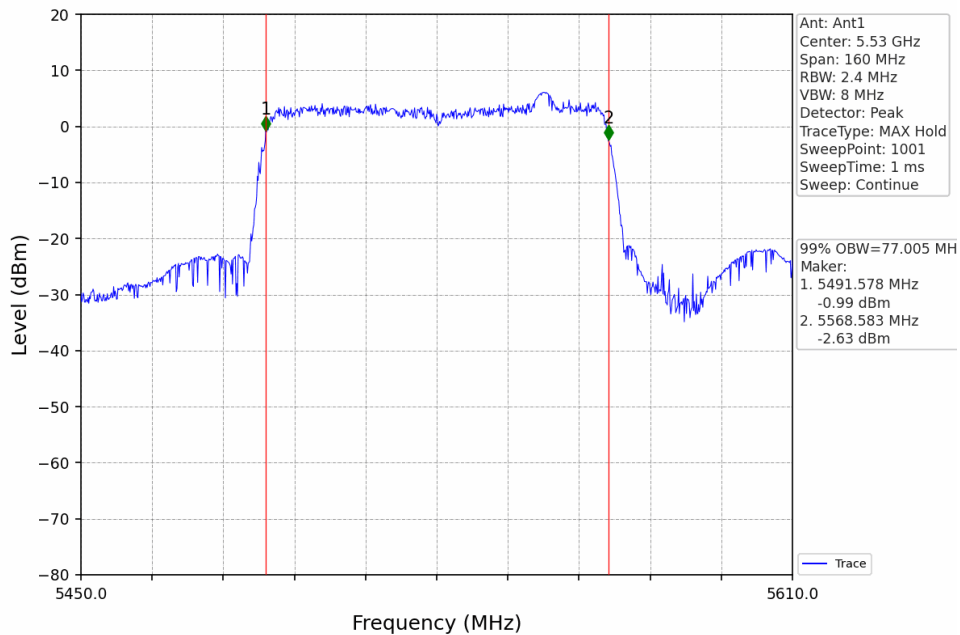


802.11ac(VHT80)\_MCH\_5290MHz\_Ant1\_NTNV

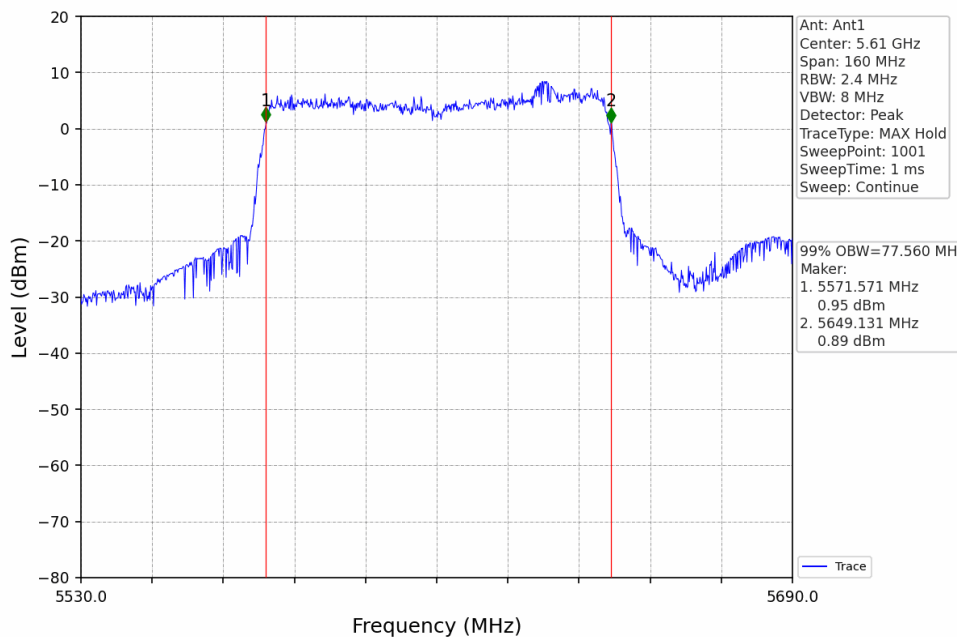




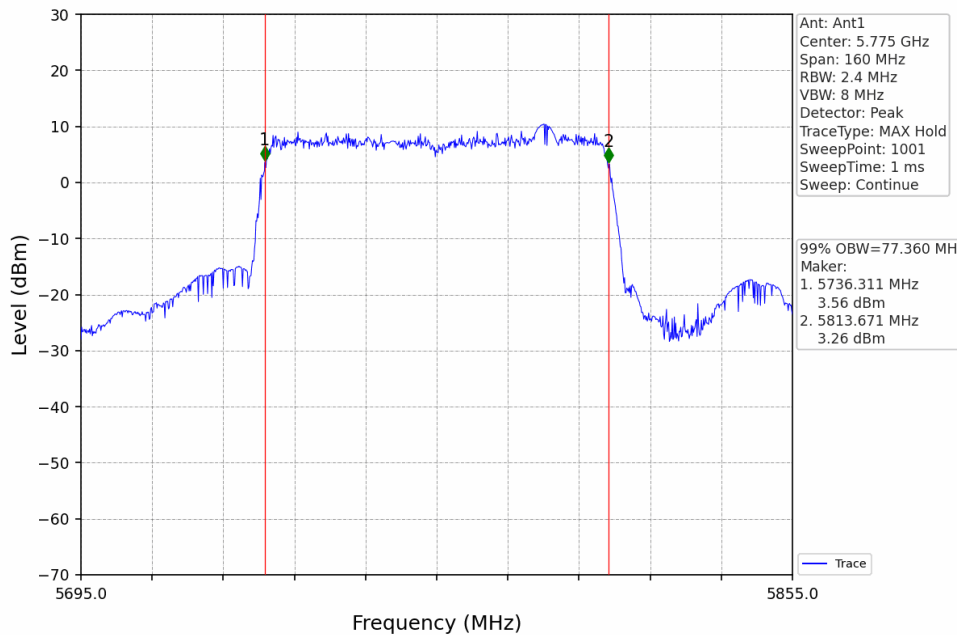
802.11ac(VHT80)\_LCH\_5530MHz\_Ant1\_NTNV



802.11ac(VHT80)\_HCH\_5610MHz\_Ant1\_NTNV



802.11ac(VHT80)\_MCH\_5775MHz\_Ant1\_NTNV



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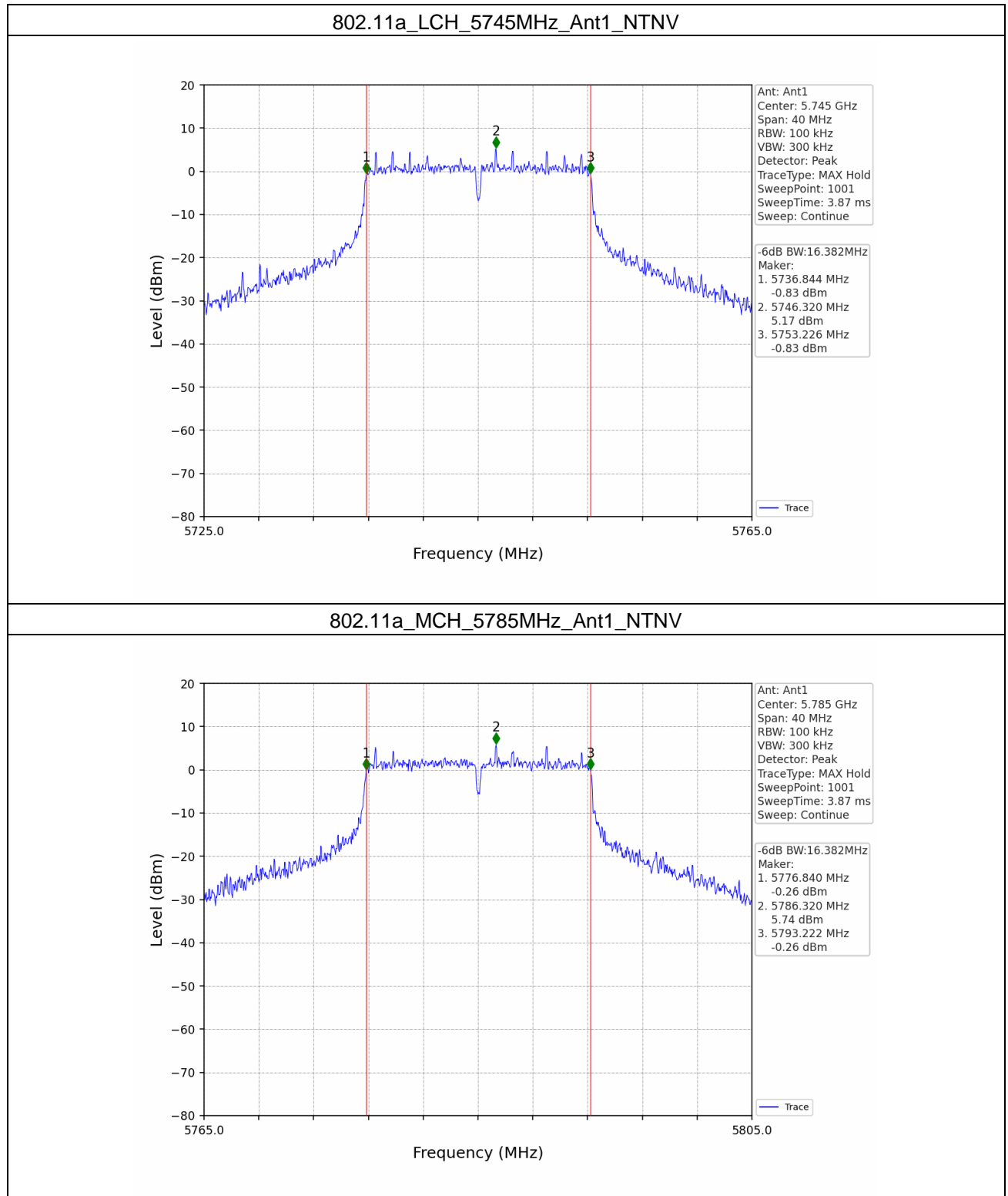
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## 2.2 6dB BW

## 2.2.1 Test Result

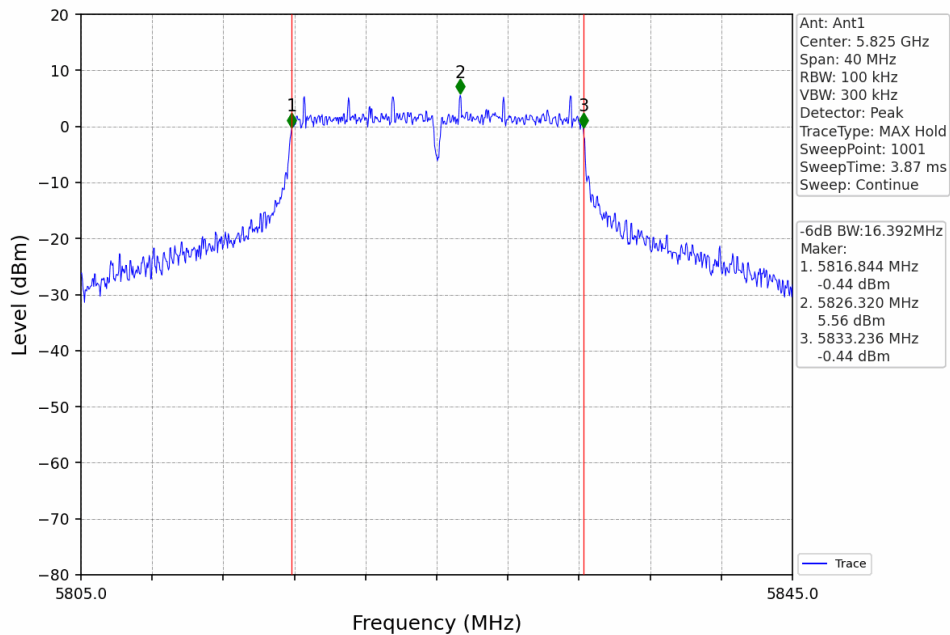
Mode	TX Type	Frequency (MHz)	Ant	6dB Bandwidth (MHz)		Verdict
				Result	Limit	
802.11a	SISO	5745	1	16.382	$\geq 0.5$	Pass
		5785	1	16.382	$\geq 0.5$	Pass
		5825	1	16.392	$\geq 0.5$	Pass
802.11n (HT20)	SISO	5745	1	17.640	$\geq 0.5$	Pass
		5785	1	17.623	$\geq 0.5$	Pass
		5825	1	17.641	$\geq 0.5$	Pass
802.11n (HT40)	SISO	5755	1	36.432	$\geq 0.5$	Pass
		5795	1	36.403	$\geq 0.5$	Pass
802.11ac (VHT20)	SISO	5745	1	17.740	$\geq 0.5$	Pass
		5785	1	17.726	$\geq 0.5$	Pass
		5825	1	17.719	$\geq 0.5$	Pass
802.11ac (VHT40)	SISO	5755	1	36.520	$\geq 0.5$	Pass
		5795	1	36.504	$\geq 0.5$	Pass
802.11ac (VHT80)	SISO	5775	1	76.469	$\geq 0.5$	Pass

## 2.2.2 Test Graph

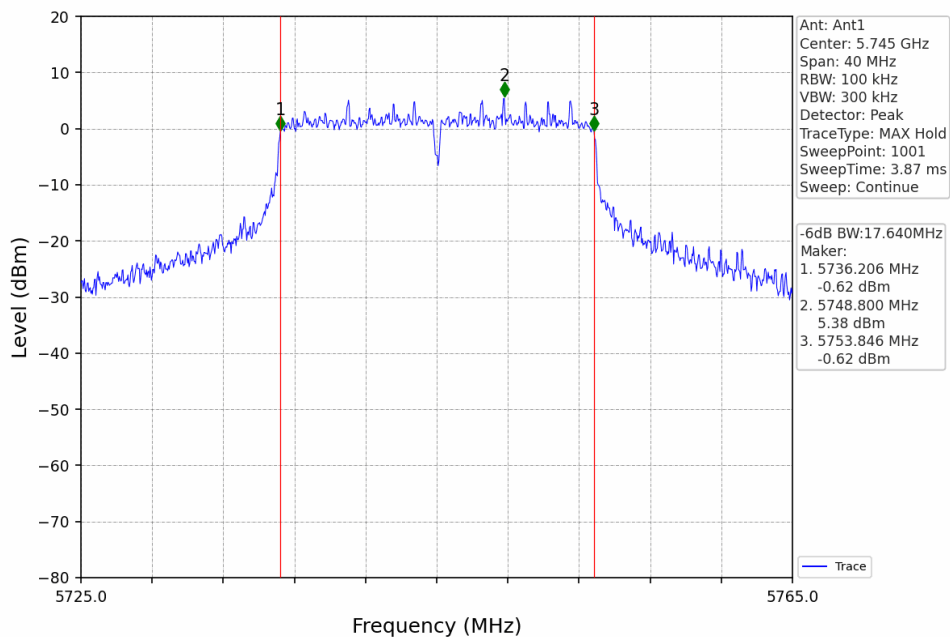




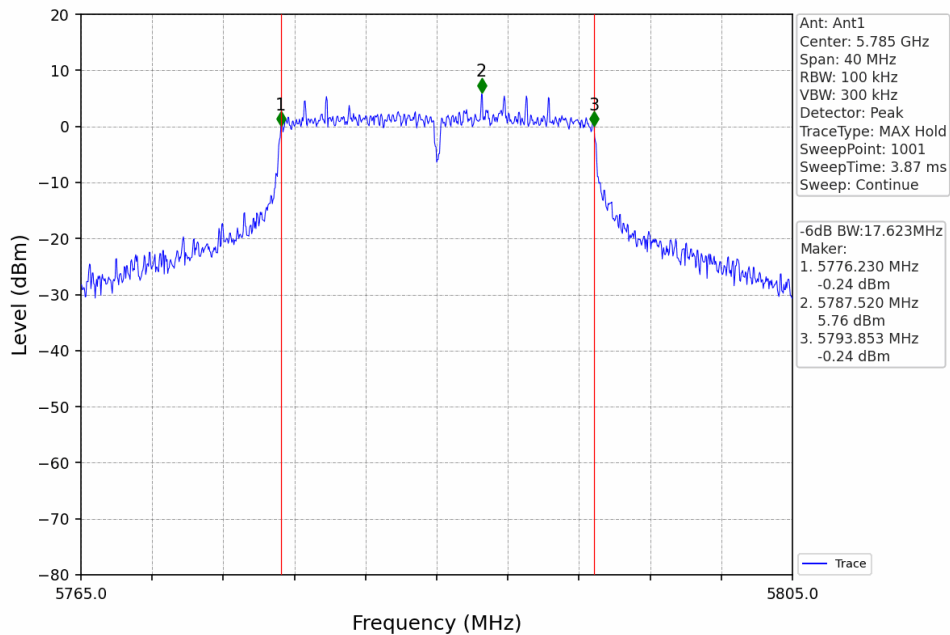
802.11a\_HCH\_5825MHz\_Ant1\_NTNV



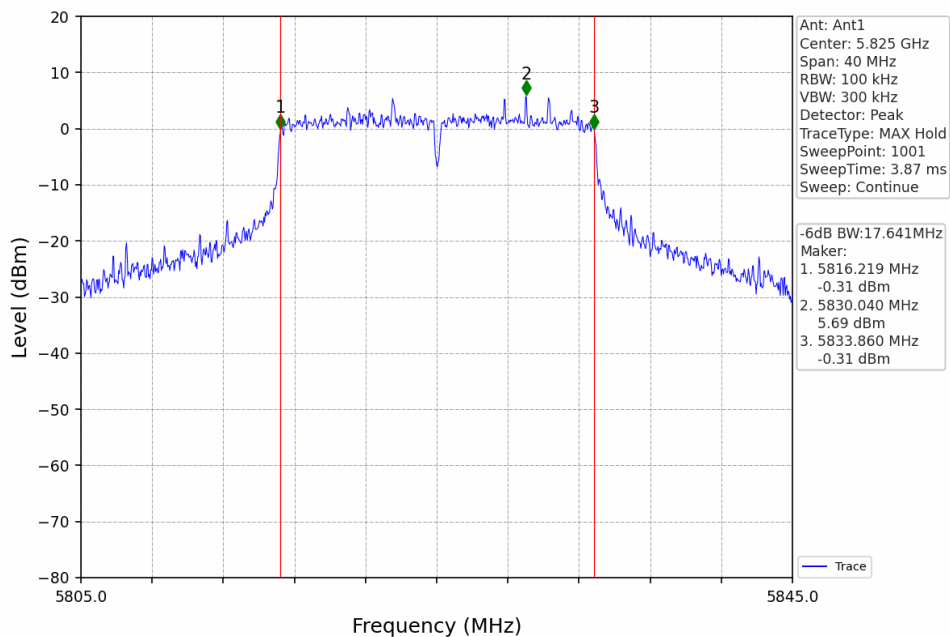
802.11n(HT20)\_LCH\_5745MHz\_Ant1\_NTNV



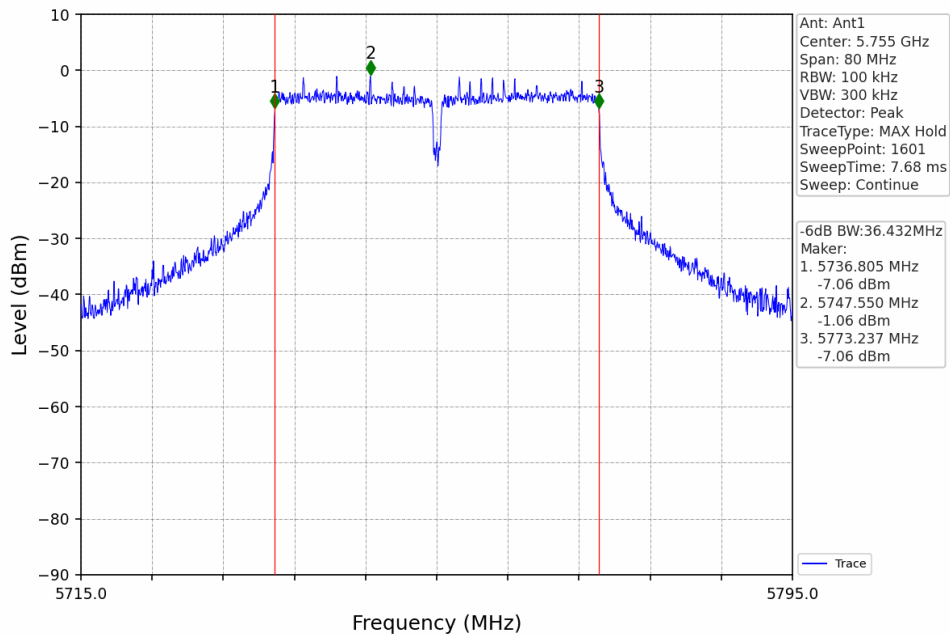
802.11n(HT20)\_MCH\_5785MHz\_Ant1\_NTNV



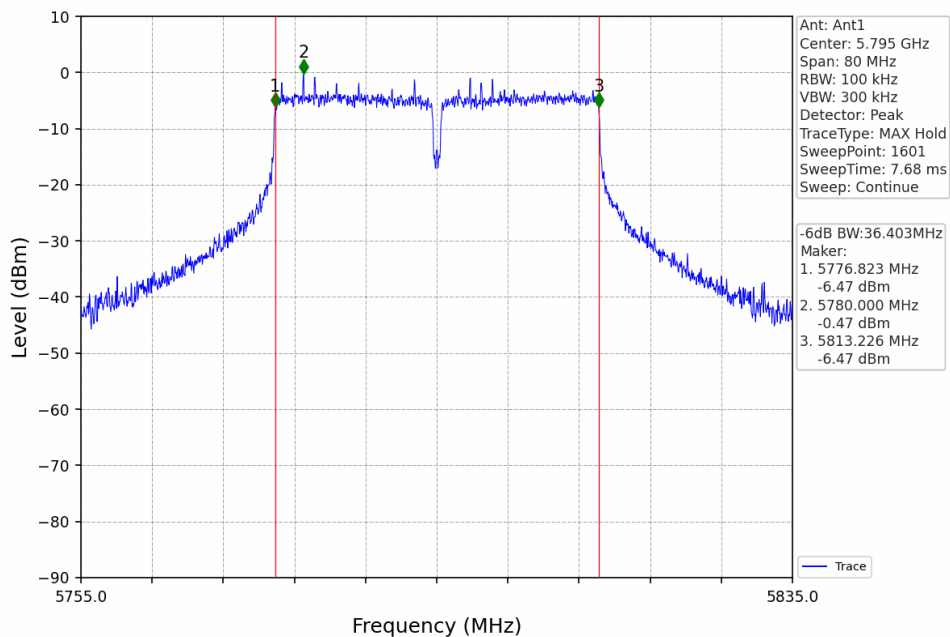
802.11n(HT20)\_HCH\_5825MHz\_Ant1\_NTNV



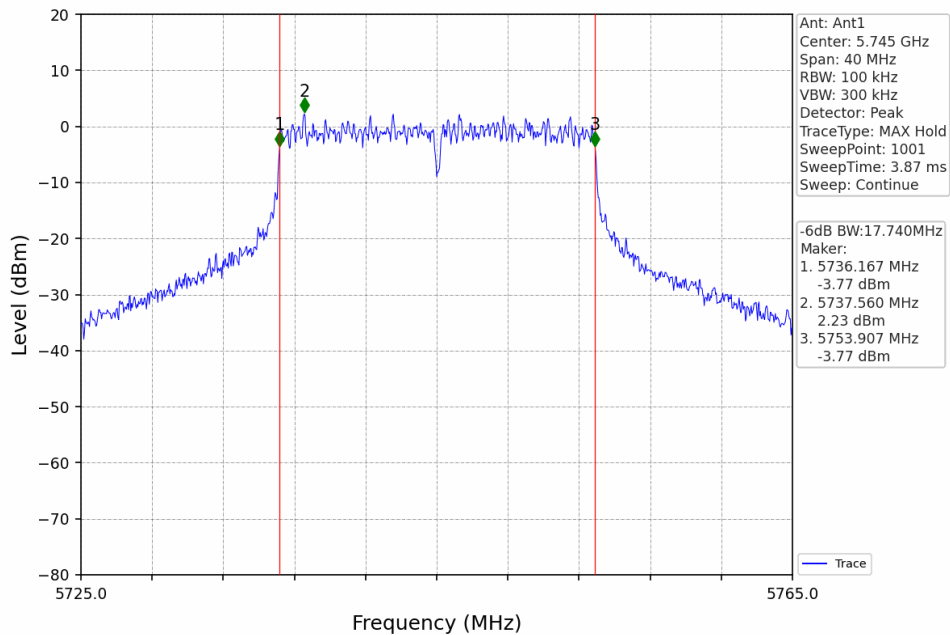
802.11n(HT40)\_LCH\_5755MHz\_Ant1\_NTNV



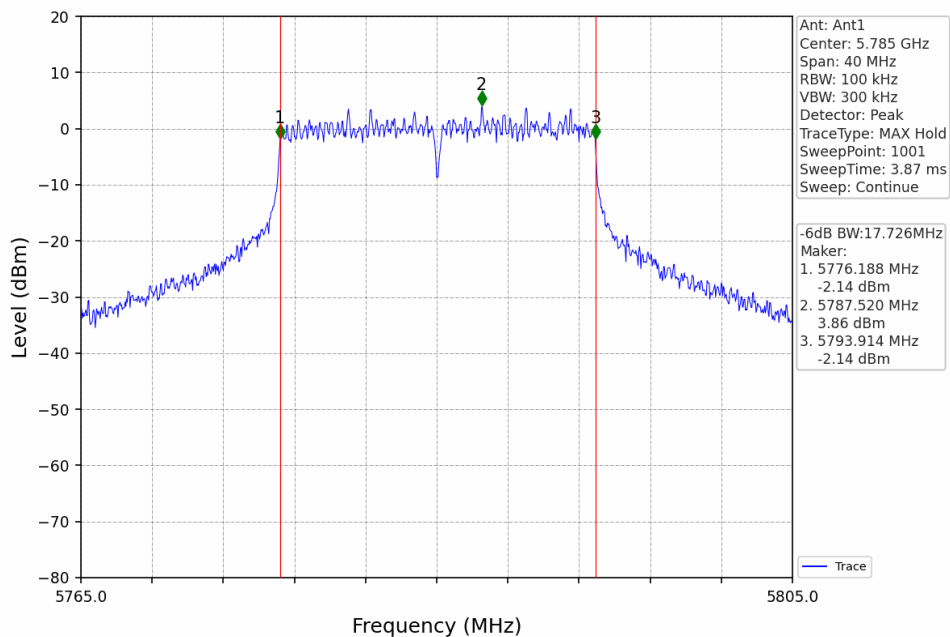
802.11n(HT40)\_HCH\_5795MHz\_Ant1\_NTNV



802.11ac(VHT20)\_LCH\_5745MHz\_Ant1\_NTNV

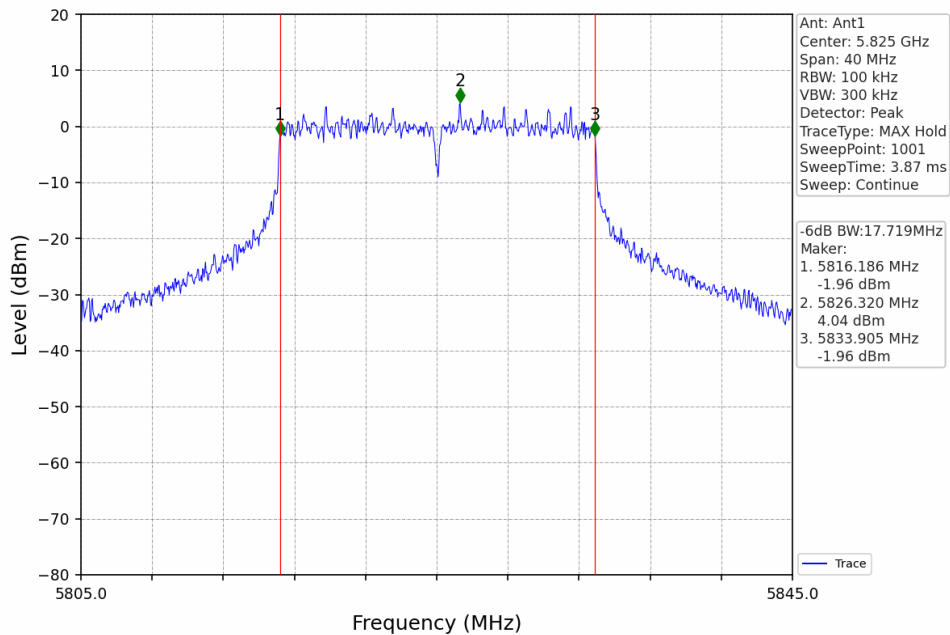


802.11ac(VHT20)\_MCH\_5785MHz\_Ant1\_NTNV

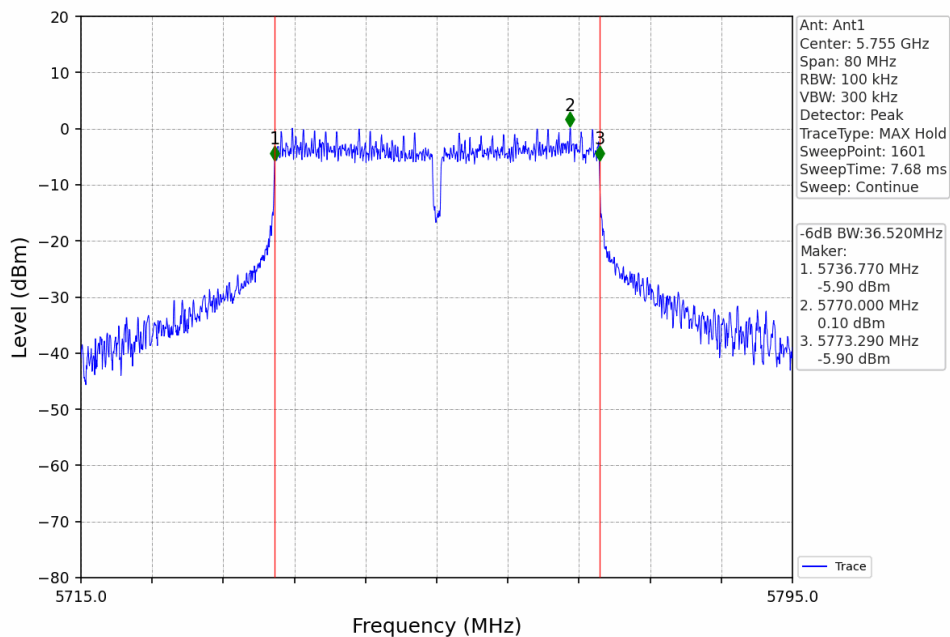




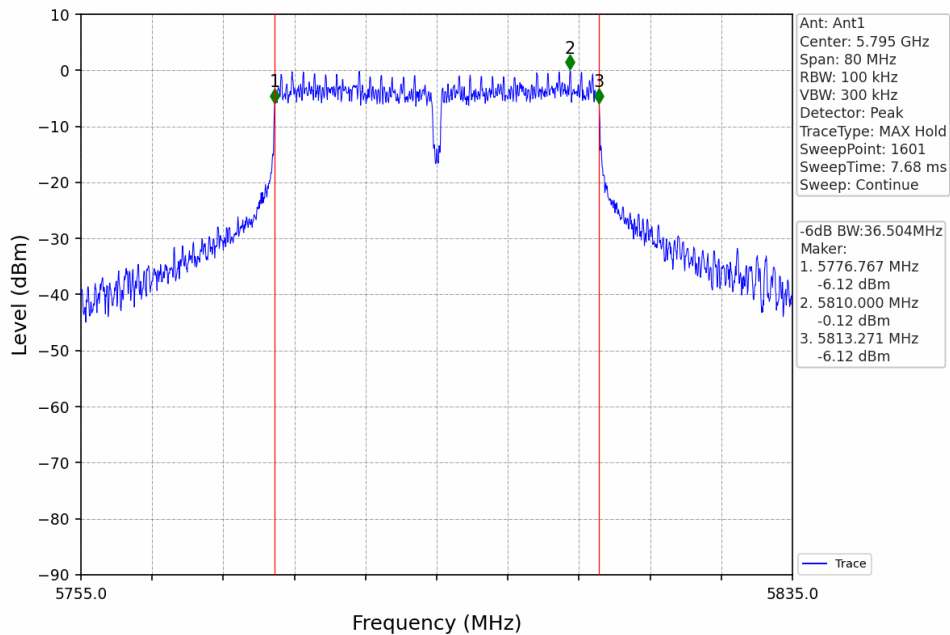
### 802.11ac(VHT20)\_HCH\_5825MHz\_Ant1\_NTNV



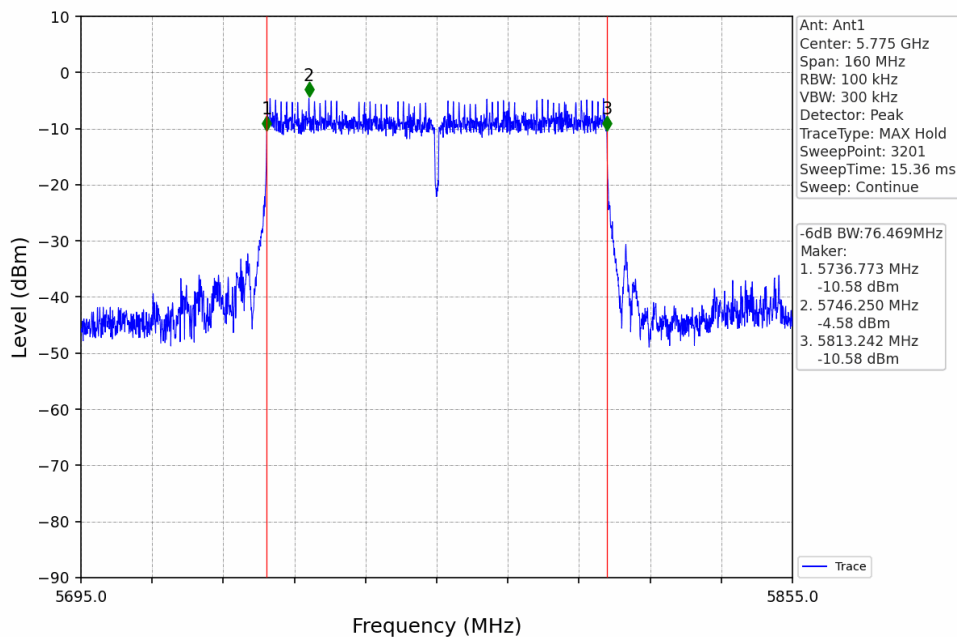
### 802.11ac(VHT40)\_LCH\_5755MHz\_Ant1\_NTNV



802.11ac(VHT40)\_HCH\_5795MHz\_Ant1\_NTNV



802.11ac(VHT80)\_MCH\_5775MHz\_Ant1\_NTNV



## 2.3 26dB BW

## 2.3.1 Test Result

Mode	TX Type	Frequency (MHz)	Ant	26dB Bandwidth (MHz)	Verdict
				Result	
802.11a	SISO	5180	1	38.861	Pass
		5200	1	38.632	Pass
		5240	1	39.755	Pass
		5260	1	37.100	Pass
		5300	1	37.098	Pass
		5320	1	36.621	Pass
		5500	1	35.785	Pass
		5580	1	39.095	Pass
		5700	1	39.168	Pass
802.11n (HT20)	SISO	5180	1	40.241	Pass
		5200	1	35.271	Pass
		5240	1	41.440	Pass
		5260	1	41.592	Pass
		5300	1	36.627	Pass
		5320	1	41.449	Pass
		5500	1	36.506	Pass
		5580	1	38.679	Pass
		5700	1	41.867	Pass
802.11n (HT40)	SISO	5190	1	86.789	Pass
		5230	1	70.938	Pass
		5270	1	65.564	Pass
		5310	1	69.393	Pass
		5510	1	59.001	Pass
		5550	1	58.764	Pass
		5670	1	58.179	Pass
802.11ac (VHT20)	SISO	5180	1	32.038	Pass
		5200	1	32.684	Pass
		5240	1	32.083	Pass
		5260	1	34.644	Pass
		5300	1	33.152	Pass
		5320	1	32.349	Pass
		5500	1	31.642	Pass
		5580	1	31.881	Pass
		5700	1	32.402	Pass
802.11ac	SISO	5190	1	62.799	Pass



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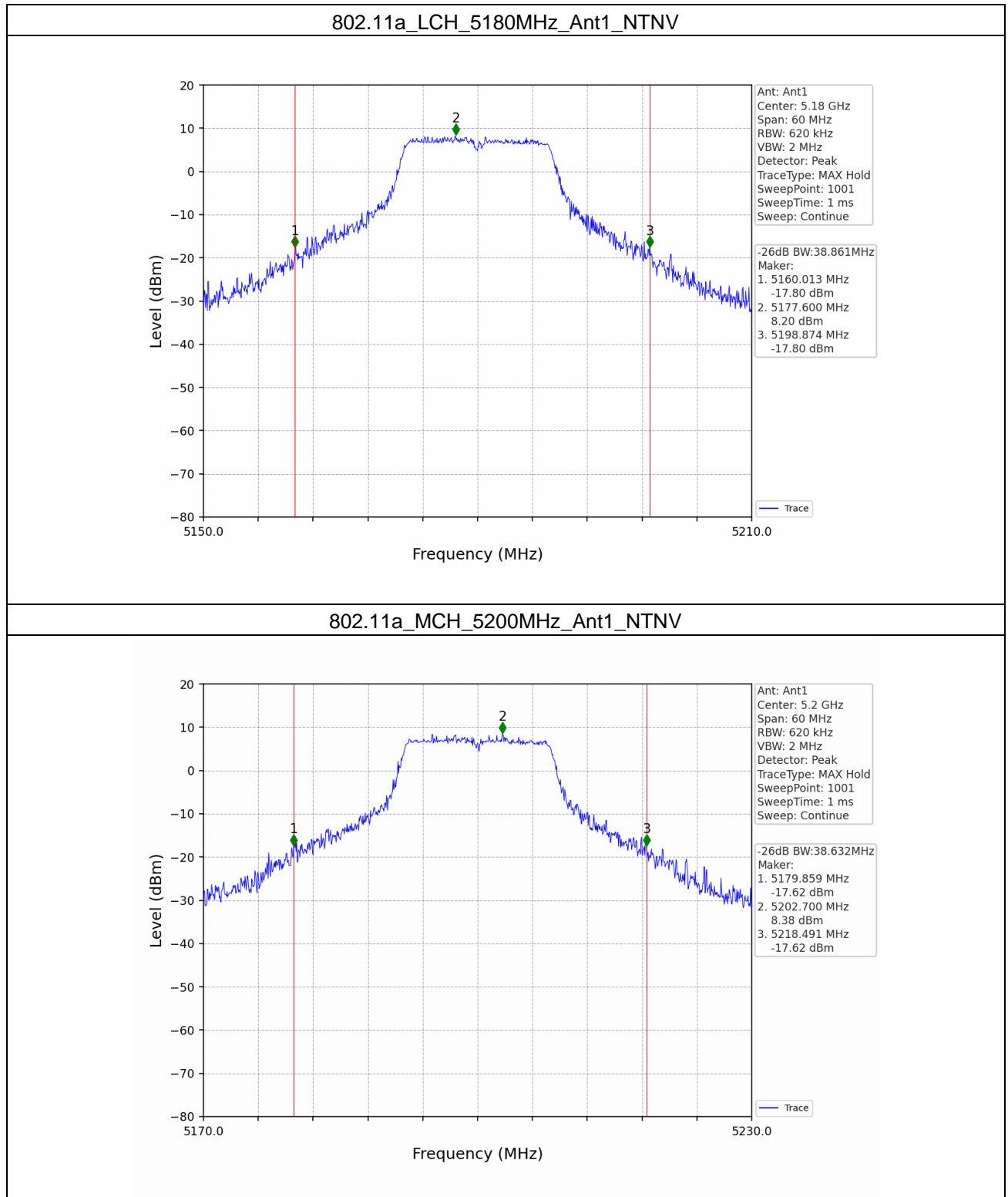
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(VHT40)		5230	1	55.823	Pass
		5270	1	58.103	Pass
		5310	1	57.603	Pass
		5510	1	58.230	Pass
		5550	1	58.820	Pass
		5670	1	58.134	Pass
802.11ac (VHT80)	SISO	5210	1	162.486	Pass
		5290	1	135.511	Pass
		5530	1	83.423	Pass
		5610	1	135.133	Pass

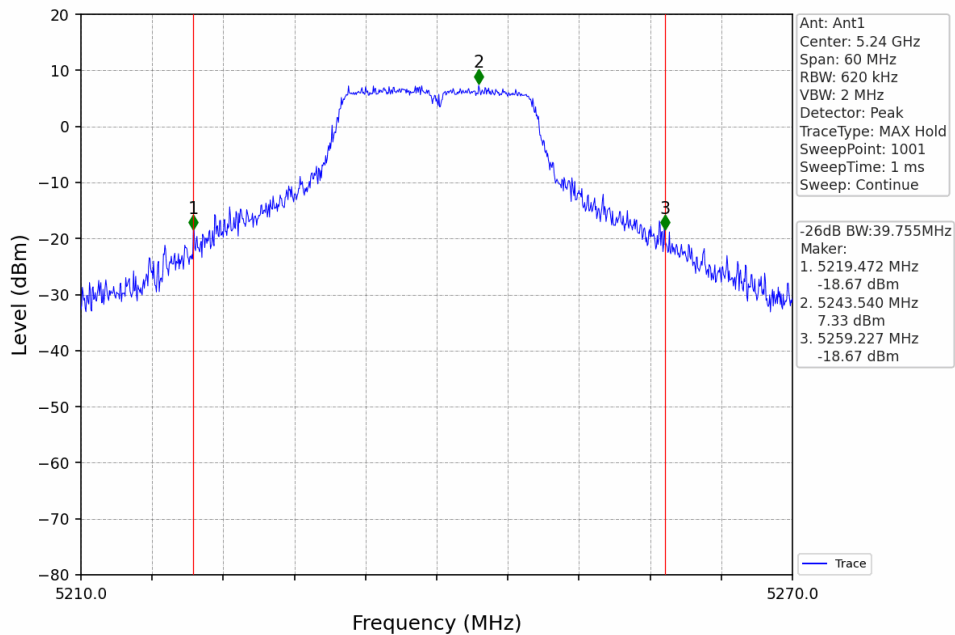




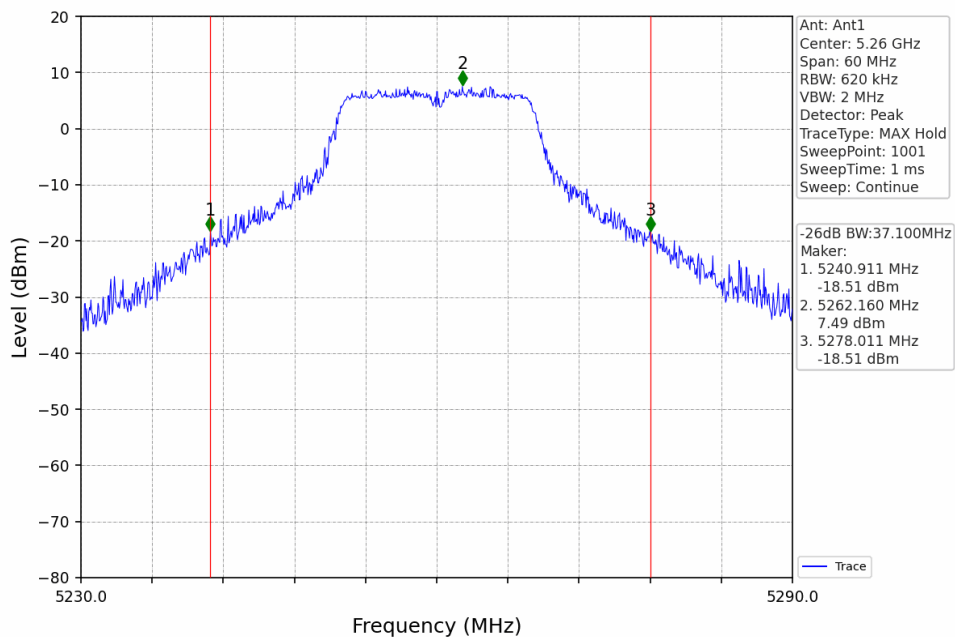
## 2.3.2 Test Graph



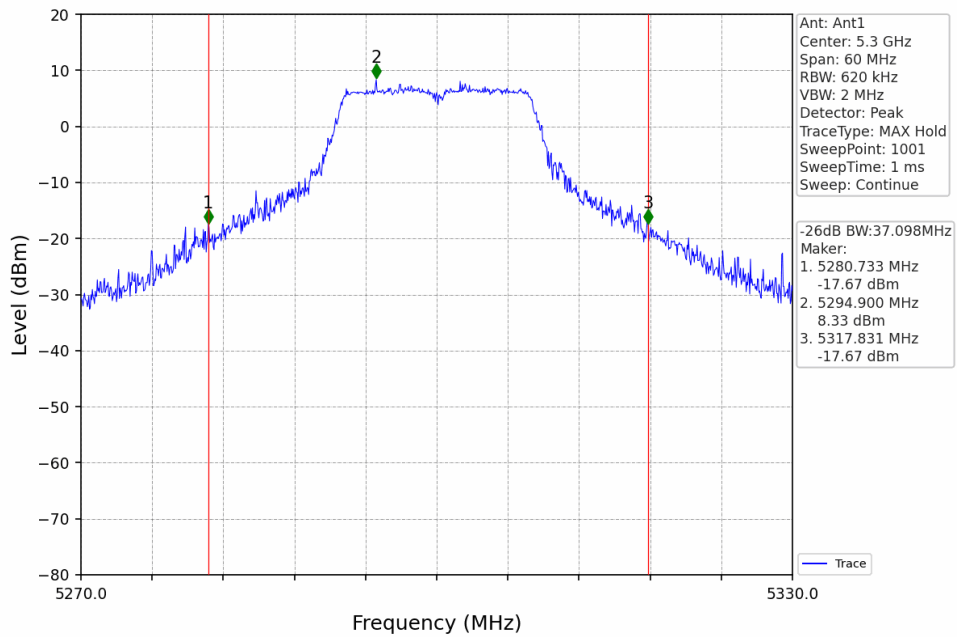
802.11a\_HCH\_5240MHz\_Ant1\_NTNV



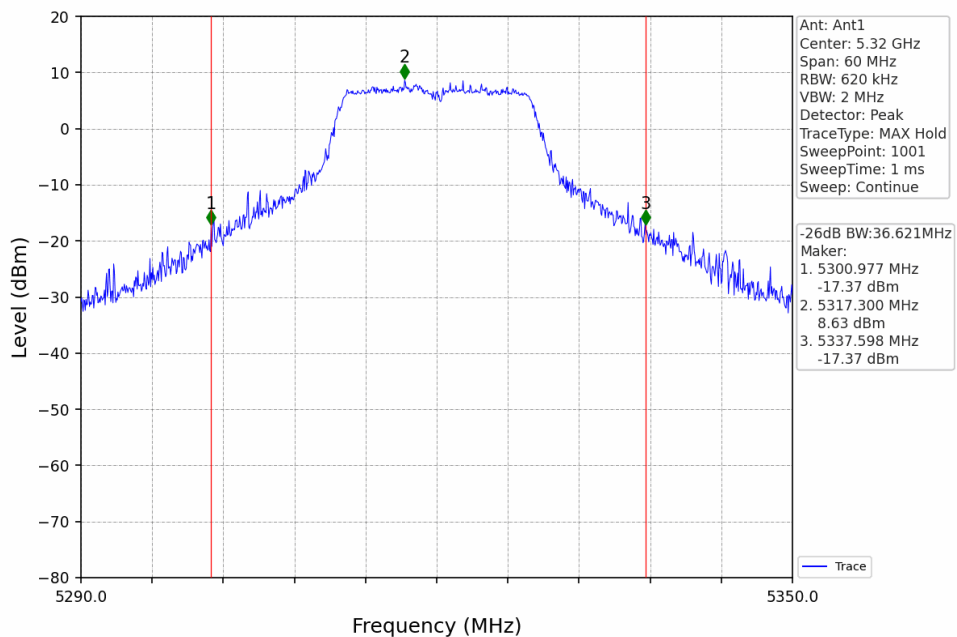
802.11a\_LCH\_5260MHz\_Ant1\_NTNV



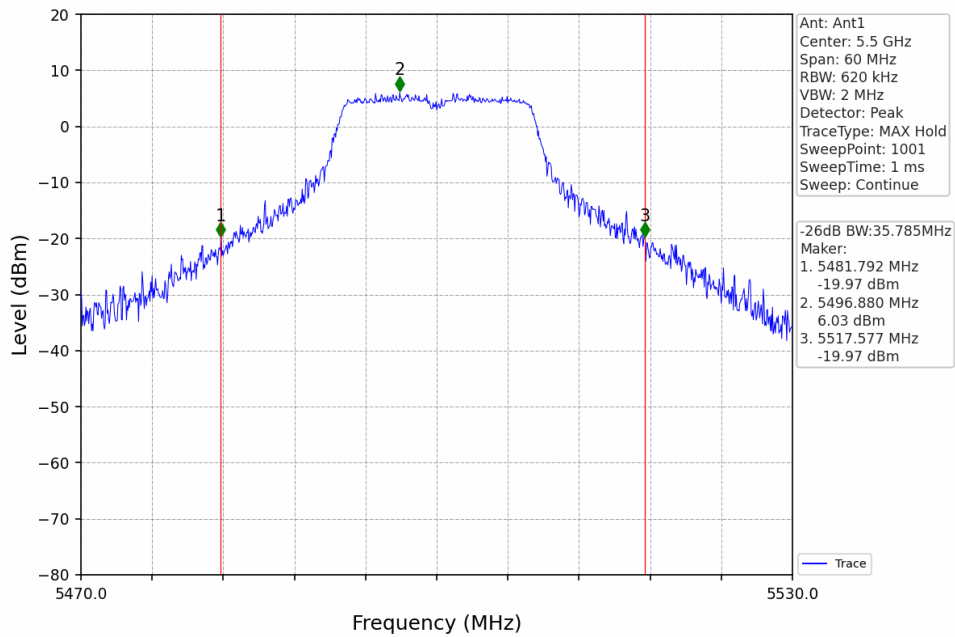
802.11a\_MCH\_5300MHz\_Ant1\_NTNV



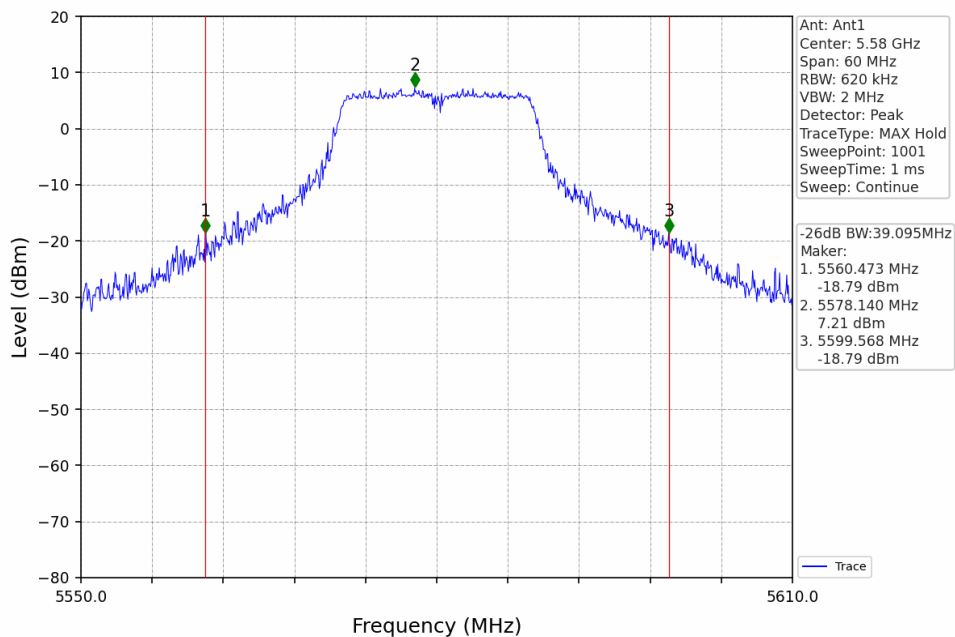
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802.11a\_LCH\_5500MHz\_Ant1\_NTNV



802.11a\_MCH\_5580MHz\_Ant1\_NTNV



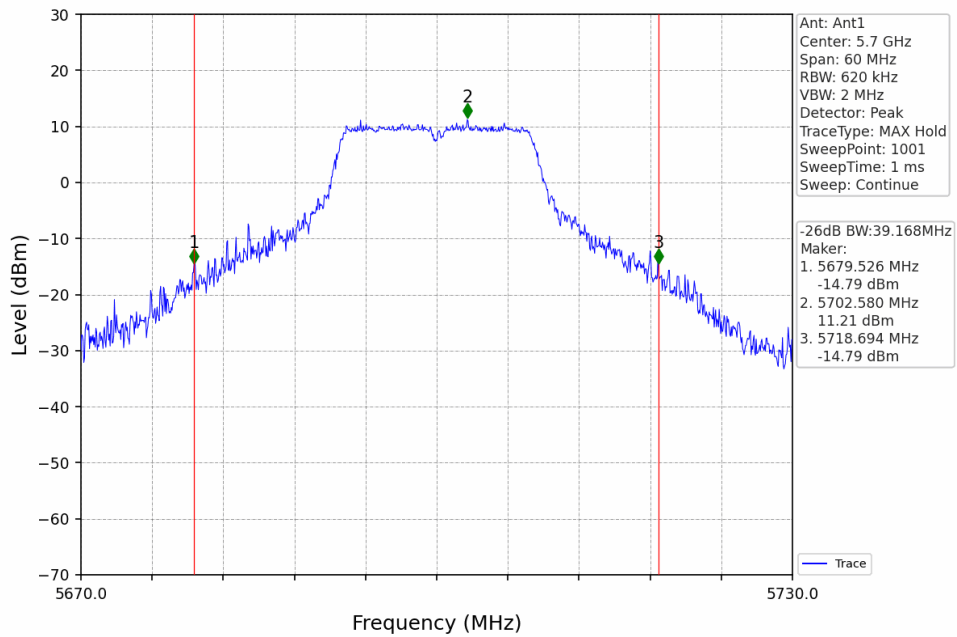
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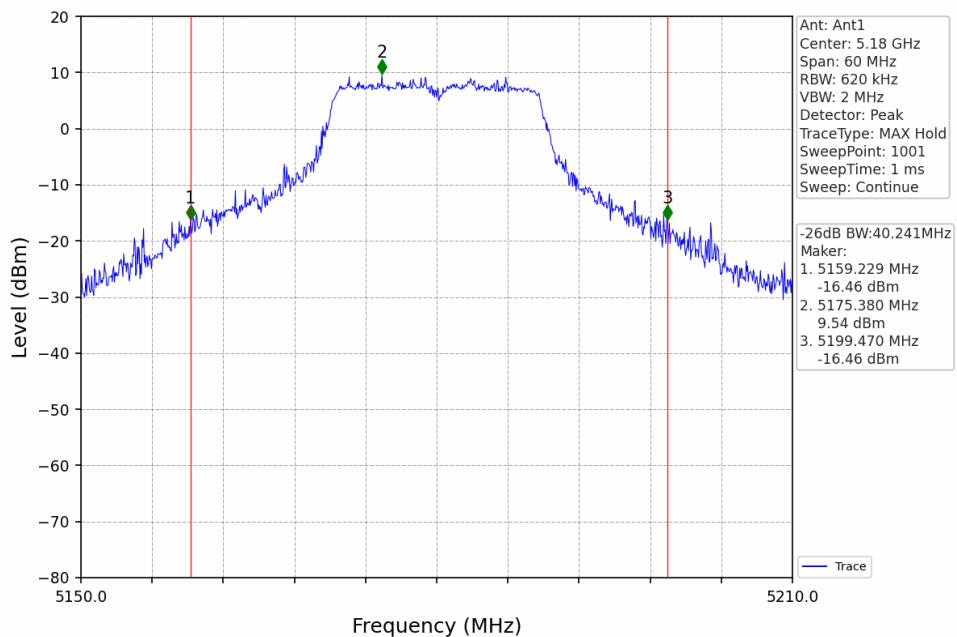
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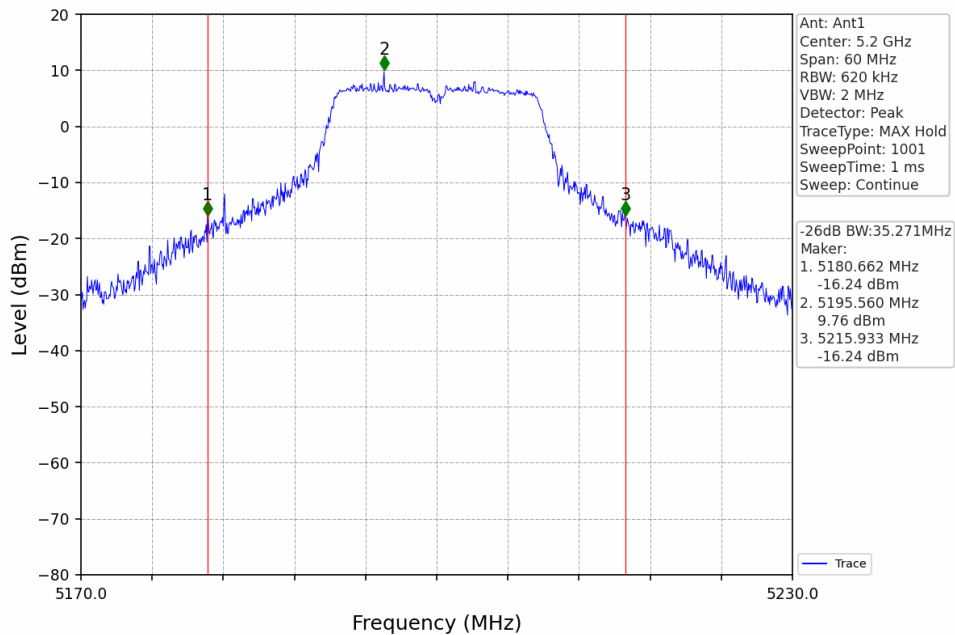
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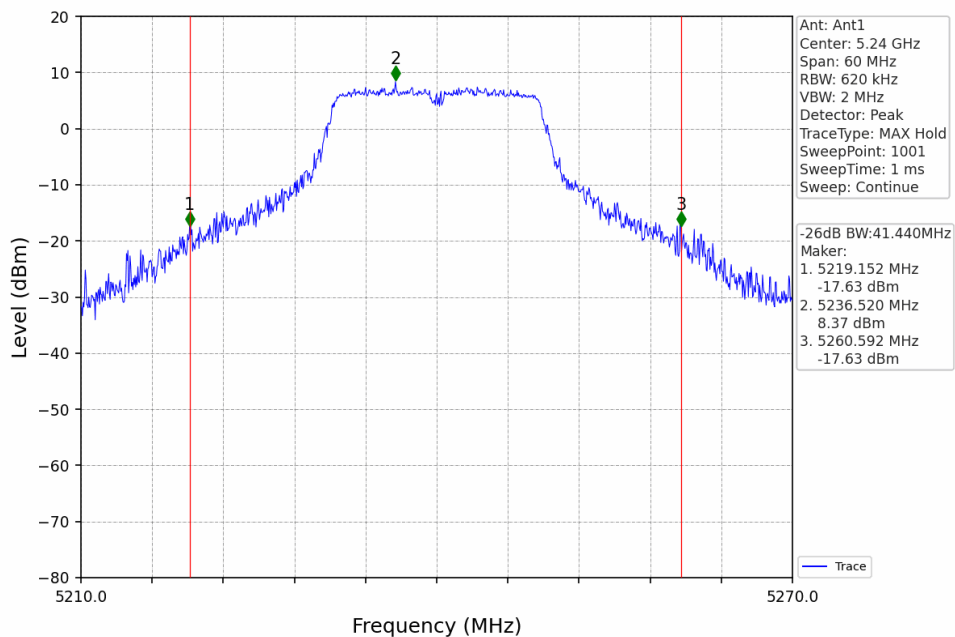
802.11n(HT20)\_LCH\_5180MHz\_Ant1\_NTNV



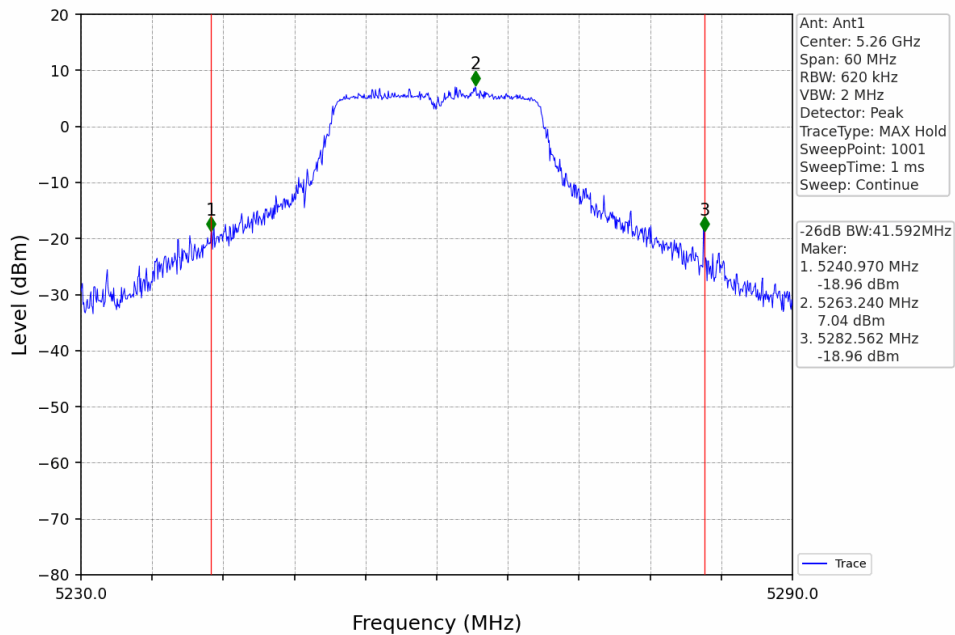
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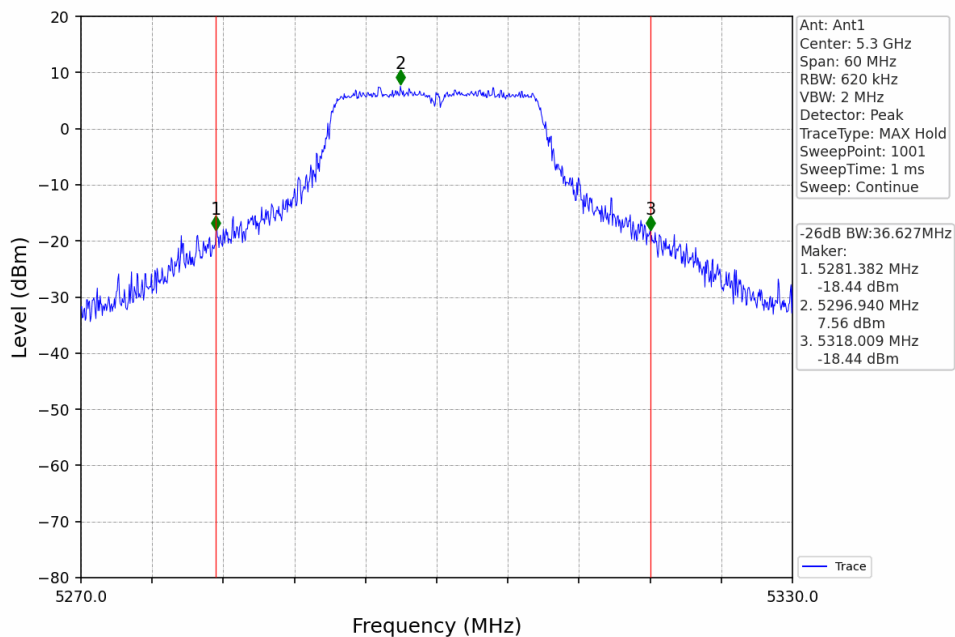
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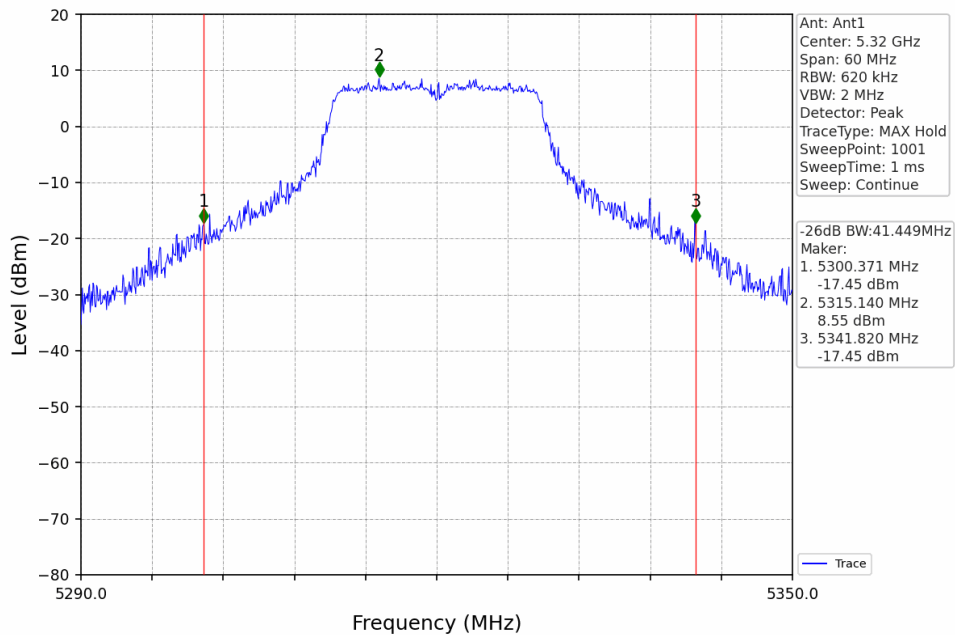
802.11n(HT20)\_LCH\_5260MHz\_Ant1\_NTNV



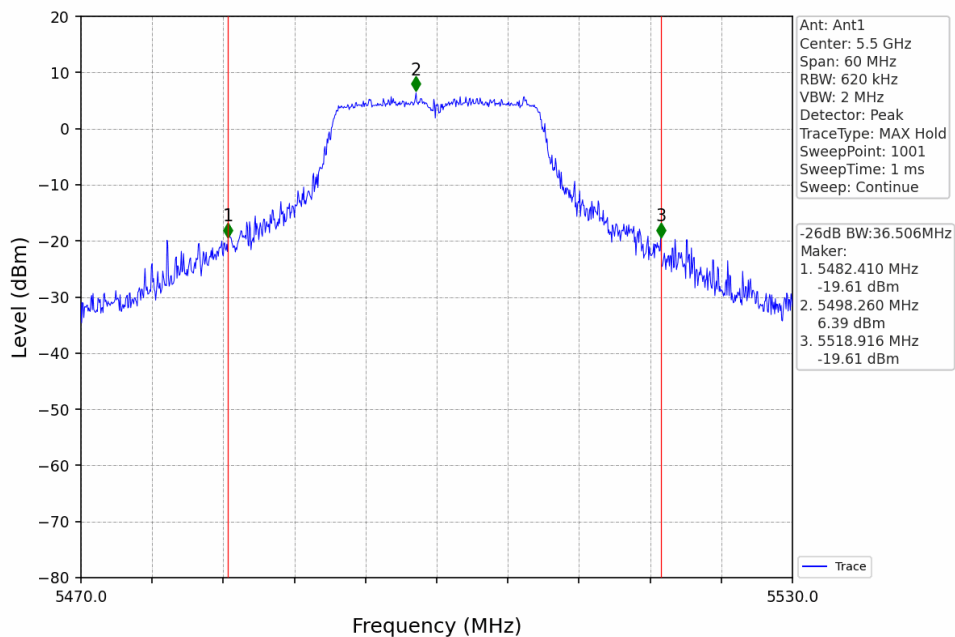
802.11n(HT20)\_MCH\_5300MHz\_Ant1\_NTNV



802.11n(HT20)\_HCH\_5320MHz\_Ant1\_NTNV

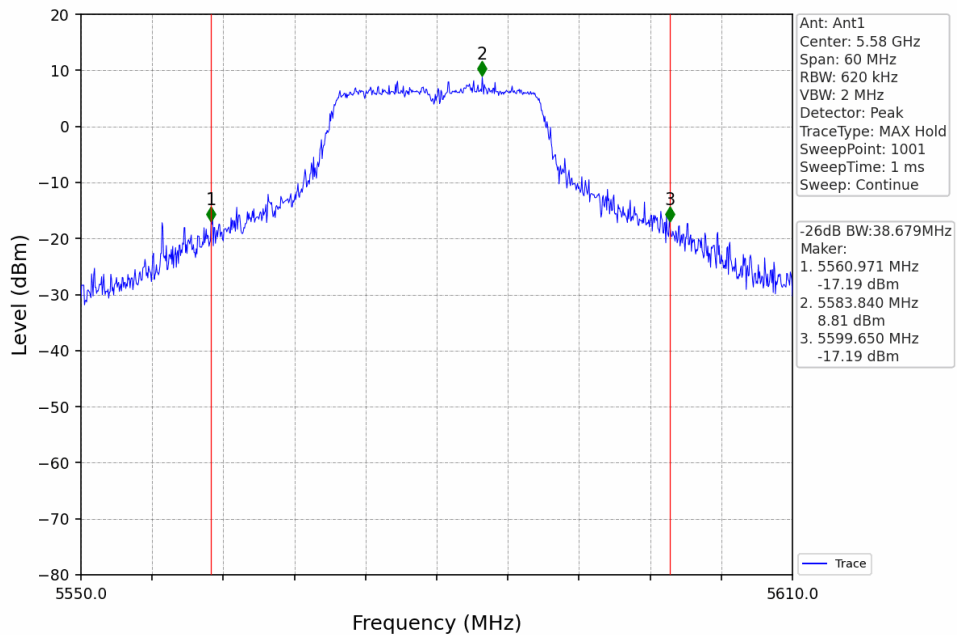


802.11n(HT20)\_LCH\_5500MHz\_Ant1\_NTNV

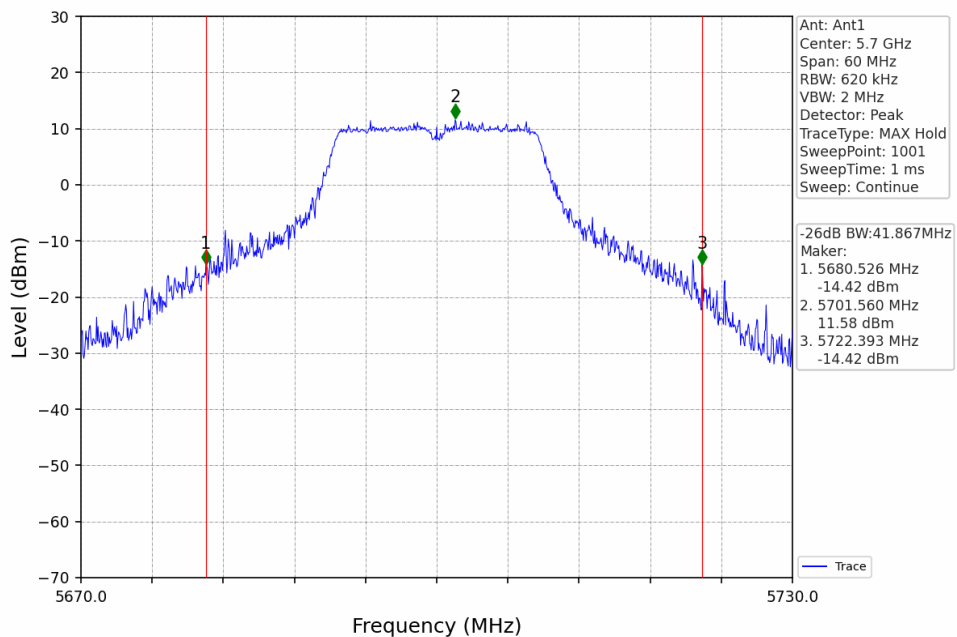




802.11n(HT20)\_MCH\_5580MHz\_Ant1\_NTNV



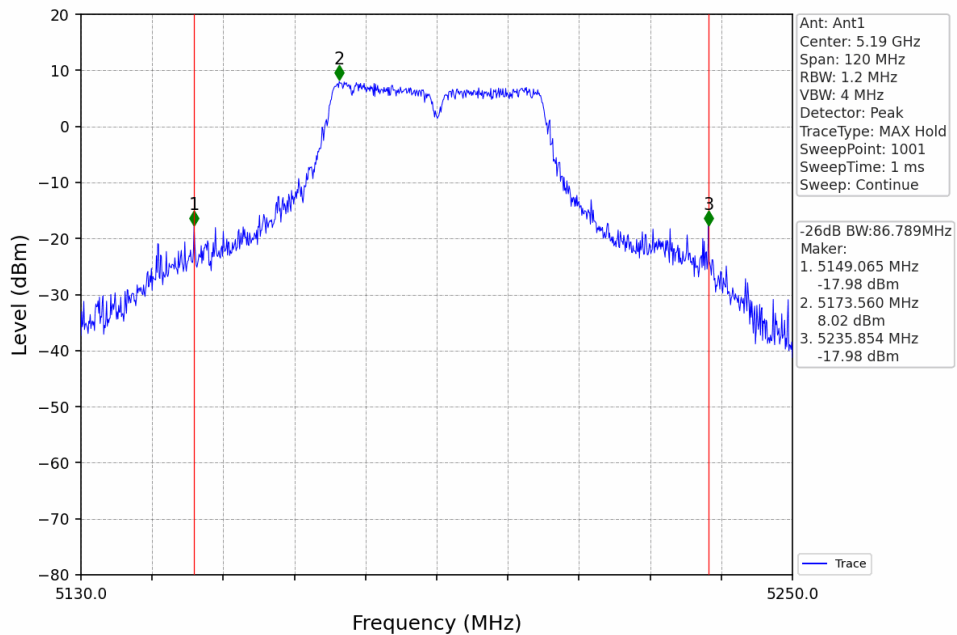
802.11n(HT20)\_HCH\_5700MHz\_Ant1\_NTNV



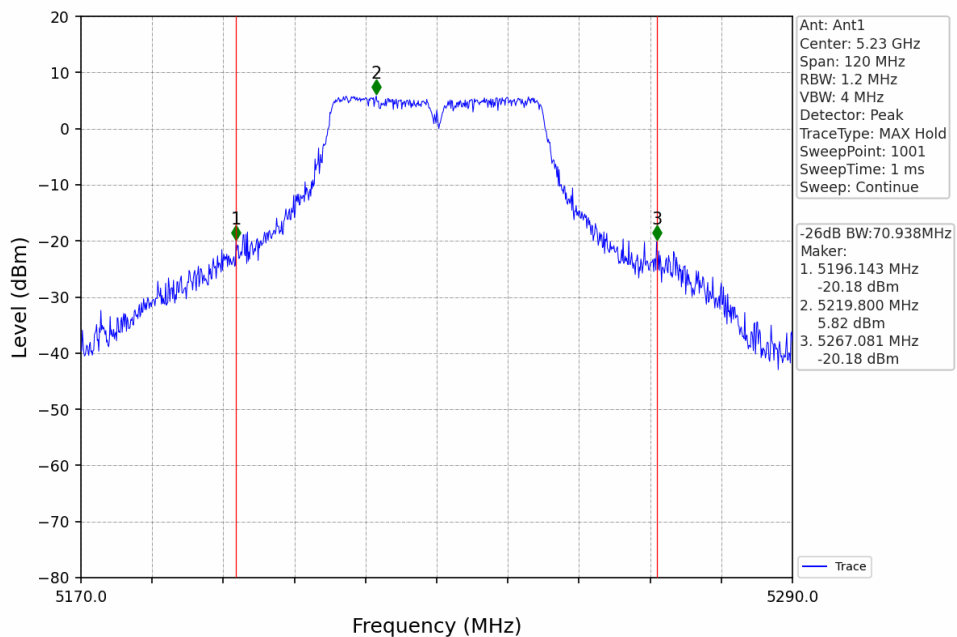
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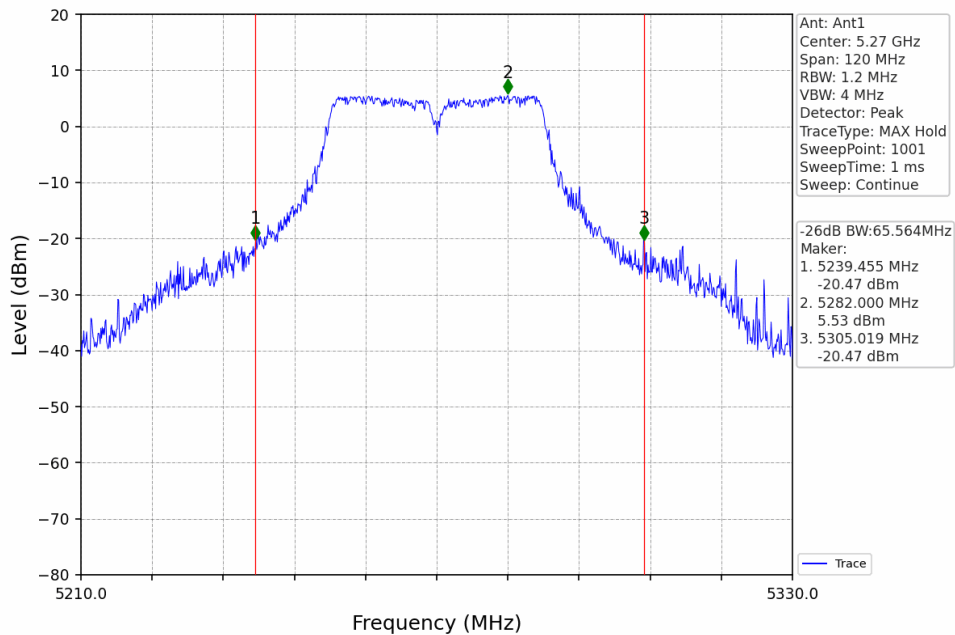
802.11n(HT40)\_LCH\_5190MHz\_Ant1\_NTNV



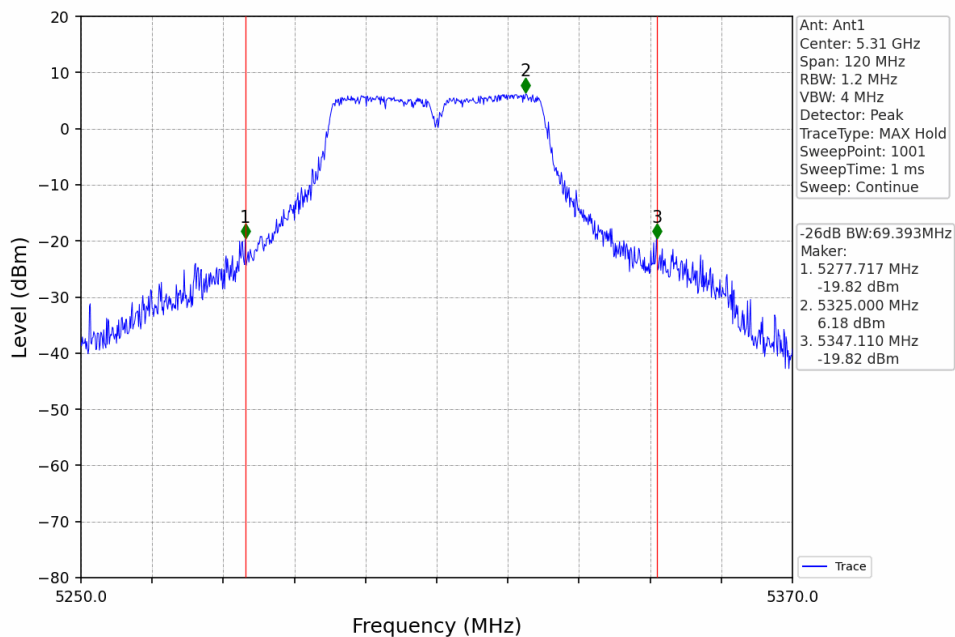
802.11n(HT40)\_HCH\_5230MHz\_Ant1\_NTNV



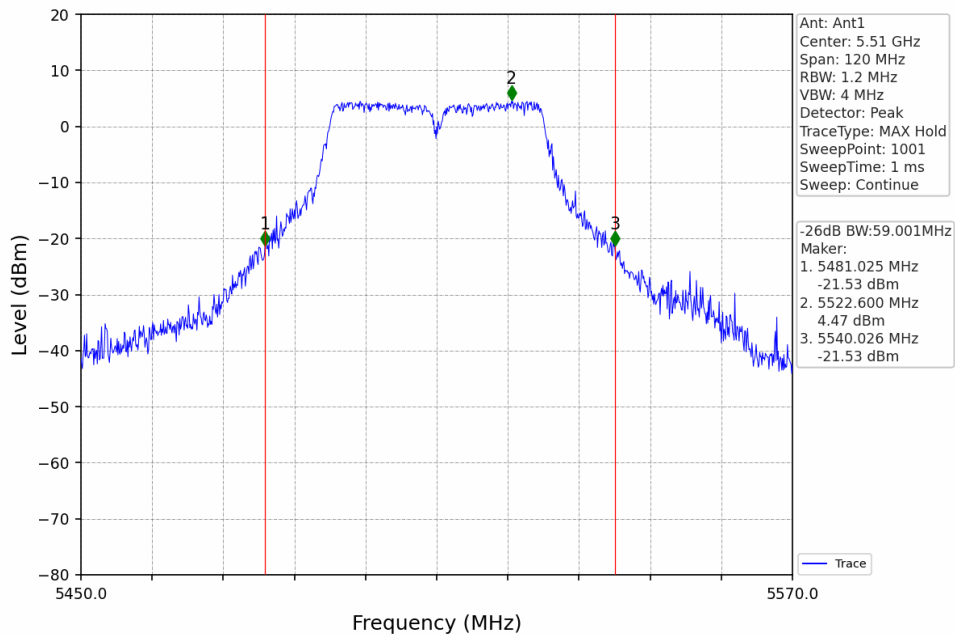
802.11n(HT40)\_LCH\_5270MHz\_Ant1\_NTNV



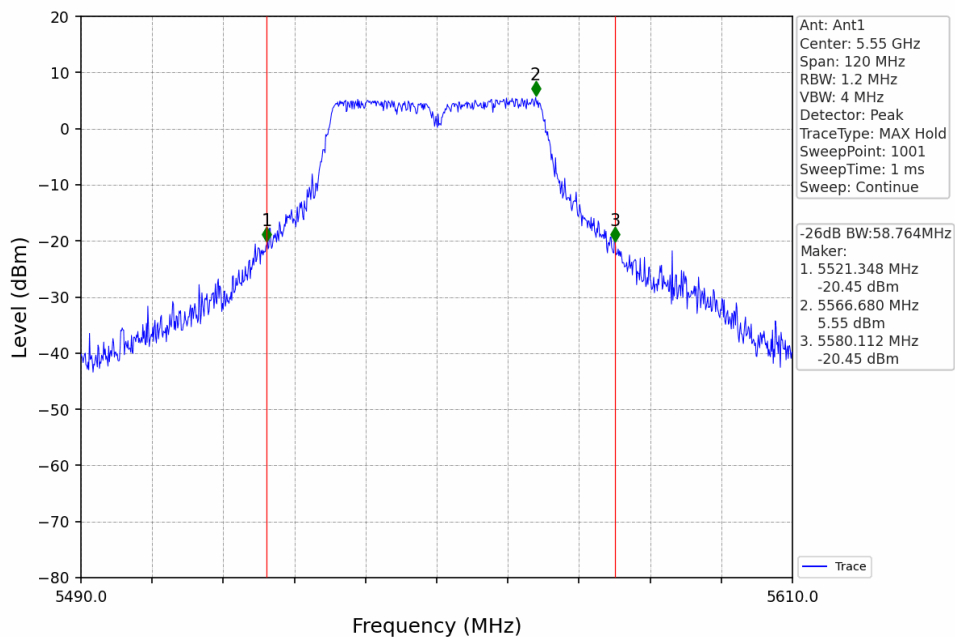
802.11n(HT40)\_HCH\_5310MHz\_Ant1\_NTNV



802.11n(HT40)\_LCH\_5510MHz\_Ant1\_NTNV

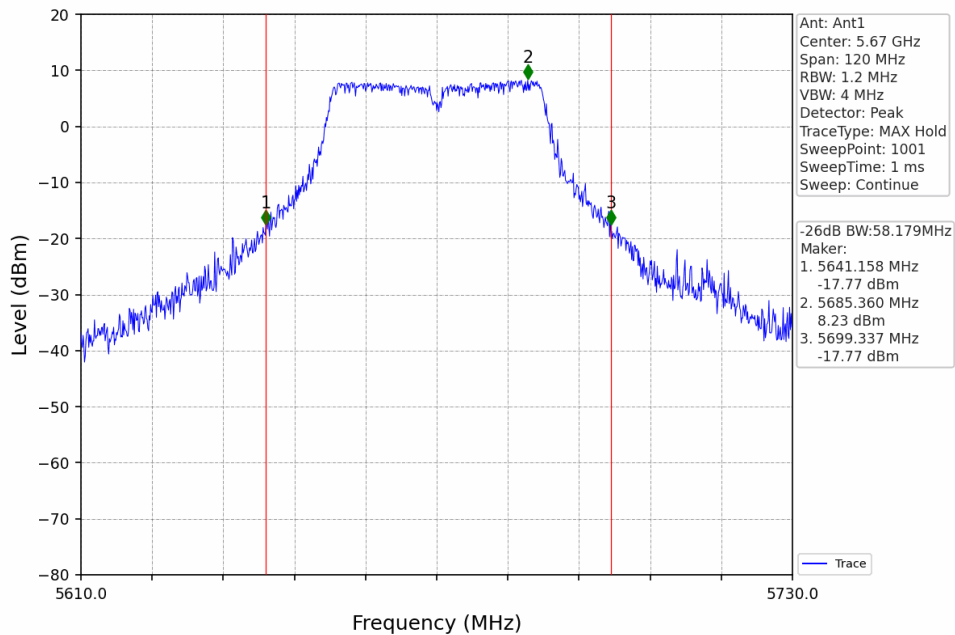


802.11n(HT40)\_MCH\_5550MHz\_Ant1\_NTNV

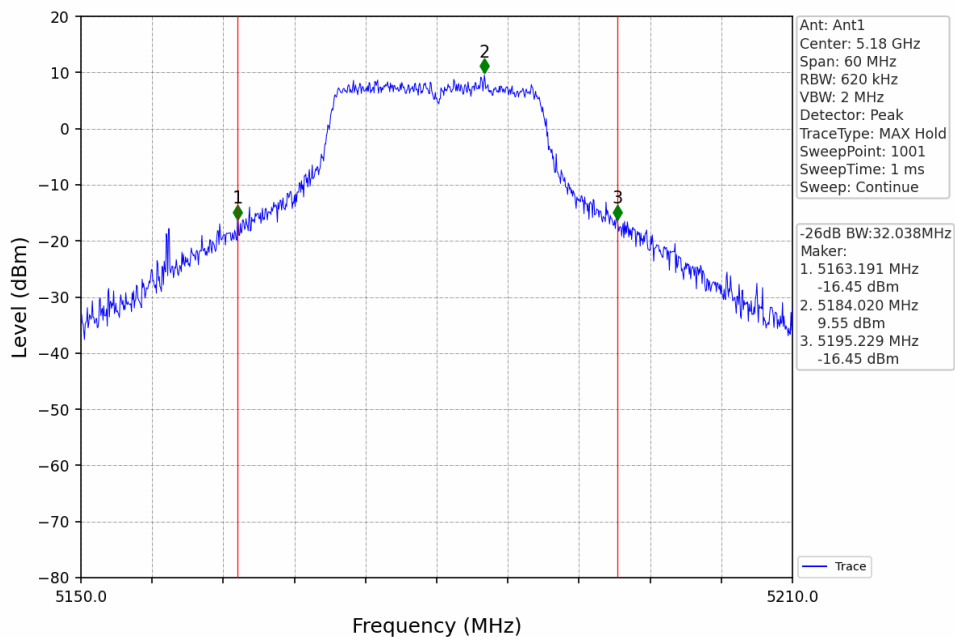




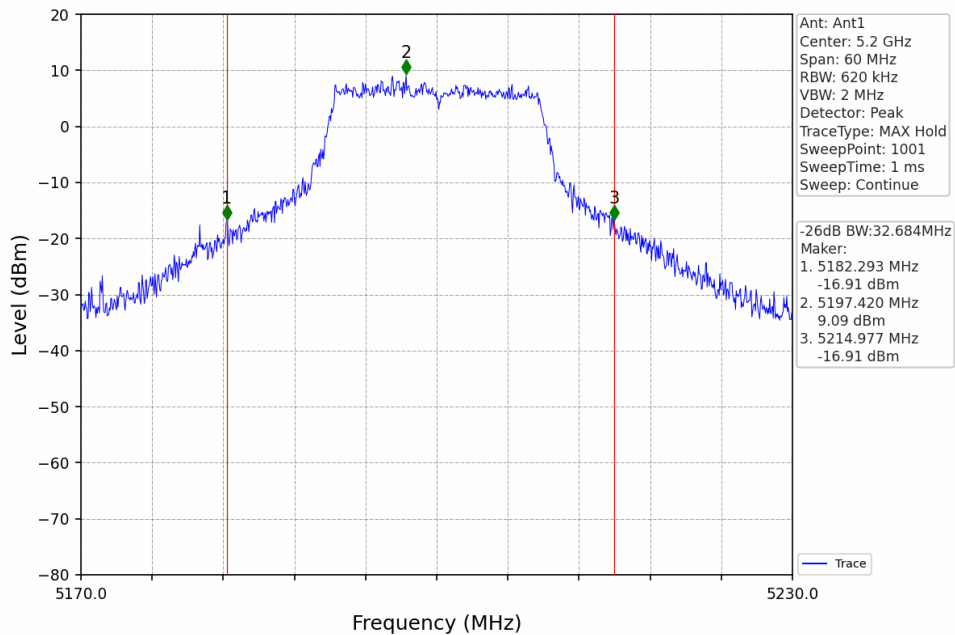
802.11n(HT40)\_HCH\_5670MHz\_Ant1\_NTNV



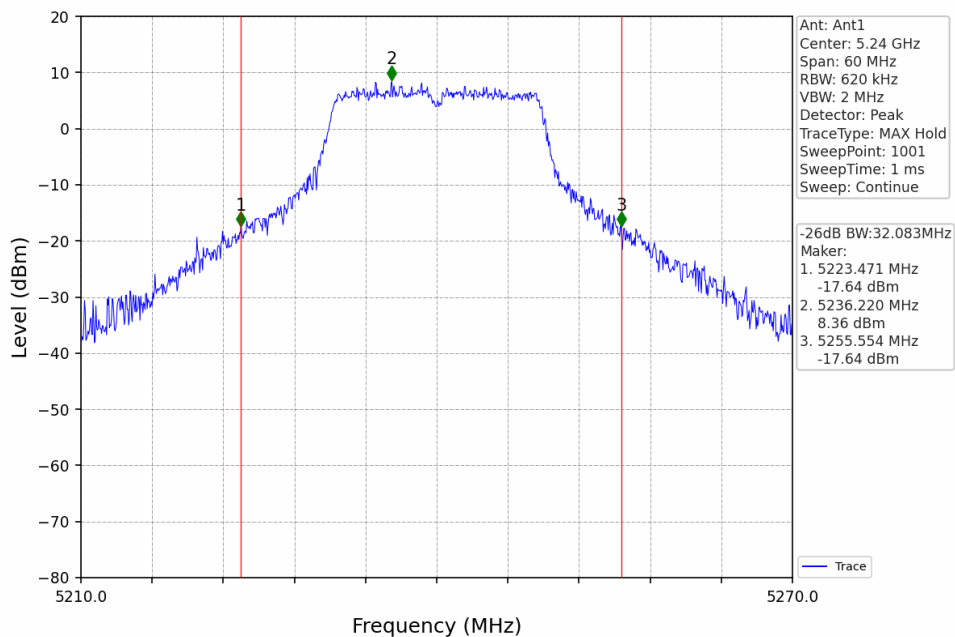
802.11ac(VHT20)\_LCH\_5180MHz\_Ant1\_NTNV



802.11ac(VHT20)\_MCH\_5200MHz\_Ant1\_NTNV



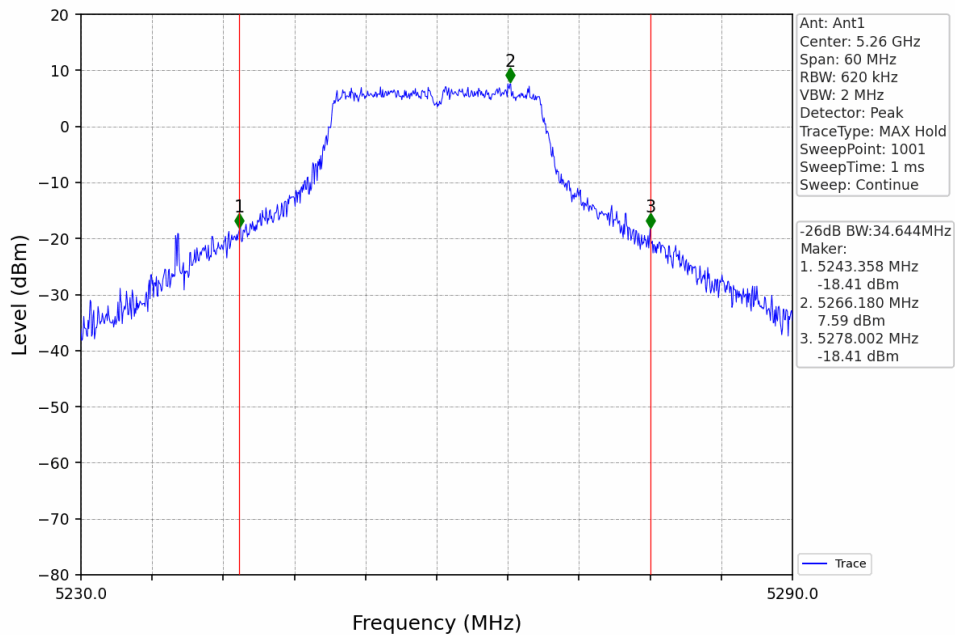
802.11ac(VHT20)\_HCH\_5240MHz\_Ant1\_NTNV



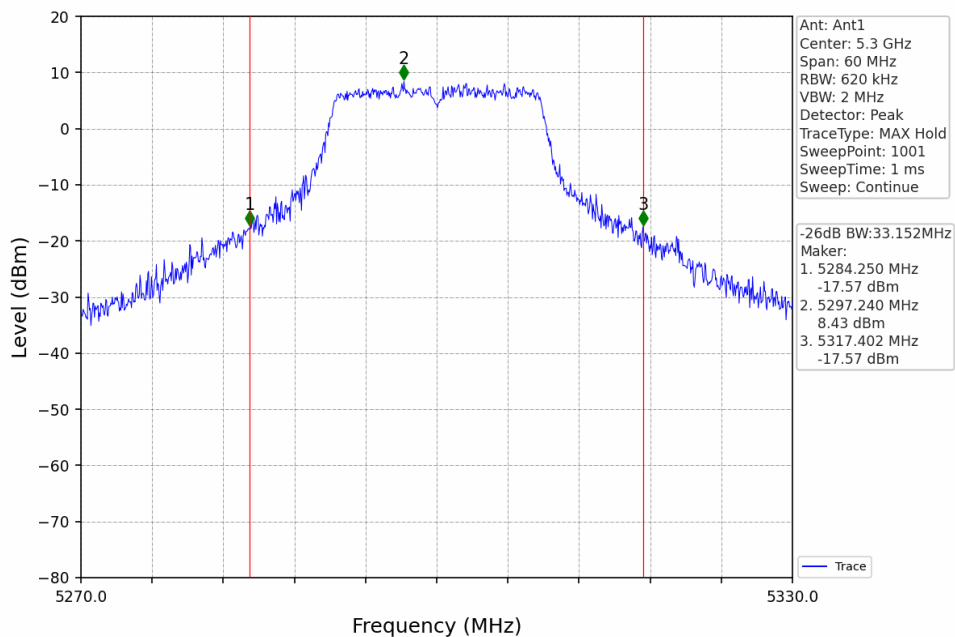
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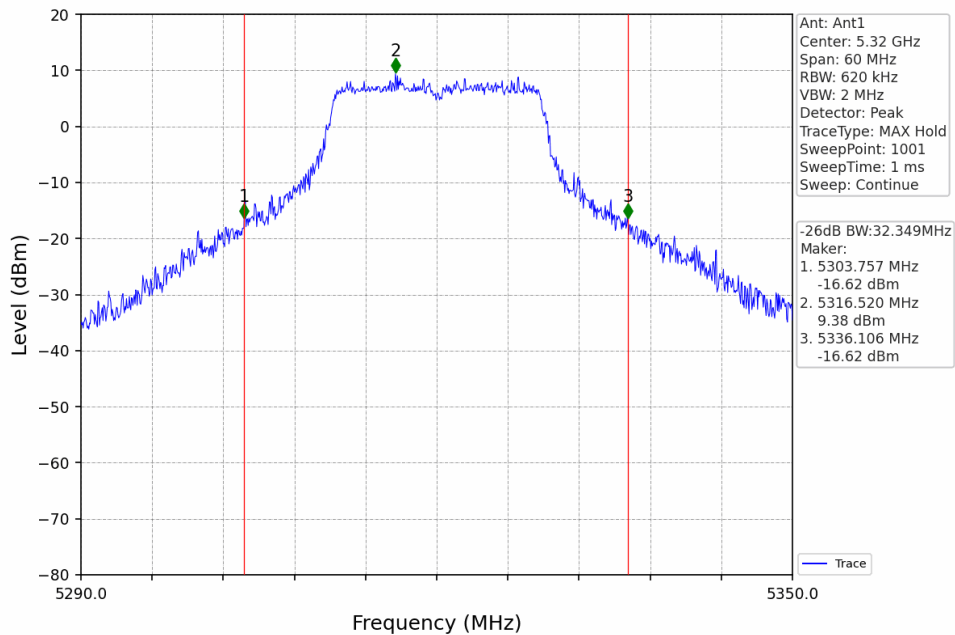
802.11ac(VHT20)\_LCH\_5260MHz\_Ant1\_NTNV



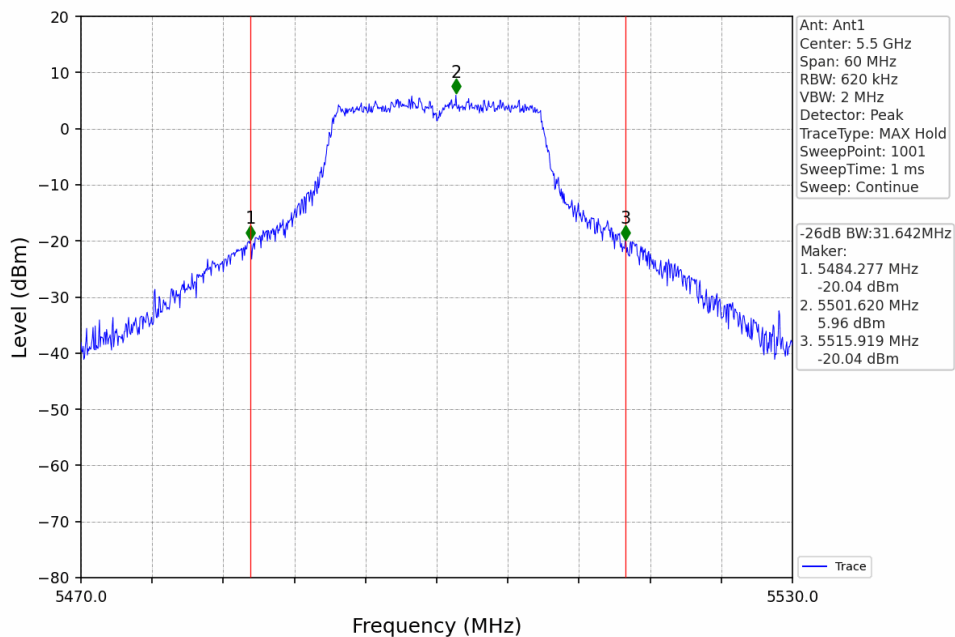
802.11ac(VHT20)\_MCH\_5300MHz\_Ant1\_NTNV



802.11ac(VHT20)\_HCH\_5320MHz\_Ant1\_NTNV

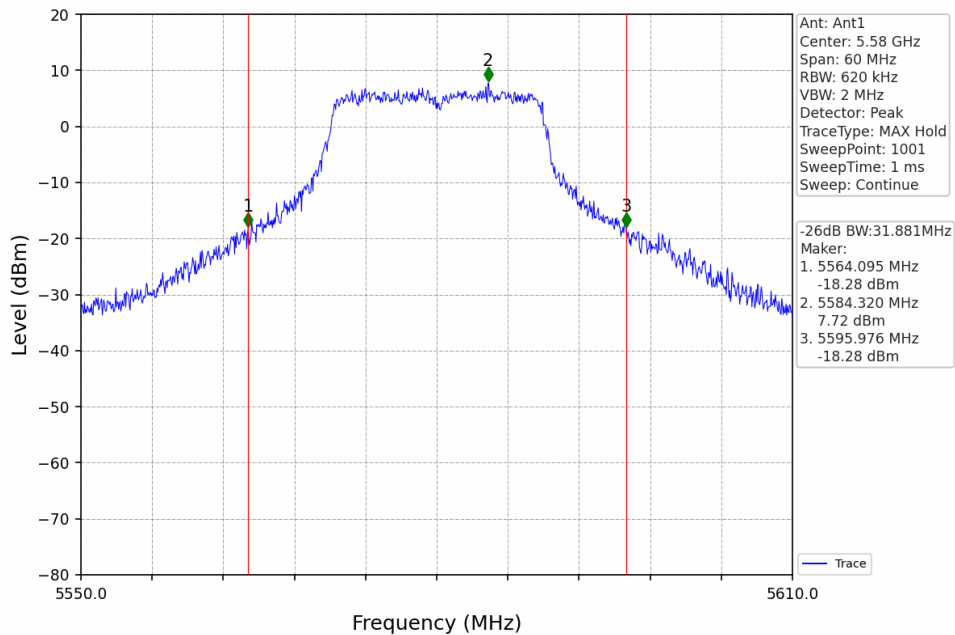


802.11ac(VHT20)\_LCH\_5500MHz\_Ant1\_NTNV

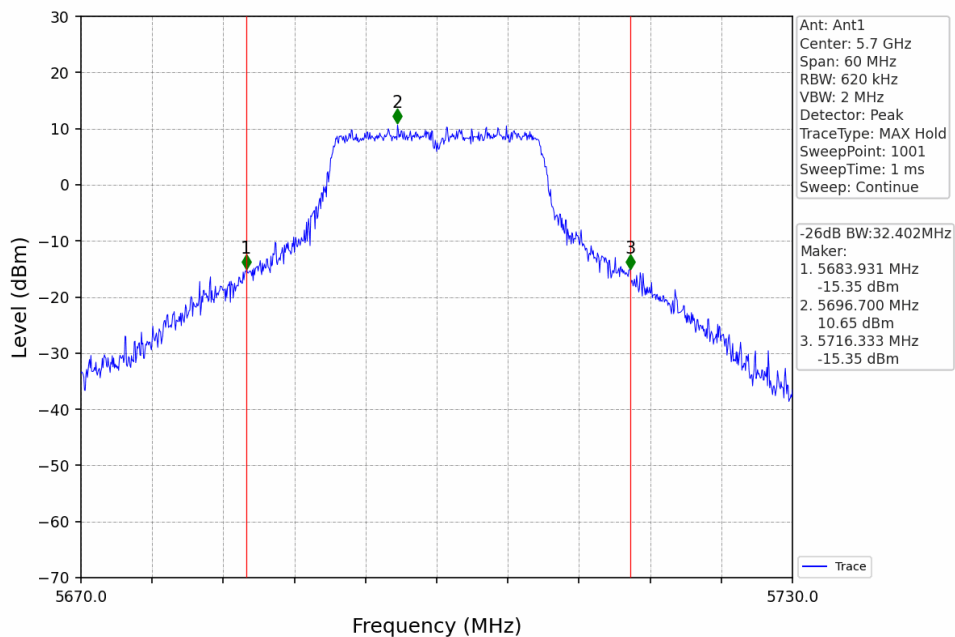




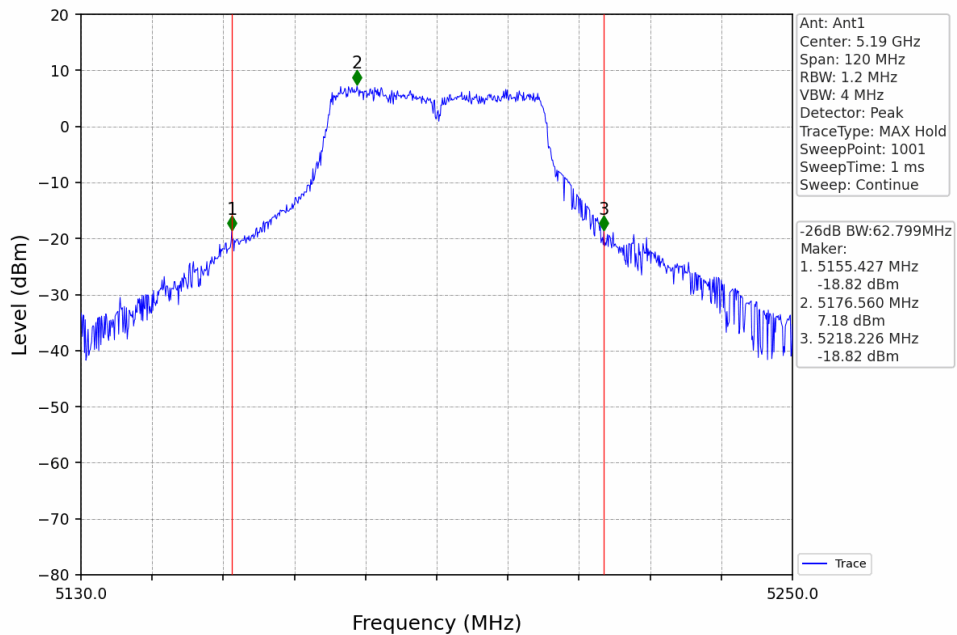
802.11ac(VHT20)\_MCH\_5580MHz\_Ant1\_NTNV



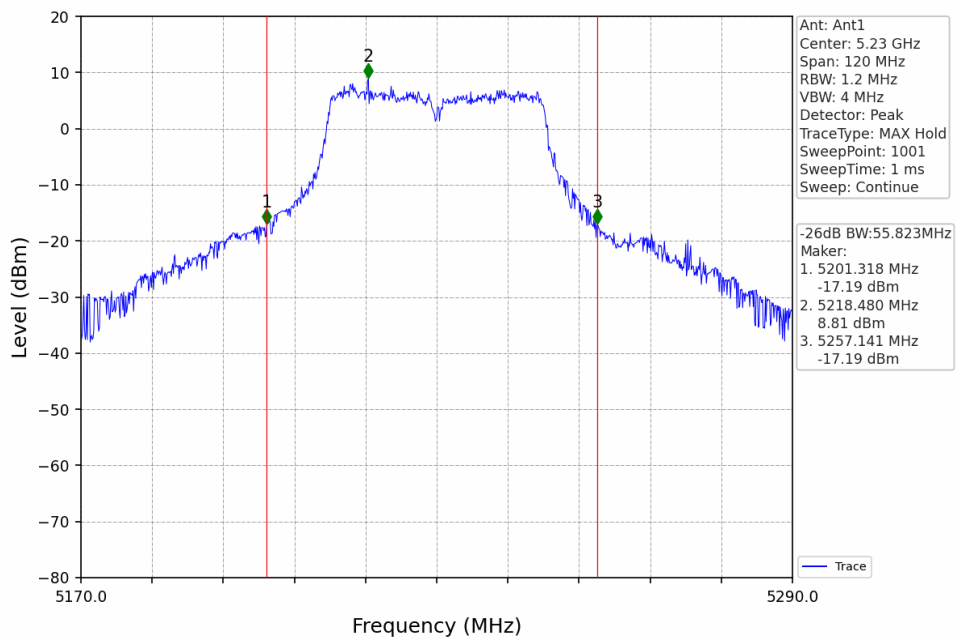
802.11ac(VHT20)\_HCH\_5700MHz\_Ant1\_NTNV



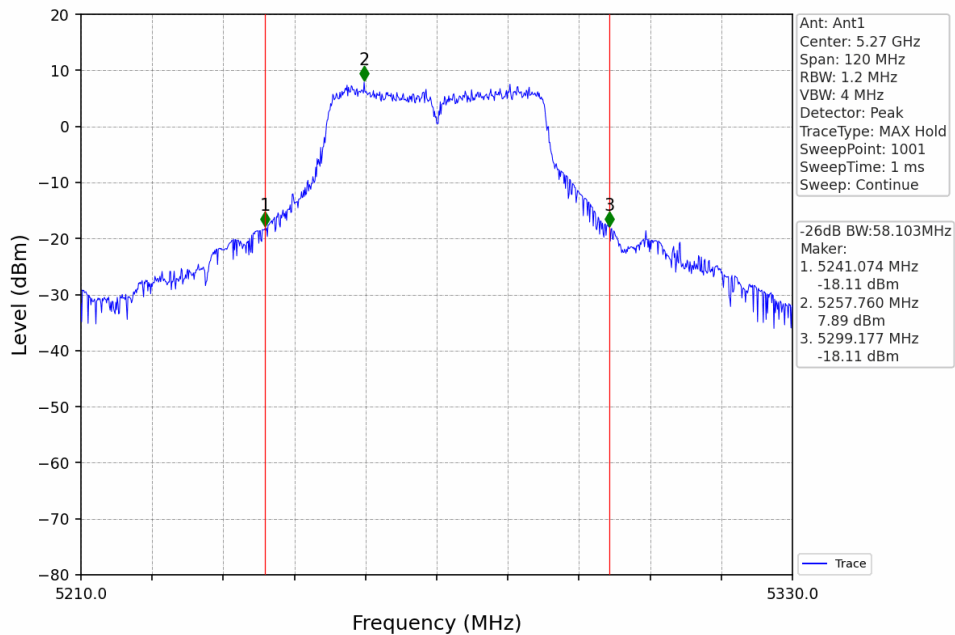
802.11ac(VHT40)\_LCH\_5190MHz\_Ant1\_NTNV



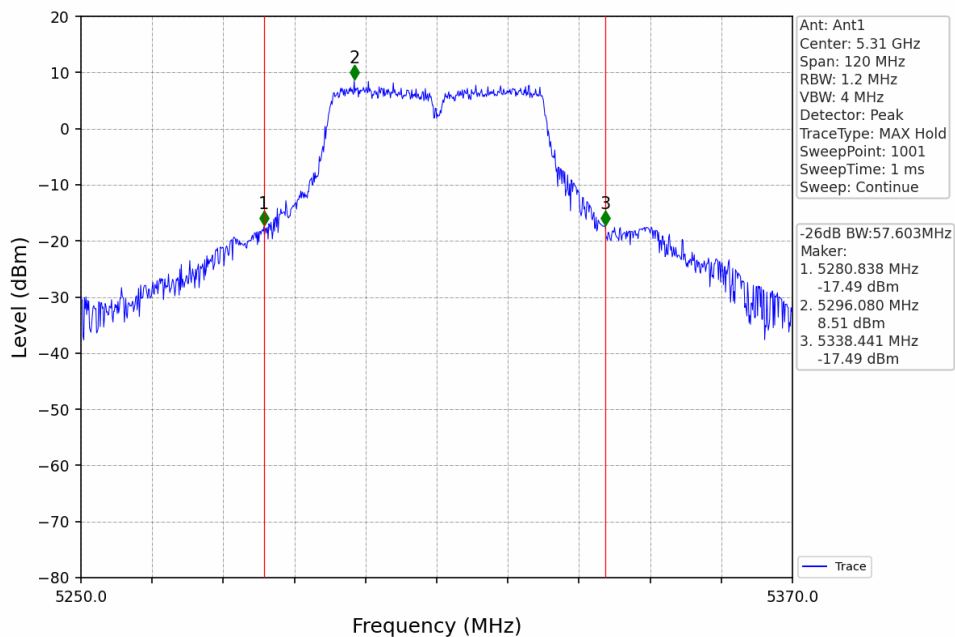
802.11ac(VHT40)\_HCH\_5230MHz\_Ant1\_NTNV



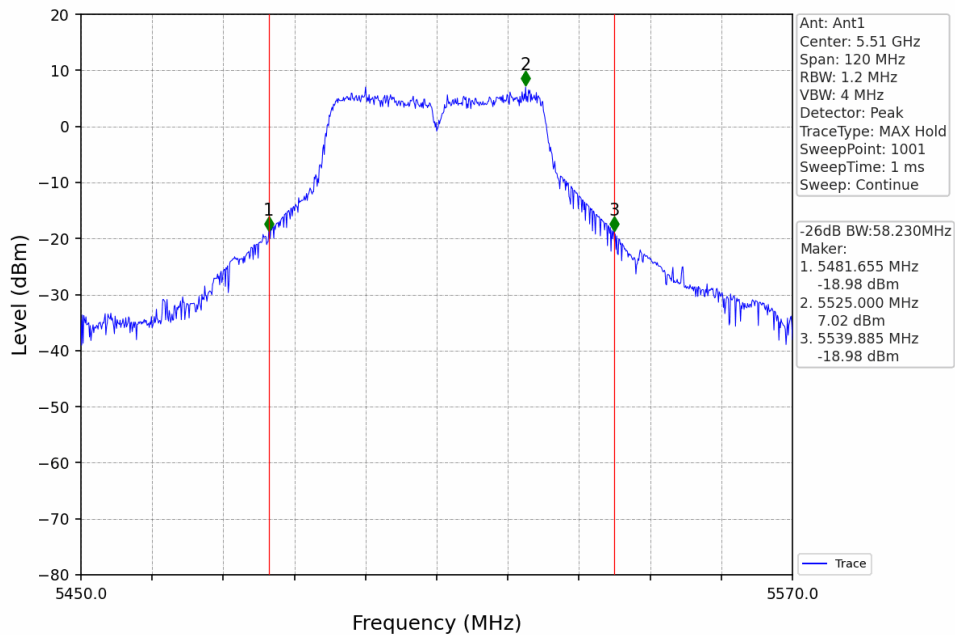
802.11ac(VHT40)\_LCH\_5270MHz\_Ant1\_NTNV



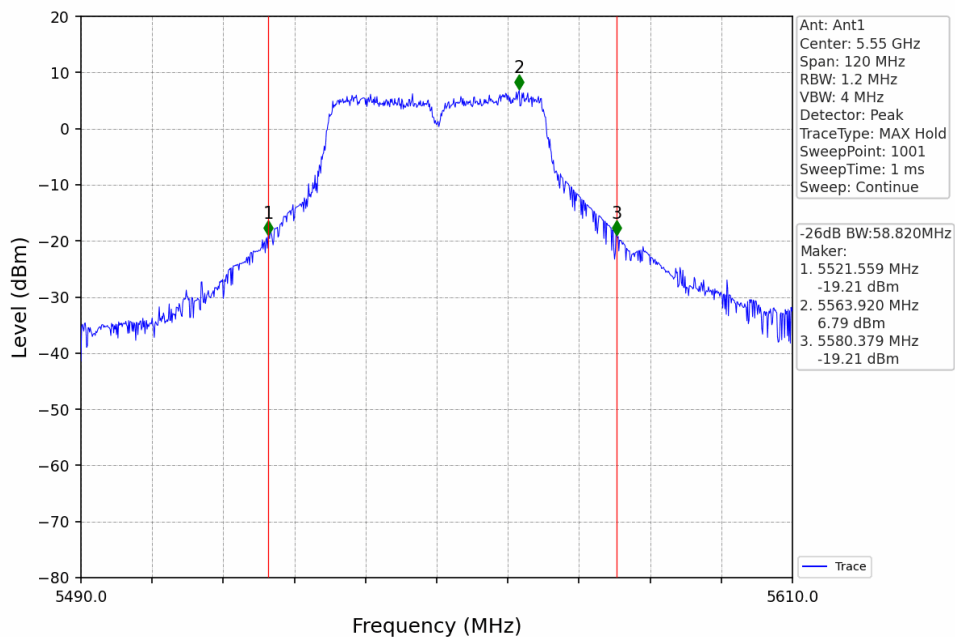
802.11ac(VHT40)\_HCH\_5310MHz\_Ant1\_NTNV



802.11ac(VHT40)\_LCH\_5510MHz\_Ant1\_NTNV

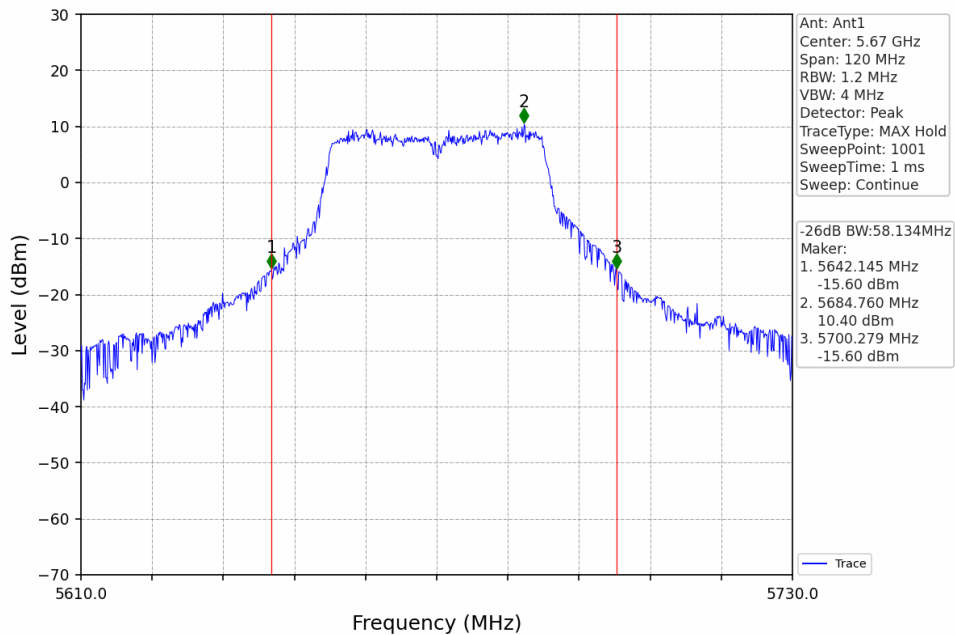


802.11ac(VHT40)\_MCH\_5550MHz\_Ant1\_NTNV

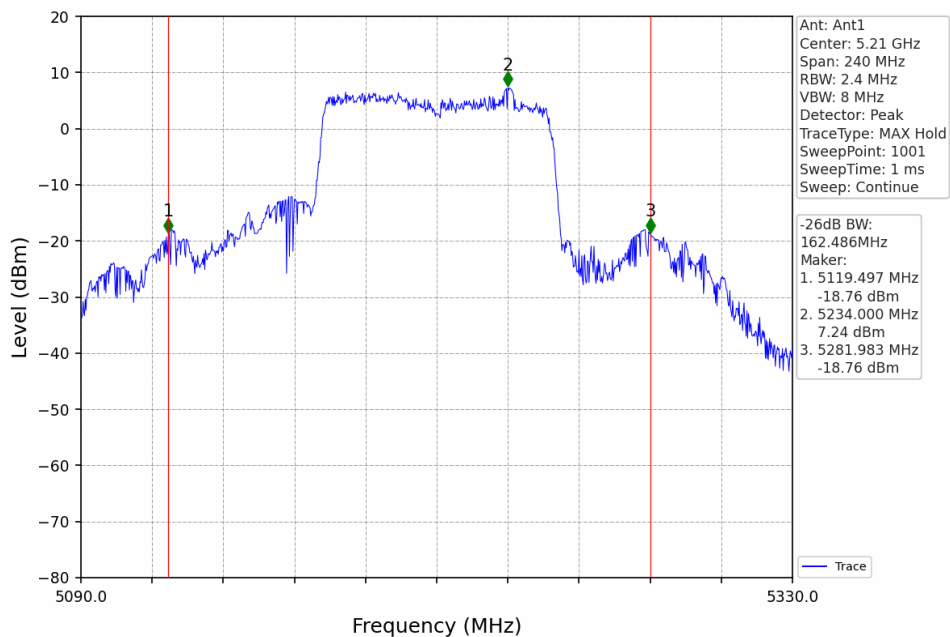




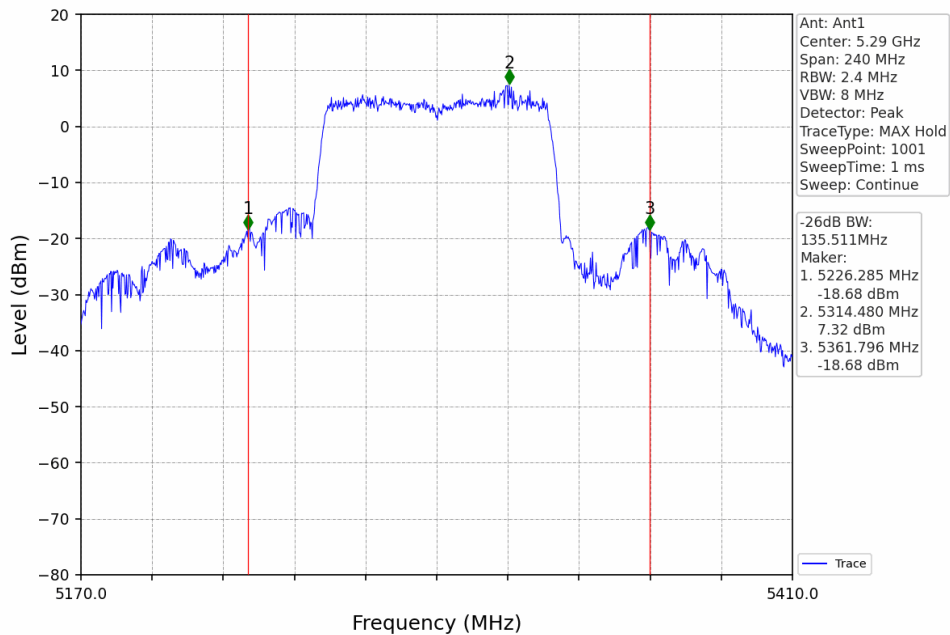
802.11ac(VHT40)\_HCH\_5670MHz\_Ant1\_NTNV



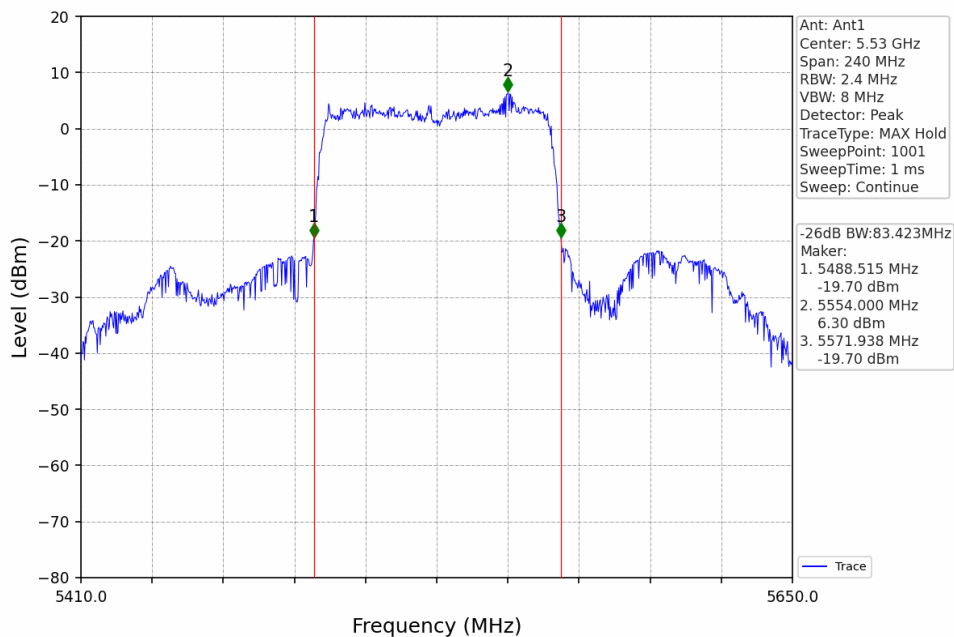
802.11ac(VHT80)\_MCH\_5210MHz\_Ant1\_NTNV



### 802.11ac(VHT80)\_MCH\_5290MHz\_Ant1\_NTNV



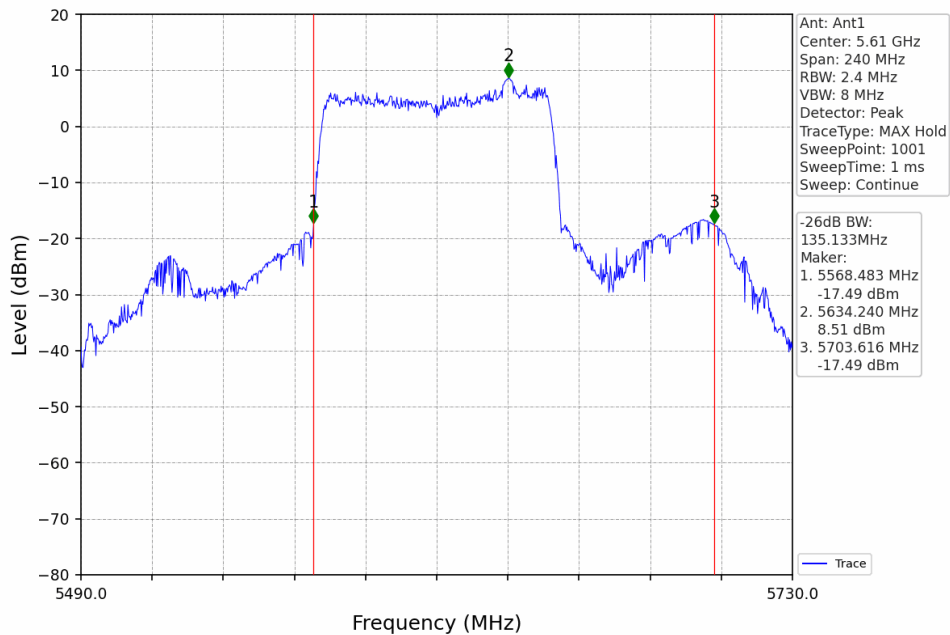
### 802.11ac(VHT80)\_LCH\_5530MHz\_Ant1\_NTNV



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### 802.11ac(VHT80)\_HCH\_5610MHz\_Ant1\_NTNV



## 3. Maximum Conducted Output Power

## 3.1 Power

## 3.1.1 Test Result

Mode	TX Type	Frequency (MHz)	Maximum Peak Conducted Output Power (dBm)		Verdict
			Ant1	Limit	
802.11a	SISO	5180	13.70	<=23.98	Pass
		5200	13.72	<=23.98	Pass
		5240	13.23	<=23.98	Pass
		5260	13.10	<=23.98	Pass
		5300	13.65	<=23.98	Pass
		5320	14.05	<=23.98	Pass
		5500	12.78	<=23.98	Pass
		5580	13.57	<=23.98	Pass
		5700	16.94	<=23.98	Pass
		5745	16.42	<=30	Pass
		5785	17.21	<=30	Pass
		5825	17.54	<=30	Pass
802.11n (HT20)	SISO	5180	14.75	<=23.98	Pass
		5200	14.03	<=23.98	Pass
		5240	13.71	<=23.98	Pass
		5260	12.90	<=23.98	Pass
		5300	13.51	<=23.98	Pass
		5320	14.22	<=23.98	Pass
		5500	12.49	<=23.98	Pass
		5580	14.14	<=23.98	Pass
		5700	17.41	<=23.98	Pass
		5745	17.14	<=30	Pass
		5785	17.37	<=30	Pass
		5825	17.78	<=30	Pass
802.11n (HT40)	SISO	5190	12.52	<=23.98	Pass
		5230	10.85	<=23.98	Pass
		5270	10.49	<=23.98	Pass
		5310	11.05	<=23.98	Pass
		5510	9.53	<=23.98	Pass
		5550	10.34	<=23.98	Pass
		5670	13.06	<=23.98	Pass
		5755	14.18	<=30	Pass
		5795	14.26	<=30	Pass



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802.11ac (VHT20)	SISO	5180	13.24	<=23.98	Pass
		5200	12.60	<=23.98	Pass
		5240	12.36	<=23.98	Pass
		5260	12.05	<=23.98	Pass
		5300	12.73	<=23.98	Pass
		5320	13.22	<=23.98	Pass
		5500	10.39	<=23.98	Pass
		5580	12.00	<=23.98	Pass
		5700	15.16	<=23.98	Pass
		5745	13.43	<=30	Pass
		5785	14.52	<=30	Pass
		5825	14.93	<=30	Pass
802.11ac (VHT40)	SISO	5190	10.31	<=23.98	Pass
		5230	10.59	<=23.98	Pass
		5270	10.21	<=23.98	Pass
		5310	11.25	<=23.98	Pass
		5510	9.13	<=23.98	Pass
		5550	9.48	<=23.98	Pass
		5670	12.75	<=23.98	Pass
		5755	13.27	<=30	Pass
		5795	13.27	<=30	Pass
802.11ac (VHT80)	SISO	5210	8.28	<=23.98	Pass
		5290	7.62	<=23.98	Pass
		5530	6.14	<=23.98	Pass
		5610	8.14	<=23.98	Pass
		5775	10.62	<=30	Pass

## 4. Maximum Power Spectral Density

### 4.1 PSD

#### 4.1.1 Test Result

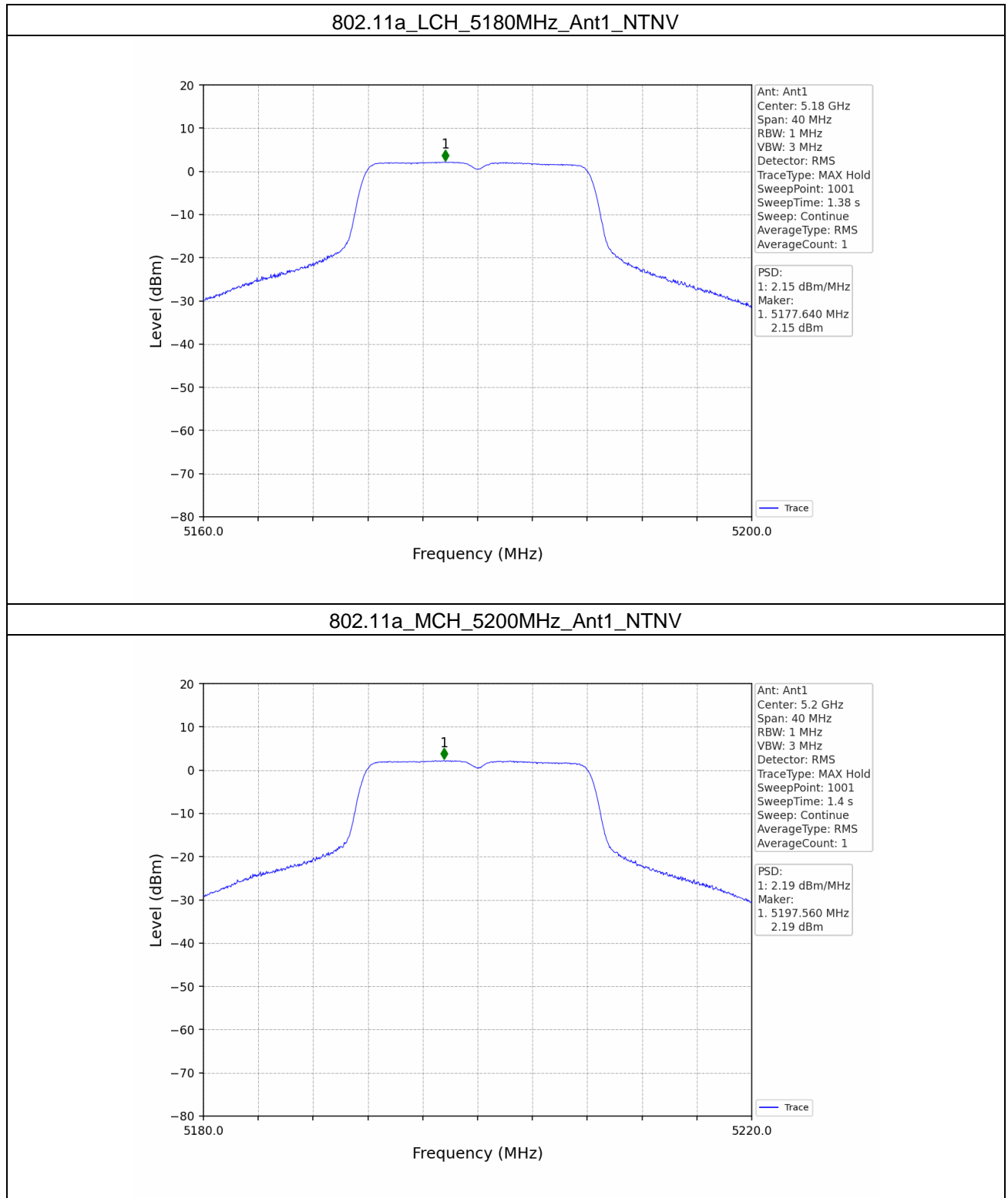
Mode	TX Type	Frequency (MHz)	Maximum PSD (dBm/MHz)		Verdict
			Ant1	Limit	
802.11a	SISO	5180	2.15	<=11	Pass
		5200	2.19	<=11	Pass
		5240	1.67	<=11	Pass
		5260	1.56	<=11	Pass
		5300	2.13	<=11	Pass
		5320	2.52	<=11	Pass
		5500	1.24	<=11	Pass
		5580	2.26	<=11	Pass



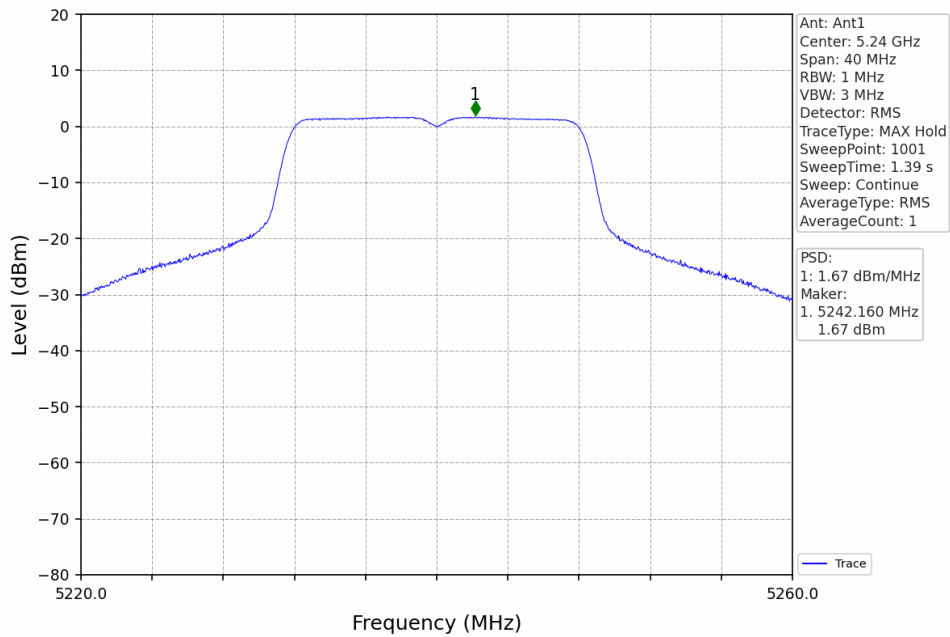
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		5700	5.58	<=11	Pass
802.11n (HT20)	SISO	5180	3.04	<=11	Pass
		5200	2.45	<=11	Pass
		5240	2.08	<=11	Pass
		5260	1.30	<=11	Pass
		5300	2.02	<=11	Pass
		5320	2.59	<=11	Pass
		5500	0.88	<=11	Pass
		5580	2.58	<=11	Pass
		5700	5.77	<=11	Pass
802.11n (HT40)	SISO	5190	-1.81	<=11	Pass
		5230	-3.88	<=11	Pass
		5270	-3.96	<=11	Pass
		5310	-3.53	<=11	Pass
		5510	-4.89	<=11	Pass
		5550	-4.12	<=11	Pass
		5670	-1.38	<=11	Pass
802.11ac (VHT20)	SISO	5180	1.83	<=11	Pass
		5200	1.36	<=11	Pass
		5240	0.94	<=11	Pass
		5260	0.49	<=11	Pass
		5300	1.02	<=11	Pass
		5320	1.61	<=11	Pass
		5500	-1.07	<=11	Pass
		5580	0.38	<=11	Pass
802.11ac (VHT40)	SISO	5700	3.36	<=11	Pass
		5190	-3.74	<=11	Pass
		5230	-3.54	<=11	Pass
		5270	-4.18	<=11	Pass
		5310	-3.03	<=11	Pass
		5510	-5.33	<=11	Pass
		5550	-4.72	<=11	Pass
802.11ac (VHT80)	SISO	5670	-1.52	<=11	Pass
		5210	-8.44	<=11	Pass
		5290	-9.65	<=11	Pass
		5530	-10.87	<=11	Pass
		5610	-8.46	<=11	Pass

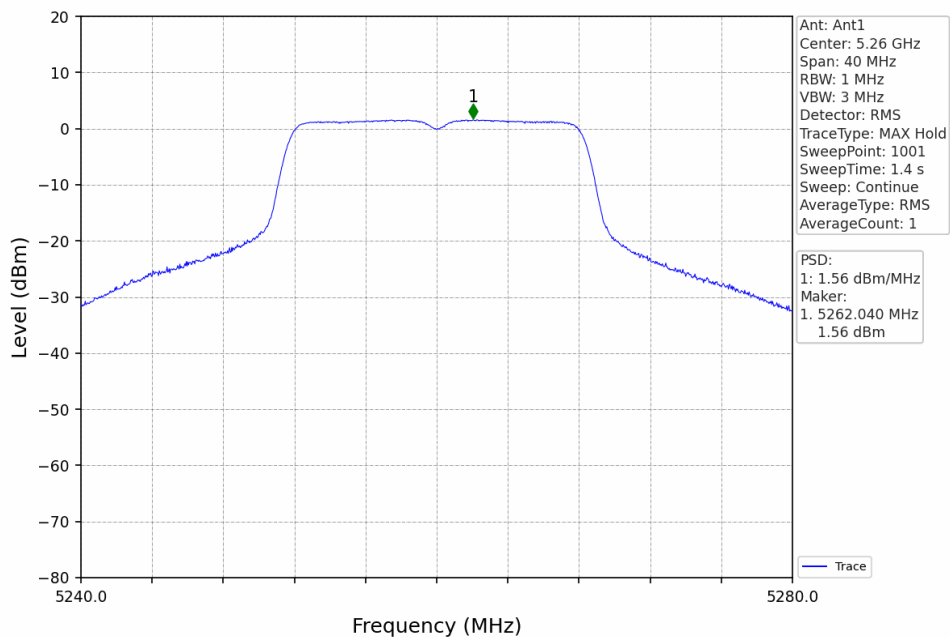
### 4.1.2 Test Graph



802.11a\_HCH\_5240MHz\_Ant1\_NTNV



802.11a\_LCH\_5260MHz\_Ant1\_NTNV



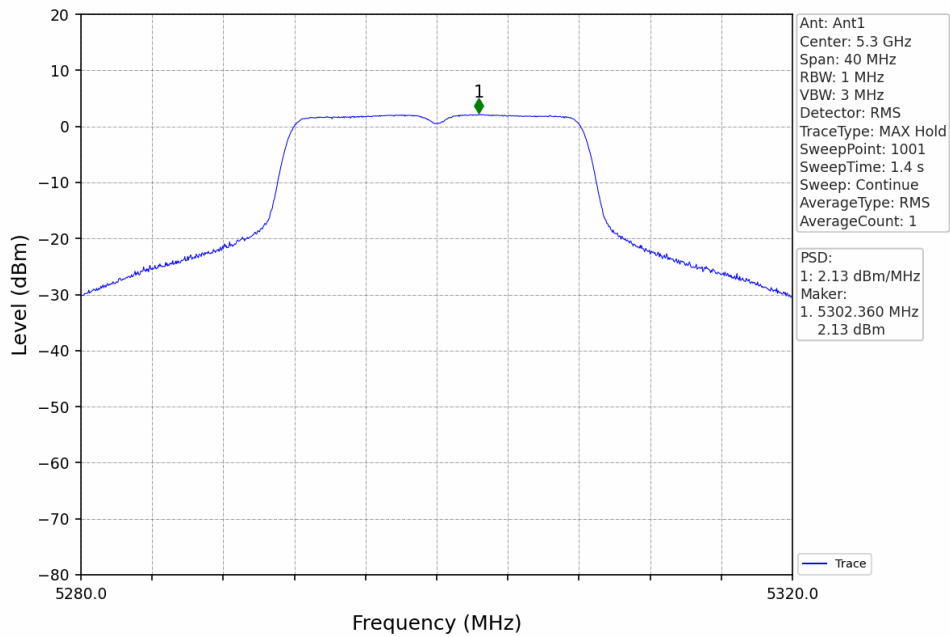
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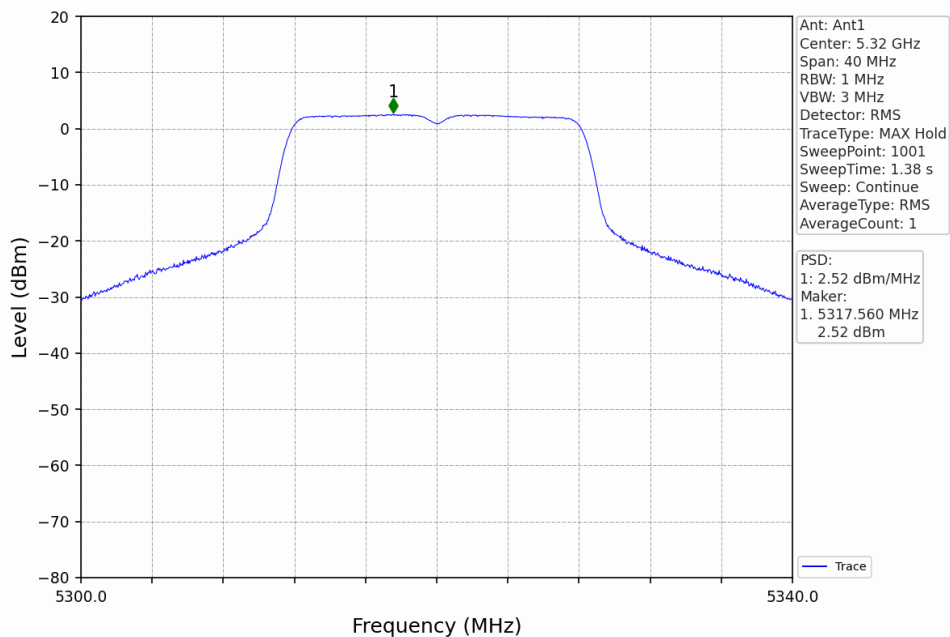
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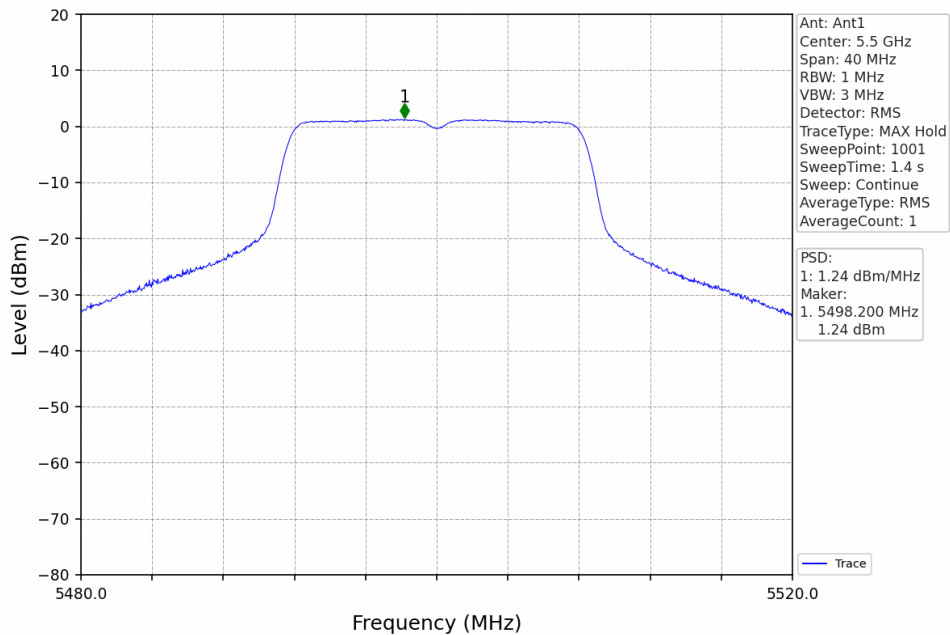
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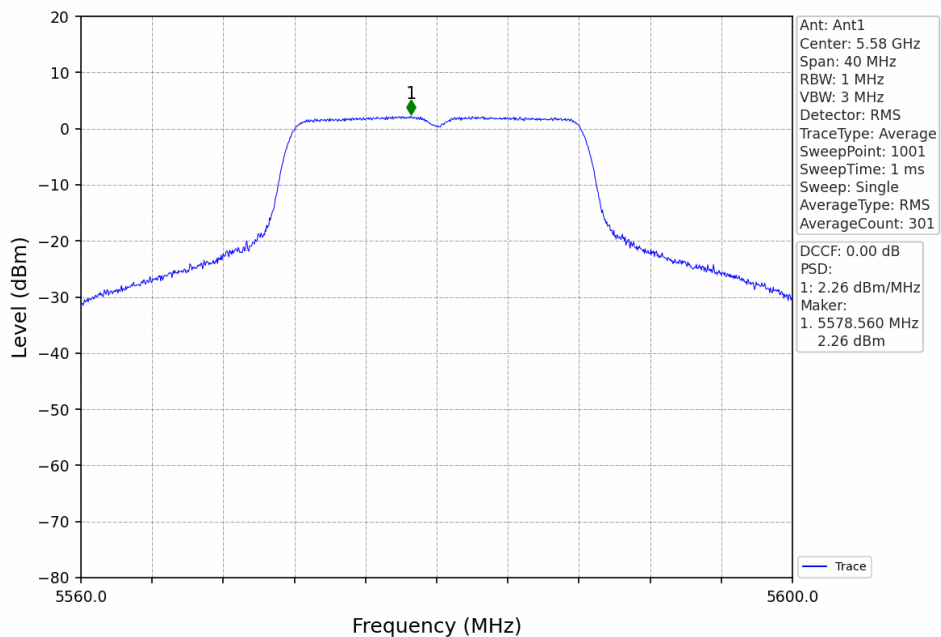
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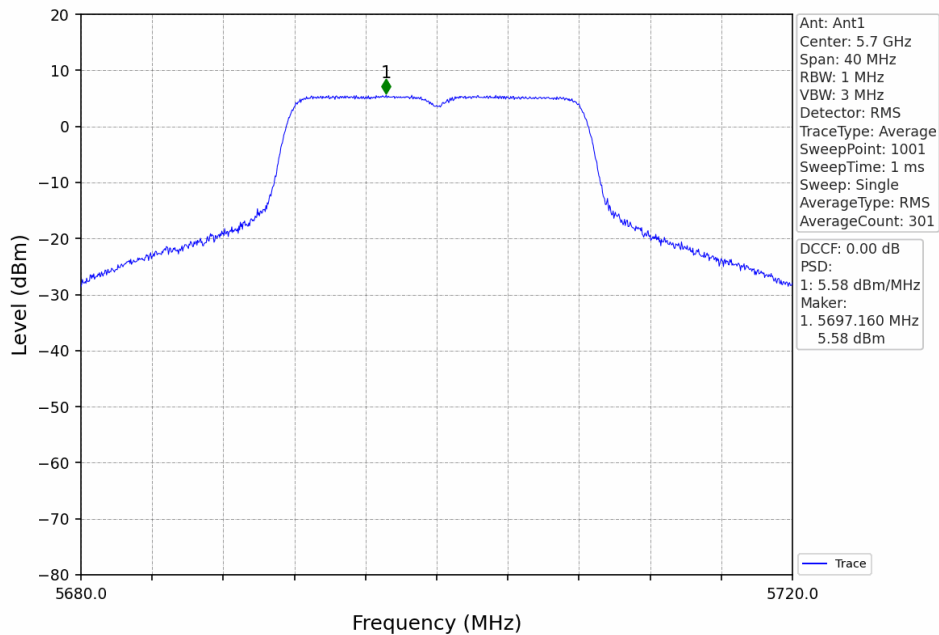
802.11a\_LCH\_5500MHz\_Ant1\_NTNV



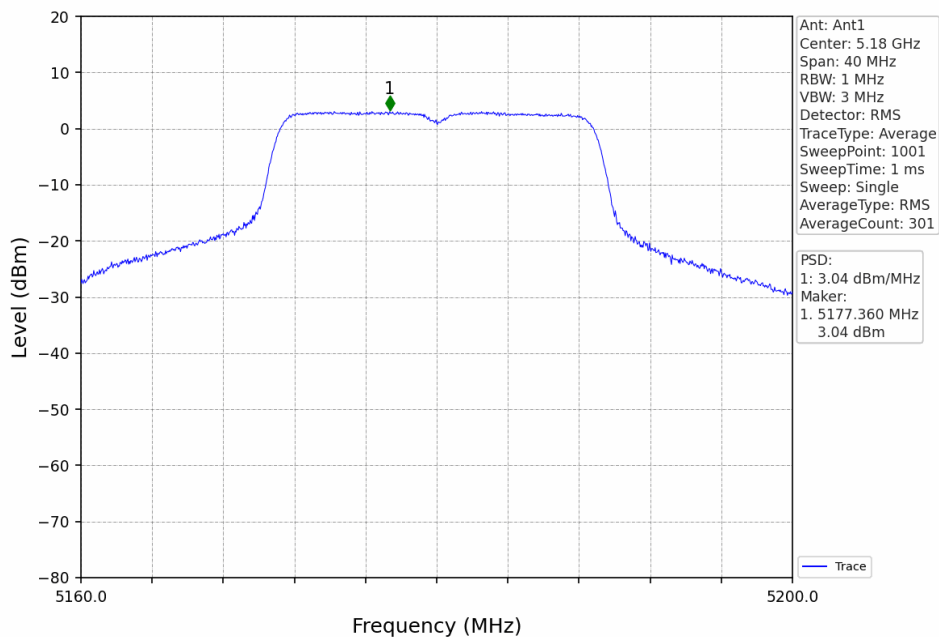
802.11a\_MCH\_5580MHz\_Ant1\_NTNV



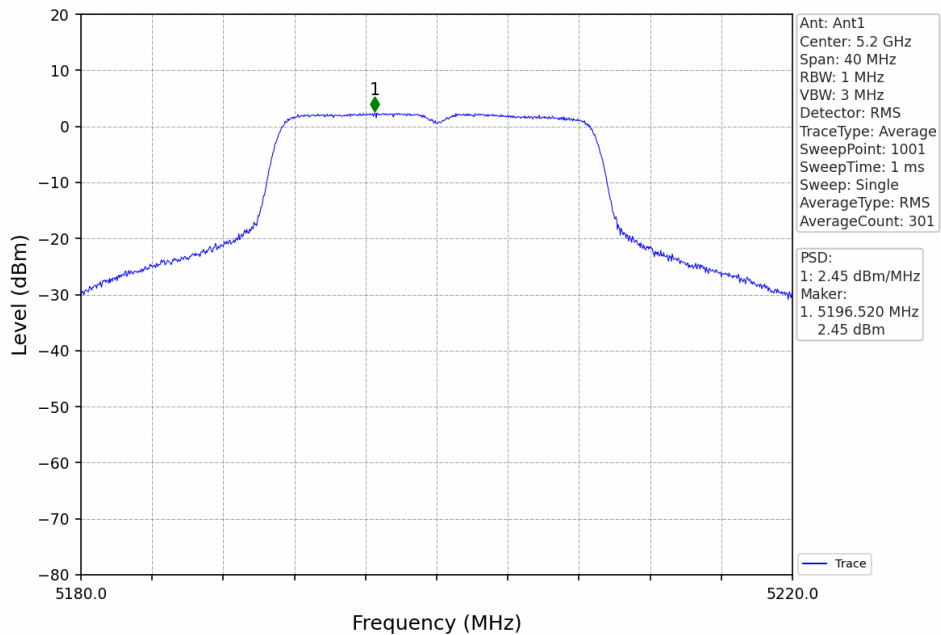
802.11a\_HCH\_5700MHz\_Ant1\_NTNV



802.11n(HT20)\_LCH\_5180MHz\_Ant1\_NTNV



802.11n(HT20)\_MCH\_5200MHz\_Ant1\_NTNV



802.11n(HT20)\_HCH\_5240MHz\_Ant1\_NTNV

