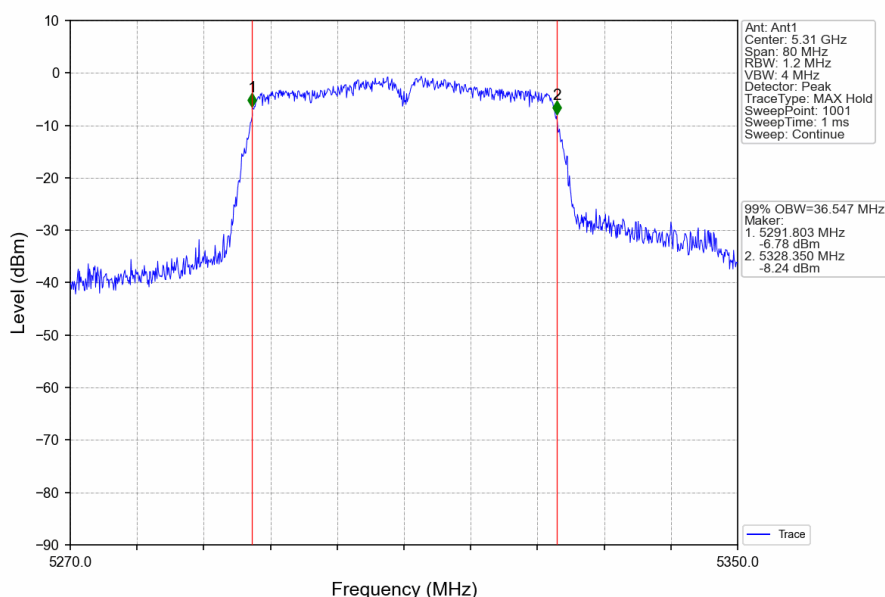
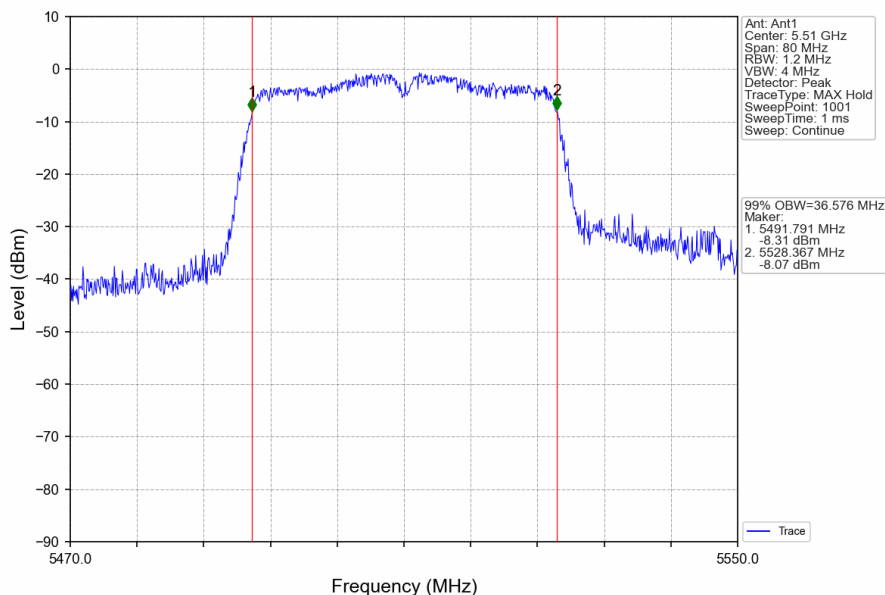


### 802.11ac(VHT40)\_HCH\_5310MHz\_Ant1\_NTNV



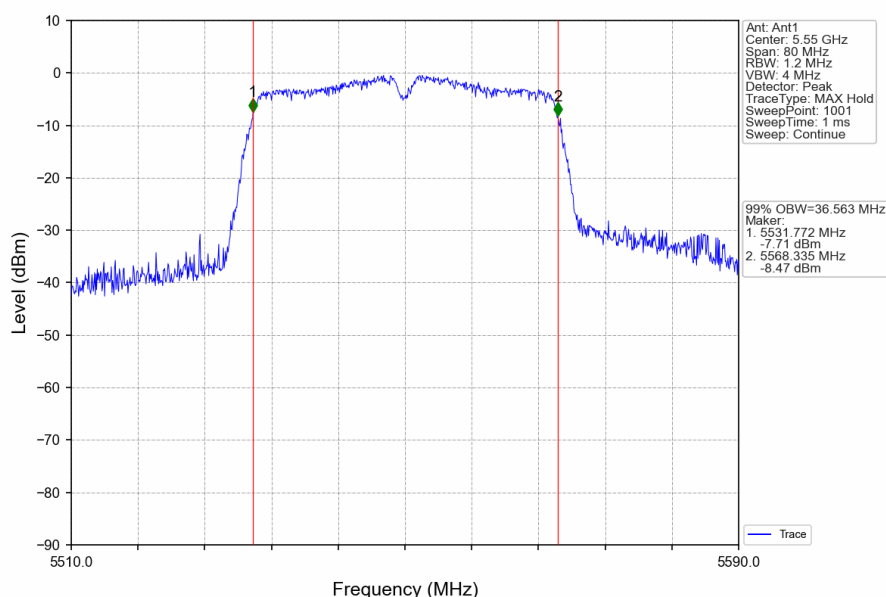
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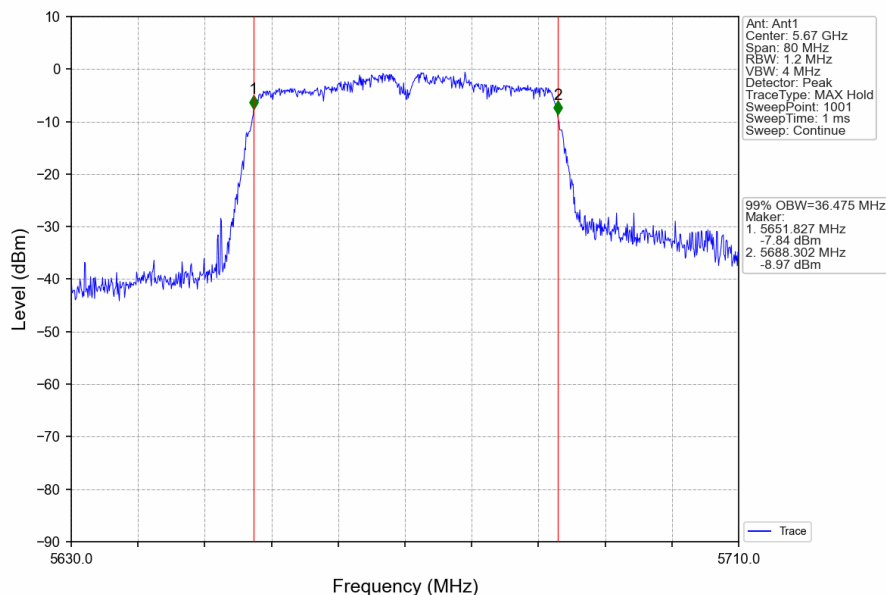
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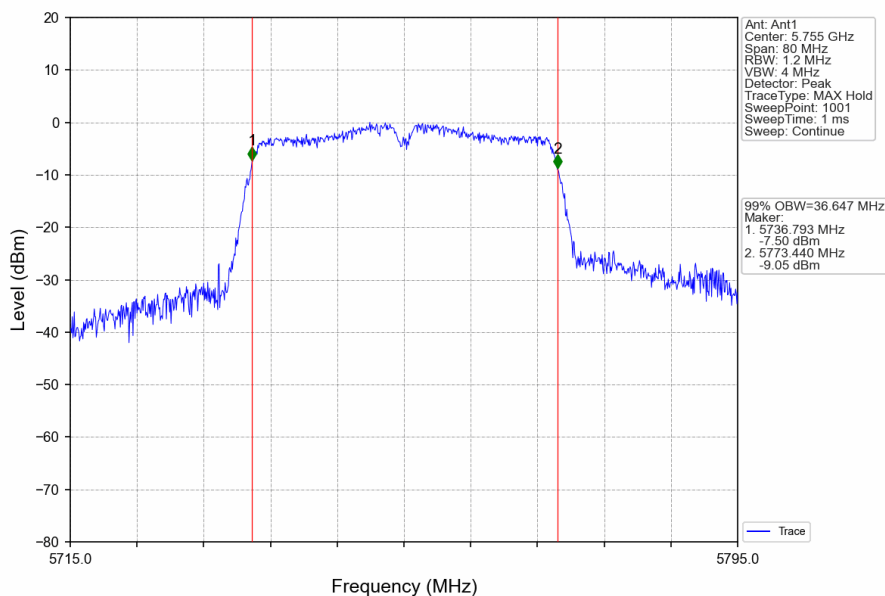
### 802.11ac(VHT40)\_MCH\_5550MHz\_Ant1\_NTNV



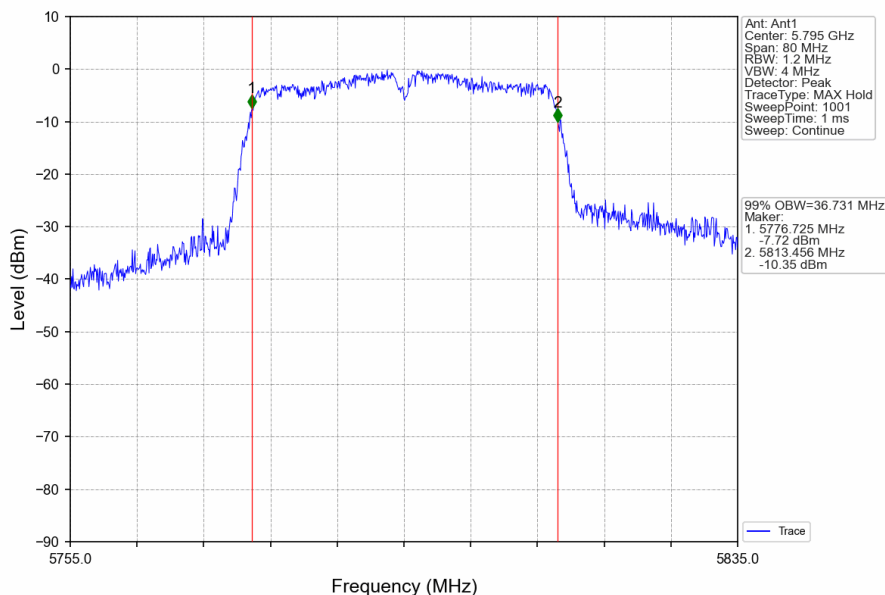
### 802.11ac(VHT40)\_HCH\_5670MHz\_Ant1\_NTNV



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



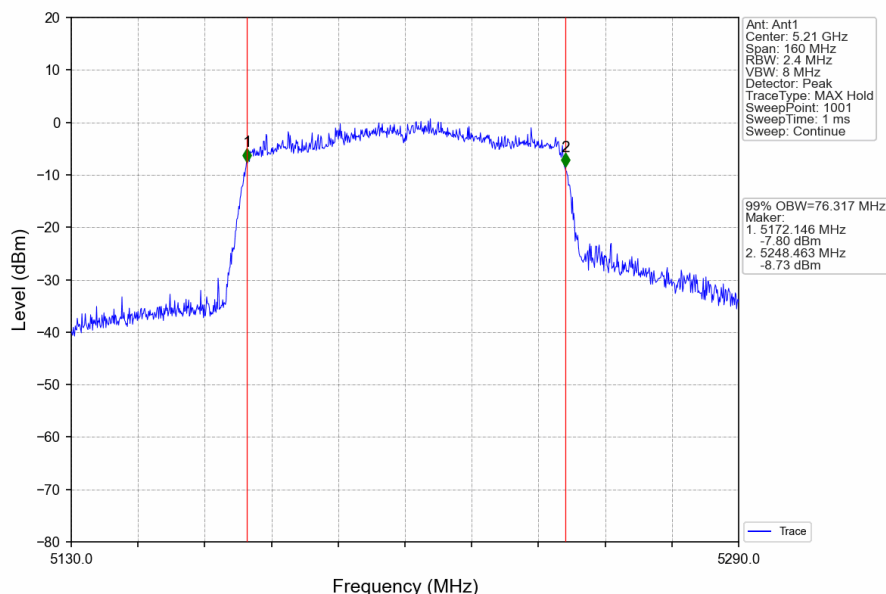
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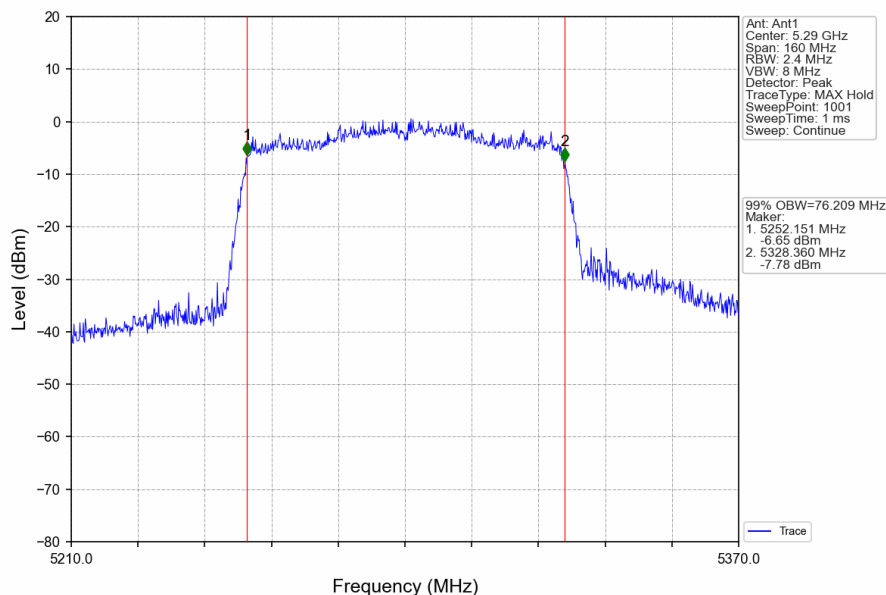
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### 802.11ac(VHT80)\_MCH\_5210MHz\_Ant1\_NTNV



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

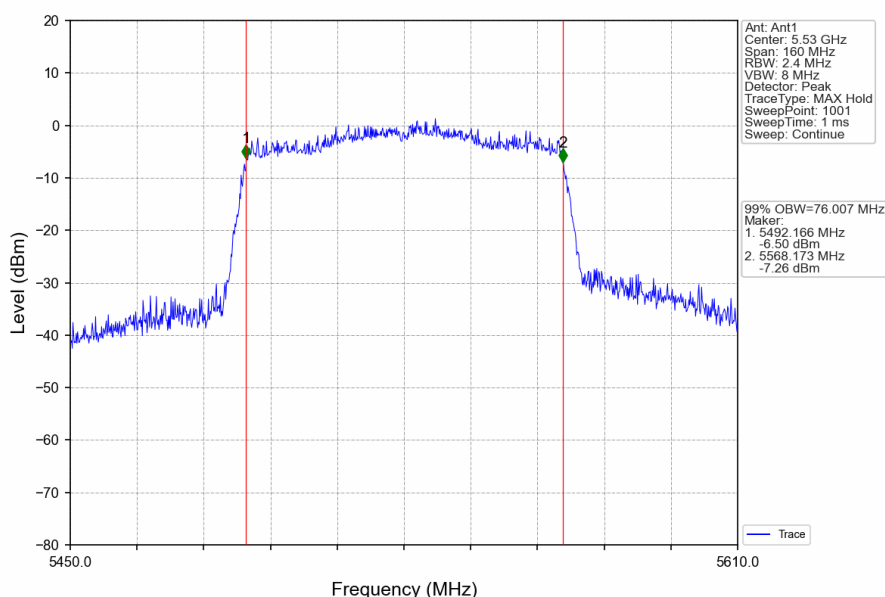


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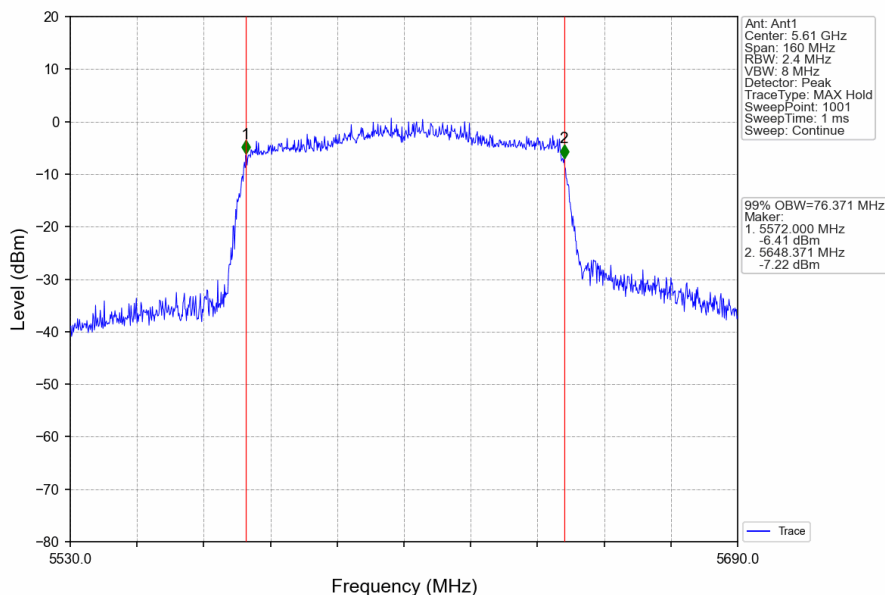
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### 802.11ac(VHT80)\_LCH\_5530MHz\_Ant1\_NTNV



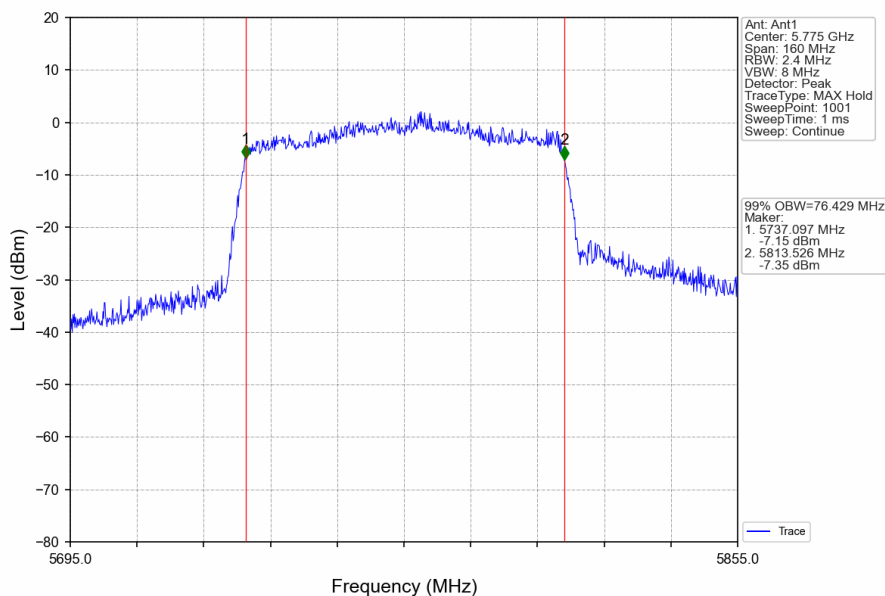
### 802.11ac(VHT80)\_HCH\_5610MHz\_Ant1\_NTNV



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



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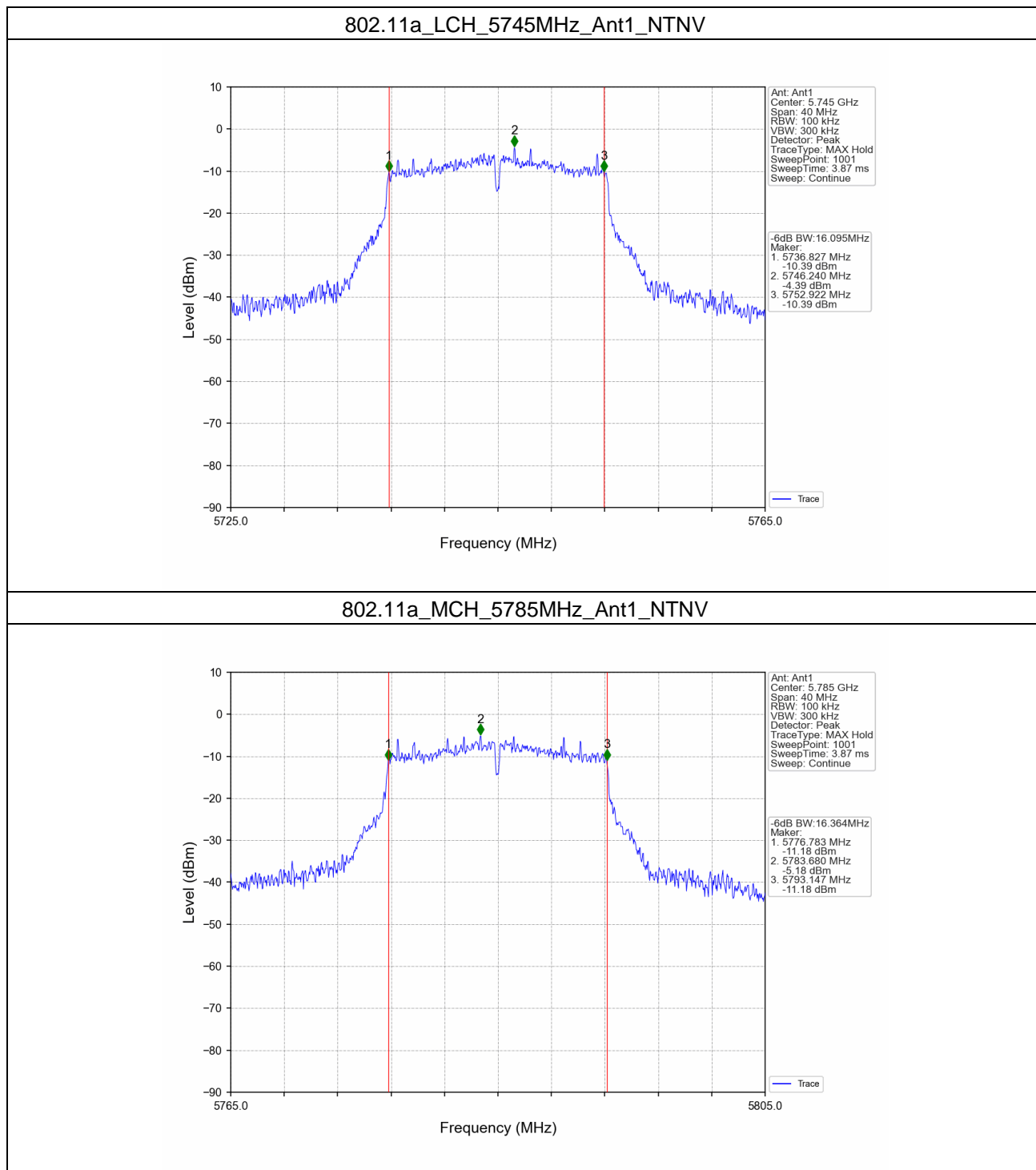
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### 2.2 6dB BW

#### 2.2.1 Test Result

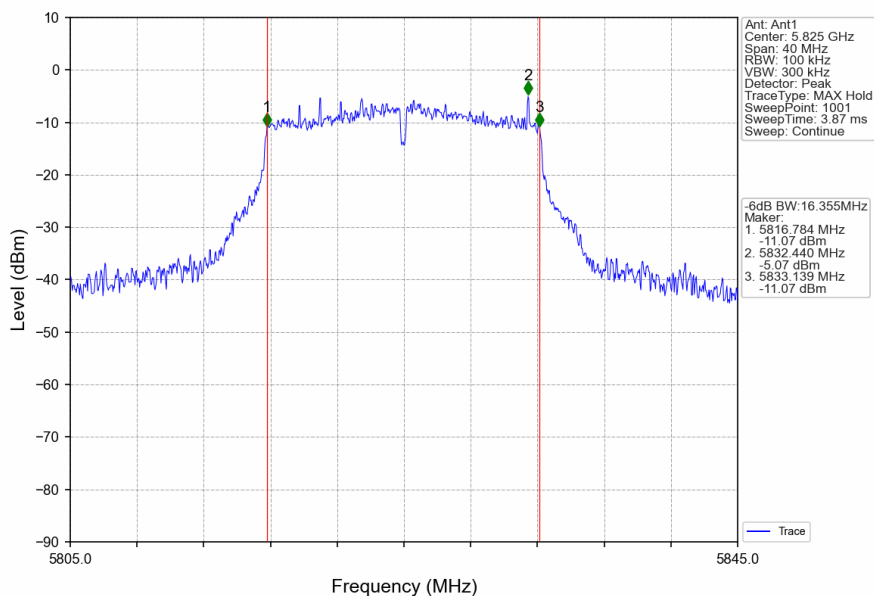
Mode	TX Type	Frequency (MHz)	ANT	6dB Bandwidth (MHz)		Verdict
				Result	Limit	
802.11a	SISO	5745	1	16.095	$\geq 0.5$	Pass
		5785	1	16.364	$\geq 0.5$	Pass
		5825	1	16.355	$\geq 0.5$	Pass
802.11n (HT20)	SISO	5745	1	17.573	$\geq 0.5$	Pass
		5785	1	16.185	$\geq 0.5$	Pass
		5825	1	17.181	$\geq 0.5$	Pass
802.11n (HT40)	SISO	5755	1	35.716	$\geq 0.5$	Pass
		5795	1	35.922	$\geq 0.5$	Pass
802.11ac (VHT20)	SISO	5745	1	16.990	$\geq 0.5$	Pass
		5785	1	17.301	$\geq 0.5$	Pass
		5825	1	17.279	$\geq 0.5$	Pass
802.11ac (VHT40)	SISO	5755	1	35.597	$\geq 0.5$	Pass
		5795	1	35.551	$\geq 0.5$	Pass
802.11ac (VHT80)	SISO	5775	1	75.223	$\geq 0.5$	Pass

### 2.2.2 Test Graph

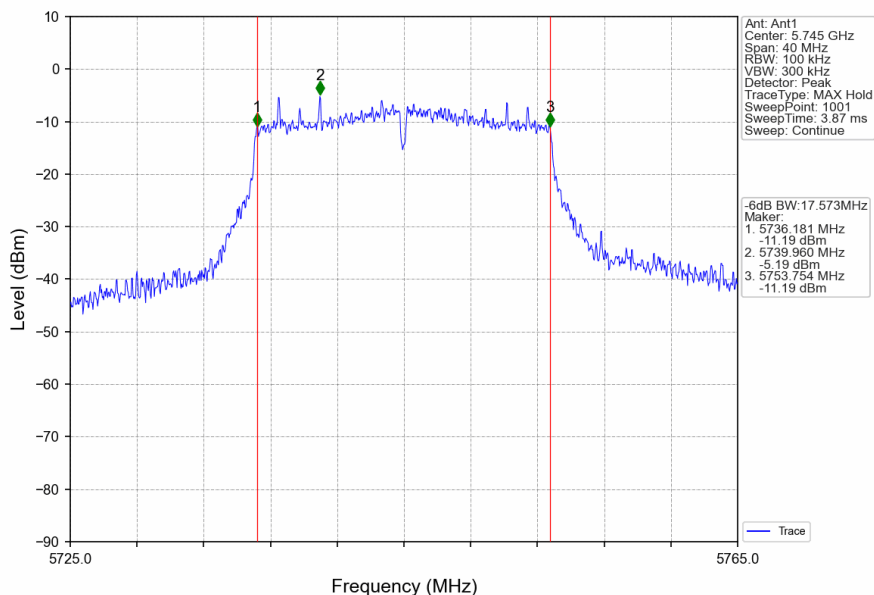




### 802.11a\_HCH\_5825MHz\_Ant1\_NTNV



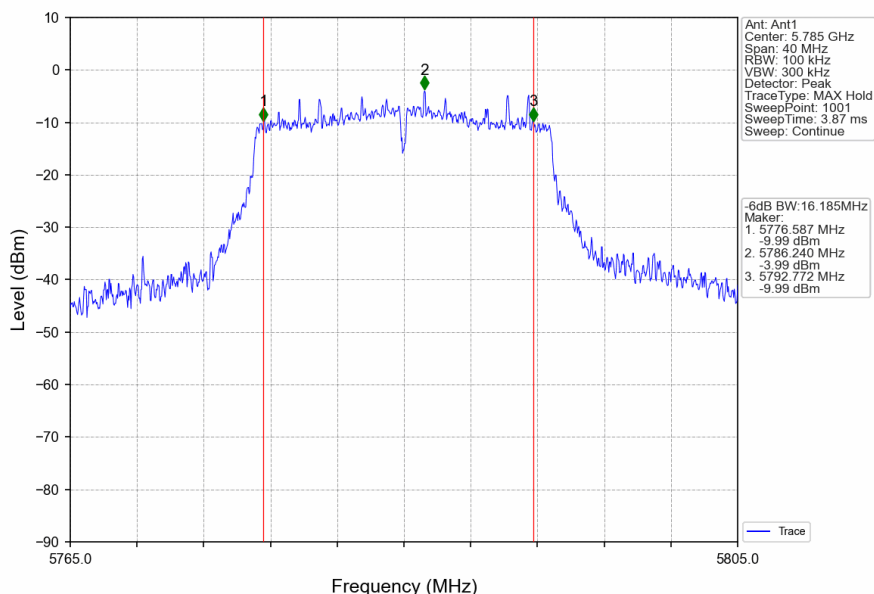
### 802.11n(HT20)\_LCH\_5745MHz\_Ant1\_NTNV



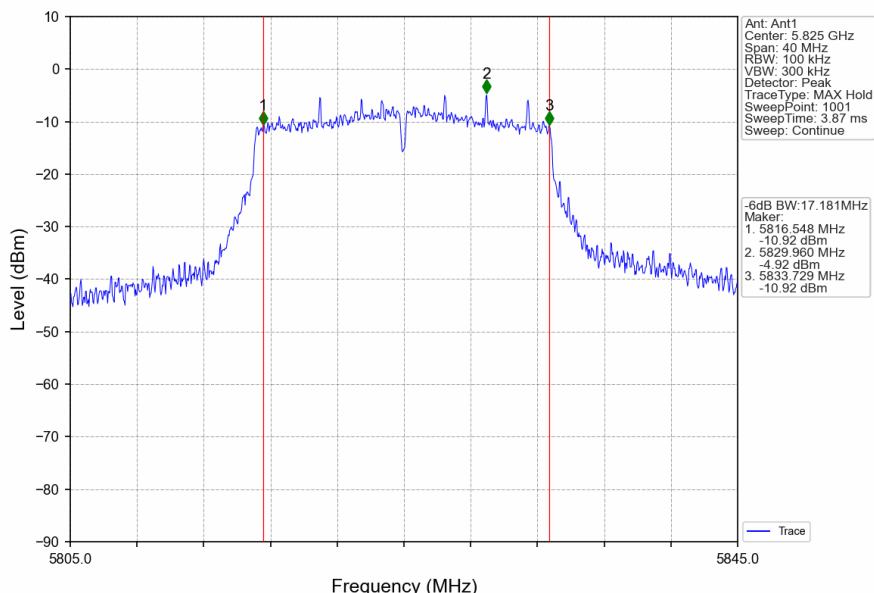
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802.11n(HT20)\_MCH\_5785MHz\_Ant1\_NTNV



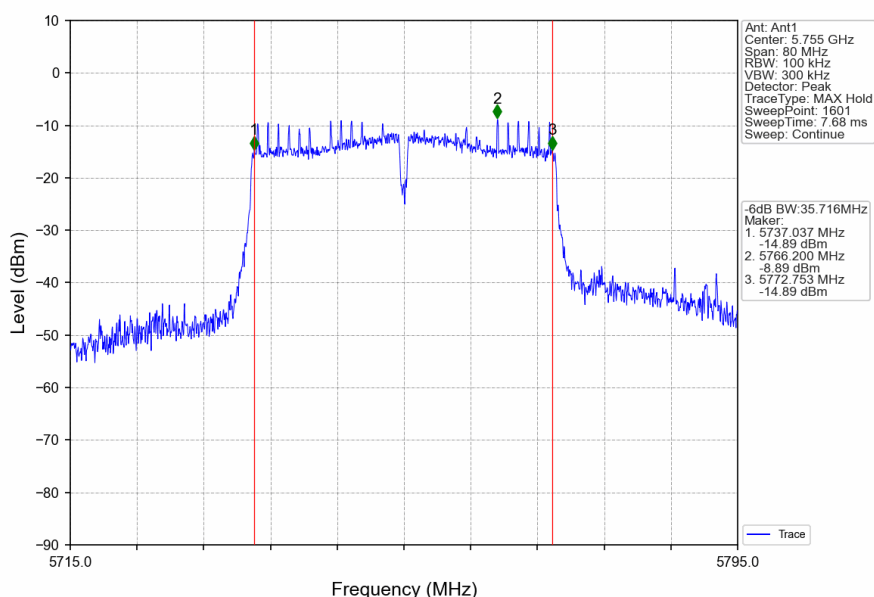
802.11n(HT20)\_HCH\_5825MHz\_Ant1\_NTNV



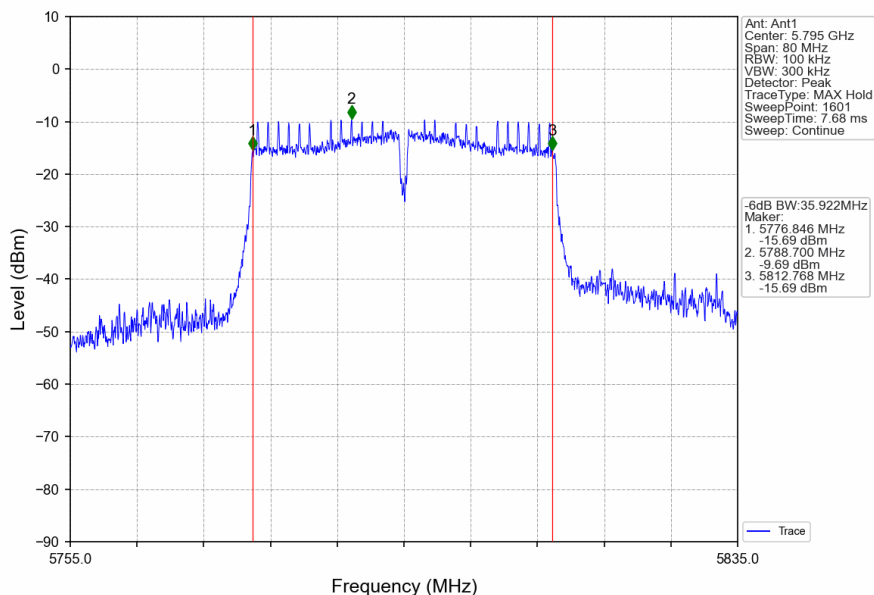
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### 802.11n(HT40)\_LCH\_5755MHz\_Ant1\_NTNV



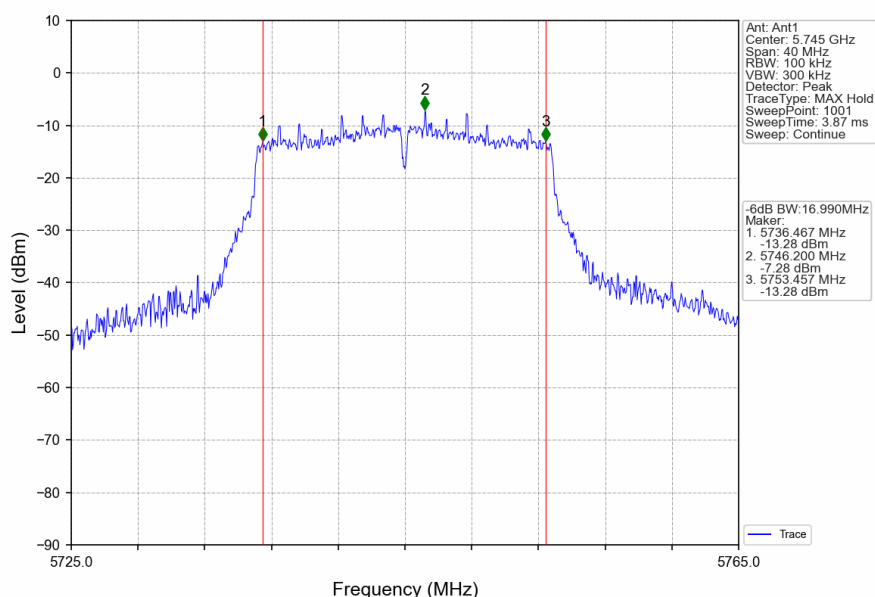
### 802.11n(HT40)\_HCH\_5795MHz\_Ant1\_NTNV



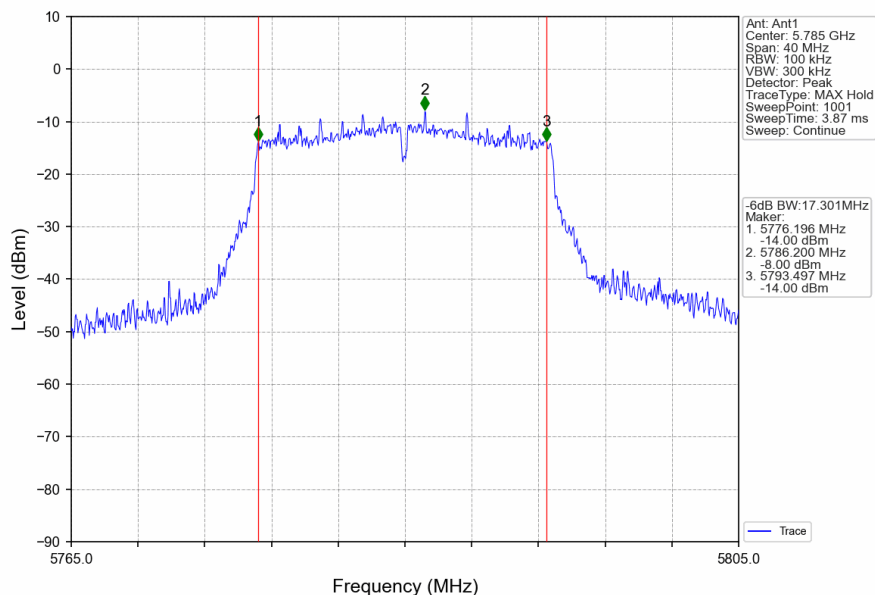
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### 802.11ac(VHT20)\_LCH\_5745MHz\_Ant1\_NTNV

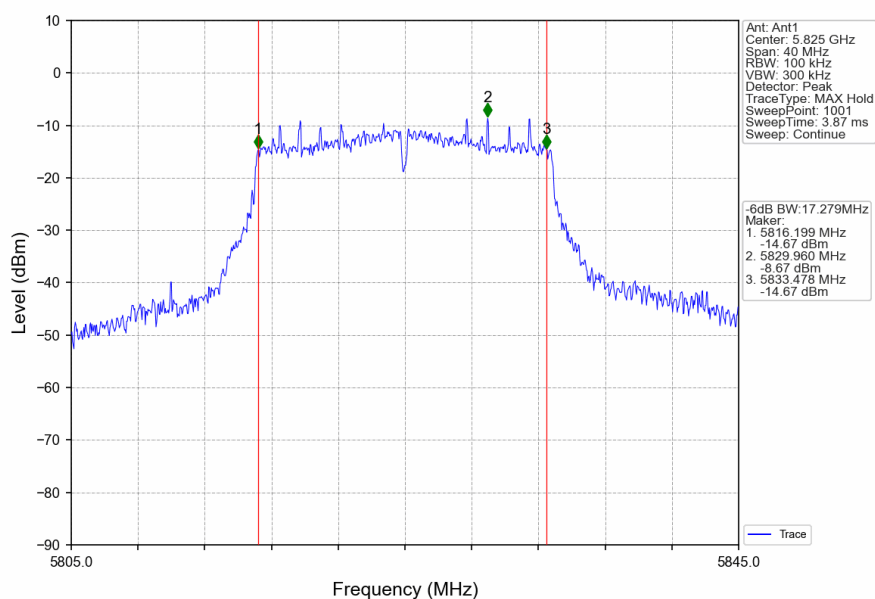


### 802.11ac(VHT20)\_MCH\_5785MHz\_Ant1\_NTNV

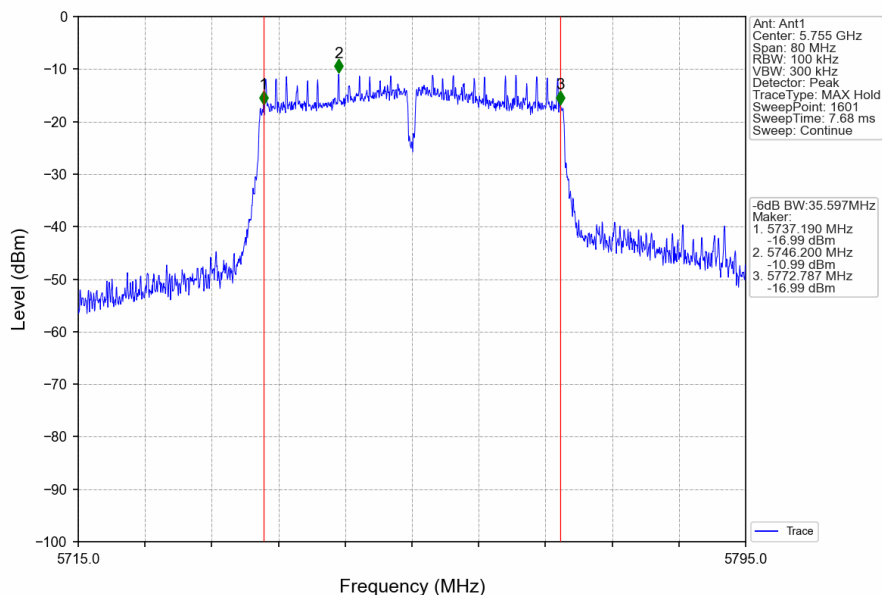




### 802.11ac(VHT20)\_HCH\_5825MHz\_Ant1\_NTNV

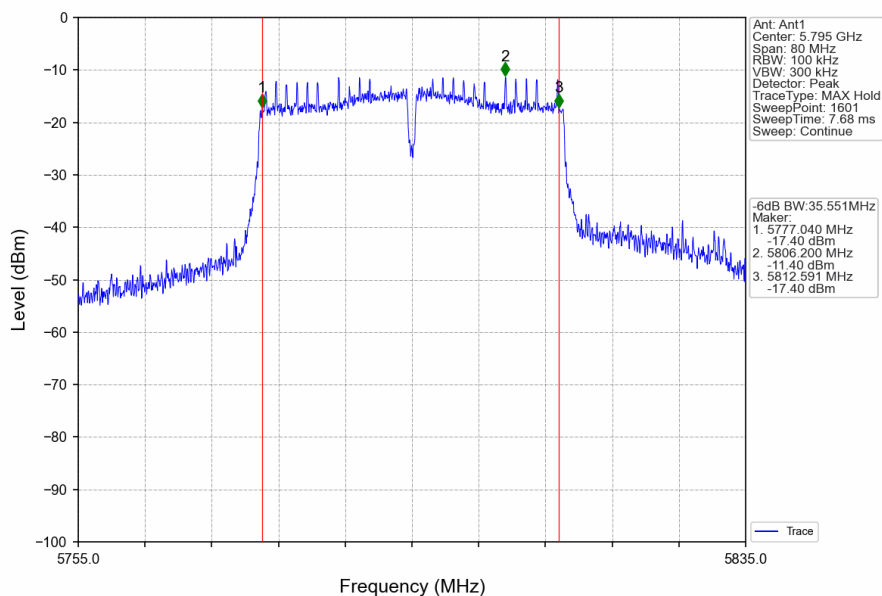


### 802.11ac(VHT40)\_LCH\_5755MHz\_Ant1\_NTNV

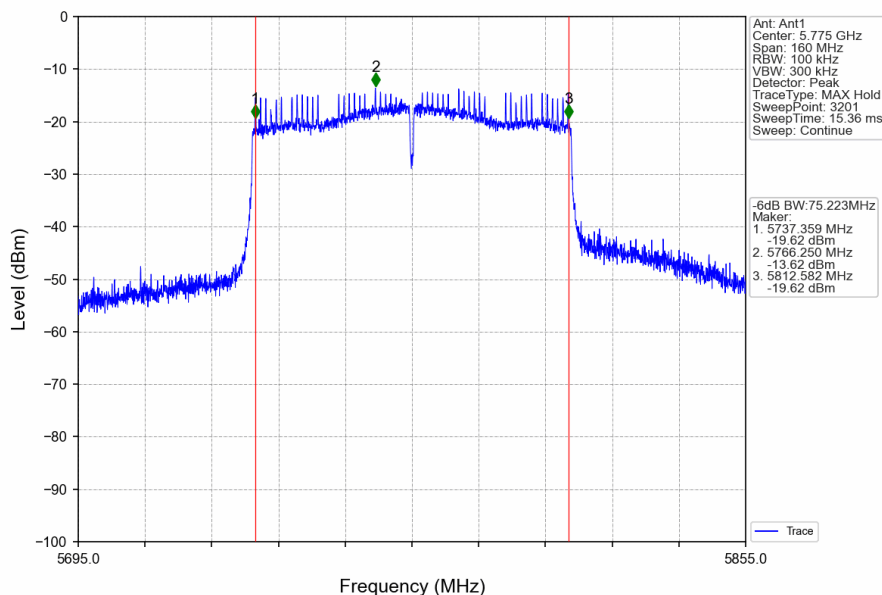




### 802.11ac(VHT40)\_HCH\_5795MHz\_Ant1\_NTNV



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



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### 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	22.230	Pass
		5200	1	22.003	Pass
		5240	1	25.915	Pass
		5260	1	26.024	Pass
		5300	1	21.910	Pass
		5320	1	22.140	Pass
		5500	1	22.094	Pass
		5580	1	22.167	Pass
		5700	1	21.959	Pass
802.11n (HT20)	SISO	5180	1	22.205	Pass
		5200	1	27.678	Pass
		5240	1	26.503	Pass
		5260	1	23.549	Pass
		5300	1	24.489	Pass
		5320	1	22.460	Pass
		5500	1	22.174	Pass
		5580	1	22.134	Pass
		5700	1	22.612	Pass
802.11n (HT40)	SISO	5190	1	62.695	Pass
		5230	1	58.908	Pass
		5270	1	59.070	Pass
		5310	1	58.058	Pass
		5510	1	58.537	Pass
		5550	1	61.576	Pass
		5670	1	58.405	Pass
802.11ac (VHT20)	SISO	5180	1	23.849	Pass
		5200	1	22.289	Pass
		5240	1	26.134	Pass
		5260	1	24.328	Pass
		5300	1	22.271	Pass
		5320	1	22.313	Pass
		5500	1	22.339	Pass
		5580	1	22.261	Pass
		5700	1	22.216	Pass
802.11ac	SISO	5190	1	48.352	Pass



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EMC-TRF-01 Rev 1.1

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(VHT40)		5230	1	47.995	Pass
		5270	1	43.893	Pass
		5310	1	41.037	Pass
		5510	1	40.768	Pass
		5550	1	40.711	Pass
		5670	1	46.219	Pass
802.11ac (VHT80)	SISO	5210	1	89.995	Pass
		5290	1	83.099	Pass
		5530	1	83.091	Pass
		5610	1	84.197	Pass



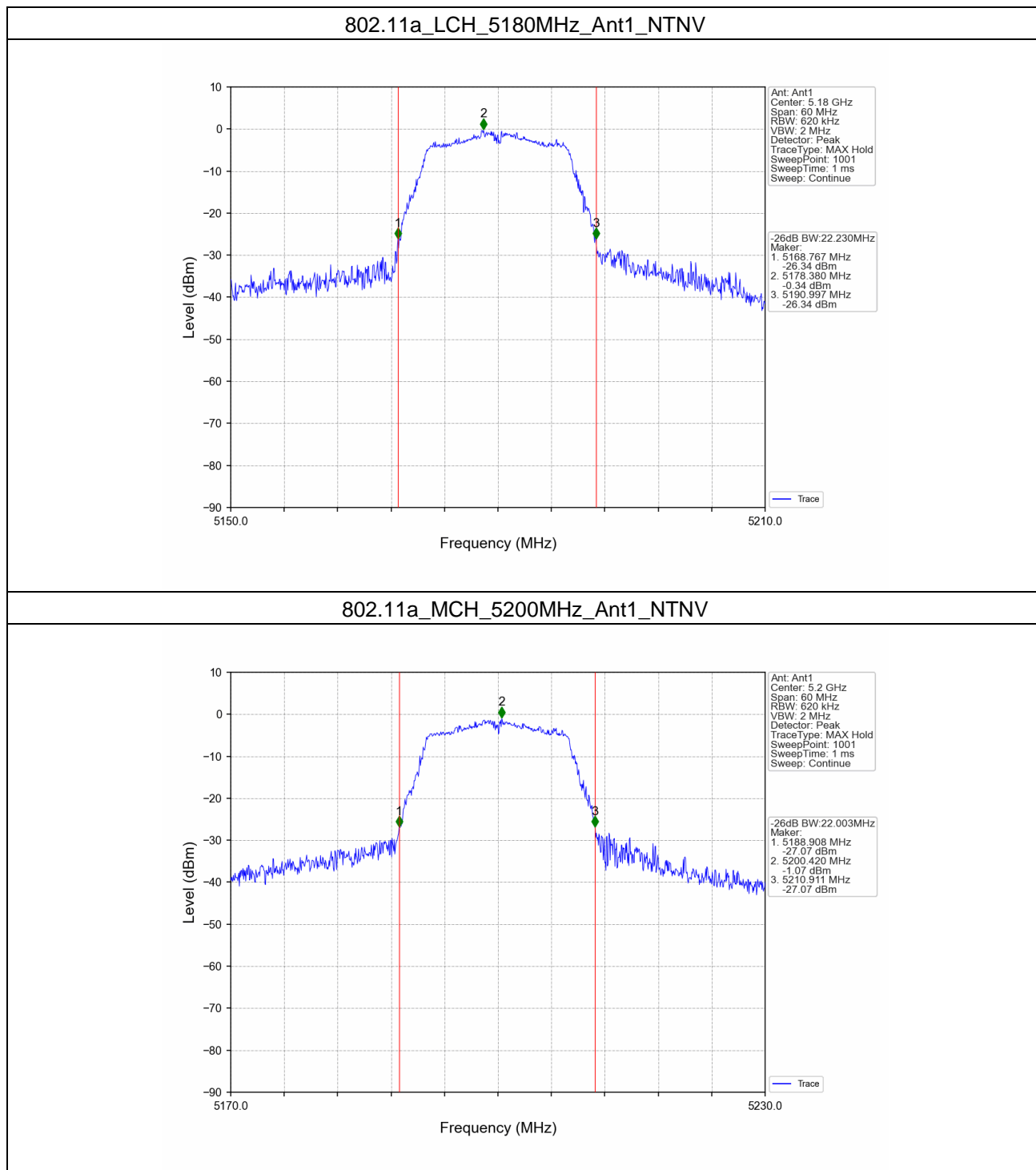
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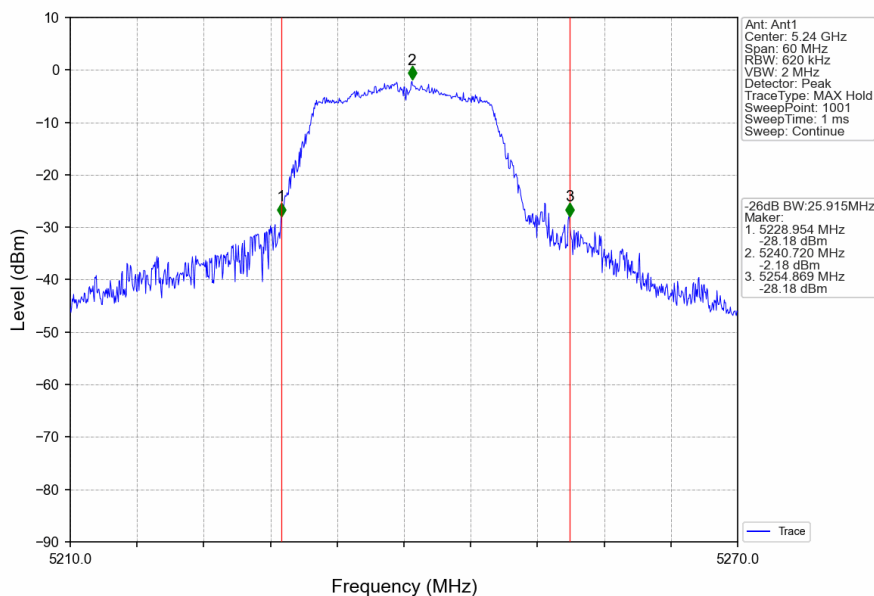
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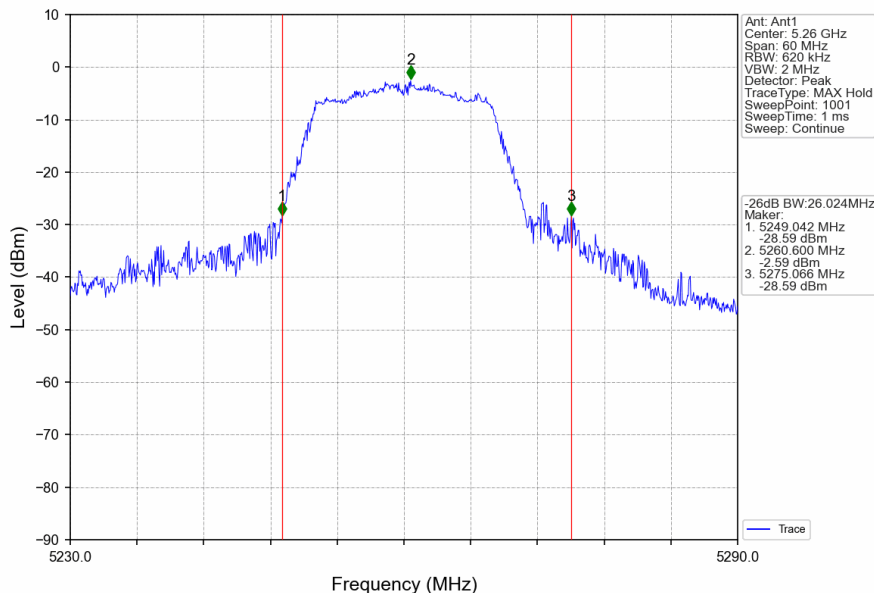
### 2.3.2 Test Graph



802.11a\_HCH\_5240MHz\_Ant1\_NTNV

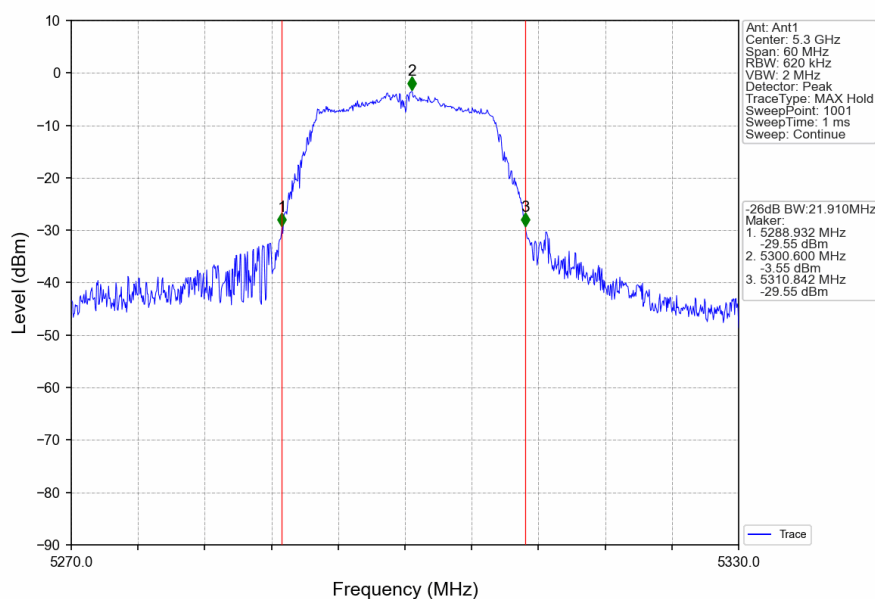


802.11a\_LCH\_5260MHz\_Ant1\_NTNV

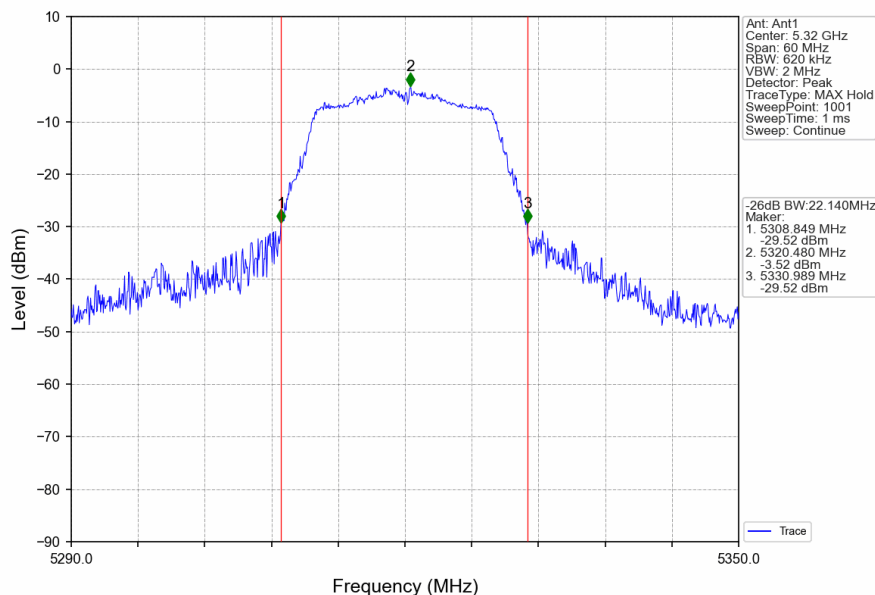




802.11a\_MCH\_5300MHz\_Ant1\_NTNV



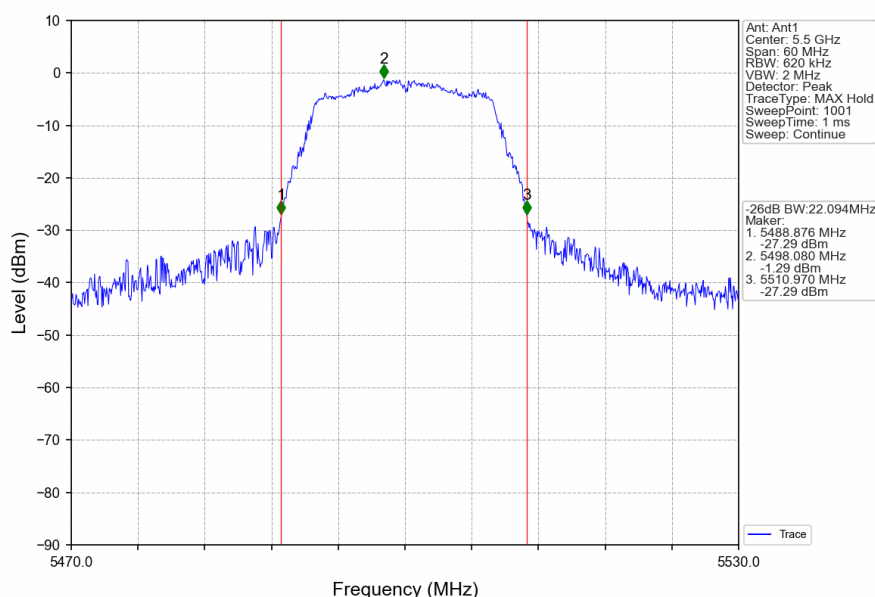
802.11a\_HCH\_5320MHz\_Ant1\_NTNV



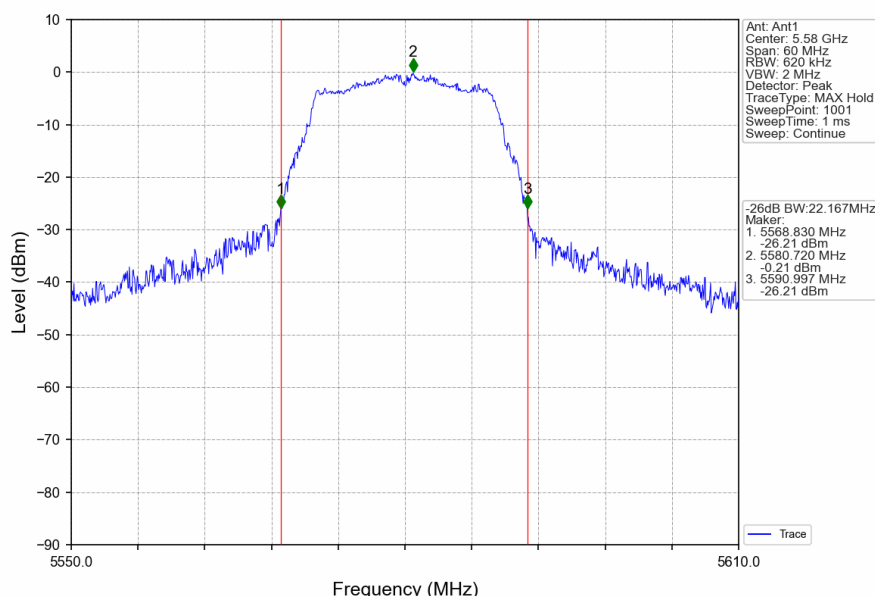
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802.11a\_LCH\_5500MHz\_Ant1\_NTNV



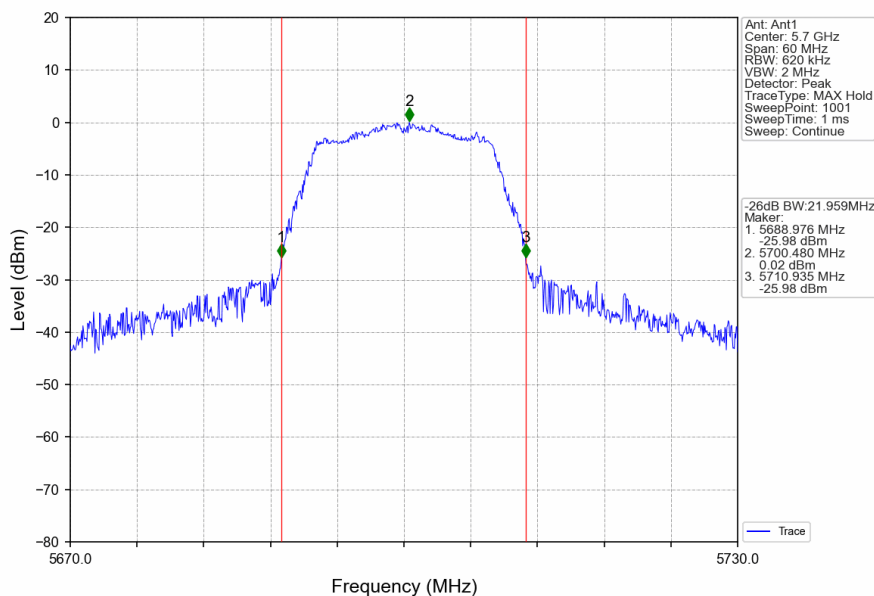
802.11a\_MCH\_5580MHz\_Ant1\_NTNV



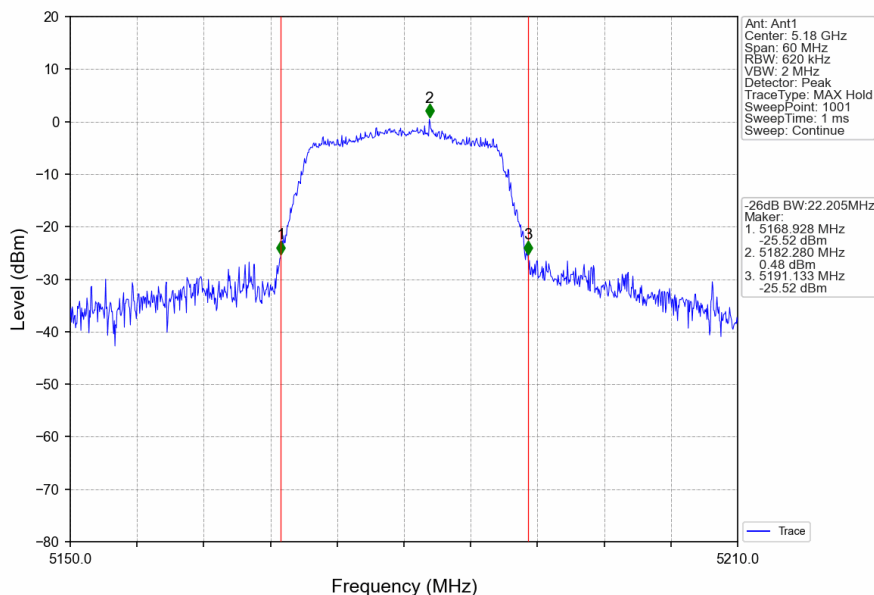
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### 802.11a\_HCH\_5700MHz\_Ant1\_NTNV



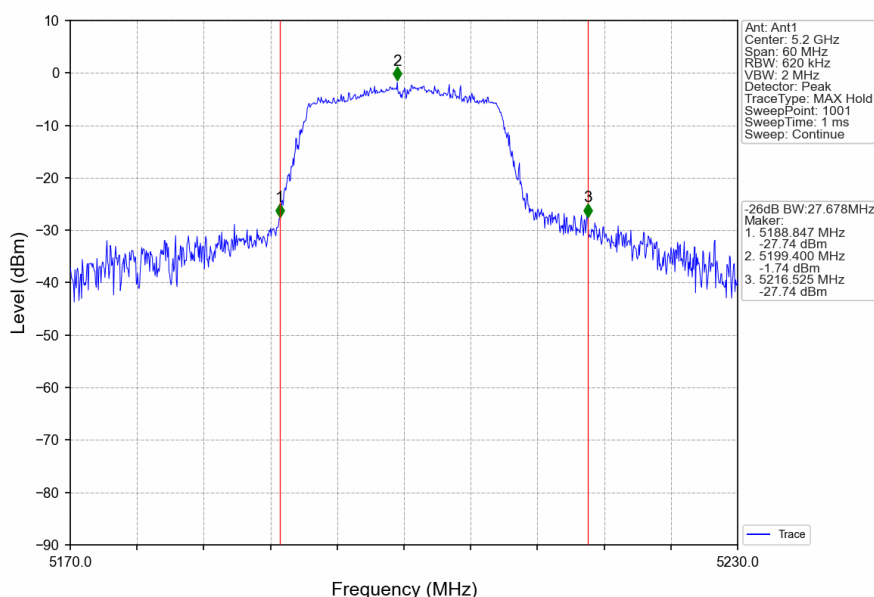
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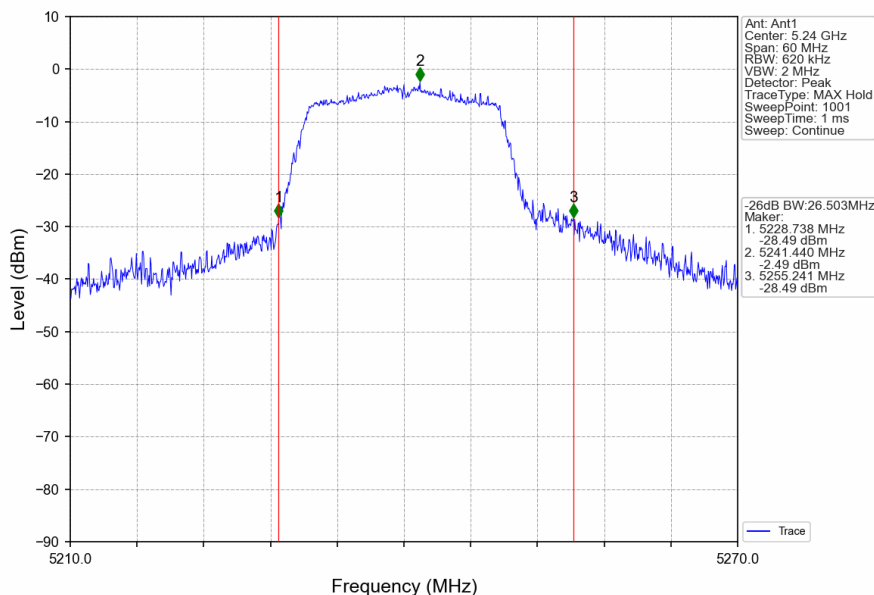
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802.11n(HT20)\_MCH\_5200MHz\_Ant1\_NTNV

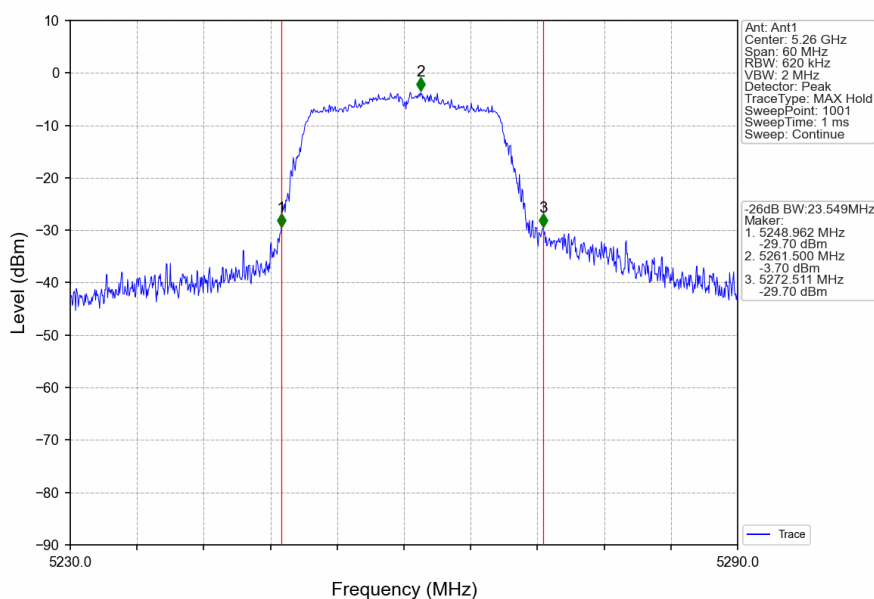


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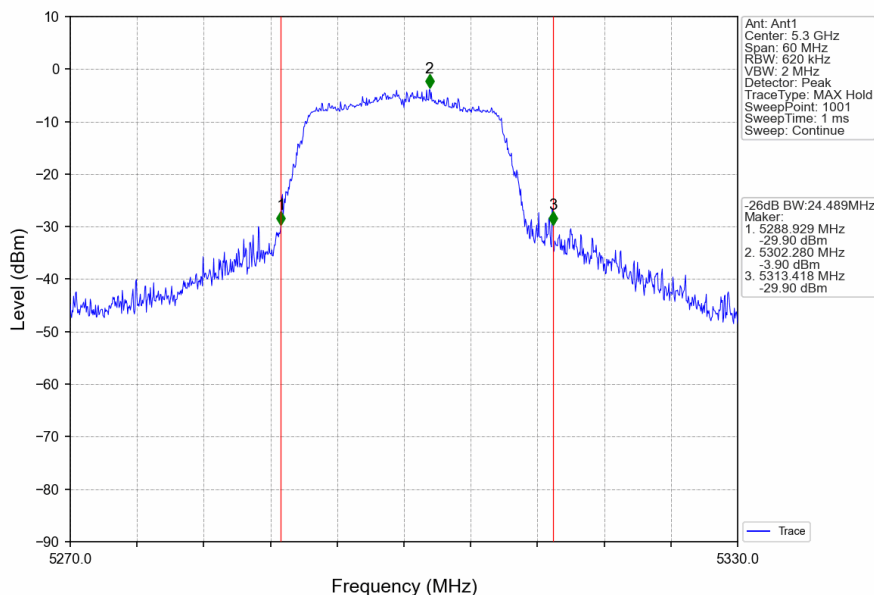




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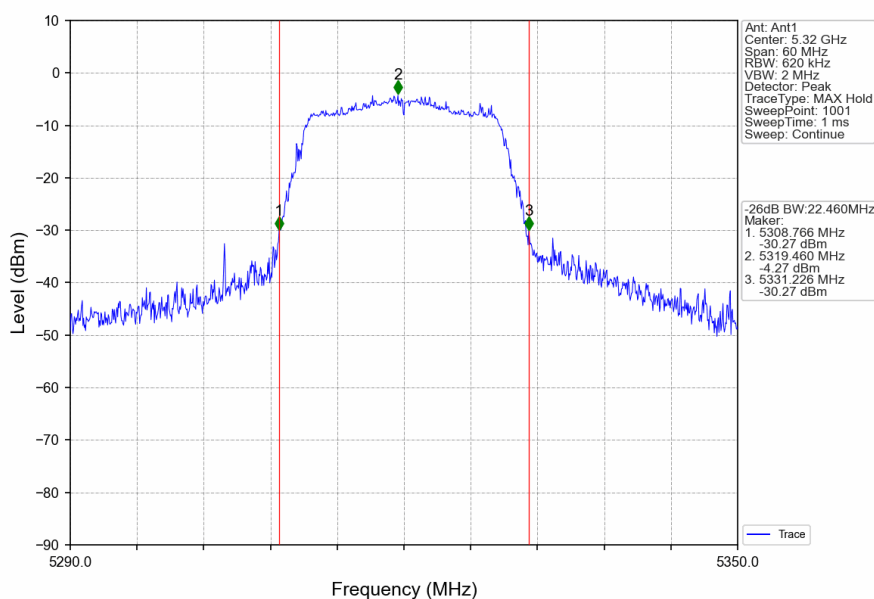


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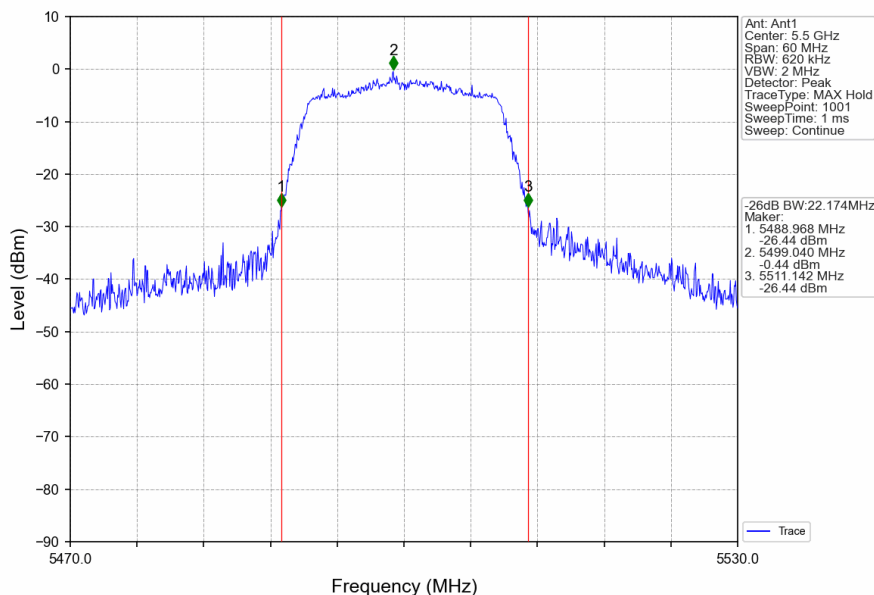




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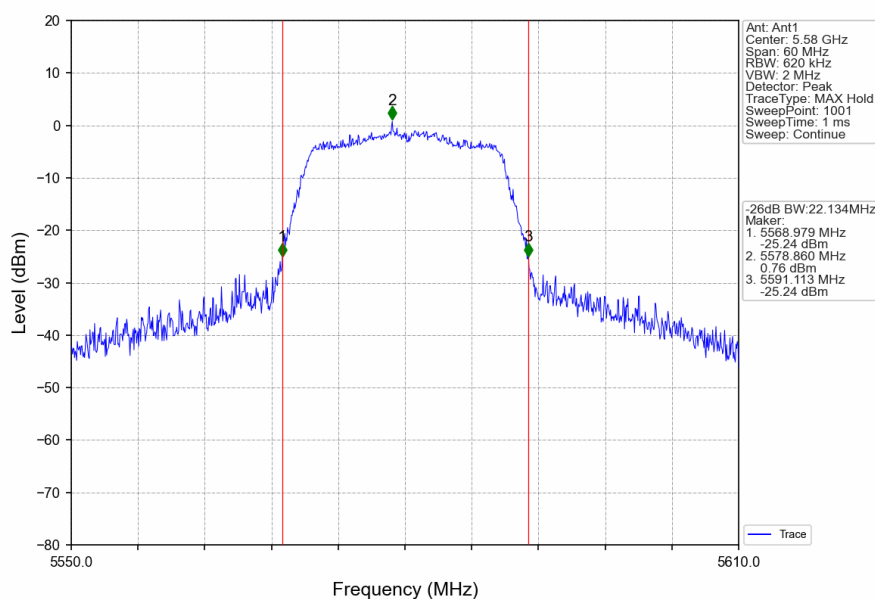
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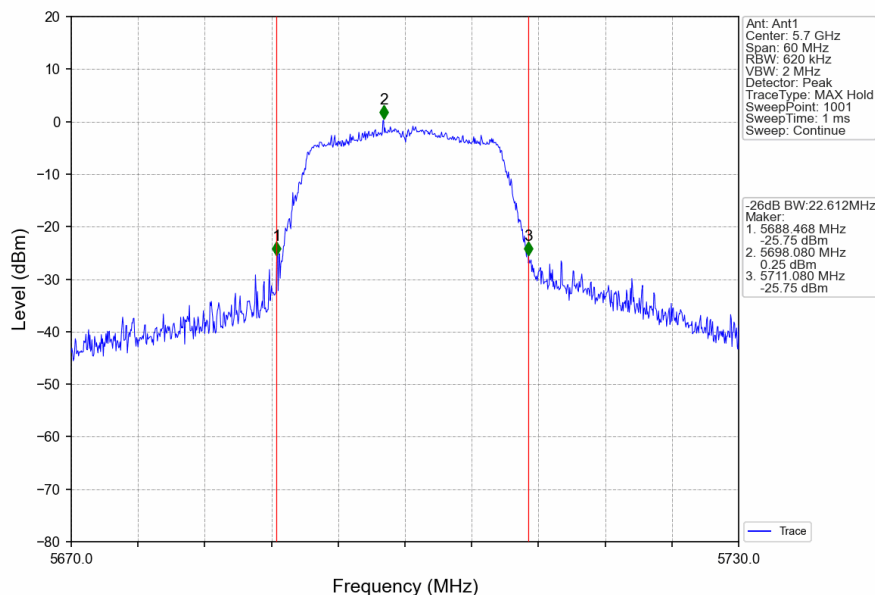
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802.11n(HT20)\_MCH\_5580MHz\_Ant1\_NTNV



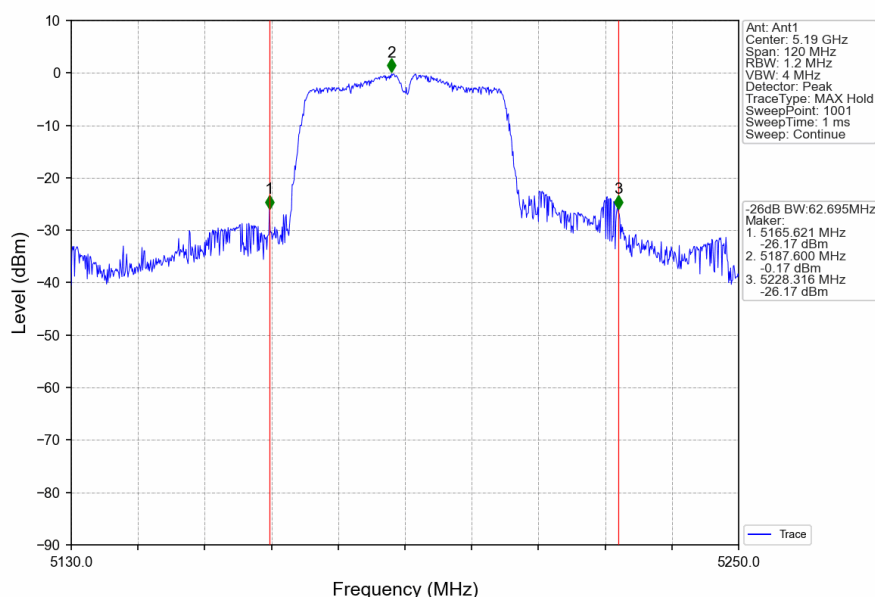
802.11n(HT20)\_HCH\_5700MHz\_Ant1\_NTNV



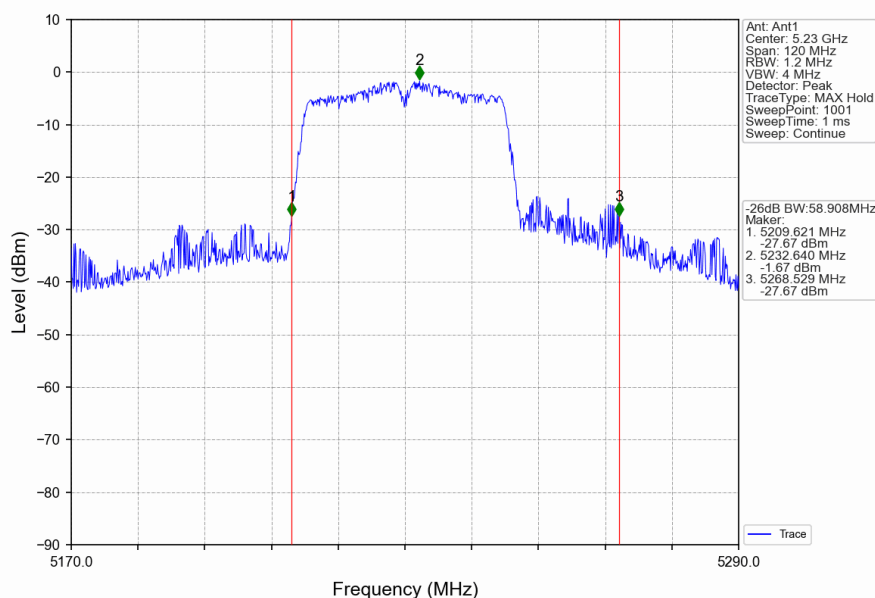
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### 802.11n(HT40)\_LCH\_5190MHz\_Ant1\_NTNV



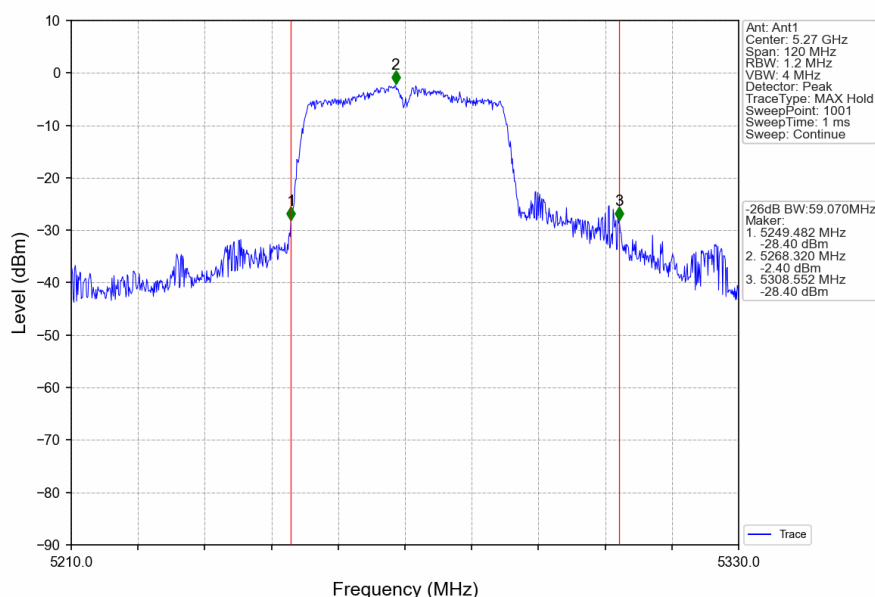
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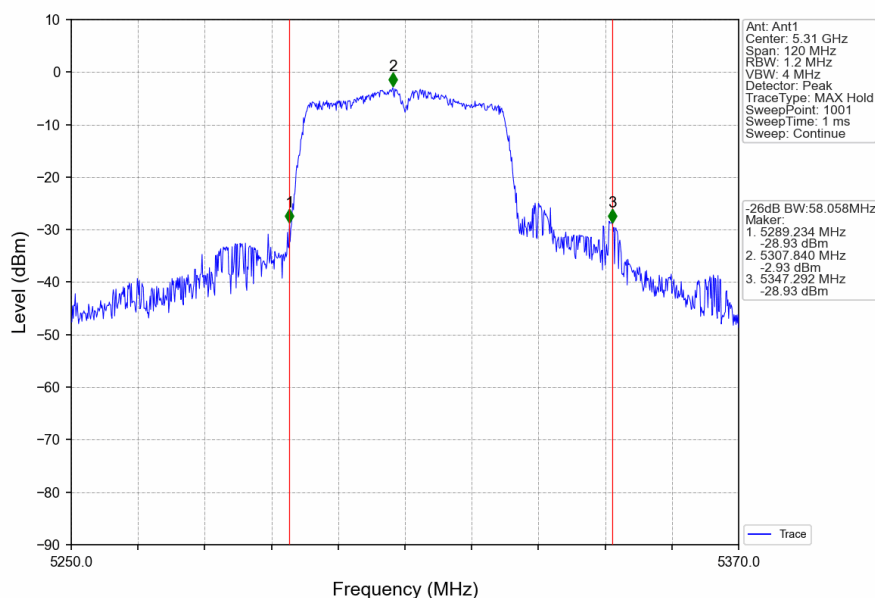
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### 802.11n(HT40)\_LCH\_5270MHz\_Ant1\_NTNV



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

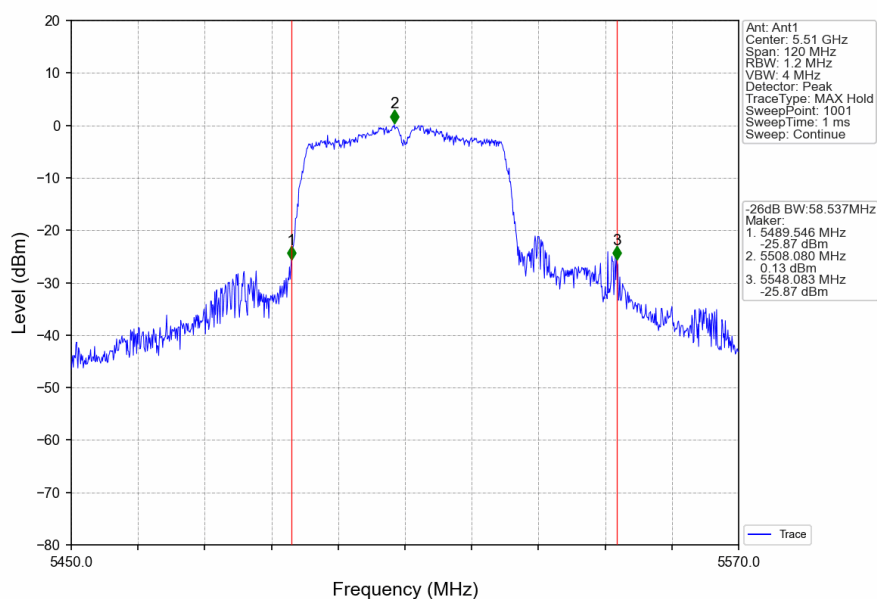


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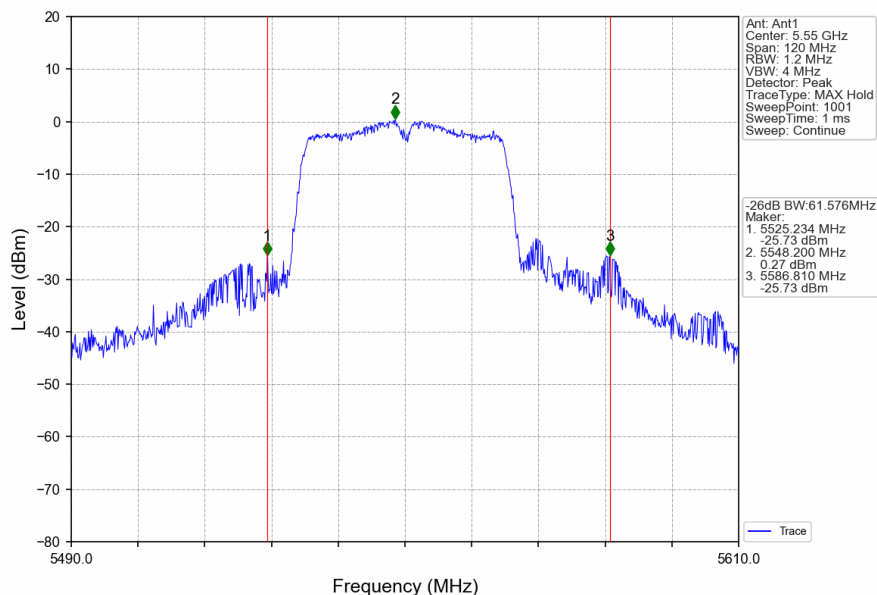
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### 802.11n(HT40)\_LCH\_5510MHz\_Ant1\_NTNV



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

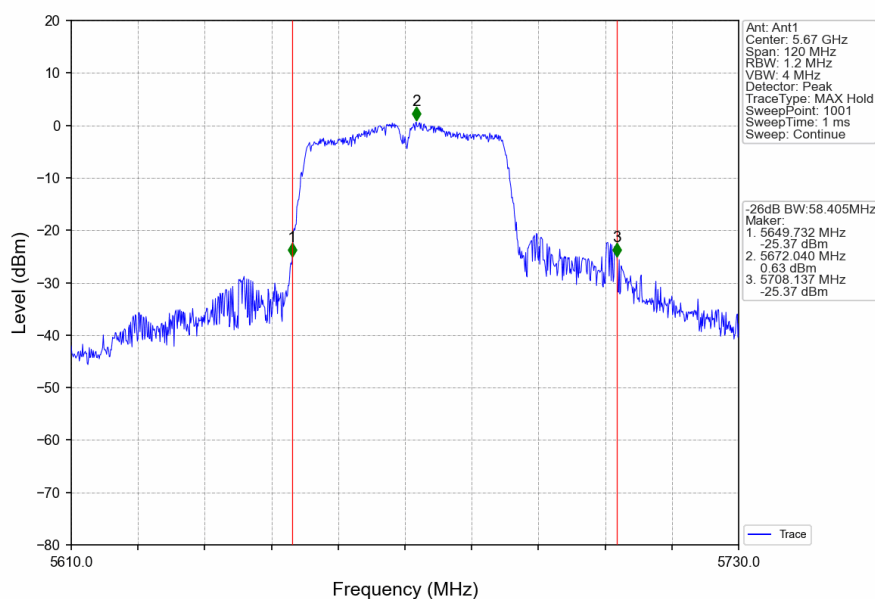


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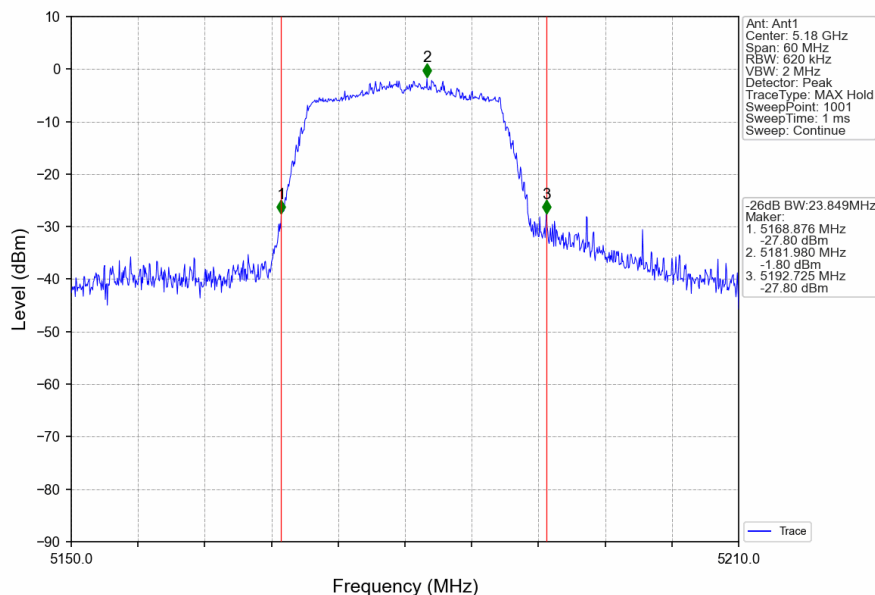
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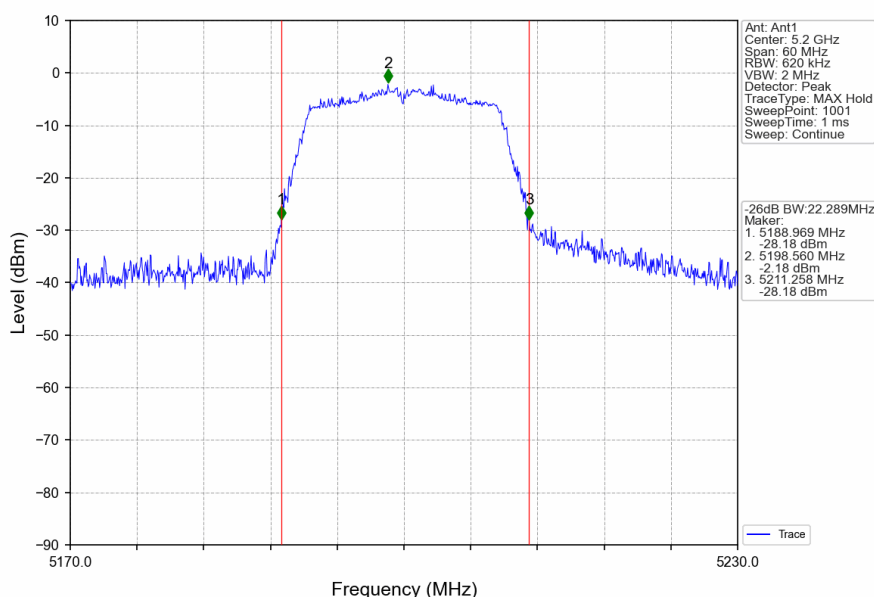
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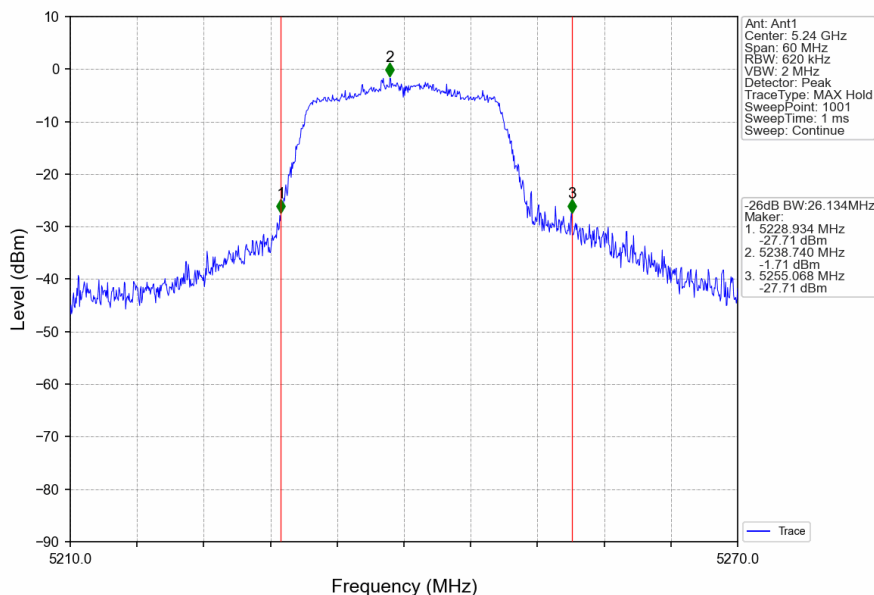
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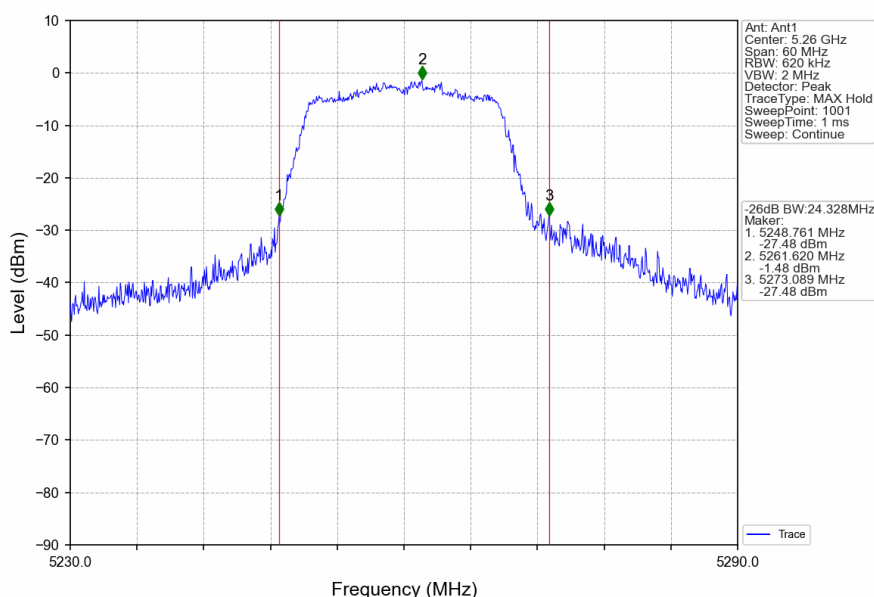
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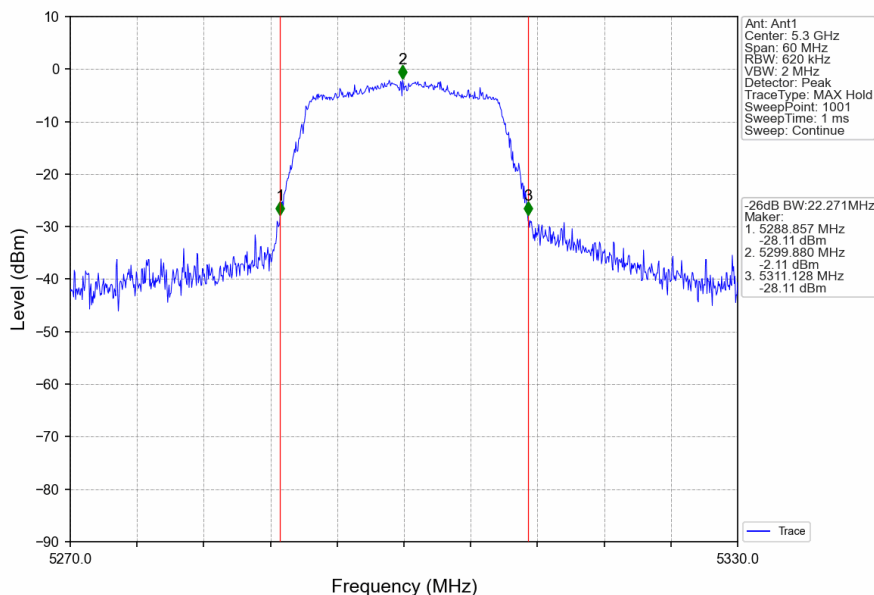
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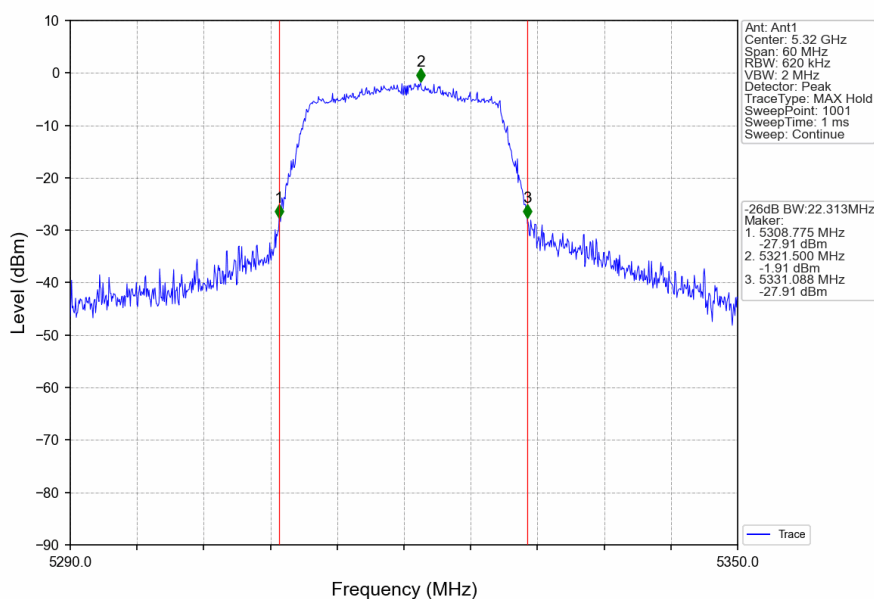
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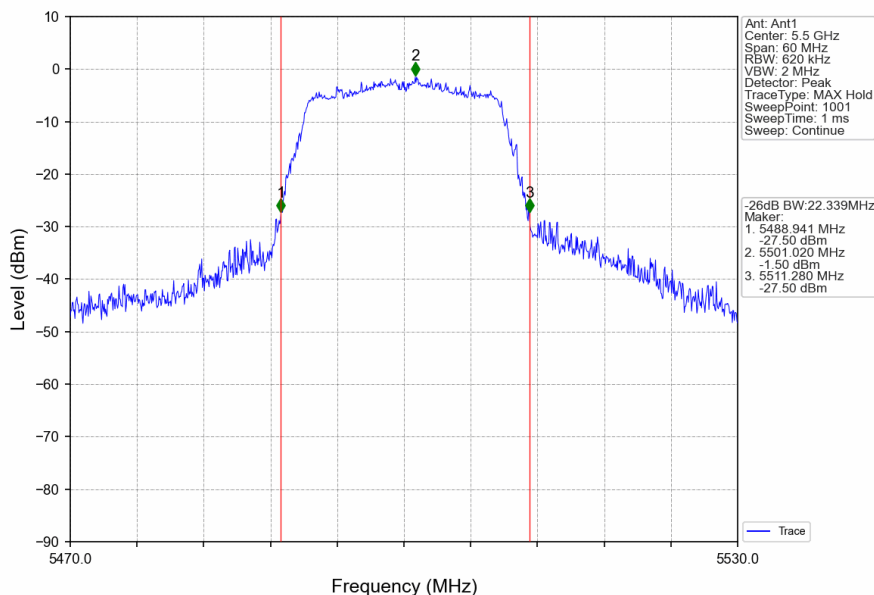
### 802.11ac(VHT20)\_MCH\_5300MHz\_Ant1\_NTNV



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



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

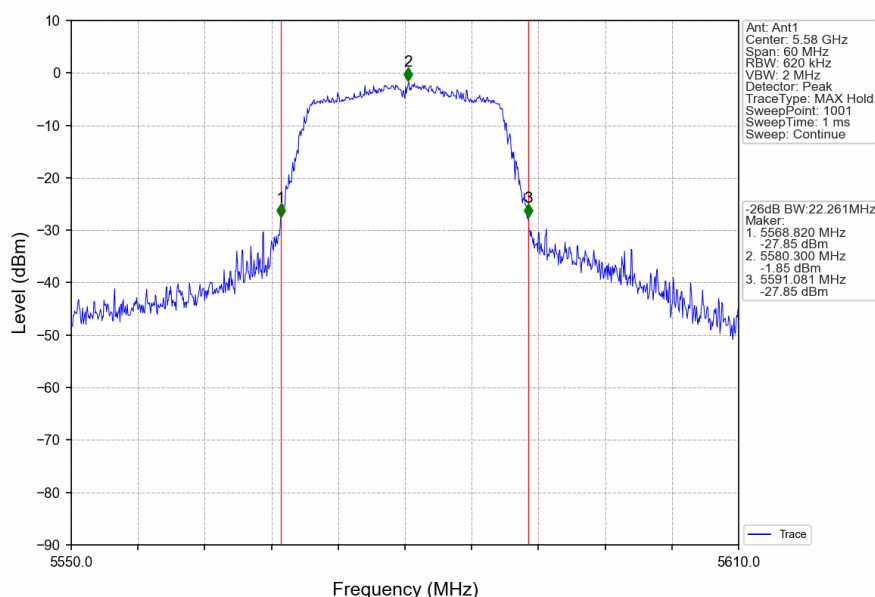


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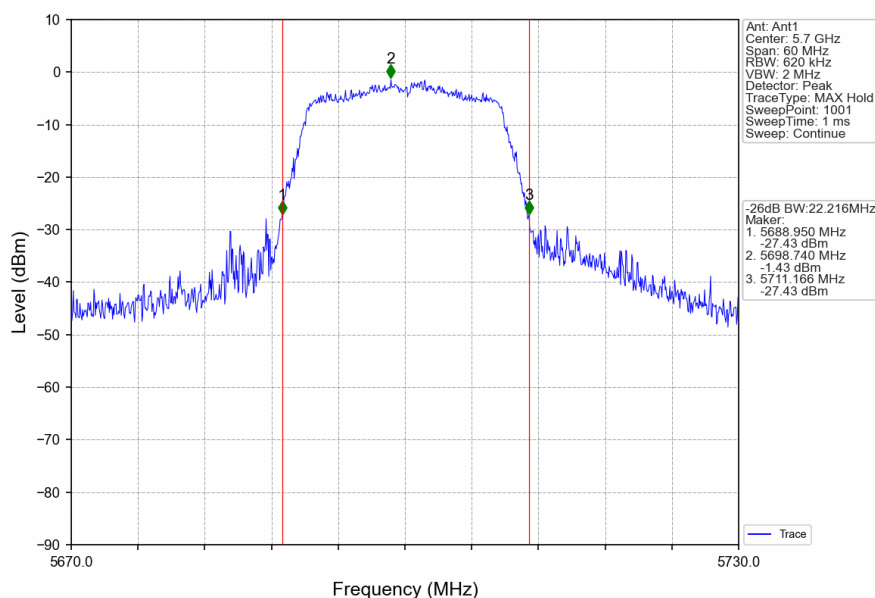
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### 802.11ac(VHT20)\_MCH\_5580MHz\_Ant1\_NTNV



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

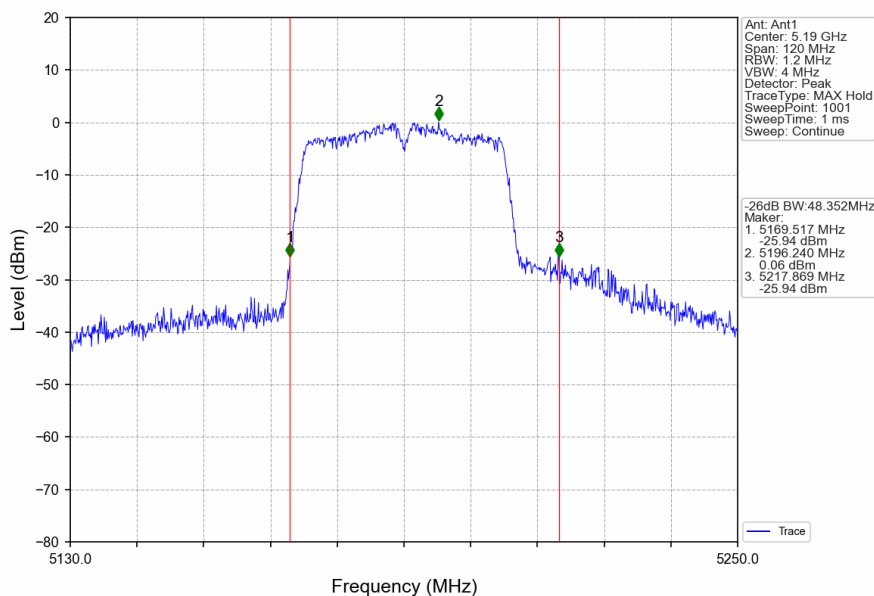


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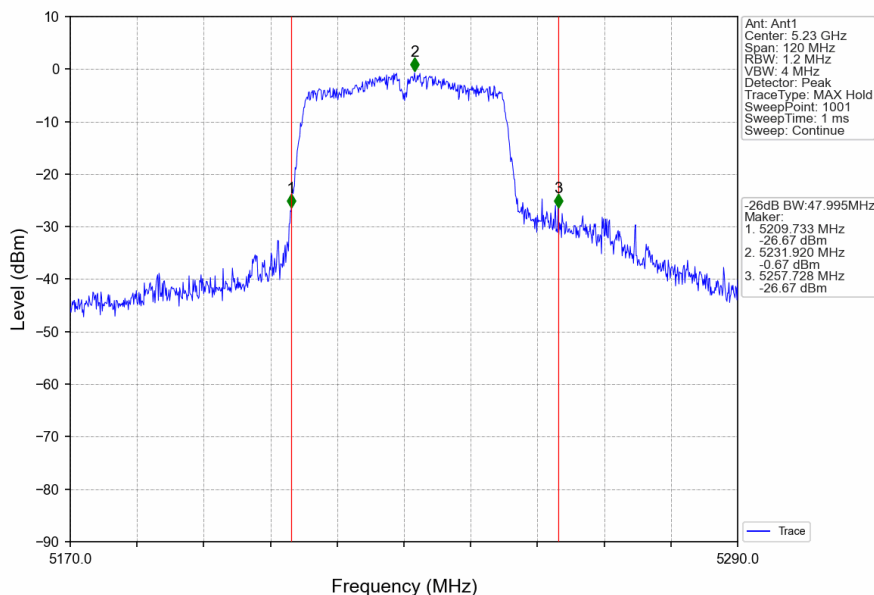
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### 802.11ac(VHT40)\_LCH\_5190MHz\_Ant1\_NTNV



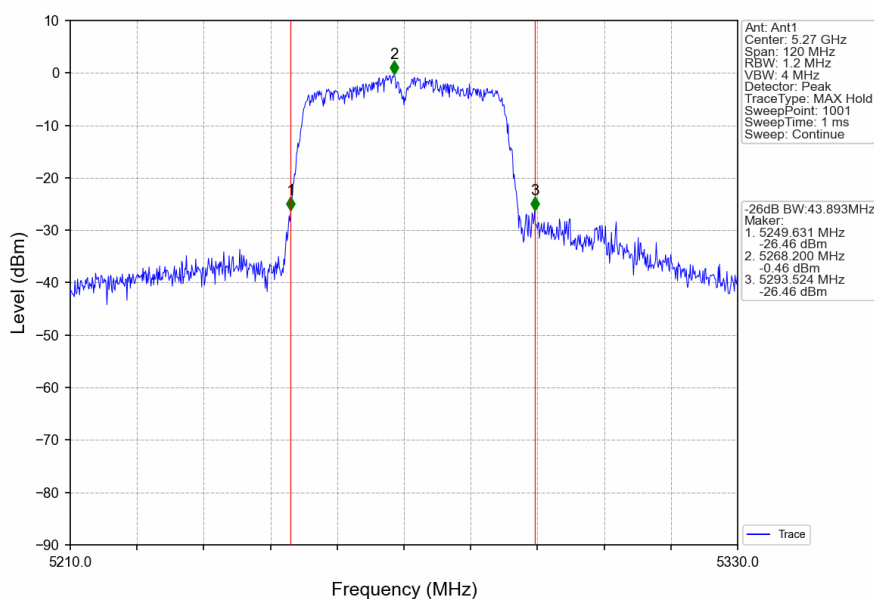
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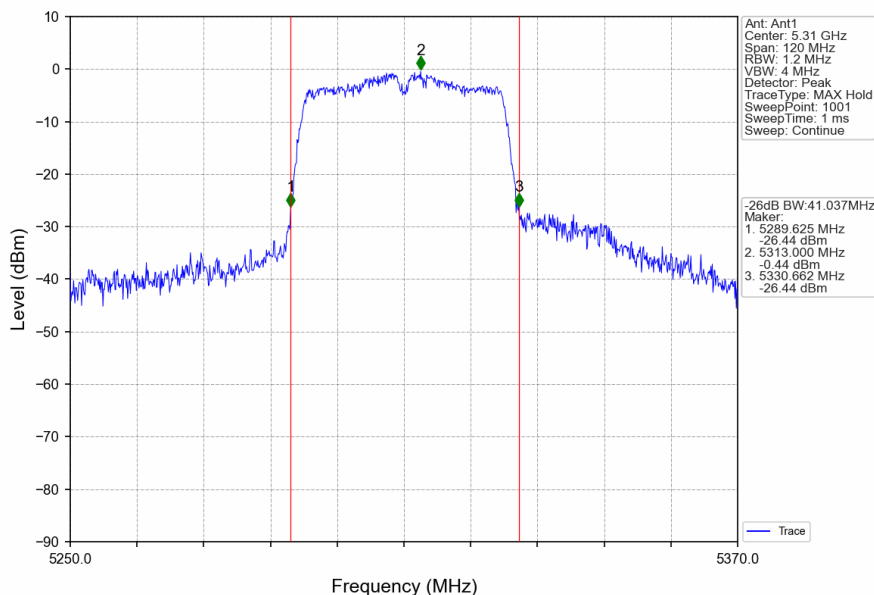
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### 802.11ac(VHT40)\_LCH\_5270MHz\_Ant1\_NTNV



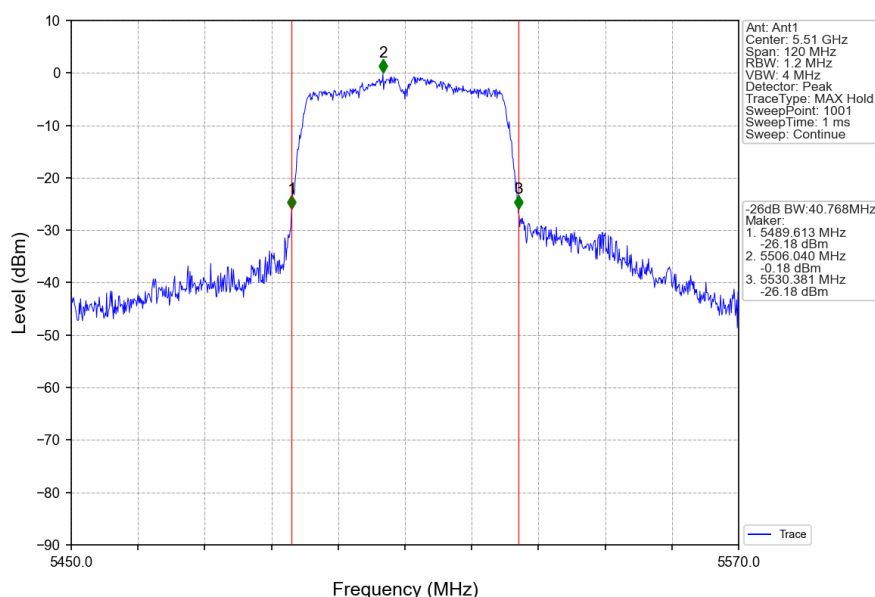
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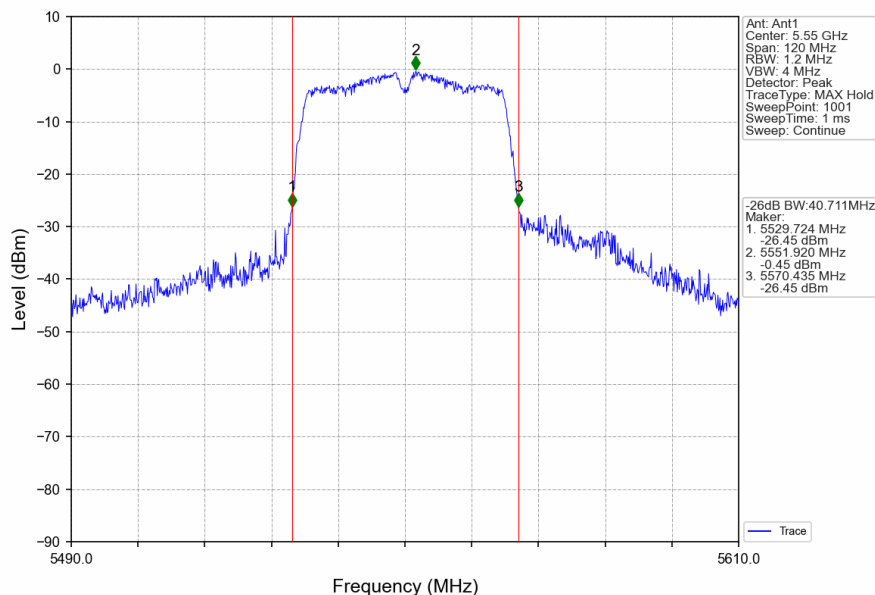
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### 802.11ac(VHT40)\_LCH\_5510MHz\_Ant1\_NTNV



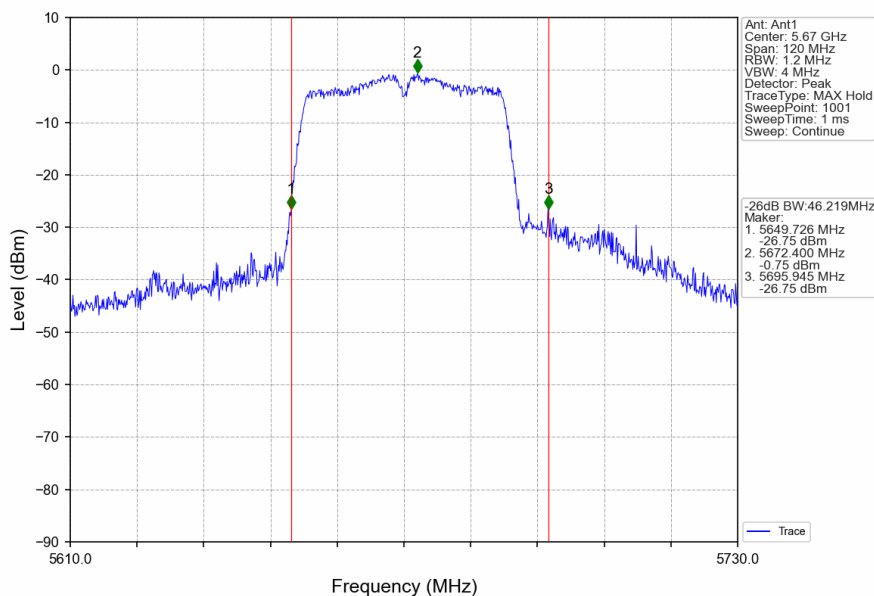
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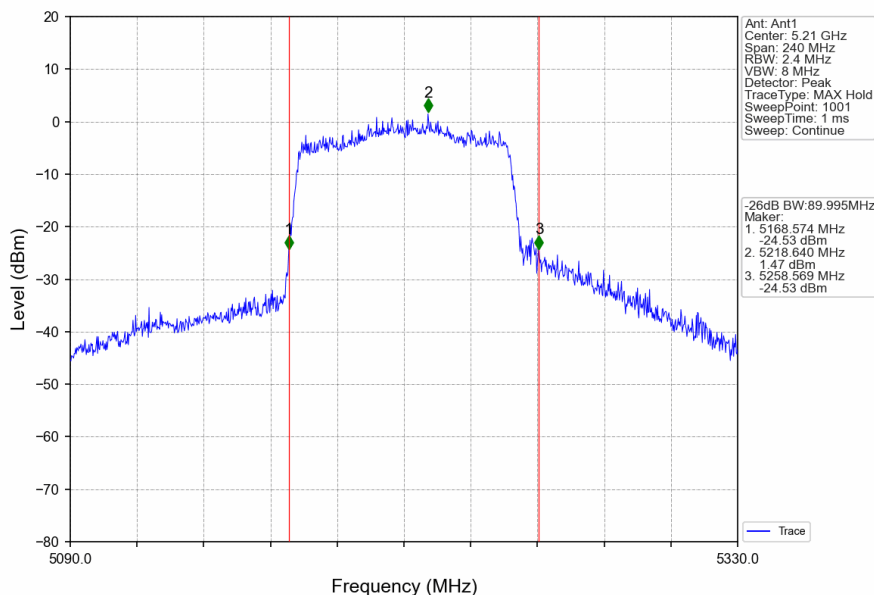
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### 802.11ac(VHT40)\_HCH\_5670MHz\_Ant1\_NTNV



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

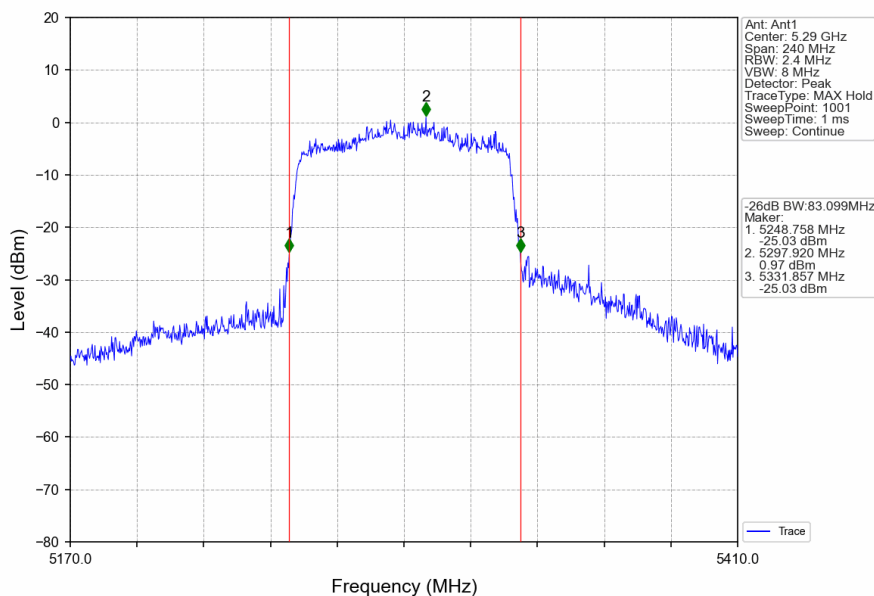


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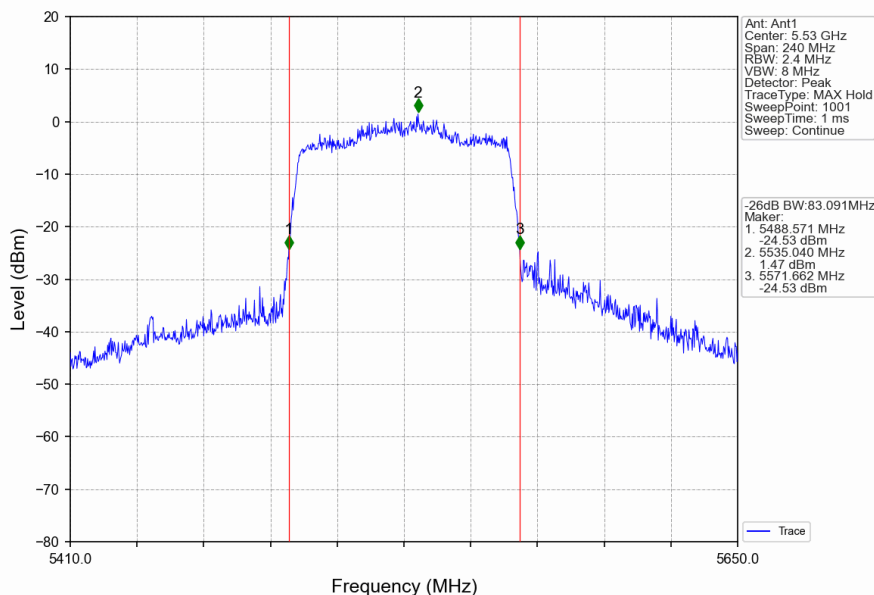
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### 802.11ac(VHT80)\_MCH\_5290MHz\_Ant1\_NTNV

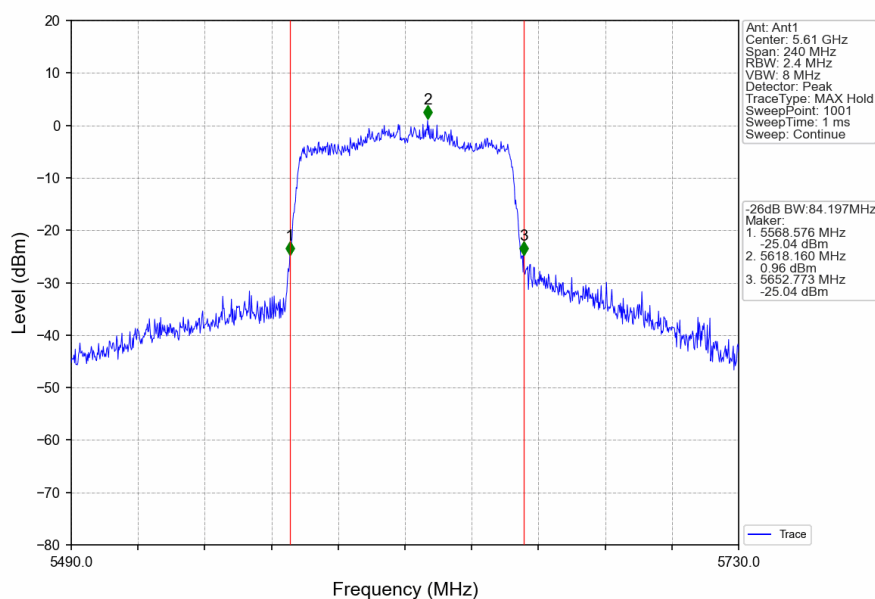


### 802.11ac(VHT80)\_LCH\_5530MHz\_Ant1\_NTNV





### 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	Limit	
802.11a	SISO	5180	4.64	<=23.98	Pass
		5200	3.94	<=23.98	Pass
		5240	2.65	<=23.98	Pass
		5260	2.19	<=23.98	Pass
		5300	1.27	<=23.98	Pass
		5320	1.45	<=23.98	Pass
		5500	3.87	<=23.98	Pass
		5580	4.59	<=23.98	Pass
		5700	5.01	<=23.98	Pass
		5745	6.32	<=30	Pass
		5785	6.43	<=30	Pass
		5825	5.97	<=30	Pass
802.11n (HT20)	SISO	5180	4.33	<=23.98	Pass
		5200	3.29	<=23.98	Pass
		5240	2.47	<=23.98	Pass
		5260	1.74	<=23.98	Pass
		5300	0.97	<=23.98	Pass
		5320	0.99	<=23.98	Pass
		5500	3.51	<=23.98	Pass
		5580	4.39	<=23.98	Pass
		5700	4.64	<=23.98	Pass
		5745	5.97	<=30	Pass
		5785	6.12	<=30	Pass
		5825	5.53	<=30	Pass
802.11n (HT40)	SISO	5190	3.90	<=23.98	Pass
		5230	2.31	<=23.98	Pass
		5270	1.60	<=23.98	Pass
		5310	0.96	<=23.98	Pass
		5510	3.94	<=23.98	Pass
		5550	4.25	<=23.98	Pass
		5670	4.54	<=23.98	Pass
		5755	4.78	<=30	Pass
		5795	4.45	<=30	Pass

## SGS-CSTC Standards Technical Services Co., Ltd. Guangzhou Branch

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802.11ac (VHT20)	SISO	5180	3.25	<=23.98	Pass
		5200	2.96	<=23.98	Pass
		5240	3.11	<=23.98	Pass
		5260	3.87	<=23.98	Pass
		5300	3.65	<=23.98	Pass
		5320	3.53	<=23.98	Pass
		5500	3.43	<=23.98	Pass
		5580	3.64	<=23.98	Pass
		5700	3.63	<=23.98	Pass
		5745	4.30	<=30	Pass
		5785	4.17	<=30	Pass
		5825	3.78	<=30	Pass
802.11ac (VHT40)	SISO	5190	3.86	<=23.98	Pass
		5230	3.37	<=23.98	Pass
		5270	3.67	<=23.98	Pass
		5310	3.44	<=23.98	Pass
		5510	3.37	<=23.98	Pass
		5550	3.60	<=23.98	Pass
		5670	3.30	<=23.98	Pass
		5755	3.84	<=30	Pass
		5795	3.81	<=30	Pass
802.11ac (VHT80)	SISO	5210	3.40	<=23.98	Pass
		5290	3.25	<=23.98	Pass
		5530	3.44	<=23.98	Pass
		5610	3.07	<=23.98	Pass
		5775	4.07	<=30	Pass

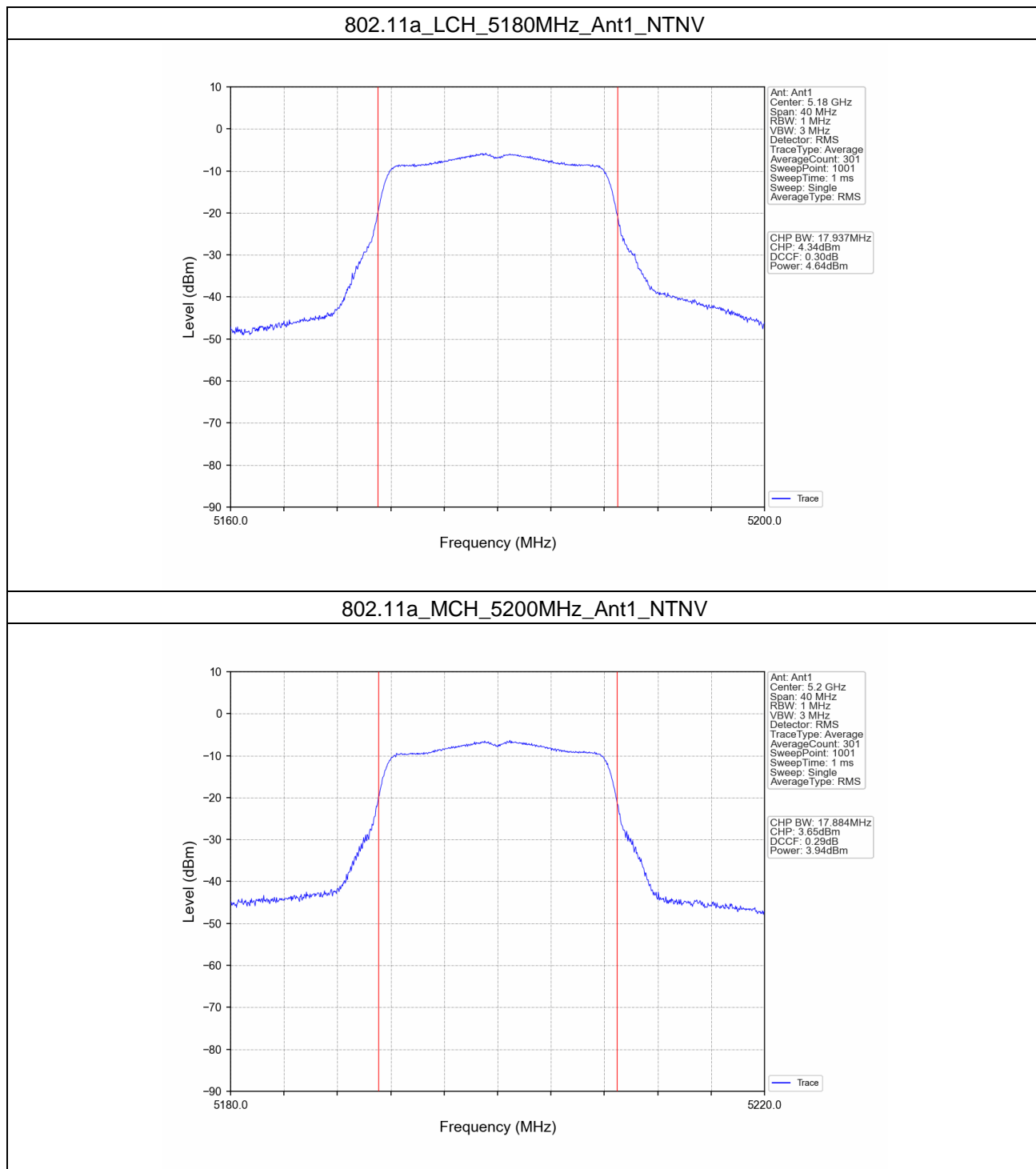
Note1: Antenna Gain: 2dBi;



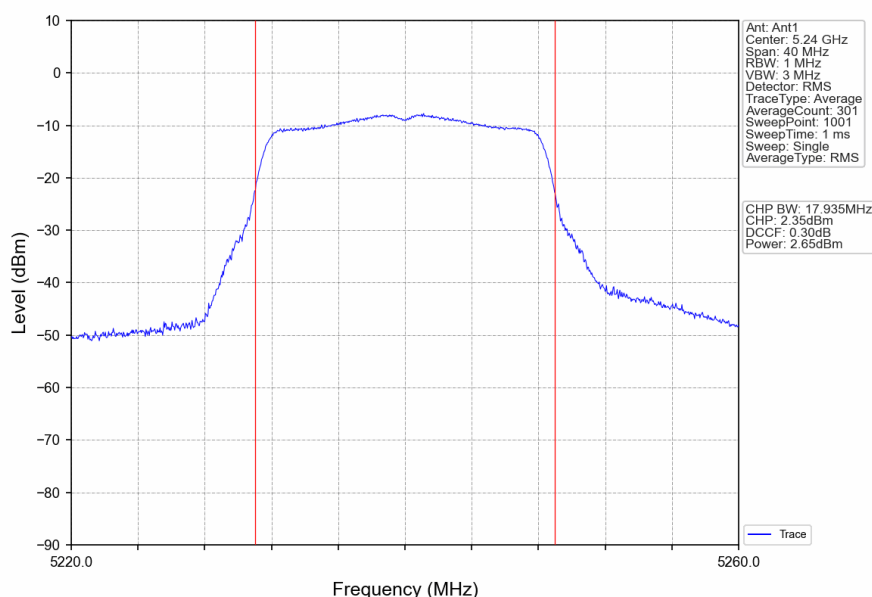
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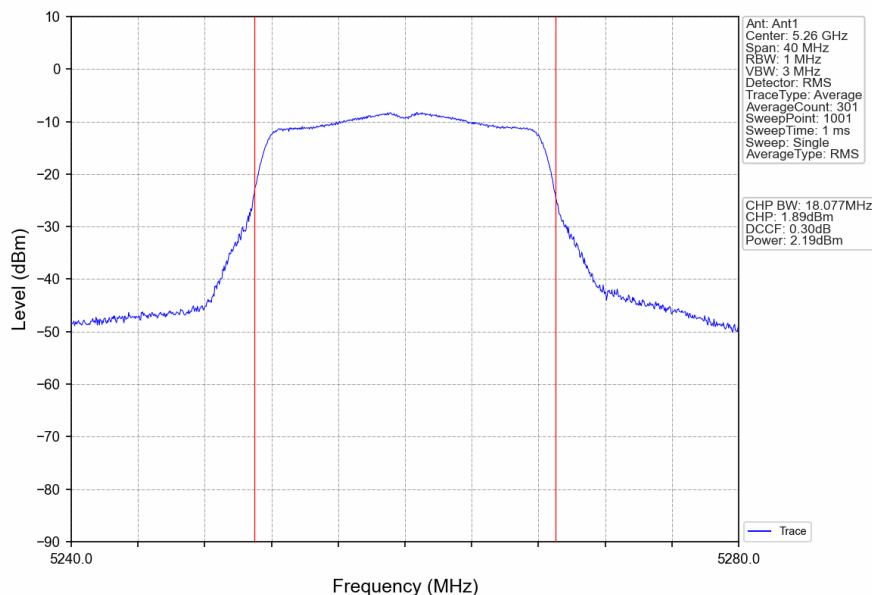
### 3.1.2 Test Graph



802.11a\_HCH\_5240MHz\_Ant1\_NTNV



802.11a\_LCH\_5260MHz\_Ant1\_NTNV

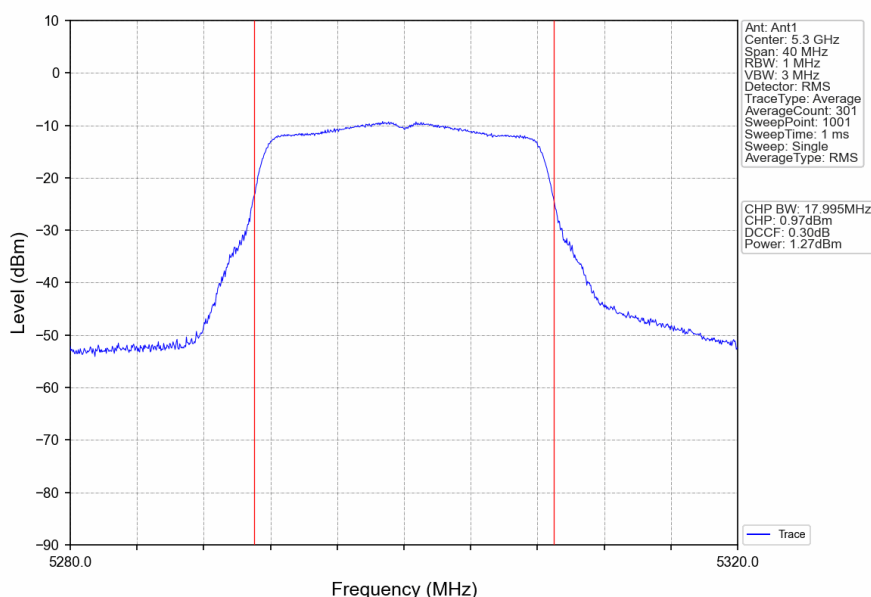


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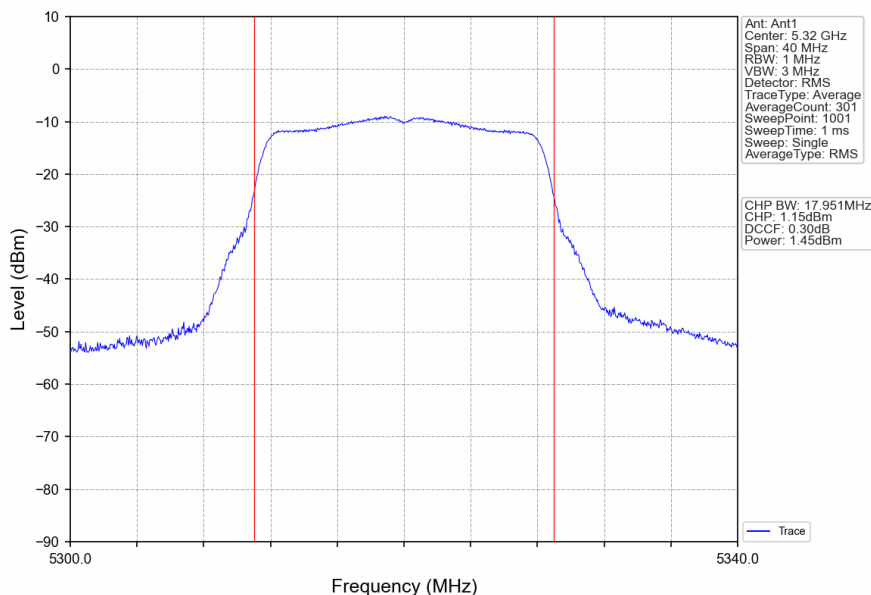
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802.11a\_MCH\_5300MHz\_Ant1\_NTNV



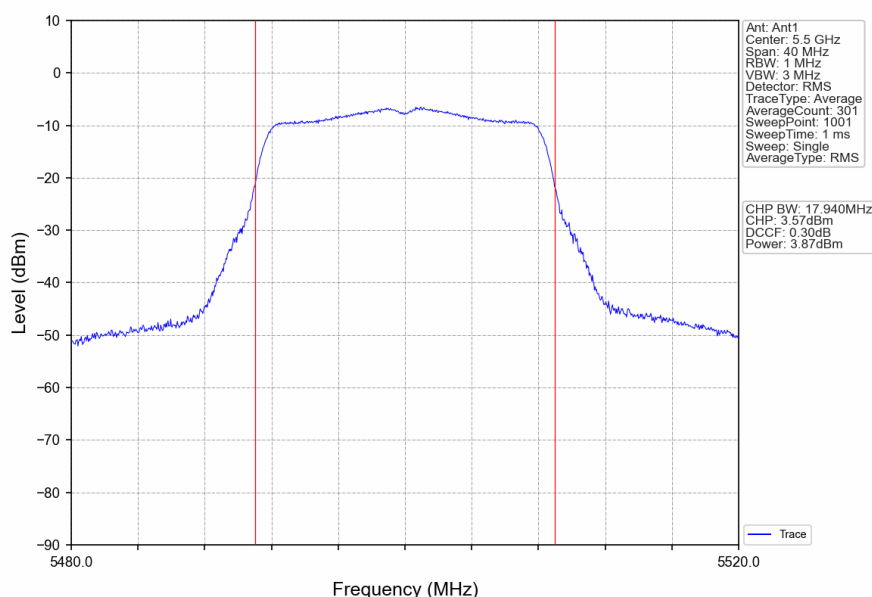
802.11a\_HCH\_5320MHz\_Ant1\_NTNV



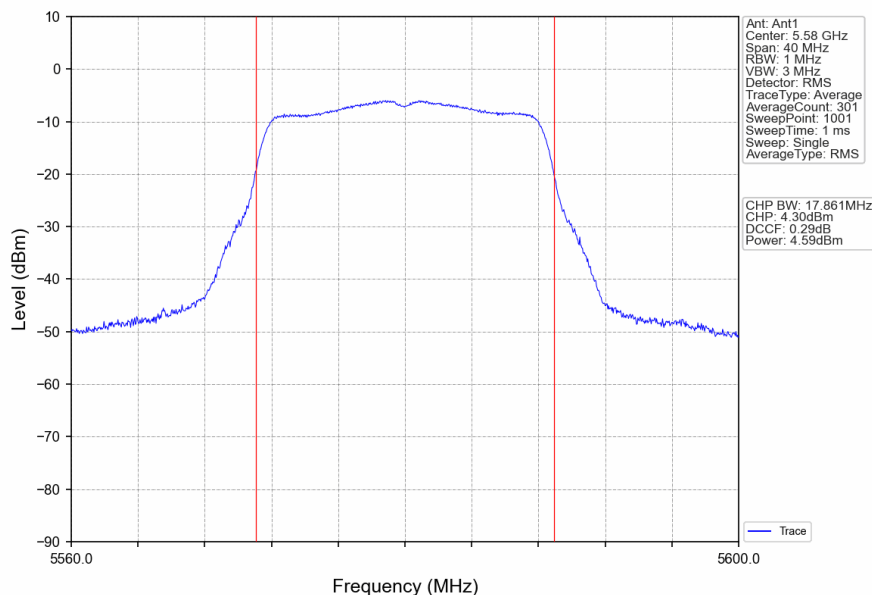
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802.11a\_LCH\_5500MHz\_Ant1\_NTNV



802.11a\_MCH\_5580MHz\_Ant1\_NTNV



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