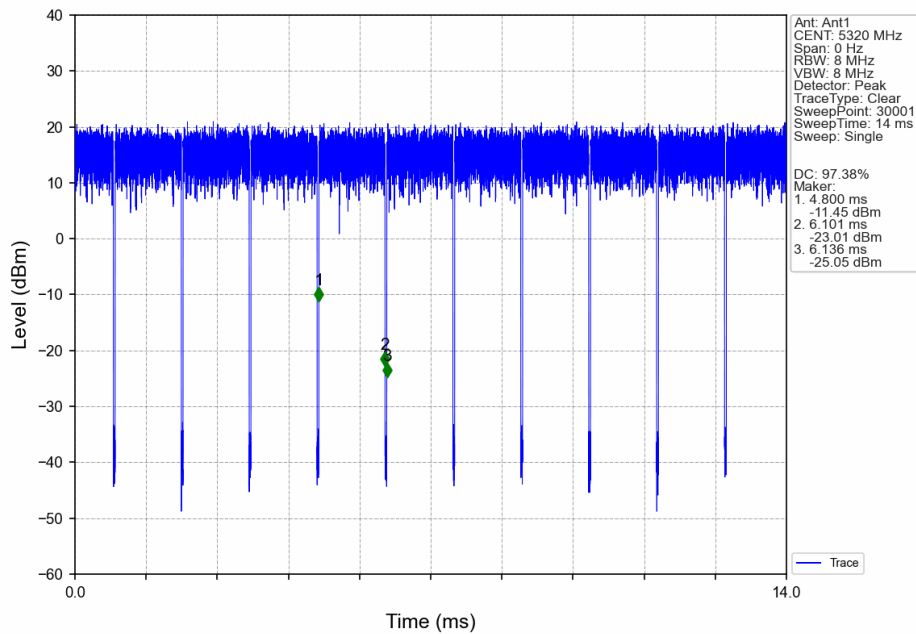
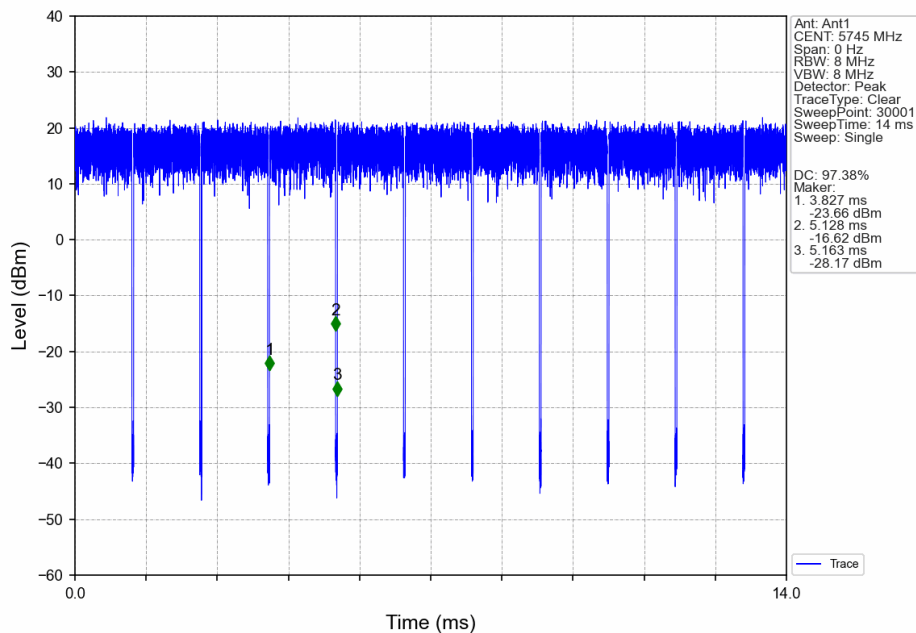


### 802.11n(HT20)\_HCH\_5320MHz\_Ant1\_NTNV



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



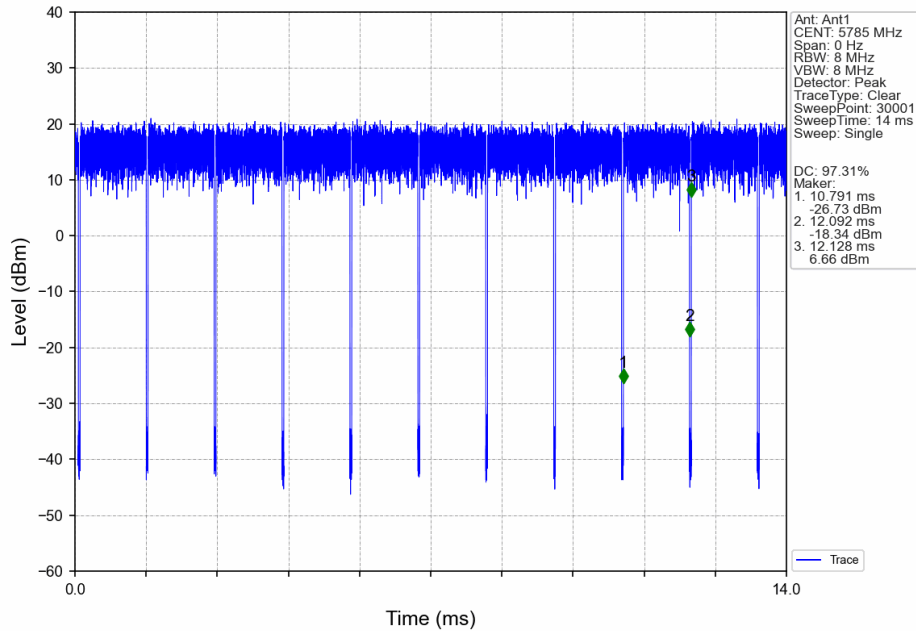
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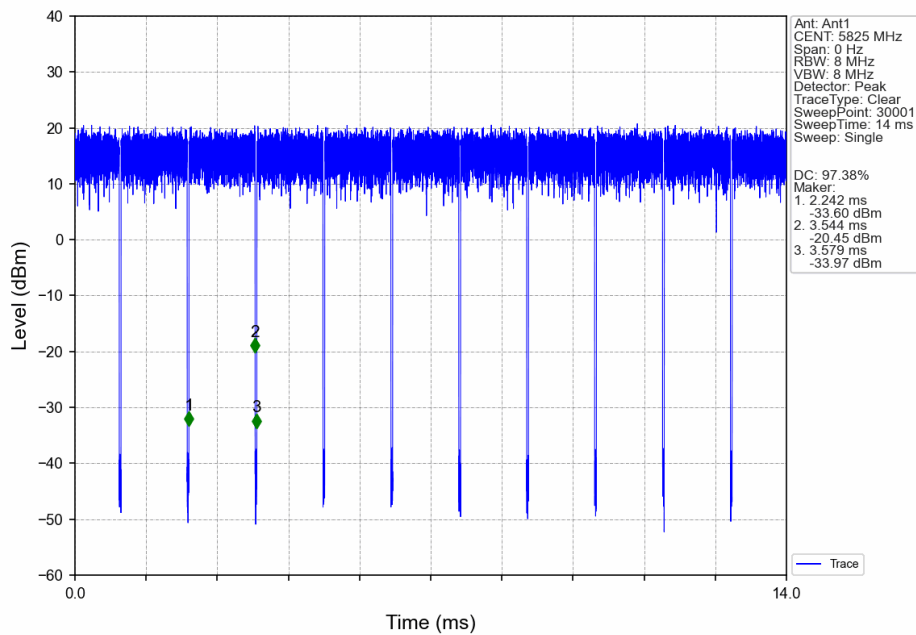
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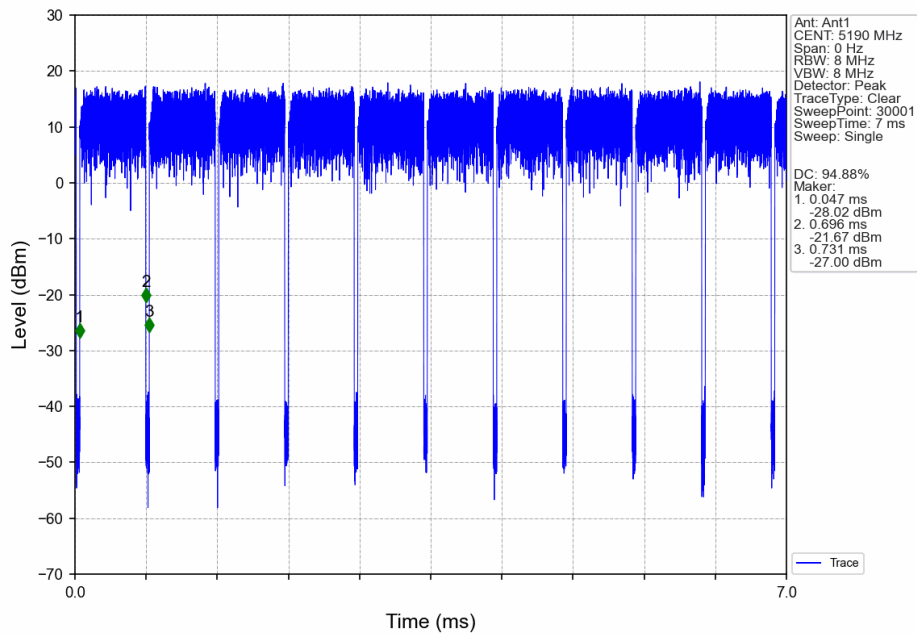
802.11n(HT20)\_MCH\_5785MHz\_Ant1\_NTNV



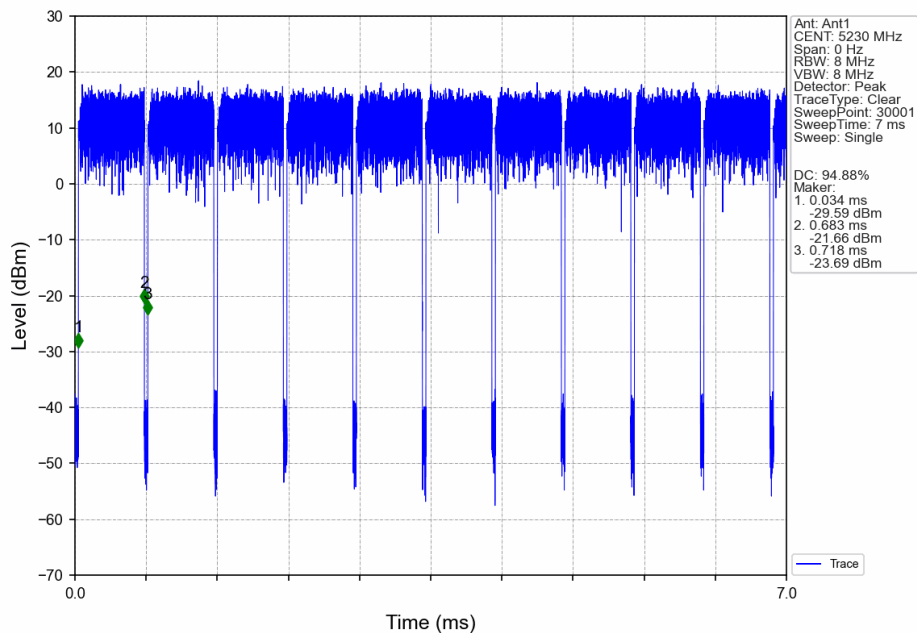
802.11n(HT20)\_HCH\_5825MHz\_Ant1\_NTNV



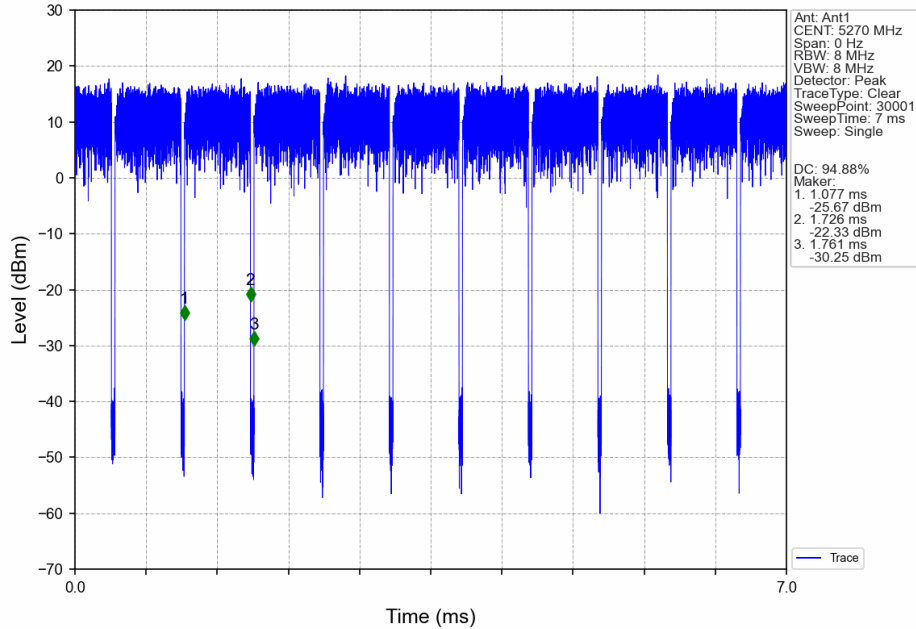
### 802.11n(HT40)\_LCH\_5190MHz\_Ant1\_NTNV



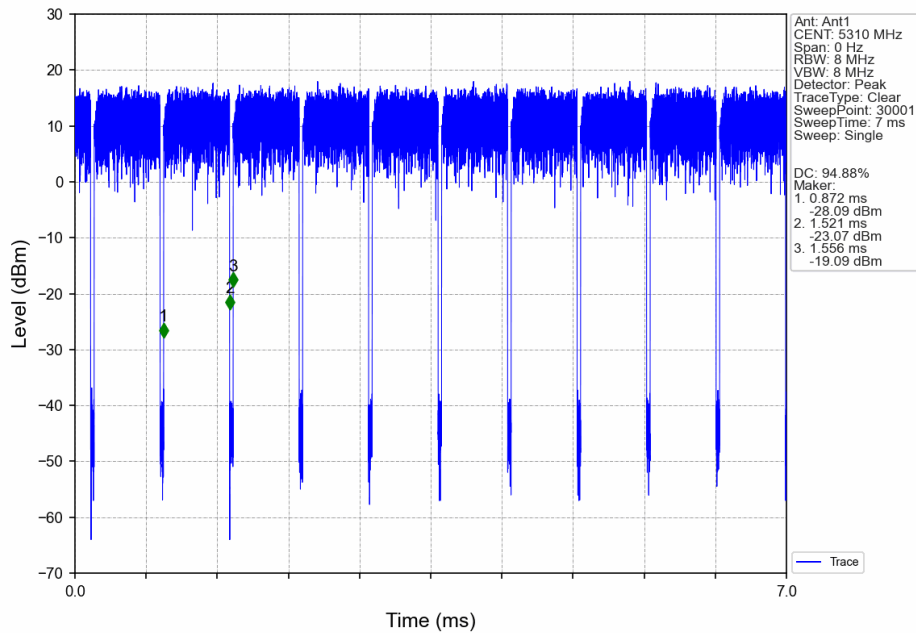
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### 802.11n(HT40)\_LCH\_5270MHz\_Ant1\_NTNV

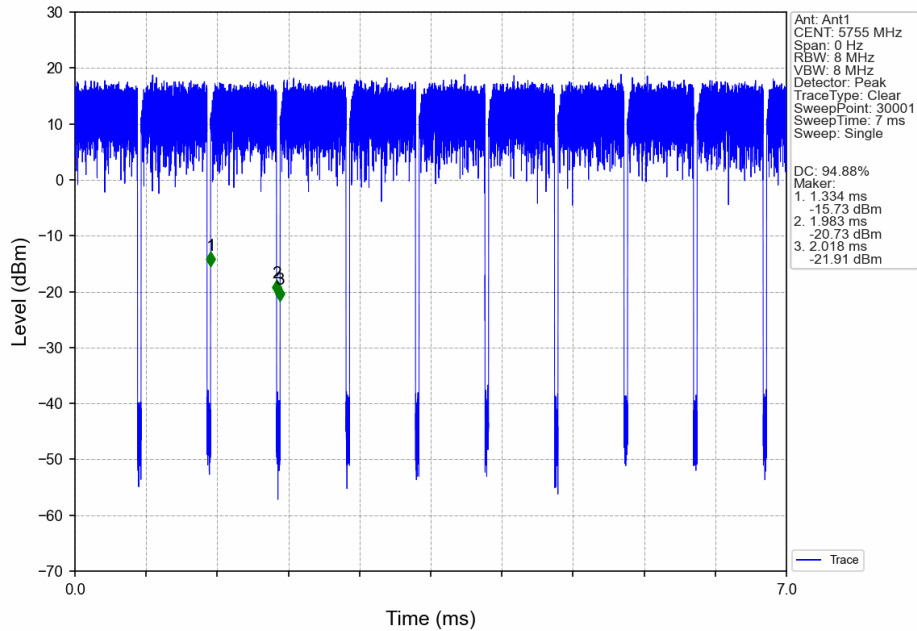


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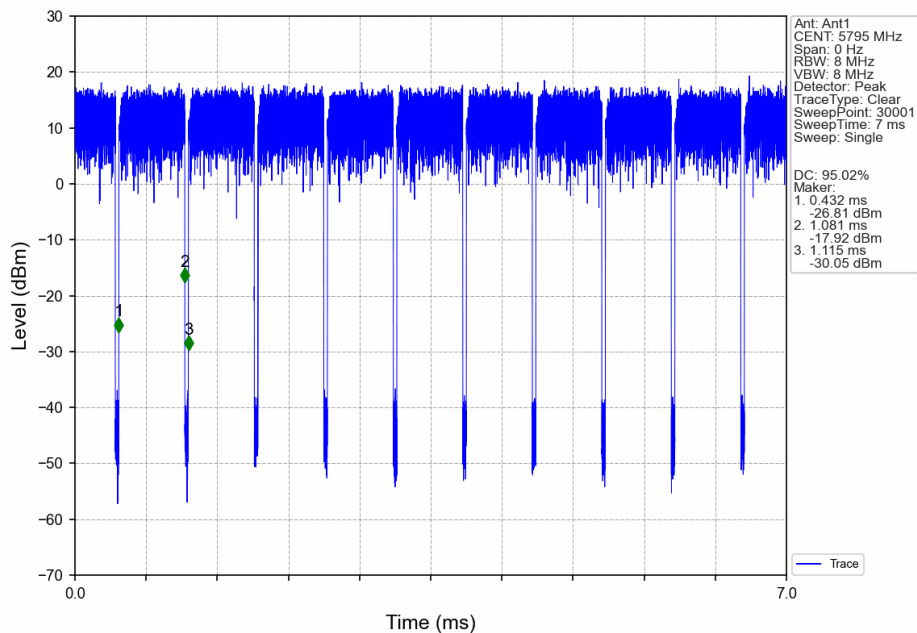




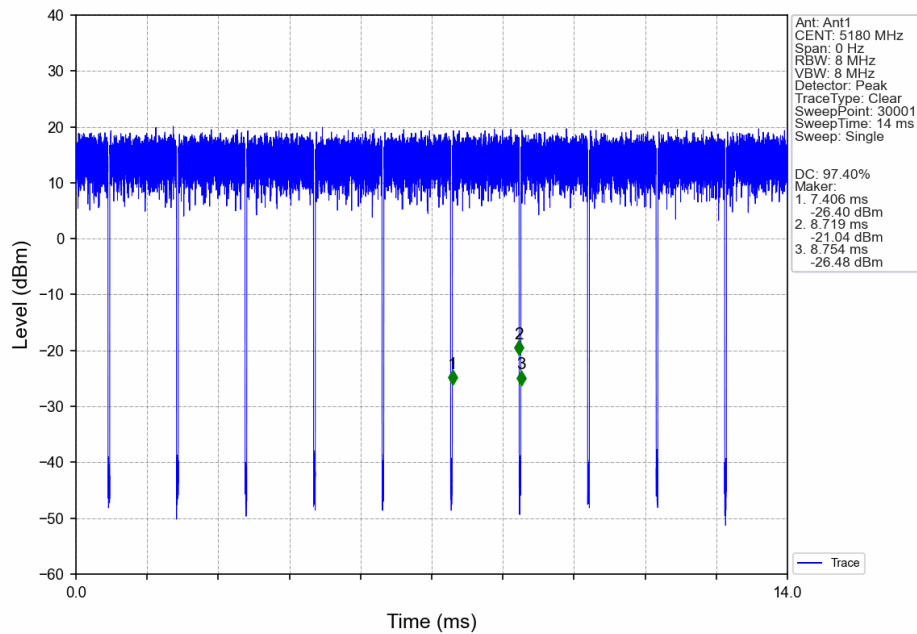
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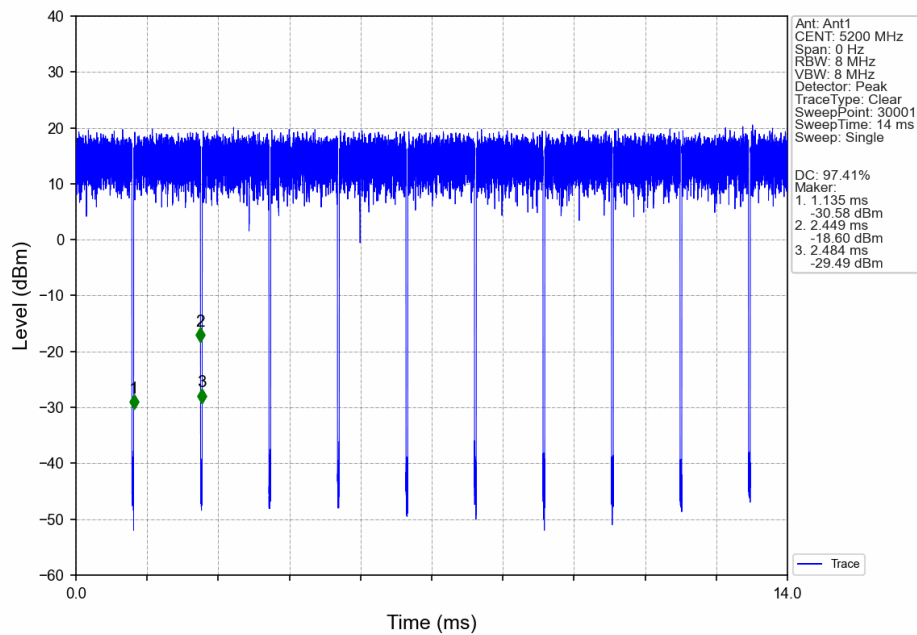
### 802.11n(HT40)\_HCH\_5795MHz\_Ant1\_NTNV



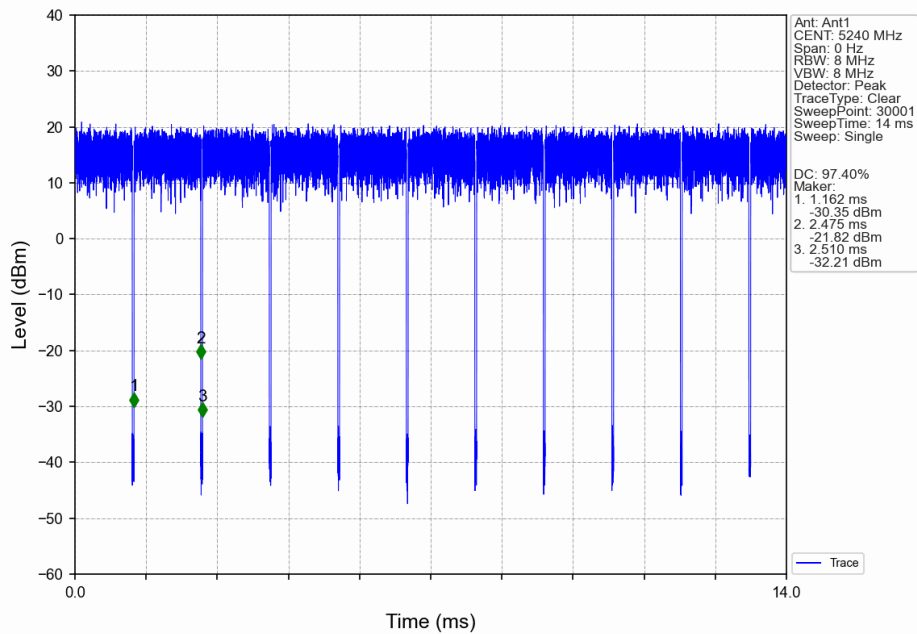
802.11ac(VHT20)\_LCH\_5180MHz\_Ant1\_NTNV



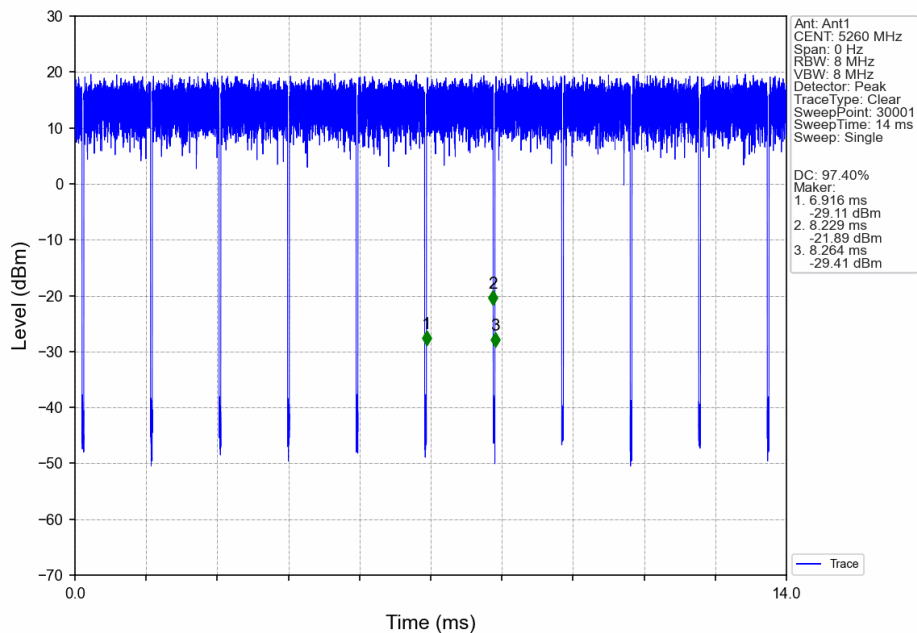
802.11ac(VHT20)\_MCH\_5200MHz\_Ant1\_NTNV



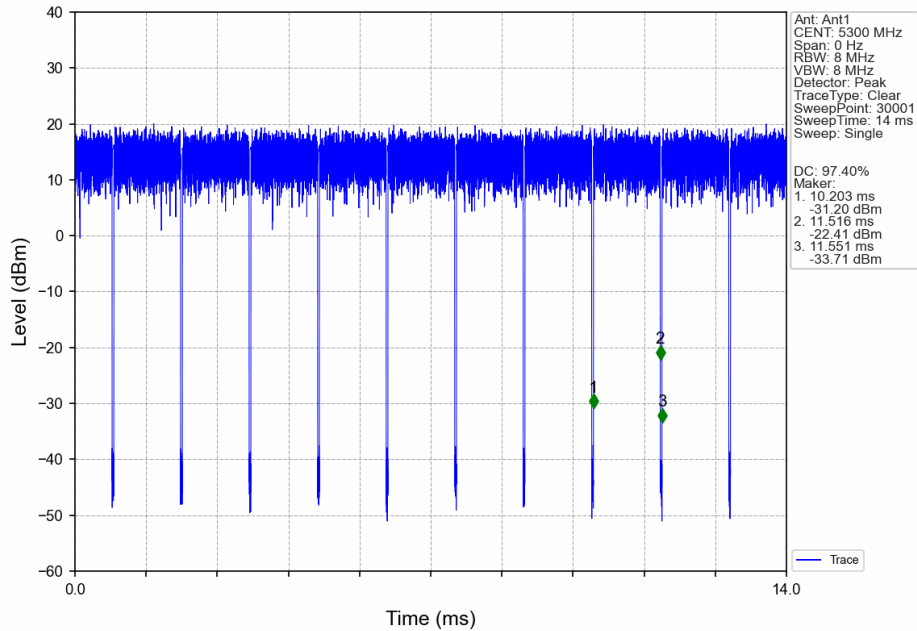
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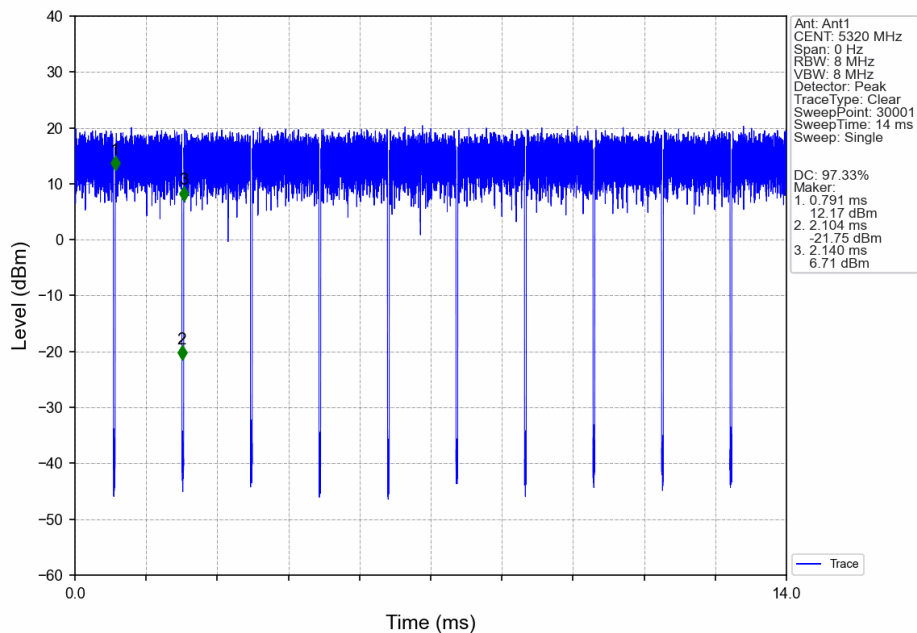
### 802.11ac(VHT20)\_LCH\_5260MHz\_Ant1\_NTNV



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



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



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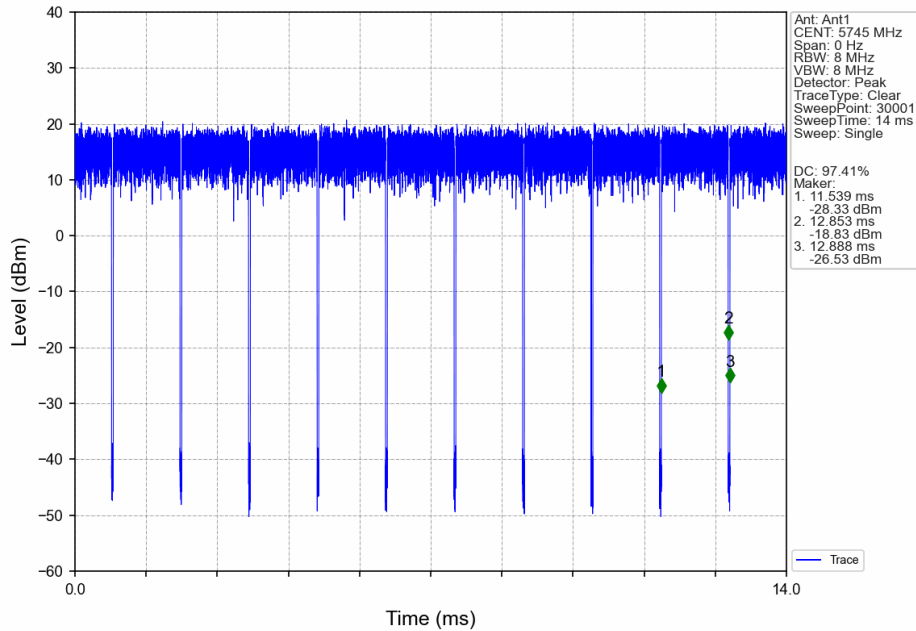
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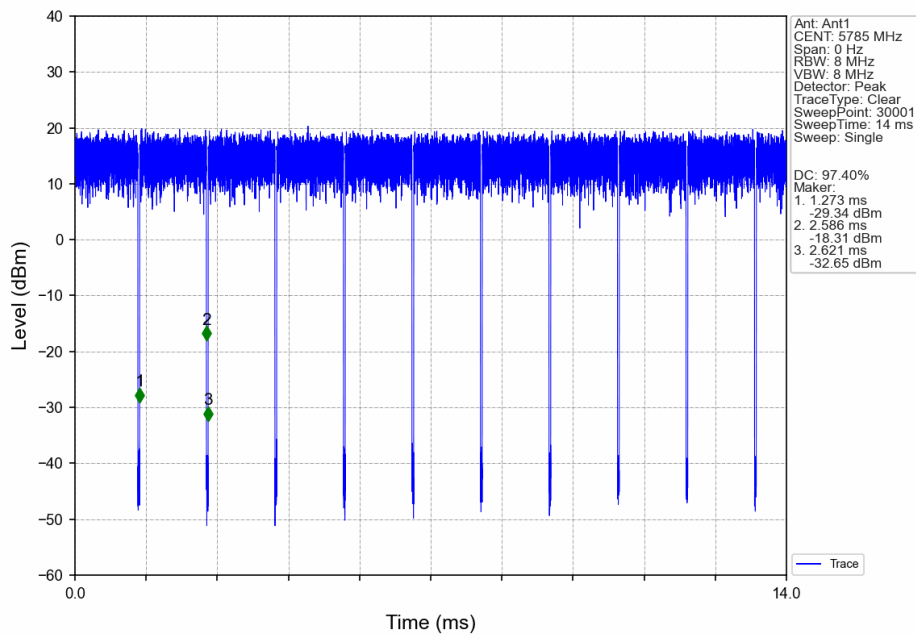
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802.11ac(VHT20)\_LCH\_5745MHz\_Ant1\_NTNV



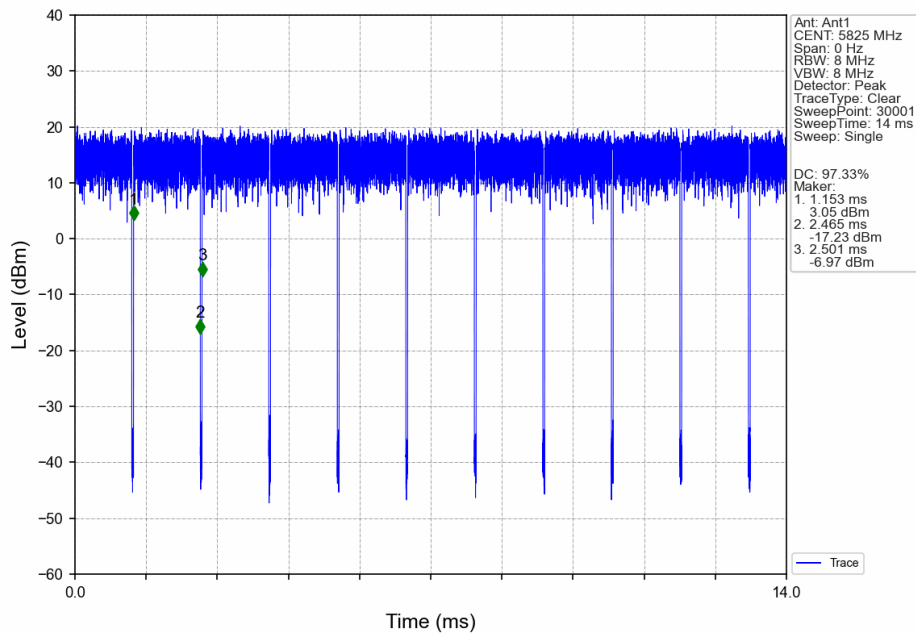
802.11ac(VHT20)\_MCH\_5785MHz\_Ant1\_NTNV



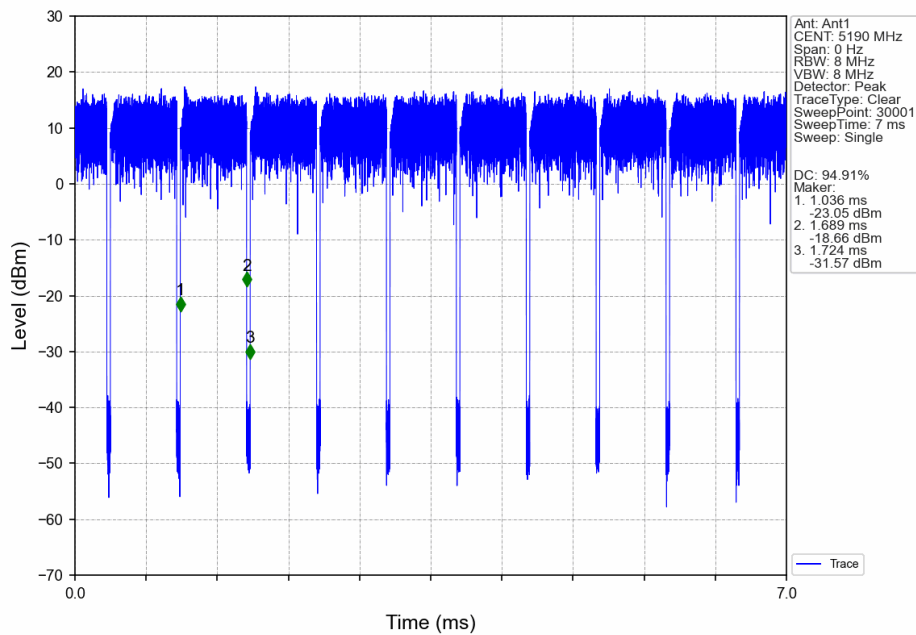
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802.11ac(VHT20)\_HCH\_5825MHz\_Ant1\_NTNV



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



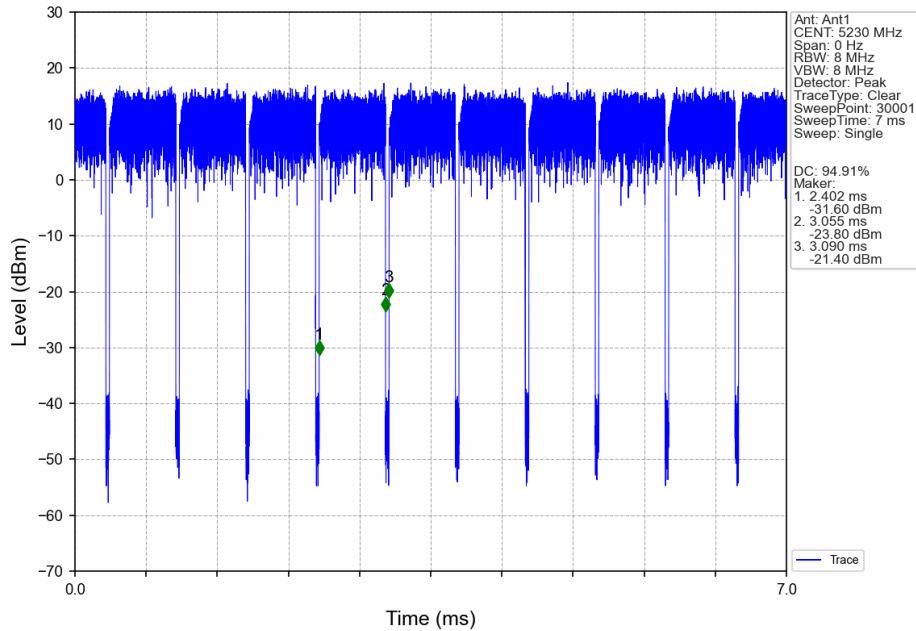
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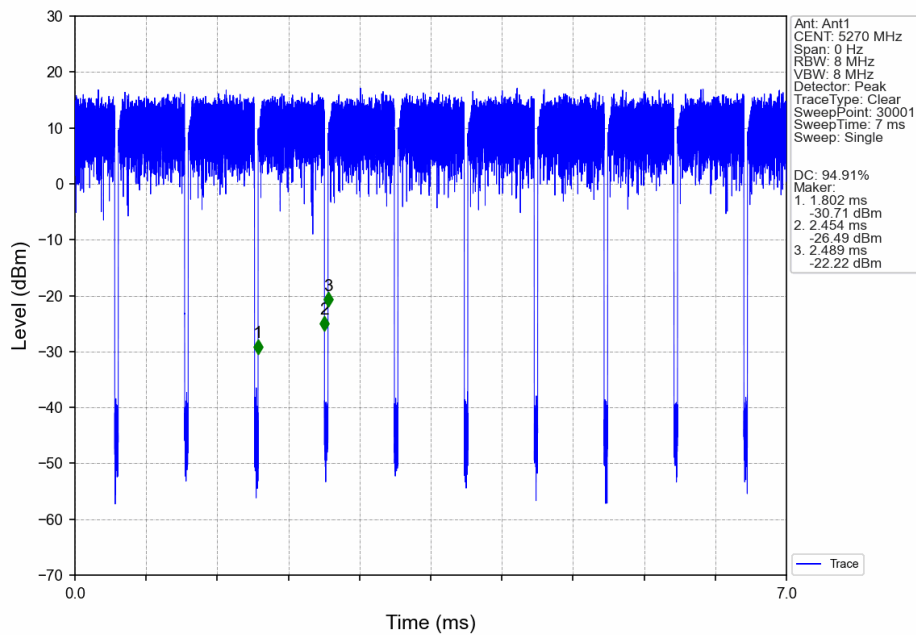
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802.11ac(VHT40)\_HCH\_5230MHz\_Ant1\_NTNV



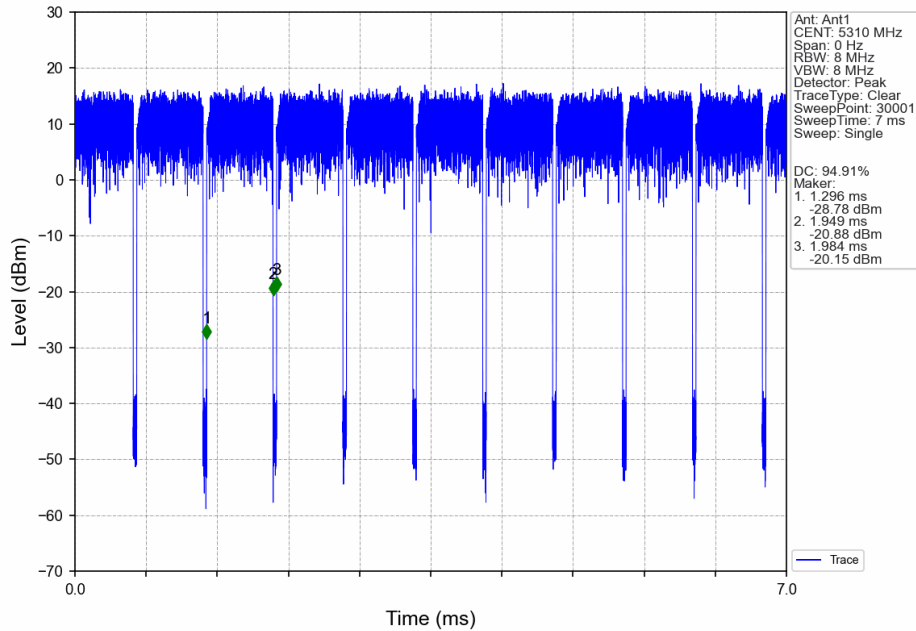
802.11ac(VHT40)\_LCH\_5270MHz\_Ant1\_NTNV



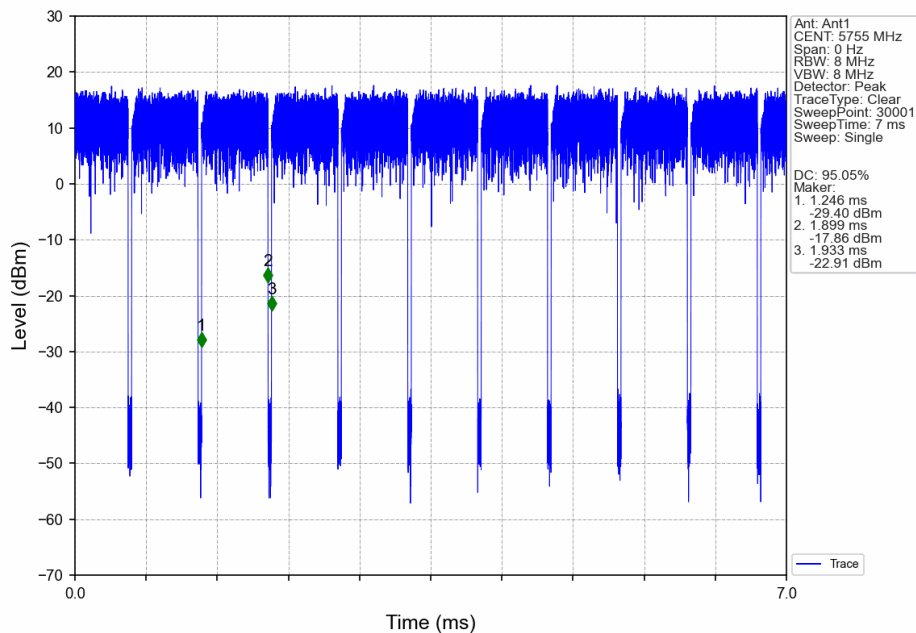
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### 802.11ac(VHT40)\_HCH\_5310MHz\_Ant1\_NTNV

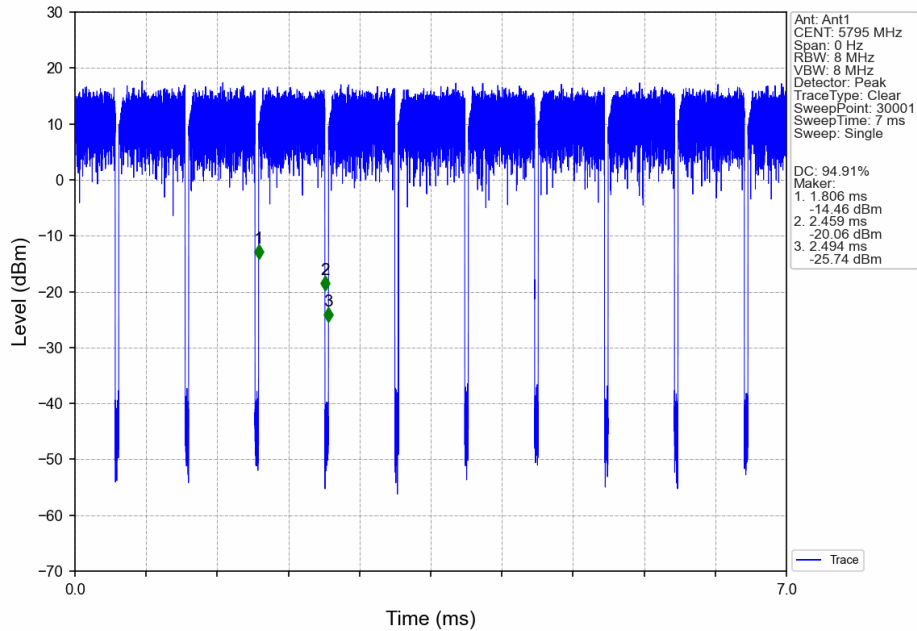


### 802.11ac(VHT40)\_LCH\_5755MHz\_Ant1\_NTNV

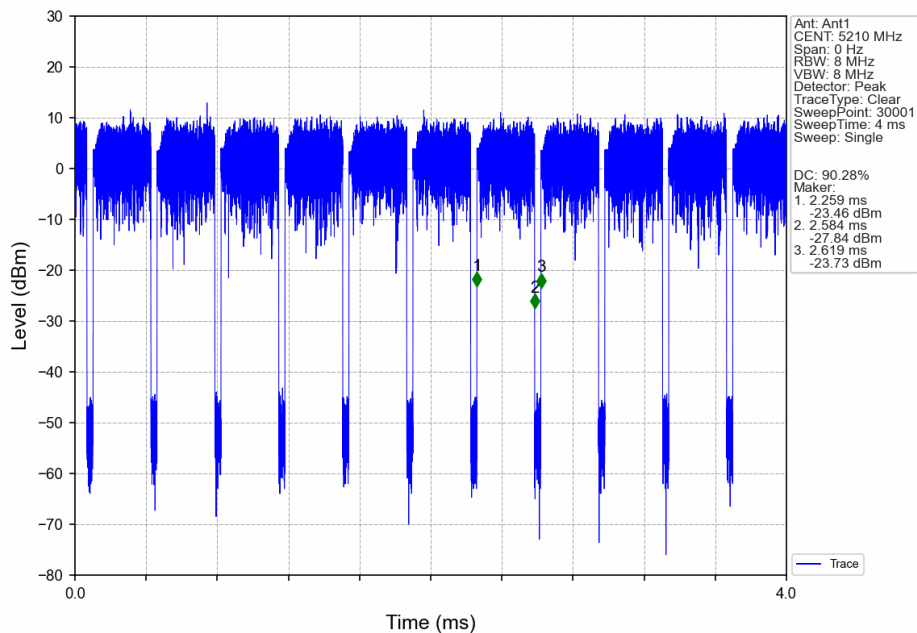




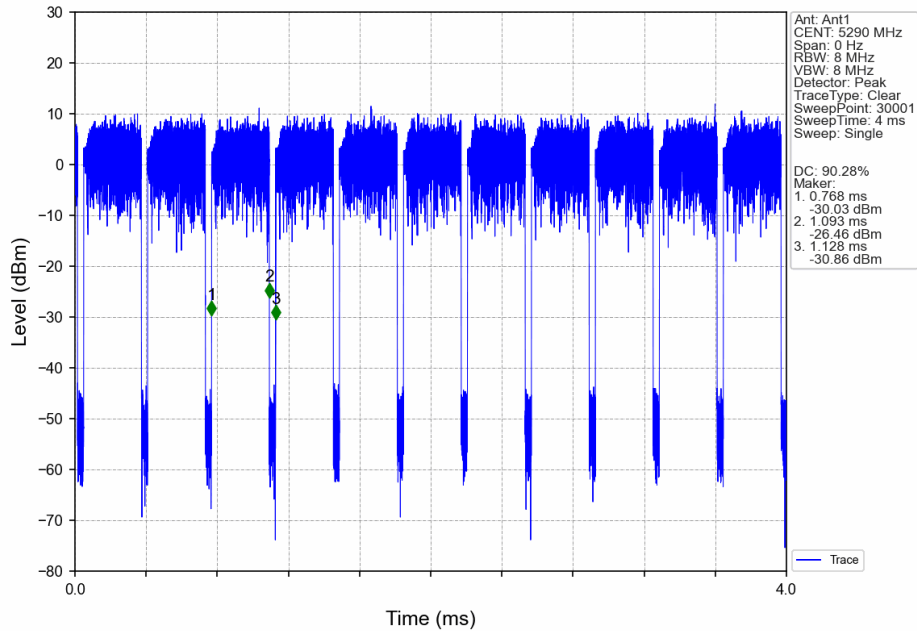
### 802.11ac(VHT40)\_HCH\_5795MHz\_Ant1\_NTNV



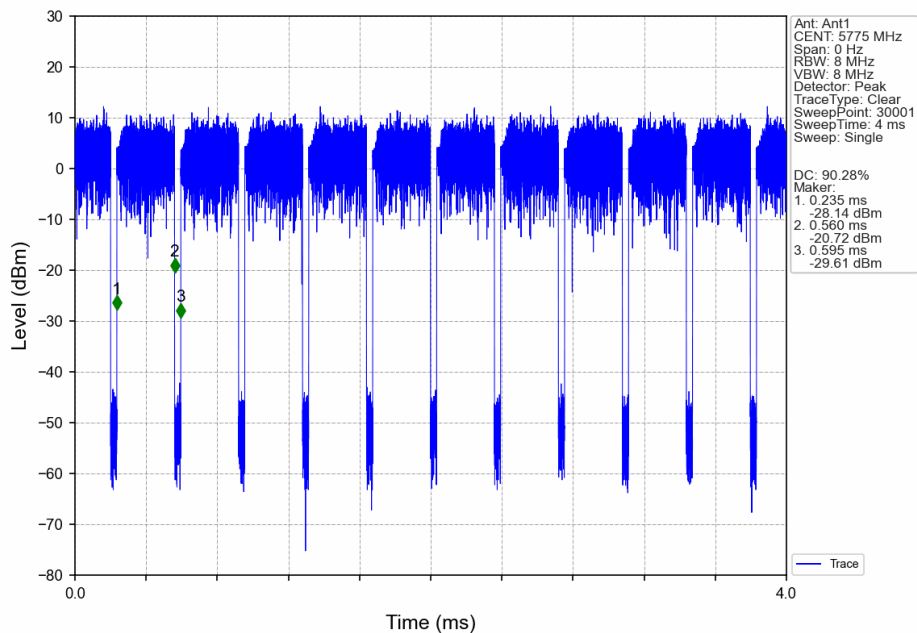
### 802.11ac(VHT80)\_MCH\_5210MHz\_Ant1\_NTNV



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



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



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## 2. Bandwidth

### 2.1 Test Result

#### 2.1.1 OBW

Mode	TX Type	Frequency (MHz)	ANT	99% Occupied Bandwidth (MHz)		Verdict
				Result	Limit	
802.11a	SISO	5180	1	17.779	/	Pass
		5200	1	17.382	/	Pass
		5240	1	17.553	/	Pass
		5260	1	17.565	/	Pass
		5300	1	17.754	/	Pass
		5320	1	17.835	/	Pass
		5745	1	19.042	/	Pass
		5785	1	18.616	/	Pass
		5825	1	18.172	/	Pass
802.11n (HT20)	SISO	5180	1	18.369	/	Pass
		5200	1	18.438	/	Pass
		5240	1	18.387	/	Pass
		5260	1	18.356	/	Pass
		5300	1	18.378	/	Pass
		5320	1	18.271	/	Pass
		5745	1	19.075	/	Pass
		5785	1	18.795	/	Pass
		5825	1	18.580	/	Pass
802.11n (HT40)	SISO	5190	1	36.977	/	Pass
		5230	1	36.913	/	Pass
		5270	1	36.862	/	Pass
		5310	1	36.999	/	Pass
		5755	1	37.358	/	Pass
		5795	1	37.425	/	Pass
802.11ac (VHT20)	SISO	5180	1	18.116	/	Pass
		5200	1	18.162	/	Pass
		5240	1	18.191	/	Pass
		5260	1	18.034	/	Pass
		5300	1	18.001	/	Pass
		5320	1	18.021	/	Pass
		5745	1	18.526	/	Pass
		5785	1	18.400	/	Pass

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		5825	1	18.257	/	Pass
802.11ac (VHT40)	SISO	5190	1	36.547	/	Pass
		5230	1	36.457	/	Pass
		5270	1	36.405	/	Pass
		5310	1	36.508	/	Pass
		5755	1	36.840	/	Pass
		5795	1	36.841	/	Pass
802.11ac (VHT80)	SISO	5210	1	76.129	/	Pass
		5290	1	76.162	/	Pass
		5775	1	76.184	/	Pass

## 2.1.2 6dB BW

Mode	TX Type	Frequency (MHz)	ANT	6dB Bandwidth (MHz)		Verdict
				Result	Limit	
802.11a	SISO	5745	1	15.135	$\geq 0.5$	Pass
		5785	1	15.145	$\geq 0.5$	Pass
		5825	1	15.119	$\geq 0.5$	Pass
802.11n (HT20)	SISO	5745	1	15.133	$\geq 0.5$	Pass
		5785	1	15.136	$\geq 0.5$	Pass
		5825	1	15.148	$\geq 0.5$	Pass
802.11n (HT40)	SISO	5755	1	35.074	$\geq 0.5$	Pass
		5795	1	35.063	$\geq 0.5$	Pass
802.11ac (VHT20)	SISO	5745	1	15.114	$\geq 0.5$	Pass
		5785	1	15.140	$\geq 0.5$	Pass
		5825	1	15.109	$\geq 0.5$	Pass
802.11ac (VHT40)	SISO	5755	1	35.071	$\geq 0.5$	Pass
		5795	1	35.087	$\geq 0.5$	Pass
802.11ac (VHT80)	SISO	5775	1	75.710	$\geq 0.5$	Pass

## 2.1.3 26dB BW

Mode	TX Type	Frequency (MHz)	ANT	26dB Bandwidth (MHz)		Verdict
				Result	Limit	
802.11a	SISO	5180	1	25.905	/	Pass
		5200	1	20.335	/	Pass
		5240	1	19.922	/	Pass
		5260	1	20.278	/	Pass
		5300	1	21.753	/	Pass
		5320	1	21.150	/	Pass



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802.11n (HT20)	SISO	5180	1	22.857	/	Pass
		5200	1	23.642	/	Pass
		5240	1	20.597	/	Pass
		5260	1	20.587	/	Pass
		5300	1	20.613	/	Pass
		5320	1	19.996	/	Pass
802.11n (HT40)	SISO	5190	1	49.516	/	Pass
		5230	1	53.810	/	Pass
		5270	1	56.986	/	Pass
		5310	1	53.870	/	Pass
802.11ac (VHT20)	SISO	5180	1	20.399	/	Pass
		5200	1	20.436	/	Pass
		5240	1	20.342	/	Pass
		5260	1	20.033	/	Pass
		5300	1	19.915	/	Pass
		5320	1	19.968	/	Pass
802.11ac (VHT40)	SISO	5190	1	46.170	/	Pass
		5230	1	44.243	/	Pass
		5270	1	42.353	/	Pass
		5310	1	42.342	/	Pass
802.11ac (VHT80)	SISO	5210	1	81.755	/	Pass
		5290	1	83.606	/	Pass



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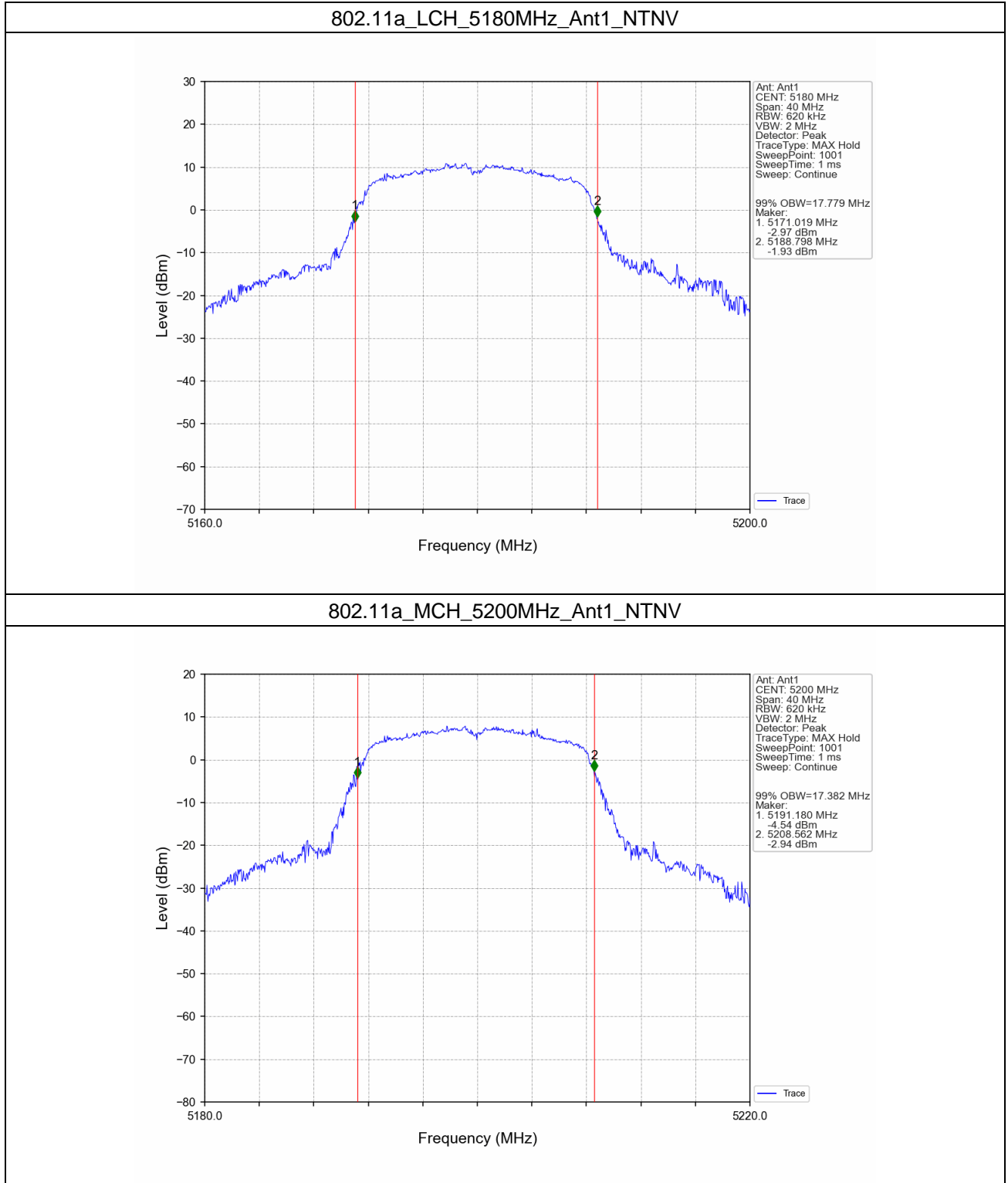
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### 2.2 Test Graph

#### 2.2.1 OBW



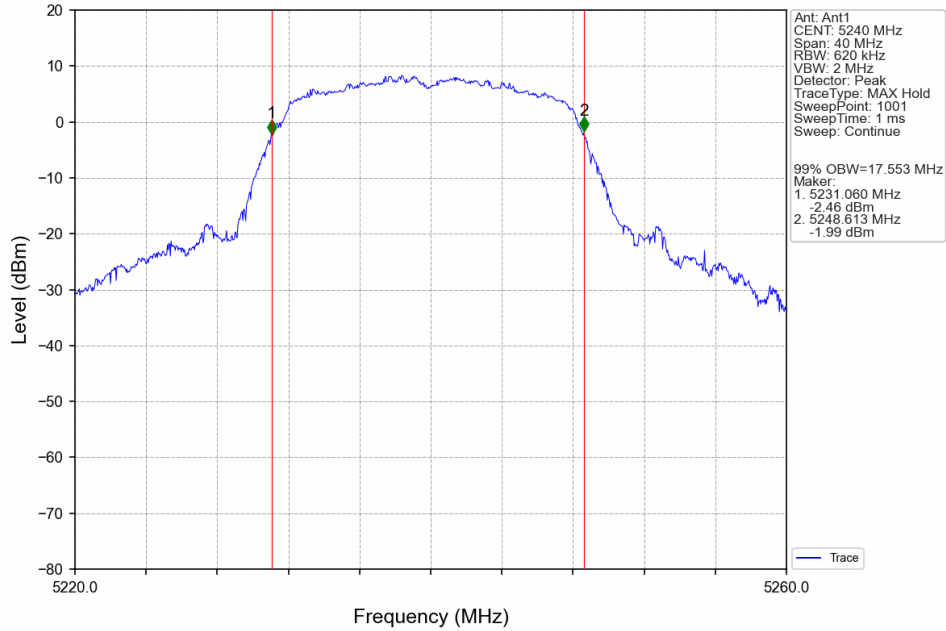
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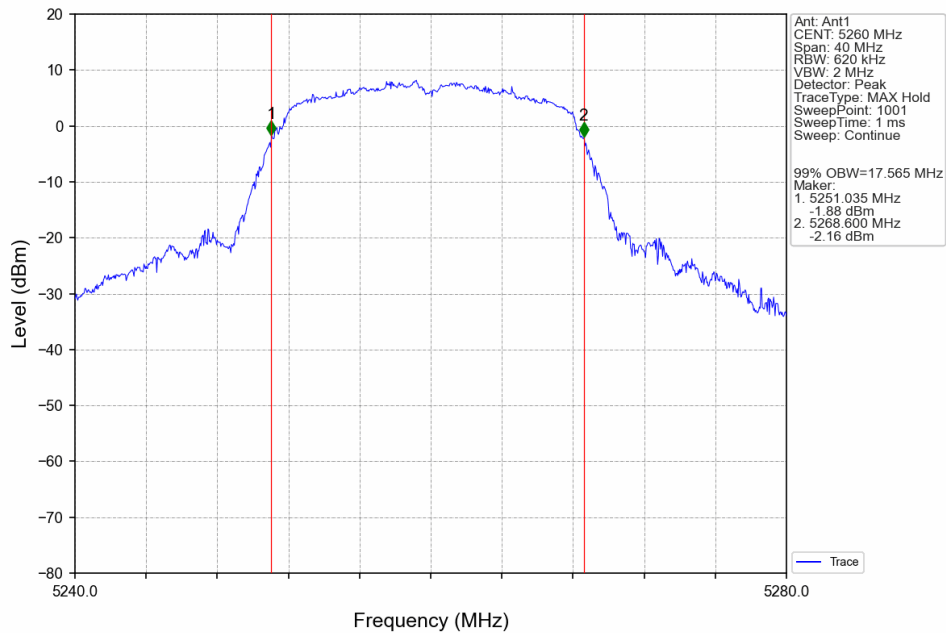
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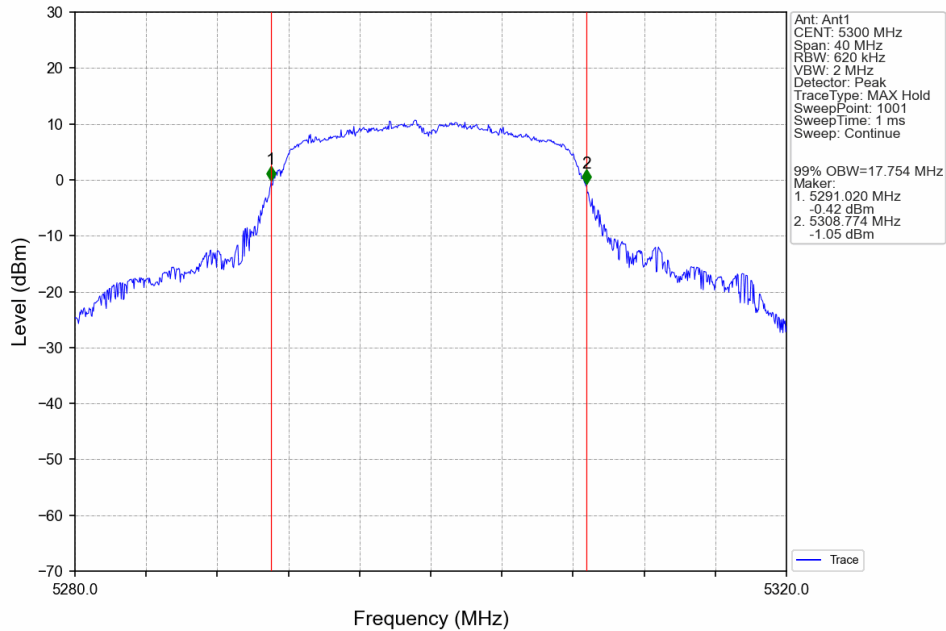
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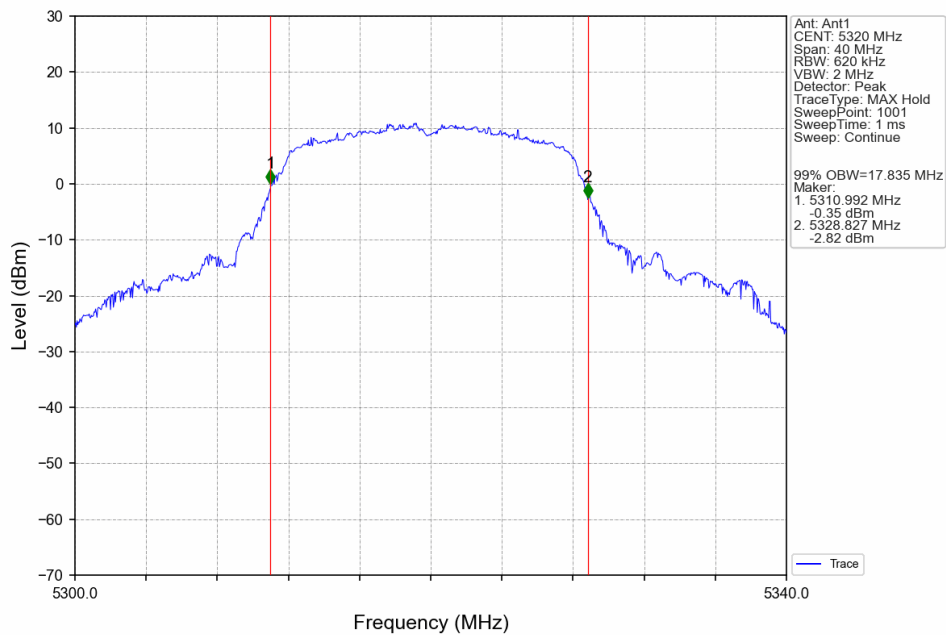
802.11a\_LCH\_5260MHz\_Ant1\_NTNV



802.11a\_MCH\_5300MHz\_Ant1\_NTNV



802.11a\_HCH\_5320MHz\_Ant1\_NTNV



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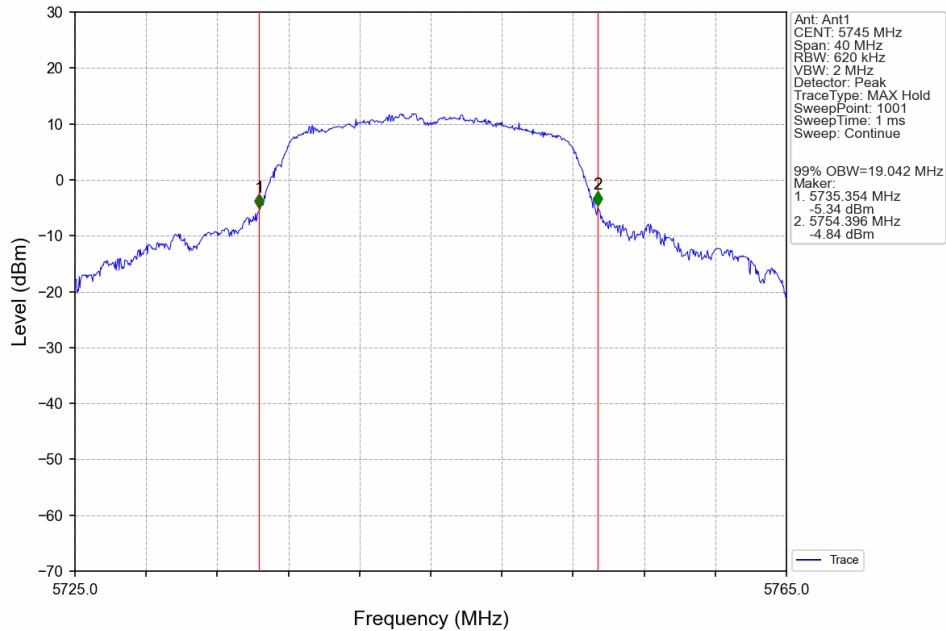
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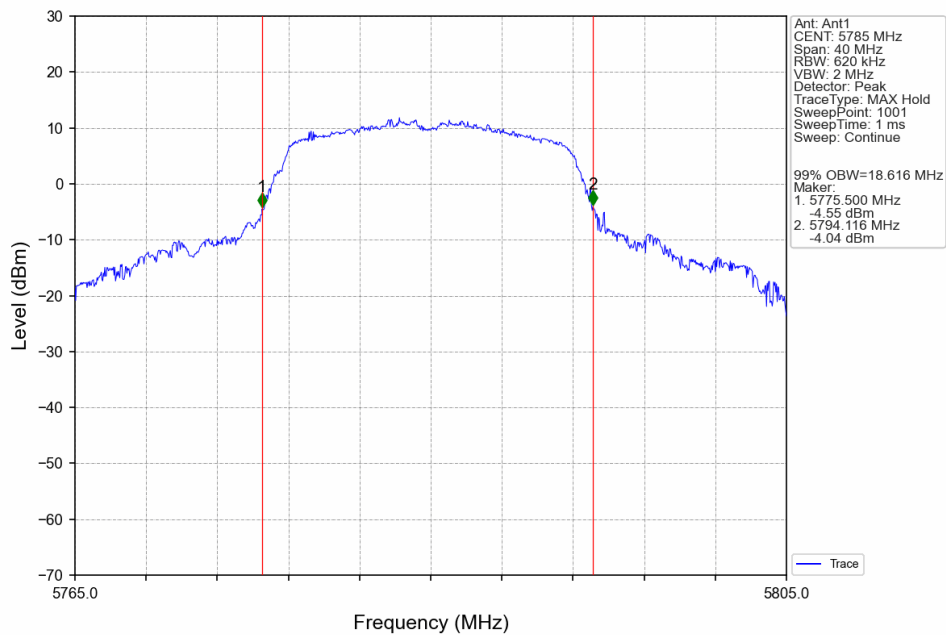
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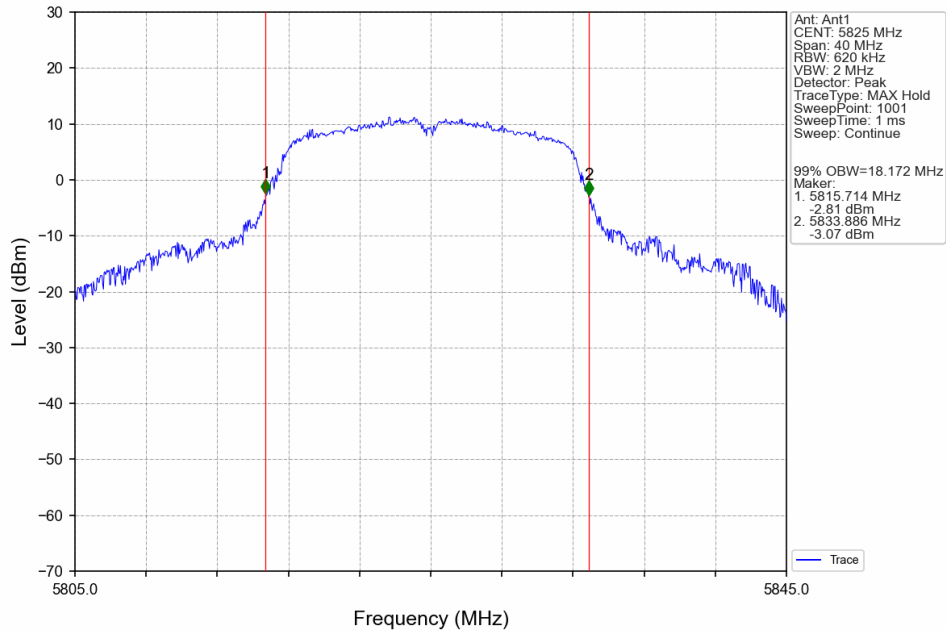
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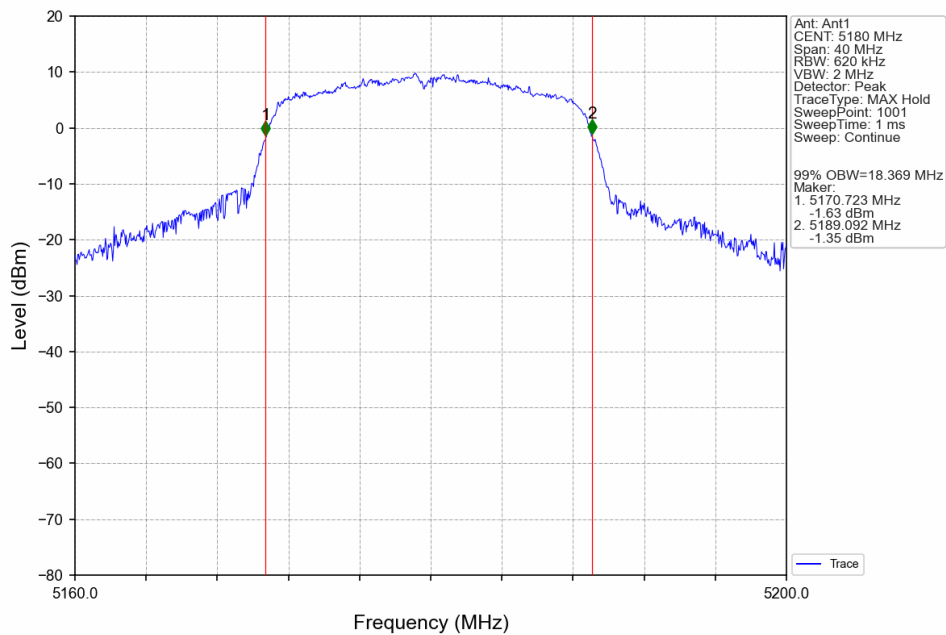
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802.11a\_HCH\_5825MHz\_Ant1\_NTNV



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



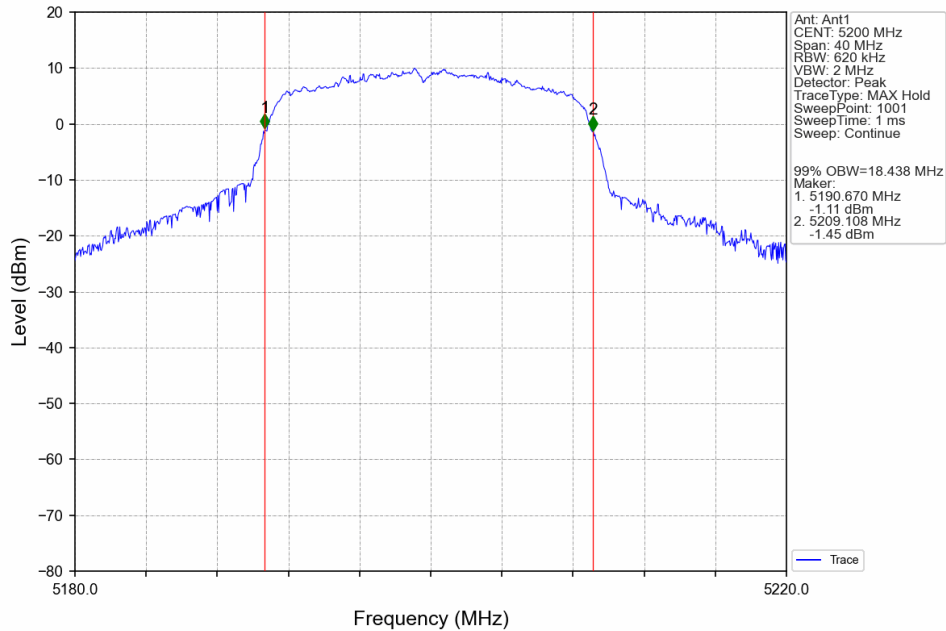
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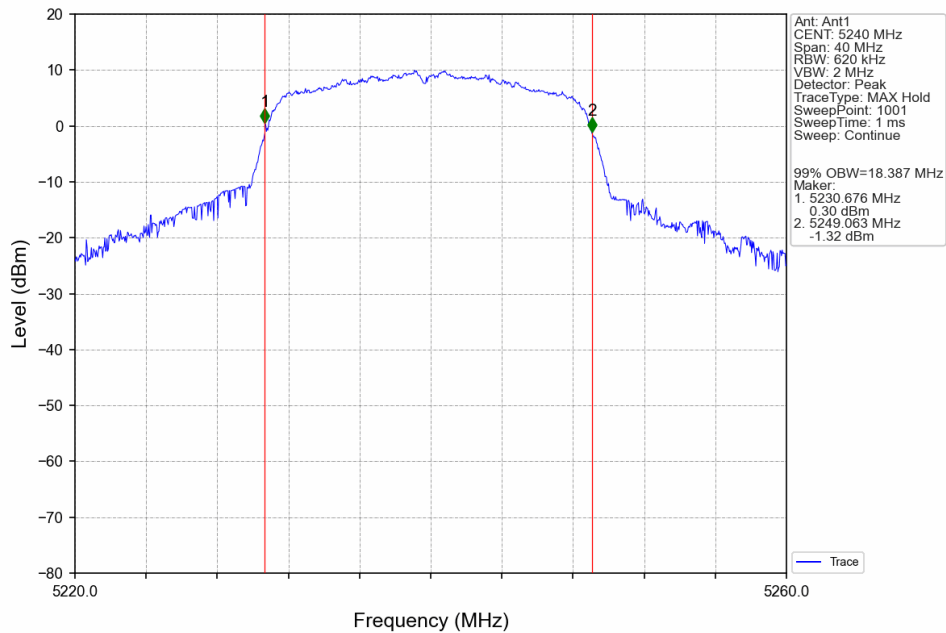
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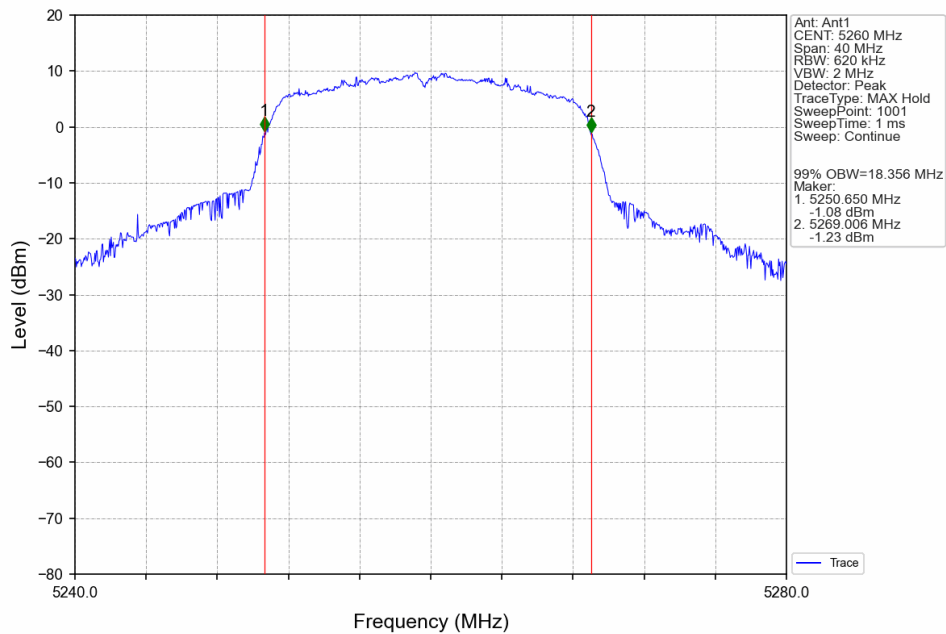
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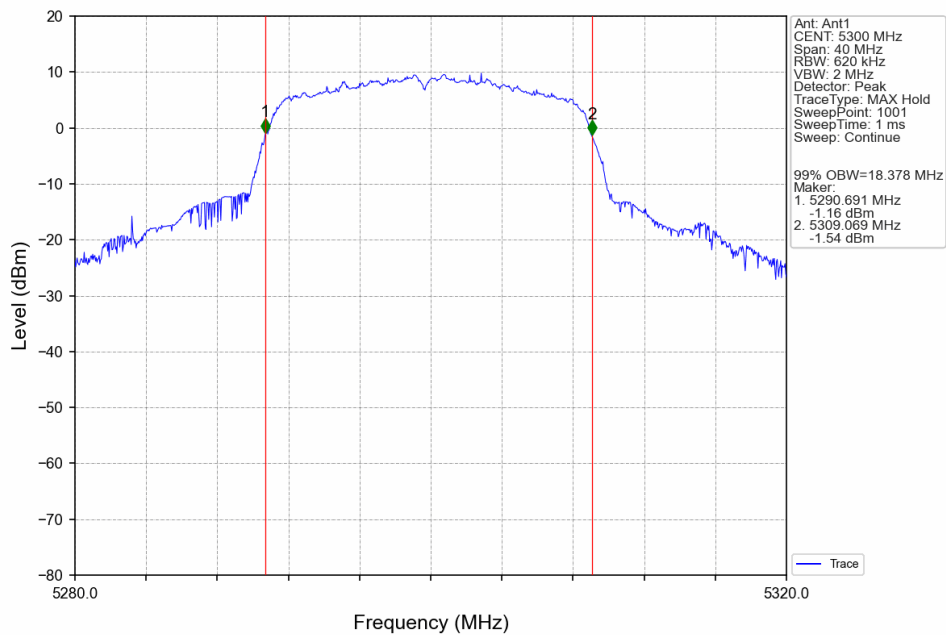
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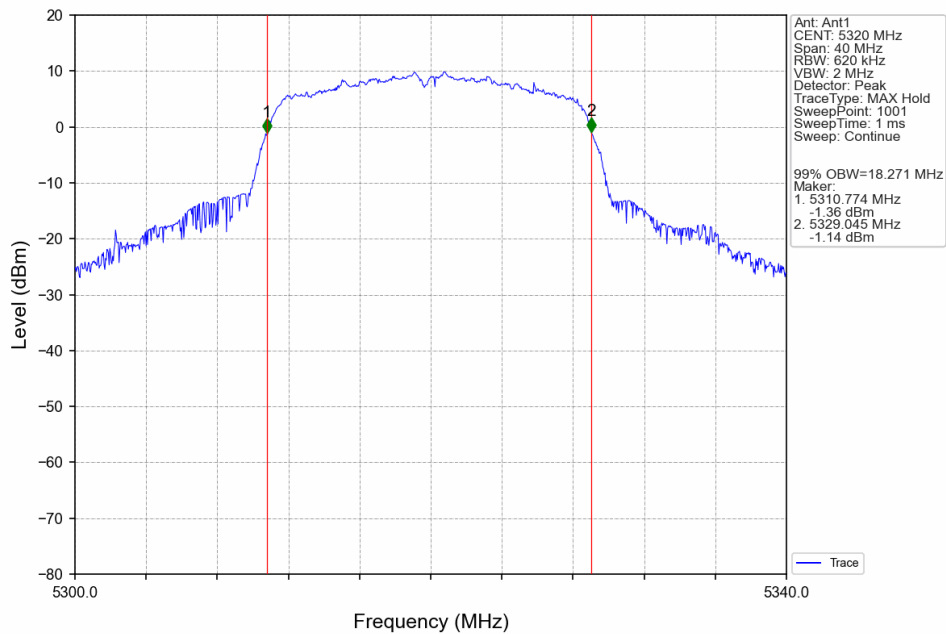


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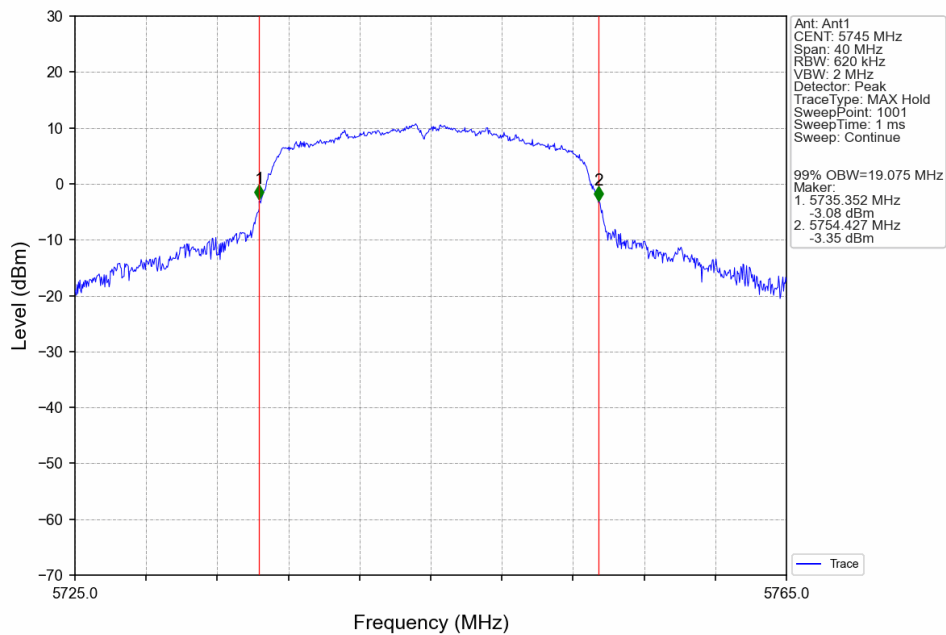




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802.11n(HT20)\_LCH\_5745MHz\_Ant1\_NTNV



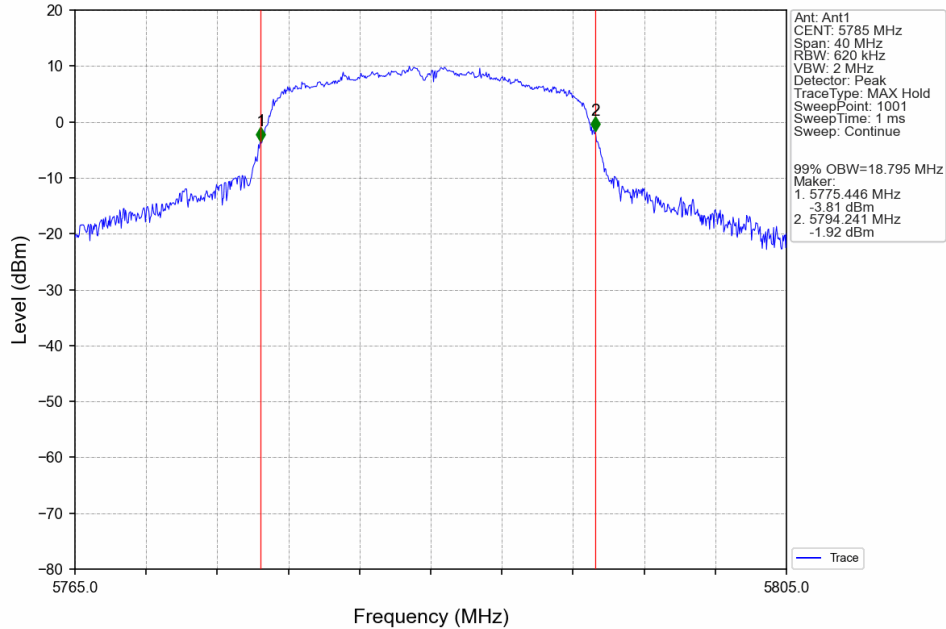
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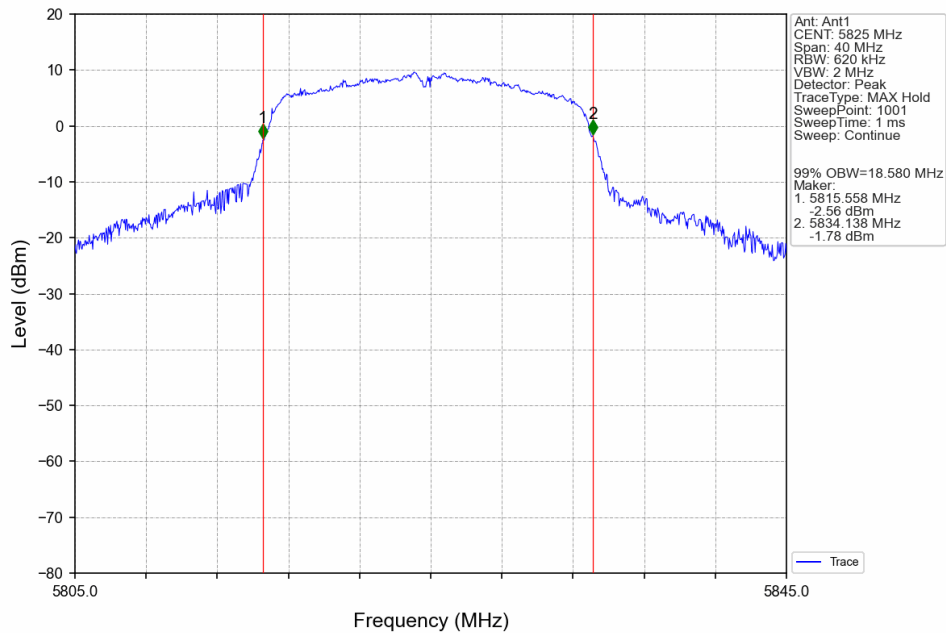
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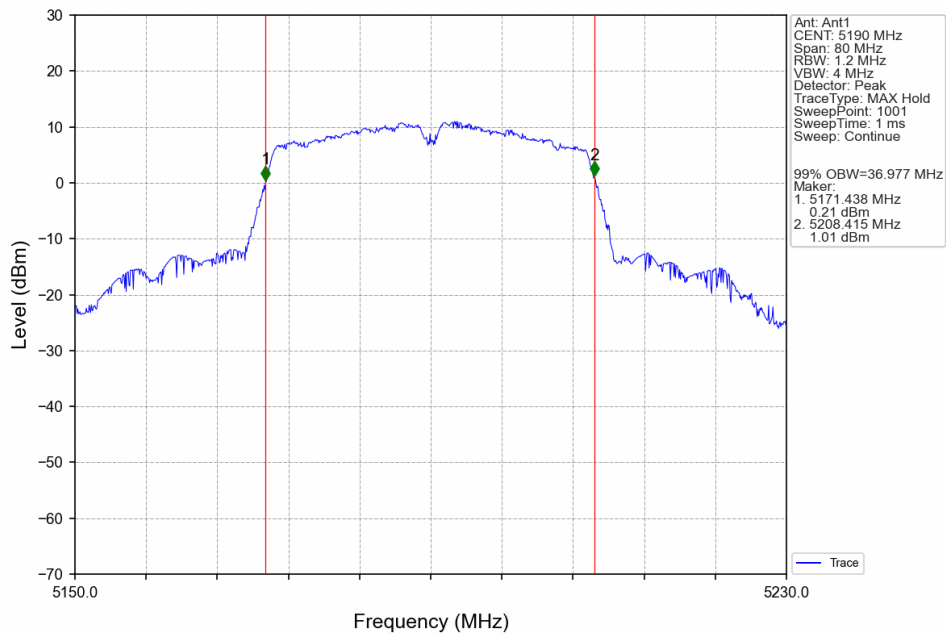
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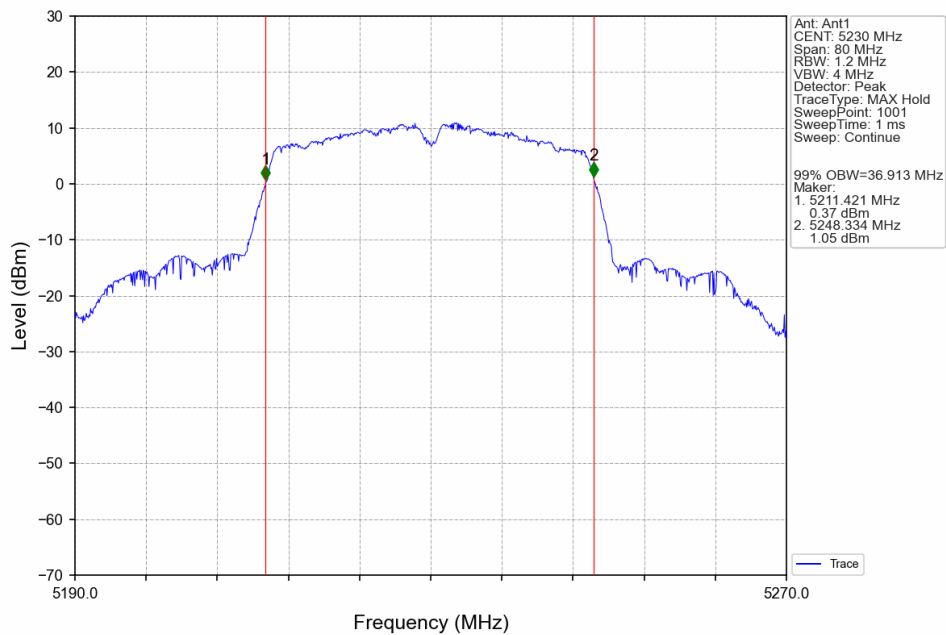
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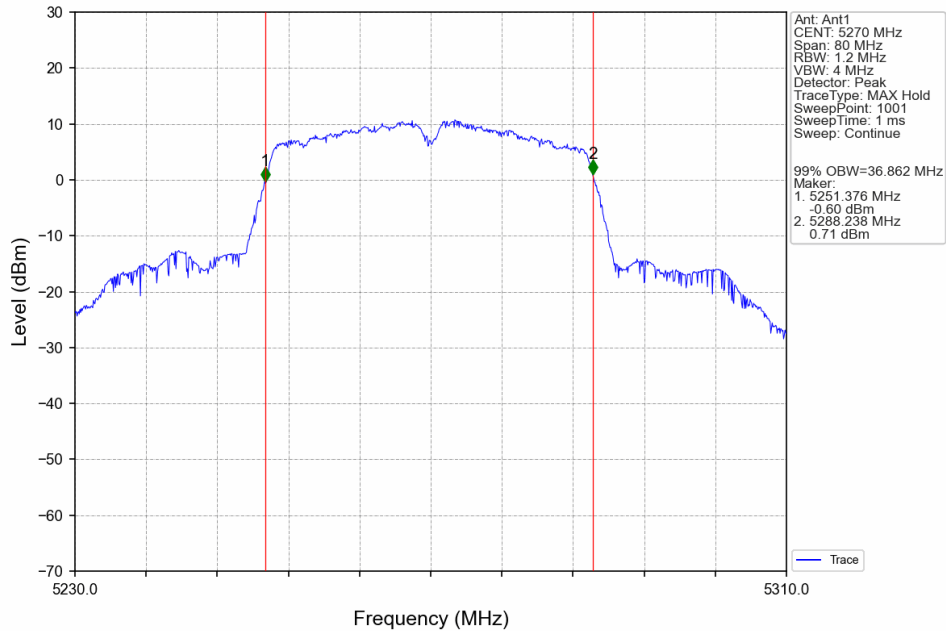
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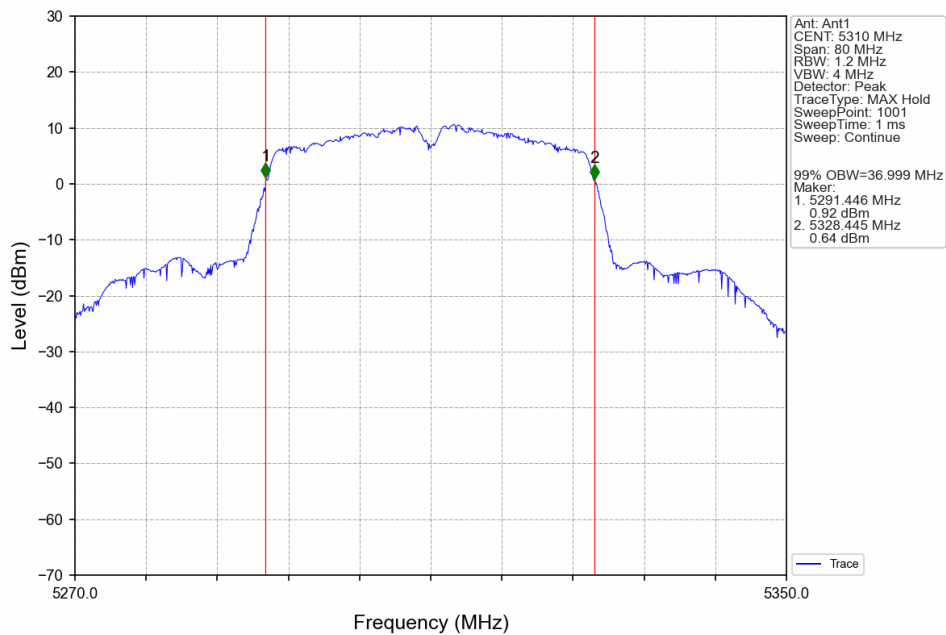
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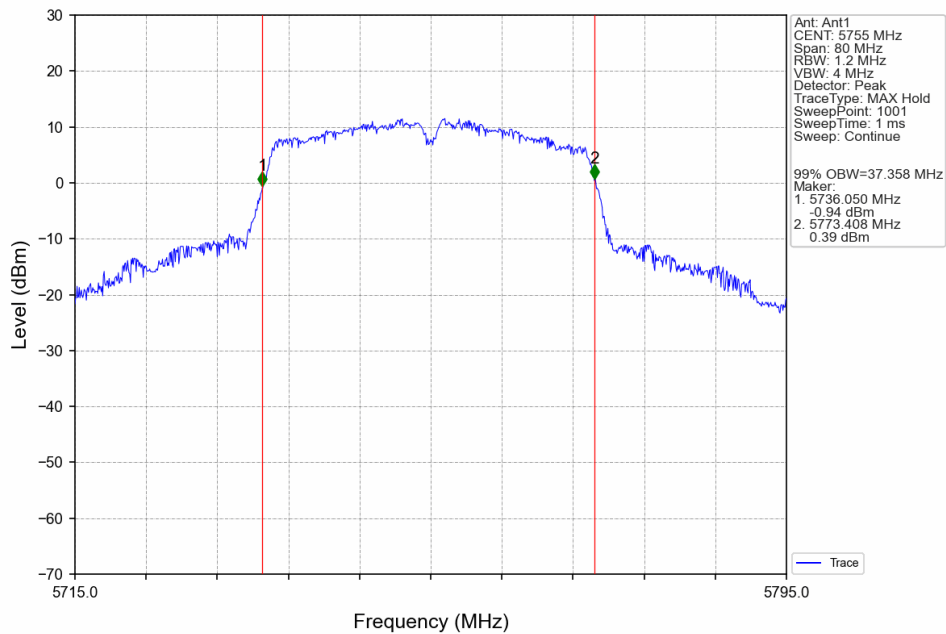


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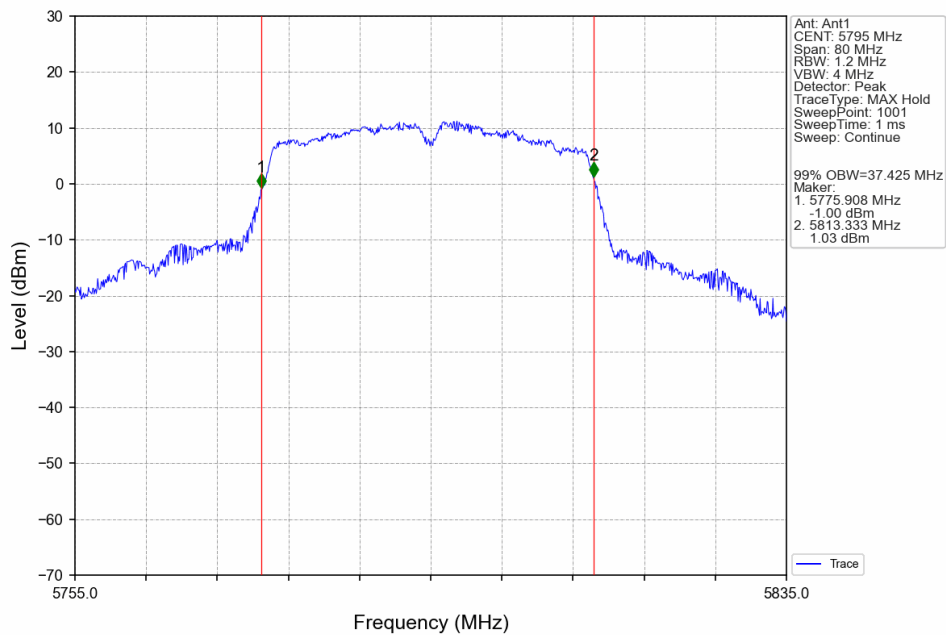




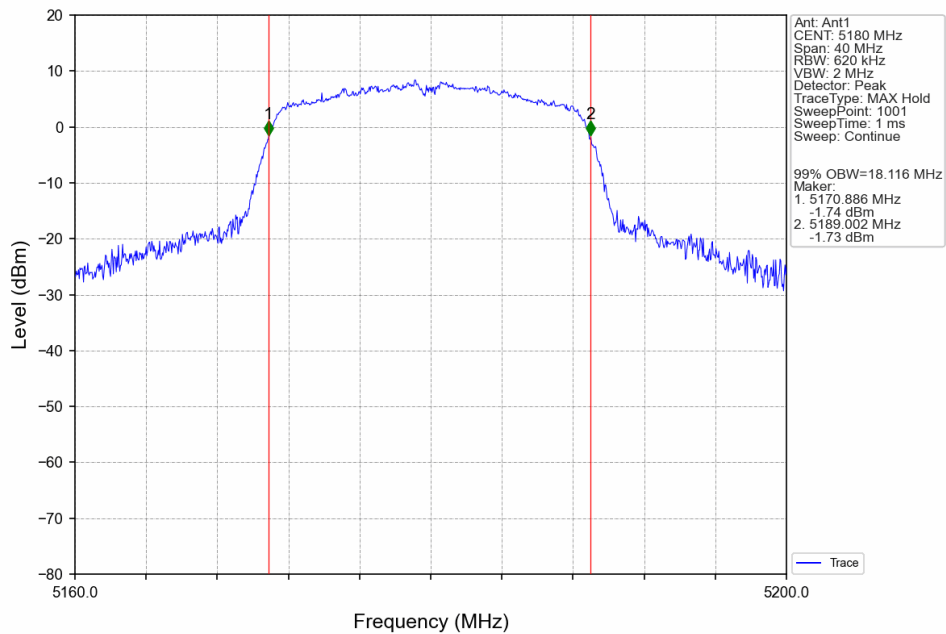
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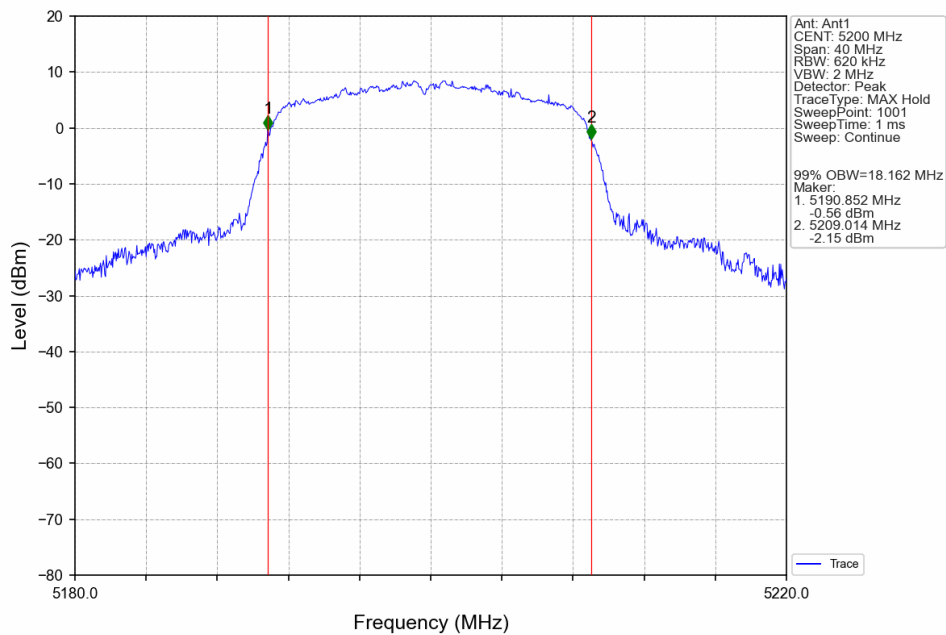
802.11n(HT40)\_HCH\_5795MHz\_Ant1\_NTNV



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



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



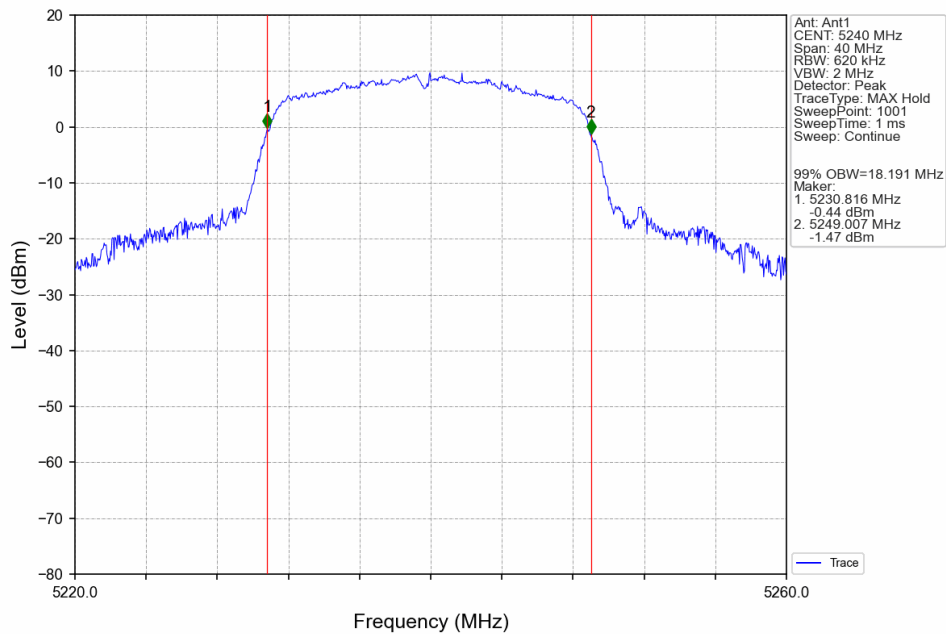
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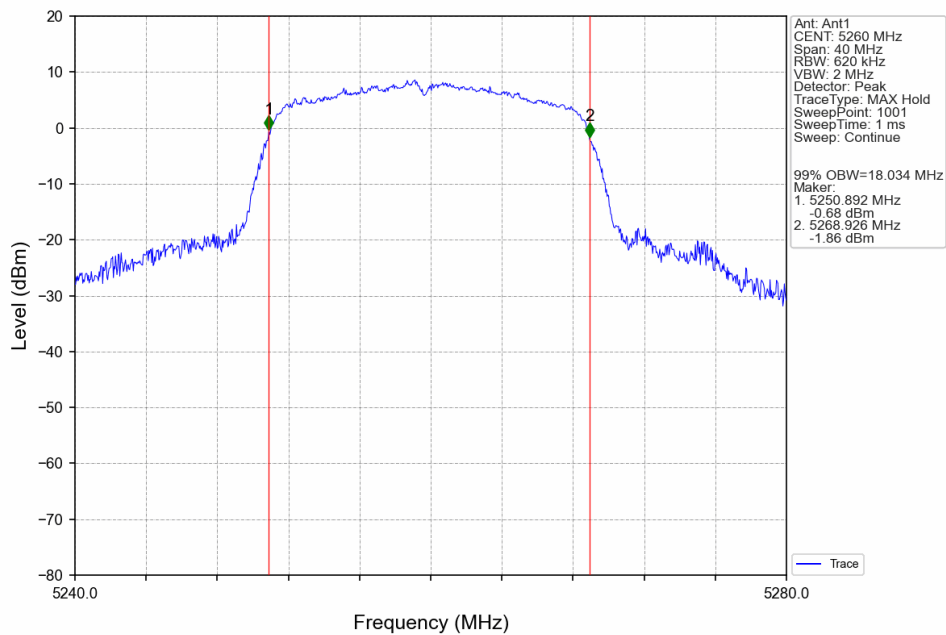
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802.11ac(VHT20)\_HCH\_5240MHz\_Ant1\_NTNV



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



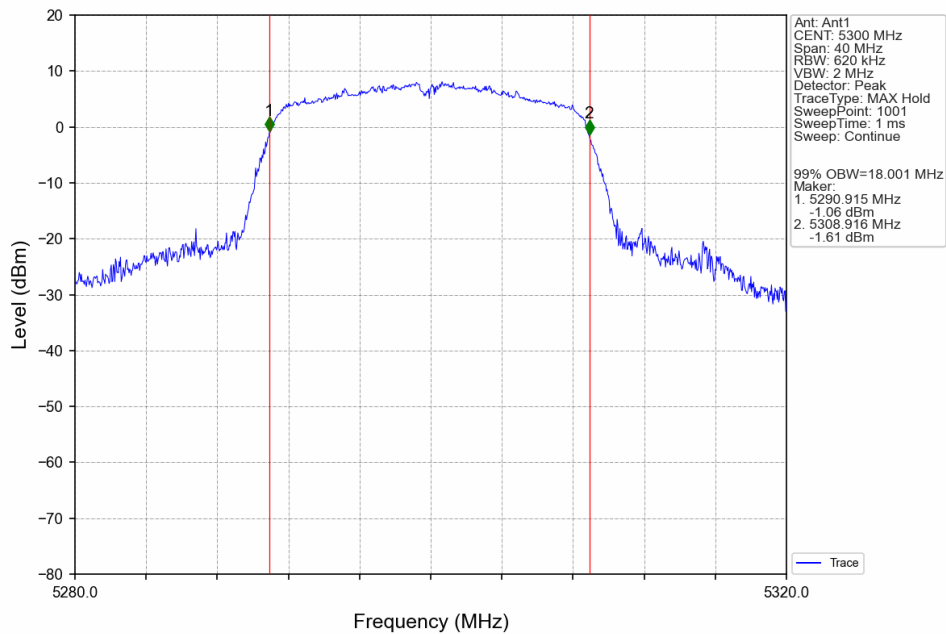
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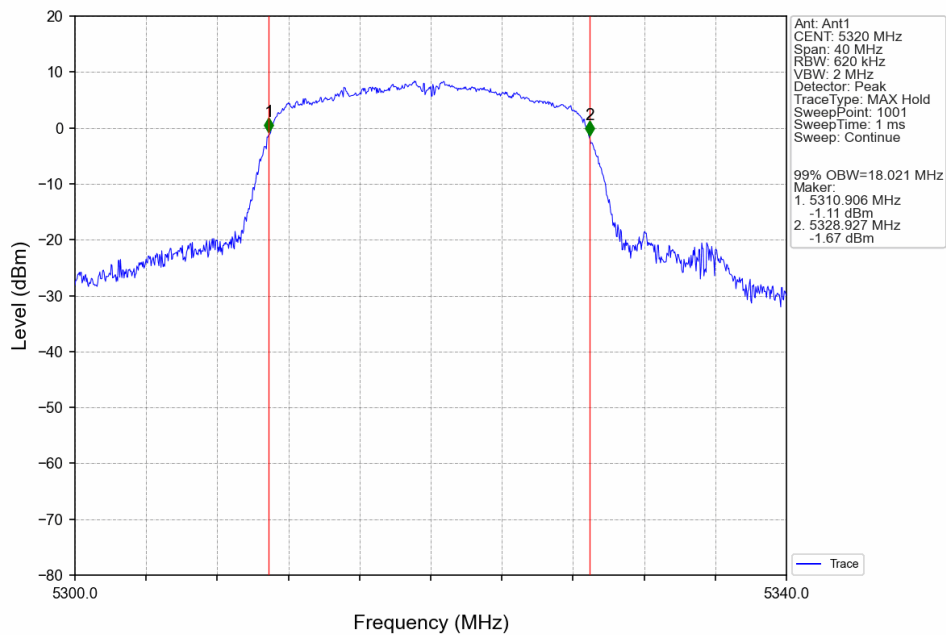
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802.11ac(VHT20)\_MCH\_5300MHz\_Ant1\_NTNV

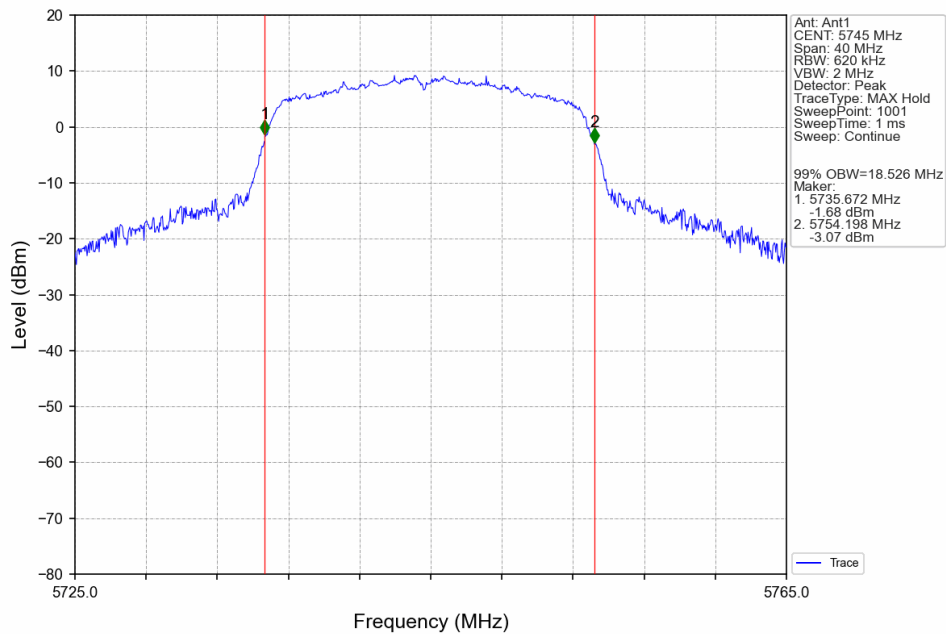


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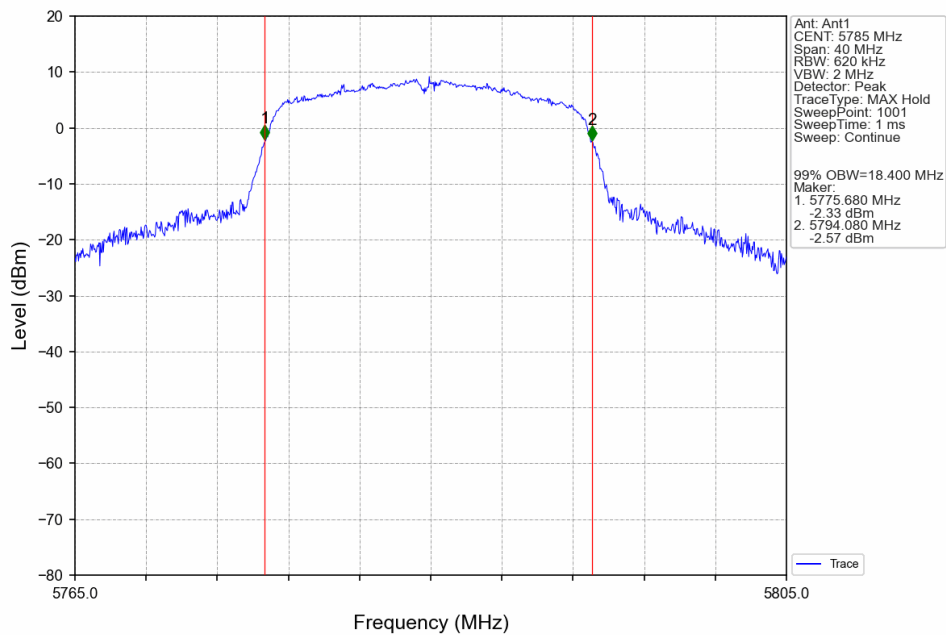




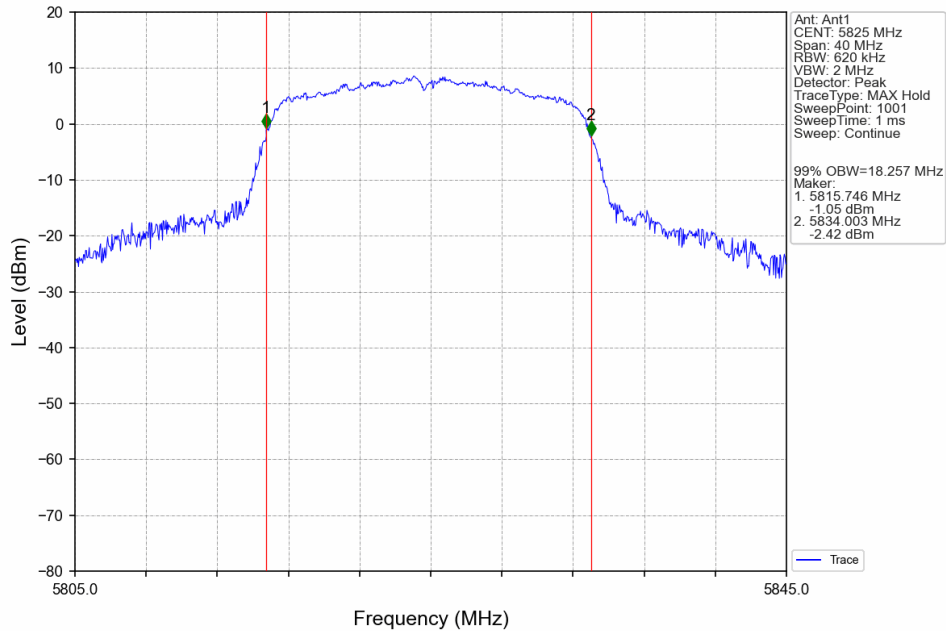
802.11ac(VHT20)\_LCH\_5745MHz\_Ant1\_NTNV



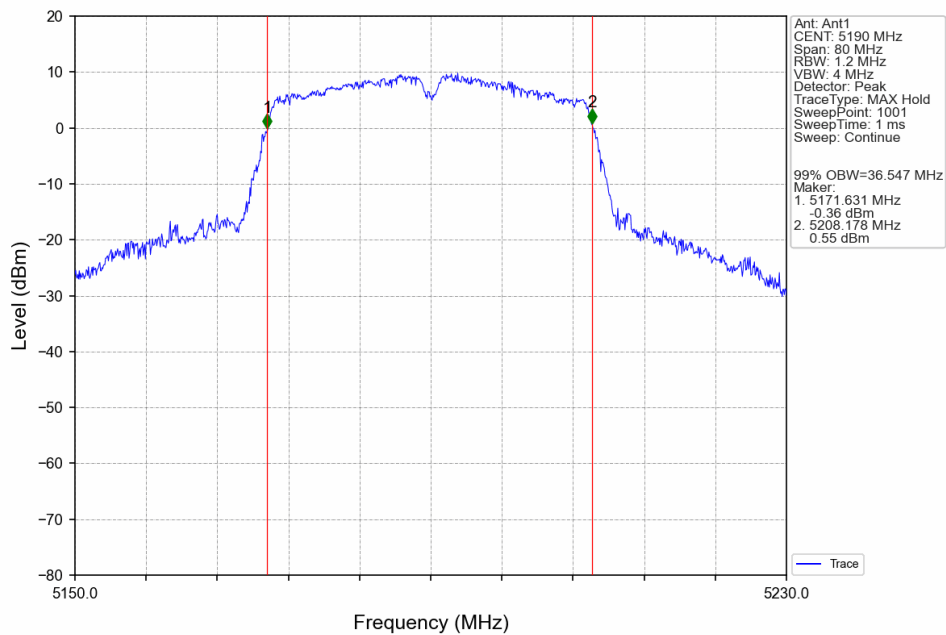
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802.11ac(VHT20)\_HCH\_5825MHz\_Ant1\_NTNV



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



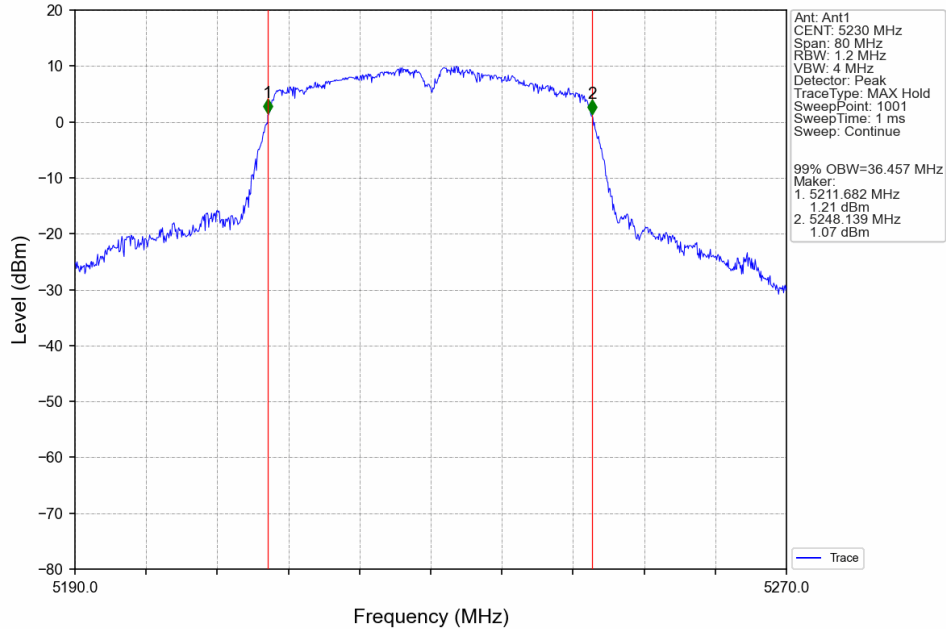
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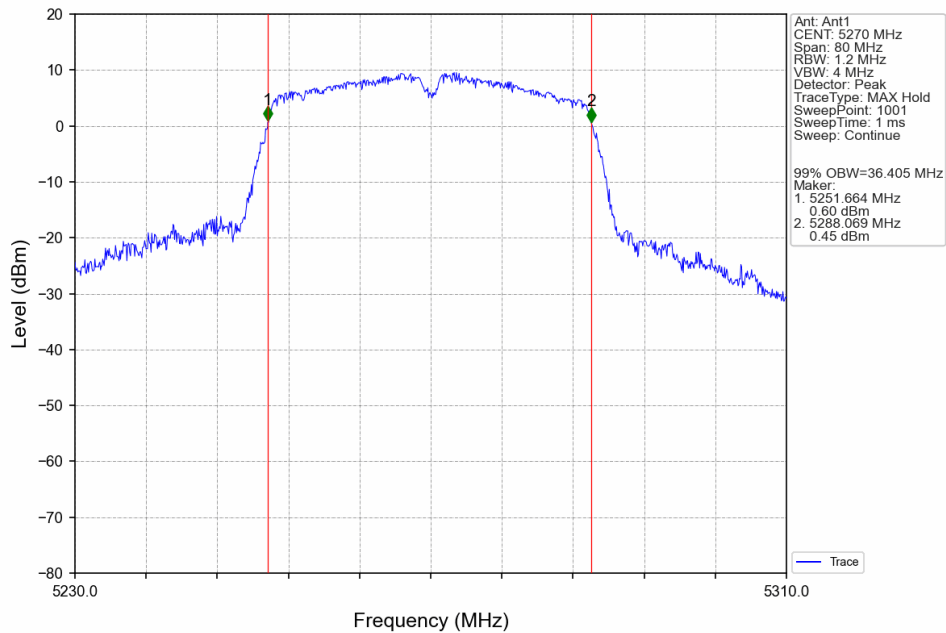
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802.11ac(VHT40)\_HCH\_5230MHz\_Ant1\_NTNV



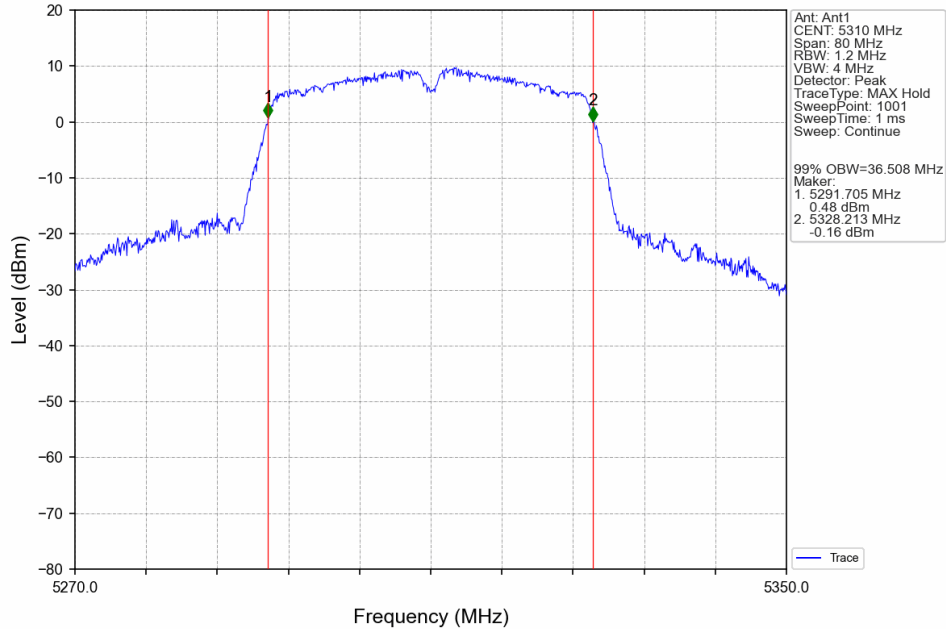
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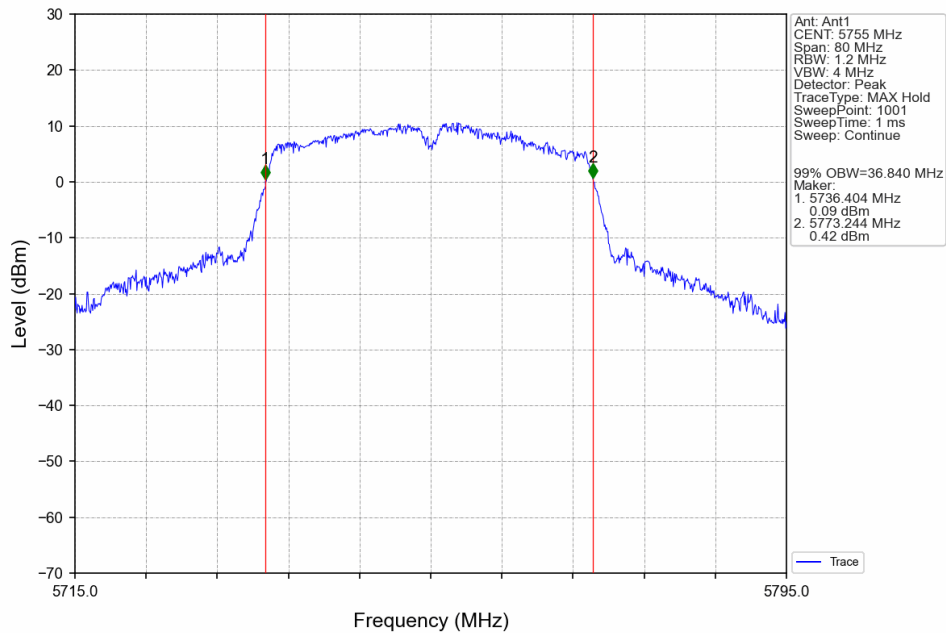
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802.11ac(VHT40)\_LCH\_5755MHz\_Ant1\_NTNV



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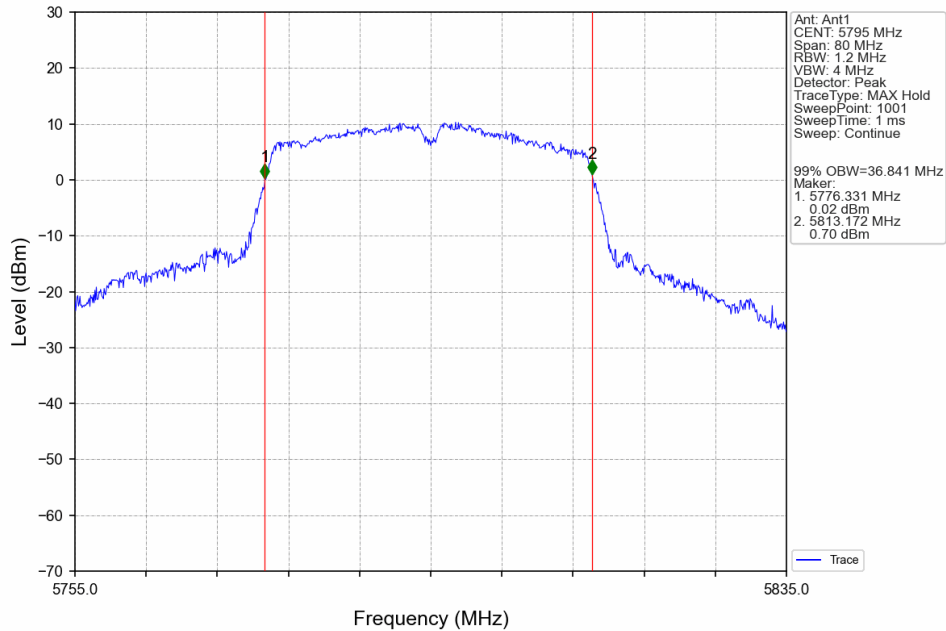
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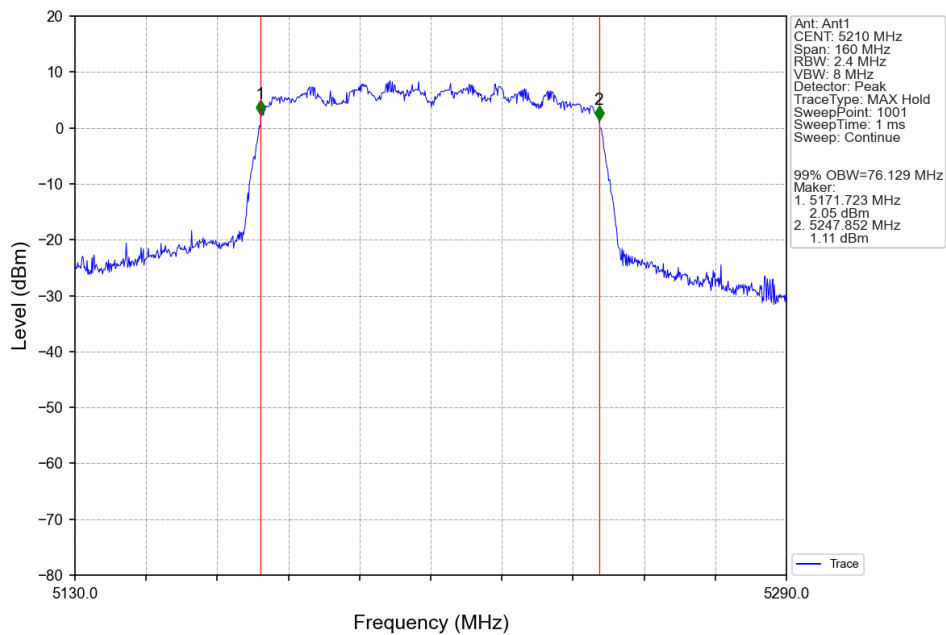
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802.11ac(VHT40)\_HCH\_5795MHz\_Ant1\_NTNV



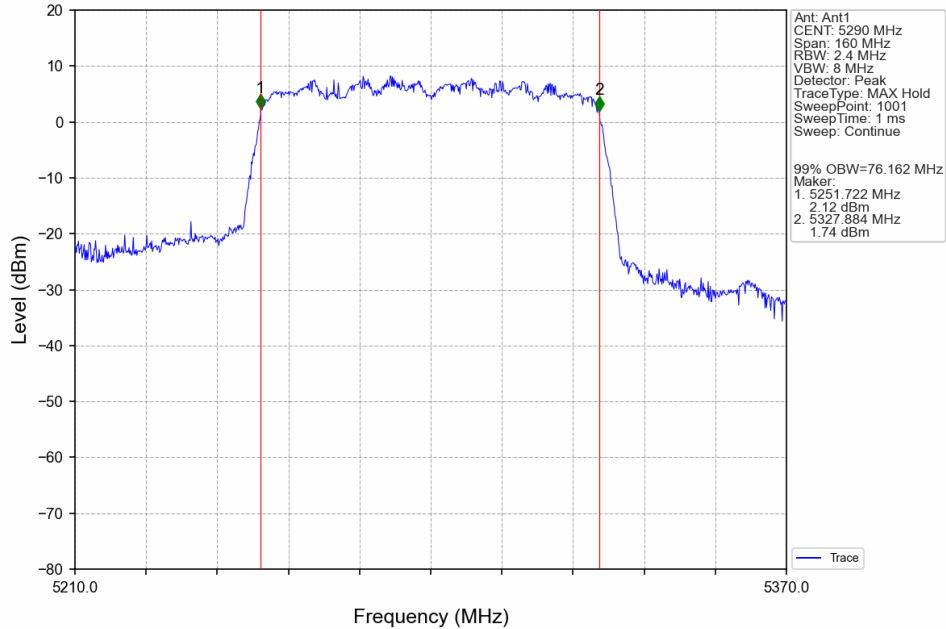
802.11ac(VHT80)\_MCH\_5210MHz\_Ant1\_NTNV



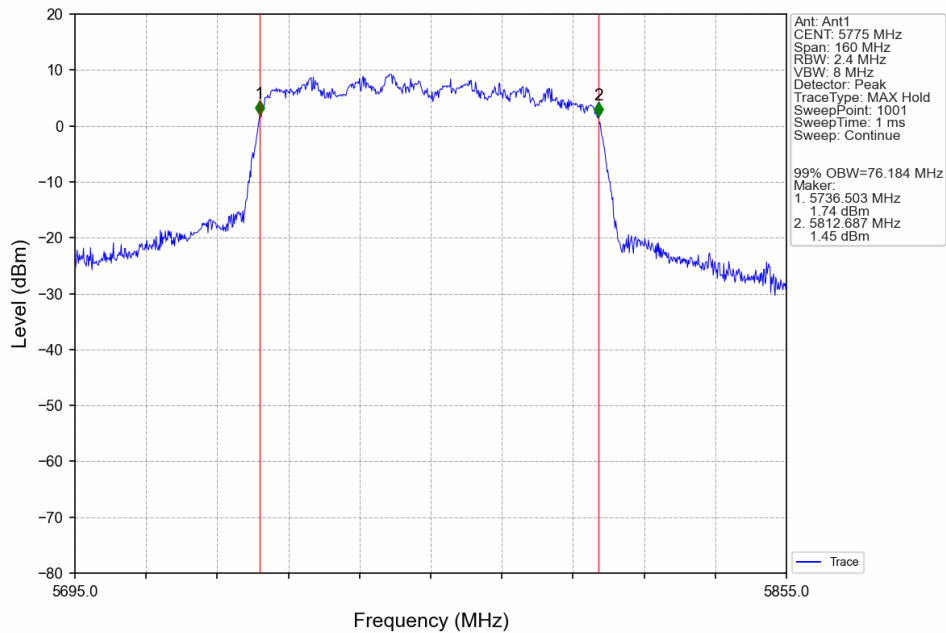
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802.11ac(VHT80)\_MCH\_5290MHz\_Ant1\_NTNV

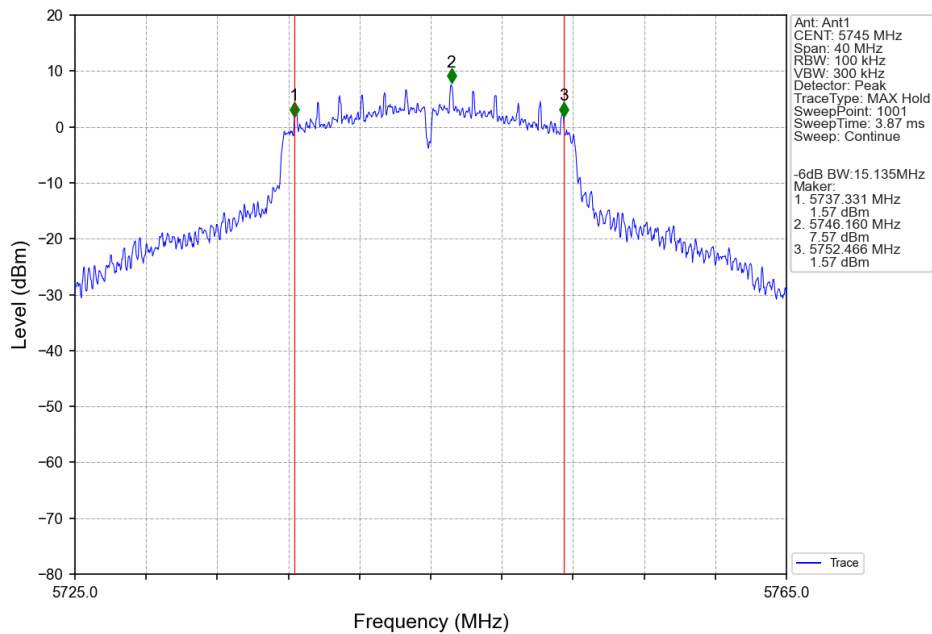


802.11ac(VHT80)\_MCH\_5775MHz\_Ant1\_NTNV

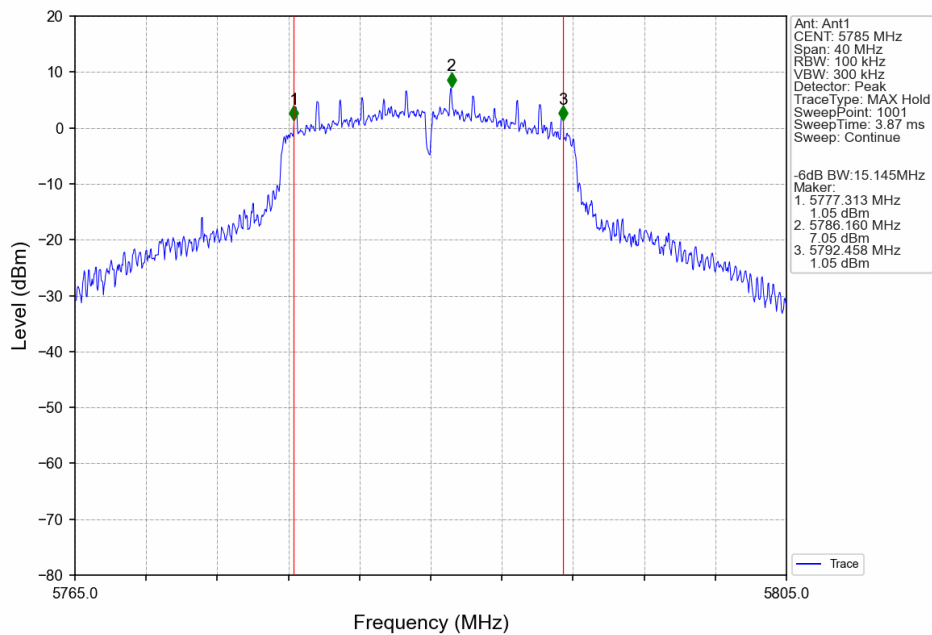


### 2.2.2 6dB BW

802.11a\_LCH\_5745MHz\_Ant1\_NTNV



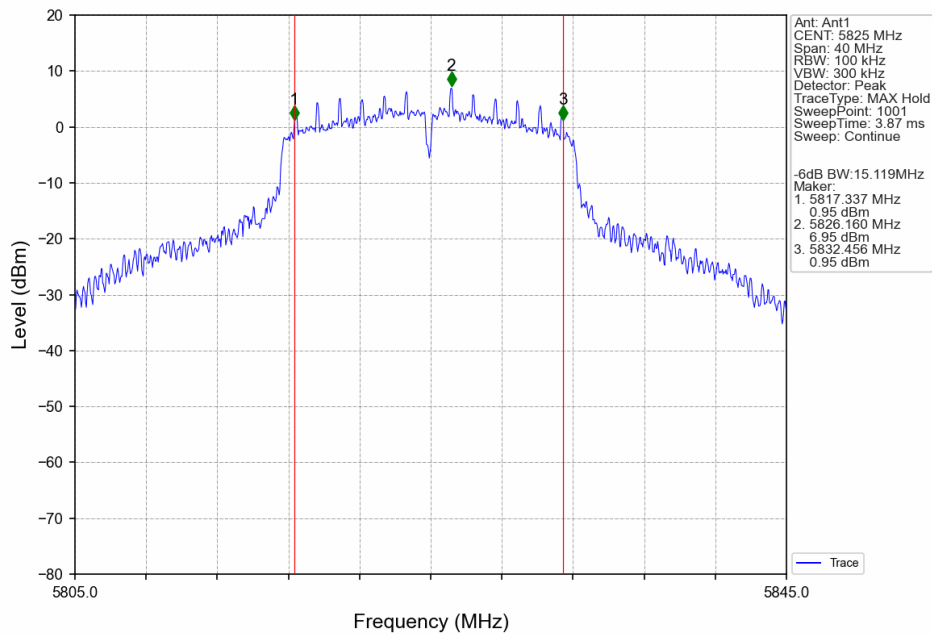
802.11a\_MCH\_5785MHz\_Ant1\_NTNV



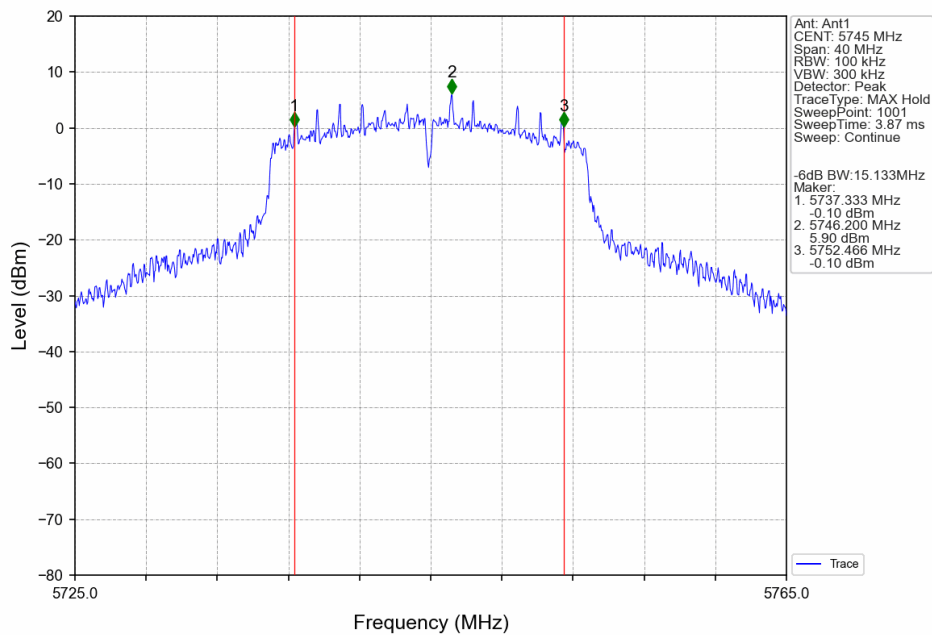
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802.11a\_HCH\_5825MHz\_Ant1\_NTNV



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



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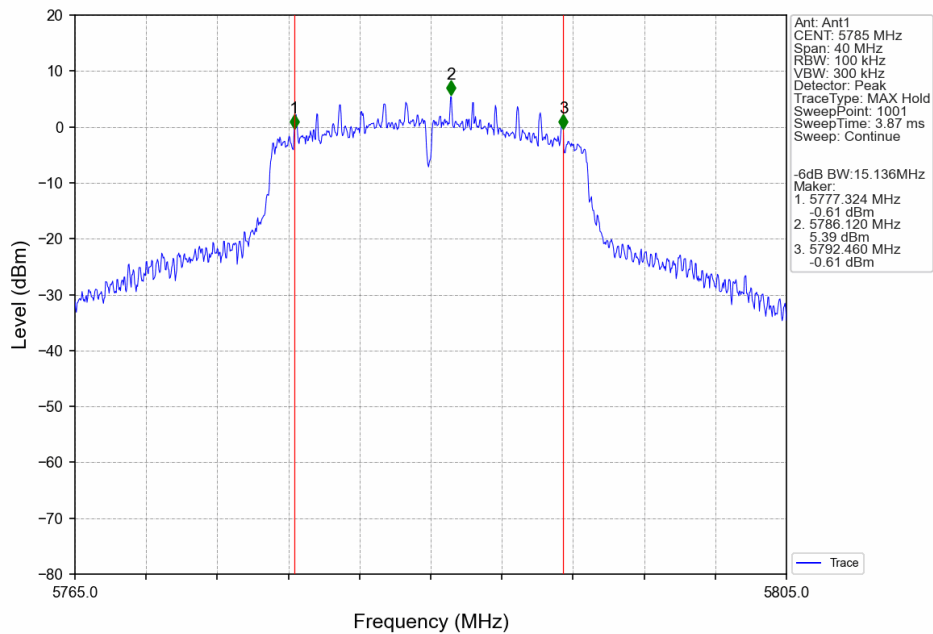
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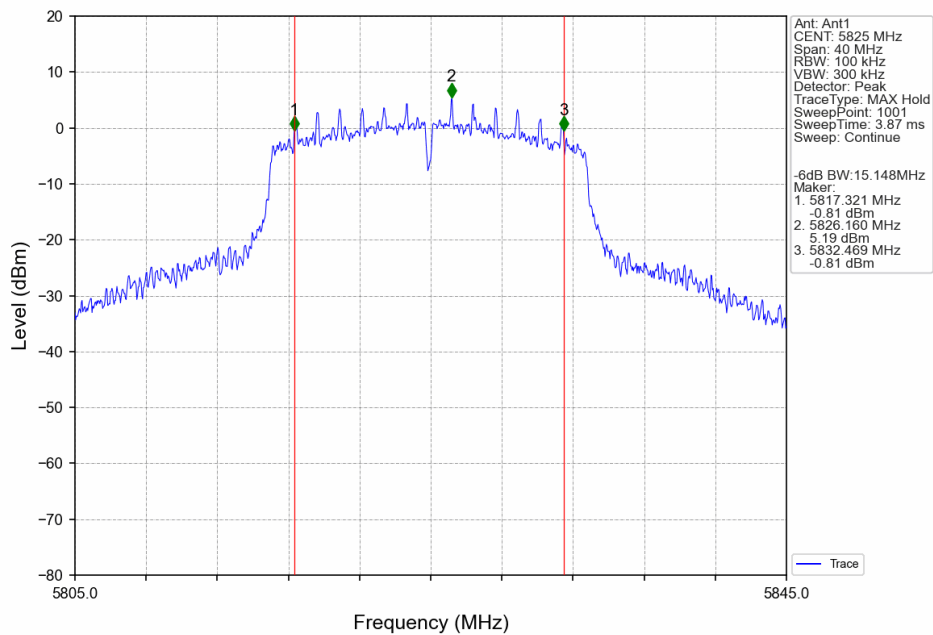
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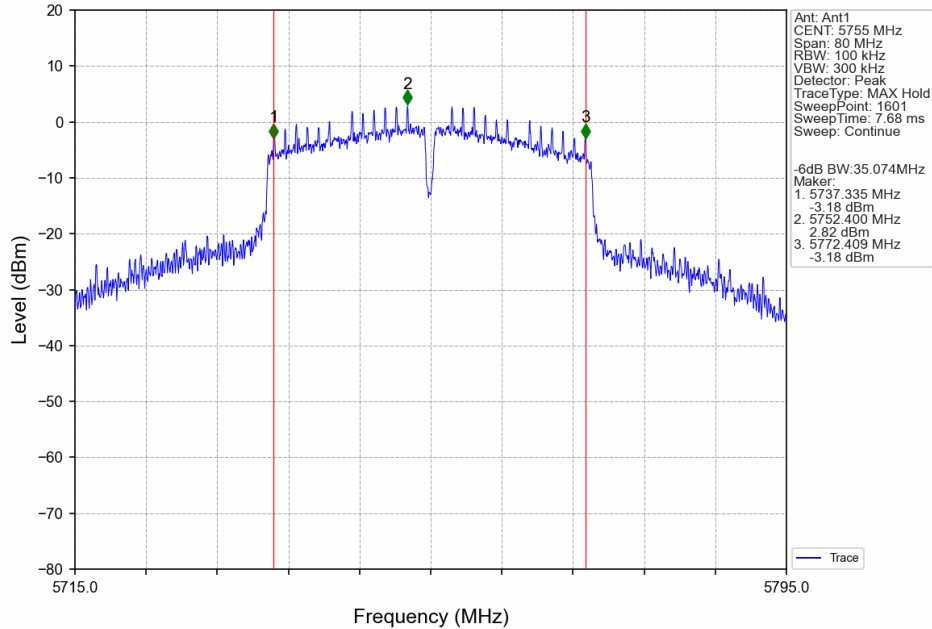
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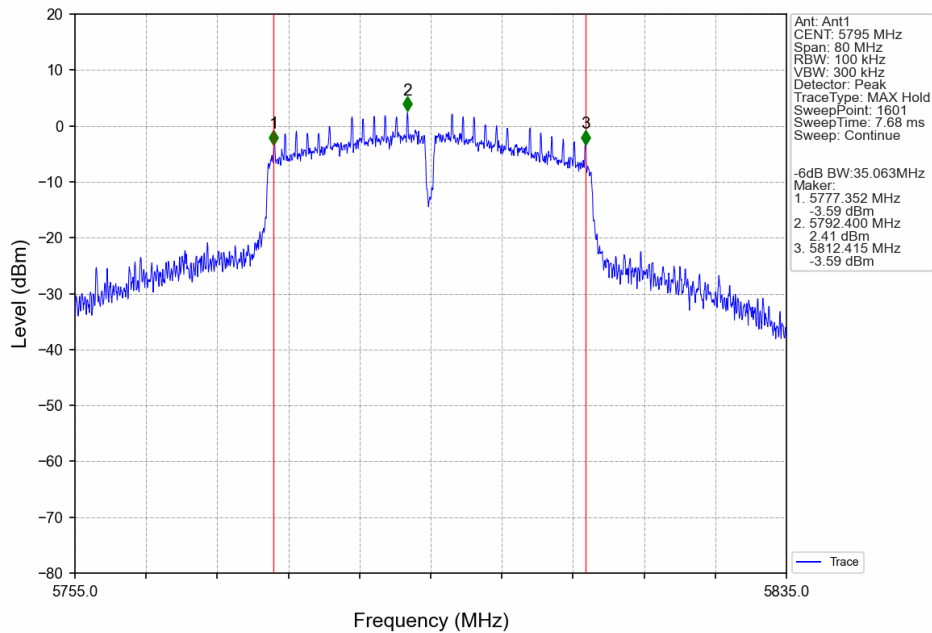
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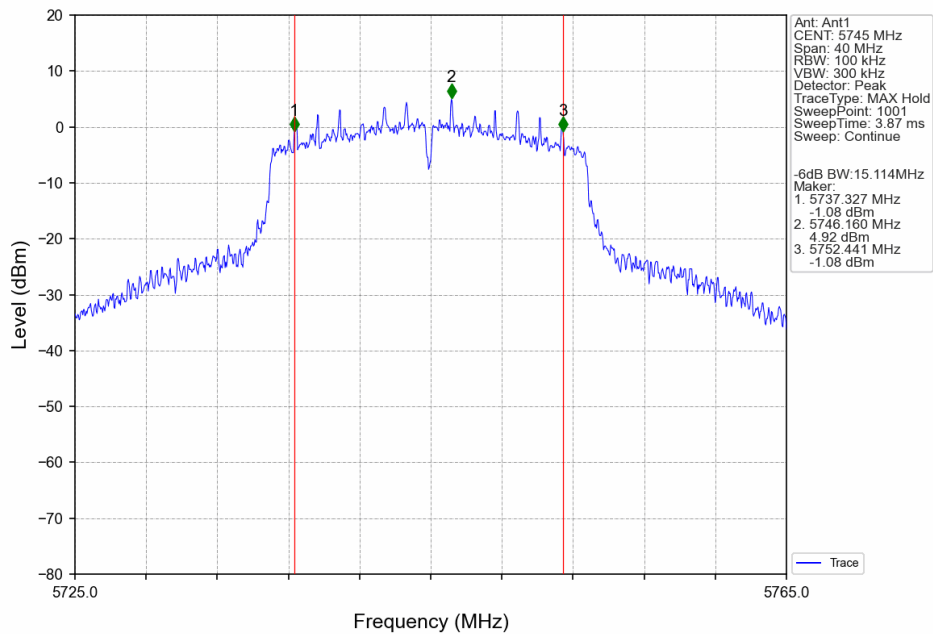
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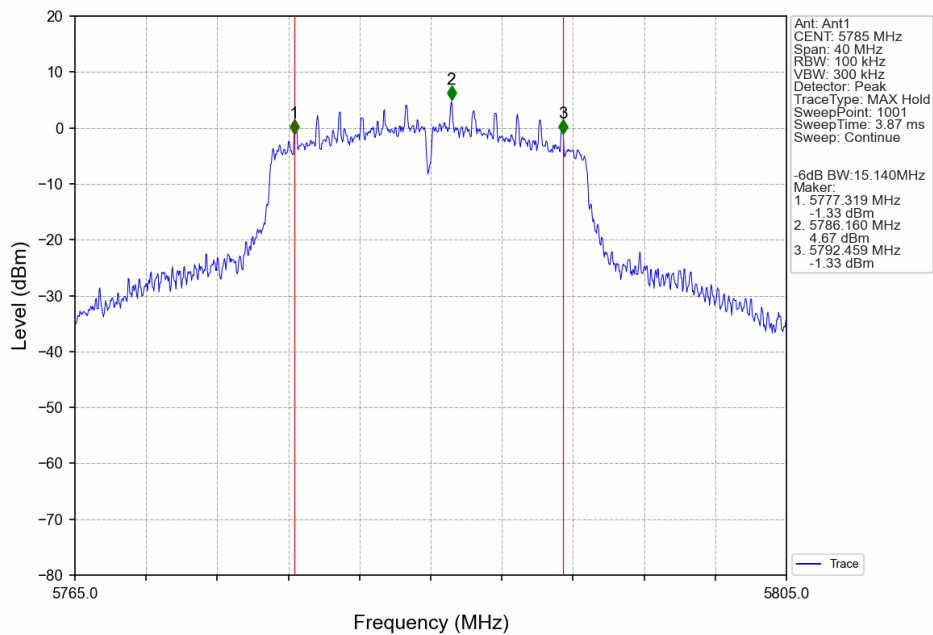
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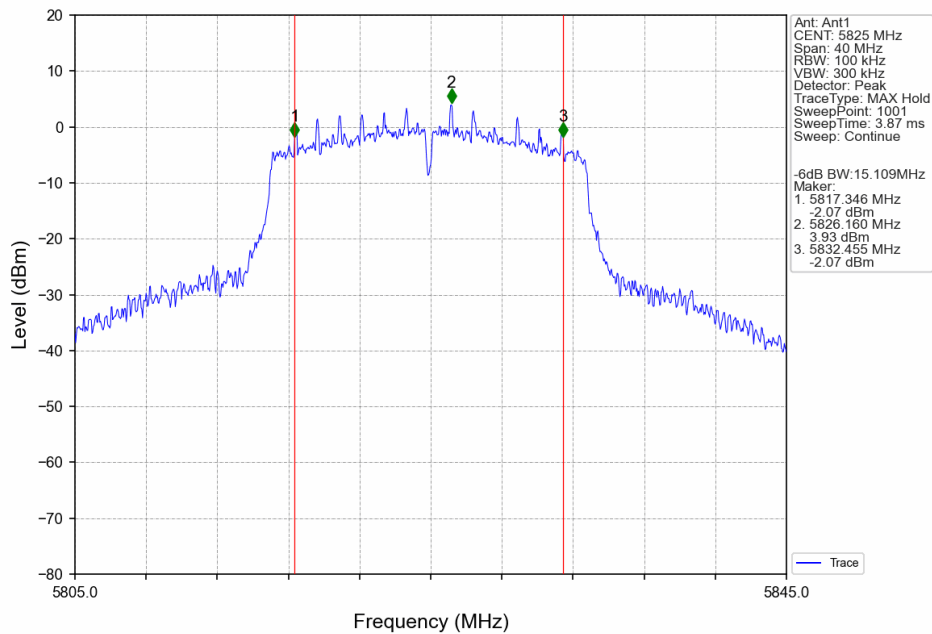
802.11ac(VHT20)\_LCH\_5745MHz\_Ant1\_NTNV



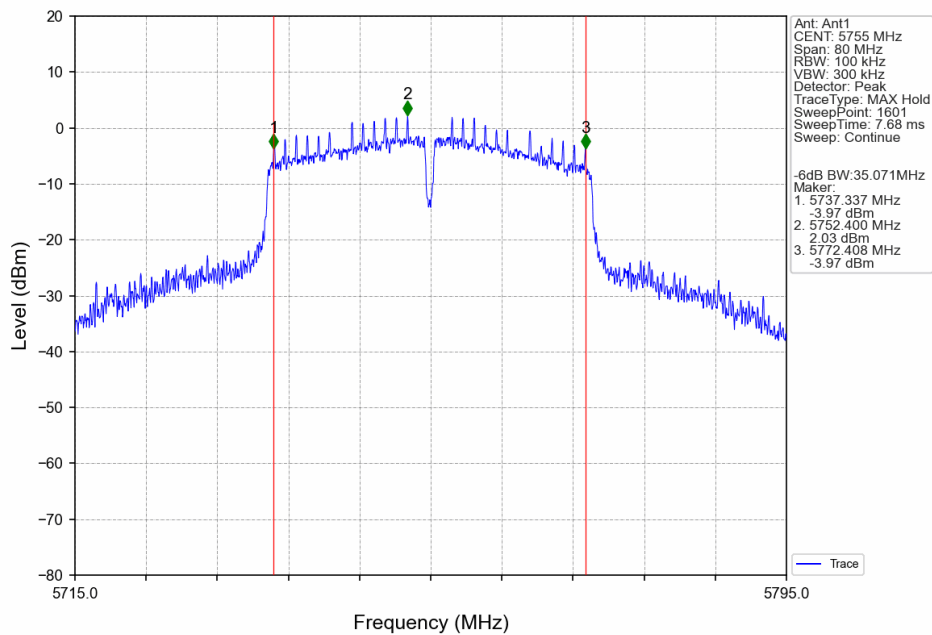
802.11ac(VHT20)\_MCH\_5785MHz\_Ant1\_NTNV



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



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



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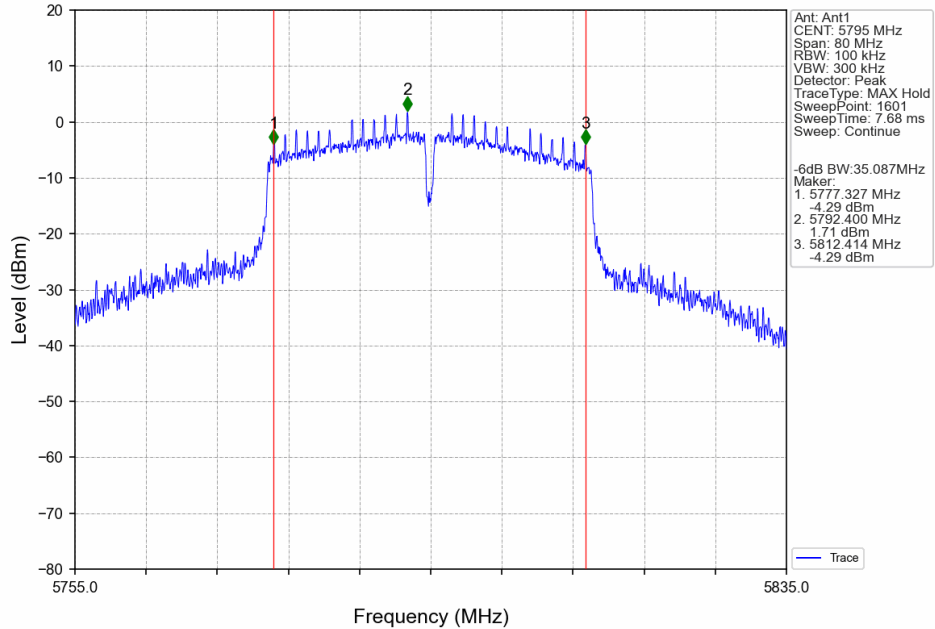
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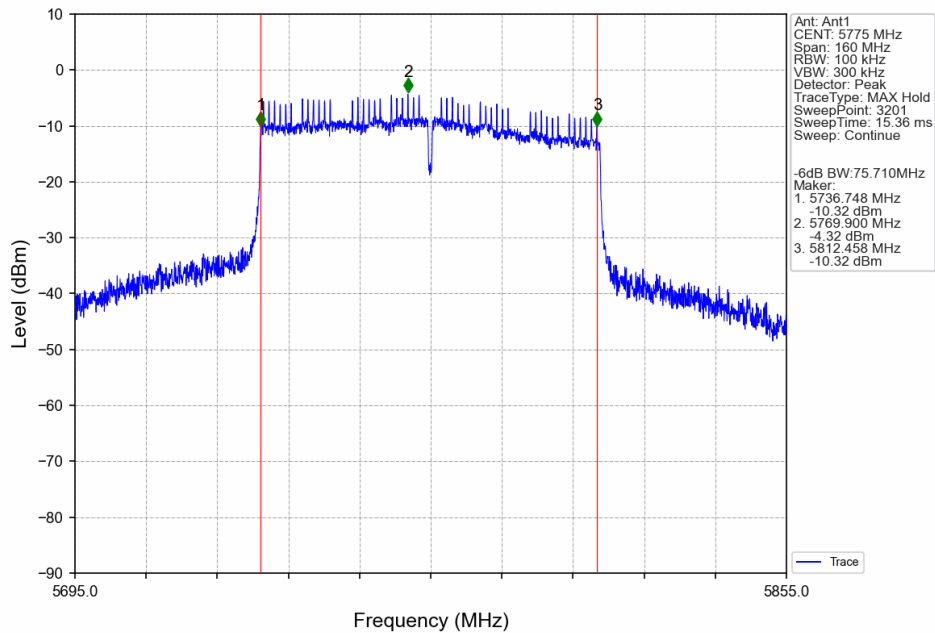
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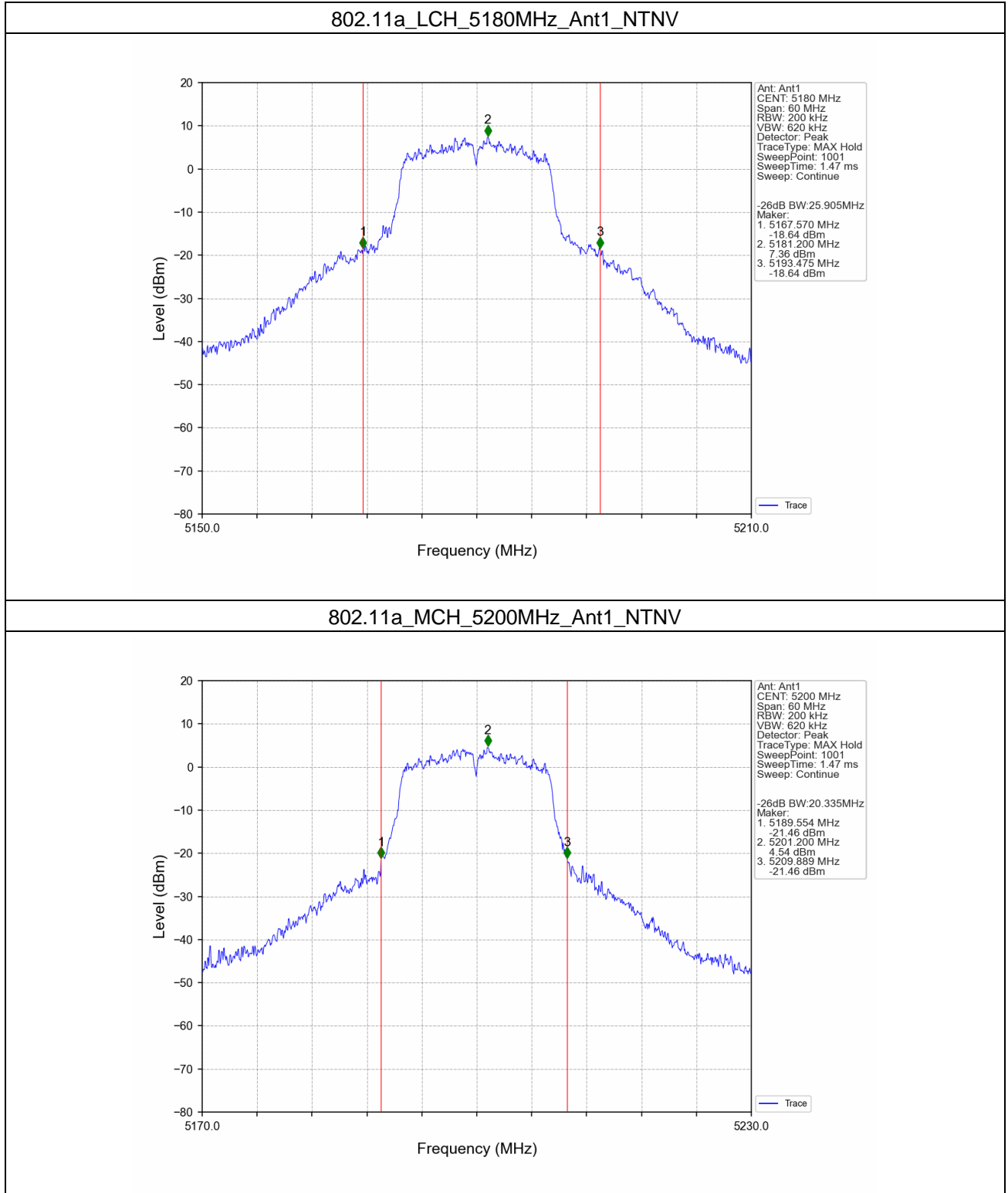
802.11ac(VHT40)\_HCH\_5795MHz\_Ant1\_NTNV



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



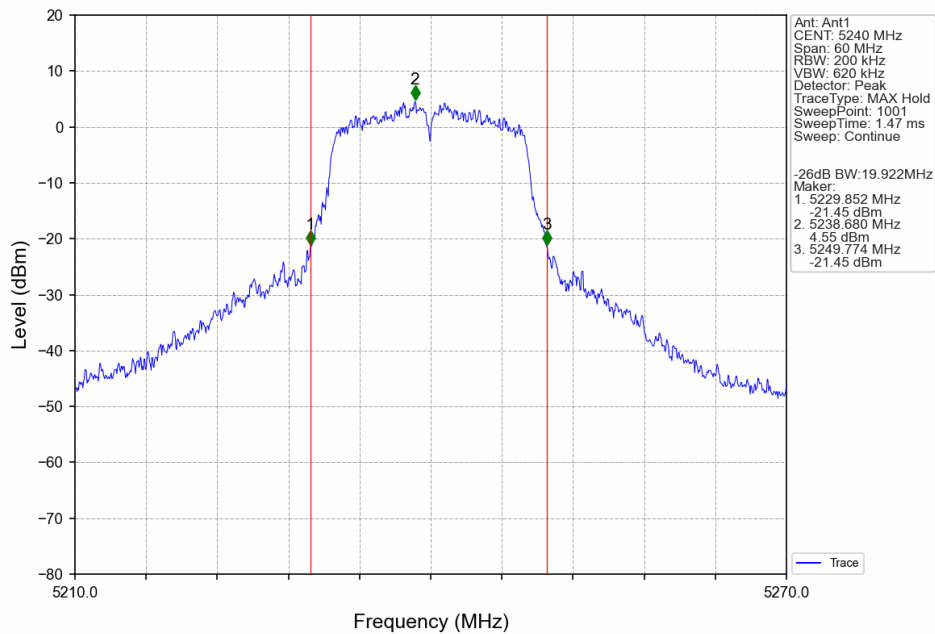
### 2.2.3 26dB BW



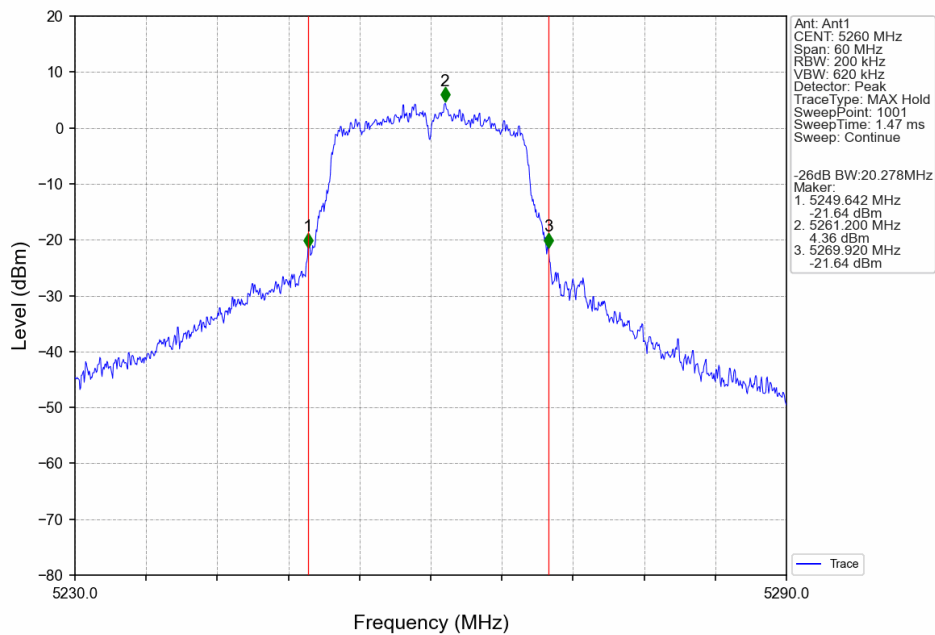
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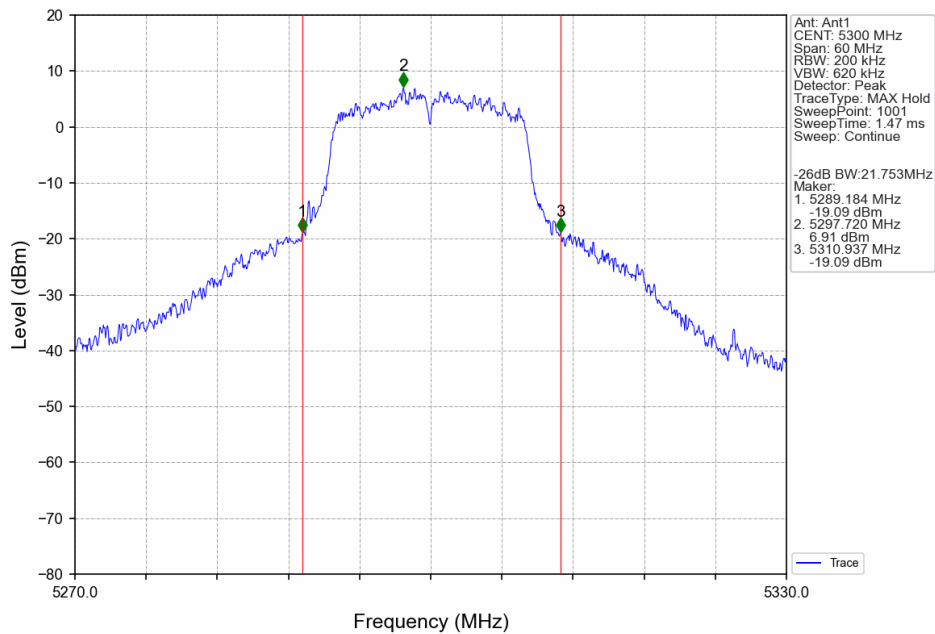
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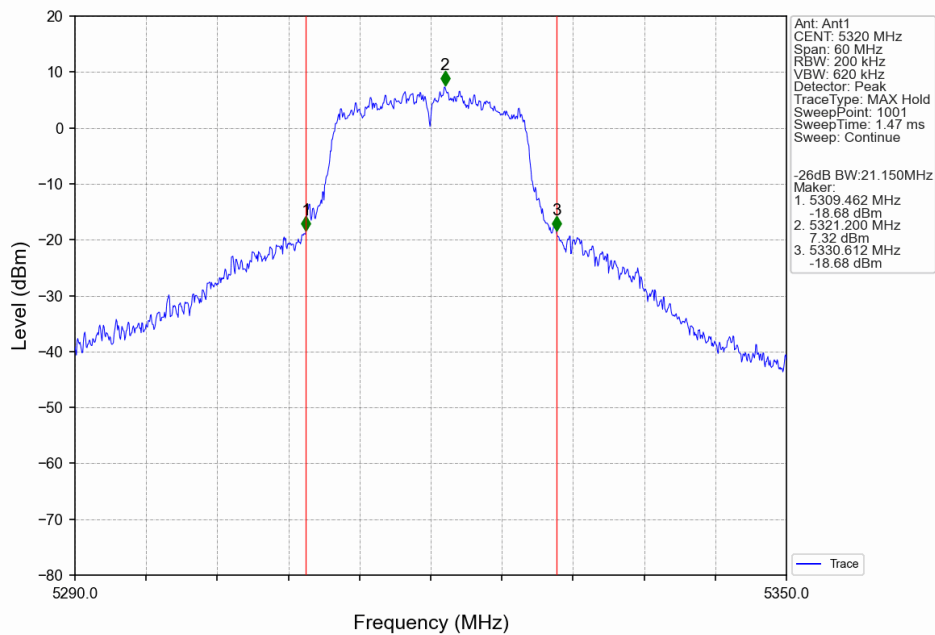
802.11a\_LCH\_5260MHz\_Ant1\_NTNV



802.11a\_MCH\_5300MHz\_Ant1\_NTNV



802.11a\_HCH\_5320MHz\_Ant1\_NTNV



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