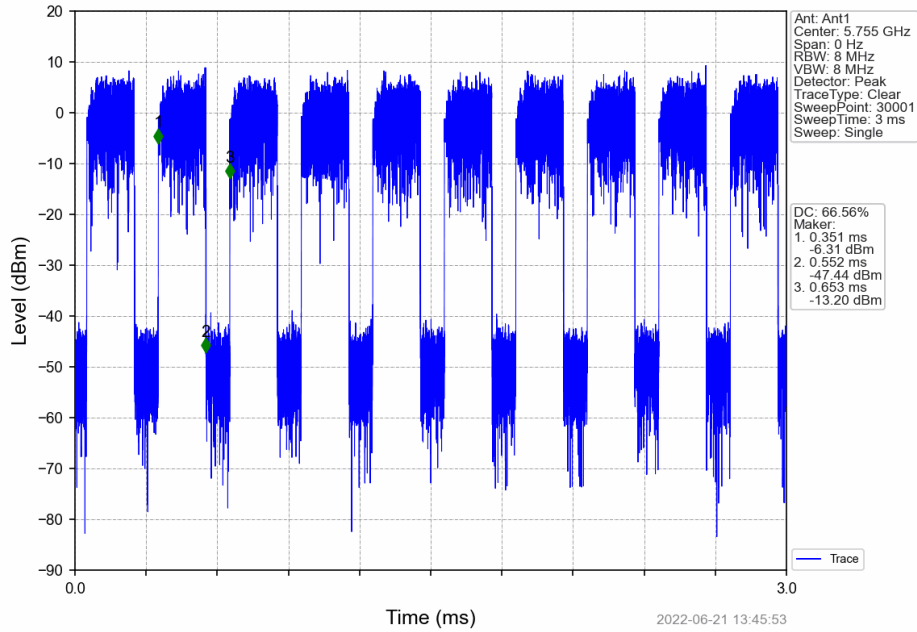
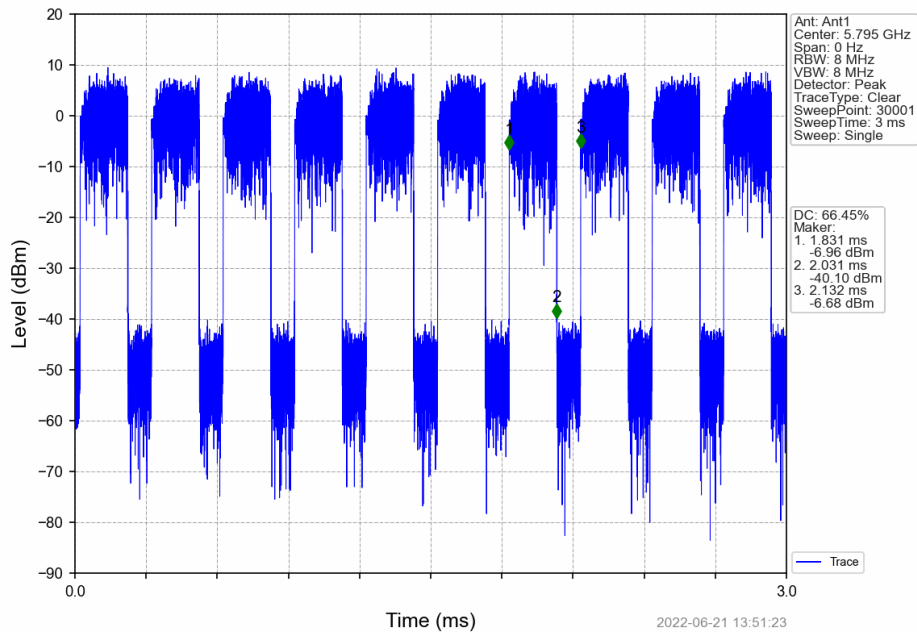


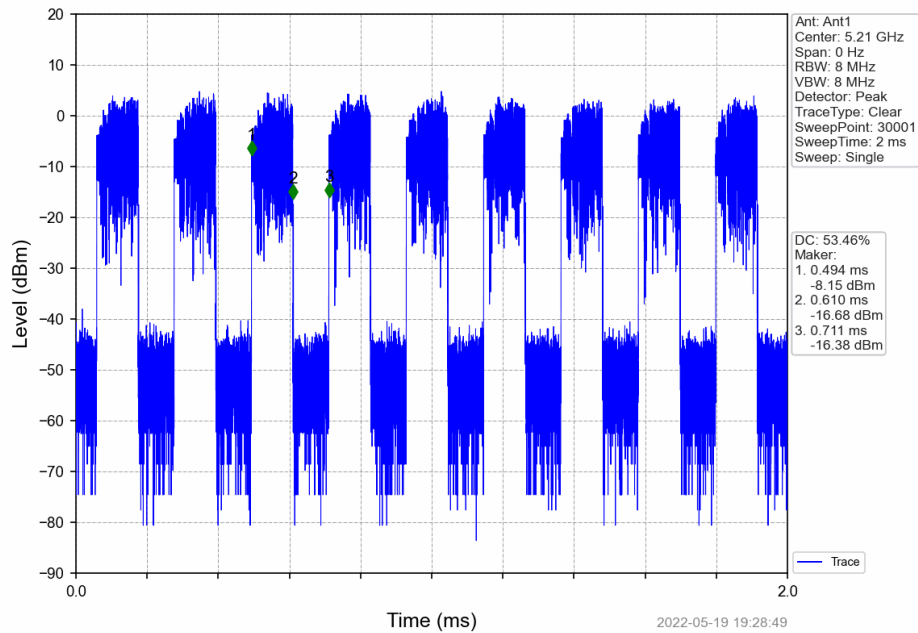
### 802.11ac(VHT40)\_LCH\_5755MHz\_Ant1\_NTNV



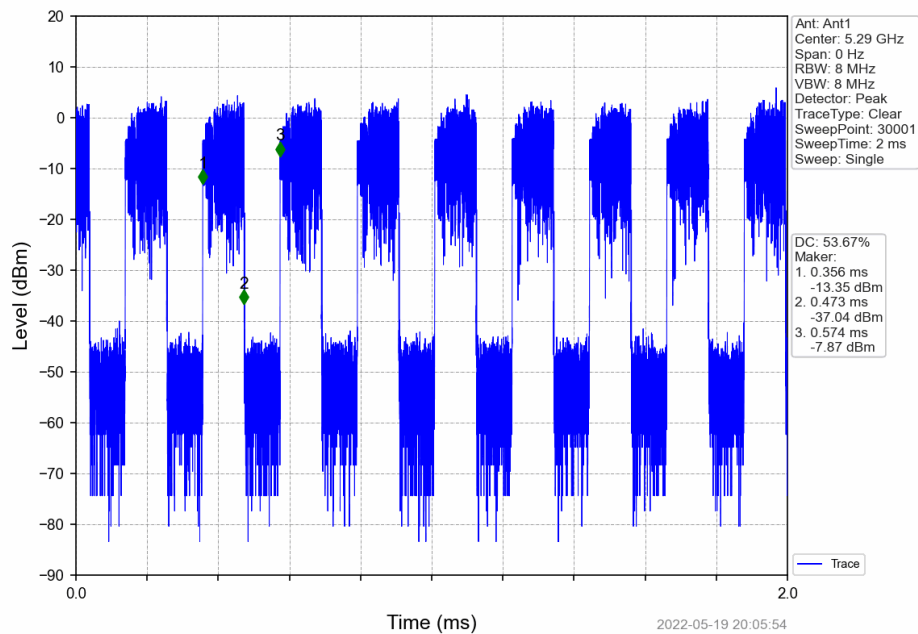
### 802.11ac(VHT40)\_HCH\_5795MHz\_Ant1\_NTNV



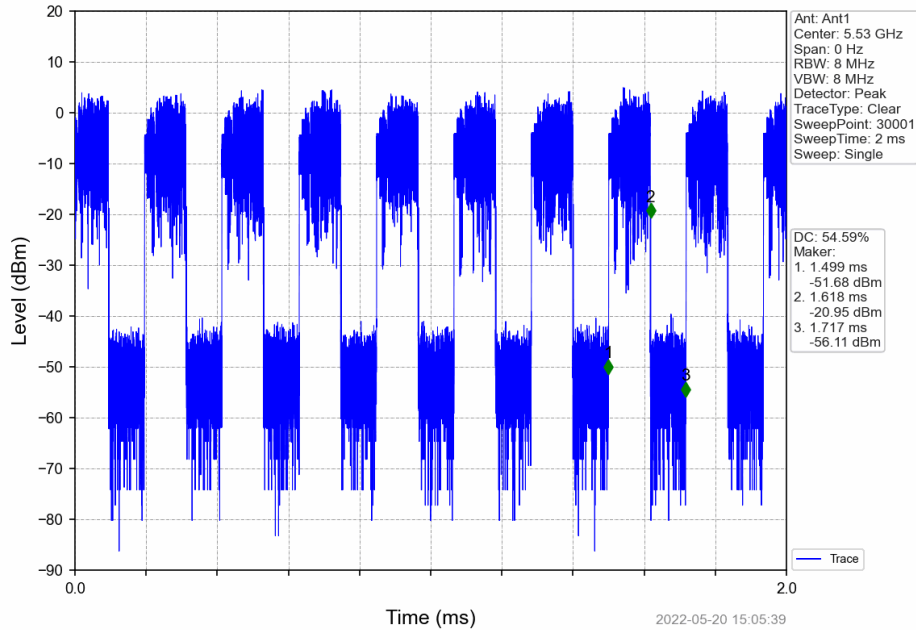
802.11ac(VHT80)\_MCH\_5210MHz\_Ant1\_NTNV



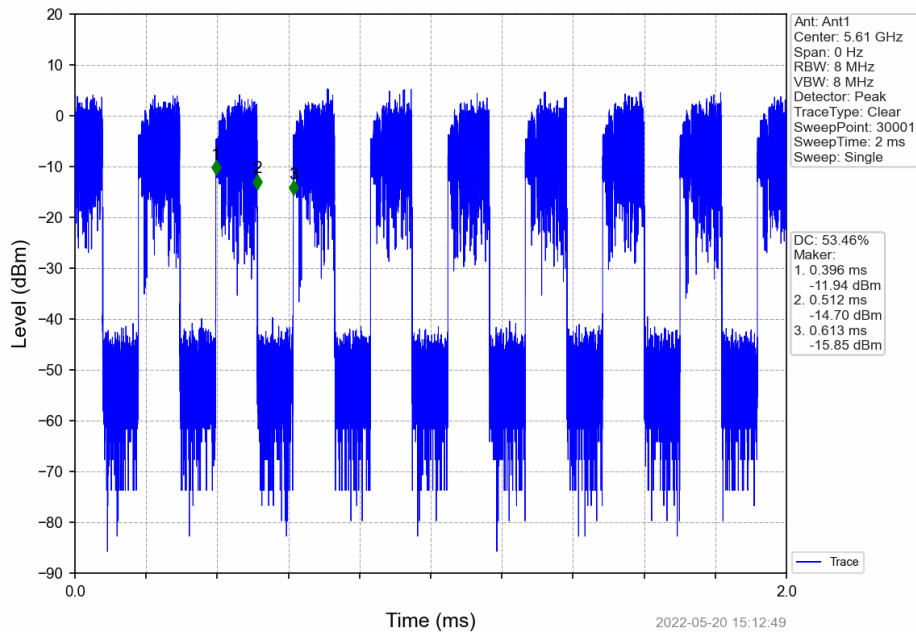
802.11ac(VHT80)\_MCH\_5290MHz\_Ant1\_NTNV



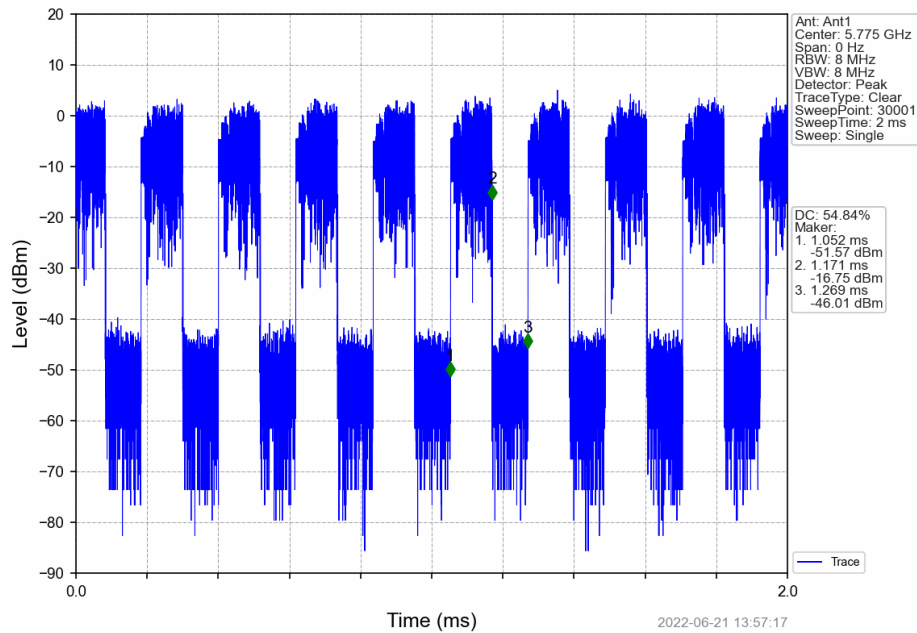
### 802.11ac(VHT80)\_LCH\_5530MHz\_Ant1\_NTNV



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



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



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## 2. Bandwidth

## 2.1 OBW

## 2.1.1 Test Result

Mode	TX Type	Frequency (MHz)	ANT	99% Occupied Bandwidth (MHz)	Verdict
				Result	
802.11a	SISO	5180	1	17.629	Pass
		5200	1	17.698	Pass
		5240	1	17.700	Pass
		5260	1	17.673	Pass
		5300	1	17.727	Pass
		5320	1	17.775	Pass
		5500	1	17.726	Pass
		5580	1	17.701	Pass
		5700	1	17.673	Pass
		5745	1	17.741	Pass
		5785	1	17.727	Pass
		5825	1	17.695	Pass
802.11n (HT20)	SISO	5180	1	18.372	Pass
		5200	1	18.237	Pass
		5240	1	18.243	Pass
		5260	1	18.388	Pass
		5300	1	18.211	Pass
		5320	1	18.299	Pass
		5500	1	18.313	Pass
		5580	1	18.307	Pass
		5700	1	18.251	Pass
		5745	1	18.259	Pass
		5785	1	18.332	Pass
		5825	1	18.410	Pass
802.11n (HT40)	SISO	5190	1	36.626	Pass
		5230	1	36.611	Pass
		5270	1	36.662	Pass
		5310	1	36.598	Pass
		5510	1	36.630	Pass
		5550	1	36.584	Pass
		5670	1	36.635	Pass
		5755	1	36.622	Pass
		5795	1	36.604	Pass



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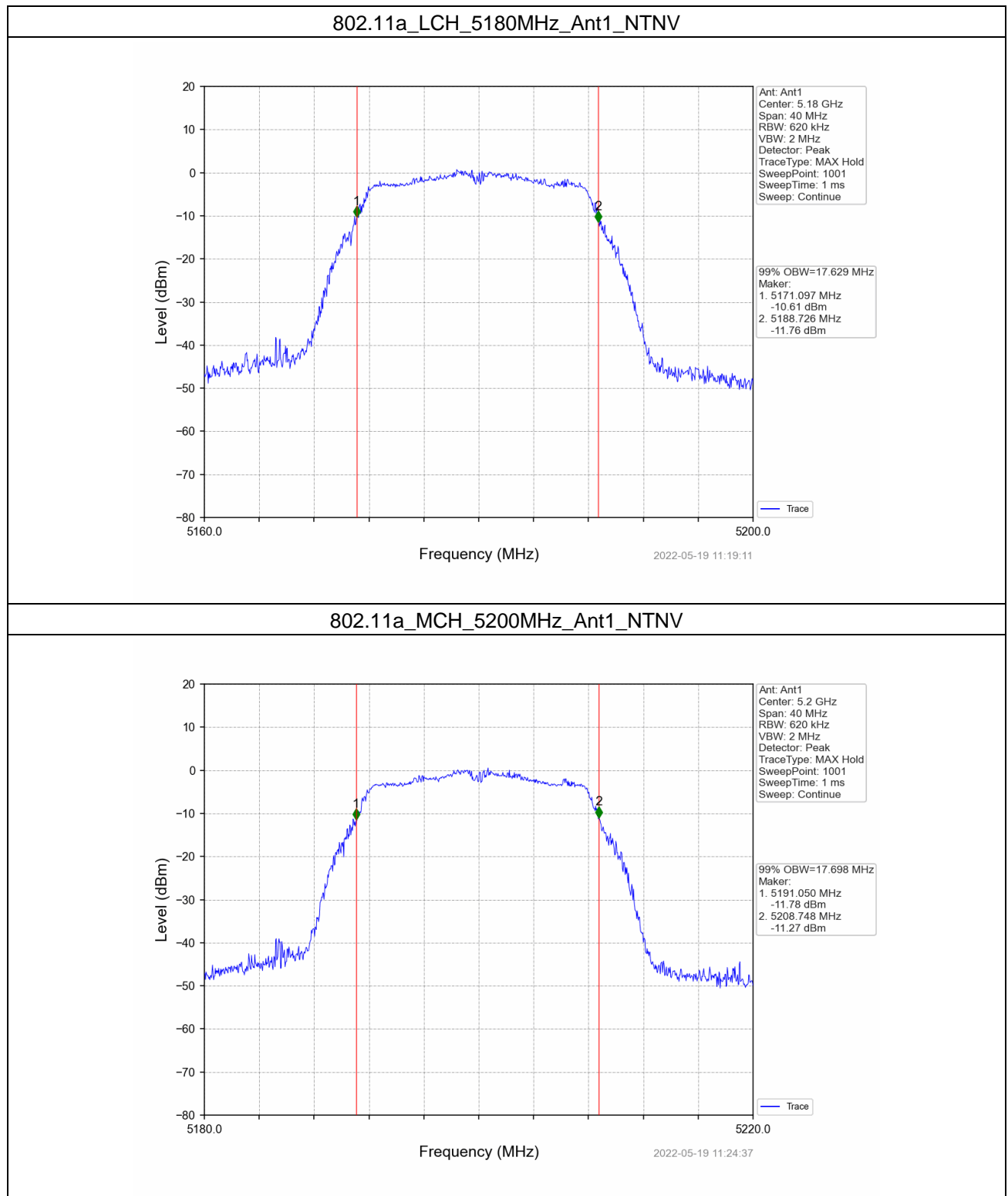
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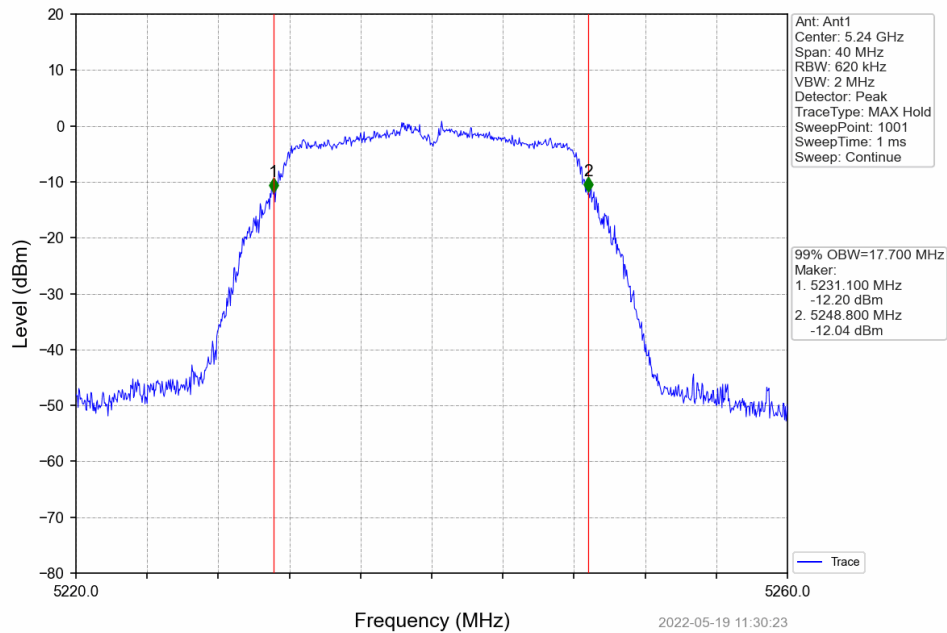
802.11ac (VHT20)	SISO	5180	1	18.363	Pass
		5200	1	18.214	Pass
		5240	1	18.275	Pass
		5260	1	18.339	Pass
		5300	1	18.228	Pass
		5320	1	18.278	Pass
		5500	1	18.310	Pass
		5580	1	18.313	Pass
		5700	1	18.340	Pass
		5745	1	18.271	Pass
		5785	1	18.426	Pass
		5825	1	18.341	Pass
802.11ac (VHT40)	SISO	5190	1	36.651	Pass
		5230	1	36.556	Pass
		5270	1	36.628	Pass
		5310	1	36.563	Pass
		5510	1	36.585	Pass
		5550	1	36.571	Pass
		5670	1	36.521	Pass
		5755	1	36.647	Pass
		5795	1	36.650	Pass
802.11ac (VHT80)	SISO	5210	1	76.029	Pass
		5290	1	76.003	Pass
		5530	1	76.011	Pass
		5610	1	75.996	Pass
		5775	1	75.869	Pass



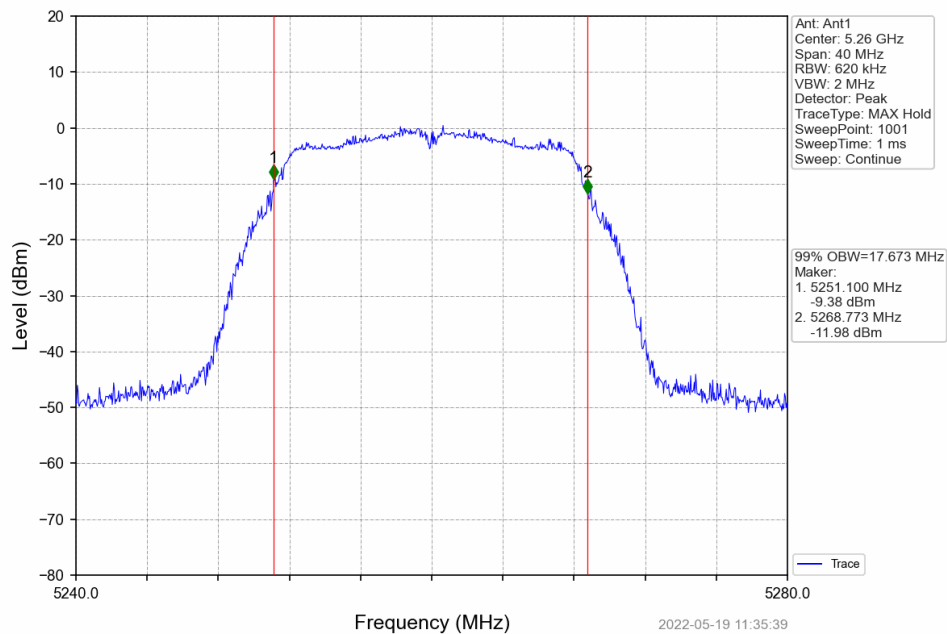
## 2.1.2 Test Graph



802.11a\_HCH\_5240MHz\_Ant1\_NTNV

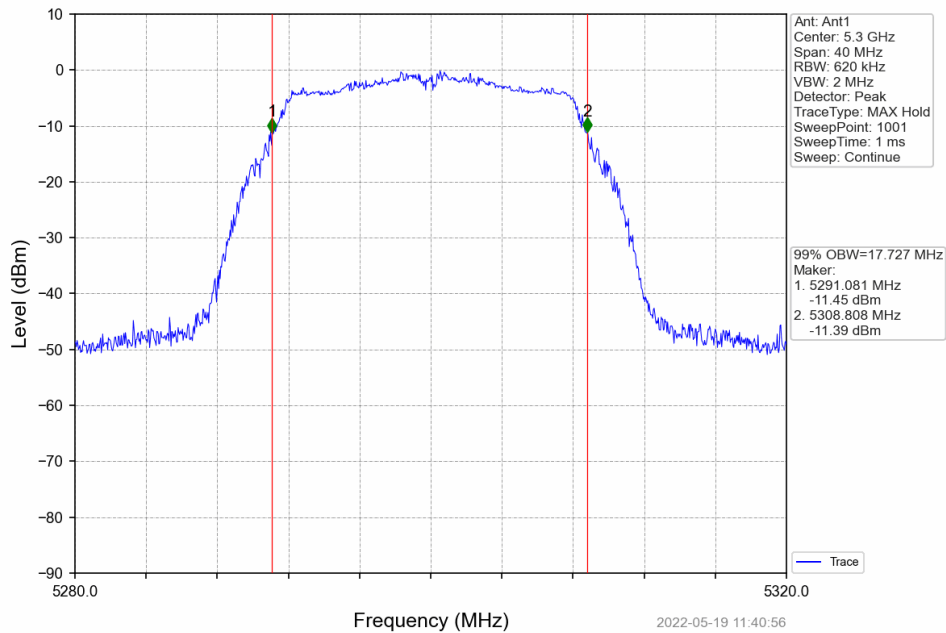


802.11a\_LCH\_5260MHz\_Ant1\_NTNV

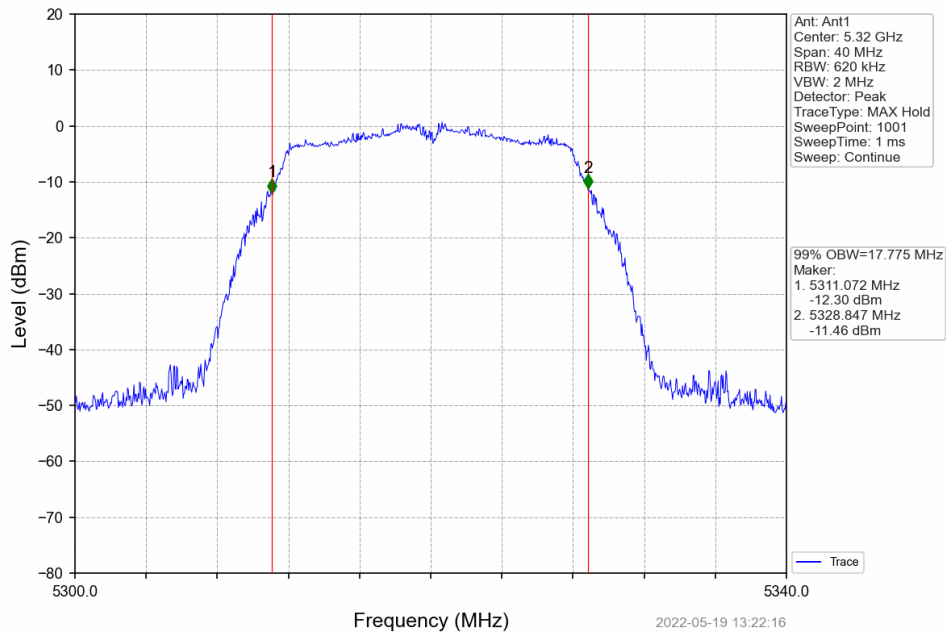




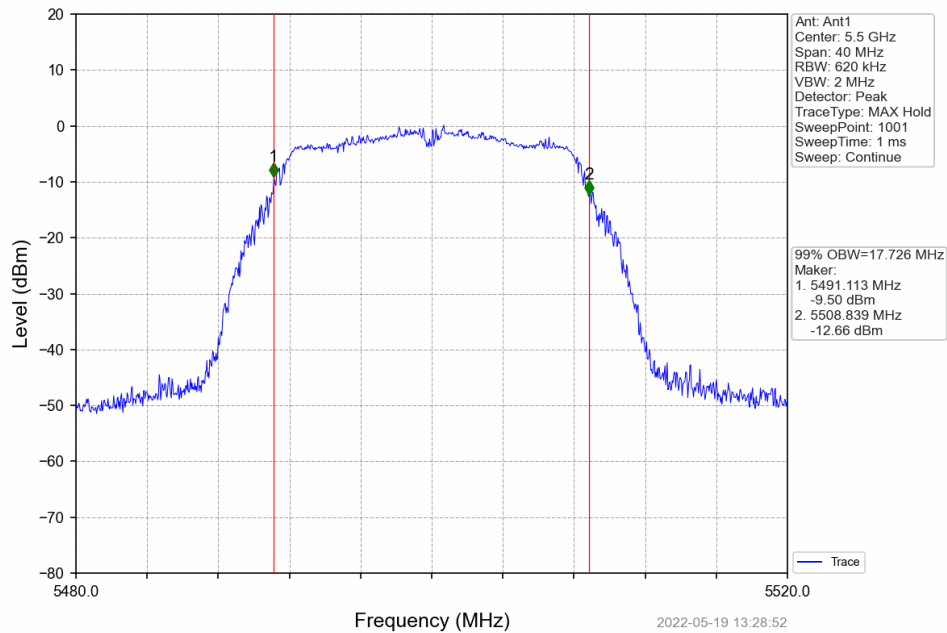
802.11a\_MCH\_5300MHz\_Ant1\_NTNV



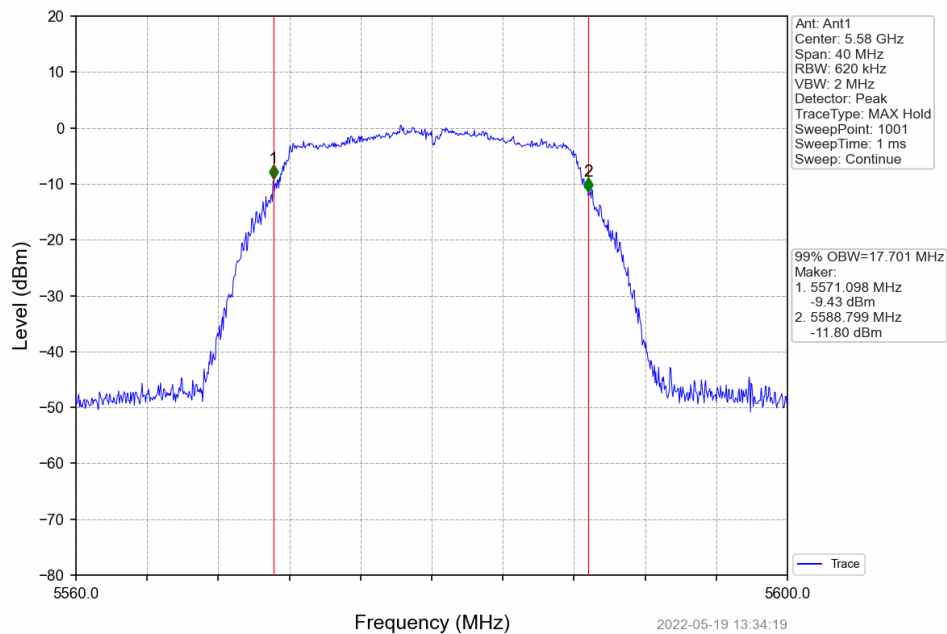
802.11a\_HCH\_5320MHz\_Ant1\_NTNV



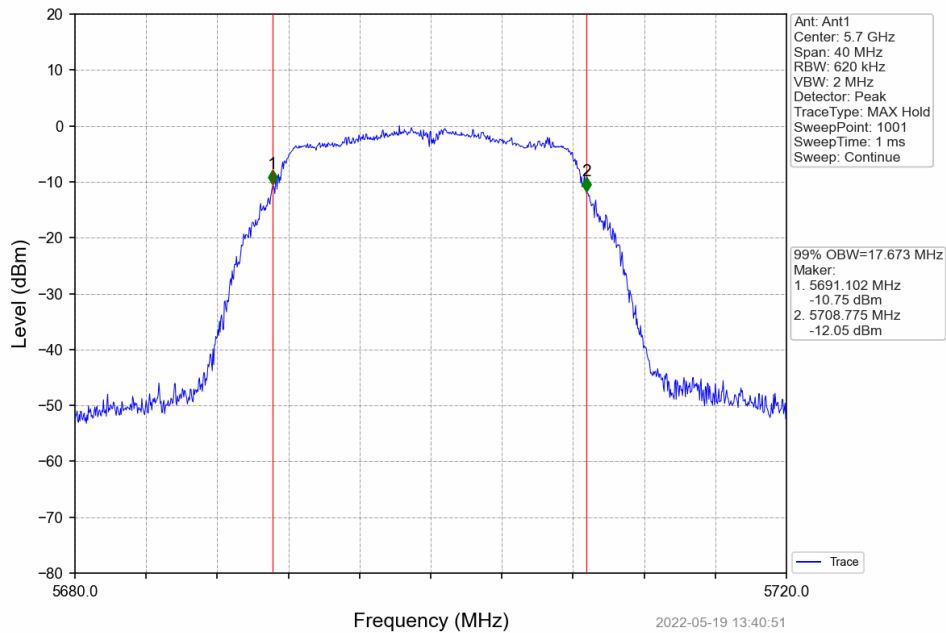
### 802.11a\_LCH\_5500MHz\_Ant1\_NTNV



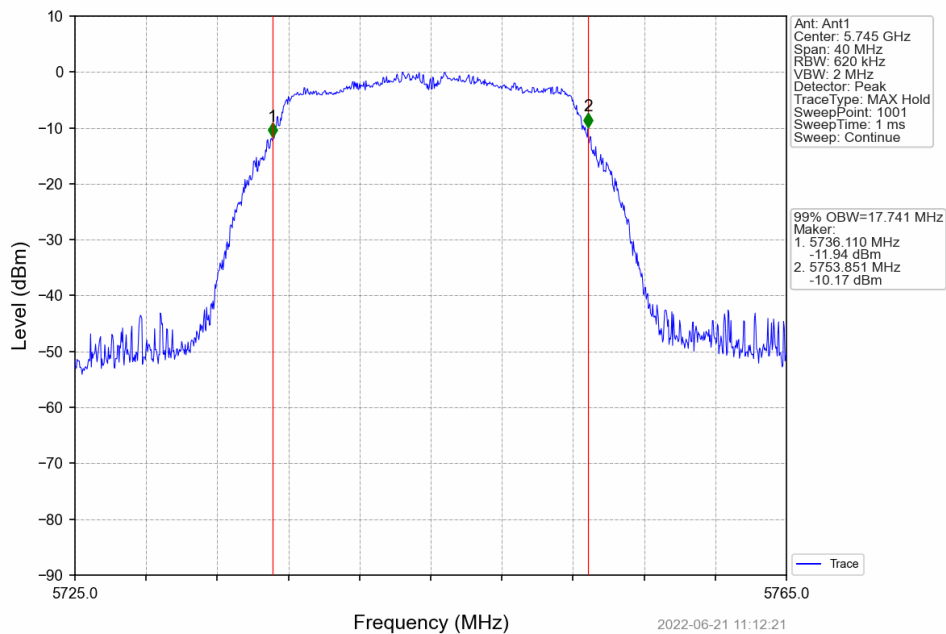
### 802.11a\_MCH\_5580MHz\_Ant1\_NTNV



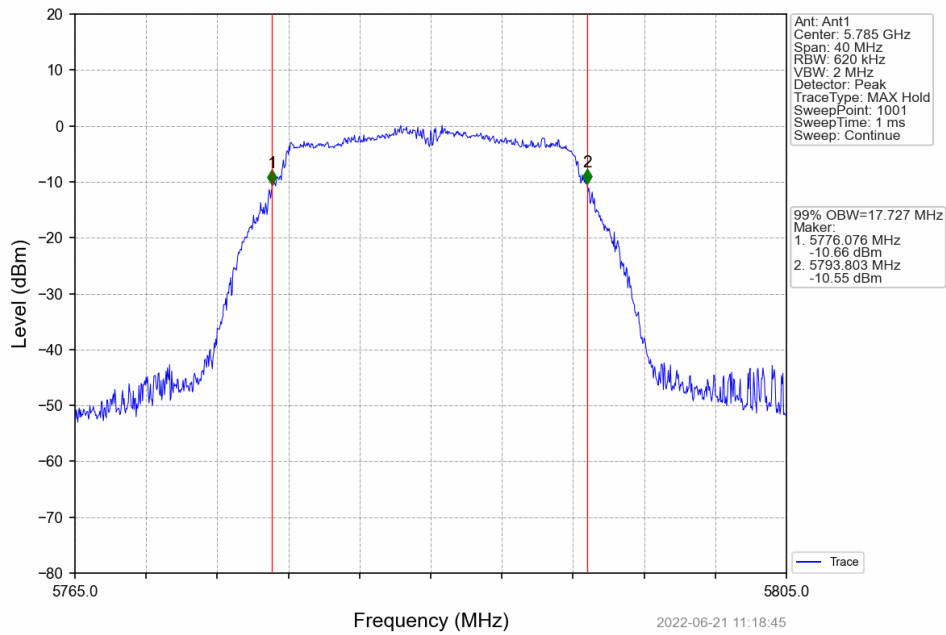
### 802.11a\_HCH\_5700MHz\_Ant1\_NTNV



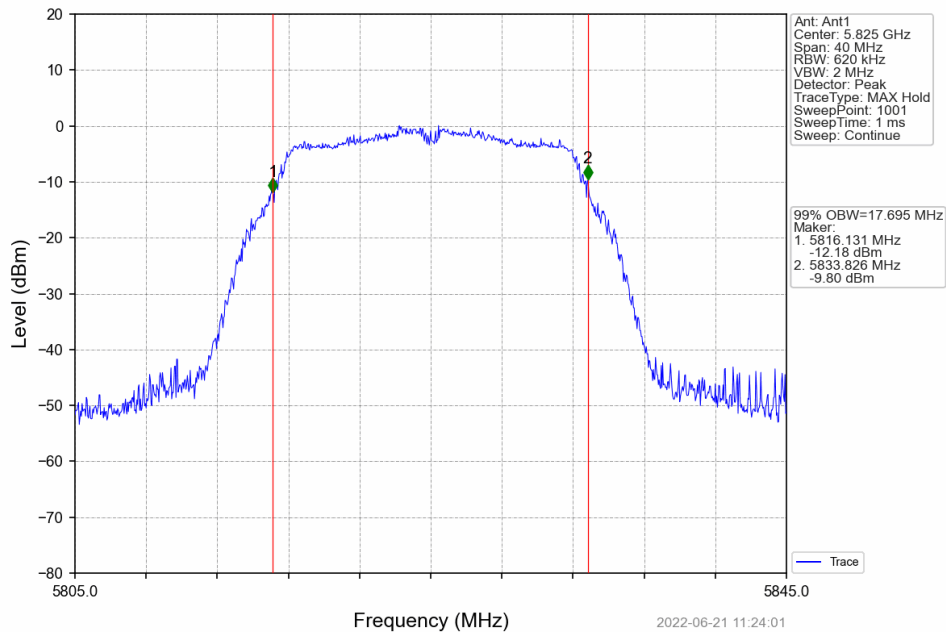
### 802.11a\_LCH\_5745MHz\_Ant1\_NTNV



### 802.11a\_MCH\_5785MHz\_Ant1\_NTNV

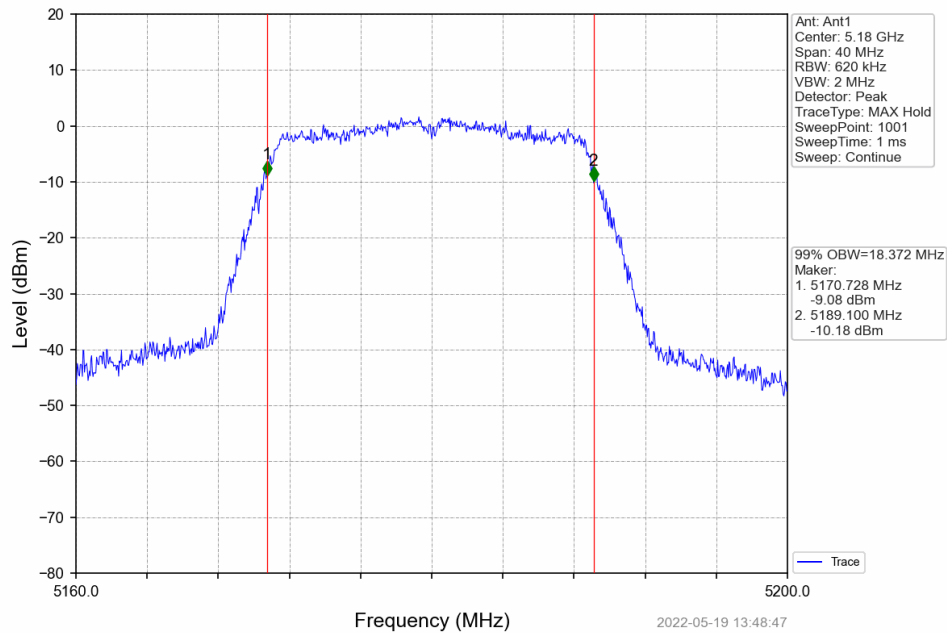


### 802.11a\_HCH\_5825MHz\_Ant1\_NTNV

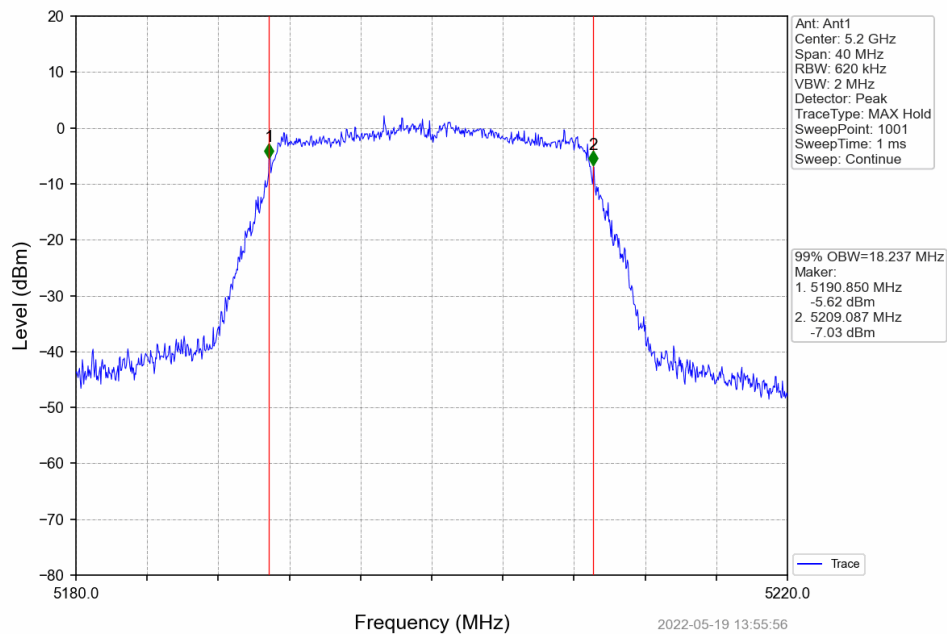




### 802.11n(HT20)\_LCH\_5180MHz\_Ant1\_NTNV

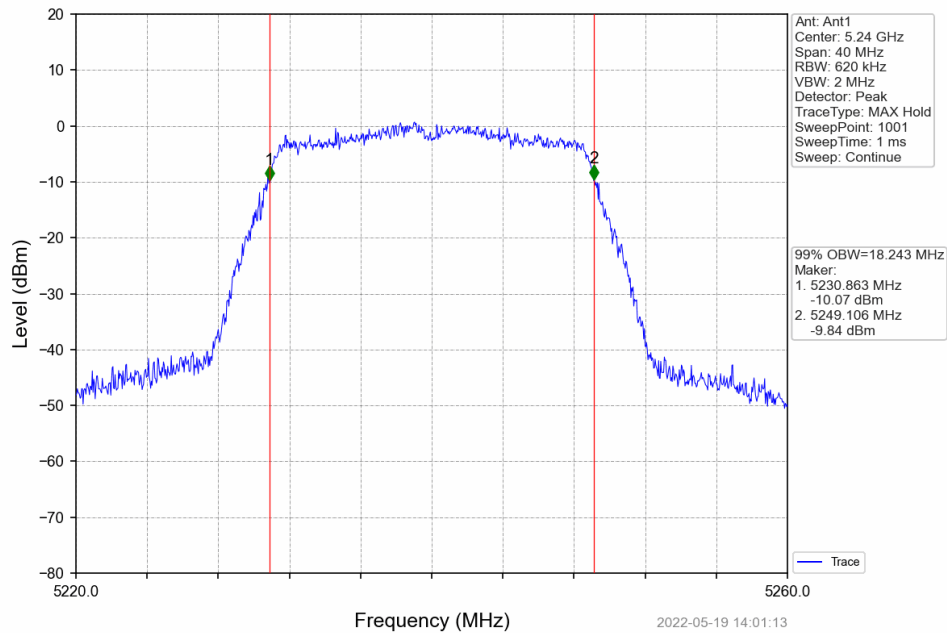


### 802.11n(HT20)\_MCH\_5200MHz\_Ant1\_NTNV

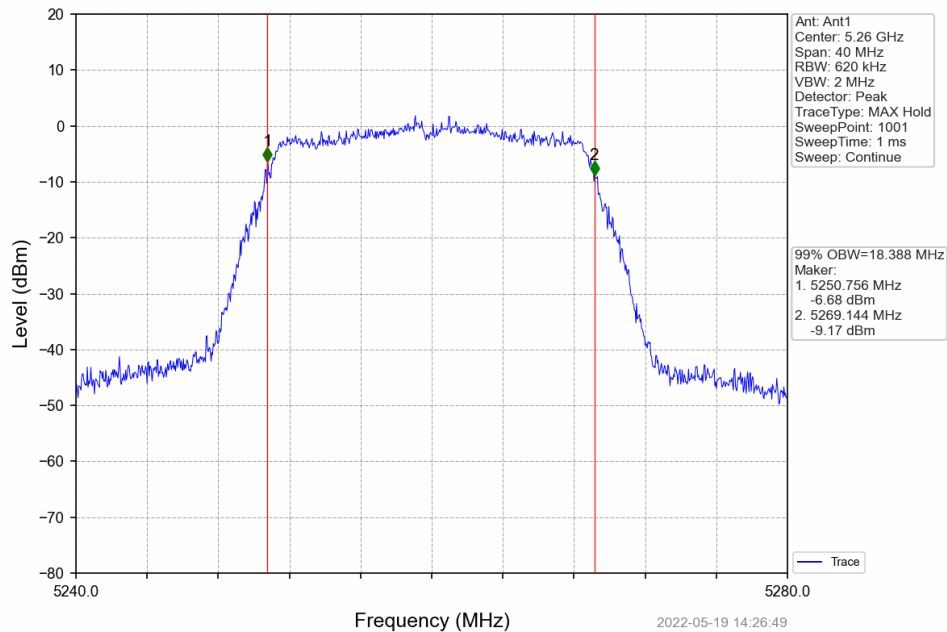




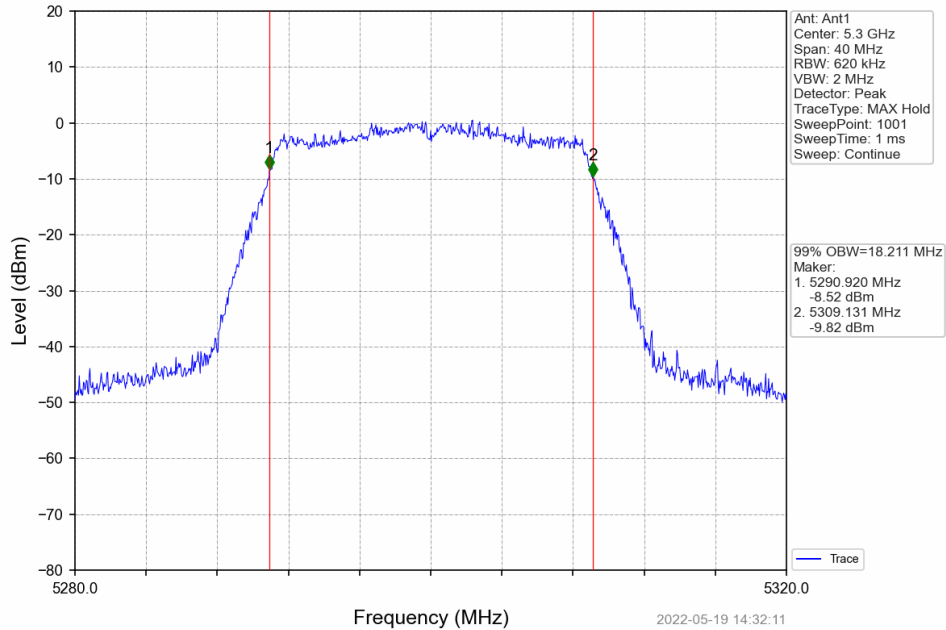
802.11n(HT20)\_HCH\_5240MHz\_Ant1\_NTNV



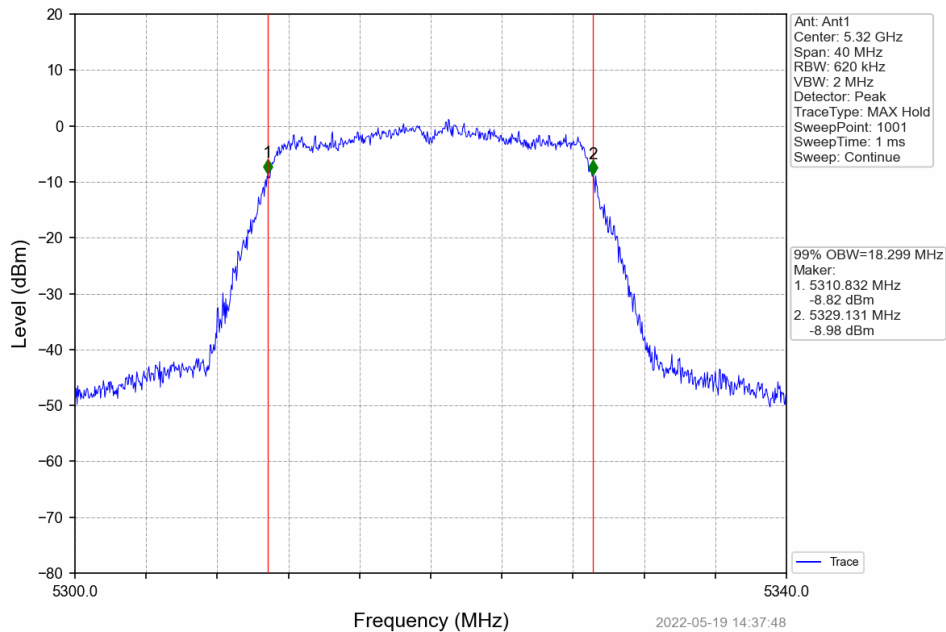
802.11n(HT20)\_LCH\_5260MHz\_Ant1\_NTNV



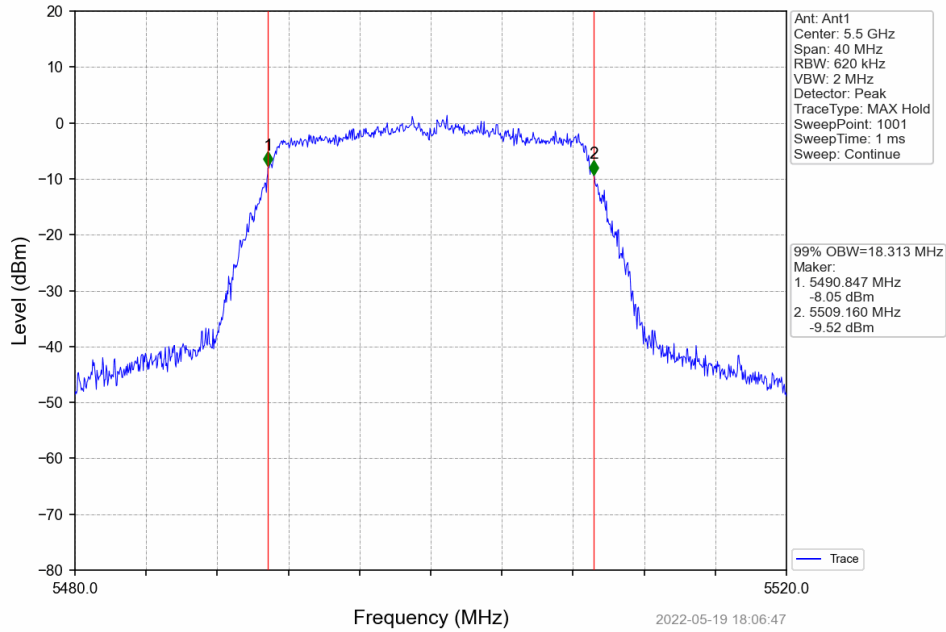
802.11n(HT20)\_MCH\_5300MHz\_Ant1\_NTNV



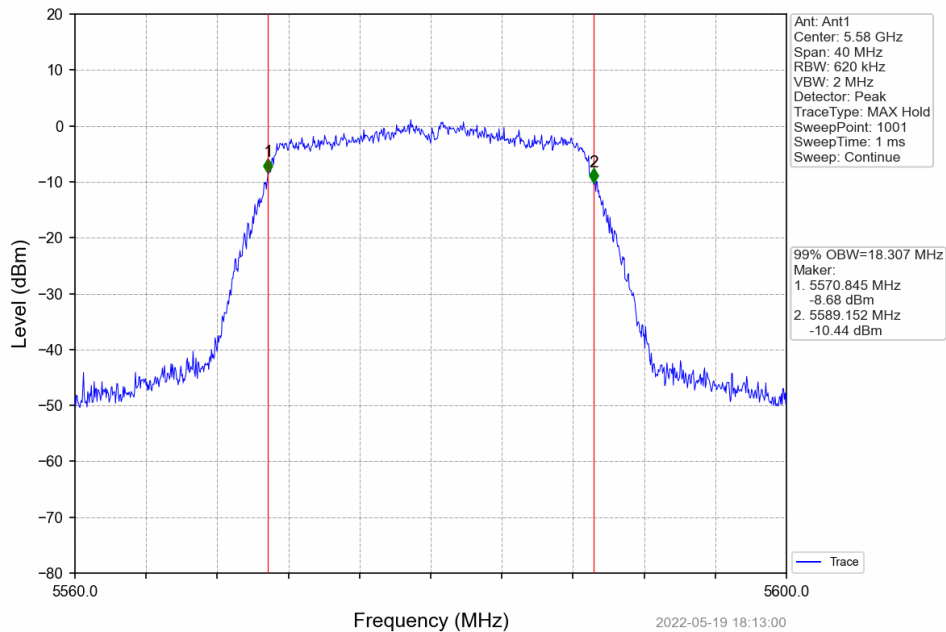
802.11n(HT20)\_HCH\_5320MHz\_Ant1\_NTNV



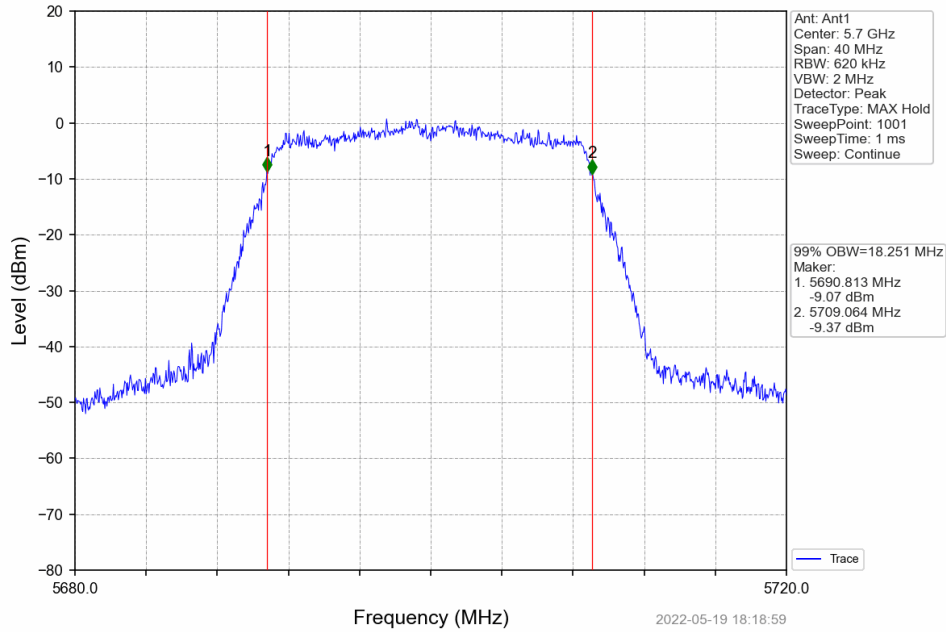
802.11n(HT20)\_LCH\_5500MHz\_Ant1\_NTNV



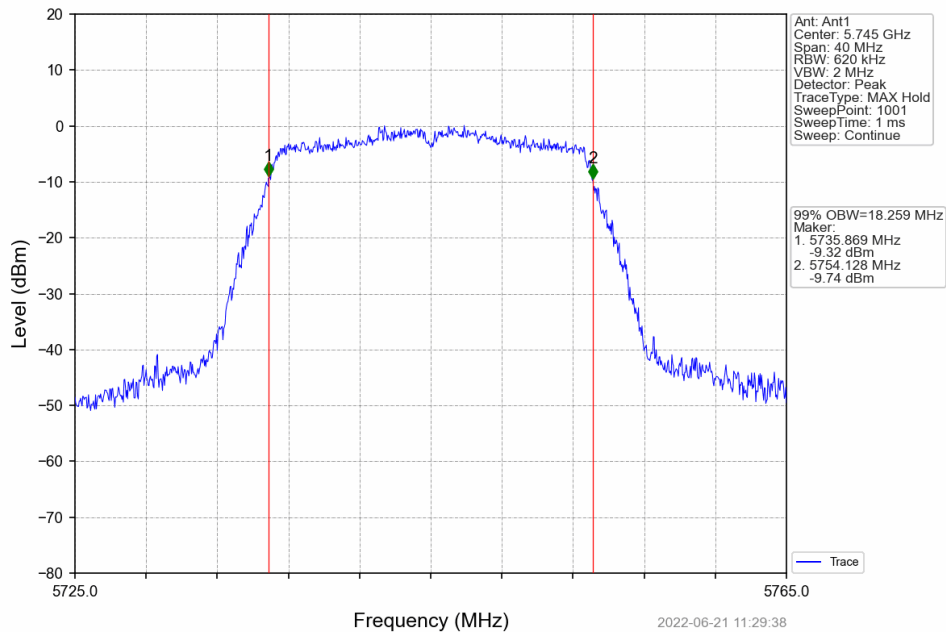
802.11n(HT20)\_MCH\_5580MHz\_Ant1\_NTNV



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

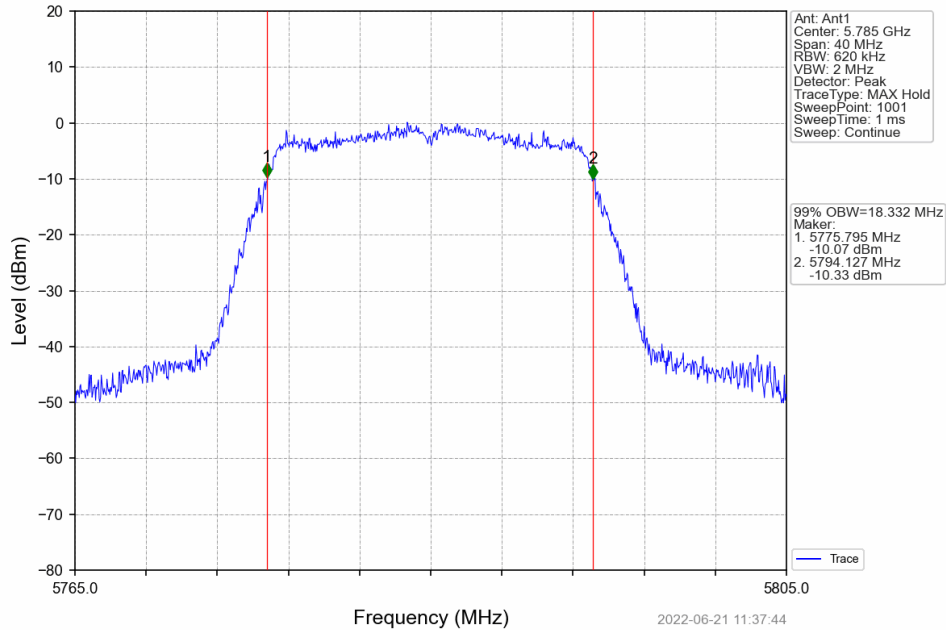


### 802.11n(HT20)\_LCH\_5745MHz\_Ant1\_NTNV

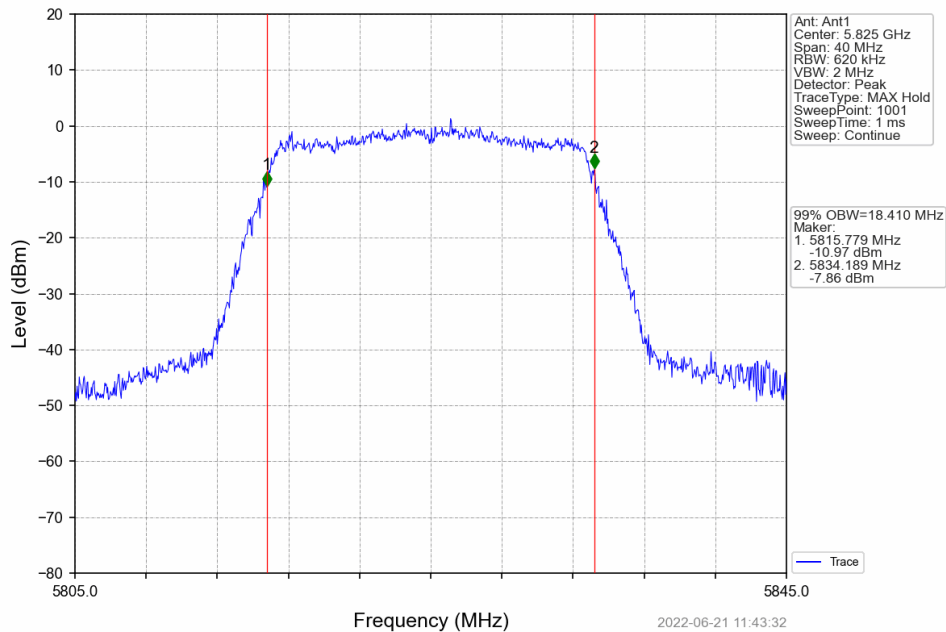




802.11n(HT20)\_MCH\_5785MHz\_Ant1\_NTNV

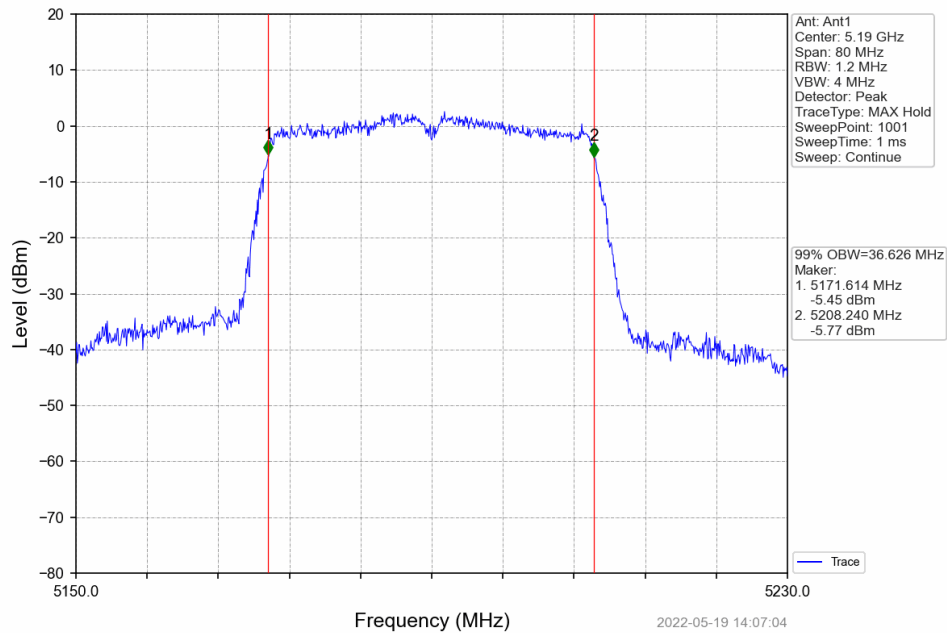


802.11n(HT20)\_HCH\_5825MHz\_Ant1\_NTNV

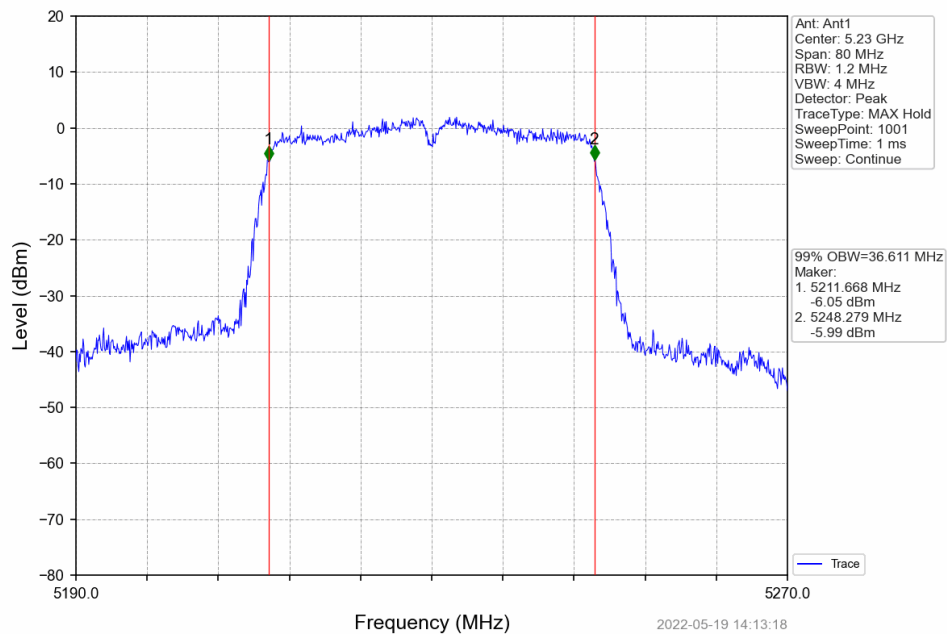




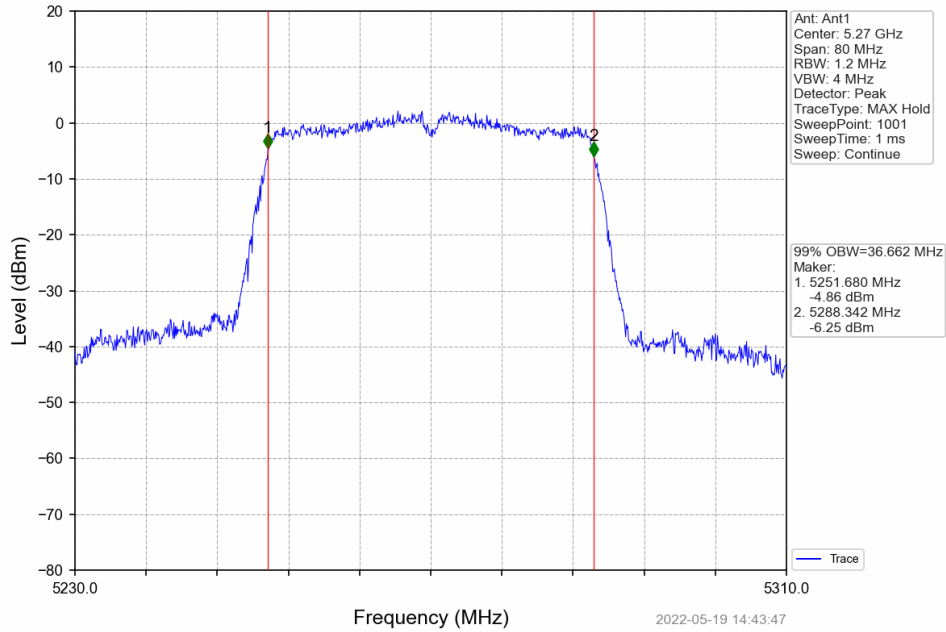
802.11n(HT40)\_LCH\_5190MHz\_Ant1\_NTNV



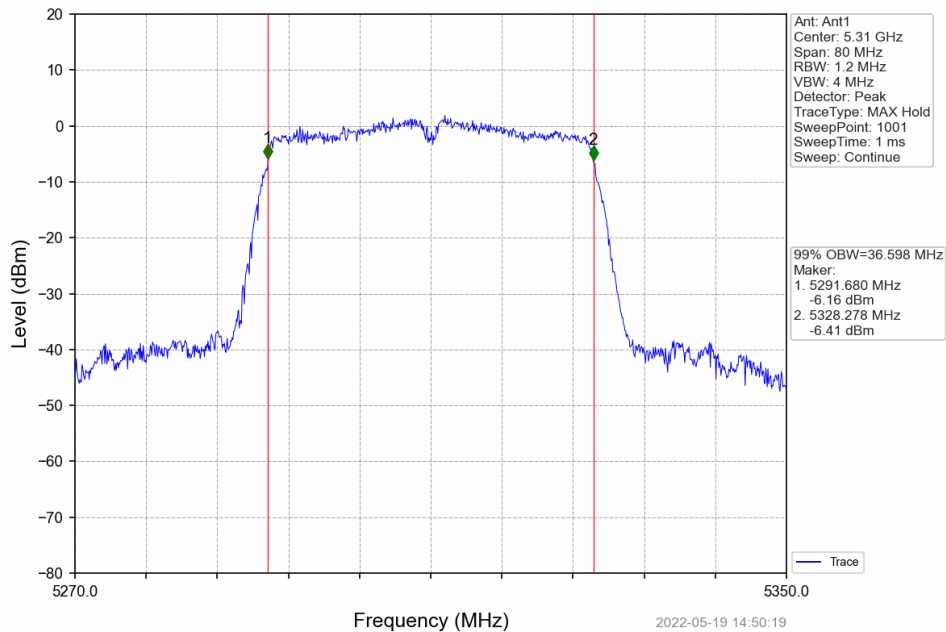
802.11n(HT40)\_HCH\_5230MHz\_Ant1\_NTNV



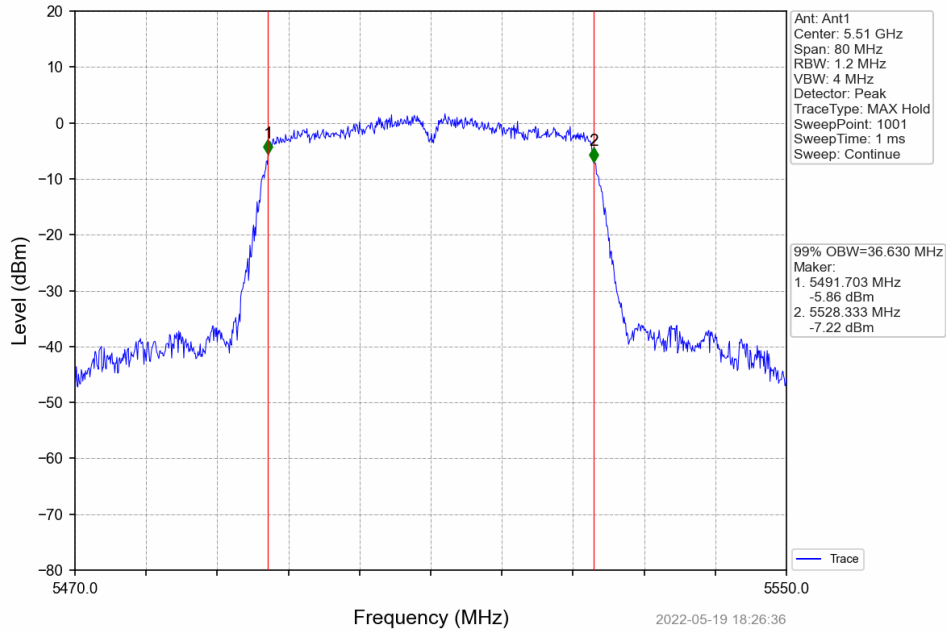
### 802.11n(HT40)\_LCH\_5270MHz\_Ant1\_NTNV



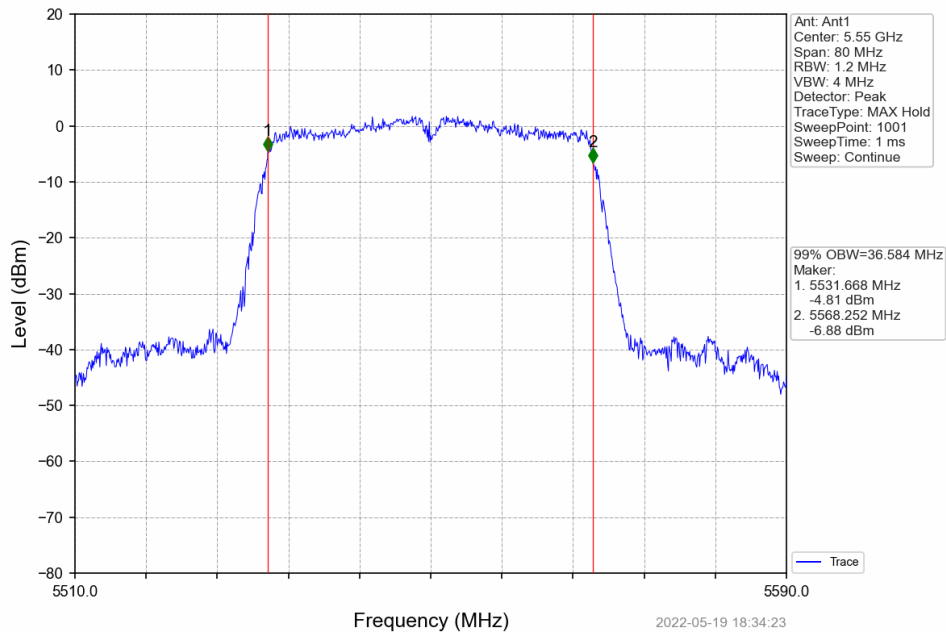
### 802.11n(HT40)\_HCH\_5310MHz\_Ant1\_NTNV



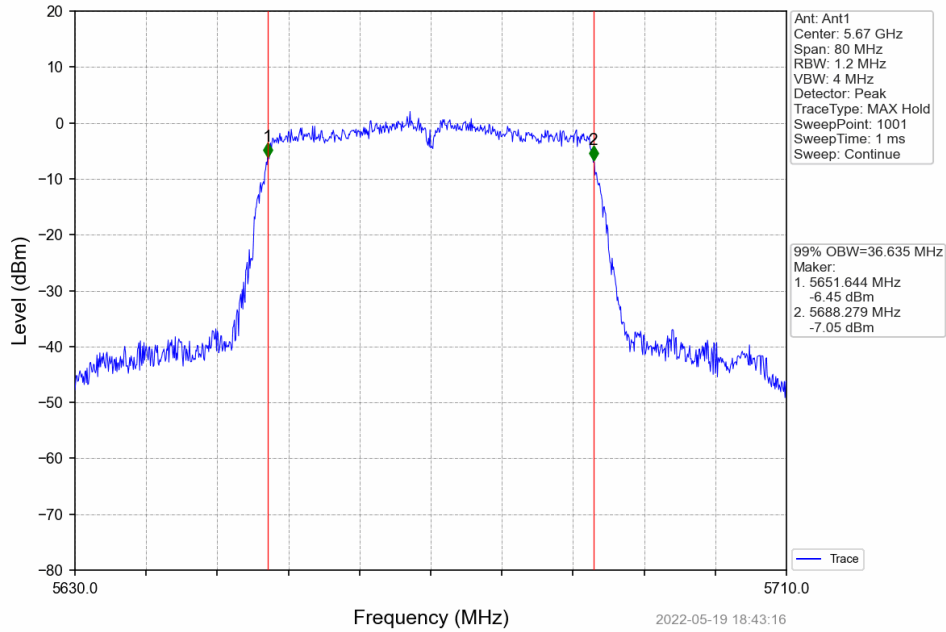
### 802.11n(HT40)\_LCH\_5510MHz\_Ant1\_NTNV



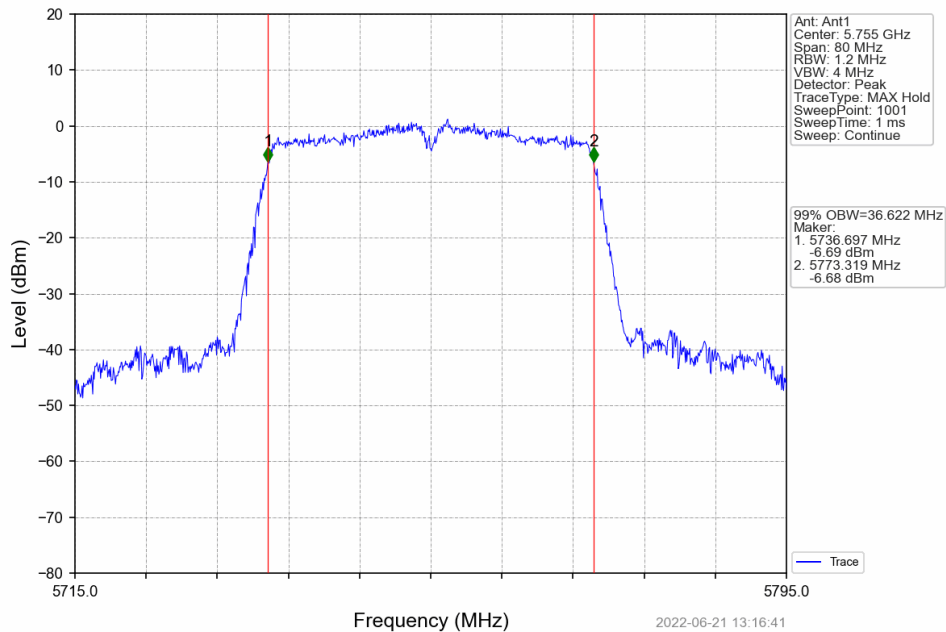
### 802.11n(HT40)\_MCH\_5550MHz\_Ant1\_NTNV



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

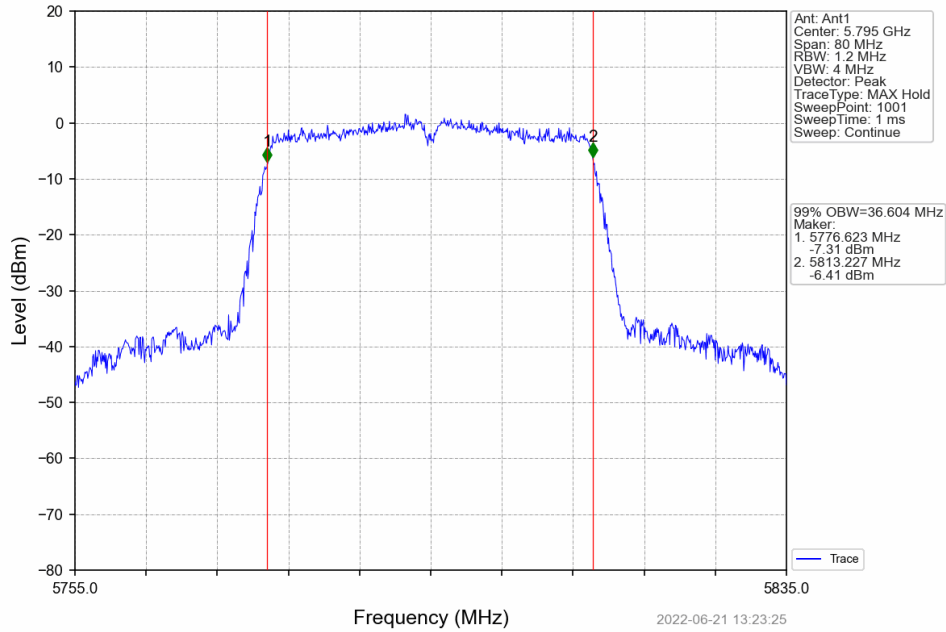


### 802.11n(HT40)\_LCH\_5755MHz\_Ant1\_NTNV

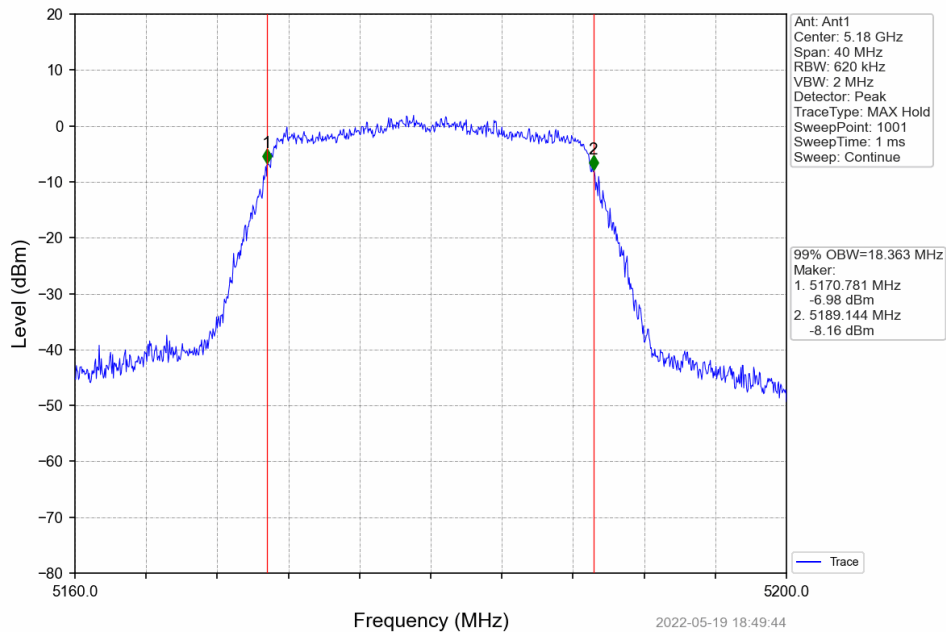




### 802.11n(HT40)\_HCH\_5795MHz\_Ant1\_NTNV

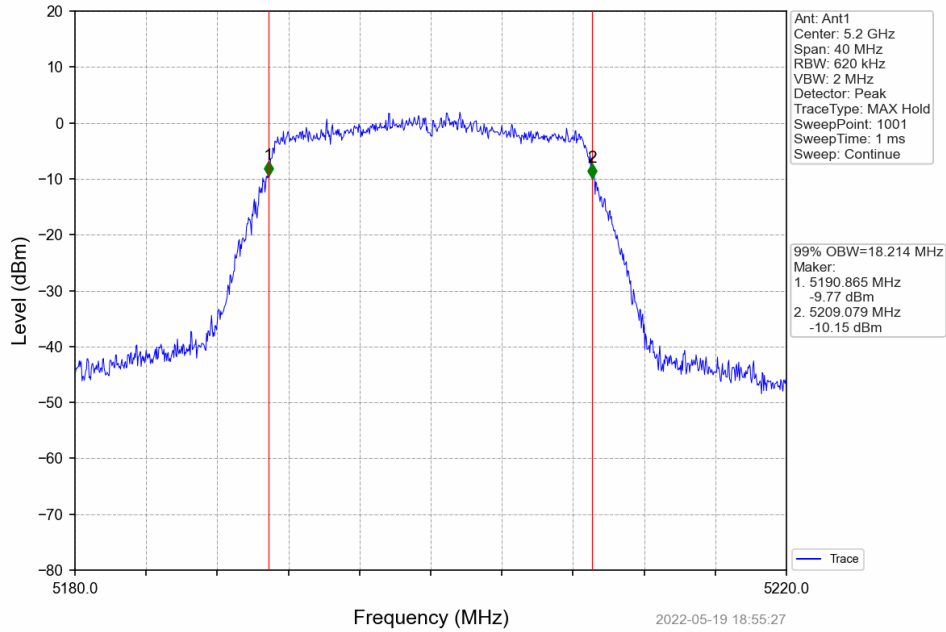


### 802.11ac(VHT20)\_LCH\_5180MHz\_Ant1\_NTNV

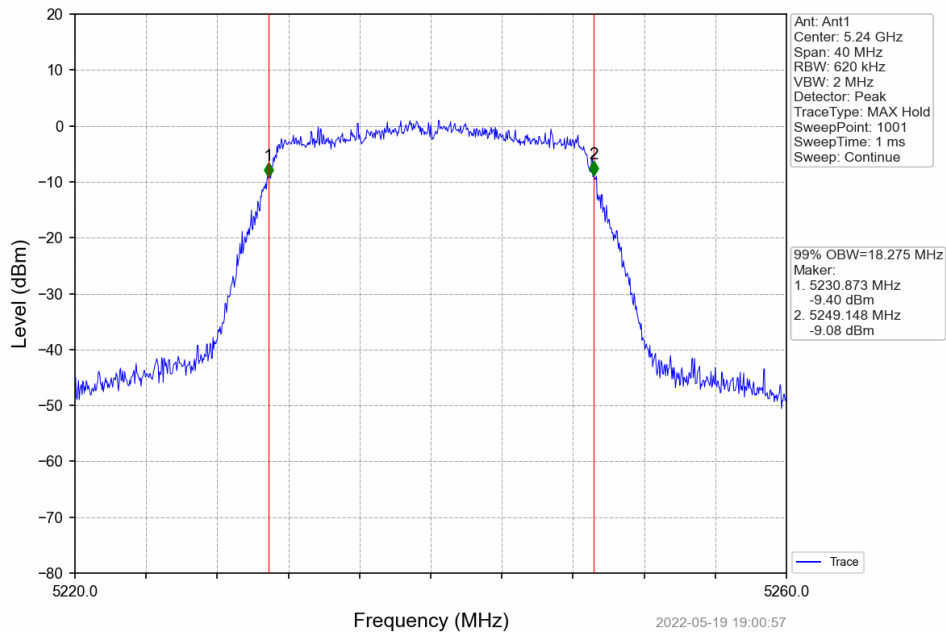




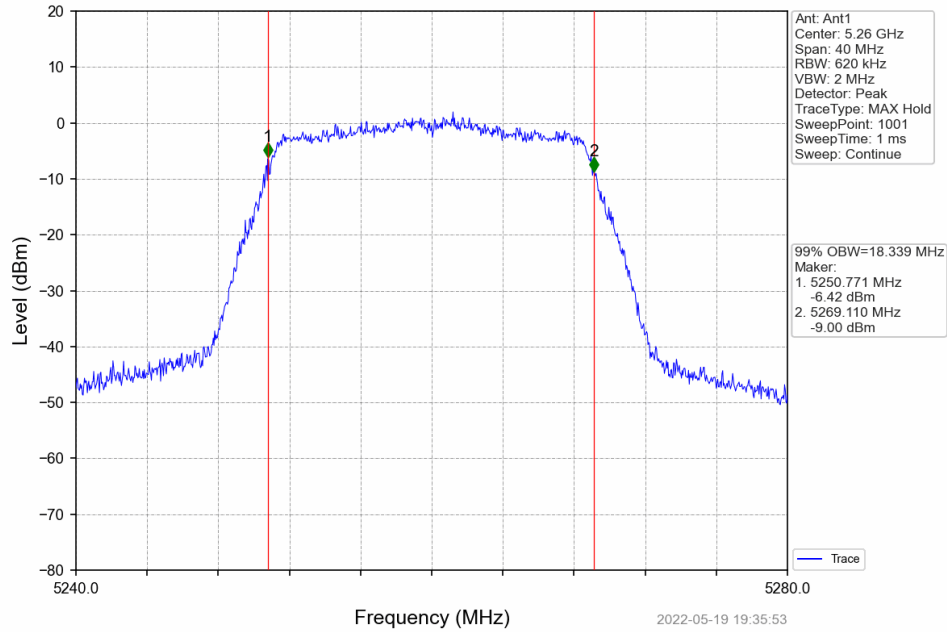
802.11ac(VHT20)\_MCH\_5200MHz\_Ant1\_NTNV



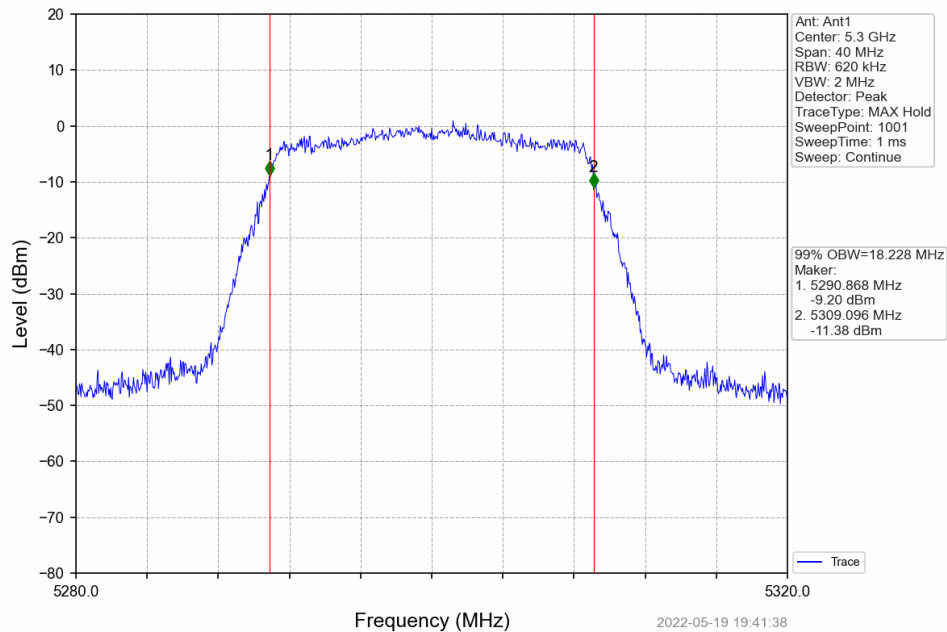
802.11ac(VHT20)\_HCH\_5240MHz\_Ant1\_NTNV



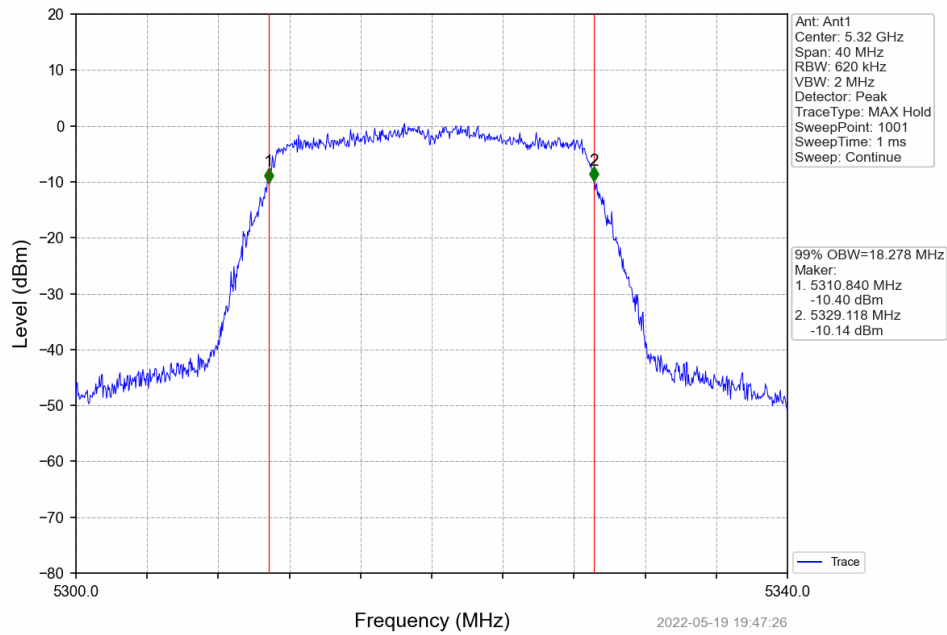
### 802.11ac(VHT20)\_LCH\_5260MHz\_Ant1\_NTNV



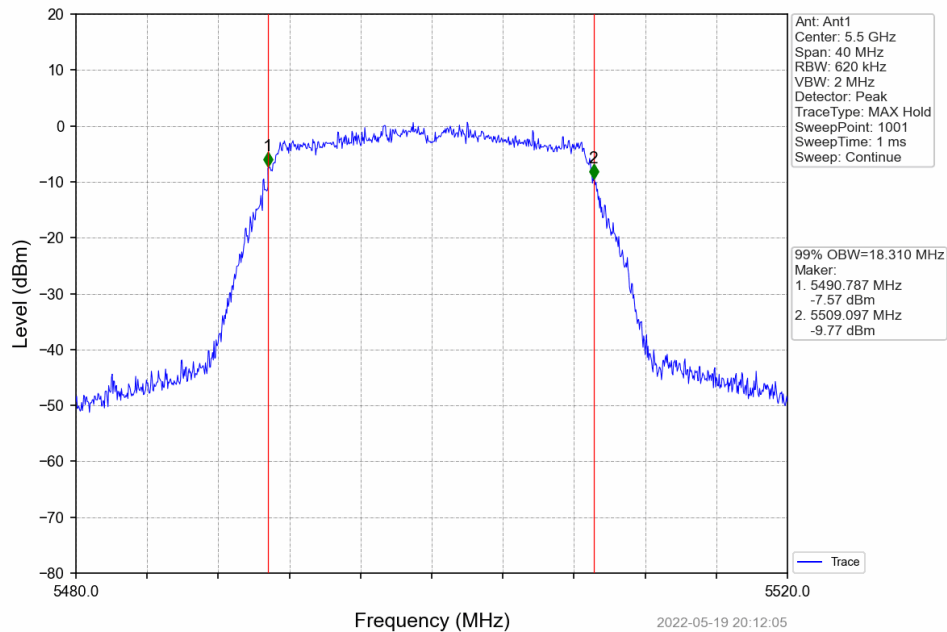
### 802.11ac(VHT20)\_MCH\_5300MHz\_Ant1\_NTNV



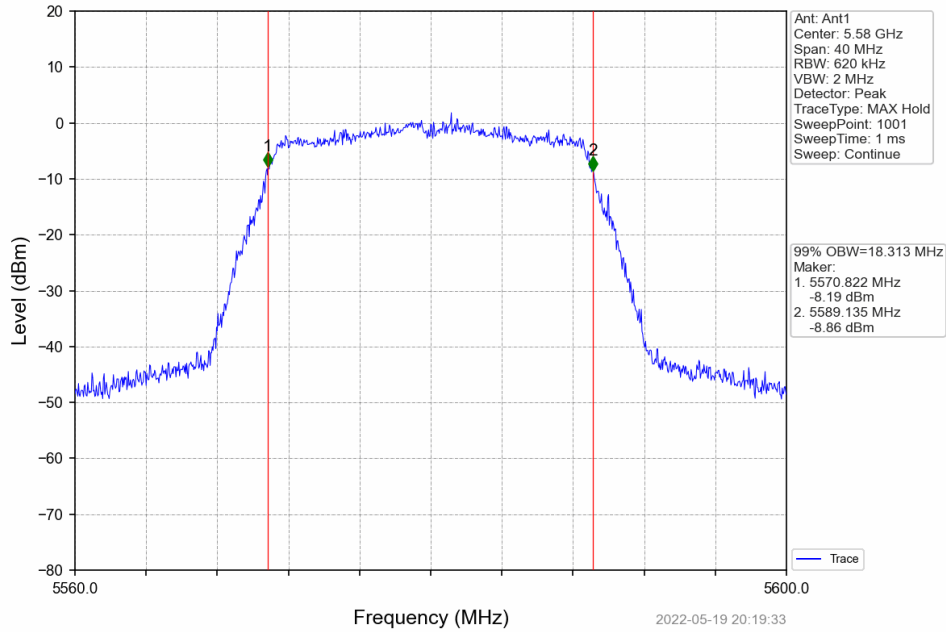
802.11ac(VHT20)\_HCH\_5320MHz\_Ant1\_NTNV



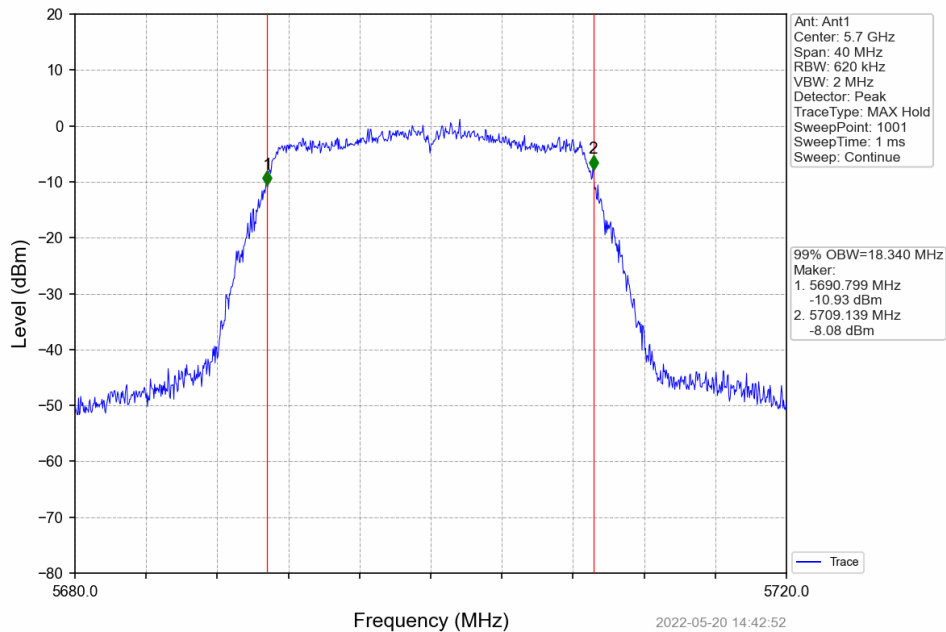
802.11ac(VHT20)\_LCH\_5500MHz\_Ant1\_NTNV



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

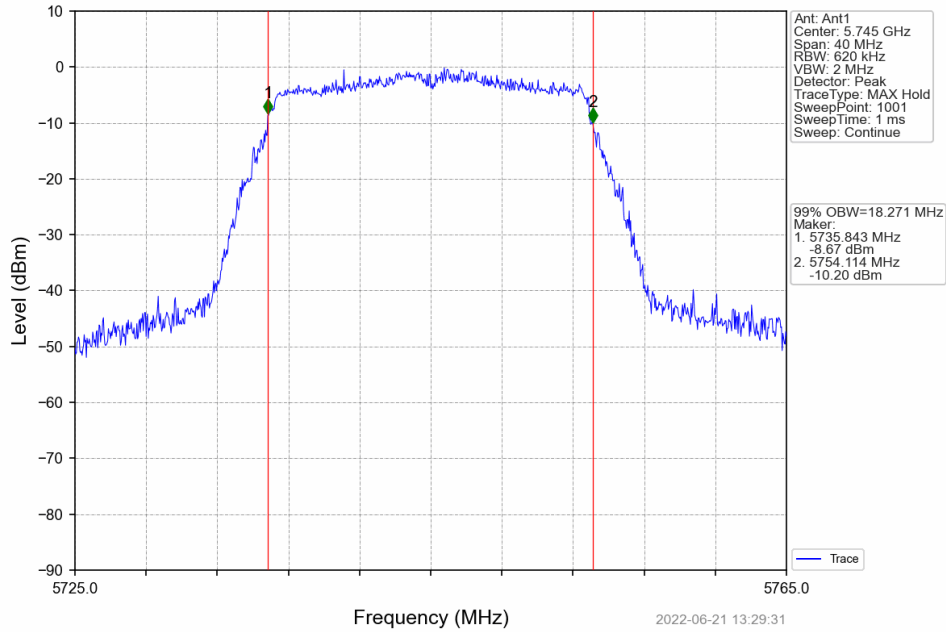


### 802.11ac(VHT20)\_HCH\_5700MHz\_Ant1\_NTNV

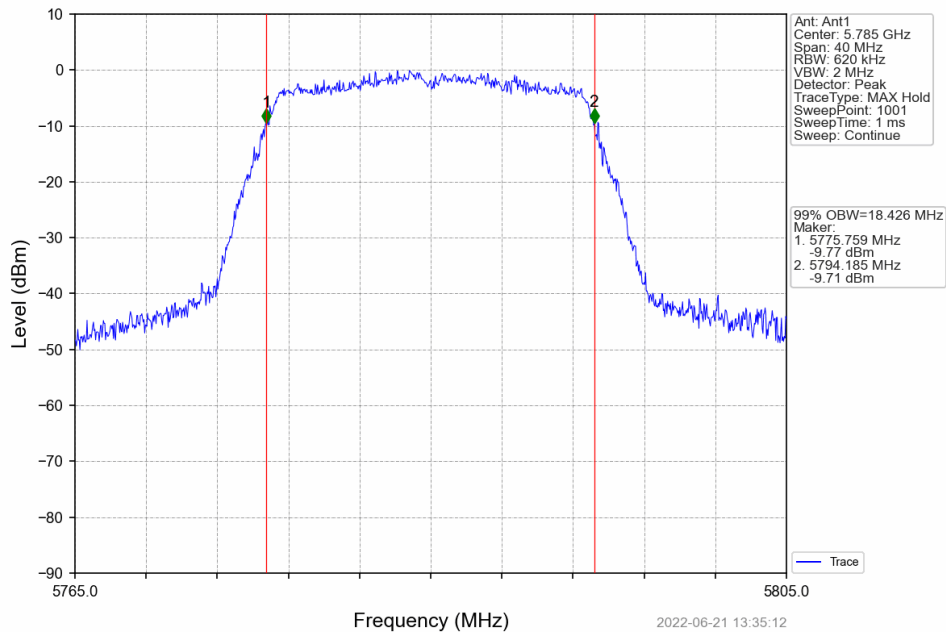




### 802.11ac(VHT20)\_LCH\_5745MHz\_Ant1\_NTNV

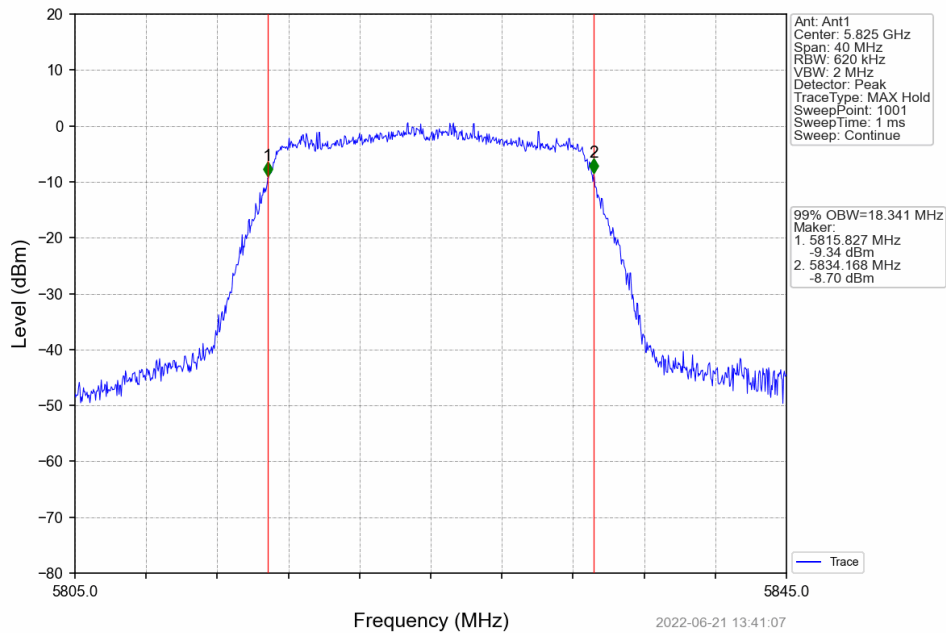


### 802.11ac(VHT20)\_MCH\_5785MHz\_Ant1\_NTNV

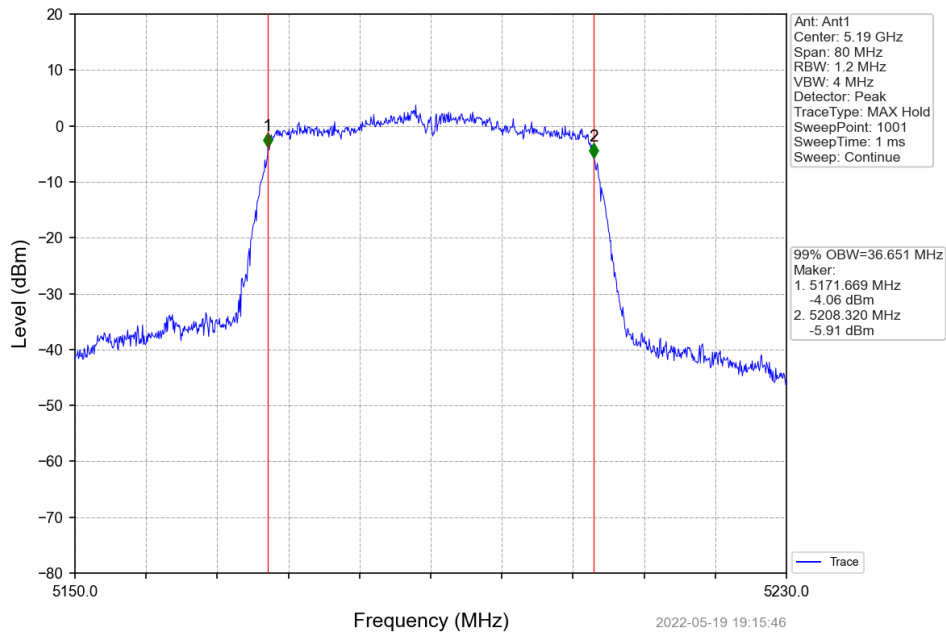




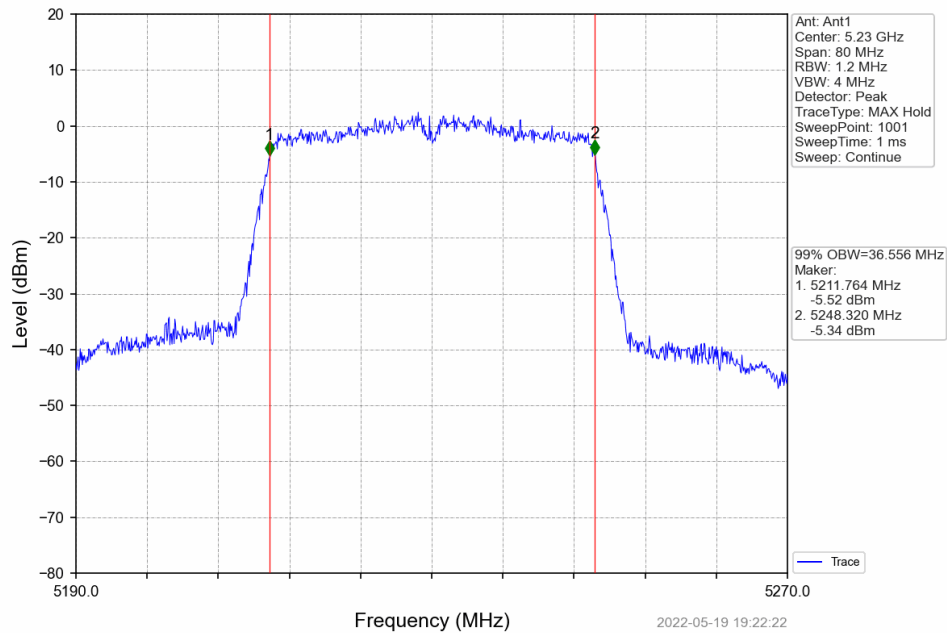
802.11ac(VHT20)\_HCH\_5825MHz\_Ant1\_NTNV



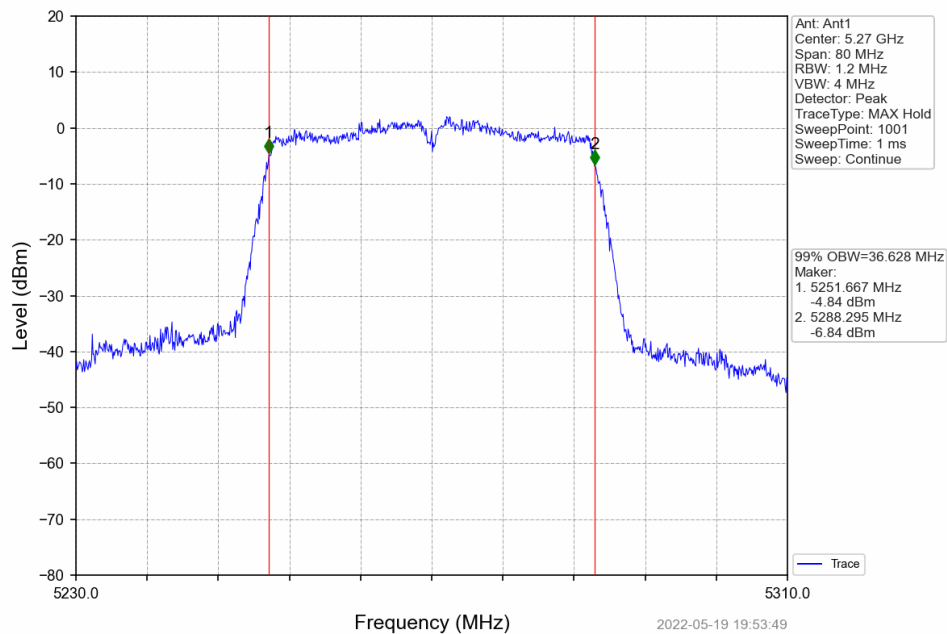
802.11ac(VHT40)\_LCH\_5190MHz\_Ant1\_NTNV



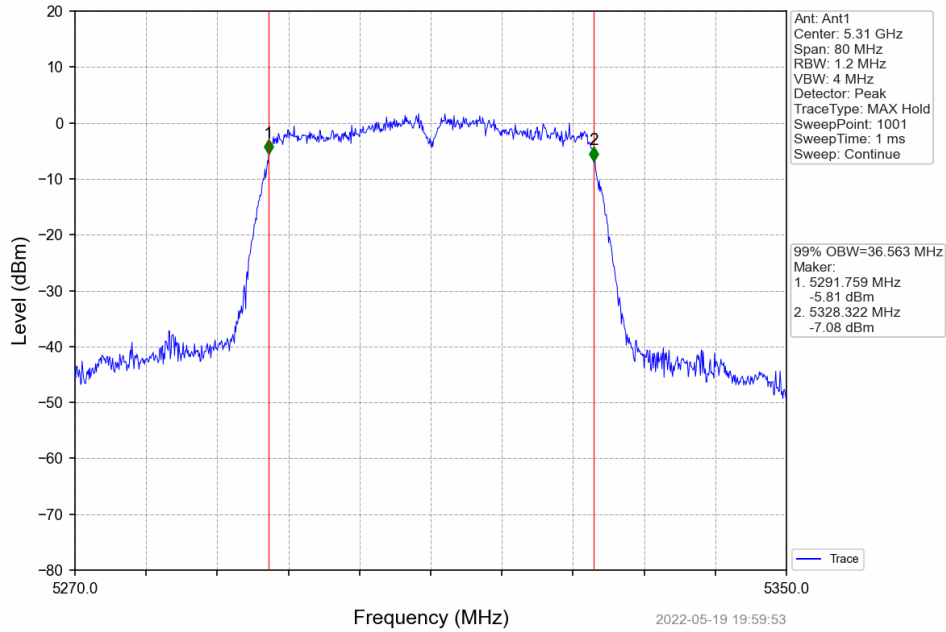
802.11ac(VHT40)\_HCH\_5230MHz\_Ant1\_NTNV



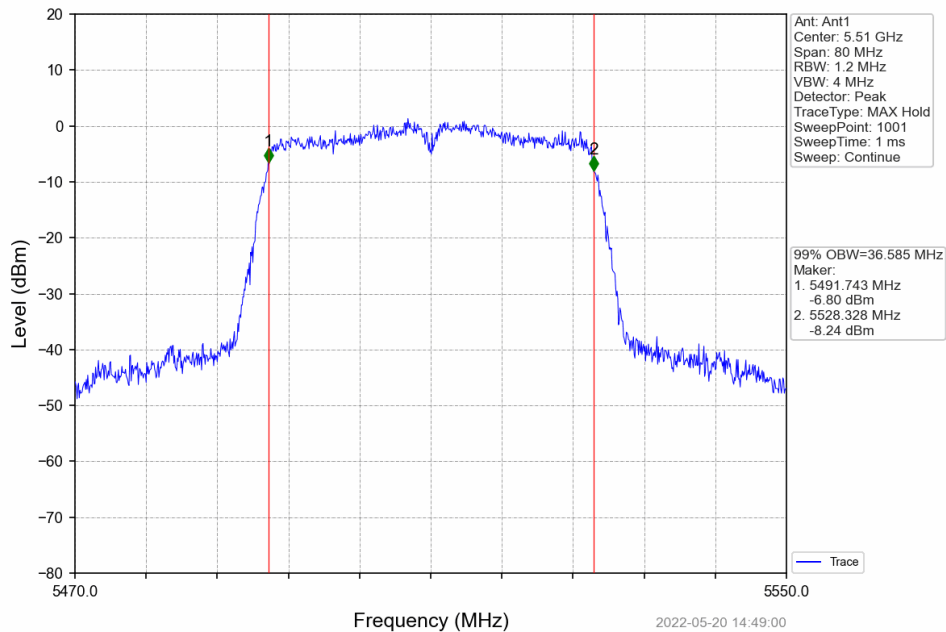
802.11ac(VHT40)\_LCH\_5270MHz\_Ant1\_NTNV



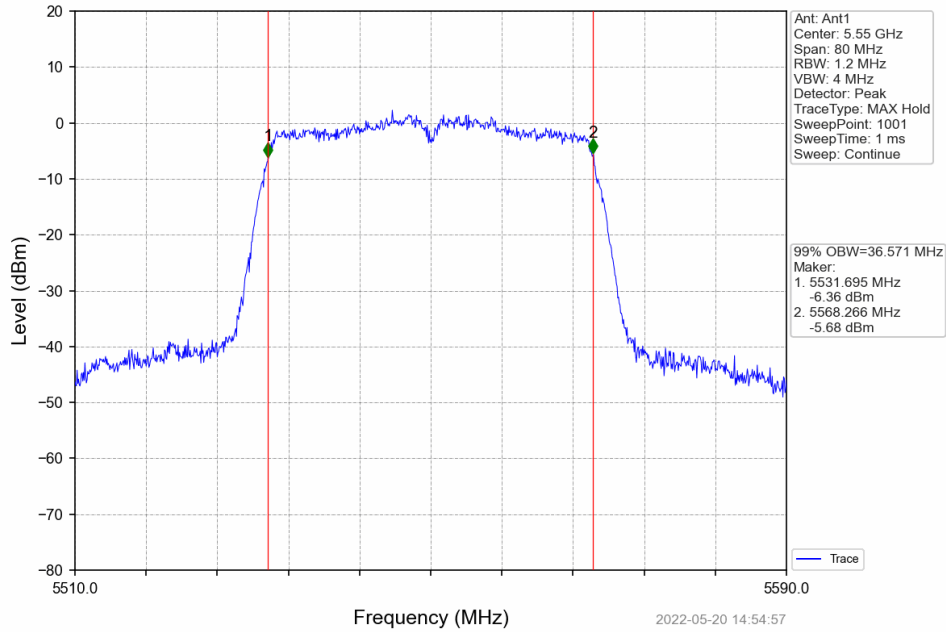
### 802.11ac(VHT40)\_HCH\_5310MHz\_Ant1\_NTNV



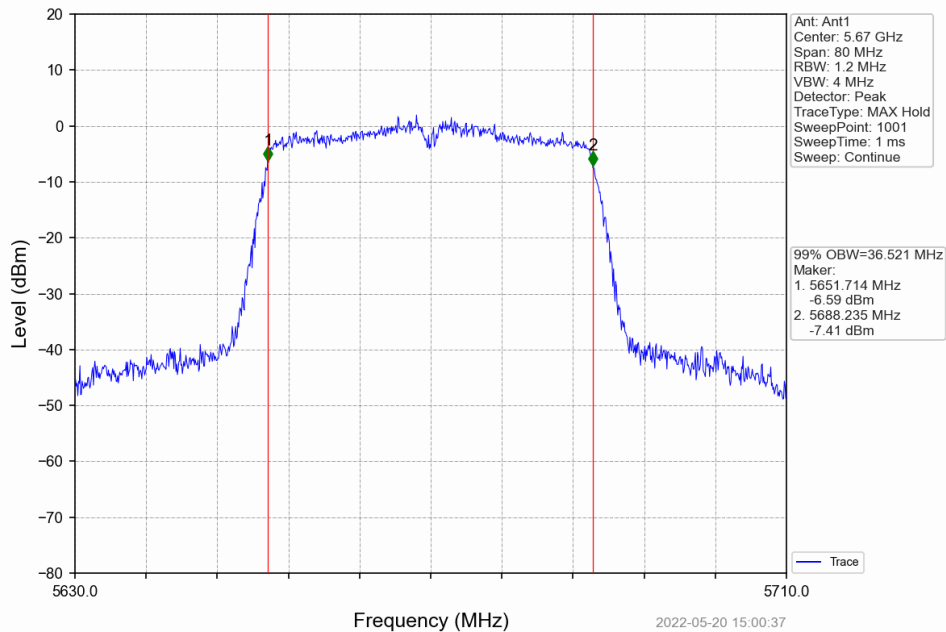
### 802.11ac(VHT40)\_LCH\_5510MHz\_Ant1\_NTNV



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

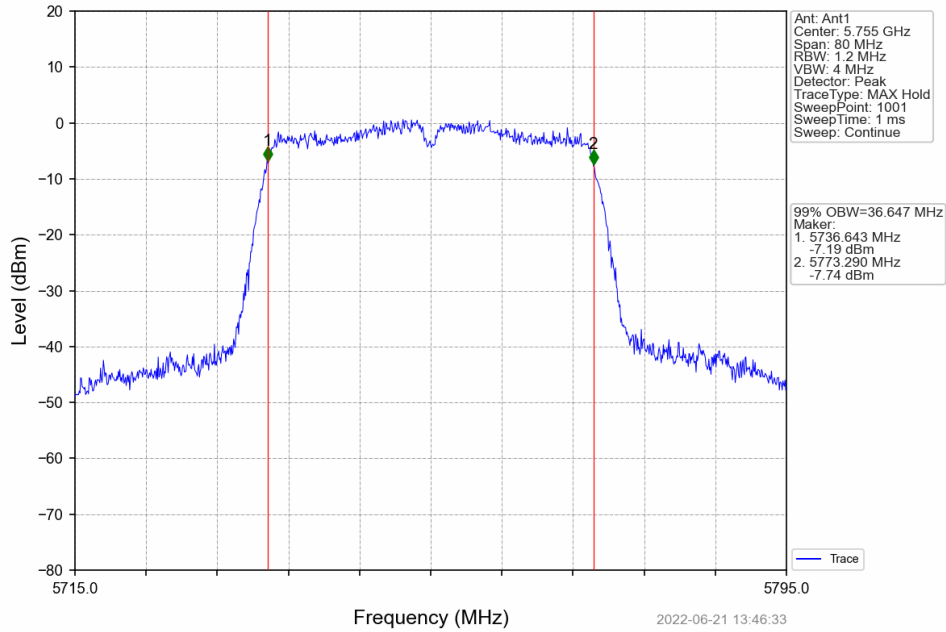


802.11ac(VHT40)\_HCH\_5670MHz\_Ant1\_NTNV

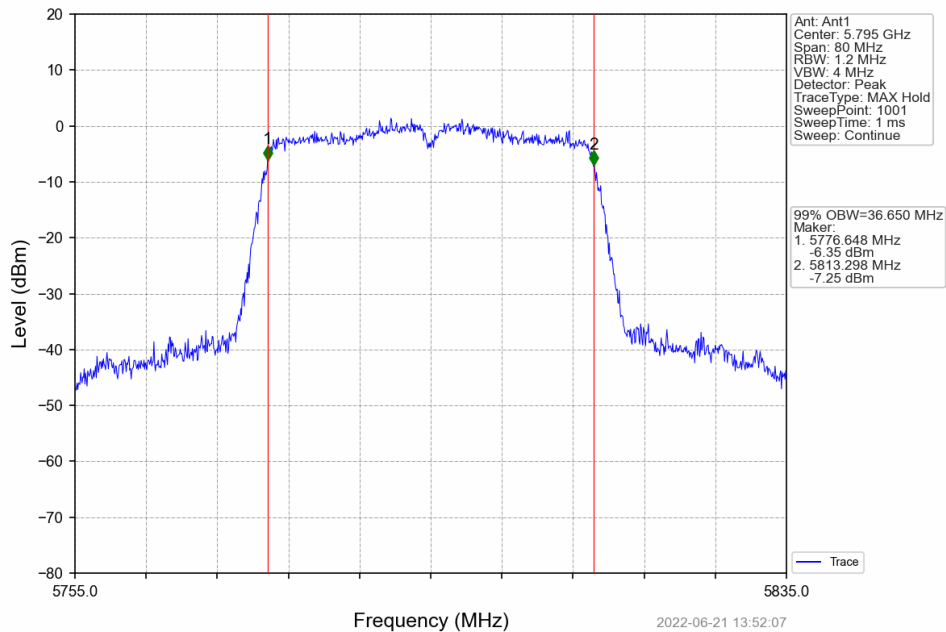




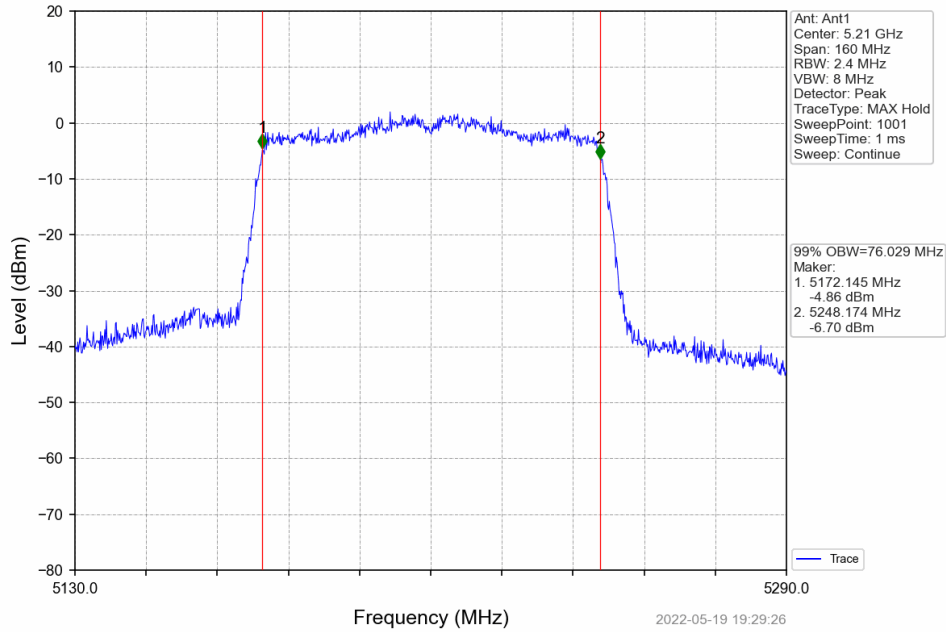
802.11ac(VHT40)\_LCH\_5755MHz\_Ant1\_NTNV



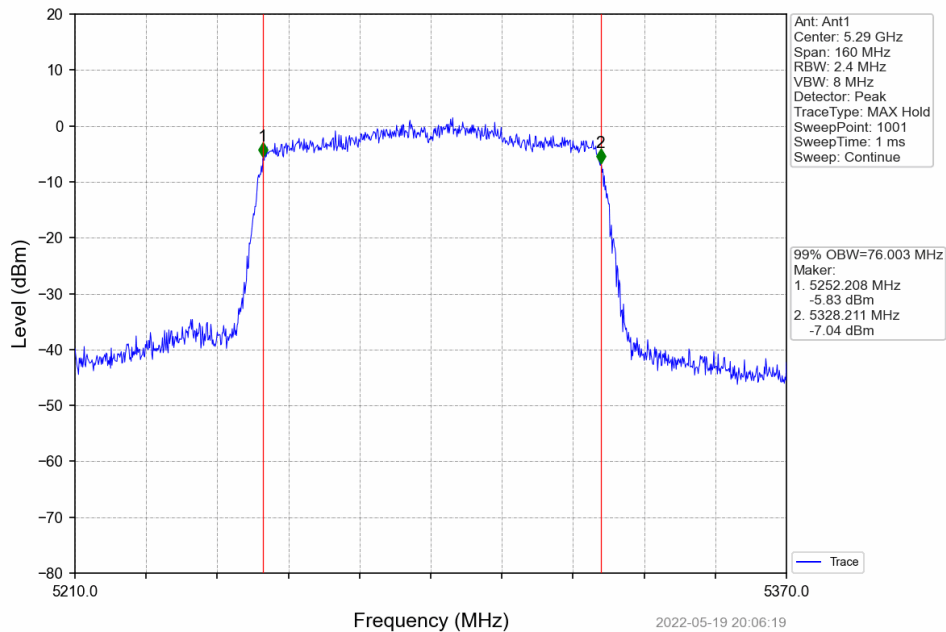
802.11ac(VHT40)\_HCH\_5795MHz\_Ant1\_NTNV



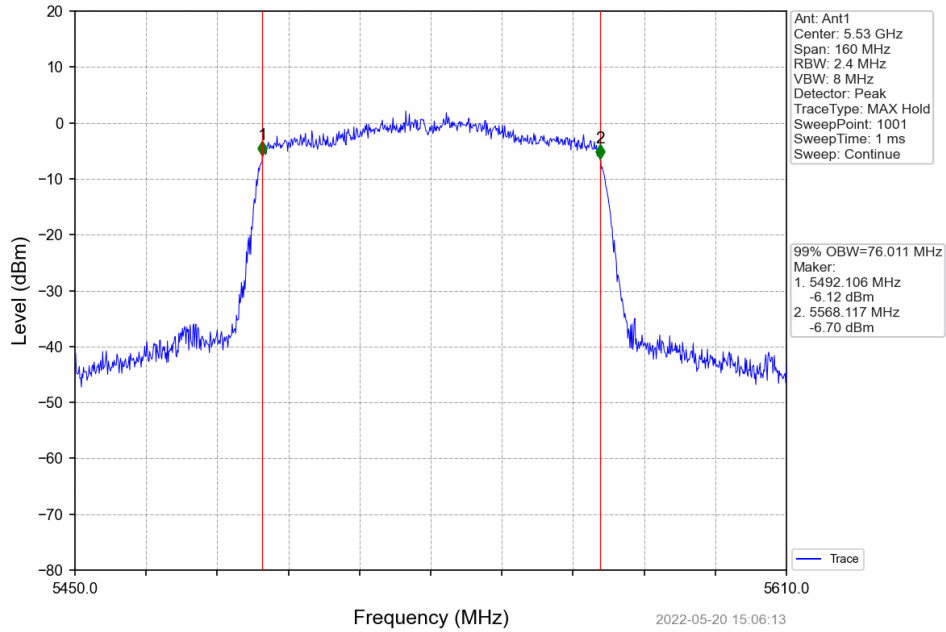
802.11ac(VHT80)\_MCH\_5210MHz\_Ant1\_NTNV



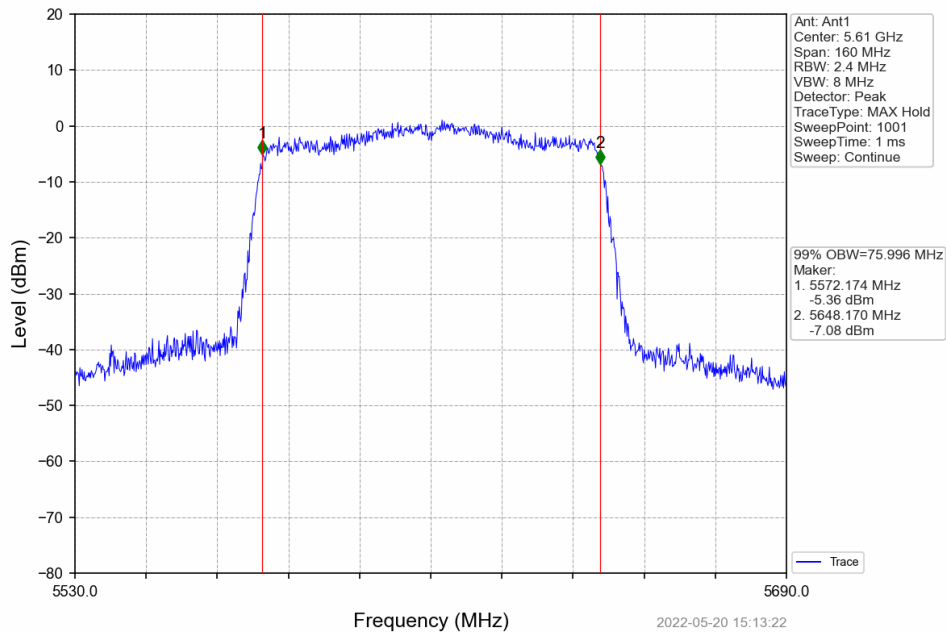
802.11ac(VHT80)\_MCH\_5290MHz\_Ant1\_NTNV



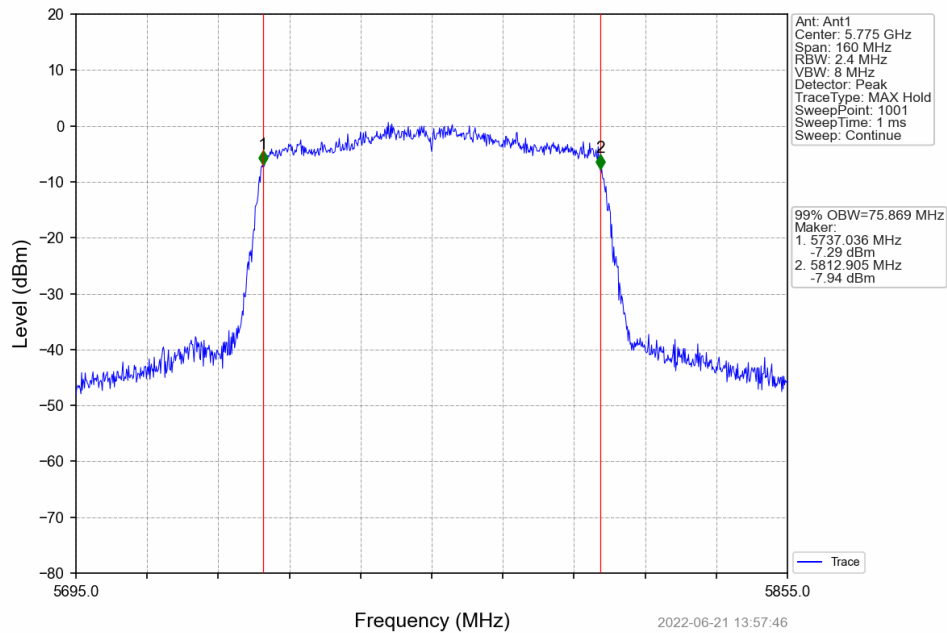
802.11ac(VHT80)\_LCH\_5530MHz\_Ant1\_NTNV



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



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



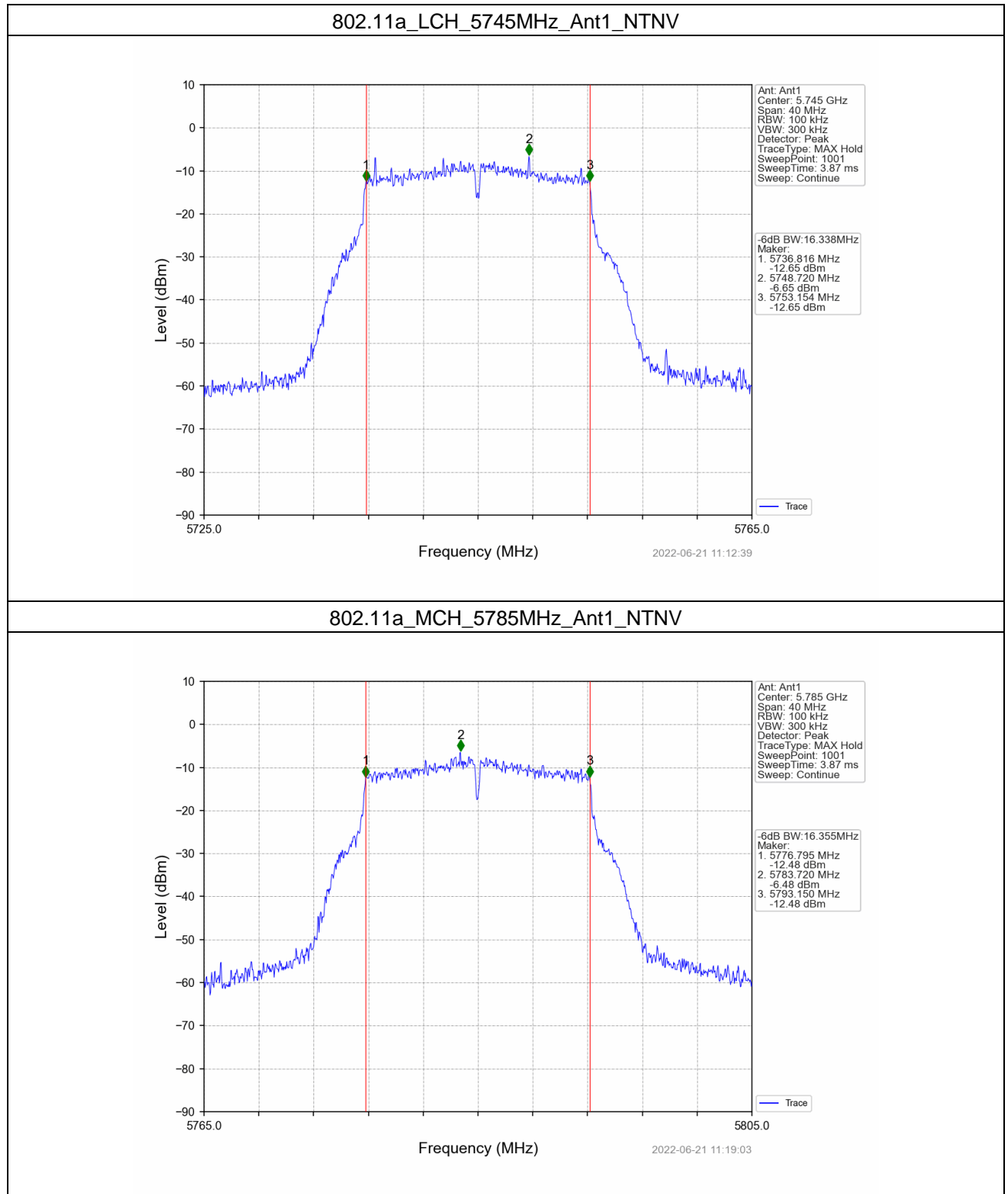


## 2.2 6dB BW

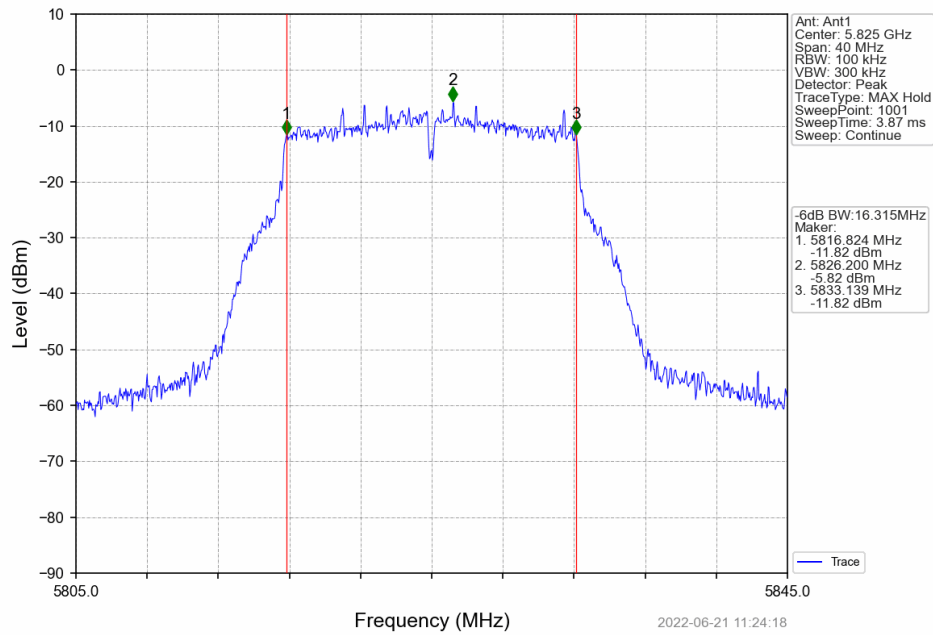
## 2.2.1 Test Result

Mode	TX Type	Frequency (MHz)	ANT	6dB Bandwidth (MHz)		Verdict
				Result	Limit	
802.11a	SISO	5745	1	16.338	$\geq 0.5$	Pass
		5785	1	16.355	$\geq 0.5$	Pass
		5825	1	16.315	$\geq 0.5$	Pass
802.11n (HT20)	SISO	5745	1	17.612	$\geq 0.5$	Pass
		5785	1	17.602	$\geq 0.5$	Pass
		5825	1	17.385	$\geq 0.5$	Pass
802.11n (HT40)	SISO	5755	1	36.392	$\geq 0.5$	Pass
		5795	1	36.288	$\geq 0.5$	Pass
802.11ac (VHT20)	SISO	5745	1	17.681	$\geq 0.5$	Pass
		5785	1	17.649	$\geq 0.5$	Pass
		5825	1	17.670	$\geq 0.5$	Pass
802.11ac (VHT40)	SISO	5755	1	36.218	$\geq 0.5$	Pass
		5795	1	36.373	$\geq 0.5$	Pass
802.11ac (VHT80)	SISO	5775	1	75.453	$\geq 0.5$	Pass

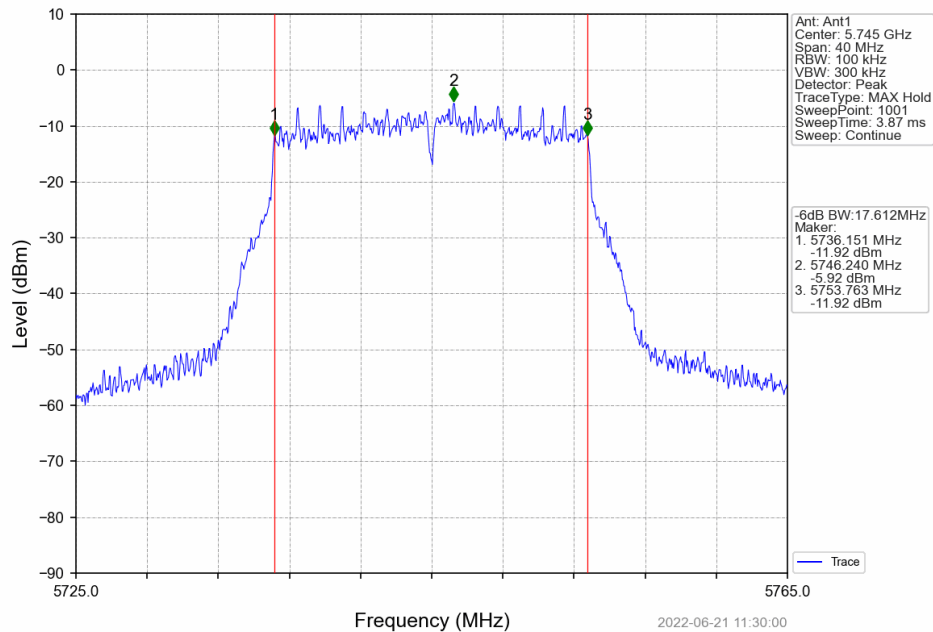
### 2.2.2 Test Graph



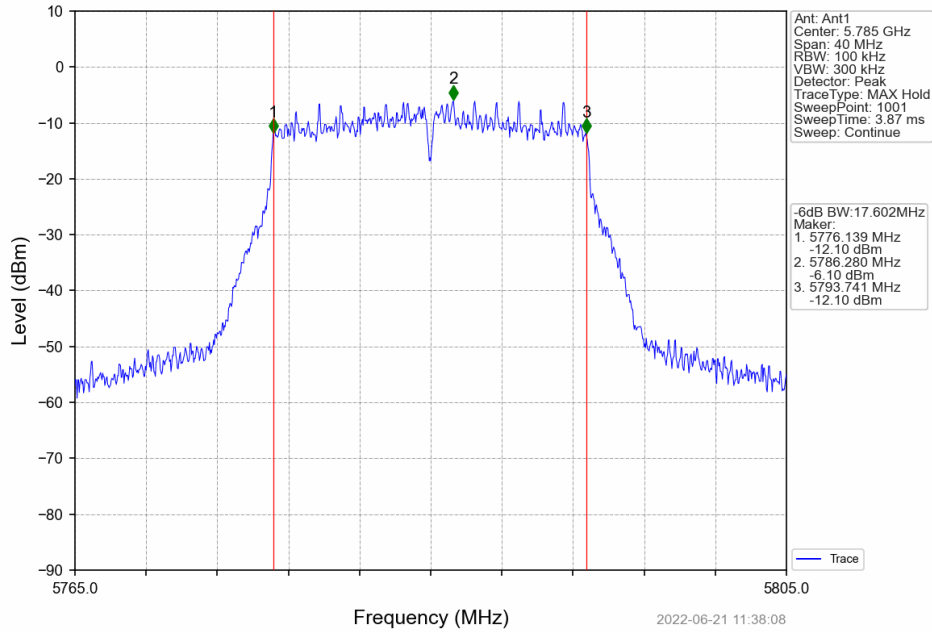
### 802.11a\_HCH\_5825MHz\_Ant1\_NTNV



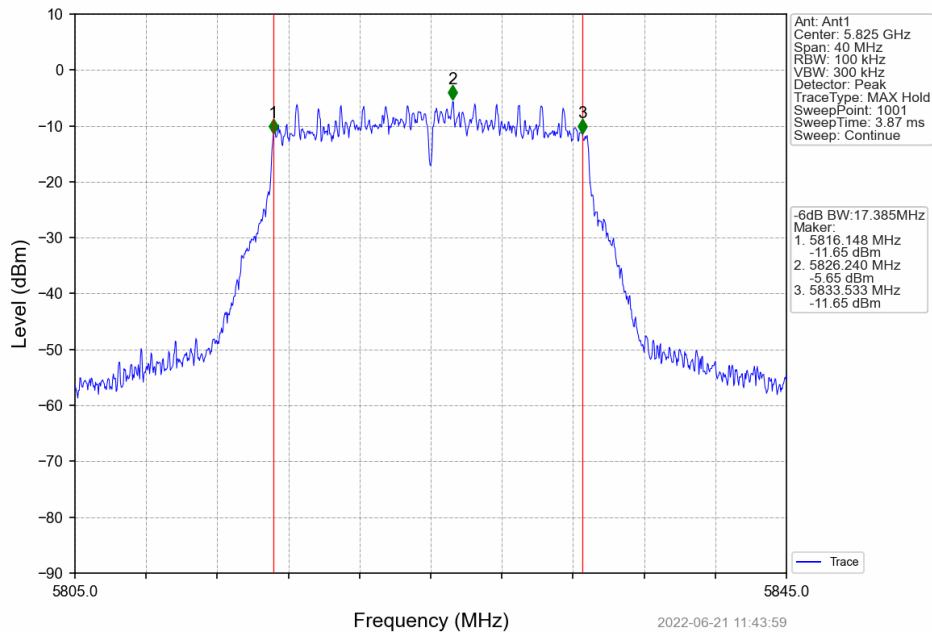
### 802.11n(HT20)\_LCH\_5745MHz\_Ant1\_NTNV



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



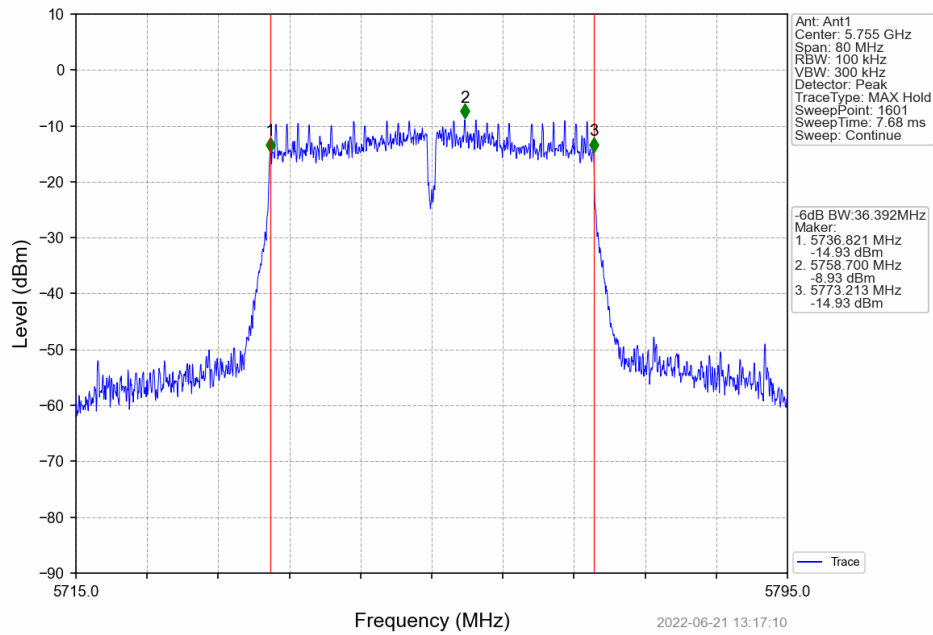
### 802.11n(HT20)\_HCH\_5825MHz\_Ant1\_NTNV



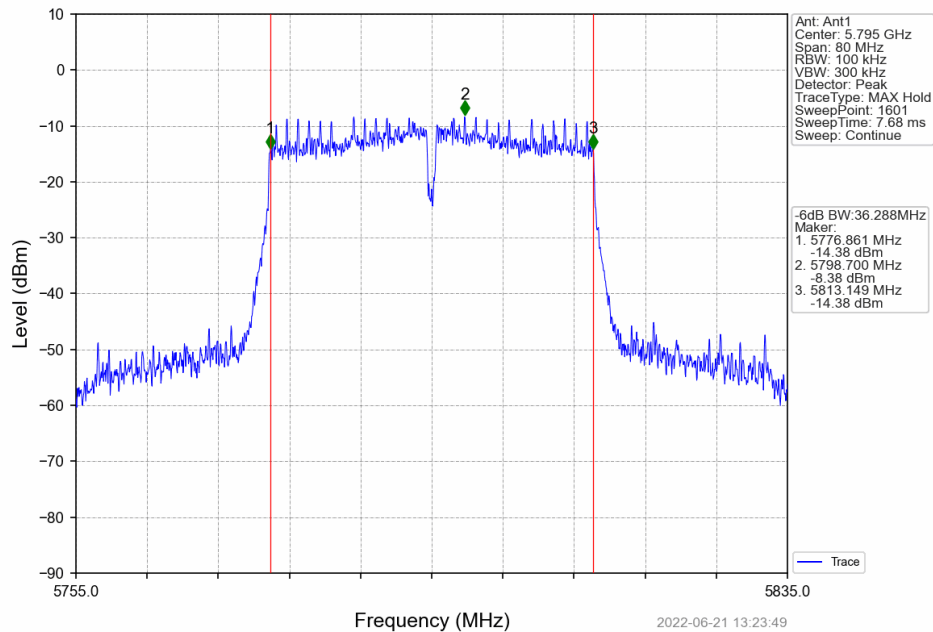
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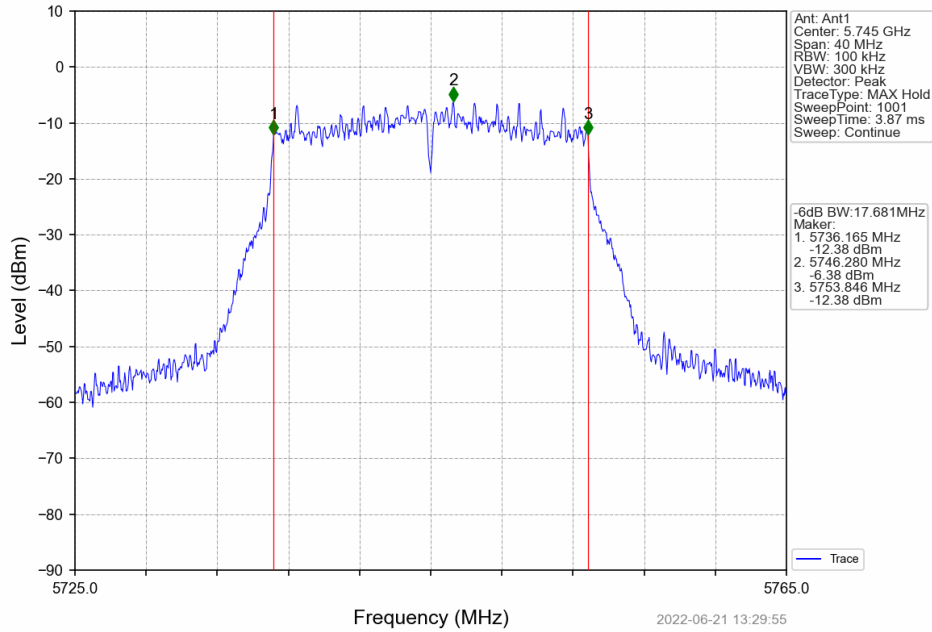
### 802.11n(HT40)\_LCH\_5755MHz\_Ant1\_NTNV



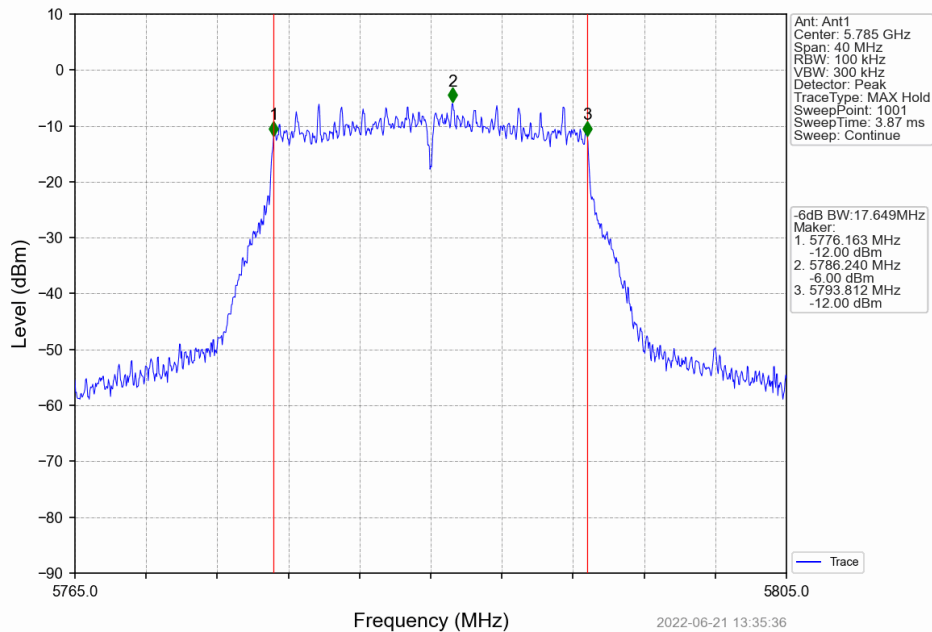
### 802.11n(HT40)\_HCH\_5795MHz\_Ant1\_NTNV



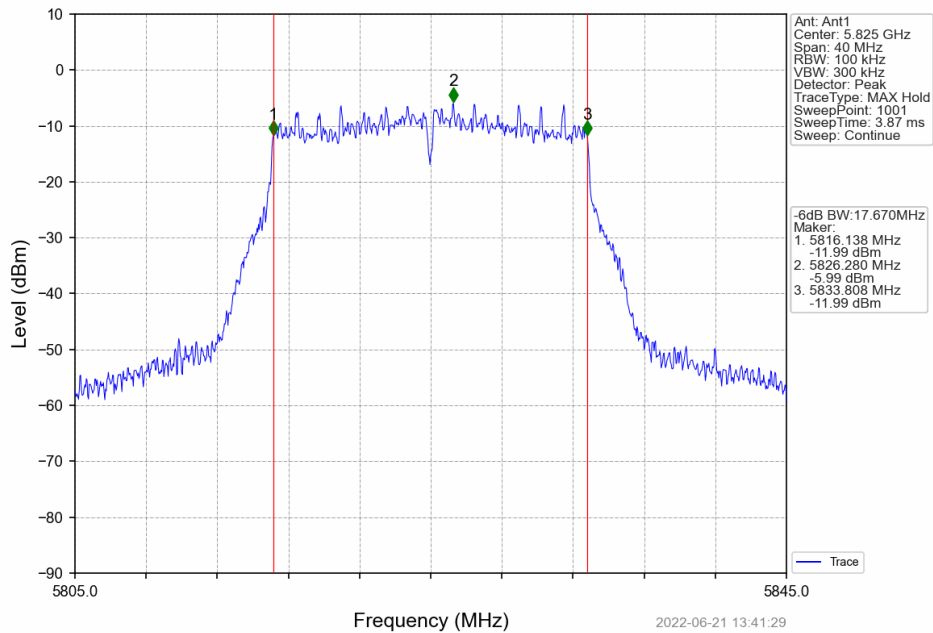
### 802.11ac(VHT20)\_LCH\_5745MHz\_Ant1\_NTNV



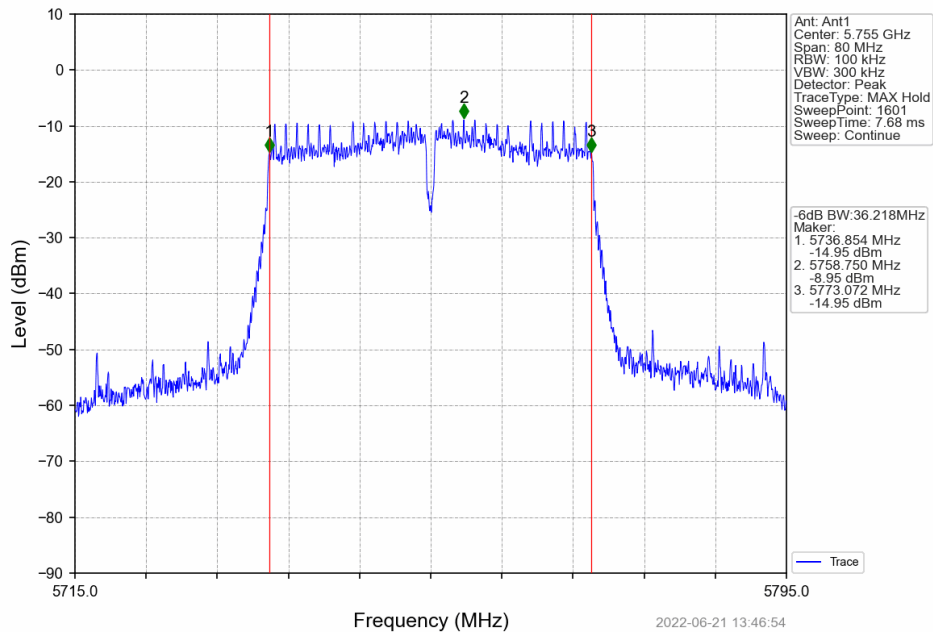
### 802.11ac(VHT20)\_MCH\_5785MHz\_Ant1\_NTNV



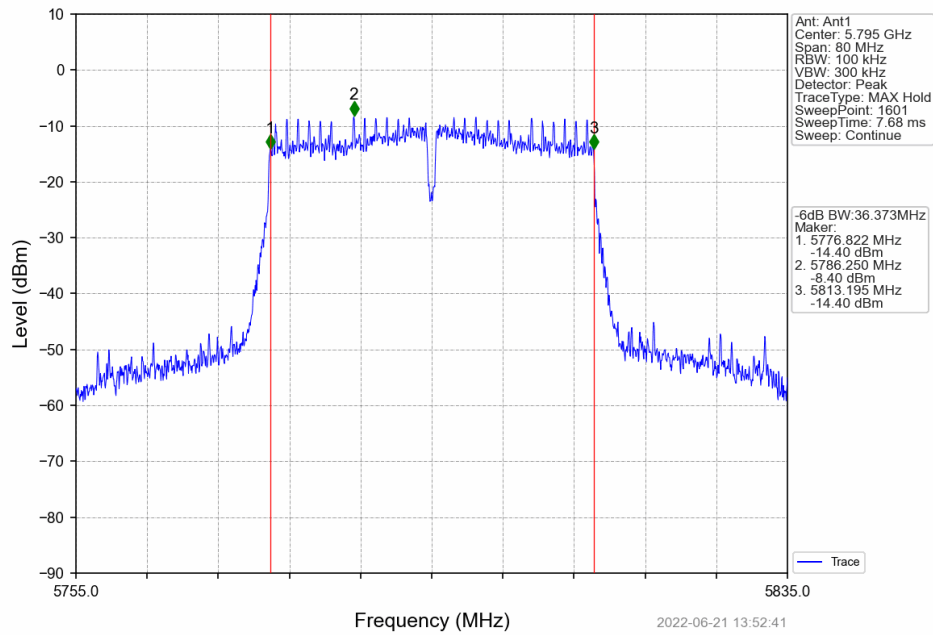
## 802.11ac(VHT20)\_HCH\_5825MHz\_Ant1\_NTNV



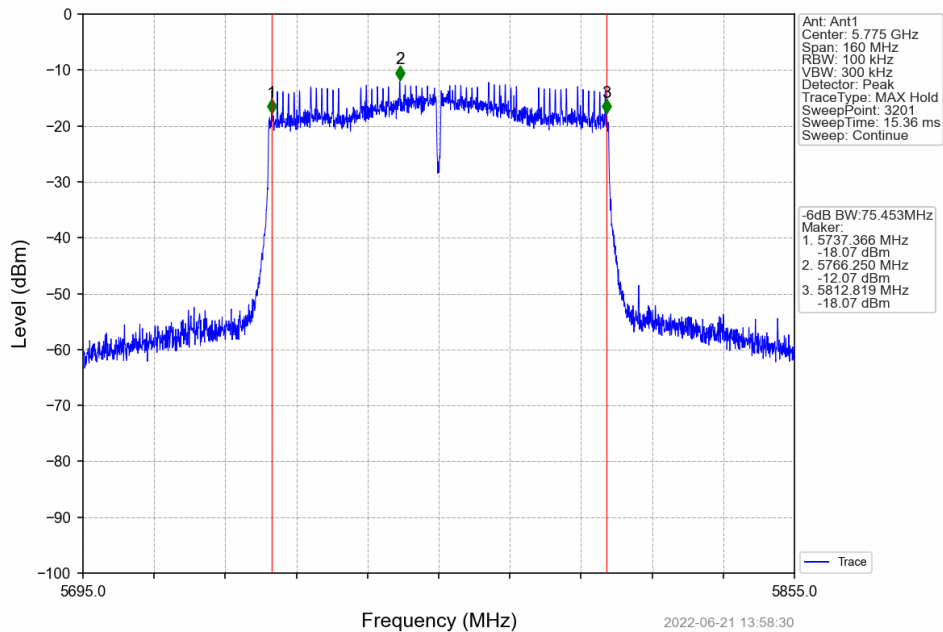
## 802.11ac(VHT40)\_LCH\_5755MHz\_Ant1\_NTNV



### 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	21.863	Pass
		5200	1	22.084	Pass
		5240	1	21.909	Pass
		5260	1	21.933	Pass
		5300	1	22.057	Pass
		5320	1	21.953	Pass
		5500	1	21.835	Pass
		5580	1	21.757	Pass
		5700	1	21.745	Pass
802.11n (HT20)	SISO	5180	1	21.678	Pass
		5200	1	21.873	Pass
		5240	1	21.714	Pass
		5260	1	21.565	Pass
		5300	1	21.783	Pass
		5320	1	21.983	Pass
		5500	1	21.595	Pass
		5580	1	21.718	Pass
		5700	1	21.522	Pass
802.11n (HT40)	SISO	5190	1	40.470	Pass
		5230	1	40.718	Pass
		5270	1	40.645	Pass
		5310	1	40.978	Pass
		5510	1	41.004	Pass
		5550	1	40.700	Pass
		5670	1	40.896	Pass
802.11ac (VHT20)	SISO	5180	1	22.046	Pass
		5200	1	21.905	Pass
		5240	1	21.530	Pass
		5260	1	21.833	Pass
		5300	1	21.891	Pass
		5320	1	21.573	Pass
		5500	1	21.747	Pass
		5580	1	22.003	Pass
		5700	1	21.961	Pass



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802.11ac (VHT40)	SISO	5190	1	40.930	Pass
		5230	1	40.917	Pass
		5270	1	40.827	Pass
		5310	1	40.872	Pass
		5510	1	40.977	Pass
		5550	1	41.001	Pass
		5670	1	40.517	Pass
802.11ac (VHT80)	SISO	5210	1	83.620	Pass
		5290	1	82.794	Pass
		5530	1	83.201	Pass
		5610	1	83.158	Pass

## 2.3.2 Test Graph

