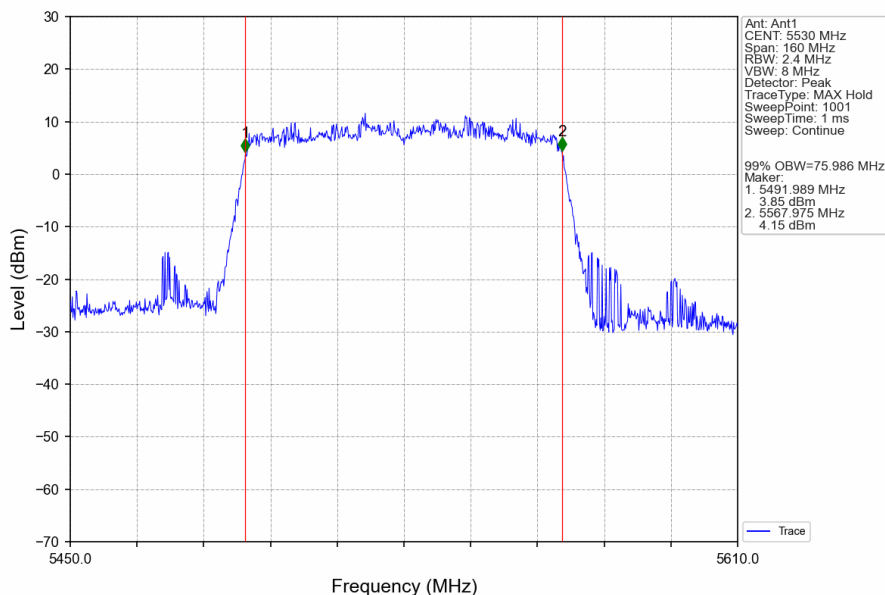
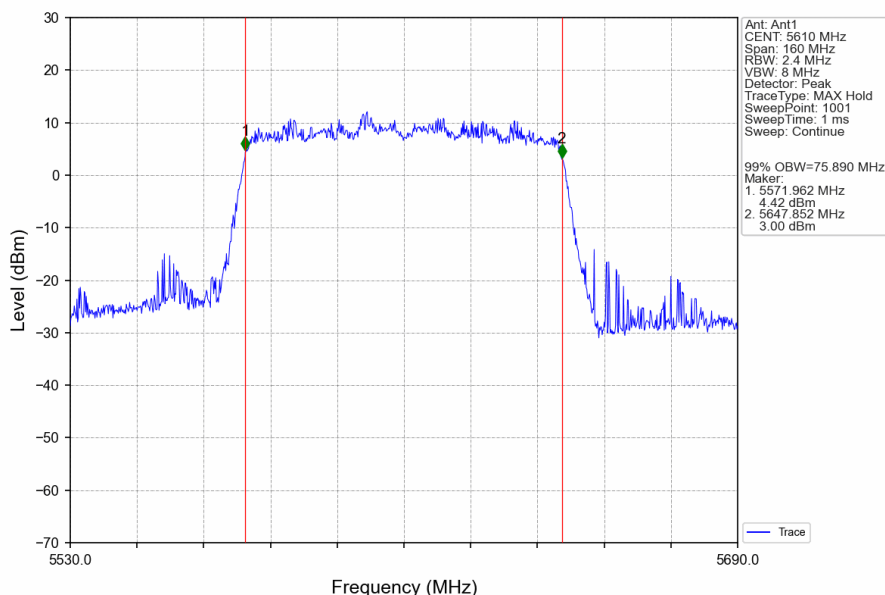


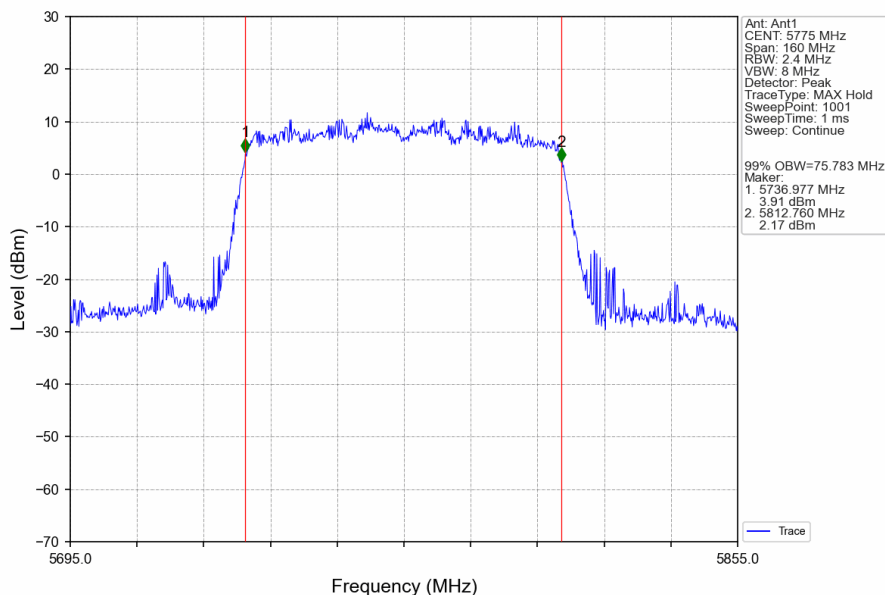
### 802.11ac(VHT80)\_LCH\_5530MHz\_Ant1\_NTNV



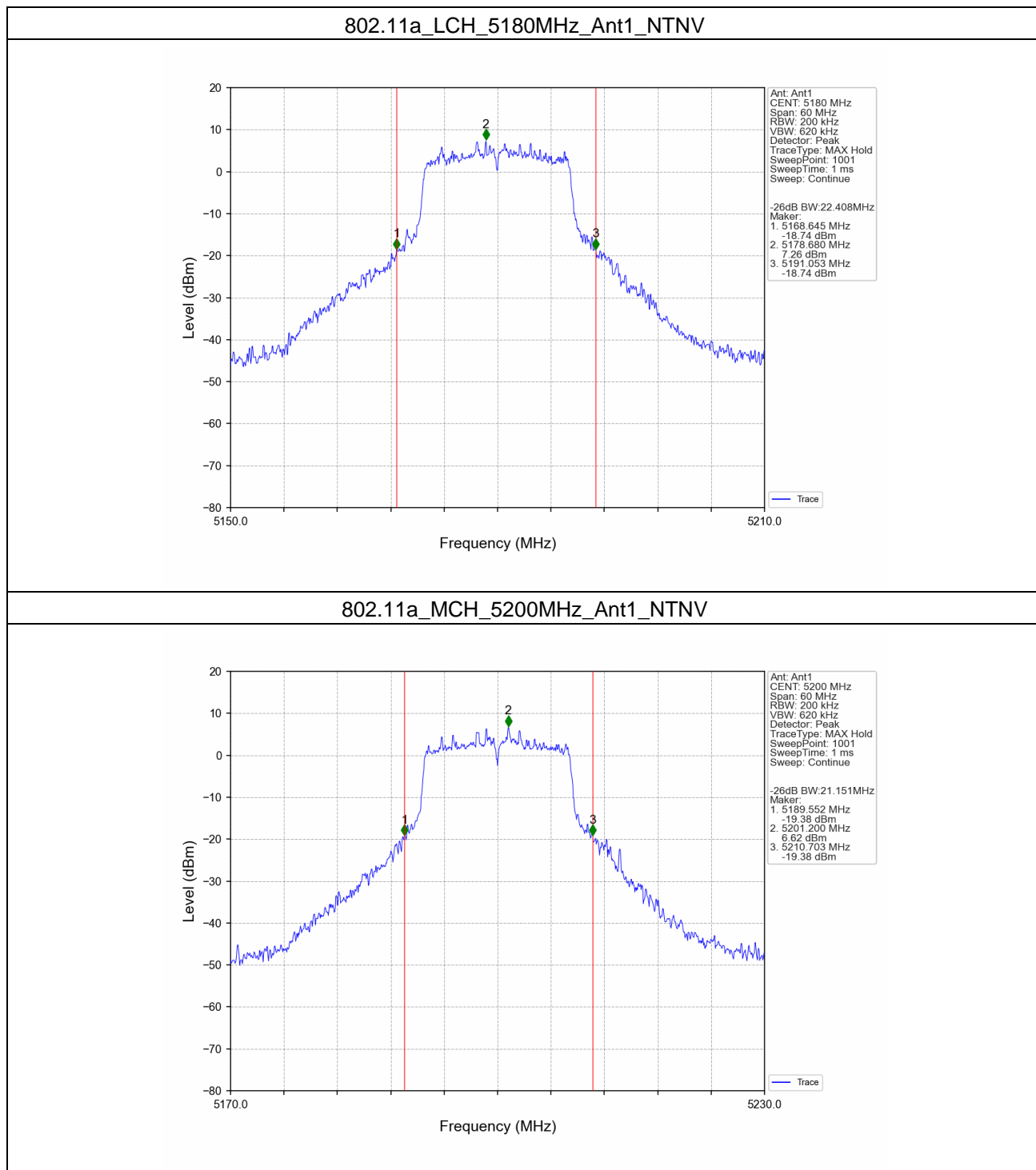
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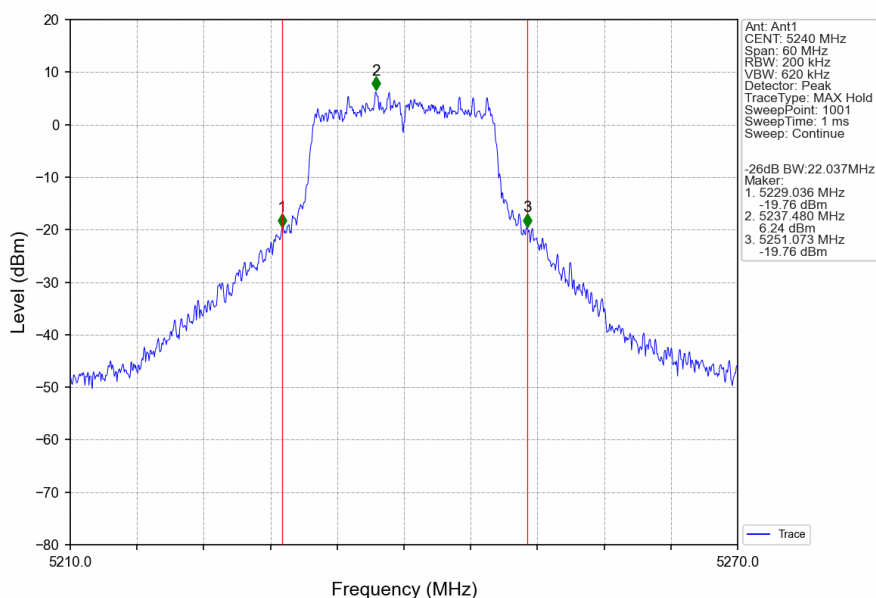
### 802.11ac(VHT80)\_MCH\_5775MHz\_Ant1\_NTNV



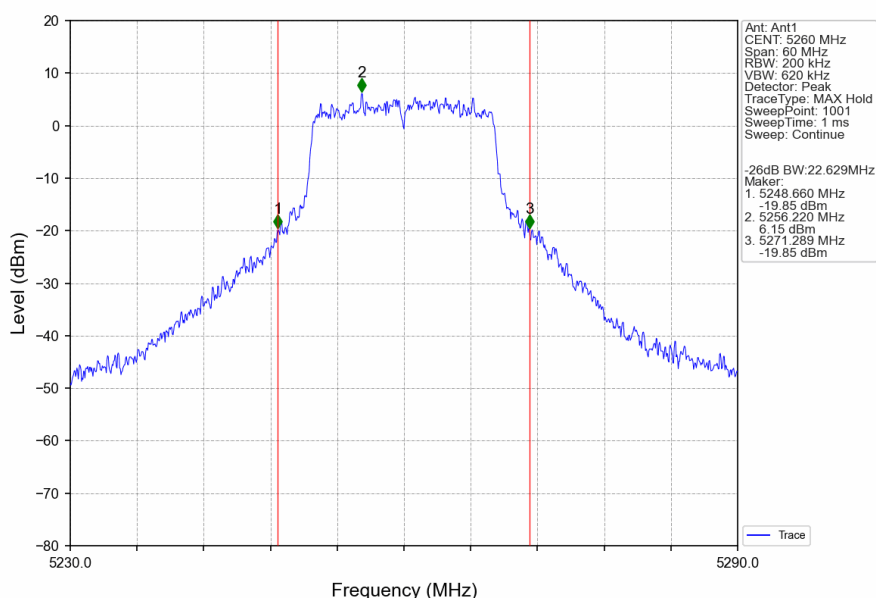
### 2.2.2 26dB BW



### 802.11a\_HCH\_5240MHz\_Ant1\_NTNV



### 802.11a\_LCH\_5260MHz\_Ant1\_NTNV



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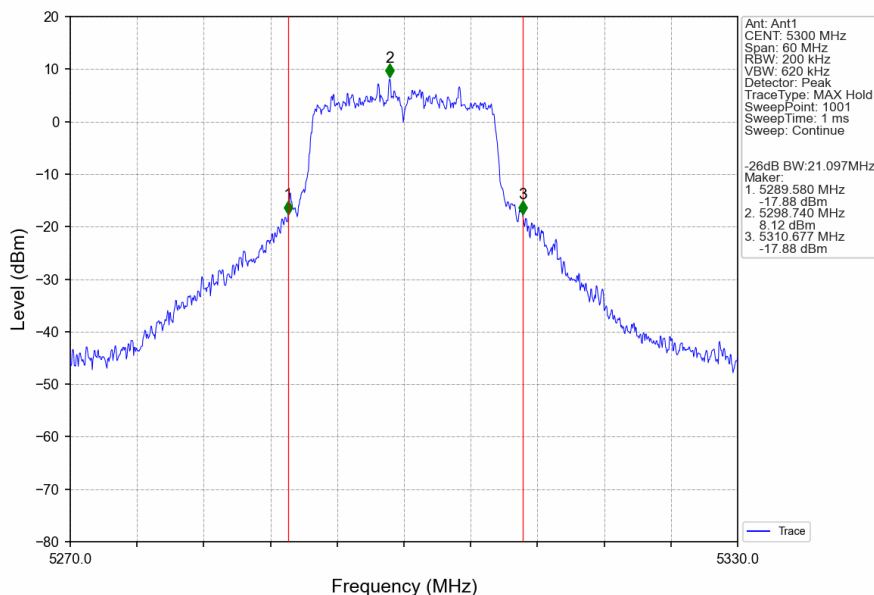
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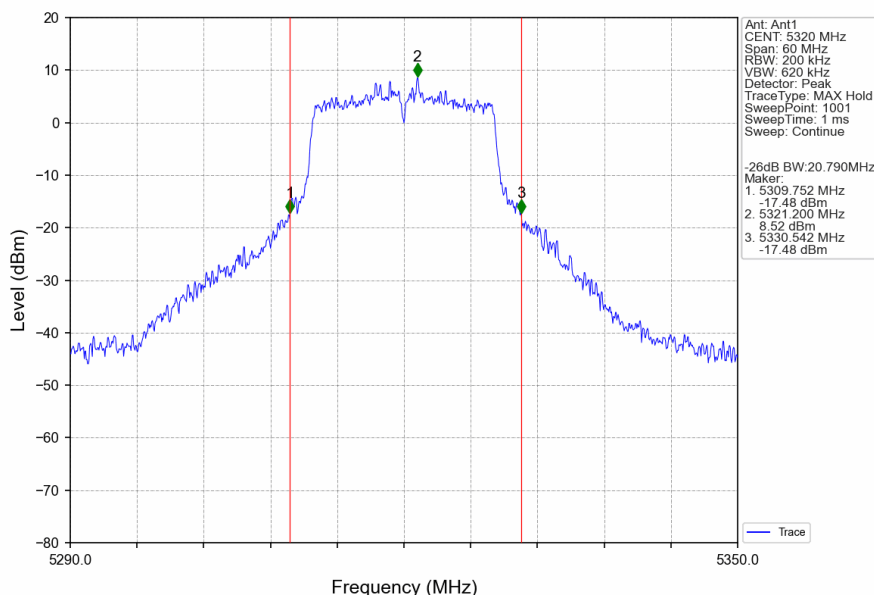
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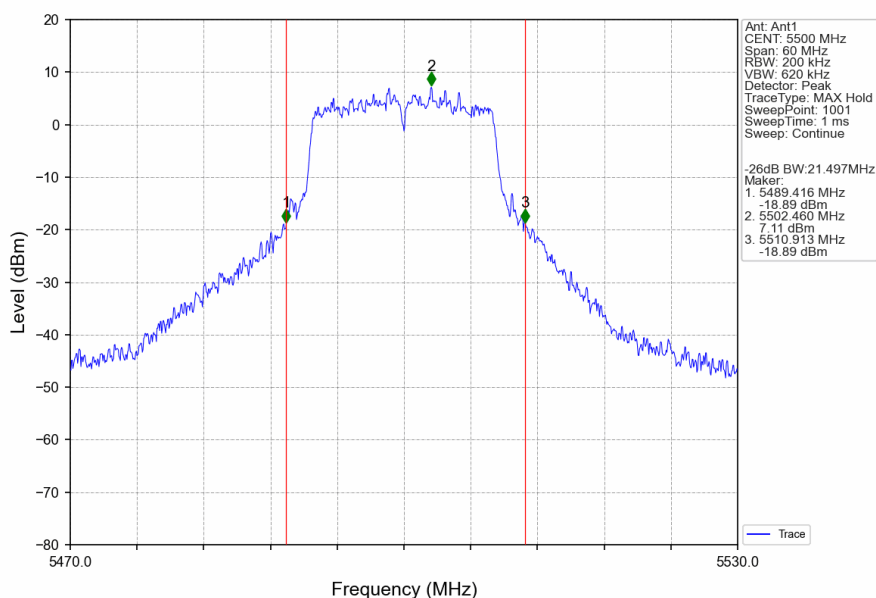
### 802.11a\_MCH\_5300MHz\_Ant1\_NTNV



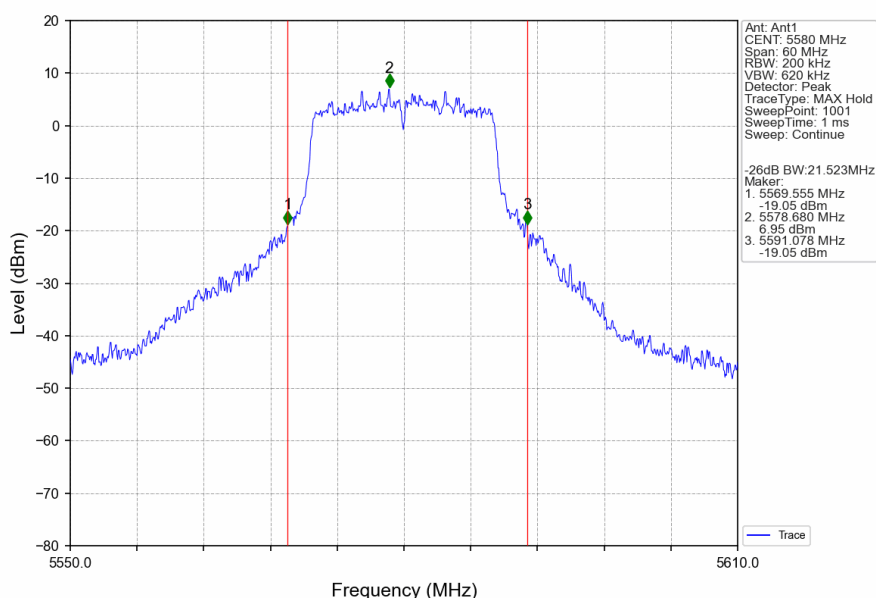
### 802.11a\_HCH\_5320MHz\_Ant1\_NTNV



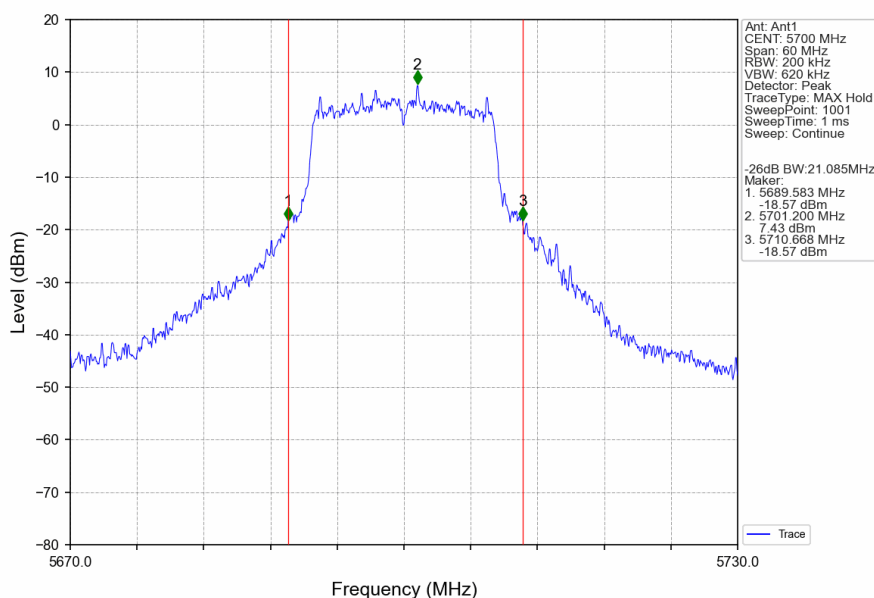
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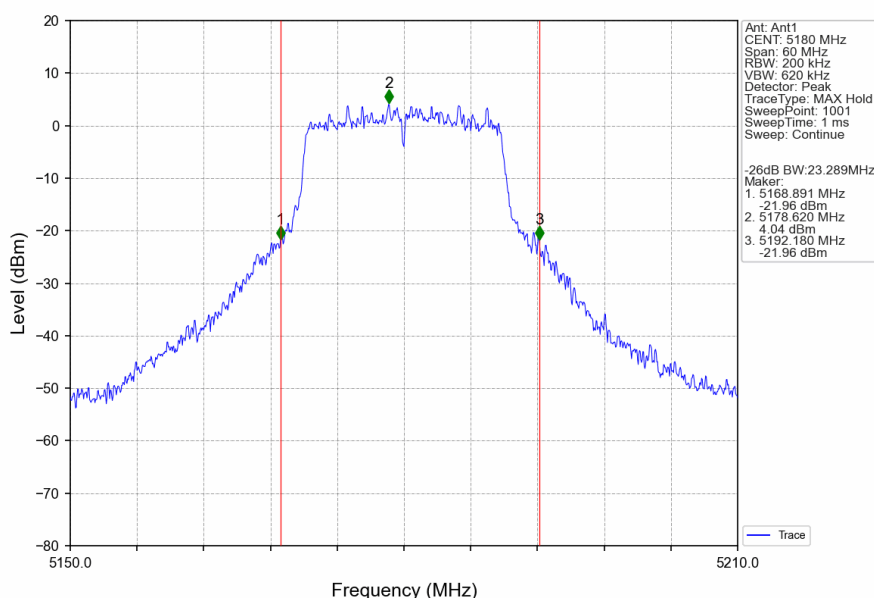
802.11a\_MCH\_5580MHz\_Ant1\_NTNV



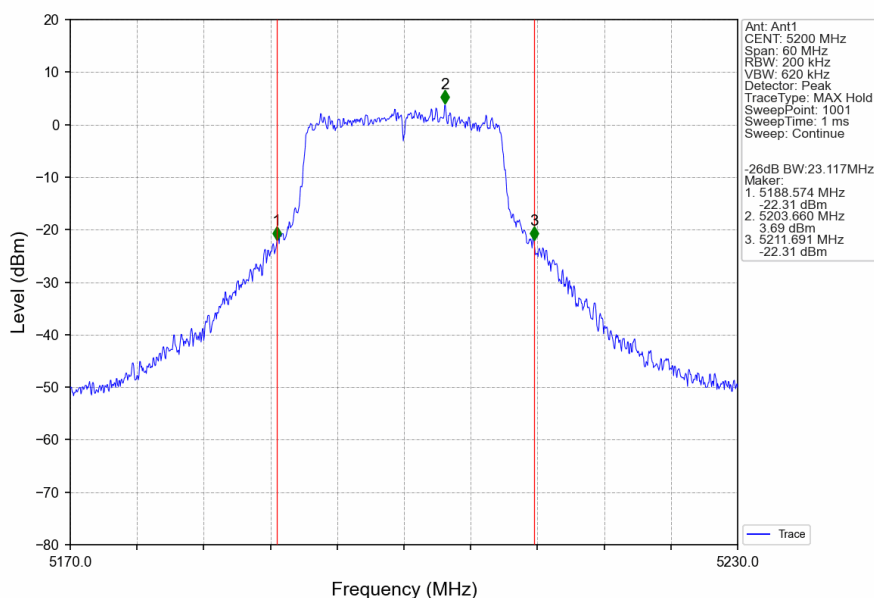
### 802.11a\_HCH\_5700MHz\_Ant1\_NTNV



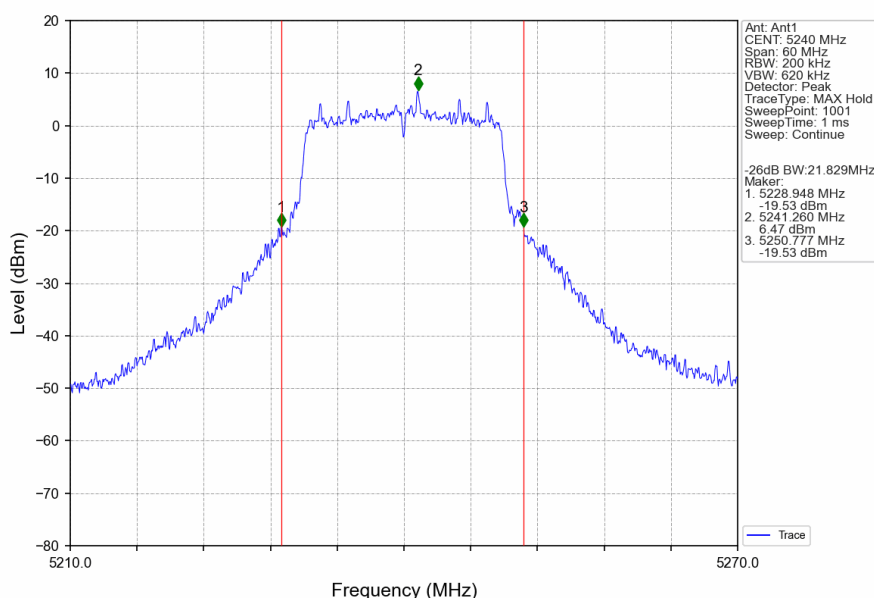
### 802.11n(HT20)\_LCH\_5180MHz\_Ant1\_NTNV



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

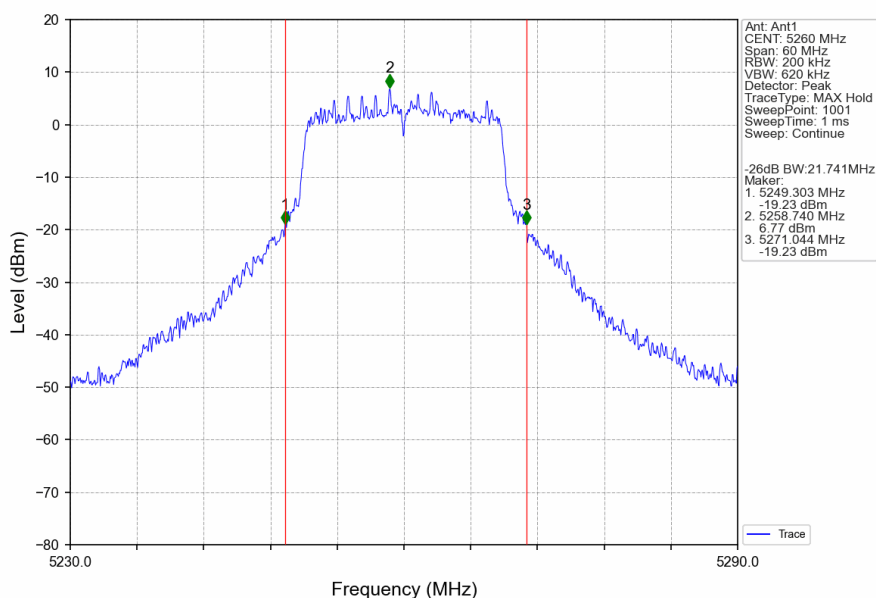


### 802.11n(HT20)\_HCH\_5240MHz\_Ant1\_NTNV

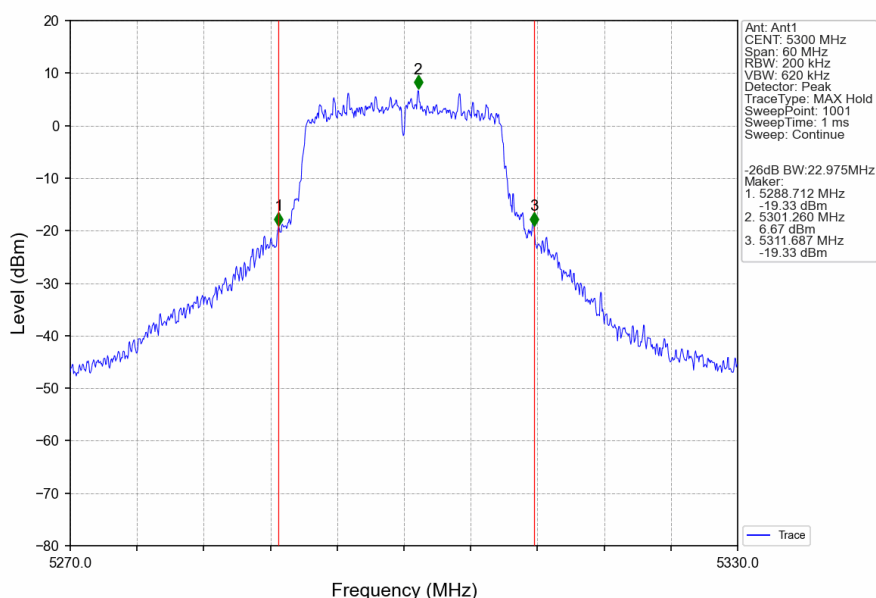




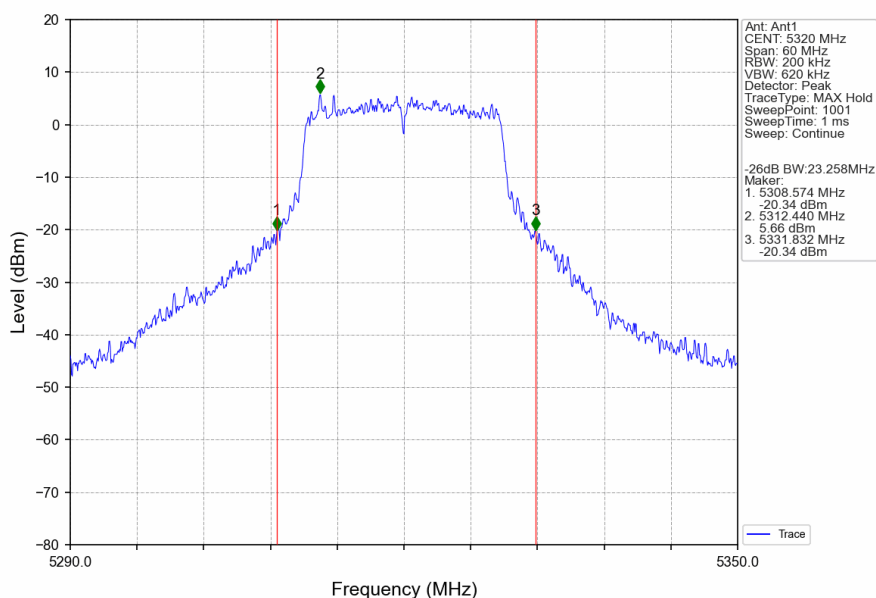
### 802.11n(HT20)\_LCH\_5260MHz\_Ant1\_NTNV



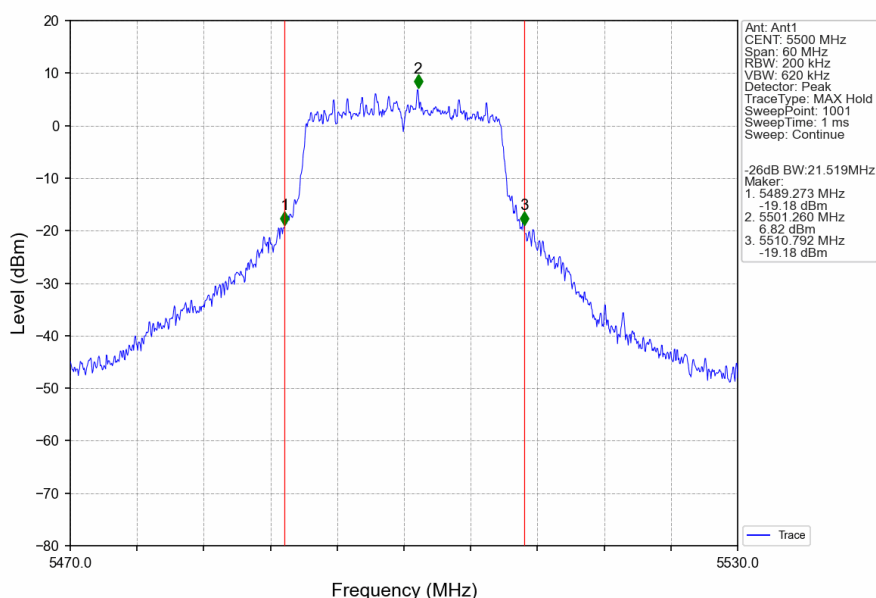
### 802.11n(HT20)\_MCH\_5300MHz\_Ant1\_NTNV



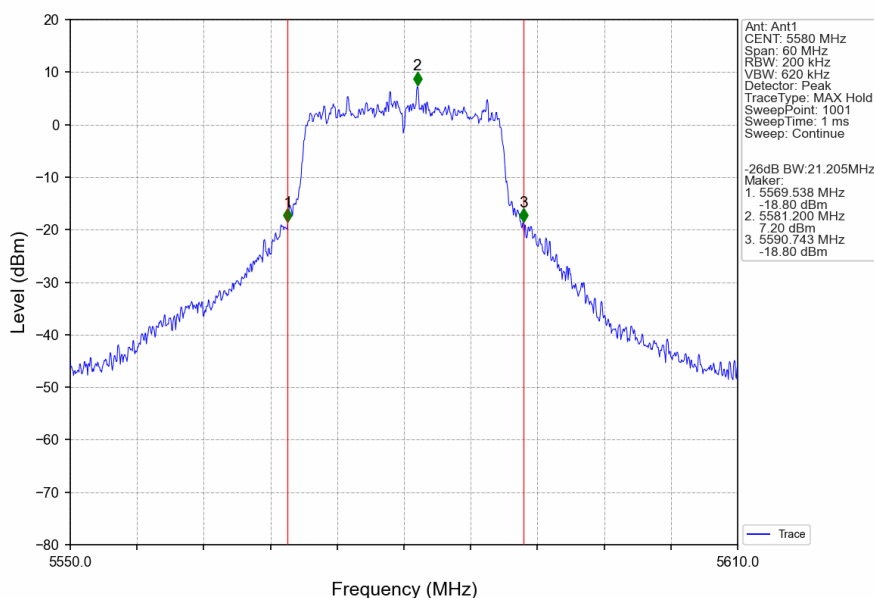
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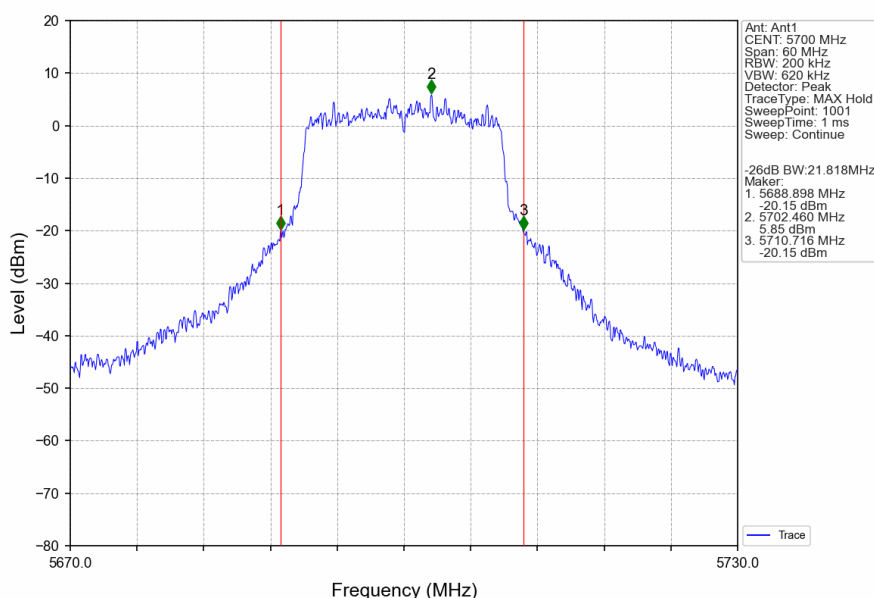
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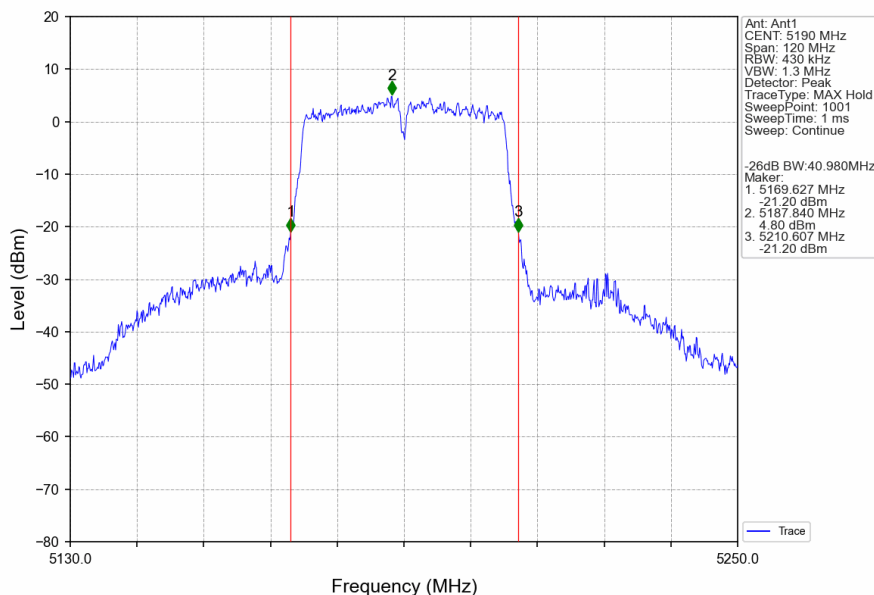
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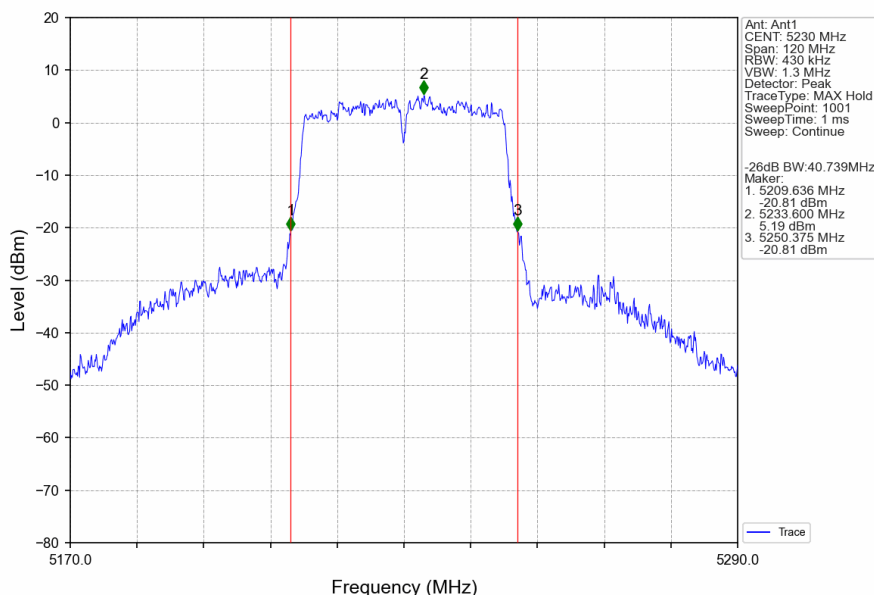
802.11n(HT20)\_HCH\_5700MHz\_Ant1\_NTNV



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

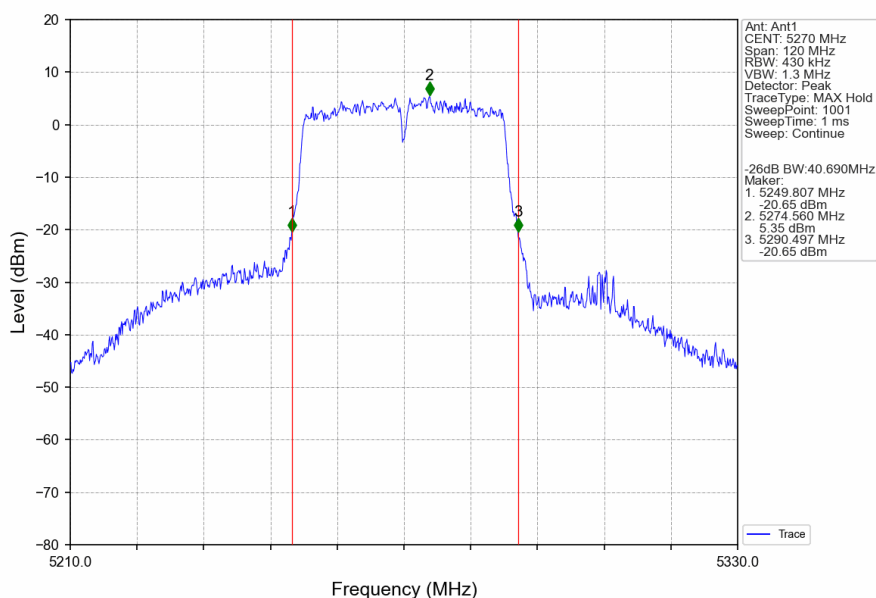


### 802.11n(HT40)\_HCH\_5230MHz\_Ant1\_NTNV

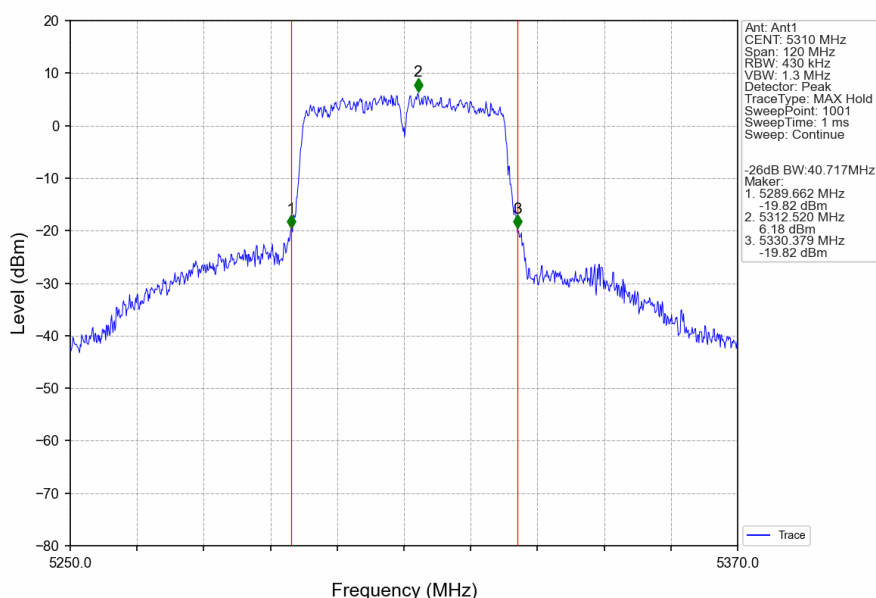




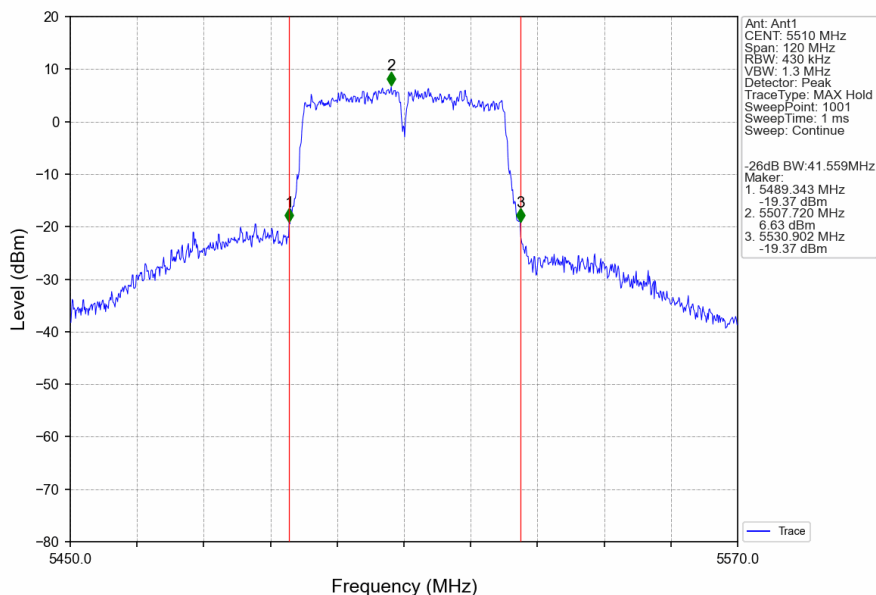
### 802.11n(HT40)\_LCH\_5270MHz\_Ant1\_NTNV



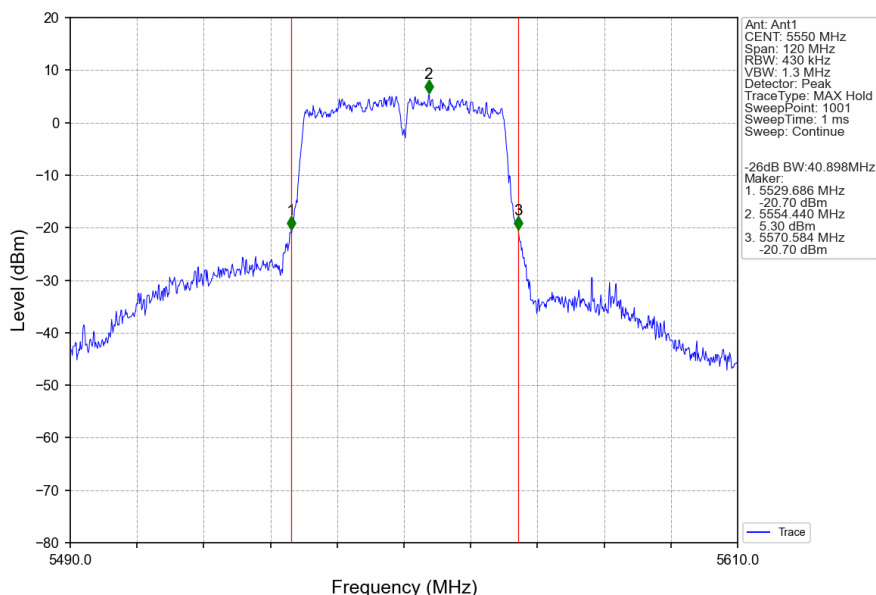
### 802.11n(HT40)\_HCH\_5310MHz\_Ant1\_NTNV



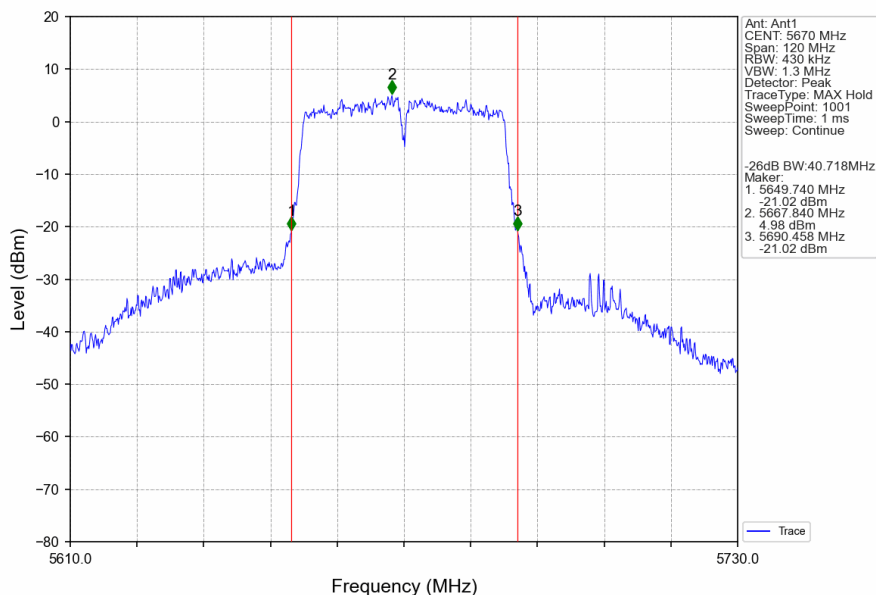
### 802.11n(HT40)\_LCH\_5510MHz\_Ant1\_NTNV



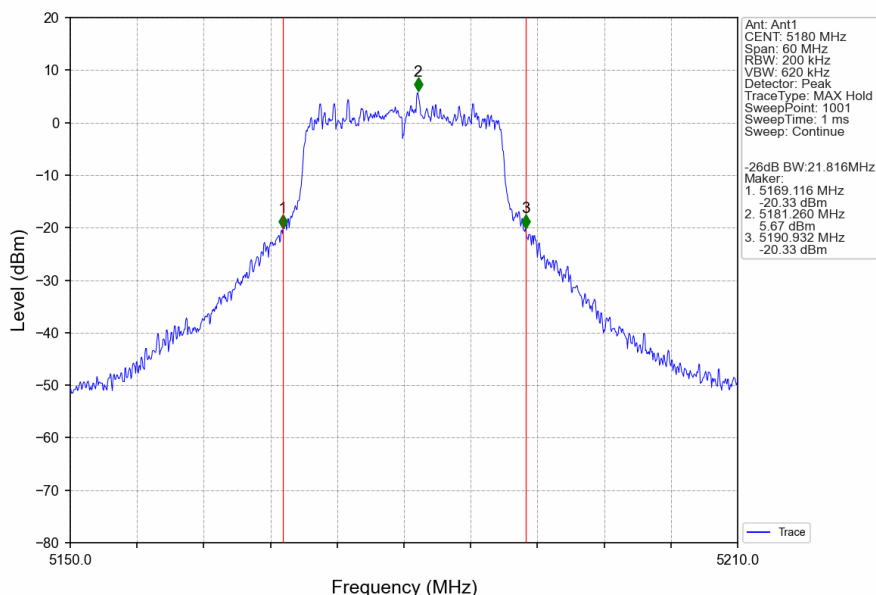
### 802.11n(HT40)\_MCH\_5550MHz\_Ant1\_NTNV



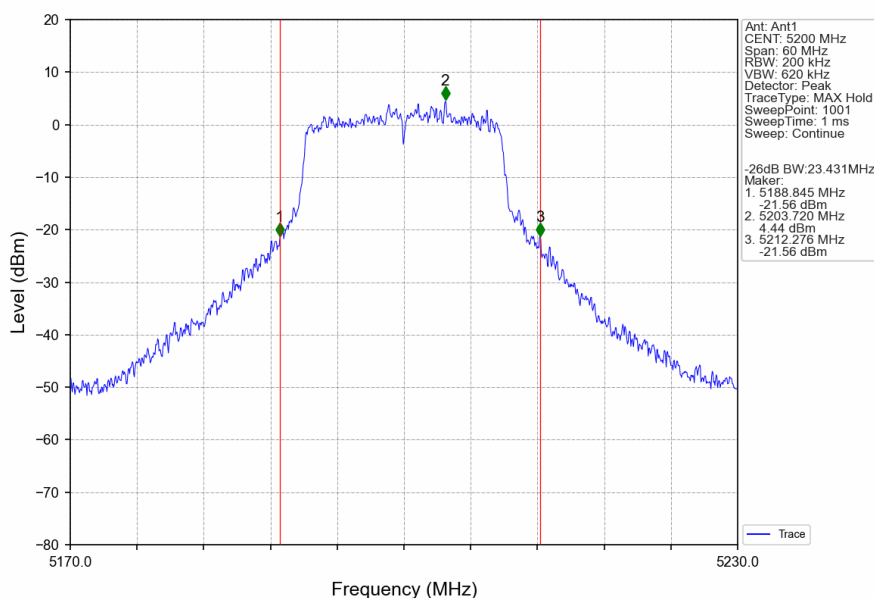
### 802.11n(HT40)\_HCH\_5670MHz\_Ant1\_NTNV



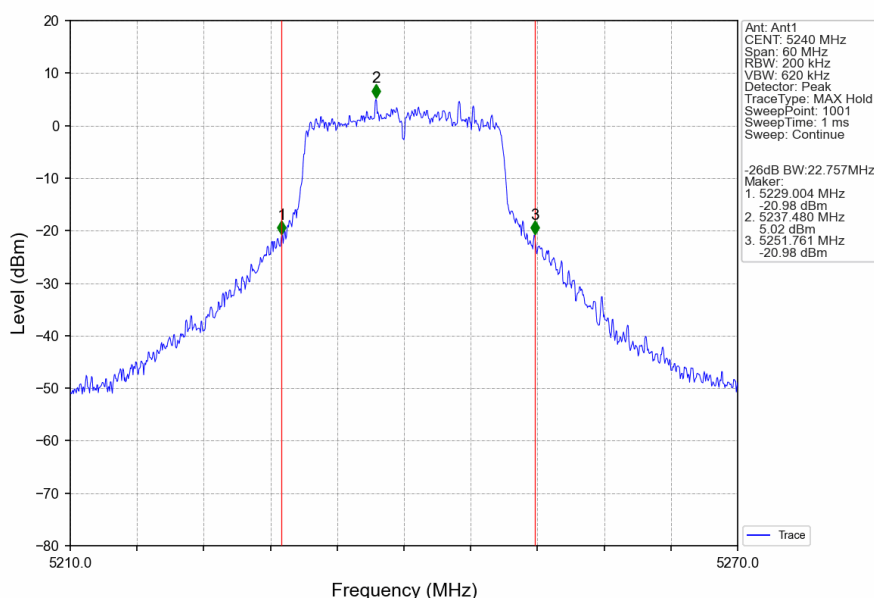
### 802.11ac(VHT20)\_LCH\_5180MHz\_Ant1\_NTNV



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

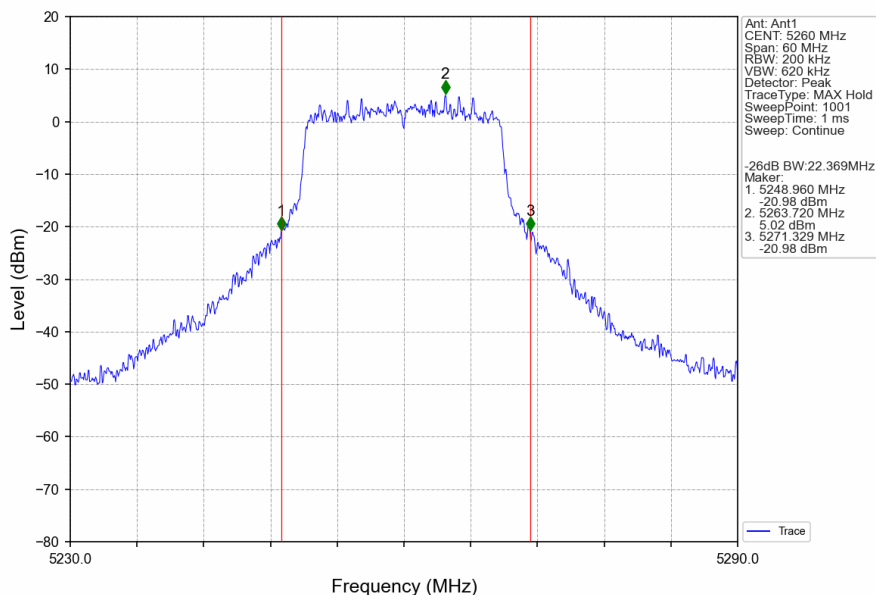


802.11ac(VHT20)\_HCH\_5240MHz\_Ant1\_NTNV

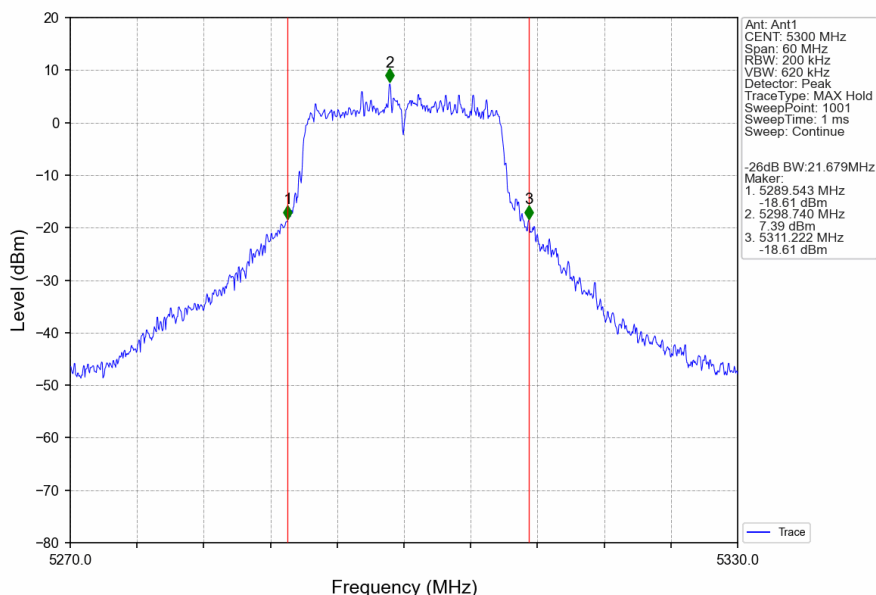




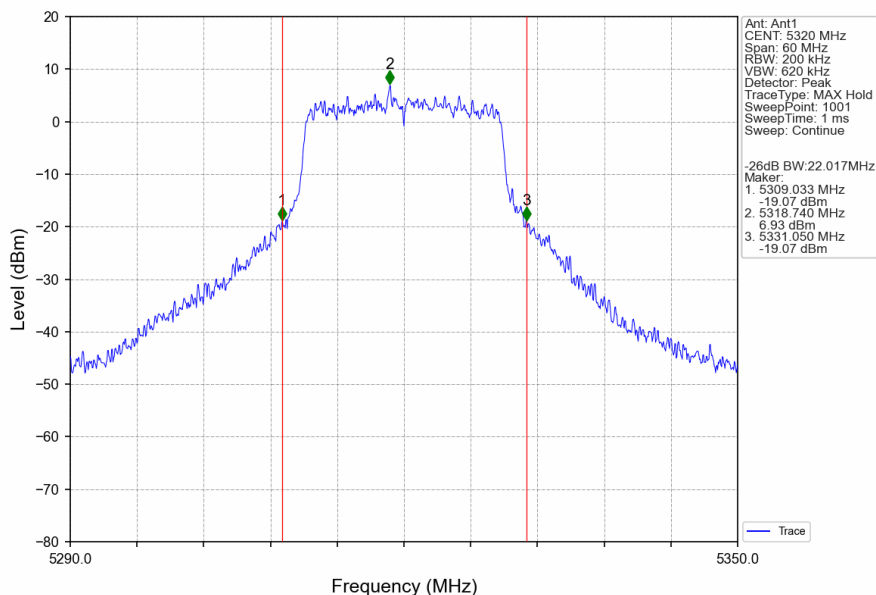
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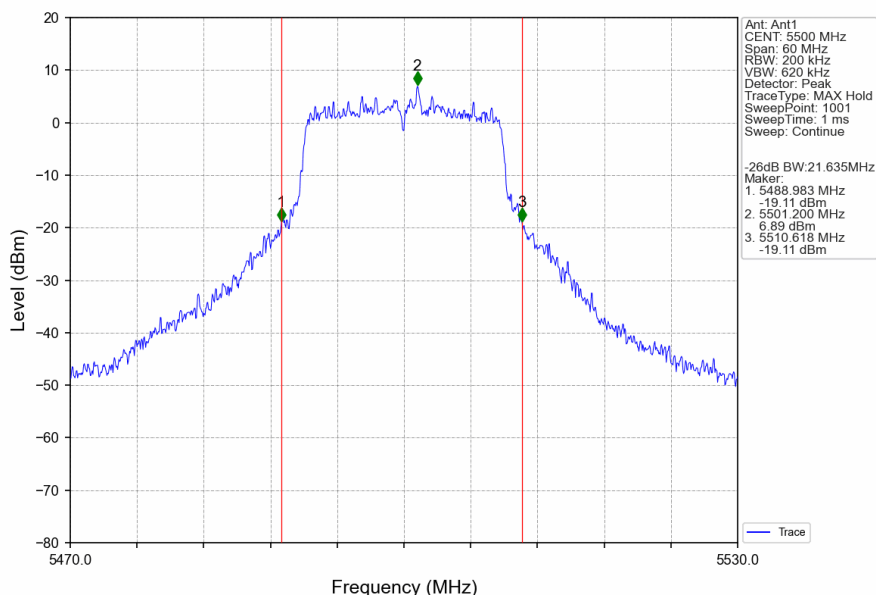
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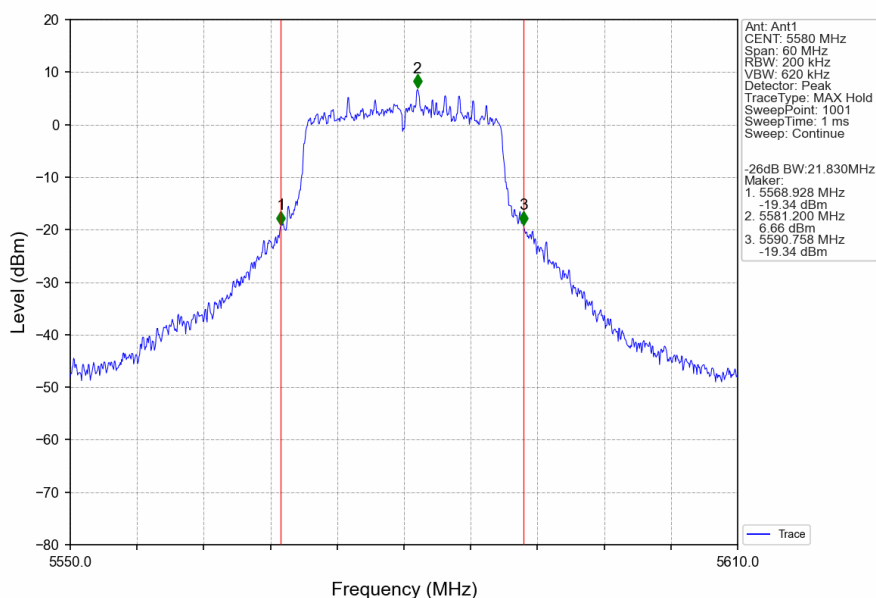
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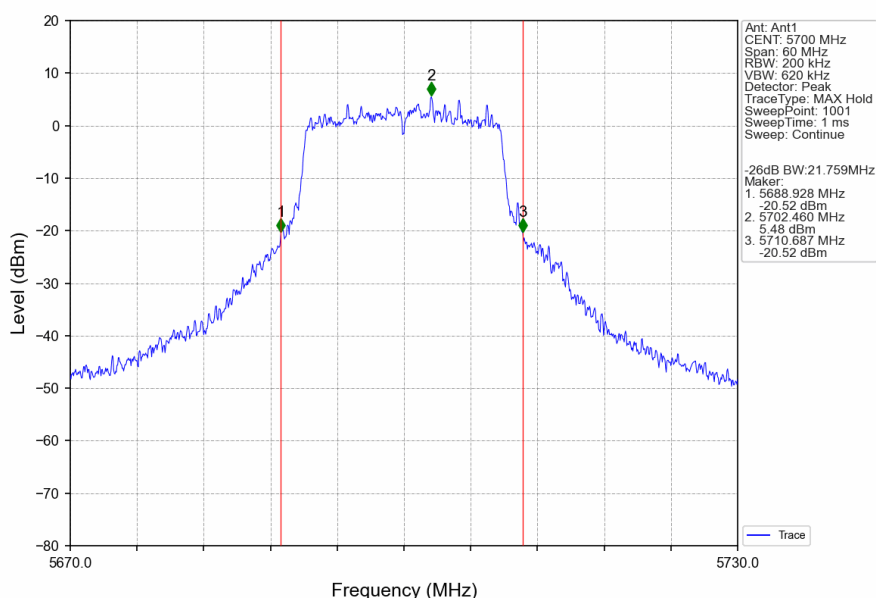
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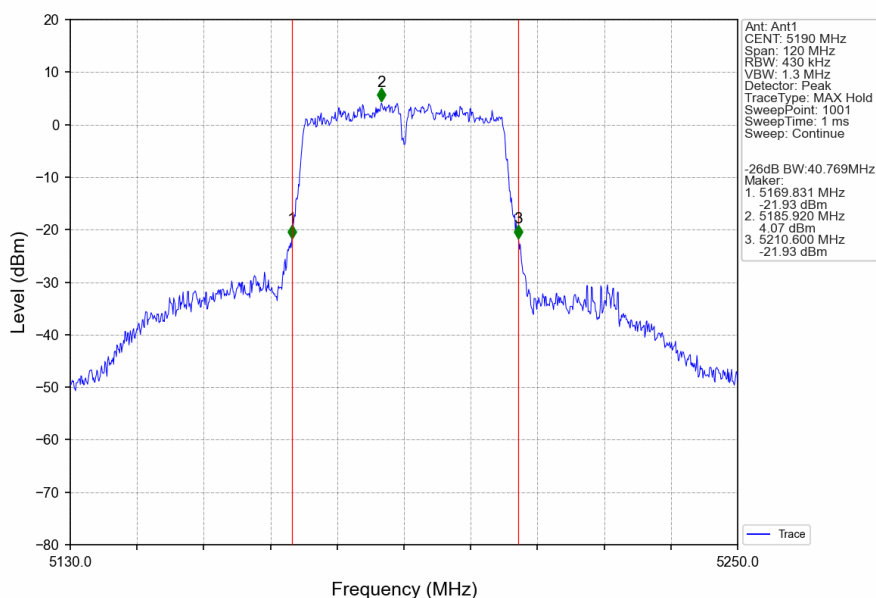
### 802.11ac(VHT20)\_MCH\_5580MHz\_Ant1\_NTNV



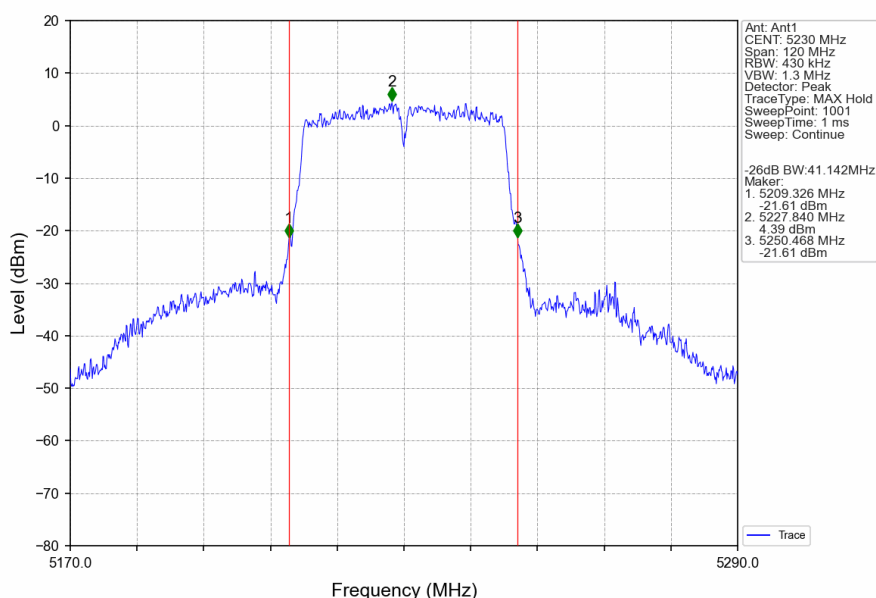
### 802.11ac(VHT20)\_HCH\_5700MHz\_Ant1\_NTNV



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

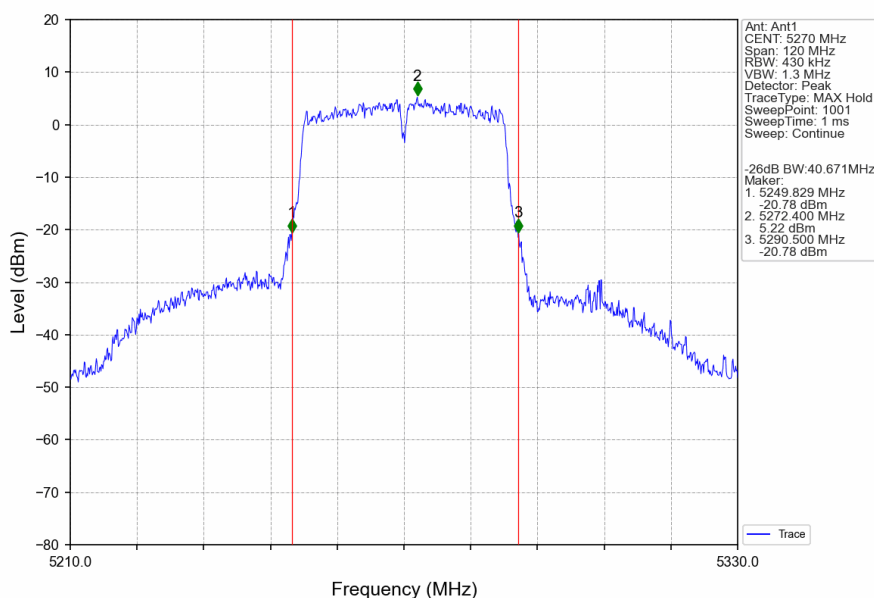


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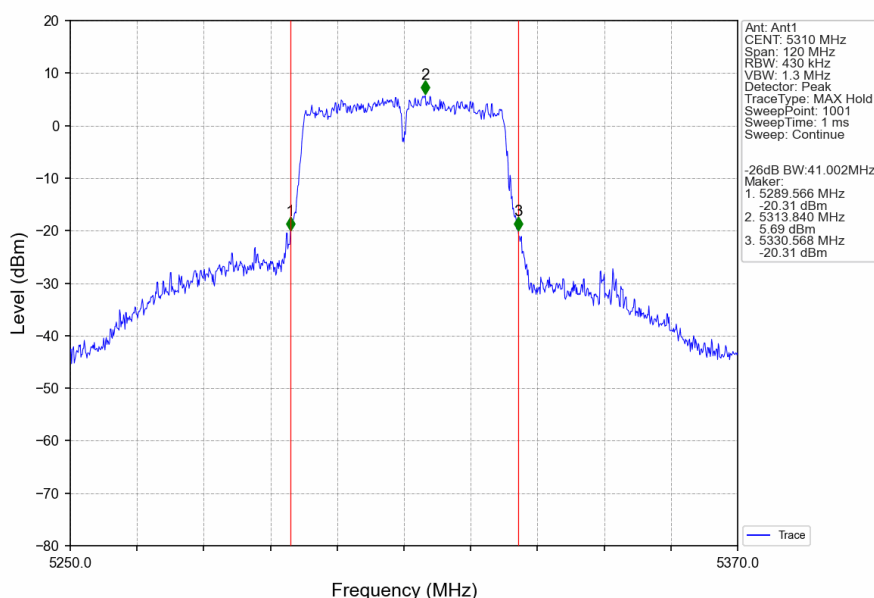




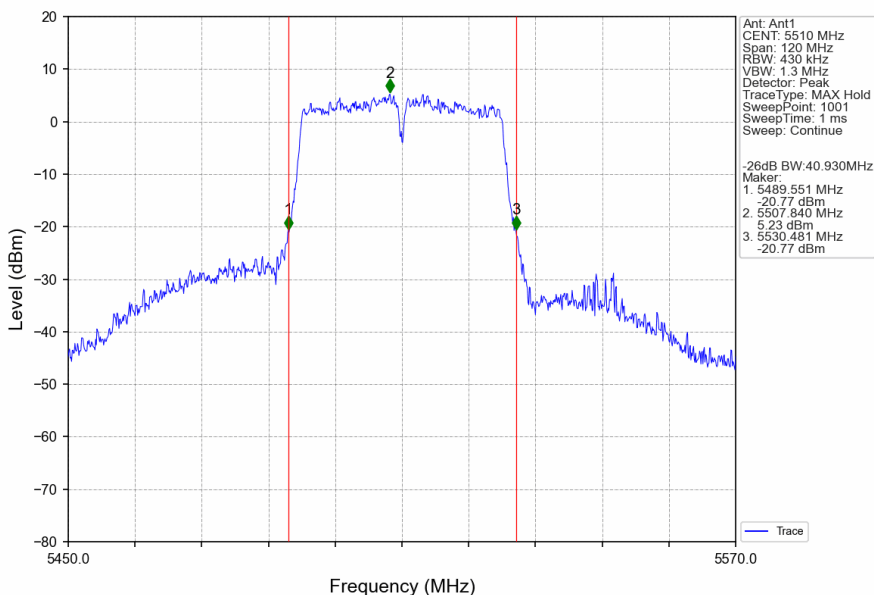
### 802.11ac(VHT40)\_LCH\_5270MHz\_Ant1\_NTNV



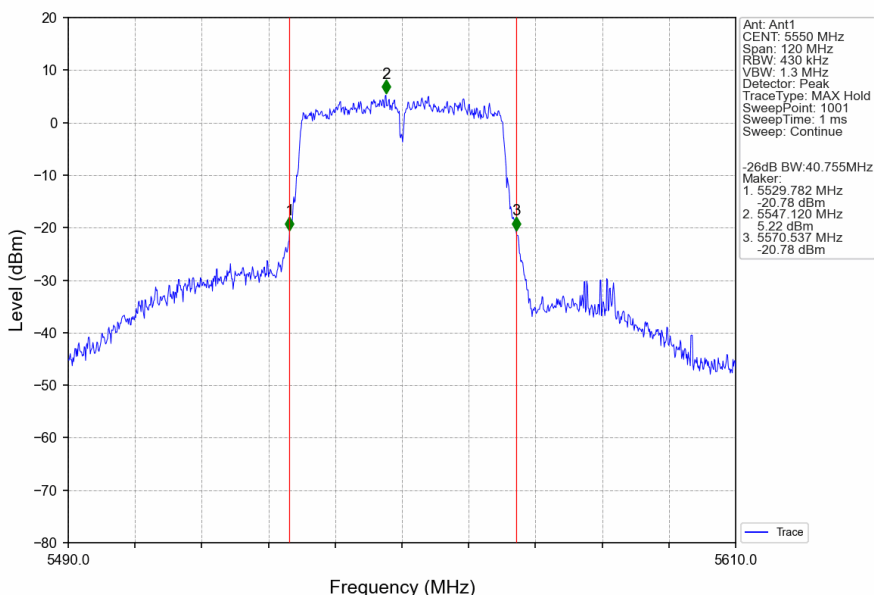
### 802.11ac(VHT40)\_HCH\_5310MHz\_Ant1\_NTNV



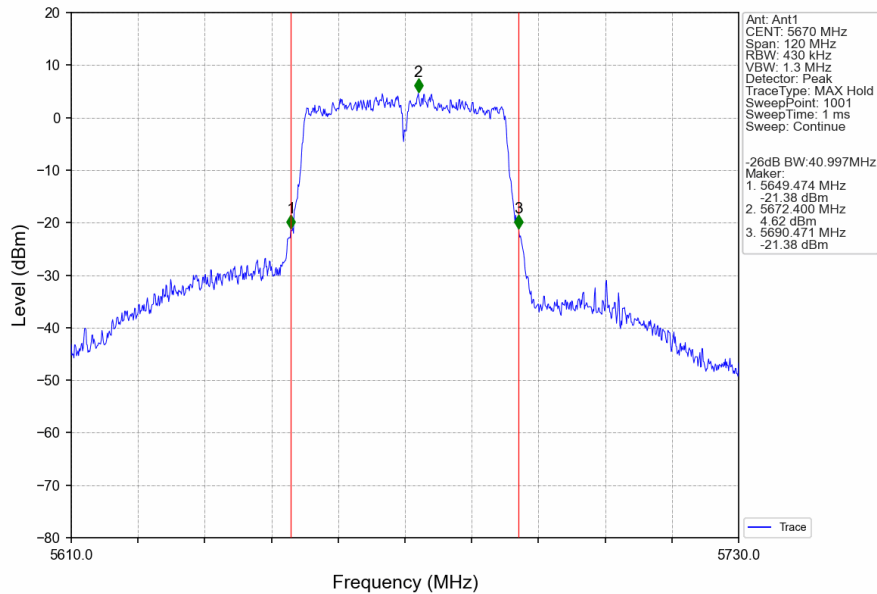
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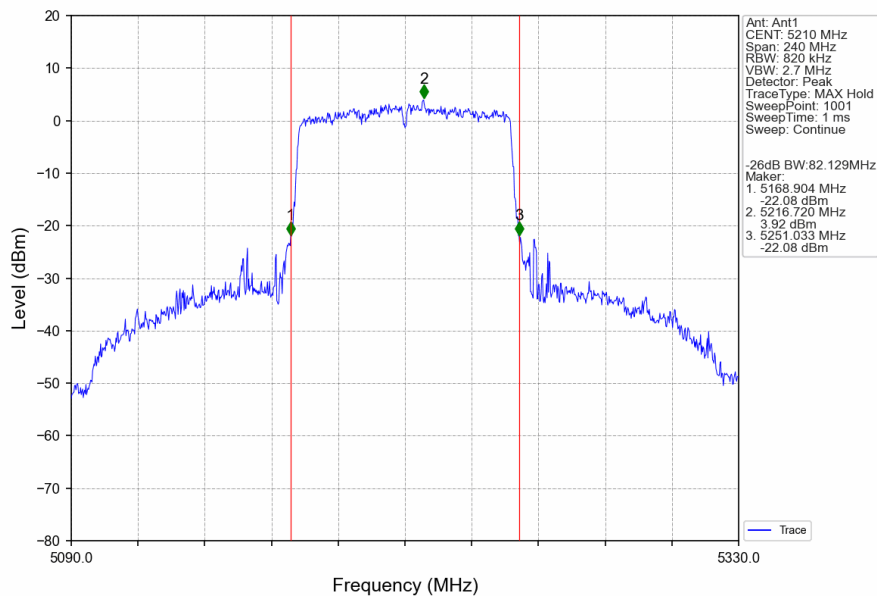
### 802.11ac(VHT40)\_MCH\_5550MHz\_Ant1\_NTNV



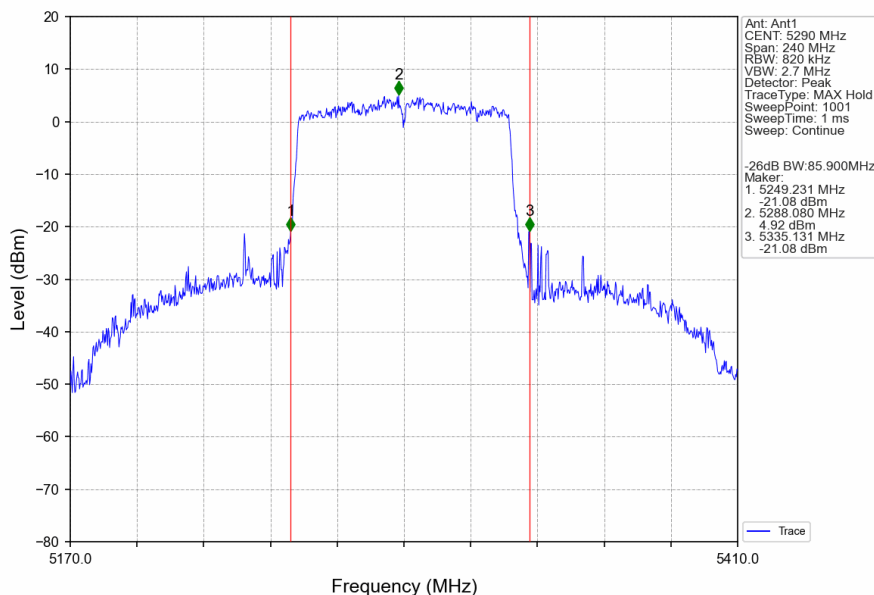
### 802.11ac(VHT40)\_HCH\_5670MHz\_Ant1\_NTNV



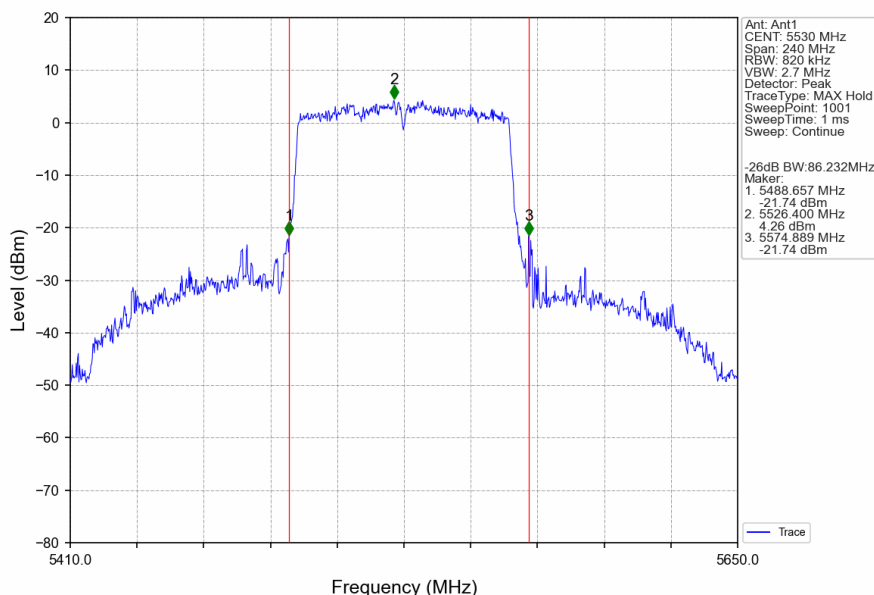
### 802.11ac(VHT80)\_MCH\_5210MHz\_Ant1\_NTNV



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

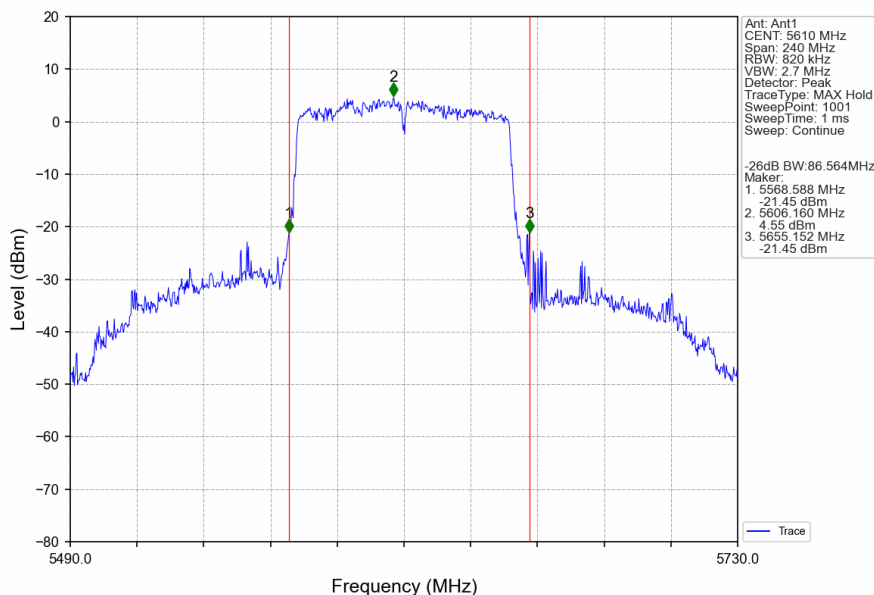


### 802.11ac(VHT80)\_LCH\_5530MHz\_Ant1\_NTNV

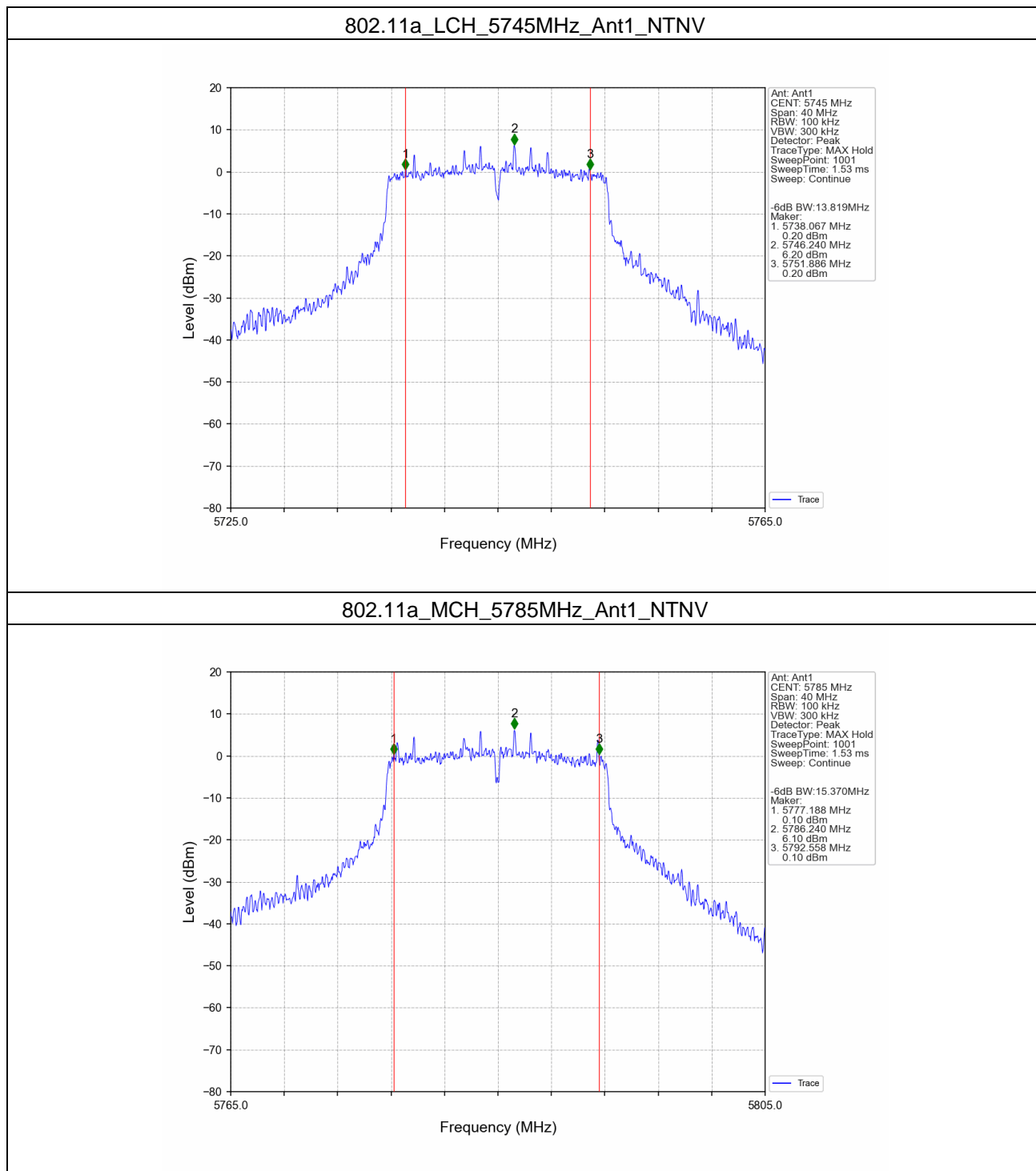




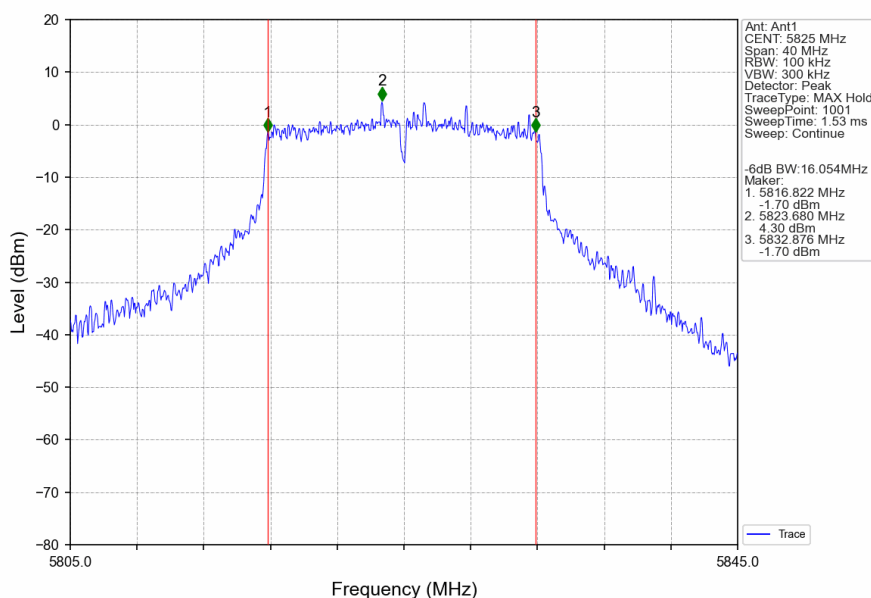
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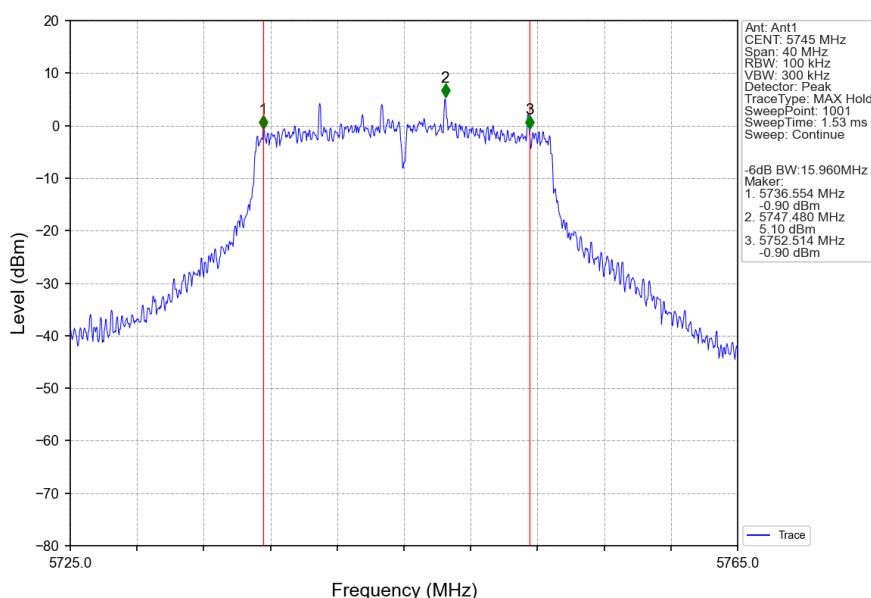
### 2.2.3 6dB BW



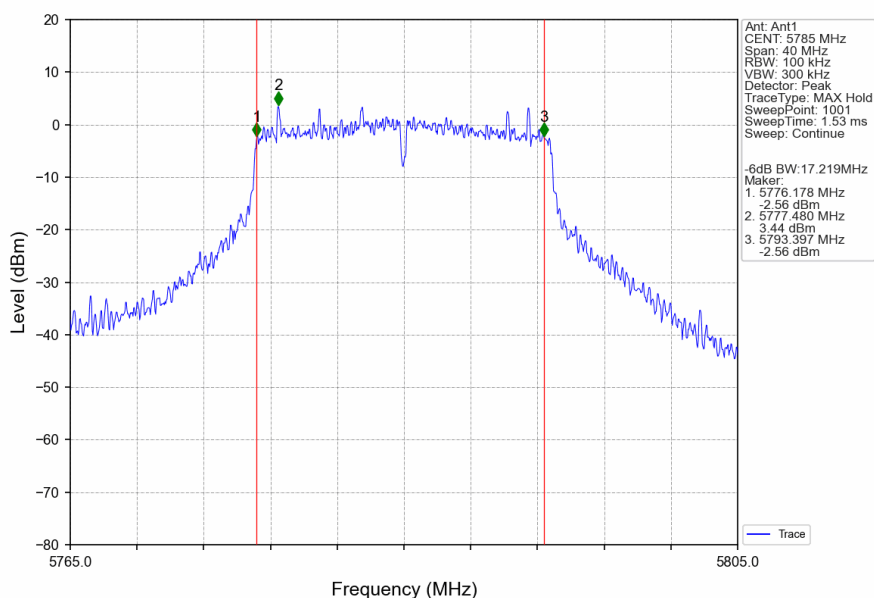
### 802.11a\_HCH\_5825MHz\_Ant1\_NTNV



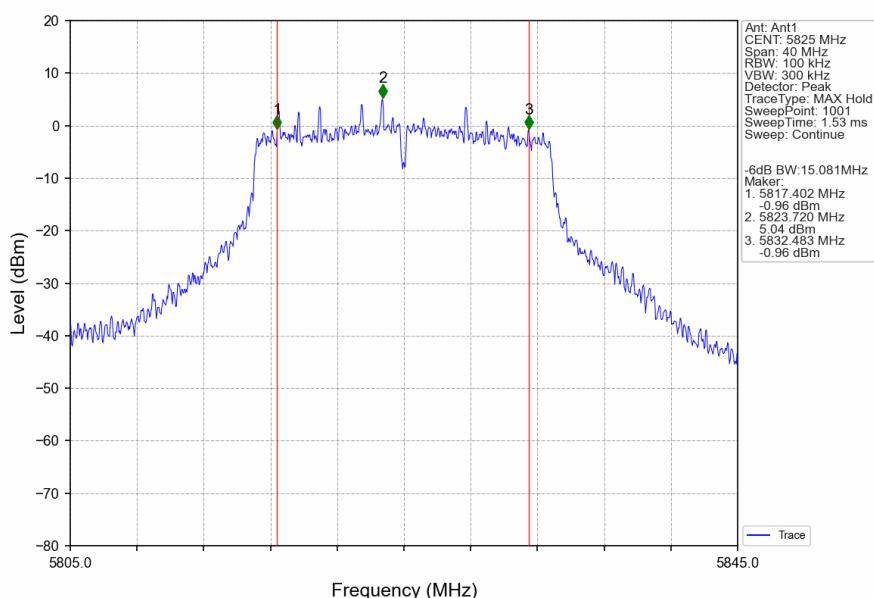
### 802.11n(HT20)\_LCH\_5745MHz\_Ant1\_NTNV



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

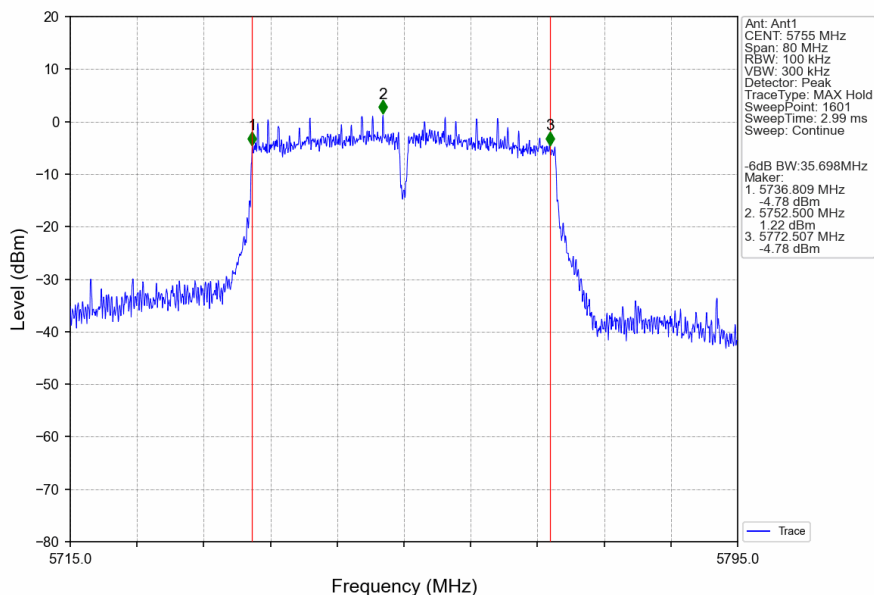


### 802.11n(HT20)\_HCH\_5825MHz\_Ant1\_NTNV

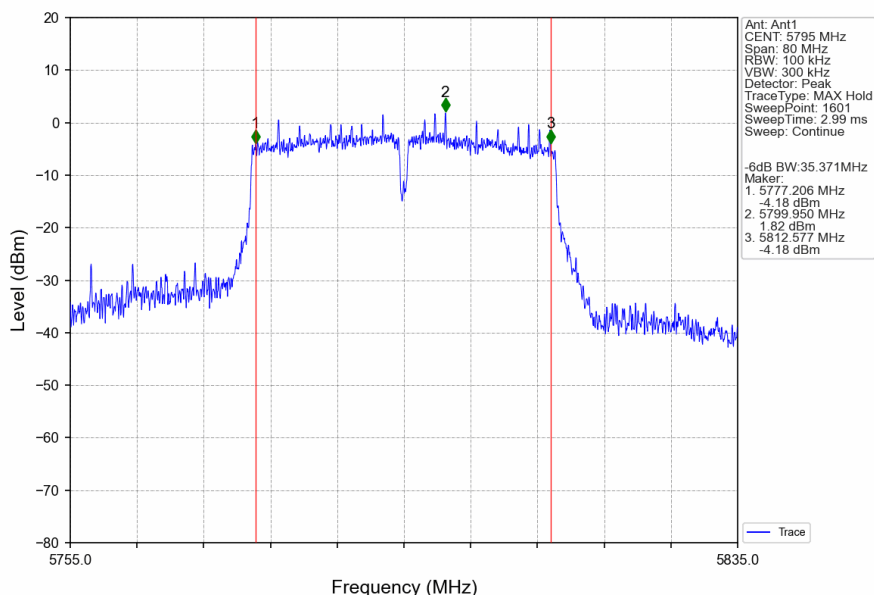




### 802.11n(HT40)\_LCH\_5755MHz\_Ant1\_NTNV



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



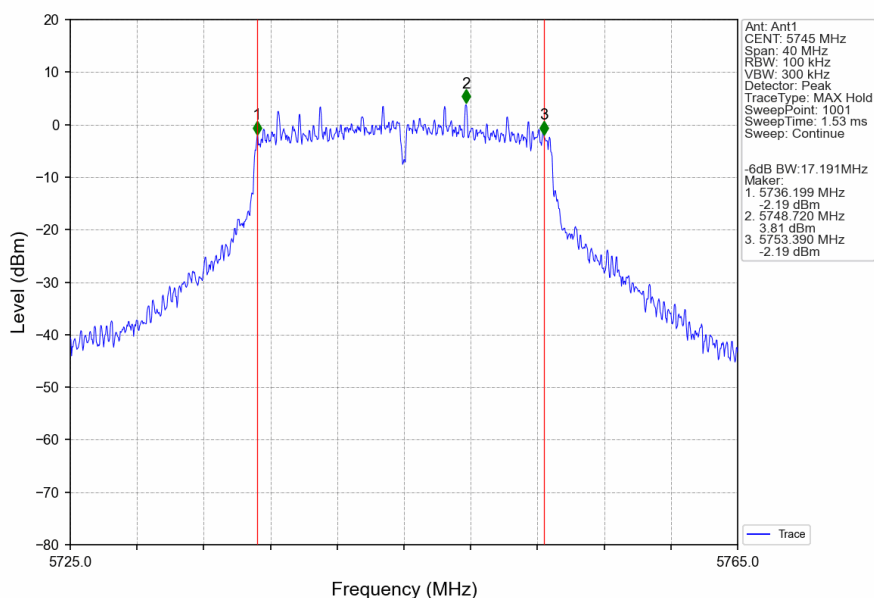
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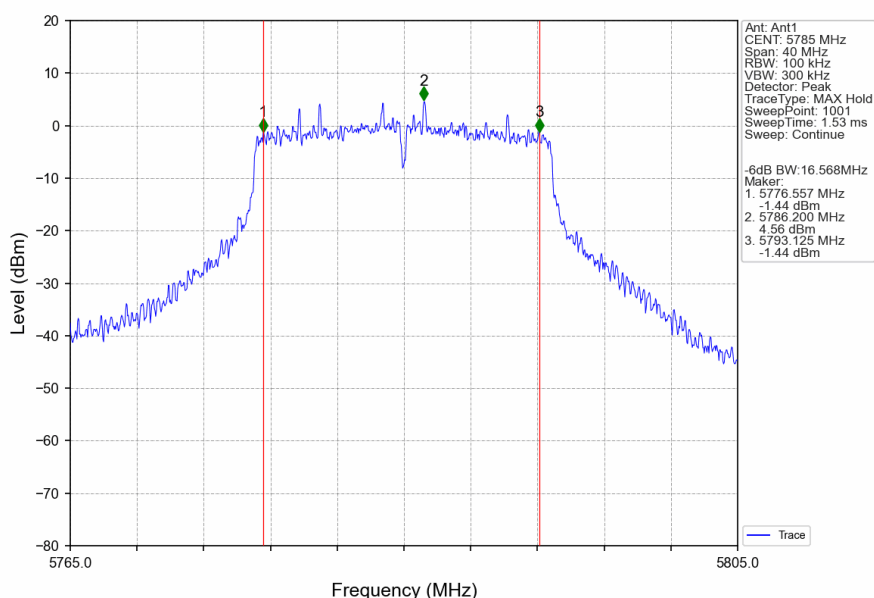
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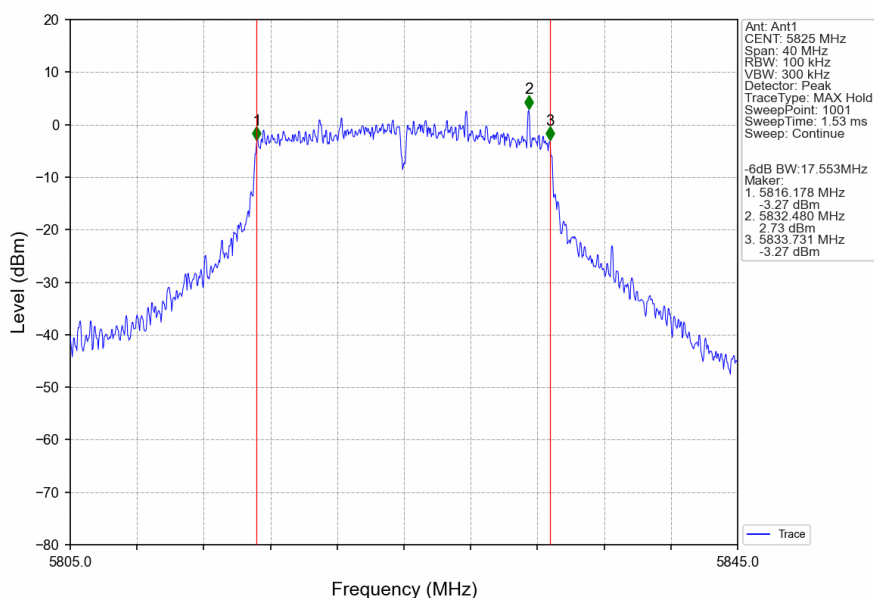
### 802.11ac(VHT20)\_LCH\_5745MHz\_Ant1\_NTNV



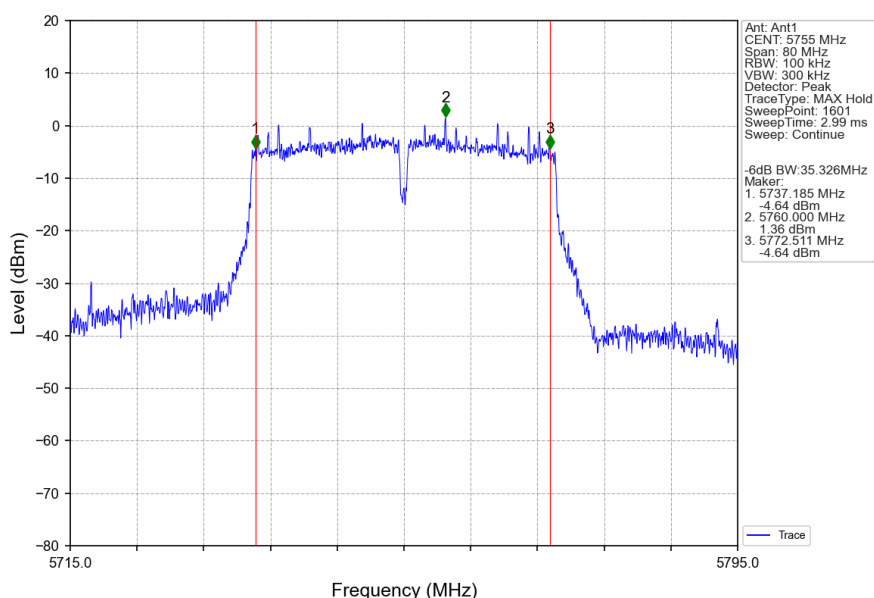
### 802.11ac(VHT20)\_MCH\_5785MHz\_Ant1\_NTNV



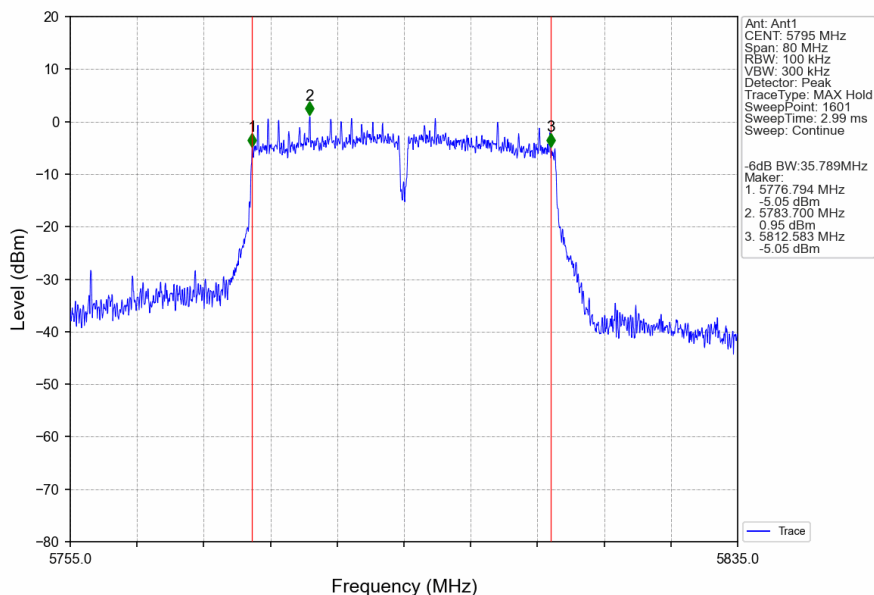
### 802.11ac(VHT20)\_HCH\_5825MHz\_Ant1\_NTNV



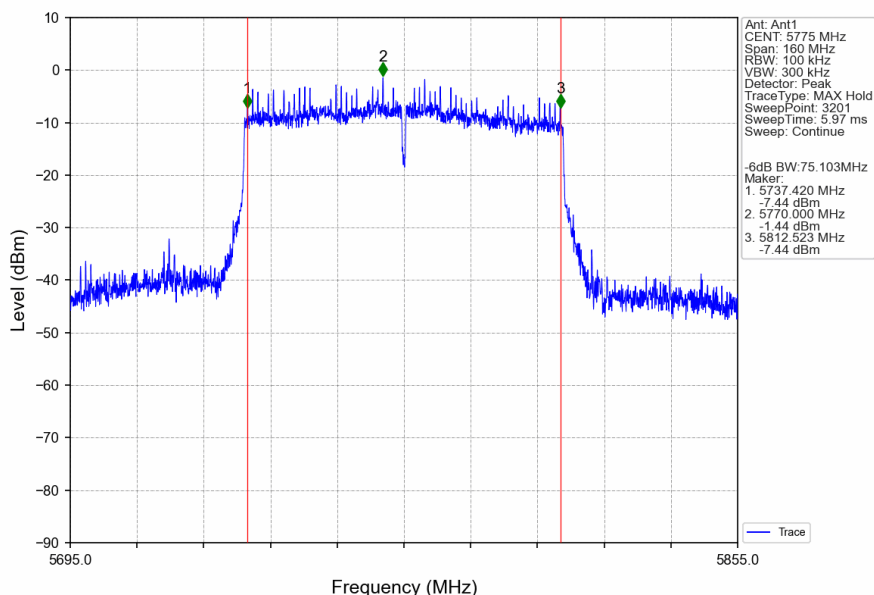
### 802.11ac(VHT40)\_LCH\_5755MHz\_Ant1\_NTNV



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



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



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### 3. Maximum Conducted Output Power

#### 3.1 Test Result

##### 3.1.1 Power

Mode	TX Type	Frequency (MHz)	Maximum Average Conducted Output Power (dBm)		Verdict
			ANT1	Limit	
802.11a	SISO	5180	16.24	<=23.98	Pass
		5200	15.83	<=23.98	Pass
		5240	15.32	<=23.98	Pass
		5260	15.68	<=23.98	Pass
		5300	16.37	<=23.98	Pass
		5320	16.63	<=23.98	Pass
		5500	16.04	<=23.98	Pass
		5580	16.08	<=23.98	Pass
		5700	15.54	<=23.98	Pass
		5745	15.70	<=30	Pass
		5785	15.48	<=30	Pass
		5825	15.08	<=30	Pass
802.11n (HT20)	SISO	5180	13.71	<=23.98	Pass
		5200	14.21	<=23.98	Pass
		5240	14.52	<=23.98	Pass
		5260	14.95	<=23.98	Pass
		5300	15.74	<=23.98	Pass
		5320	15.81	<=23.98	Pass
		5500	15.39	<=23.98	Pass
		5580	15.42	<=23.98	Pass
		5700	14.74	<=23.98	Pass
		5745	14.93	<=30	Pass
		5785	14.90	<=30	Pass
		5825	14.39	<=30	Pass
802.11n (HT40)	SISO	5190	13.77	<=23.98	Pass
		5230	14.05	<=23.98	Pass
		5270	15.53	<=23.98	Pass
		5310	15.30	<=23.98	Pass
		5510	15.81	<=23.98	Pass
		5550	15.53	<=23.98	Pass



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SZEMC-TRF-01 Rev. A/1

Report No.: SZCR250600243505

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		5670	15.10	$\leq 23.98$	Pass
		5755	15.28	$\leq 30$	Pass
		5795	15.22	$\leq 30$	Pass
802.11ac (VHT20)	SISO	5180	13.83	$\leq 23.98$	Pass
		5200	13.86	$\leq 23.98$	Pass
		5240	14.11	$\leq 23.98$	Pass
		5260	14.54	$\leq 23.98$	Pass
		5300	15.41	$\leq 23.98$	Pass
		5320	15.64	$\leq 23.98$	Pass
		5500	14.98	$\leq 23.98$	Pass
		5580	15.00	$\leq 23.98$	Pass
		5700	14.36	$\leq 23.98$	Pass
		5745	14.55	$\leq 30$	Pass
		5785	14.66	$\leq 30$	Pass
		5825	14.11	$\leq 30$	Pass
802.11ac (VHT40)	SISO	5190	13.34	$\leq 23.98$	Pass
		5230	13.62	$\leq 23.98$	Pass
		5270	14.09	$\leq 23.98$	Pass
		5310	14.97	$\leq 23.98$	Pass
		5510	14.29	$\leq 23.98$	Pass
		5550	14.14	$\leq 23.98$	Pass
		5670	13.71	$\leq 23.98$	Pass
		5755	15.03	$\leq 30$	Pass
		5795	15.05	$\leq 30$	Pass
802.11ac (VHT80)	SISO	5210	12.26	$\leq 23.98$	Pass
		5290	13.50	$\leq 23.98$	Pass
		5530	12.90	$\leq 23.98$	Pass
		5610	13.20	$\leq 23.98$	Pass
		5775	13.70	$\leq 30$	Pass



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## 4. Maximum Power Spectral Density

### 4.1 Test Result

#### 4.1.1 PSD

Mode	TX Type	Frequency (MHz)	Maximum PSD (dBm/MHz)		Verdict
			ANT1	Limit	
802.11a	SISO	5180	5.62	<=11	Pass
		5200	4.31	<=11	Pass
		5240	4.75	<=11	Pass
		5260	5.25	<=11	Pass
		5300	5.73	<=11	Pass
		5320	6.05	<=11	Pass
		5500	5.69	<=11	Pass
		5580	5.51	<=11	Pass
		5700	5.01	<=11	Pass
802.11n (HT20)	SISO	5180	3.06	<=11	Pass
		5200	3.47	<=11	Pass
		5240	3.72	<=11	Pass
		5260	4.08	<=11	Pass
		5300	4.85	<=11	Pass
		5320	5.13	<=11	Pass
		5500	4.53	<=11	Pass
		5580	4.60	<=11	Pass
		5700	3.92	<=11	Pass
802.11n (HT40)	SISO	5190	0.88	<=11	Pass
		5230	1.26	<=11	Pass
		5270	1.65	<=11	Pass
		5310	2.37	<=11	Pass
		5510	2.91	<=11	Pass
		5550	1.63	<=11	Pass
		5670	1.29	<=11	Pass
802.11ac (VHT20)	SISO	5180	2.94	<=11	Pass
		5200	2.90	<=11	Pass
		5240	3.23	<=11	Pass
		5260	3.79	<=11	Pass
		5300	4.61	<=11	Pass
		5320	4.68	<=11	Pass



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		5500	4.12	$\leq 11$	Pass
		5580	4.24	$\leq 11$	Pass
		5700	3.61	$\leq 11$	Pass
802.11ac (VHT40)	SISO	5190	0.50	$\leq 11$	Pass
		5230	0.74	$\leq 11$	Pass
		5270	1.30	$\leq 11$	Pass
		5310	2.10	$\leq 11$	Pass
		5510	1.41	$\leq 11$	Pass
		5550	1.31	$\leq 11$	Pass
		5670	0.91	$\leq 11$	Pass
802.11ac (VHT80)	SISO	5210	-3.72	$\leq 11$	Pass
		5290	-2.33	$\leq 11$	Pass
		5530	-3.18	$\leq 11$	Pass
		5610	-2.58	$\leq 11$	Pass

### 4.1.2 PSD-Band3

Mode	TX Type	Frequency (MHz)	Maximum PSD (dBm/500kHz)		Verdict
			ANT1	Limit	
802.11a	SISO	5745	2.58	$\leq 30$	Pass
		5785	2.26	$\leq 30$	Pass
		5825	1.93	$\leq 30$	Pass
802.11n (HT20)	SISO	5745	1.37	$\leq 30$	Pass
		5785	1.27	$\leq 30$	Pass
		5825	0.91	$\leq 30$	Pass
802.11n (HT40)	SISO	5755	-1.50	$\leq 30$	Pass
		5795	-1.35	$\leq 30$	Pass
802.11ac (VHT20)	SISO	5745	0.99	$\leq 30$	Pass
		5785	1.20	$\leq 30$	Pass
		5825	0.64	$\leq 30$	Pass
802.11ac (VHT40)	SISO	5755	-1.75	$\leq 30$	Pass
		5795	-1.49	$\leq 30$	Pass
802.11ac (VHT80)	SISO	5775	-5.90	$\leq 30$	Pass



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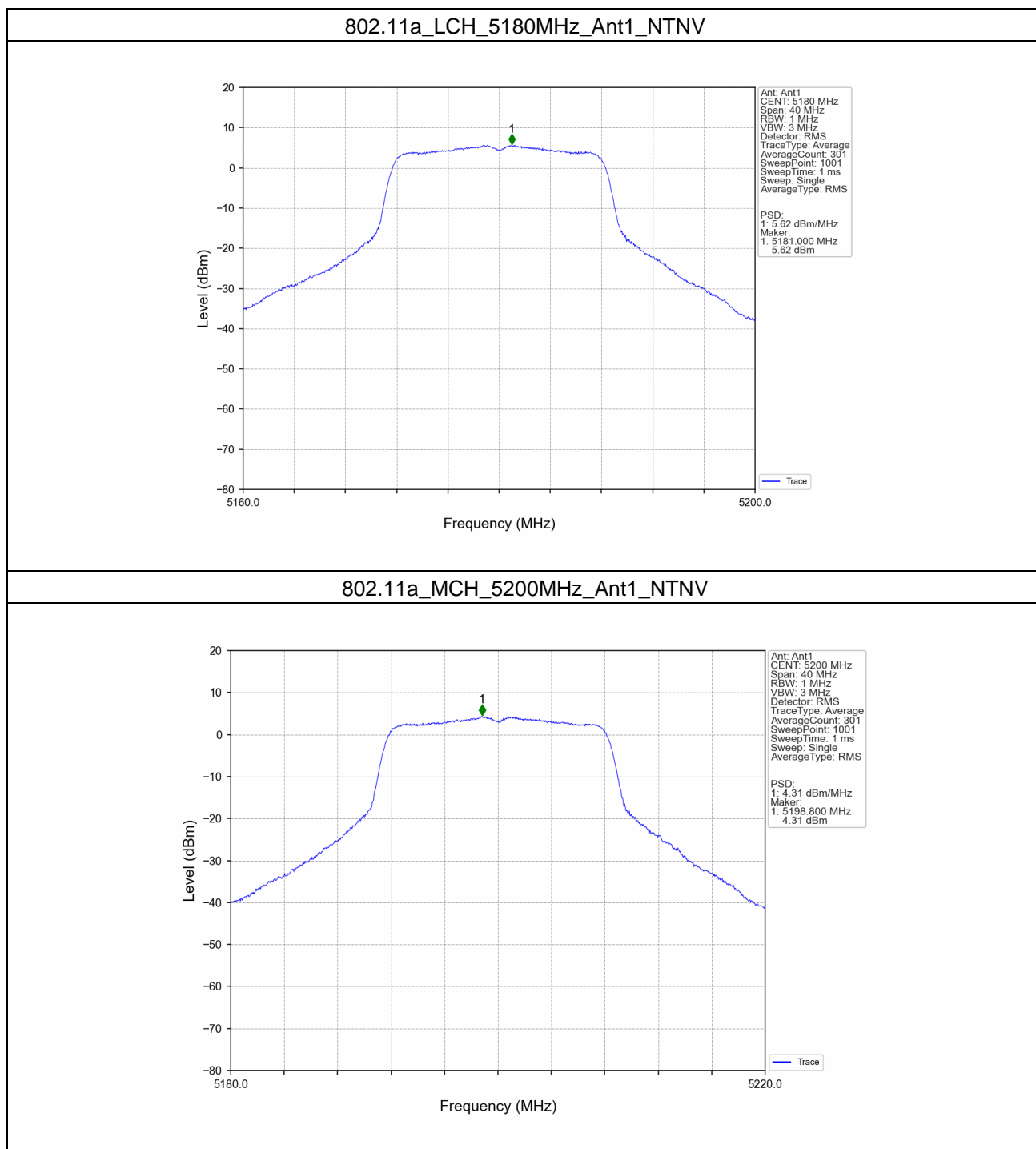
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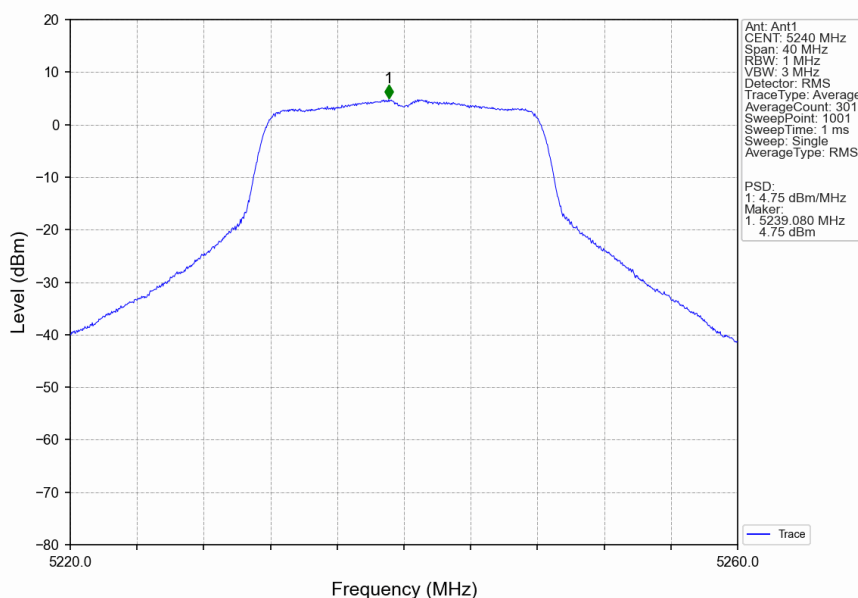


### 4.2 Test Graph

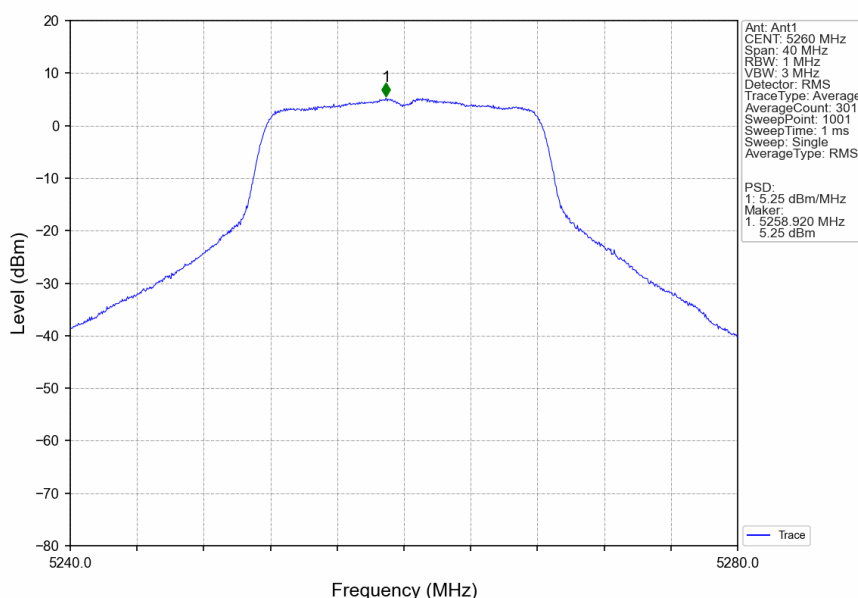
#### 4.2.1 PSD



802.11a\_HCH\_5240MHz\_Ant1\_NTNV



802.11a\_LCH\_5260MHz\_Ant1\_NTNV



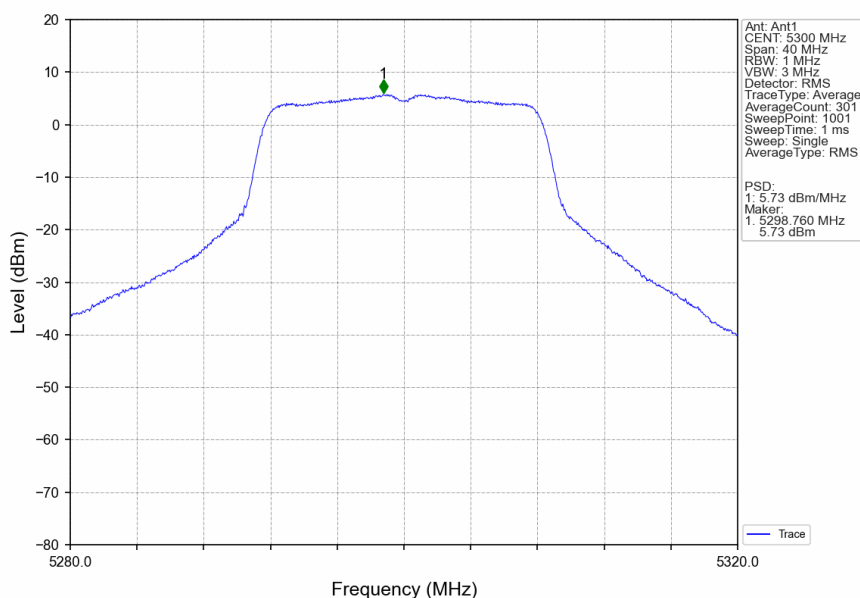
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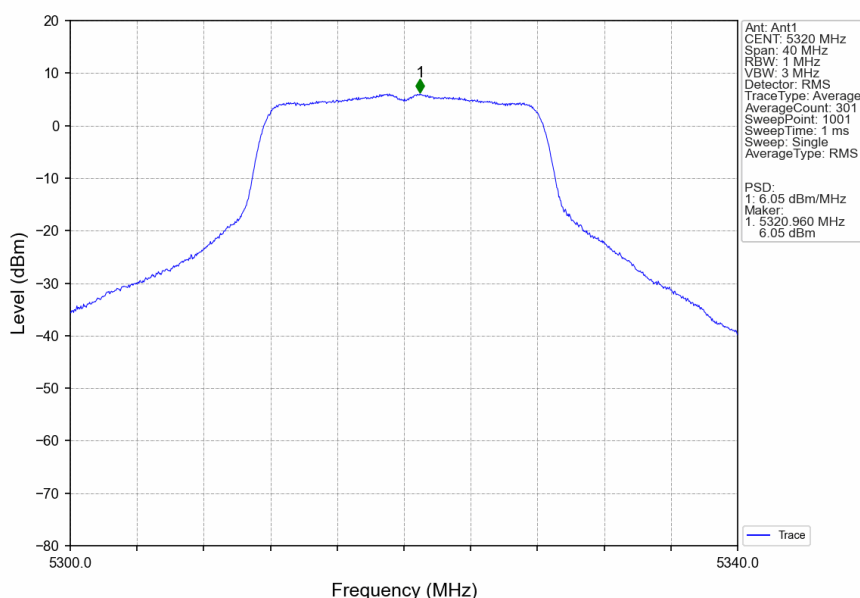
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802.11a\_MCH\_5300MHz\_Ant1\_NTNV



802.11a\_HCH\_5320MHz\_Ant1\_NTNV



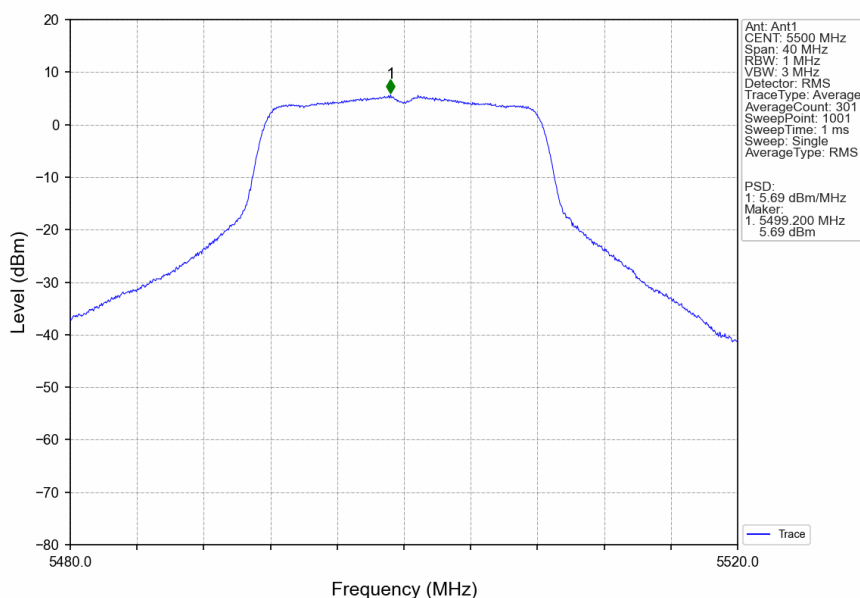
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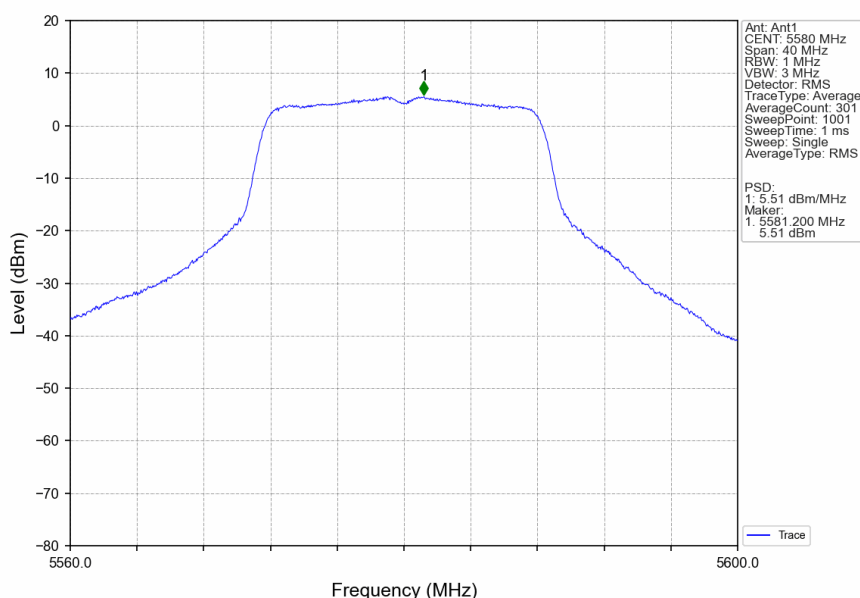
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802.11a\_LCH\_5500MHz\_Ant1\_NTNV



802.11a\_MCH\_5580MHz\_Ant1\_NTNV



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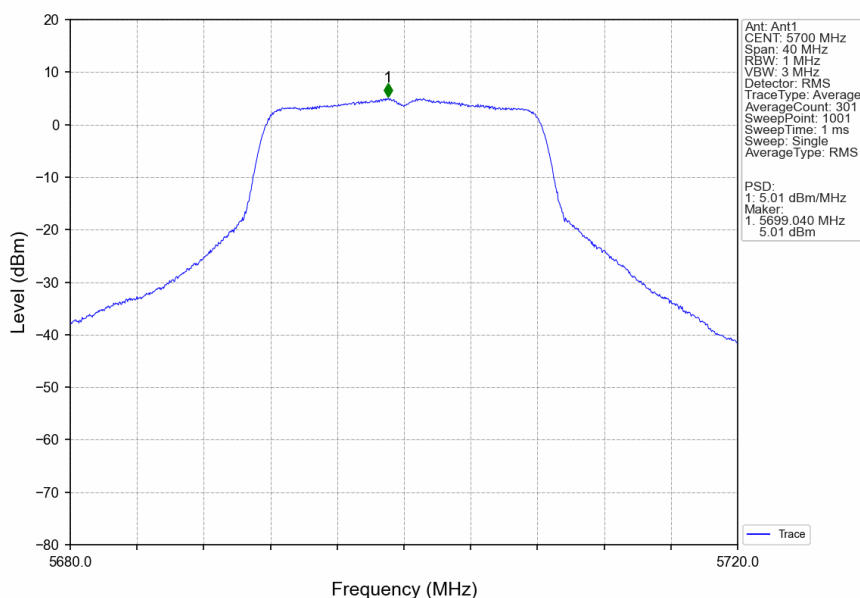
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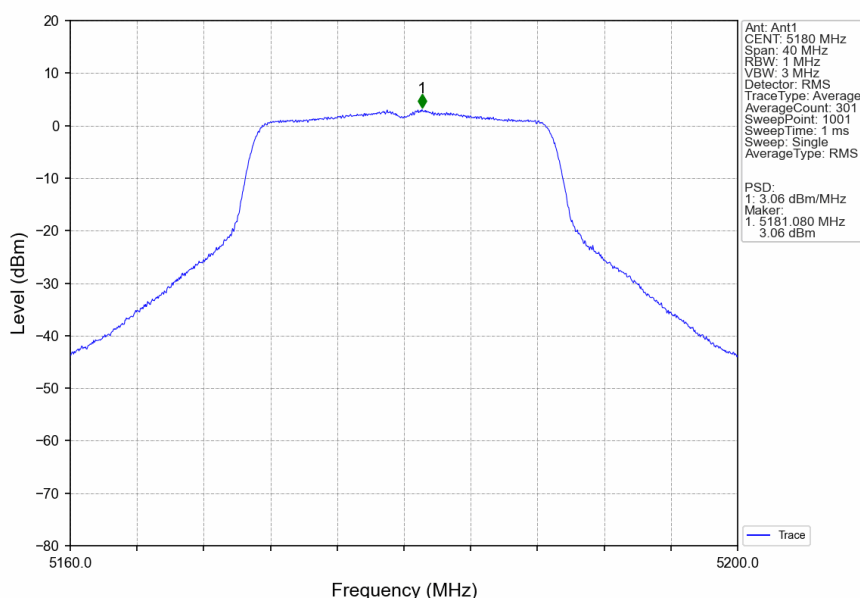
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802.11a\_HCH\_5700MHz\_Ant1\_NTNV



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



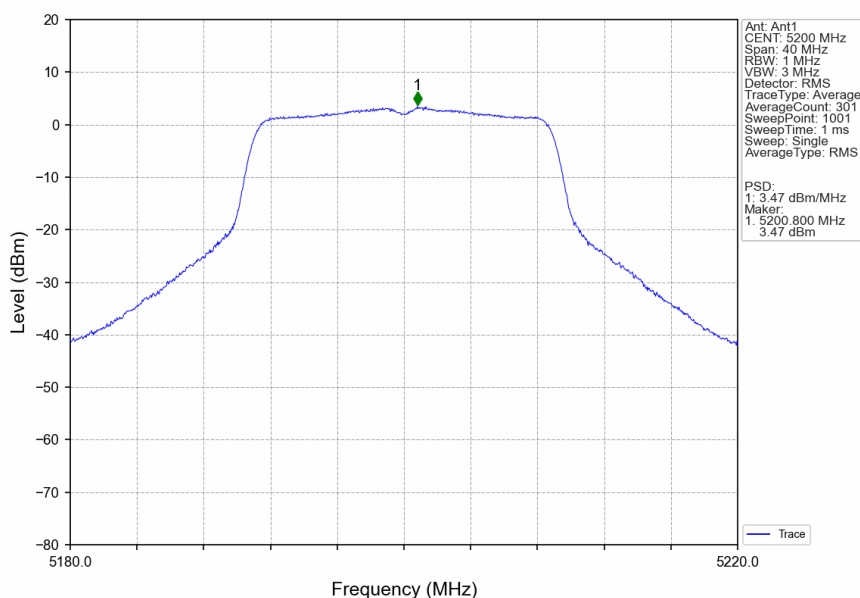
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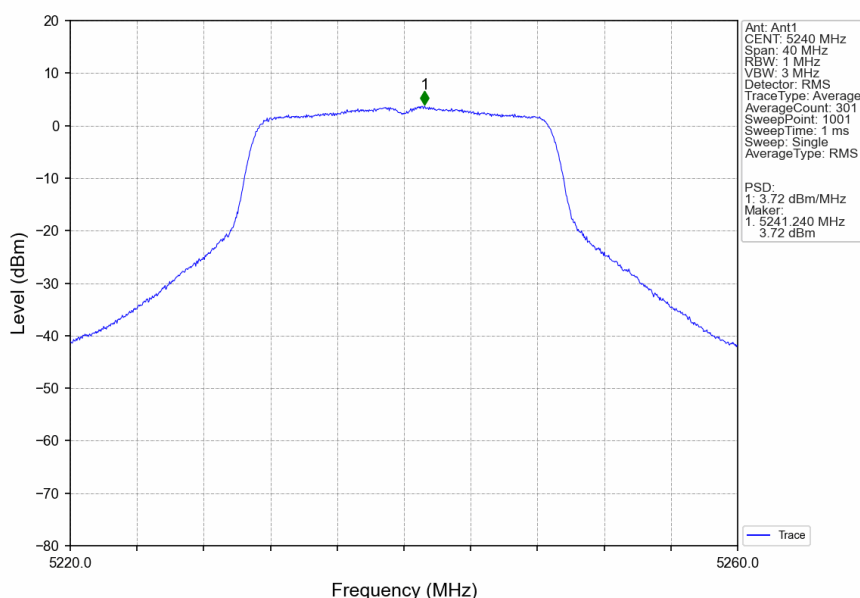
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802.11n(HT20)\_MCH\_5200MHz\_Ant1\_NTNV



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



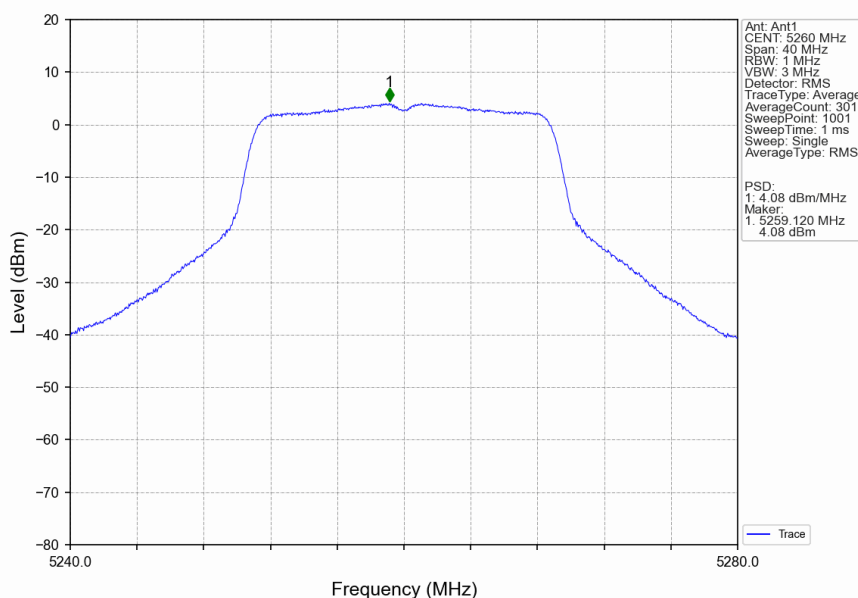
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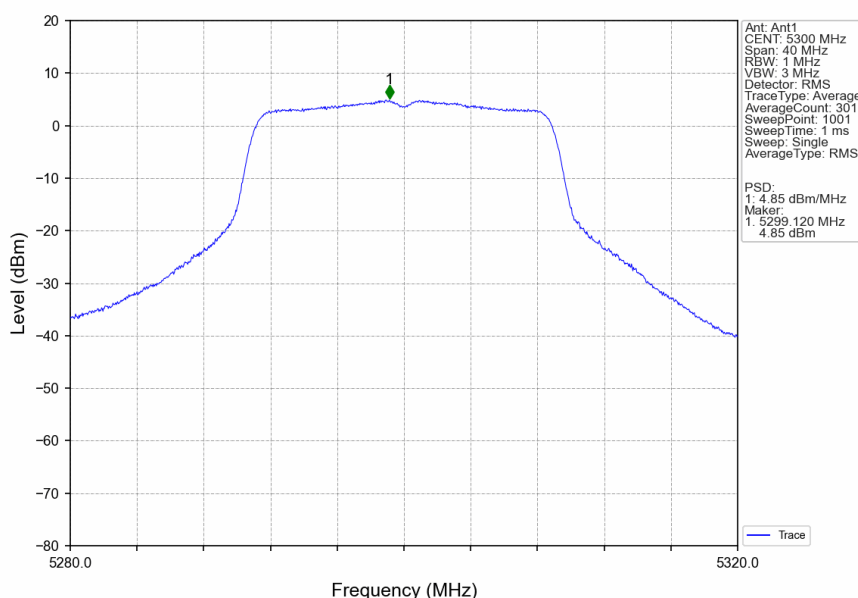
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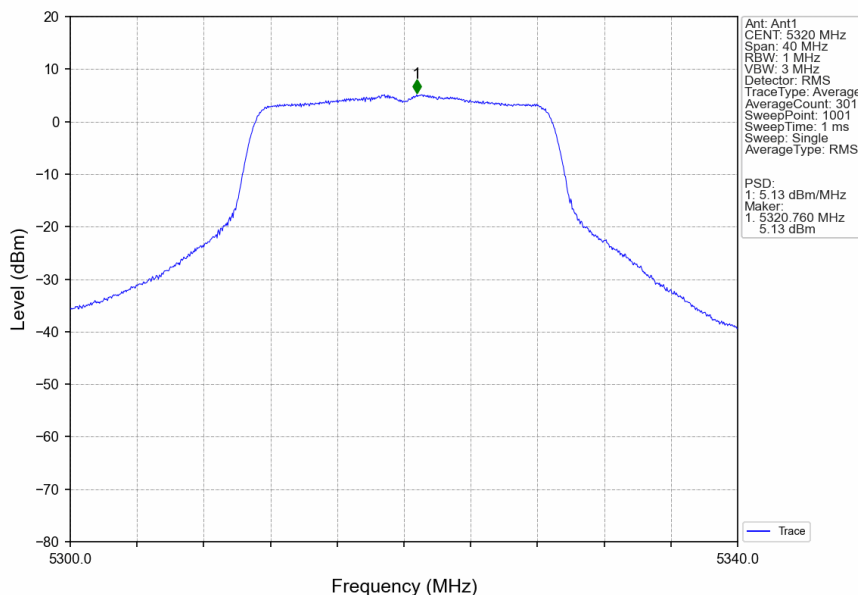
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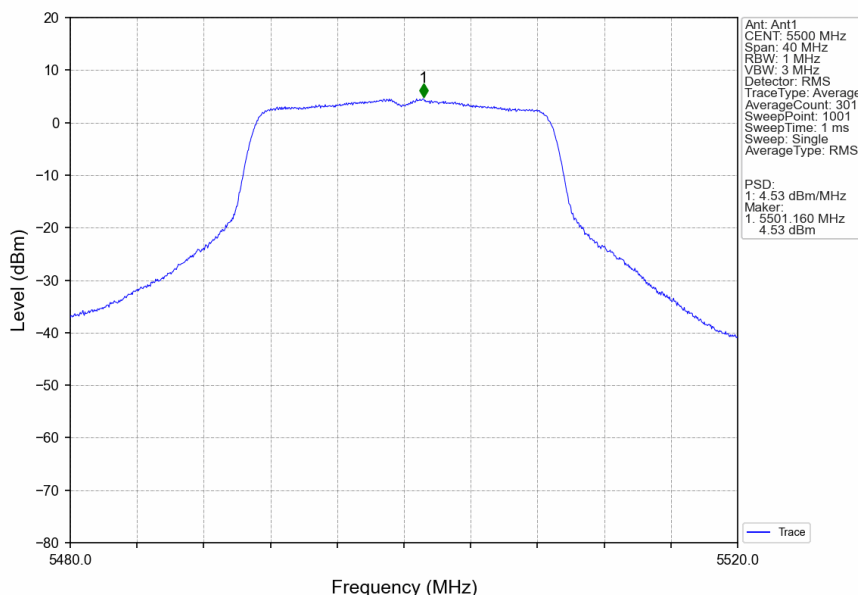
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802.11n(HT20)\_HCH\_5320MHz\_Ant1\_NTNV



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



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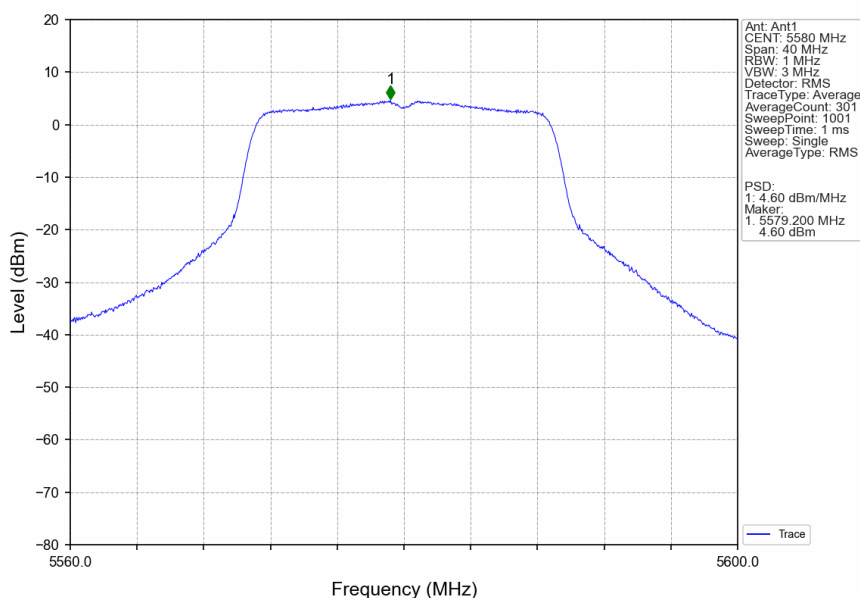
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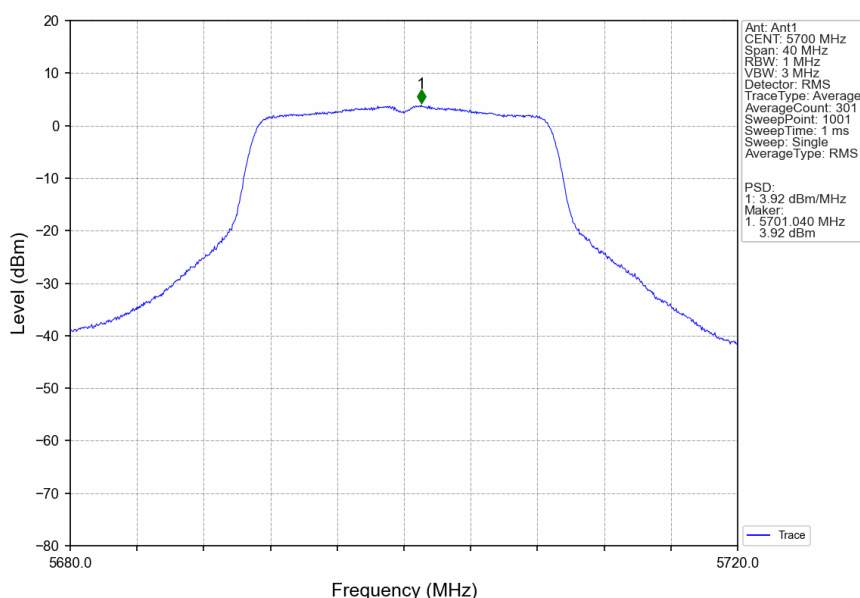
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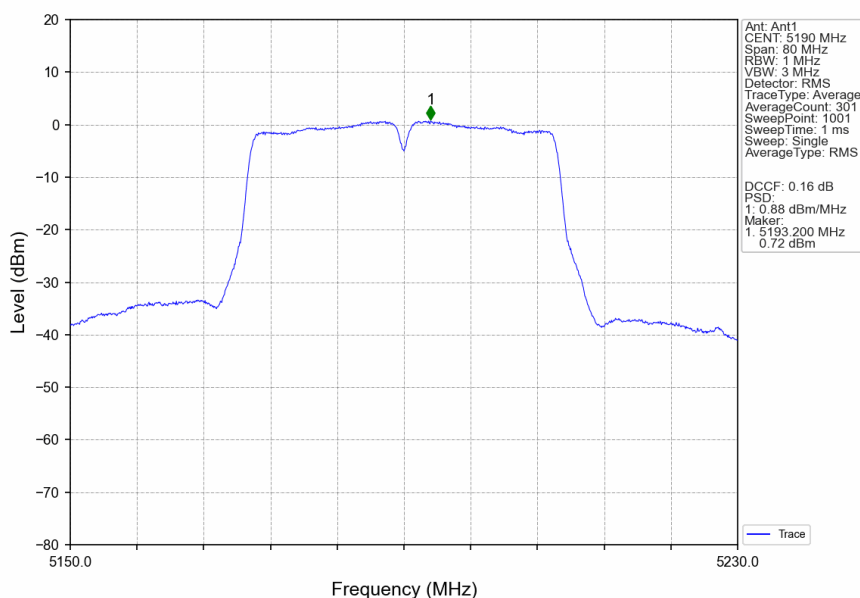
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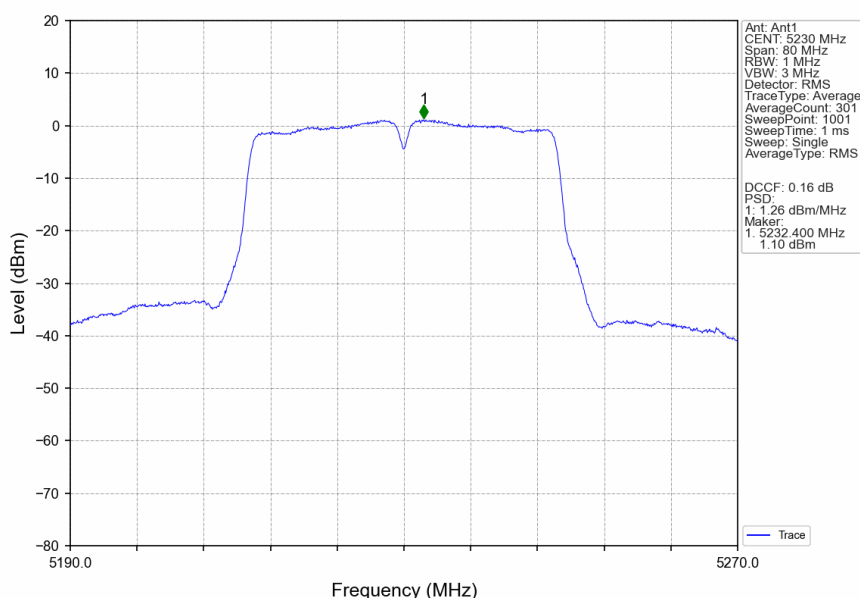
802.11n(HT20)\_HCH\_5700MHz\_Ant1\_NTNV



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



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



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