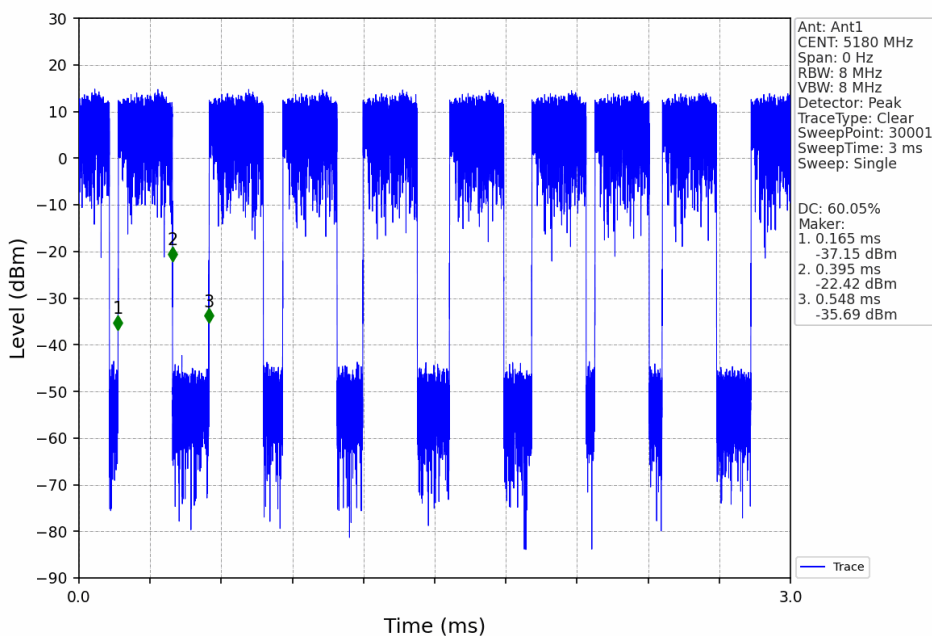
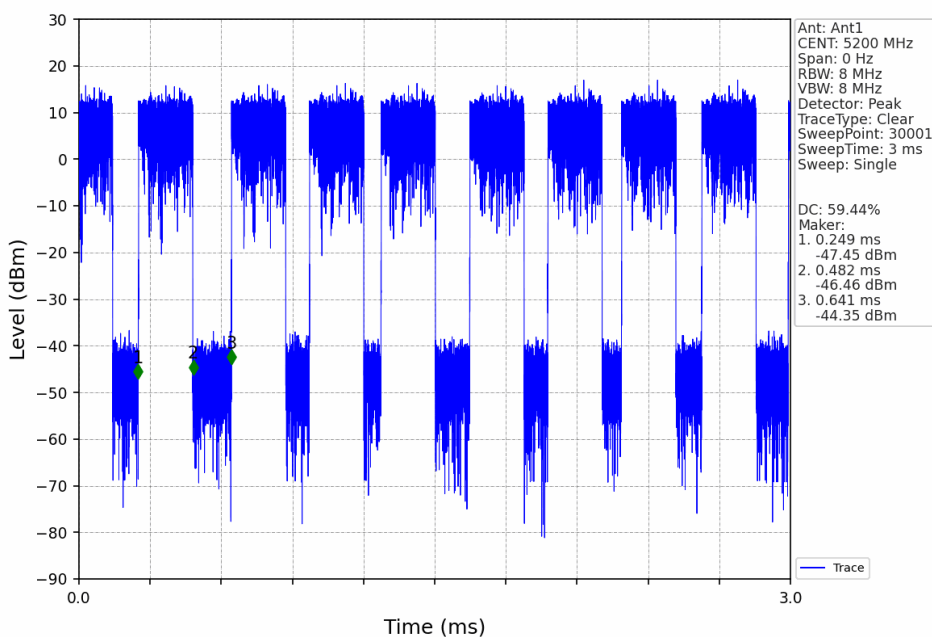


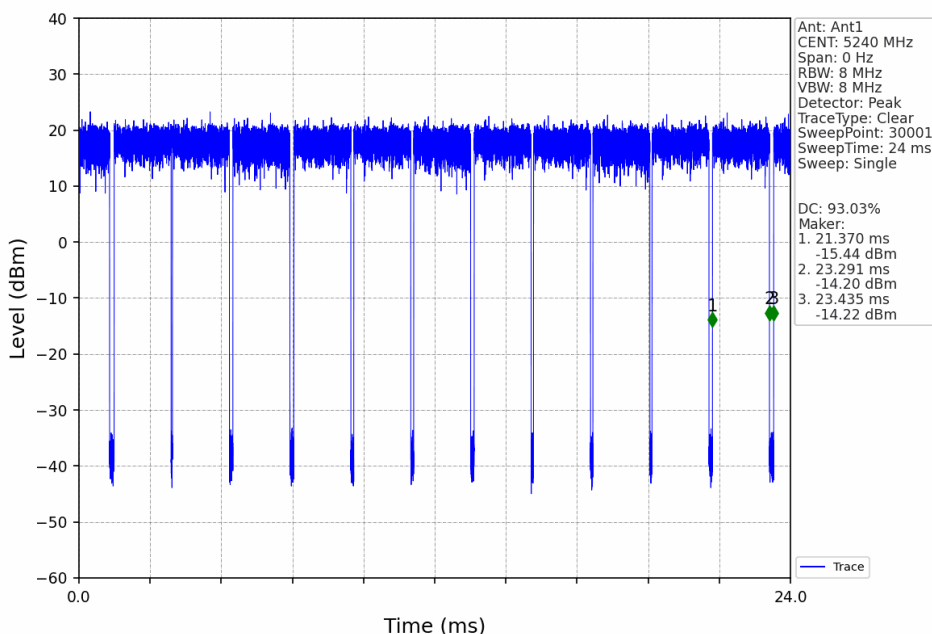
### 802.11n(HT20)\_LCH\_5180MHz\_Ant1\_NTNV



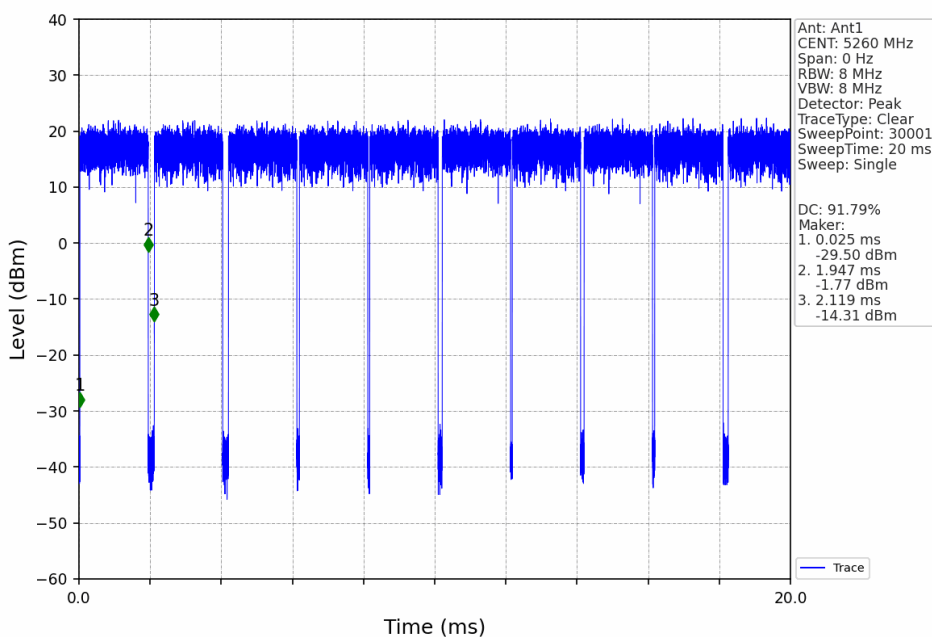
### 802.11n(HT20)\_MCH\_5200MHz\_Ant1\_NTNV



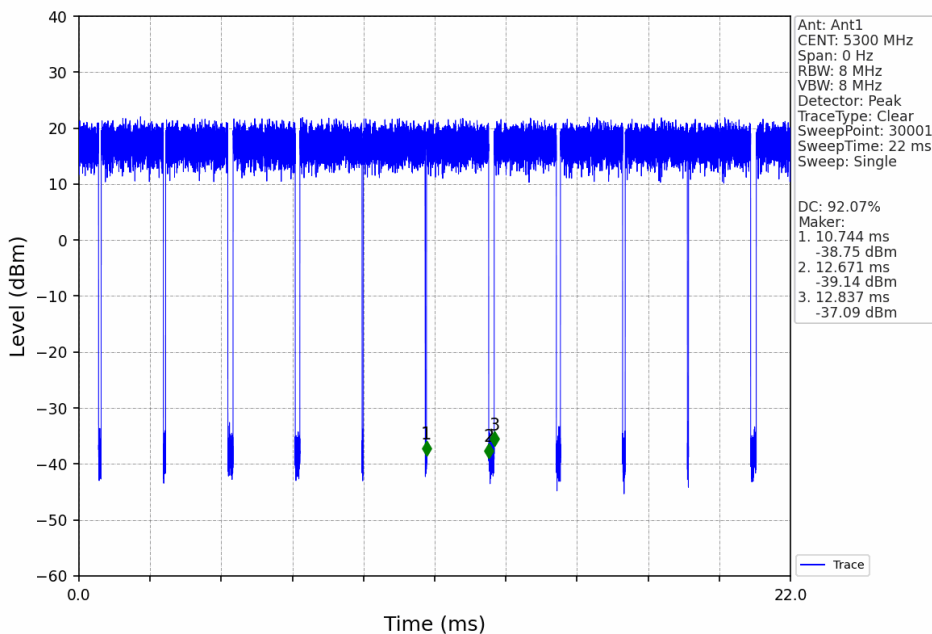
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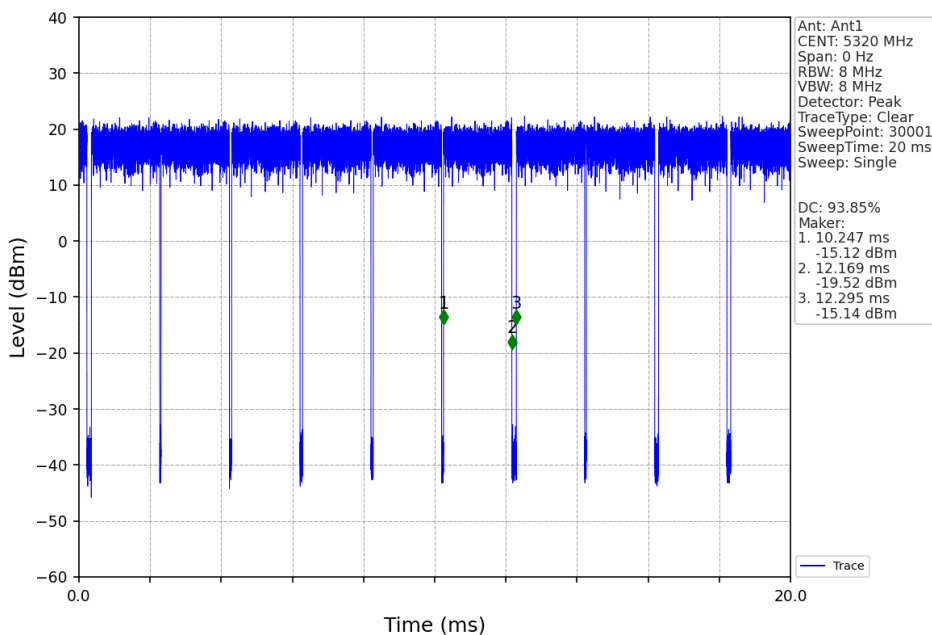
### 802.11n(HT20)\_LCH\_5260MHz\_Ant1\_NTNV



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



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



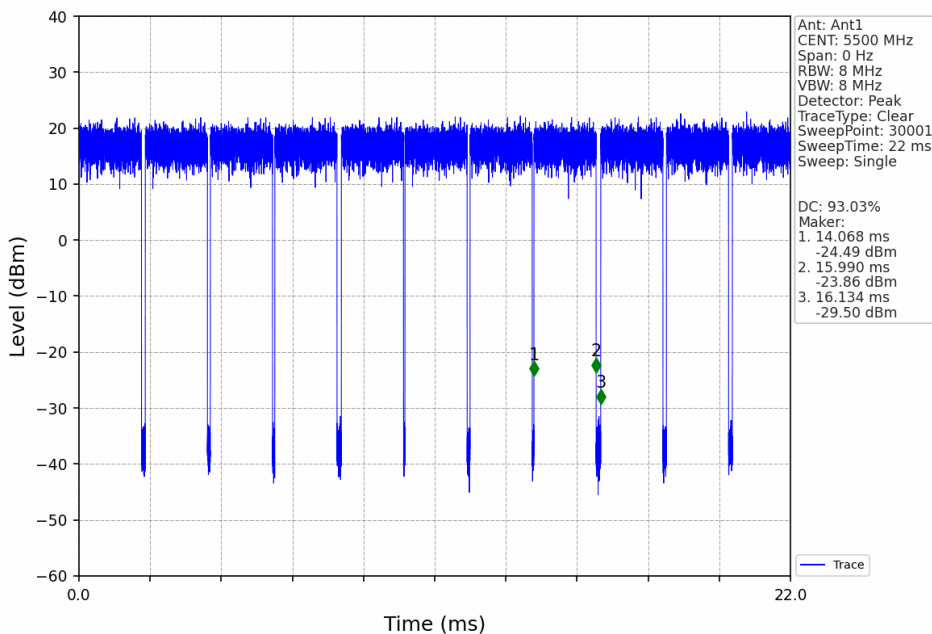
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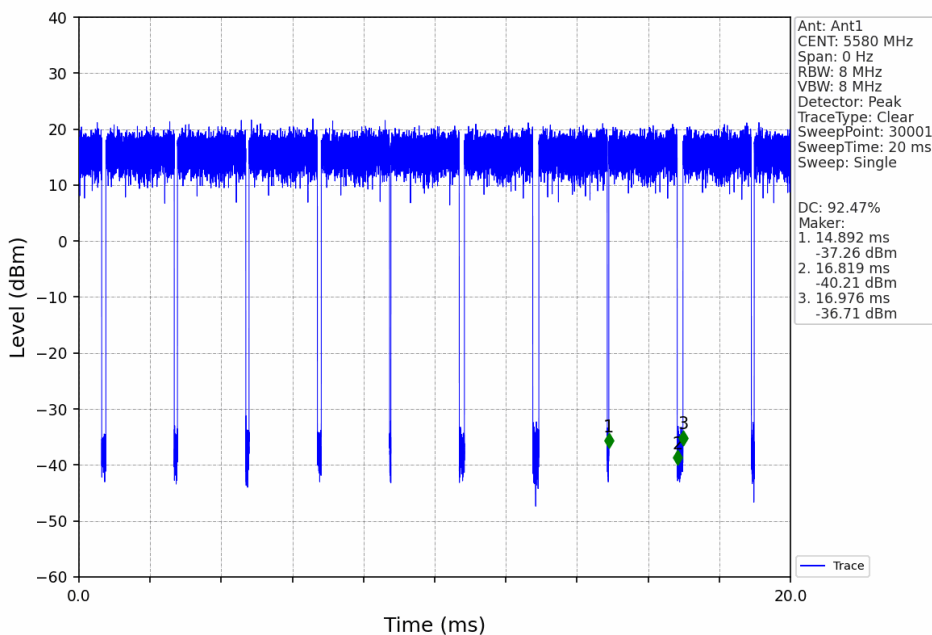
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### 802.11n(HT20)\_LCH\_5500MHz\_Ant1\_NTNV

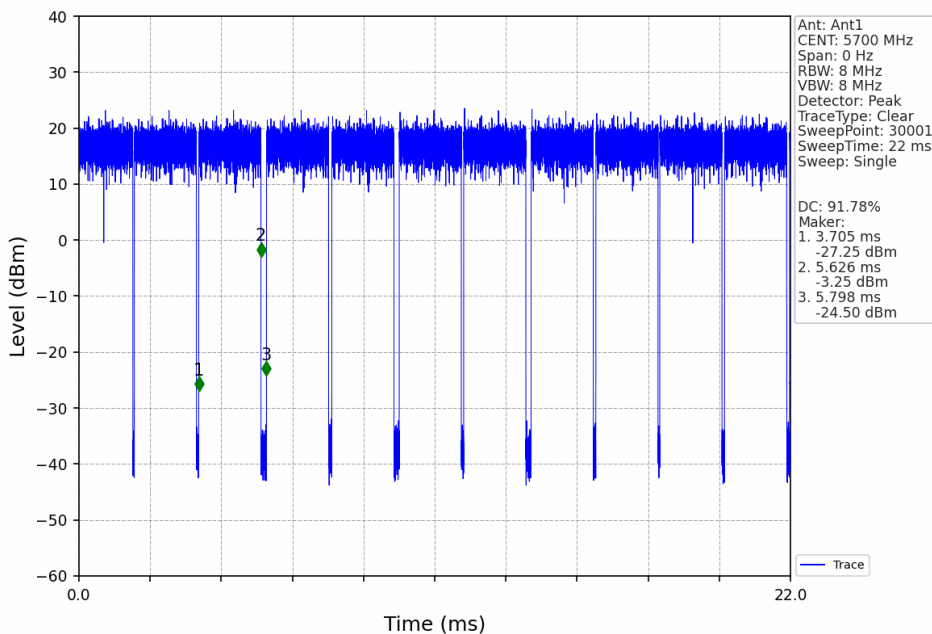


### 802.11n(HT20)\_MCH\_5580MHz\_Ant1\_NTNV

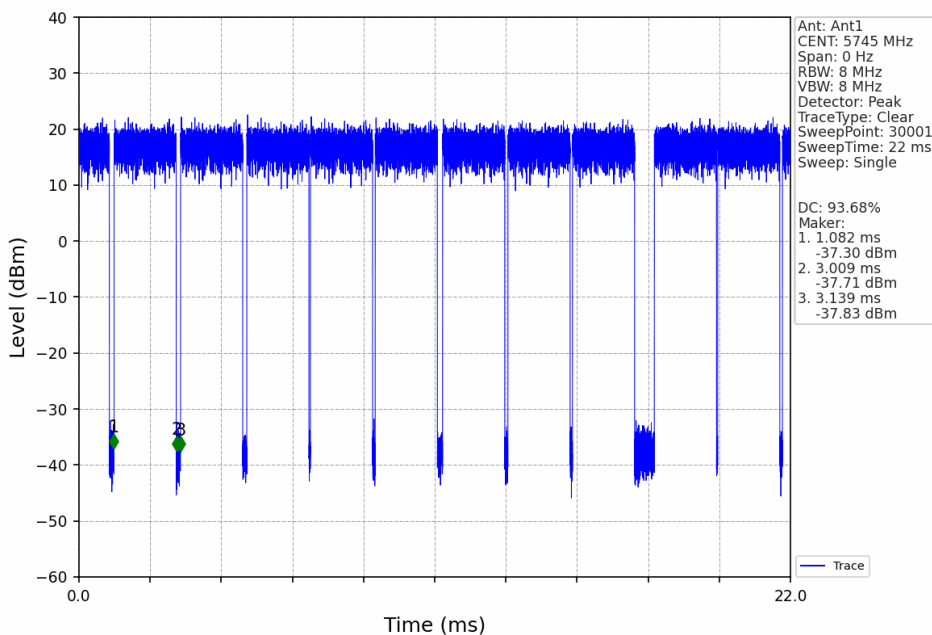




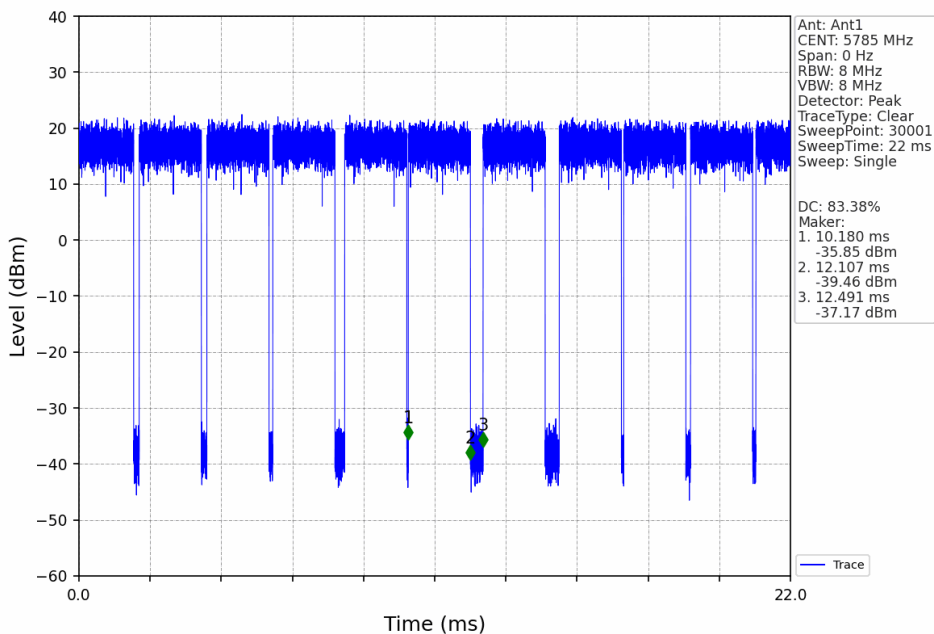
### 802.11n(HT20)\_HCH\_5700MHz\_Ant1\_NTNV



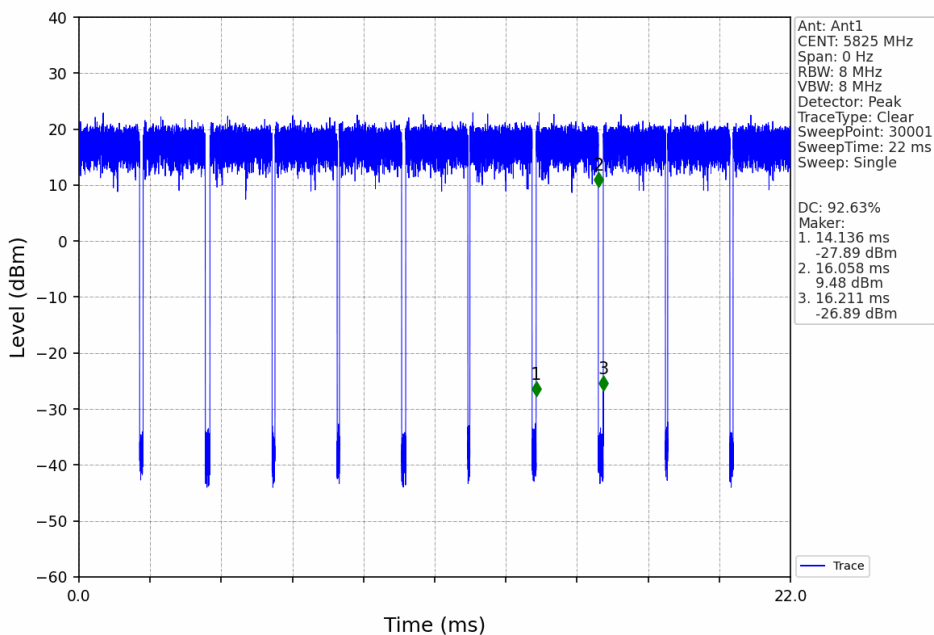
### 802.11n(HT20)\_LCH\_5745MHz\_Ant1\_NTNV



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



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



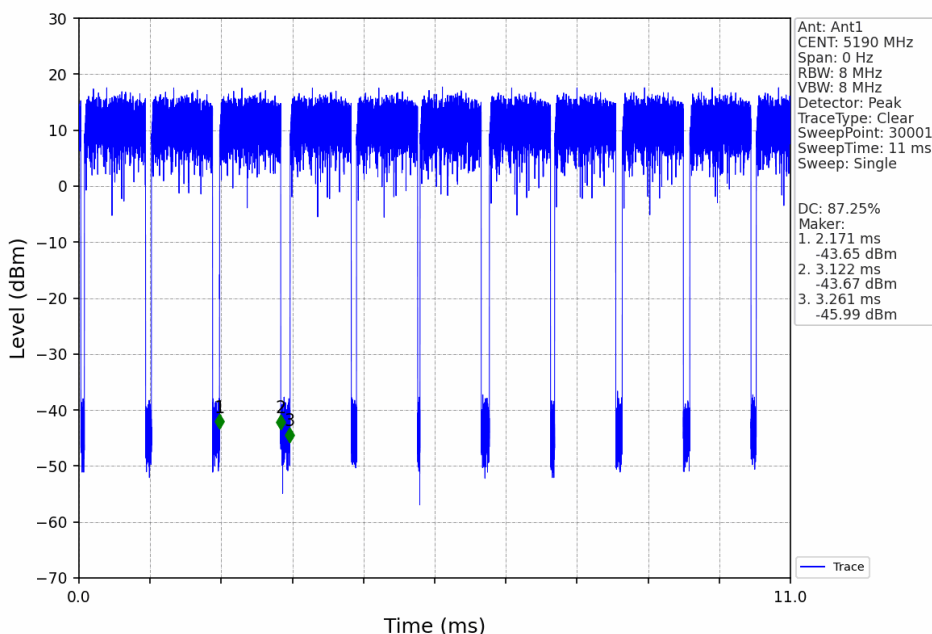
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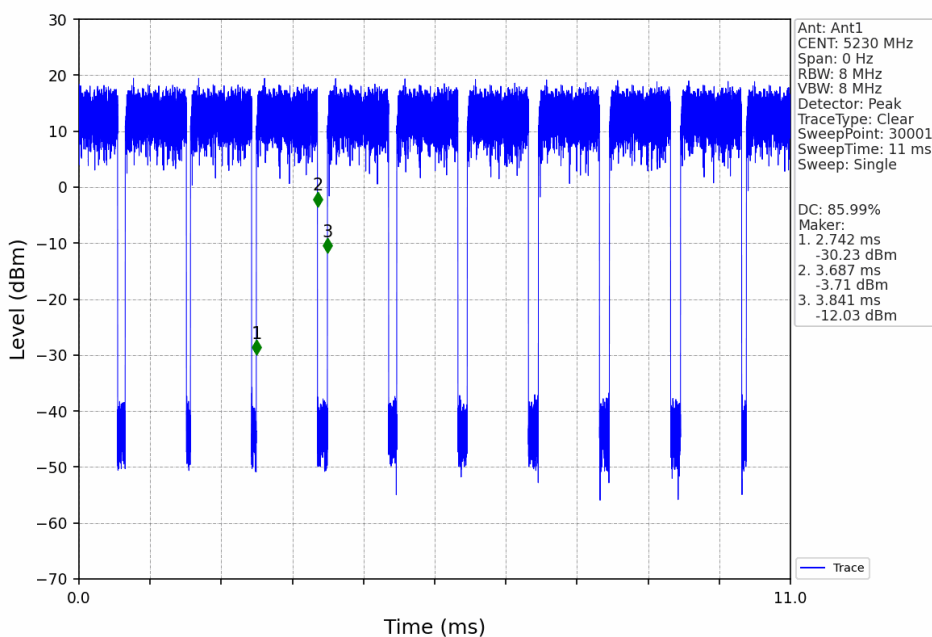
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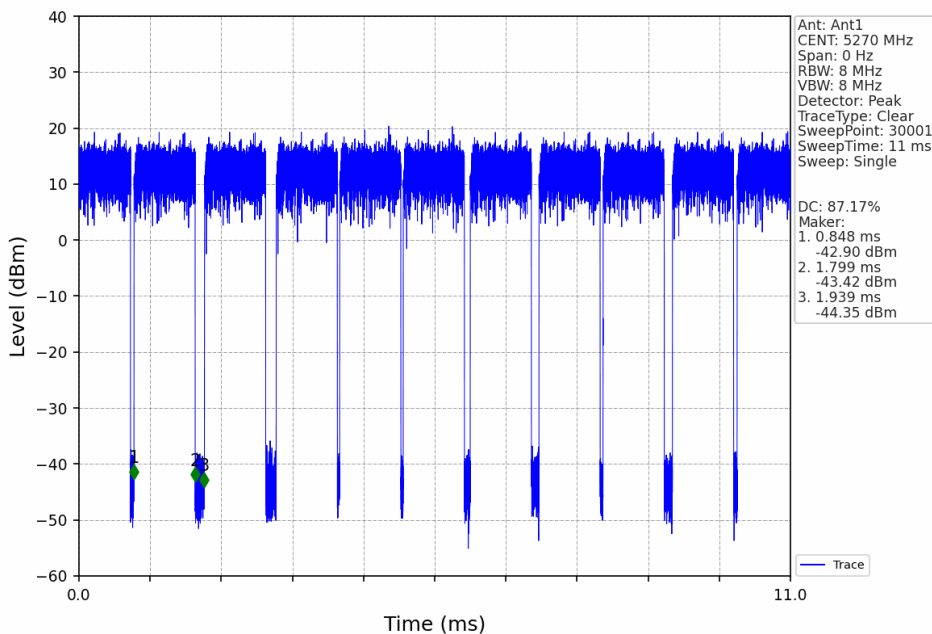
### 802.11n(HT40)\_LCH\_5190MHz\_Ant1\_NTNV



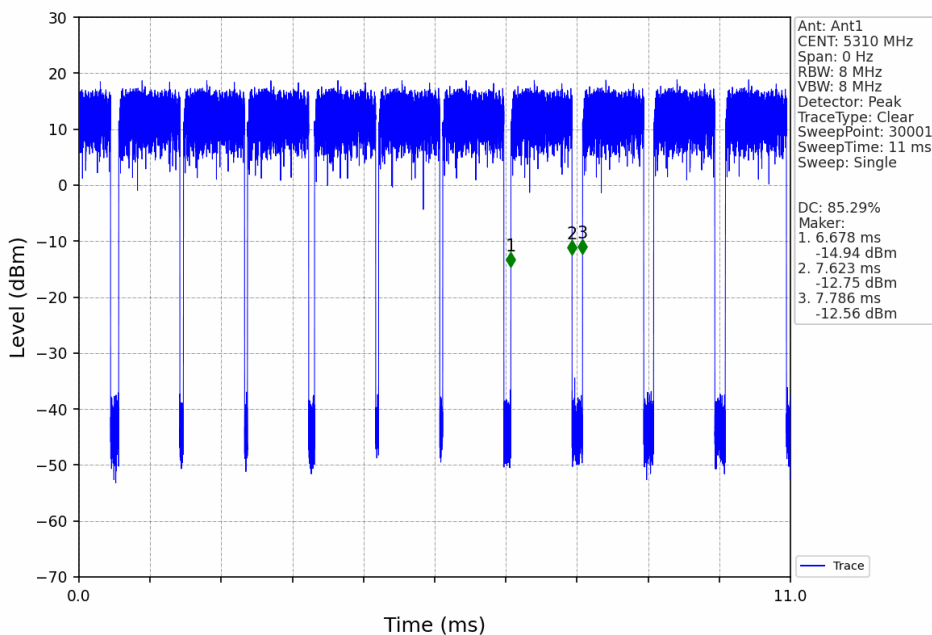
### 802.11n(HT40)\_HCH\_5230MHz\_Ant1\_NTNV



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

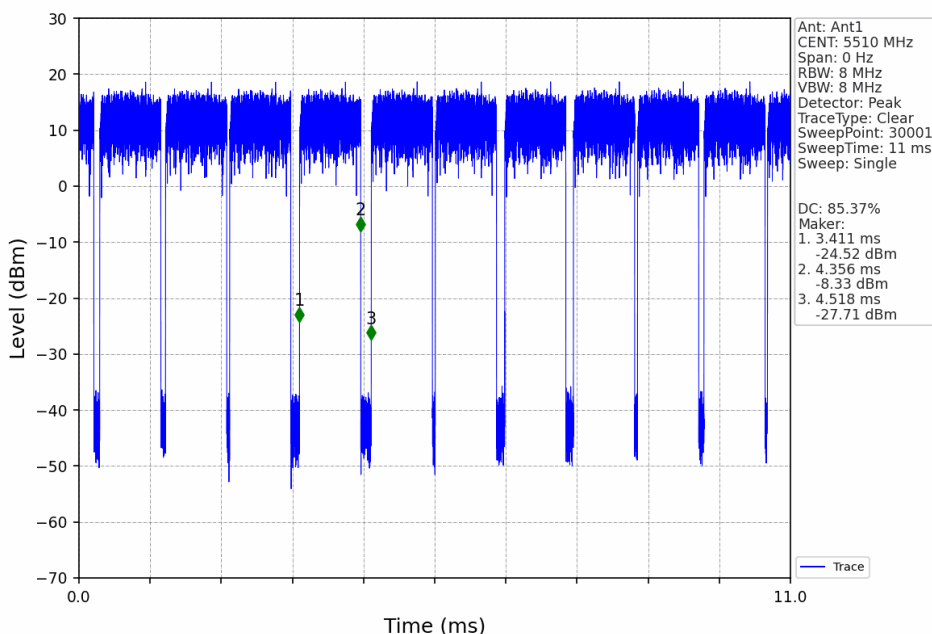


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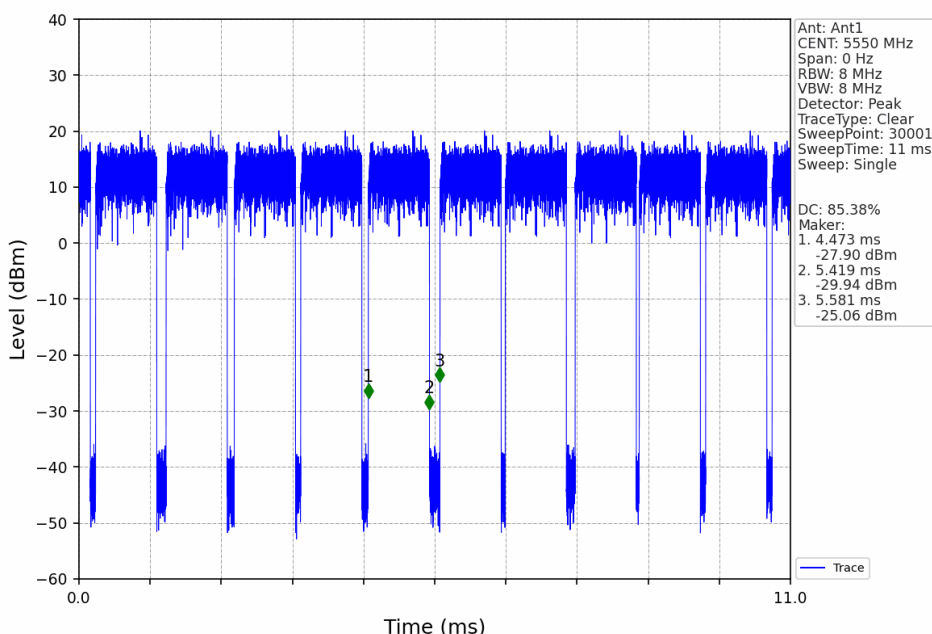




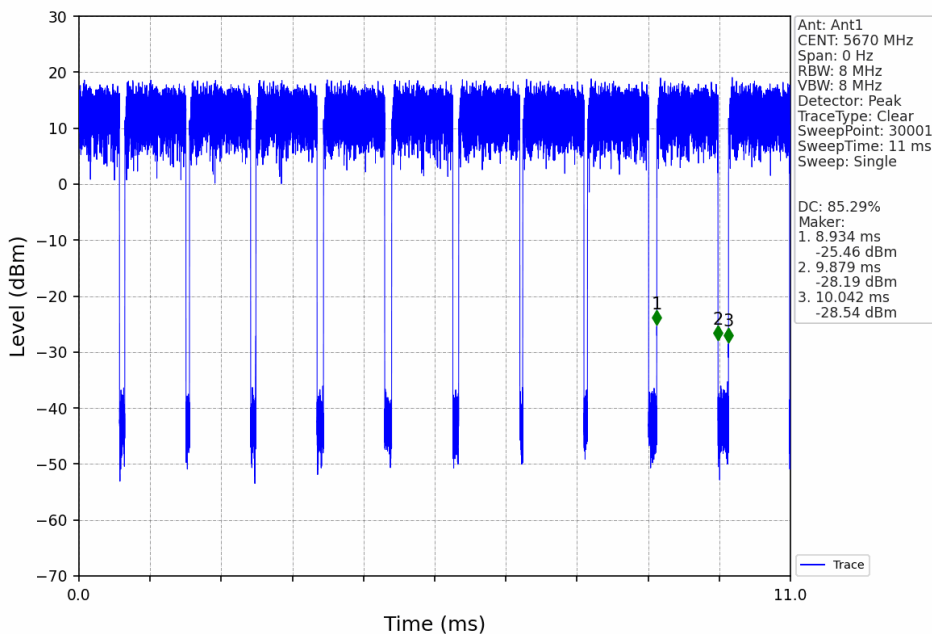
### 802.11n(HT40)\_LCH\_5510MHz\_Ant1\_NTNV



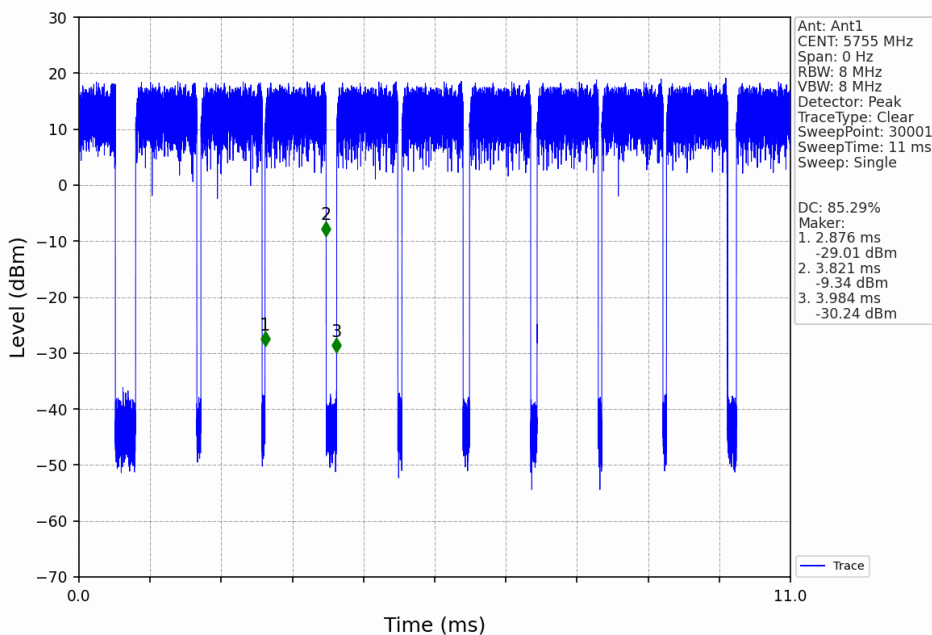
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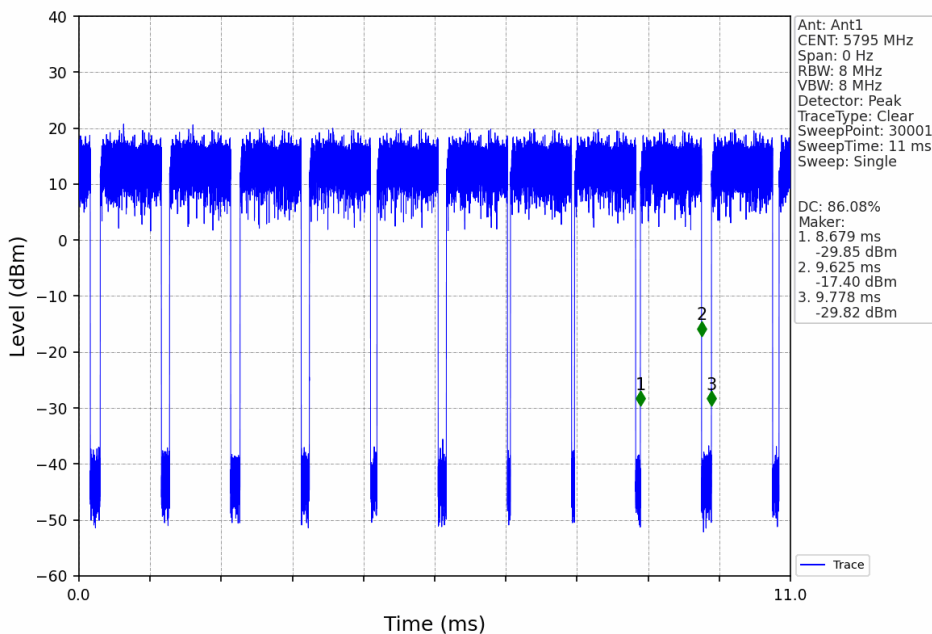
### 802.11n(HT40)\_HCH\_5670MHz\_Ant1\_NTNV



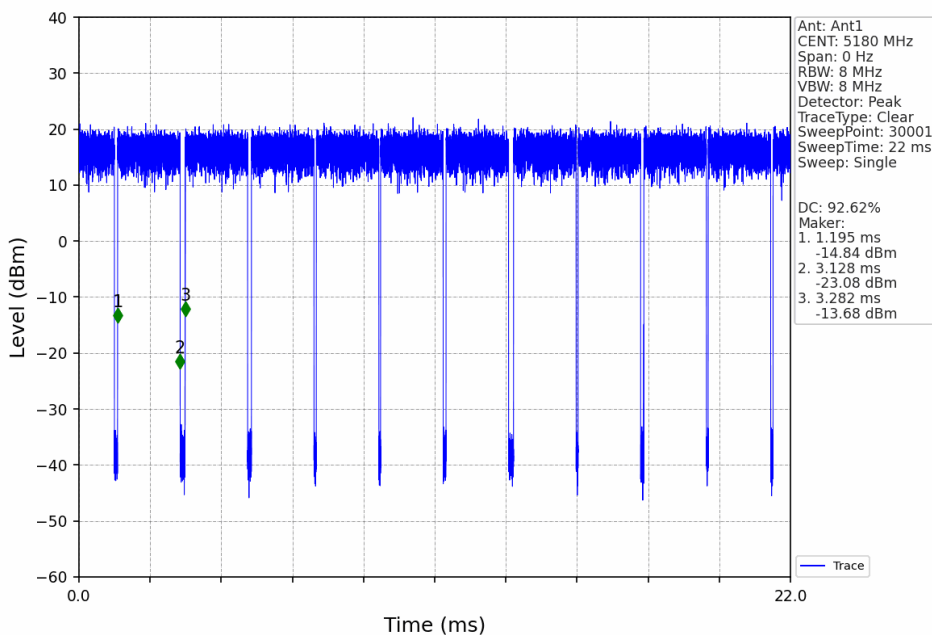
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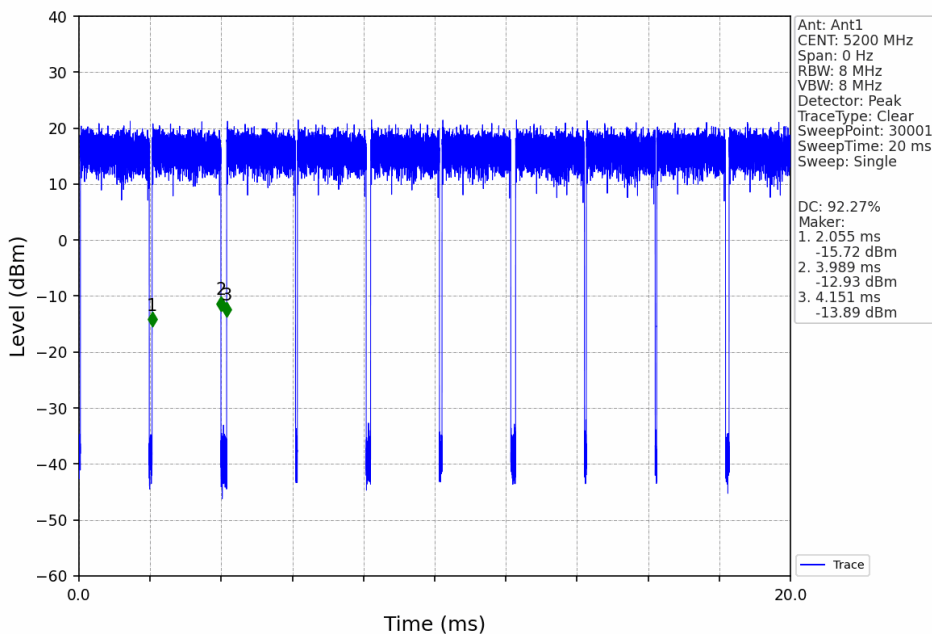
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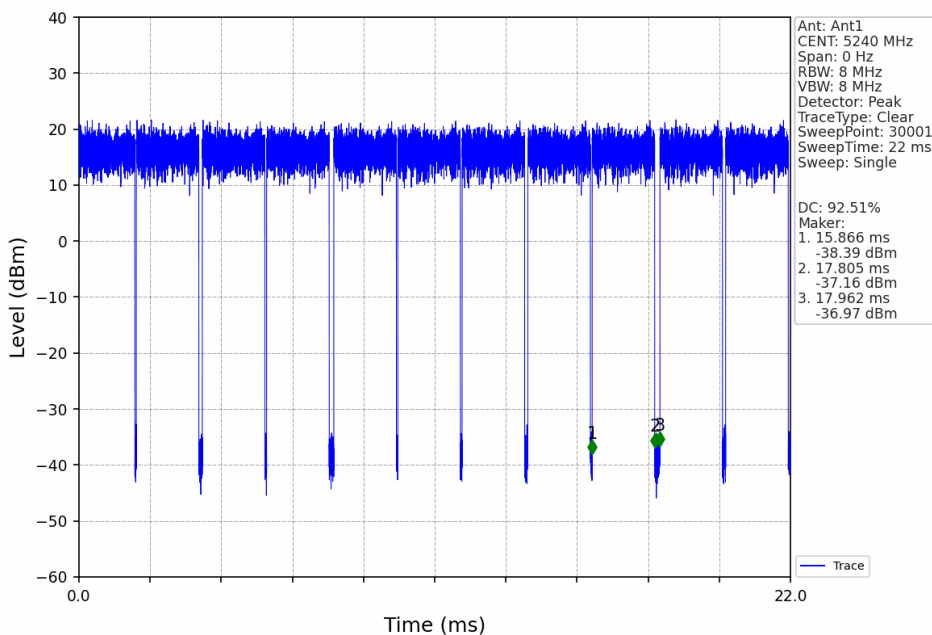
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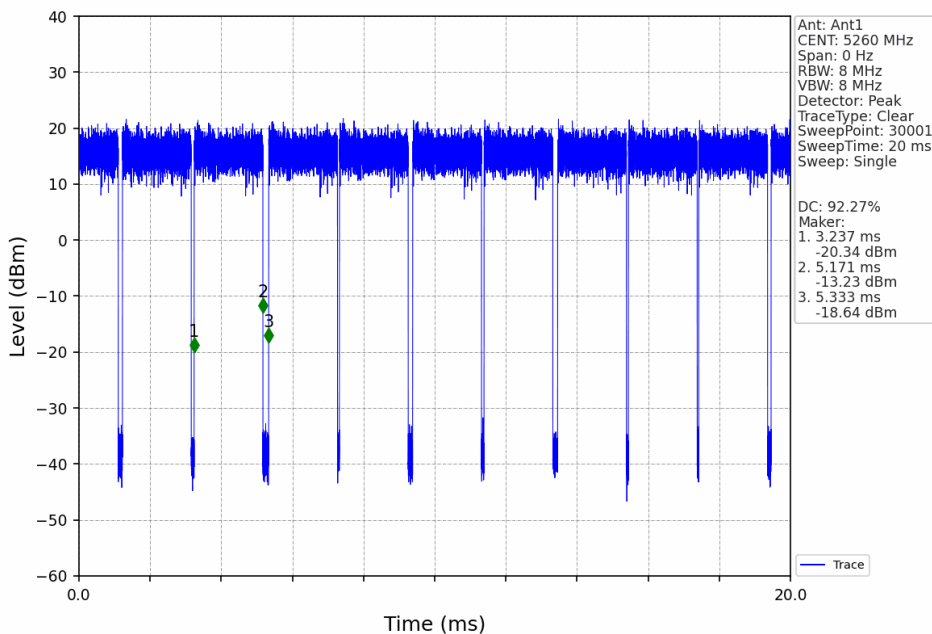


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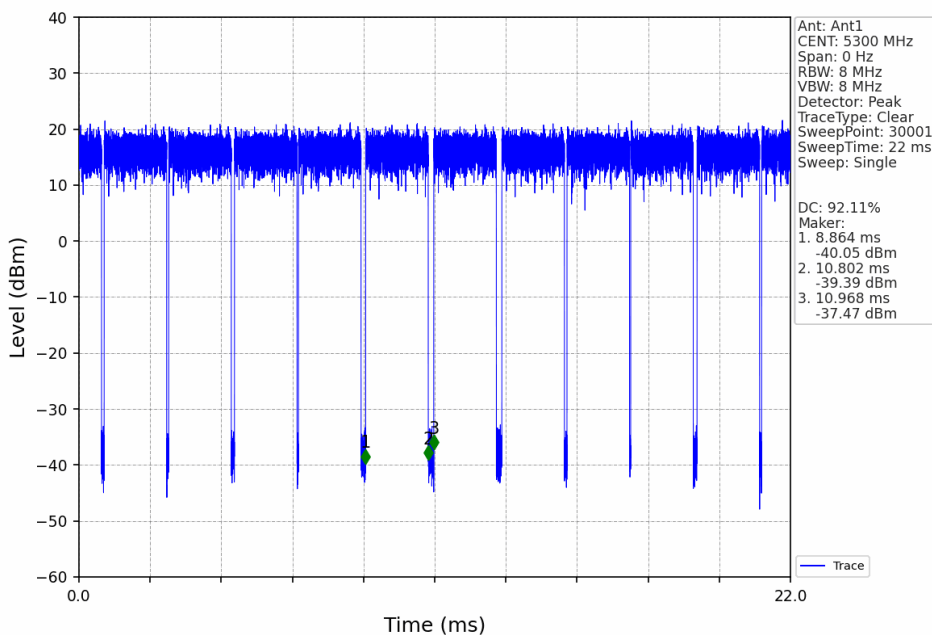




### 802.11ac(VHT20)\_LCH\_5260MHz\_Ant1\_NTNV



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



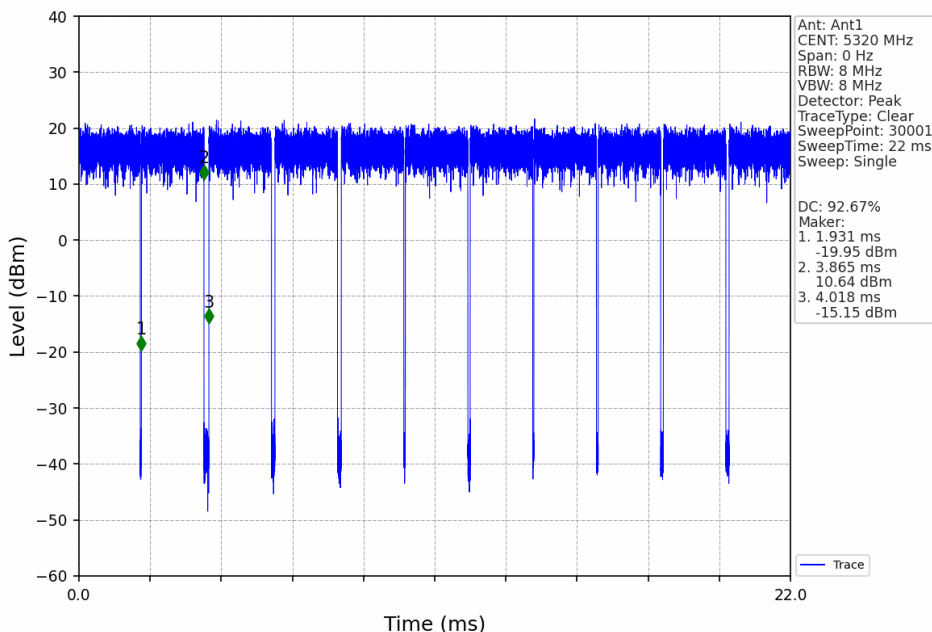
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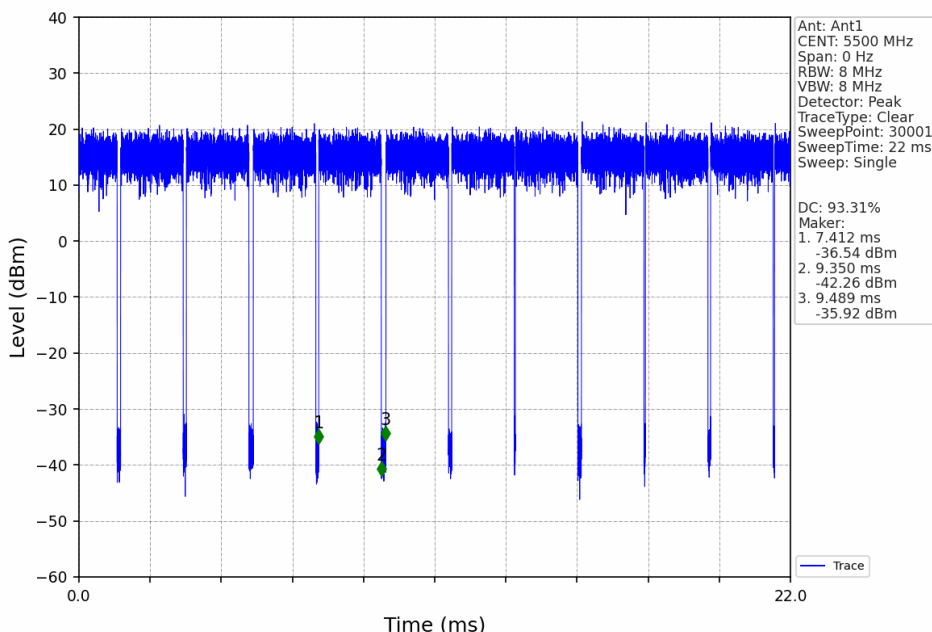
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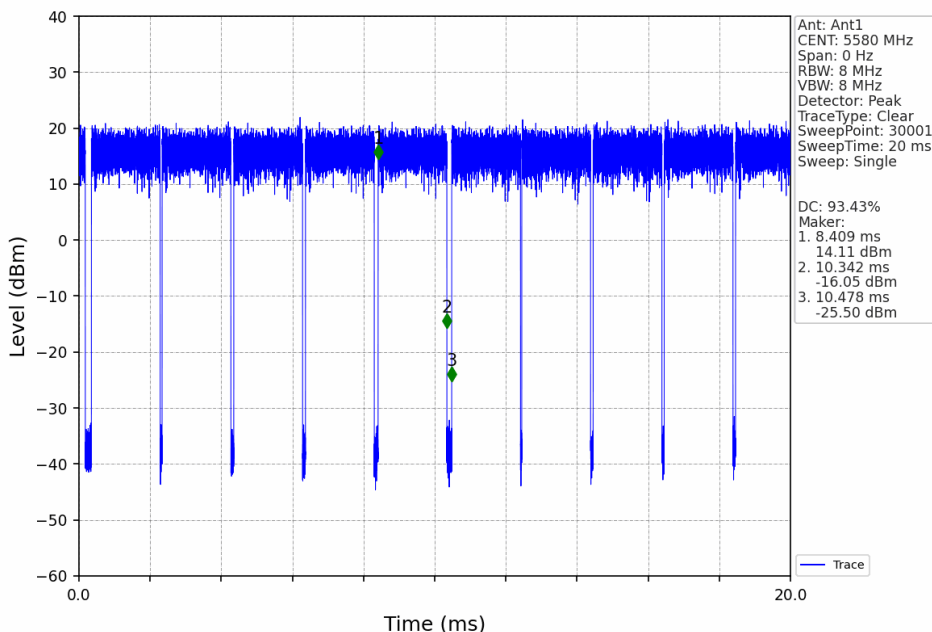
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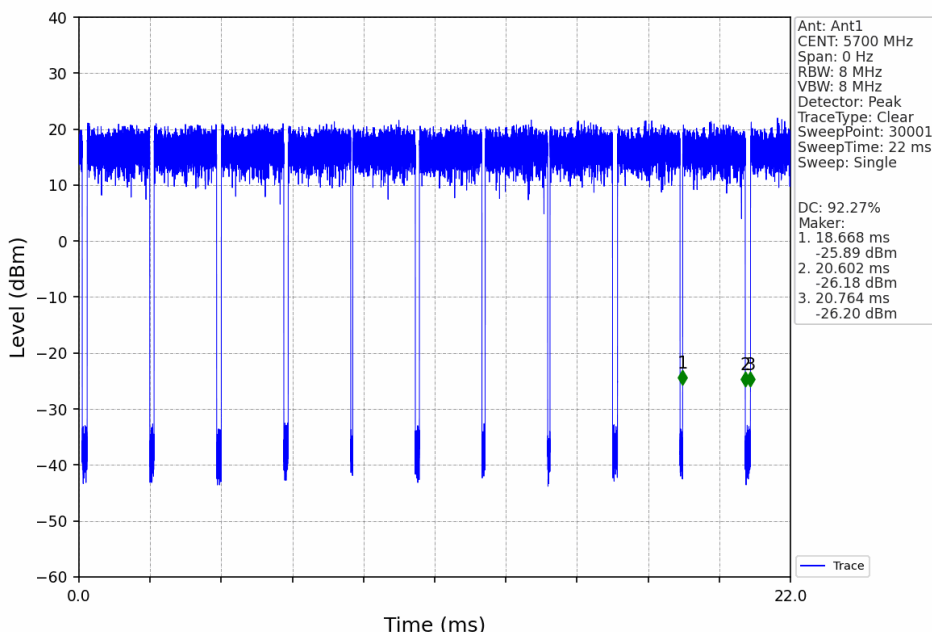
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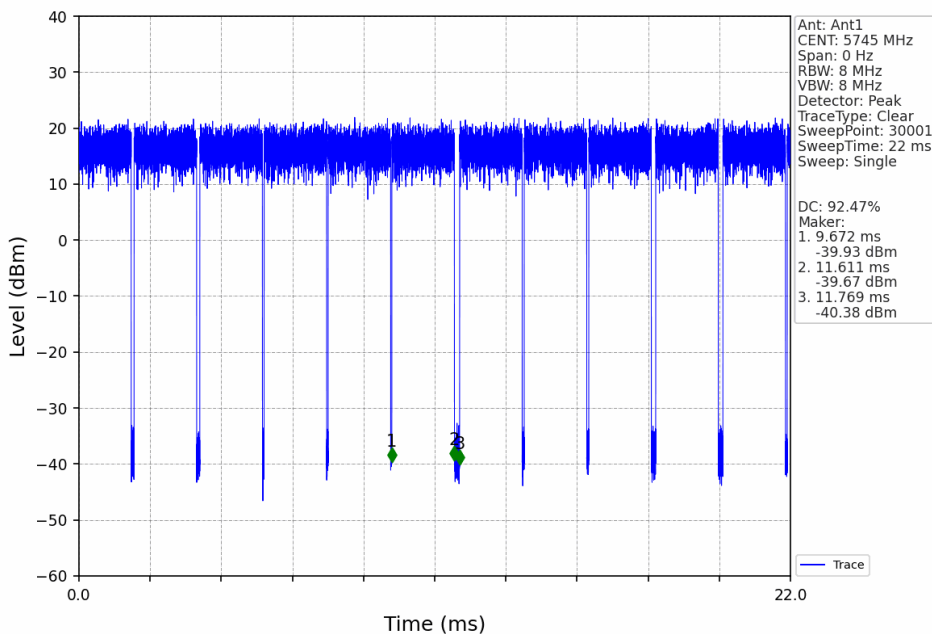
802.11ac(VHT20)\_MCH\_5580MHz\_Ant1\_NTNV



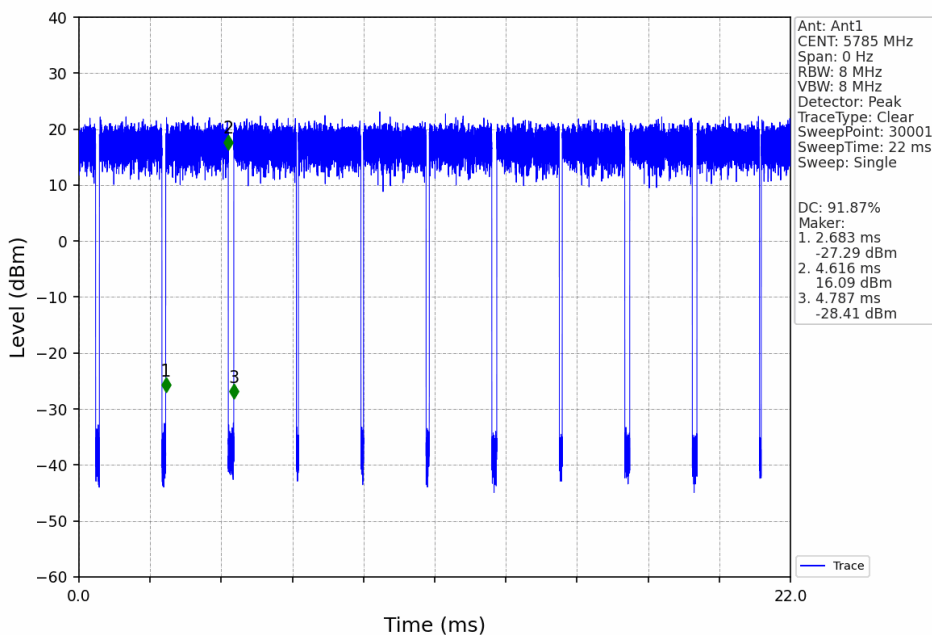
802.11ac(VHT20)\_HCH\_5700MHz\_Ant1\_NTNV



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

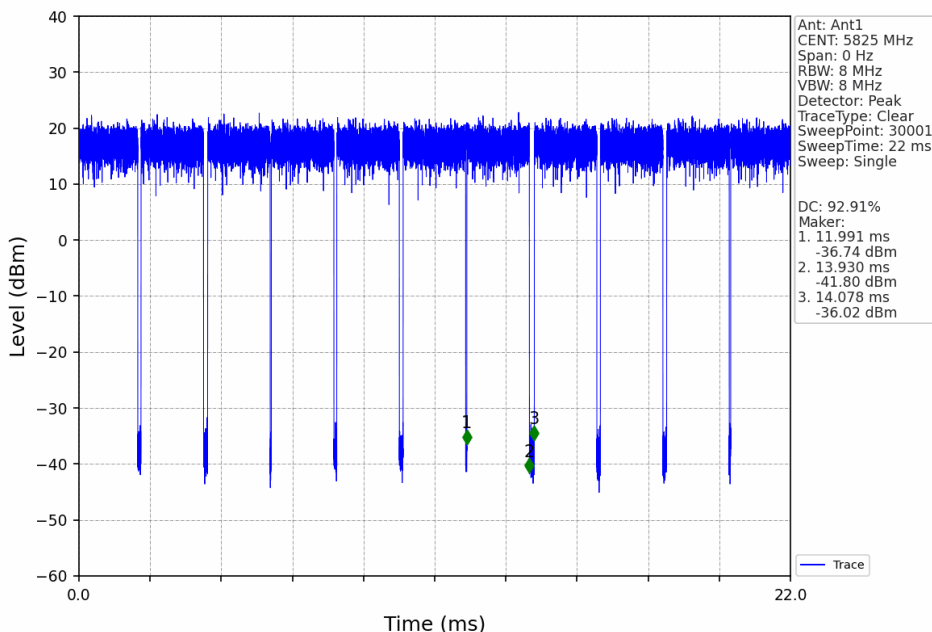


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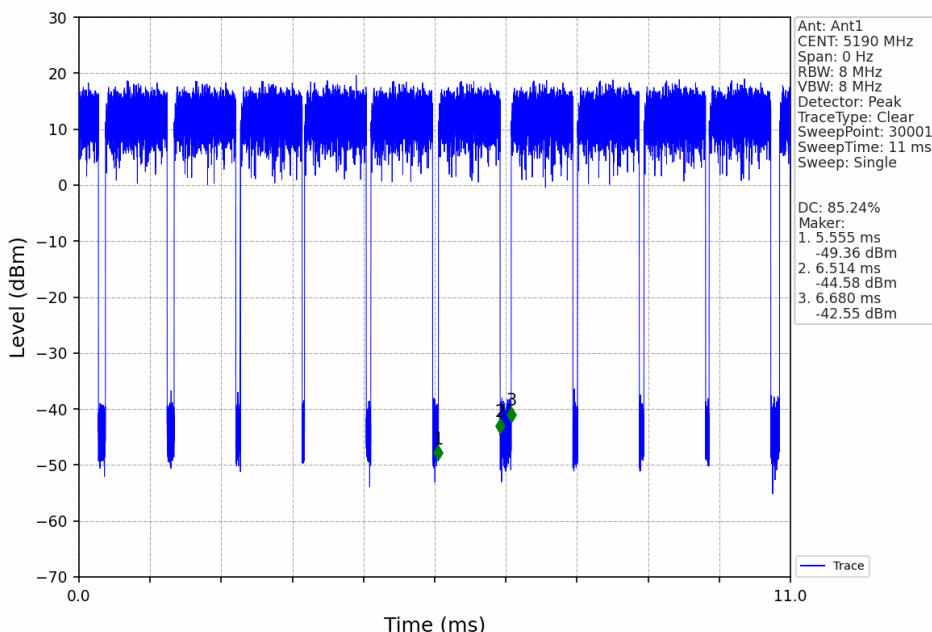




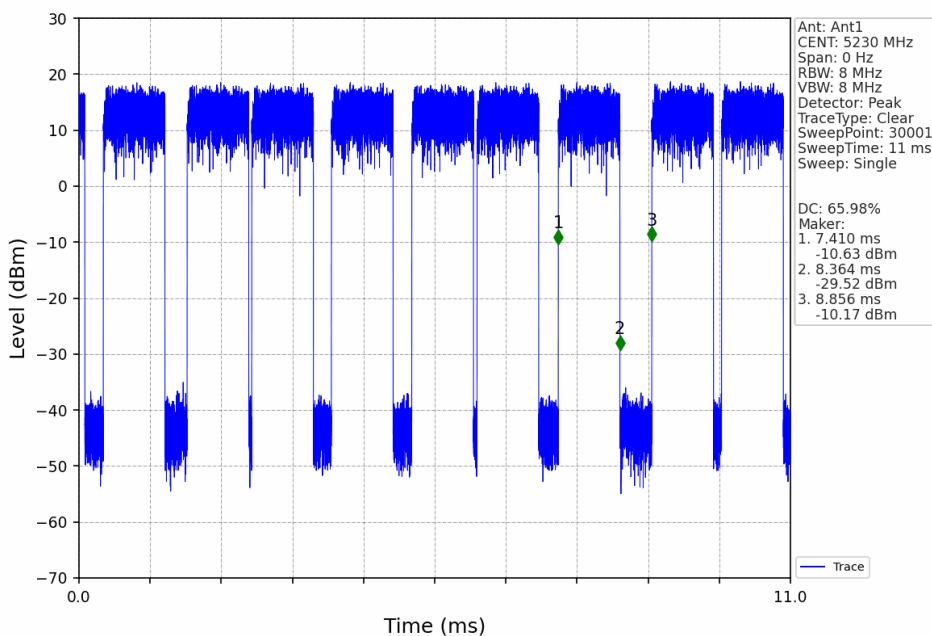
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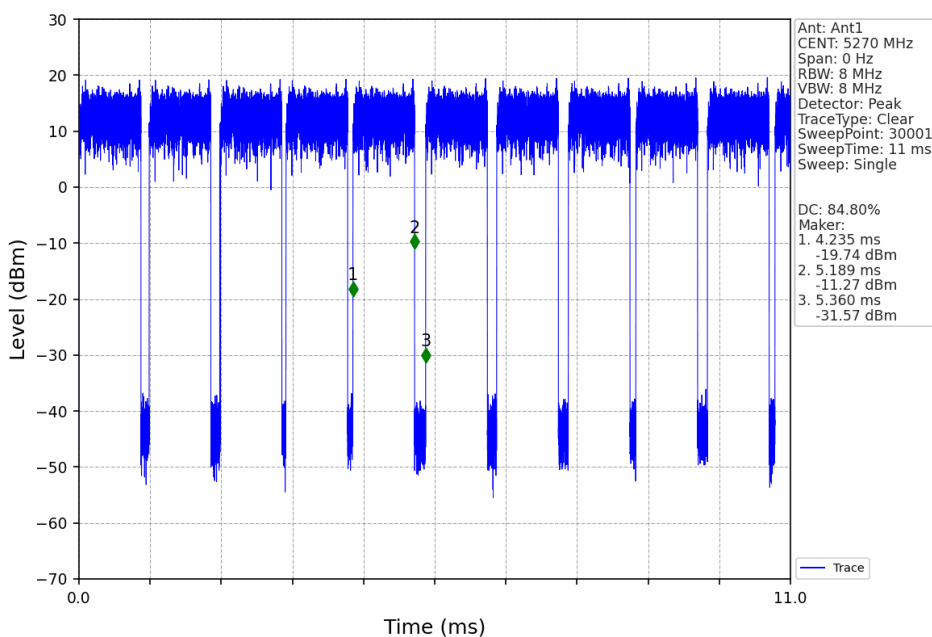
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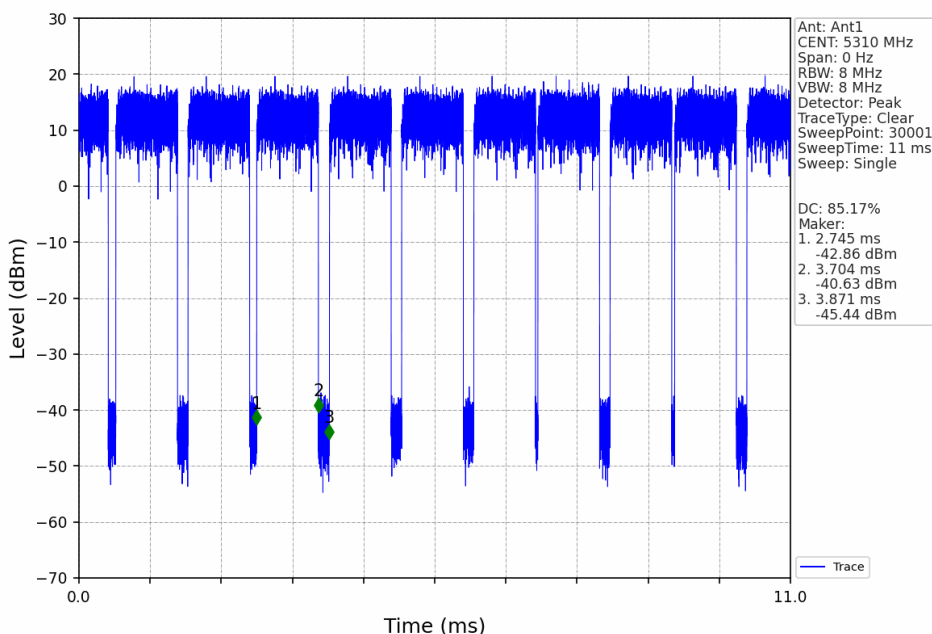
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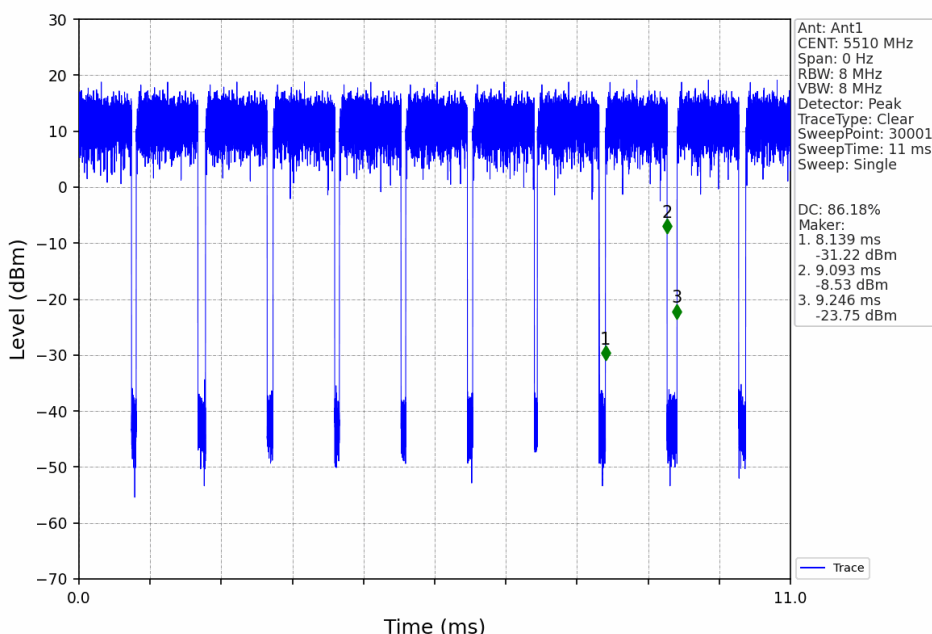
### 802.11ac(VHT40)\_LCH\_5270MHz\_Ant1\_NTNV



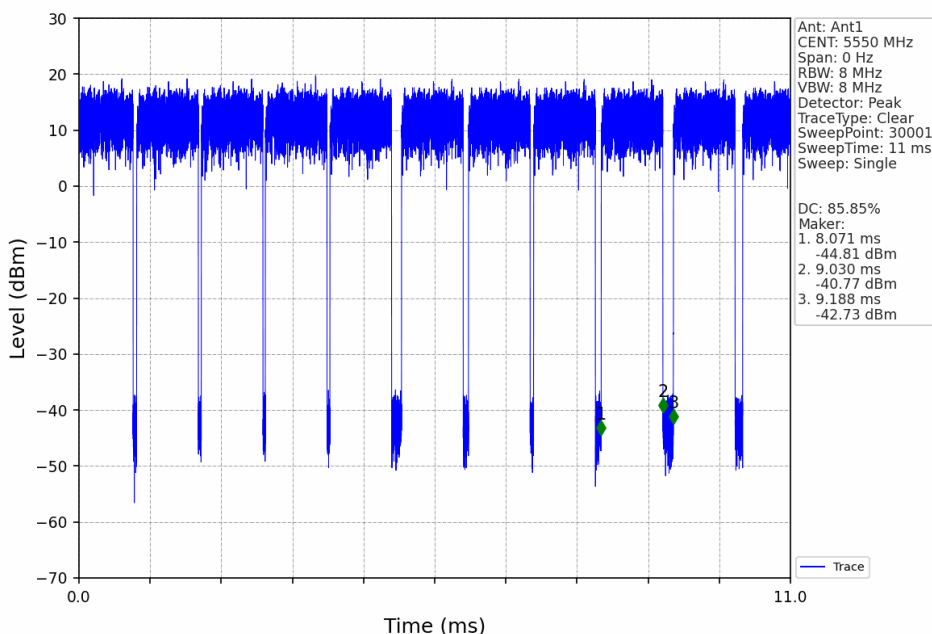
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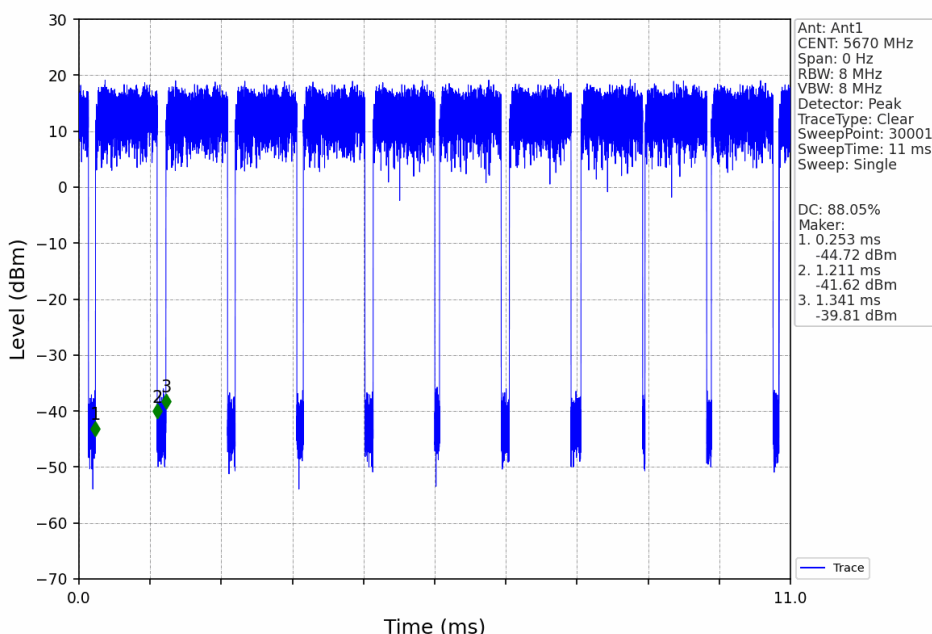
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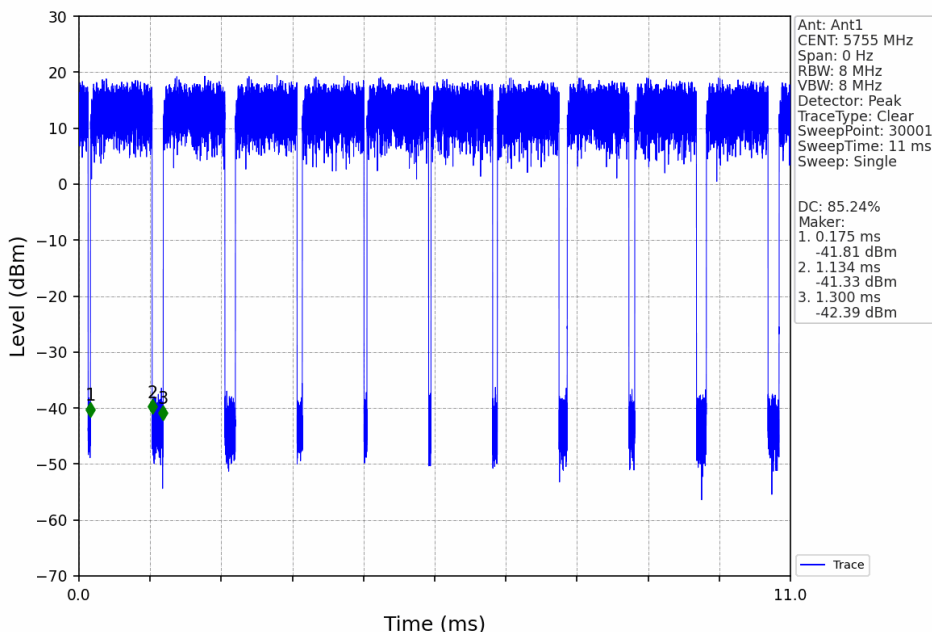


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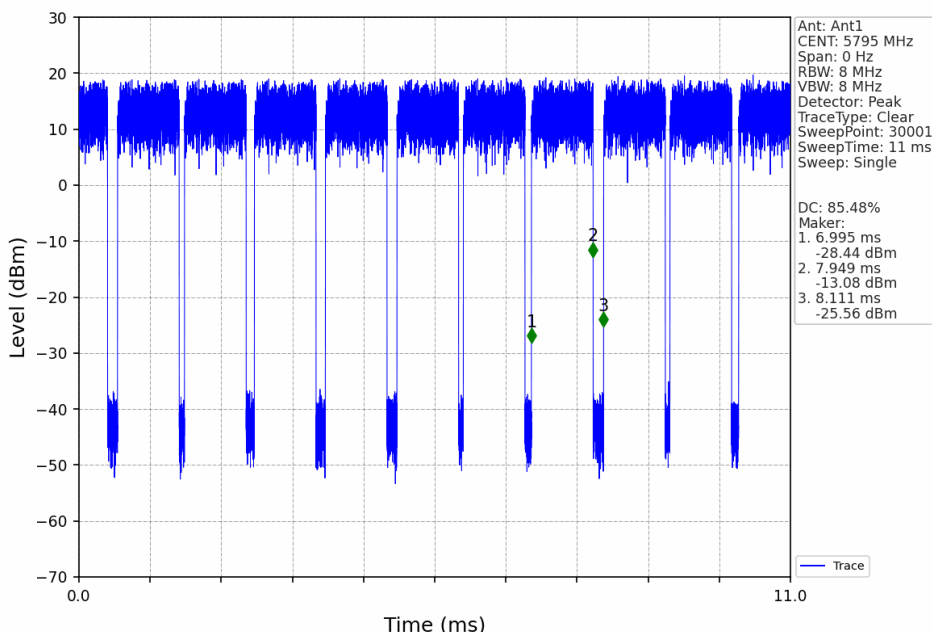




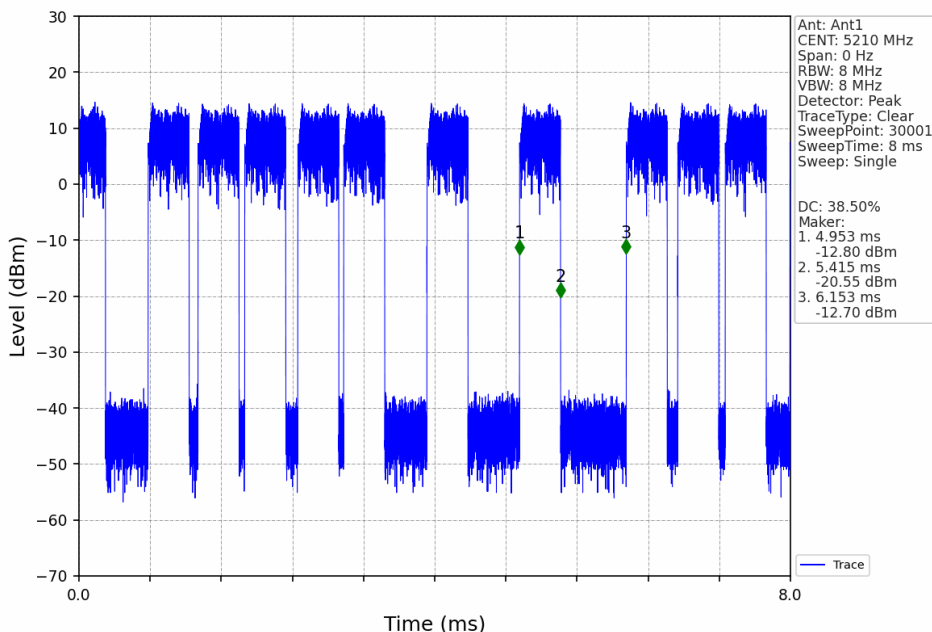
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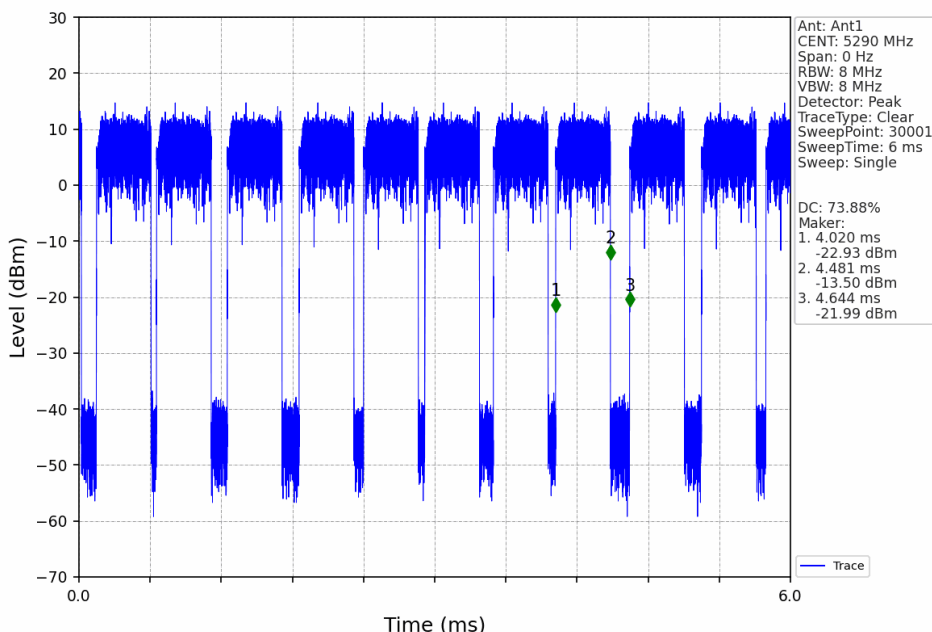
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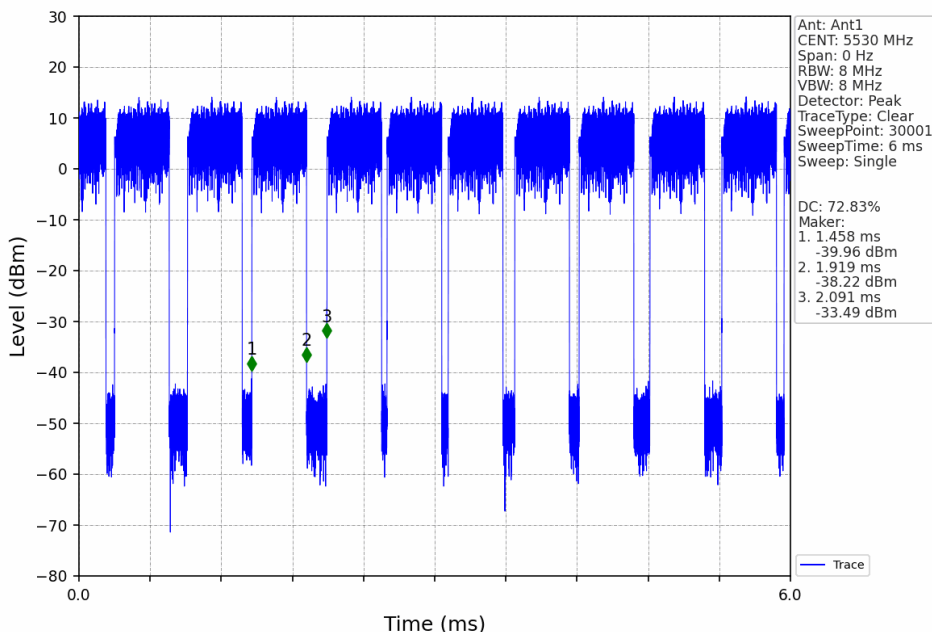
802.11ac(VHT80)\_MCH\_5210MHz\_Ant1\_NTNV



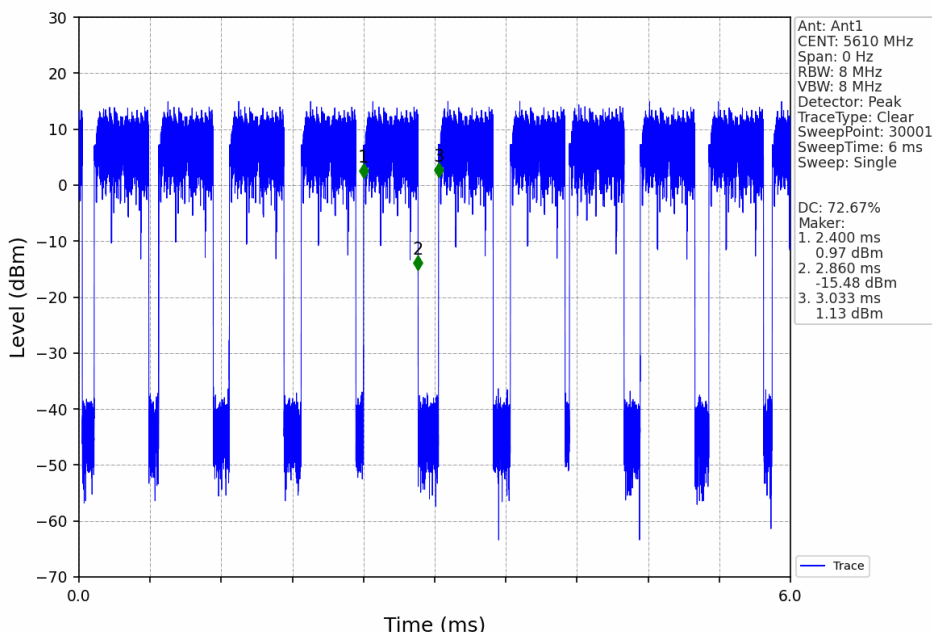
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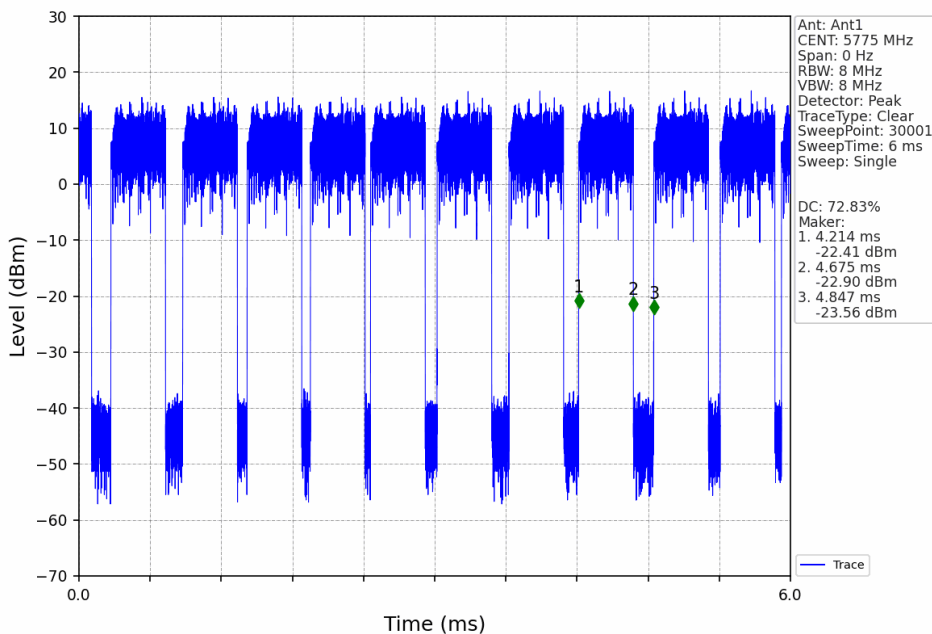
802.11ac(VHT80)\_LCH\_5530MHz\_Ant1\_NTNV



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



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



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## 2. Bandwidth

### 2.1 Test Result

#### 2.1.1 OBW

Mode	TX Type	Frequency (MHz)	ANT	99% Occupied Bandwidth (MHz)		Verdict
				Result	Limit	
802.11a	SISO	5180	1	17.164	/	Pass
		5200	1	17.586	/	Pass
		5240	1	17.665	/	Pass
		5260	1	17.569	/	Pass
		5300	1	17.503	/	Pass
		5320	1	17.466	/	Pass
		5500	1	17.476	/	Pass
		5580	1	17.697	/	Pass
		5700	1	18.272	/	Pass
		5745	1	18.296	/	Pass
		5785	1	21.809	/	Pass
		5825	1	21.141	/	Pass
802.11n (HT20)	SISO	5180	1	17.945	/	Pass
		5200	1	18.235	/	Pass
		5240	1	21.095	/	Pass
		5260	1	20.196	/	Pass
		5300	1	20.507	/	Pass
		5320	1	19.799	/	Pass
		5500	1	19.870	/	Pass
		5580	1	21.685	/	Pass
		5700	1	27.613	/	Pass
		5745	1	30.288	/	Pass
		5785	1	30.074	/	Pass
		5825	1	30.535	/	Pass
802.11n (HT40)	SISO	5190	1	38.779	/	Pass
		5230	1	38.587	/	Pass
		5270	1	38.144	/	Pass
		5310	1	37.650	/	Pass
		5510	1	38.609	/	Pass
		5550	1	41.621	/	Pass
		5670	1	45.942	/	Pass



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SZEMC-TRF-01 Rev. A/1

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		5755	1	54.671	/	Pass
		5795	1	56.876	/	Pass
802.11ac (VHT20)	SISO	5180	1	21.667	/	Pass
		5200	1	20.495	/	Pass
		5240	1	19.800	/	Pass
		5260	1	19.390	/	Pass
		5300	1	19.303	/	Pass
		5320	1	19.122	/	Pass
		5500	1	19.838	/	Pass
		5580	1	22.191	/	Pass
		5700	1	27.382	/	Pass
		5745	1	30.489	/	Pass
		5785	1	29.938	/	Pass
		5825	1	29.983	/	Pass
802.11ac (VHT40)	SISO	5190	1	38.225	/	Pass
		5230	1	38.055	/	Pass
		5270	1	37.814	/	Pass
		5310	1	38.102	/	Pass
		5510	1	37.908	/	Pass
		5550	1	39.764	/	Pass
		5670	1	47.499	/	Pass
		5755	1	56.462	/	Pass
802.11ac (VHT80)	SISO	5795	1	56.803	/	Pass
		5210	1	77.678	/	Pass
		5290	1	77.432	/	Pass
		5530	1	78.508	/	Pass
		5610	1	82.699	/	Pass
		5775	1	114.476	/	Pass

### 2.1.2 6dB BW

Mode	TX Type	Frequency (MHz)	ANT	6dB Bandwidth (MHz)		Verdict
				Result	Limit	
802.11a	SISO	5745	1	16.357	>=0.5	Pass
		5785	1	16.380	>=0.5	Pass
		5825	1	16.364	>=0.5	Pass
802.11n (HT20)	SISO	5745	1	16.545	>=0.5	Pass
		5785	1	16.319	>=0.5	Pass
		5825	1	16.999	>=0.5	Pass
802.11n	SISO	5755	1	35.788	>=0.5	Pass



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(HT40)		5795	1	36.060	$\geq 0.5$	Pass
802.11ac (VHT20)	SISO	5745	1	16.287	$\geq 0.5$	Pass
		5785	1	17.189	$\geq 0.5$	Pass
		5825	1	16.558	$\geq 0.5$	Pass
802.11ac (VHT40)	SISO	5755	1	35.214	$\geq 0.5$	Pass
		5795	1	35.663	$\geq 0.5$	Pass
802.11ac (VHT80)	SISO	5775	1	75.198	$\geq 0.5$	Pass

### 2.1.3 26dB BW

Mode	TX Type	Frequency (MHz)	ANT	26dB Bandwidth (MHz)		Verdict
				Result	Limit	
802.11a	SISO	5180	1	19.398	/	Pass
		5200	1	20.658	/	Pass
		5240	1	20.594	/	Pass
		5260	1	20.691	/	Pass
		5300	1	20.534	/	Pass
		5320	1	20.568	/	Pass
		5500	1	20.503	/	Pass
		5580	1	20.877	/	Pass
		5700	1	25.965	/	Pass
802.11n (HT20)	SISO	5180	1	20.448	/	Pass
		5200	1	20.653	/	Pass
		5240	1	37.514	/	Pass
		5260	1	37.010	/	Pass
		5300	1	35.950	/	Pass
		5320	1	36.932	/	Pass
		5500	1	35.304	/	Pass
		5580	1	36.878	/	Pass
		5700	1	42.825	/	Pass
802.11n (HT40)	SISO	5190	1	78.382	/	Pass
		5230	1	75.015	/	Pass
		5270	1	72.629	/	Pass
		5310	1	76.142	/	Pass
		5510	1	77.486	/	Pass
		5550	1	81.348	/	Pass
		5670	1	91.669	/	Pass
802.11ac (VHT20)	SISO	5180	1	36.729	/	Pass
		5200	1	37.053	/	Pass
		5240	1	35.129	/	Pass



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		5260	1	33.606	/	Pass
		5300	1	31.794	/	Pass
		5320	1	30.932	/	Pass
		5500	1	33.653	/	Pass
		5580	1	36.556	/	Pass
		5700	1	42.290	/	Pass
802.11ac (VHT40)	SISO	5190	1	74.660	/	Pass
		5230	1	75.304	/	Pass
		5270	1	80.459	/	Pass
		5310	1	72.674	/	Pass
		5510	1	75.341	/	Pass
		5550	1	78.966	/	Pass
802.11ac (VHT80)	SISO	5670	1	88.444	/	Pass
		5210	1	139.790	/	Pass
		5290	1	136.694	/	Pass
		5530	1	155.786	/	Pass
		5610	1	150.585	/	Pass



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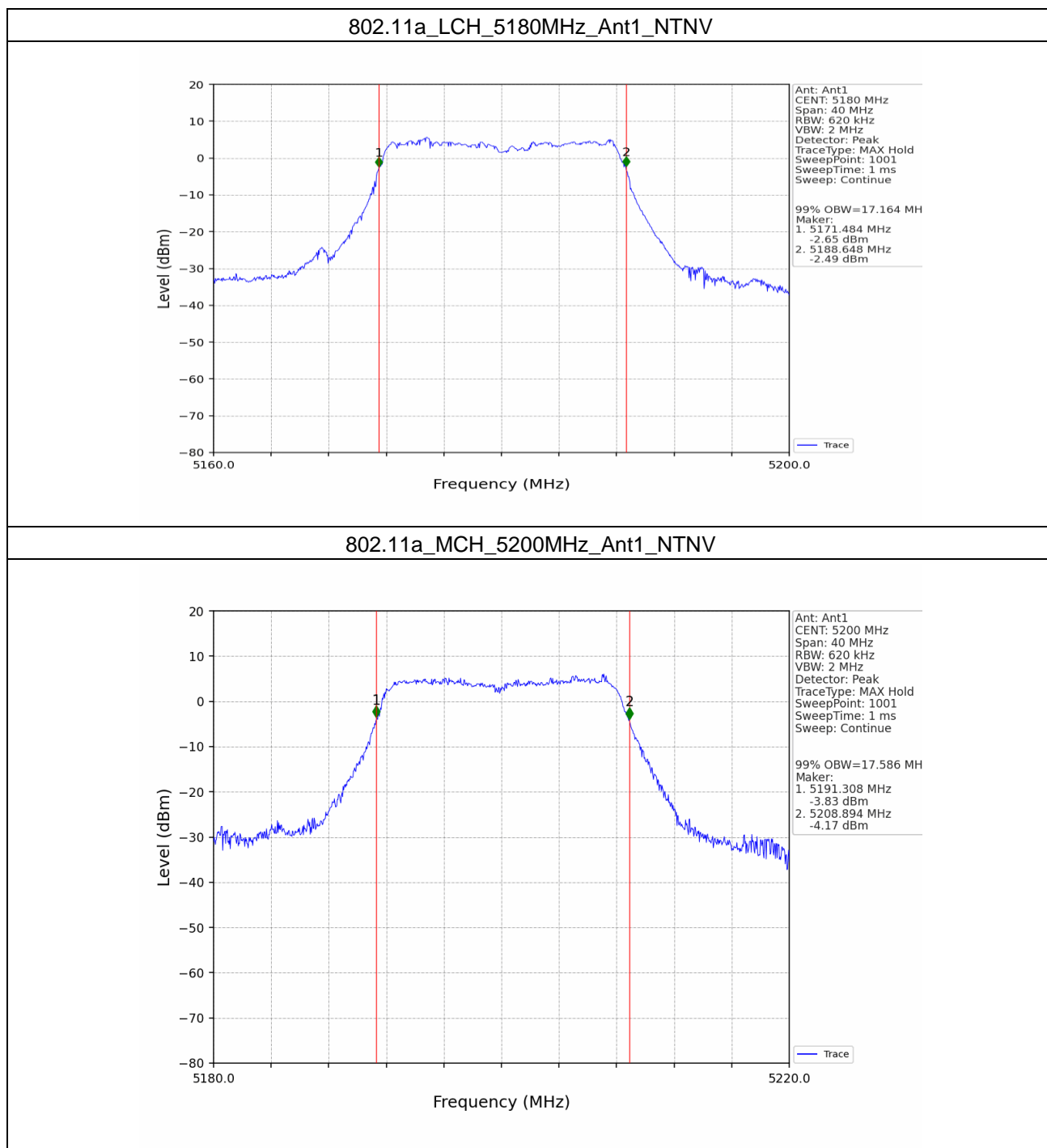
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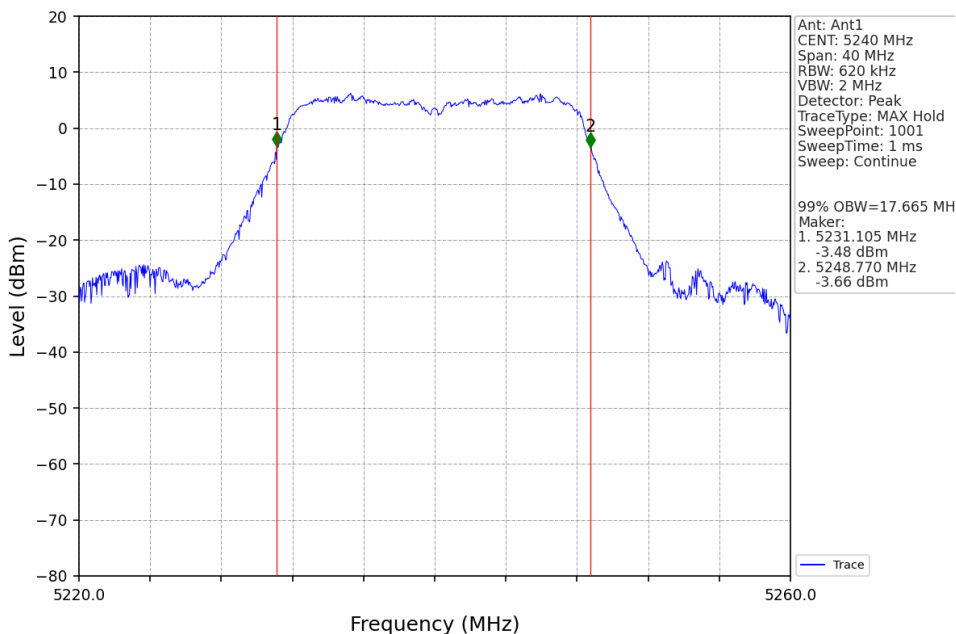


## 2.2 Test Graph

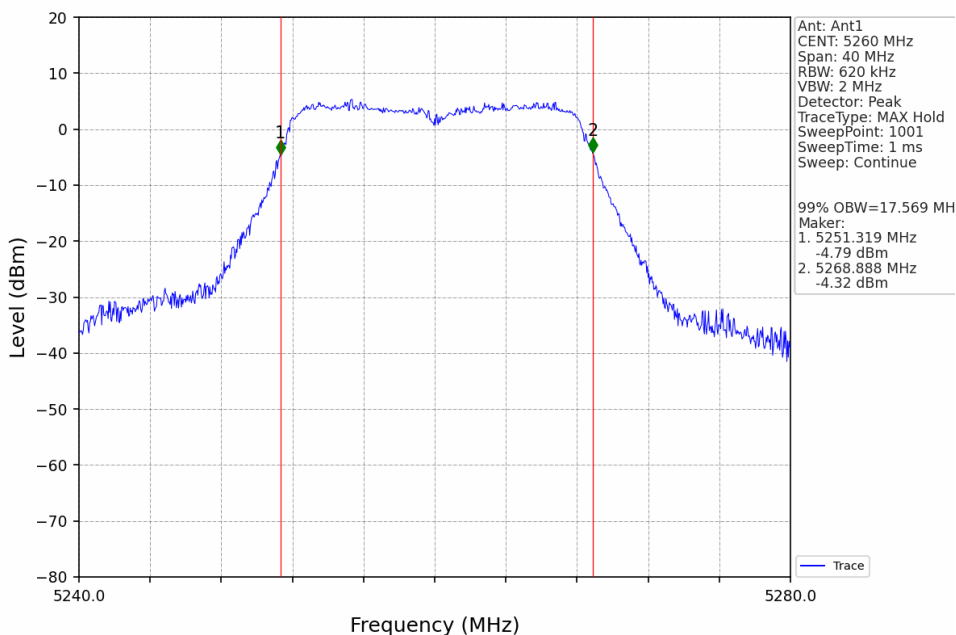
### 2.2.1 OBW



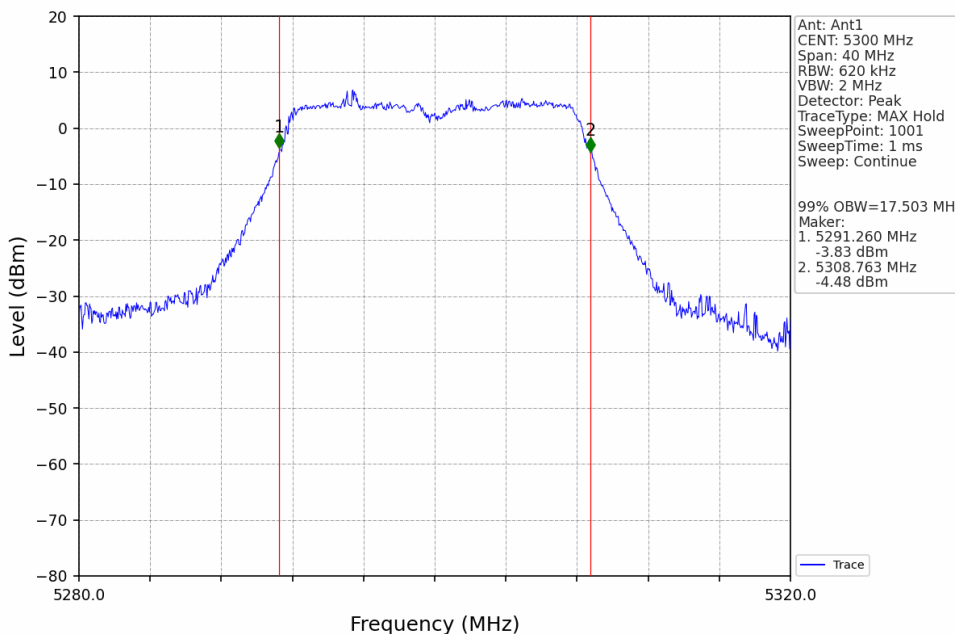
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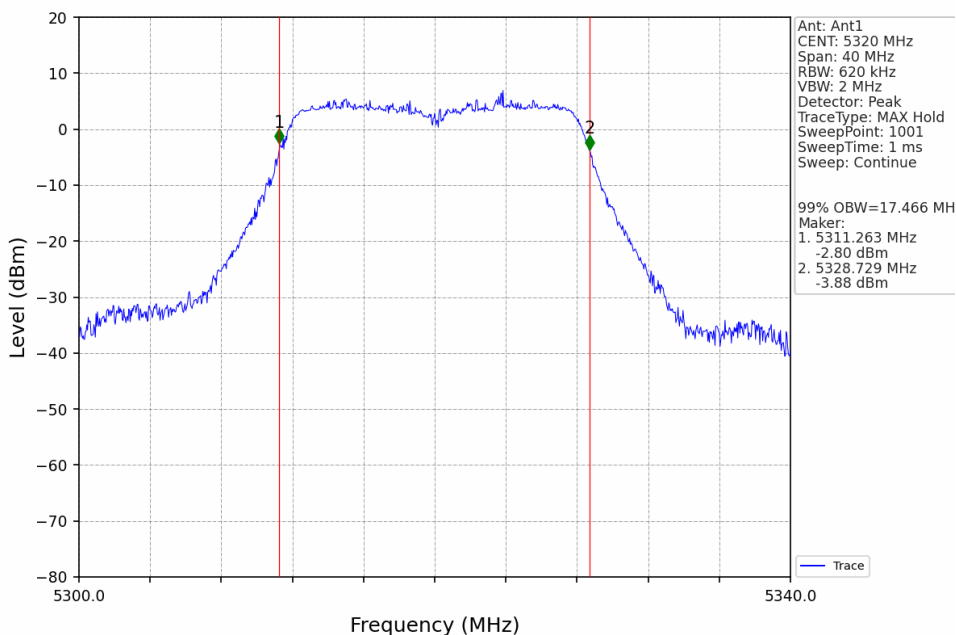
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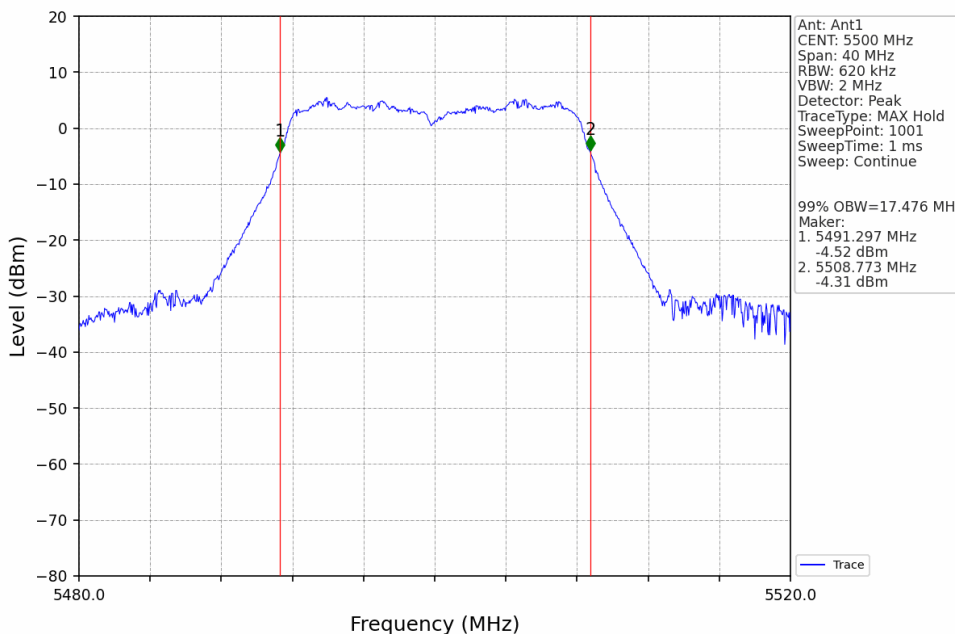
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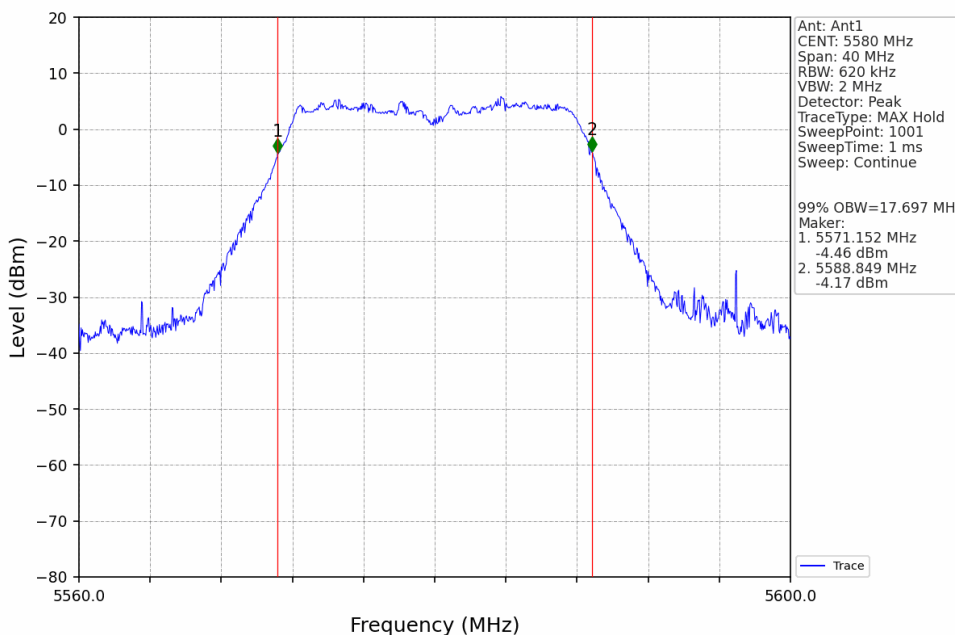
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802.11a\_LCH\_5500MHz\_Ant1\_NTNV

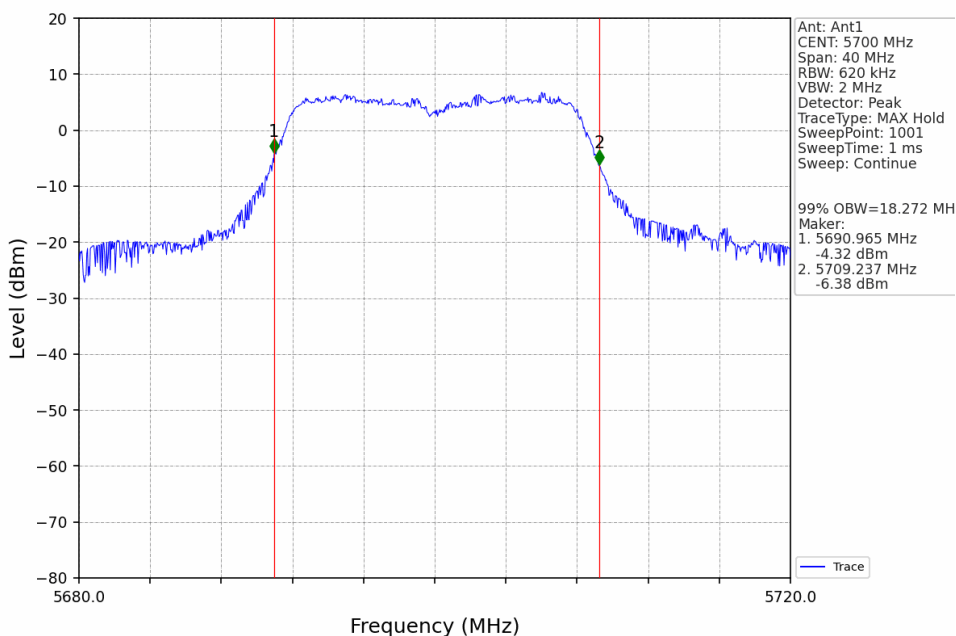


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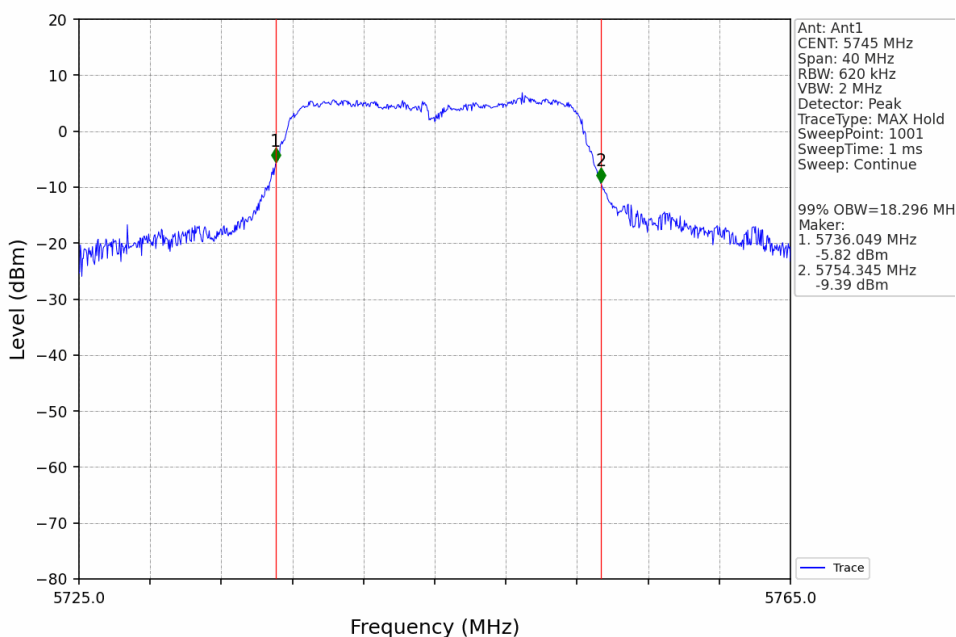




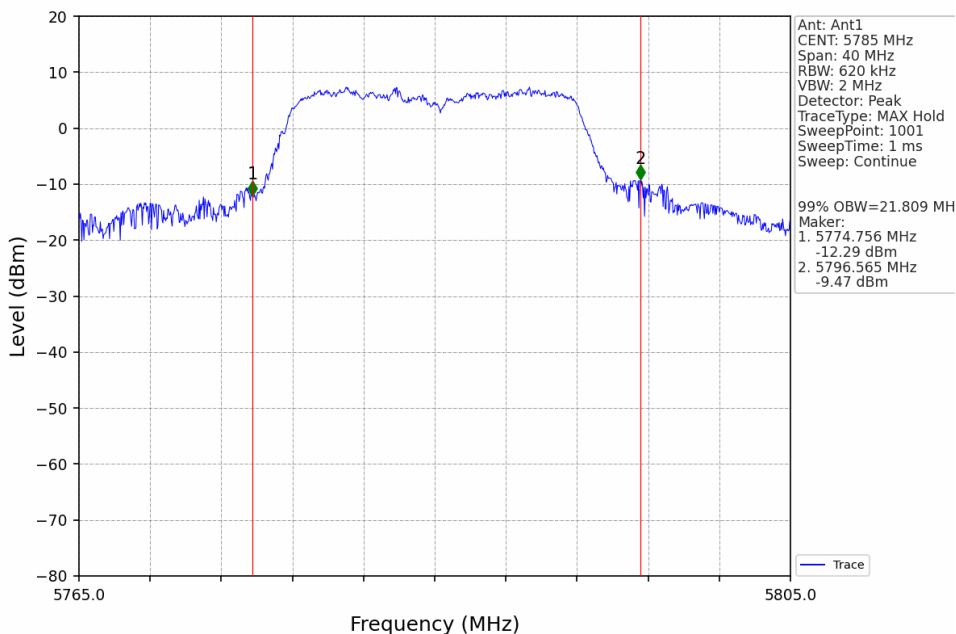
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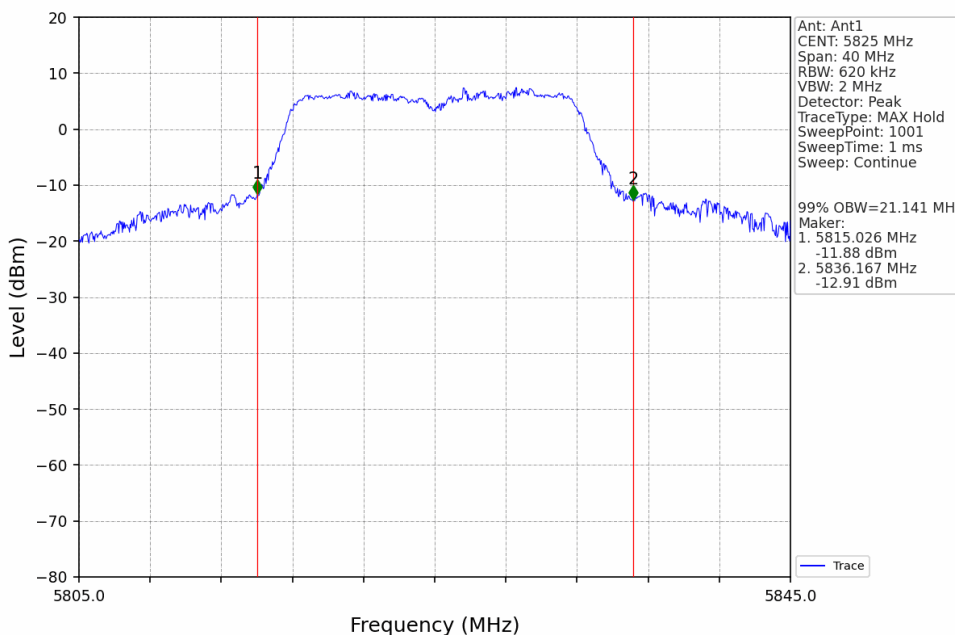
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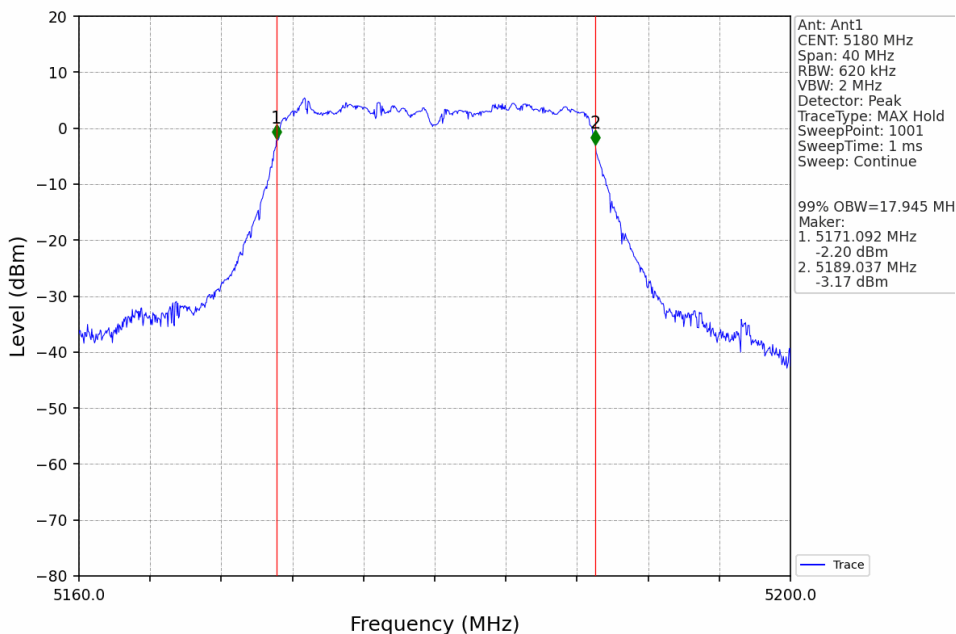
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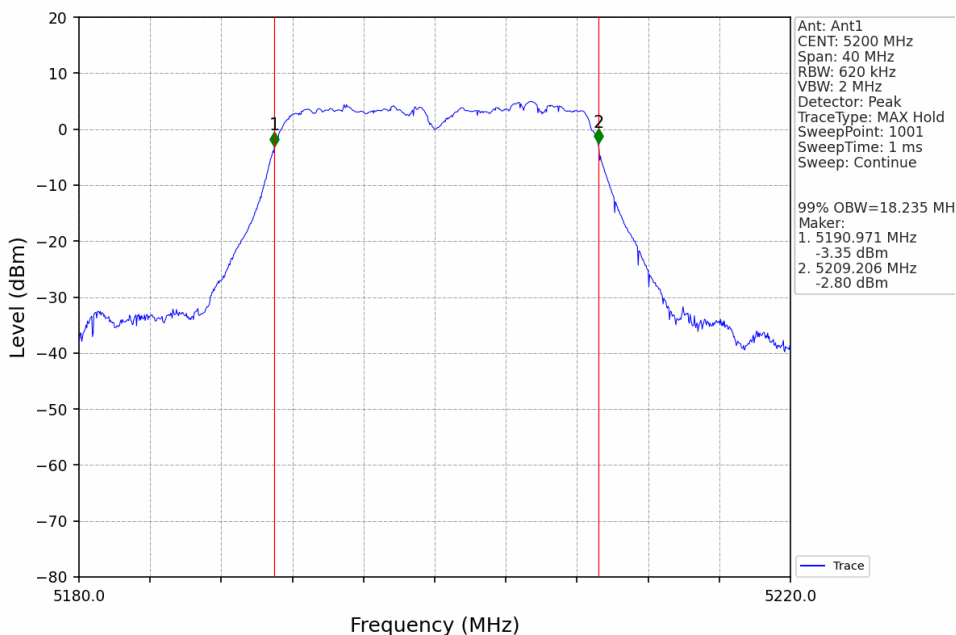
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802.11n(HT20)\_LCH\_5180MHz\_Ant1\_NTNV



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

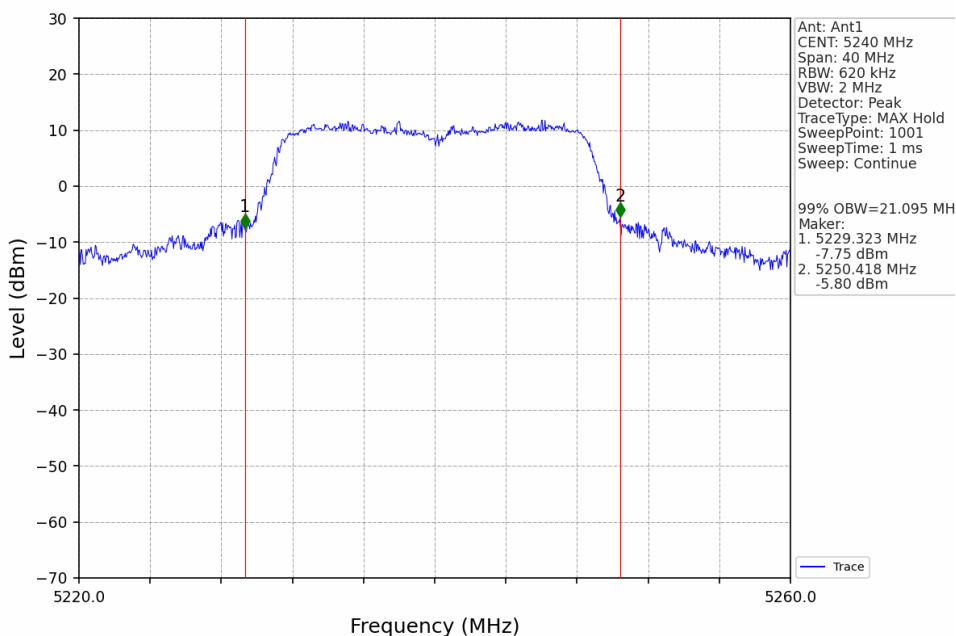


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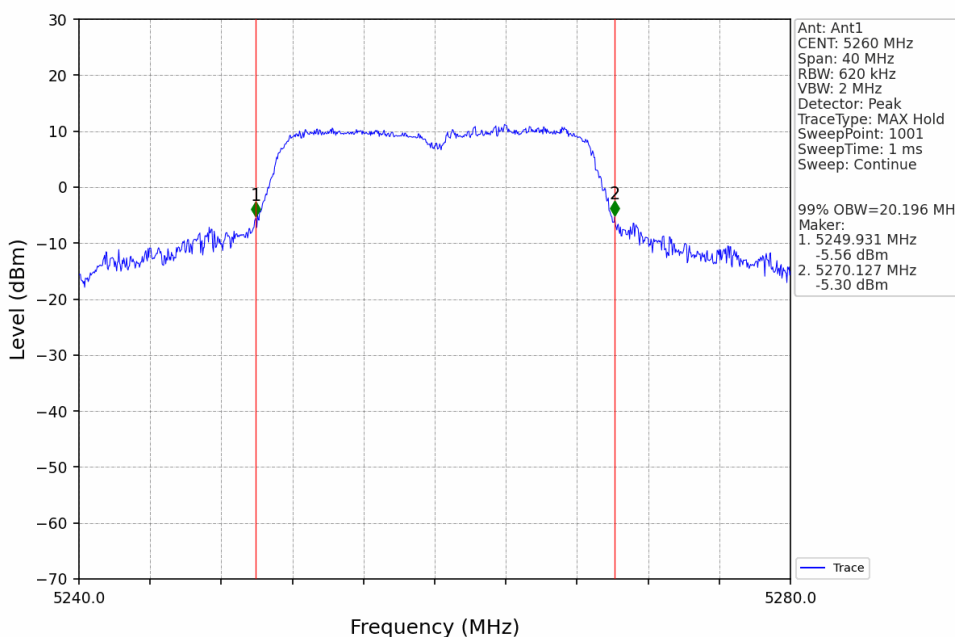
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802.11n(HT20)\_HCH\_5240MHz\_Ant1\_NTNV

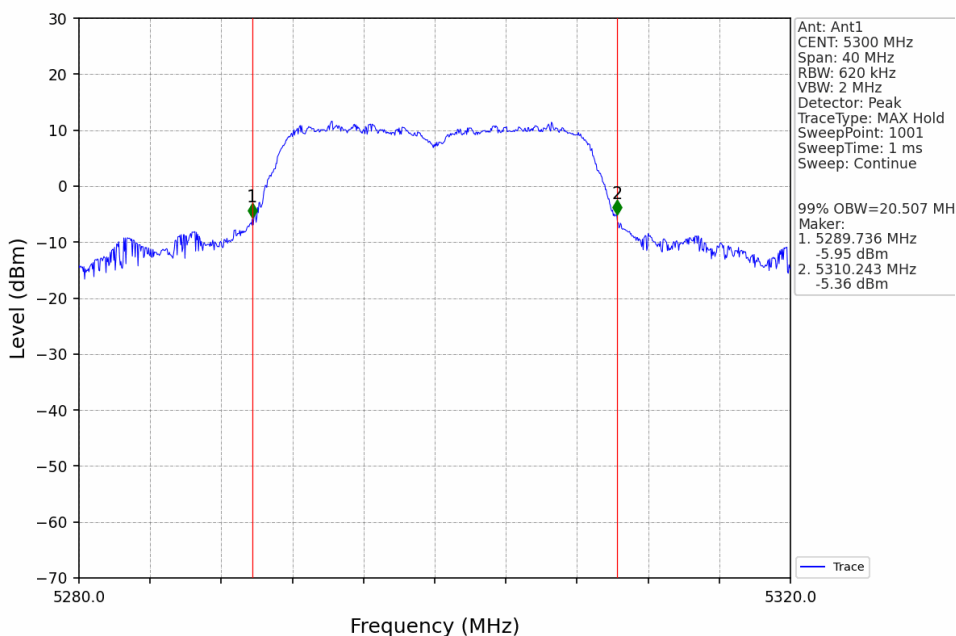


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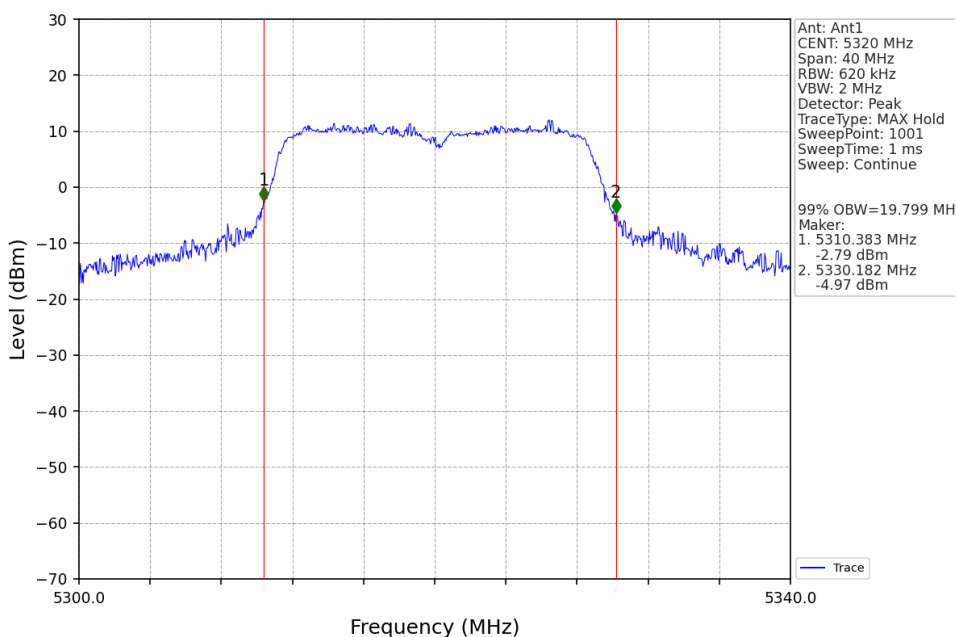




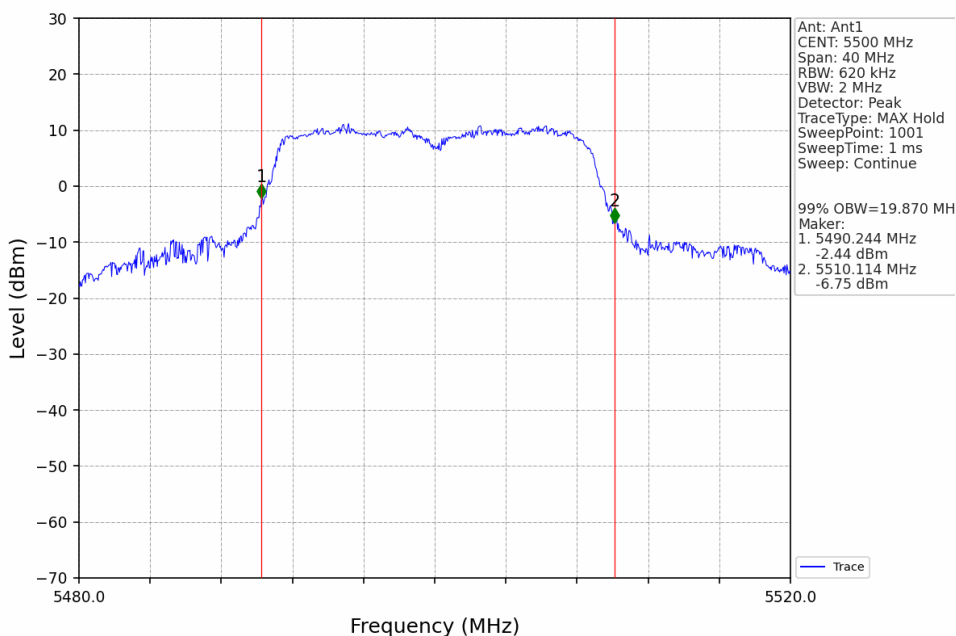
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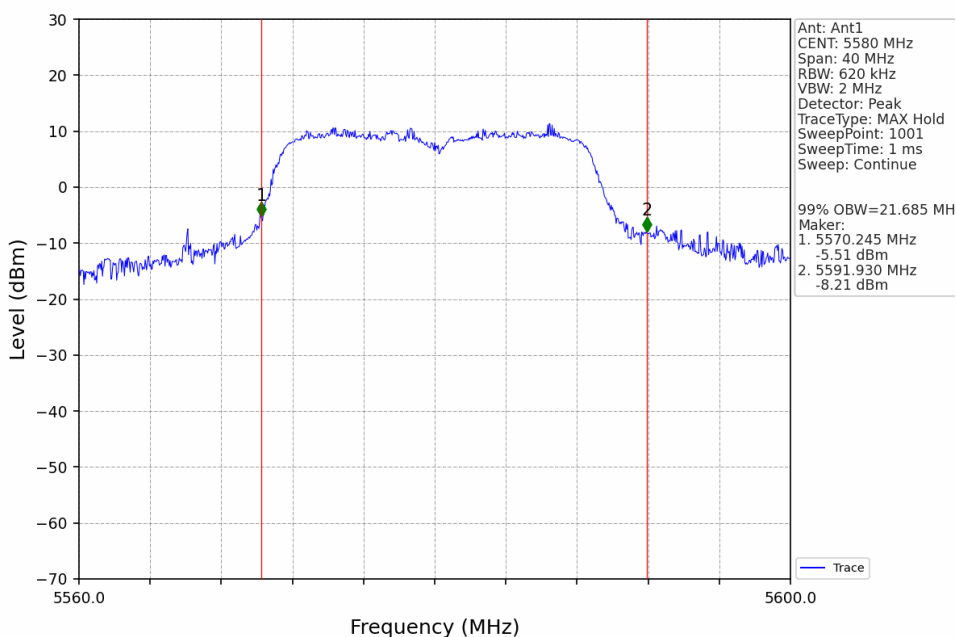
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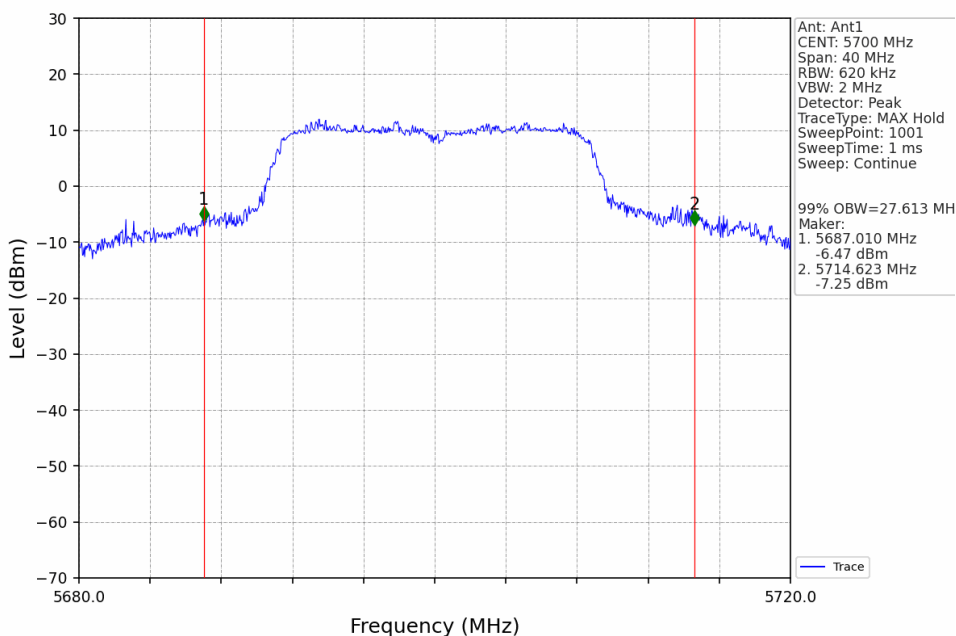
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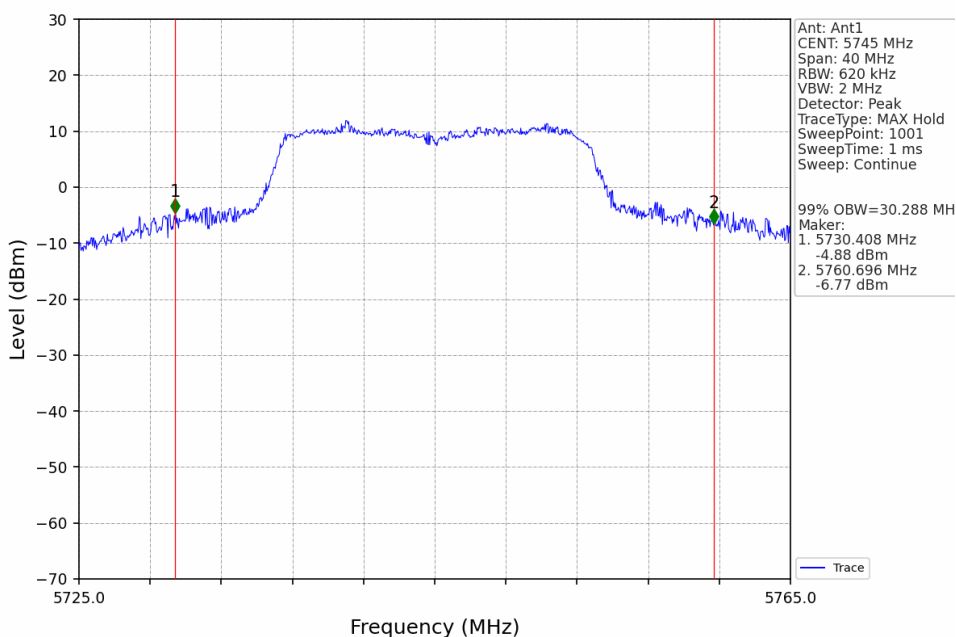
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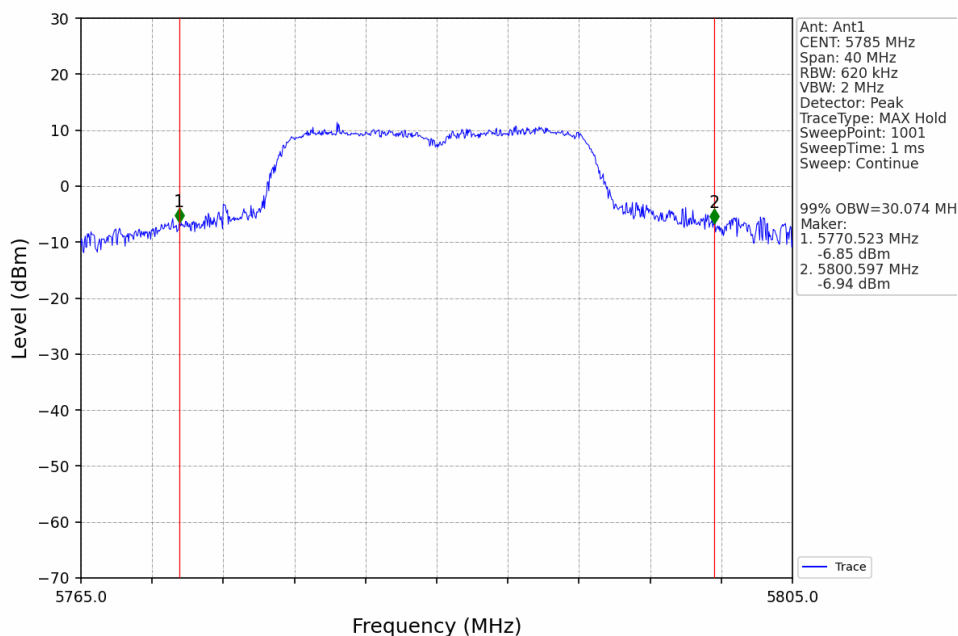
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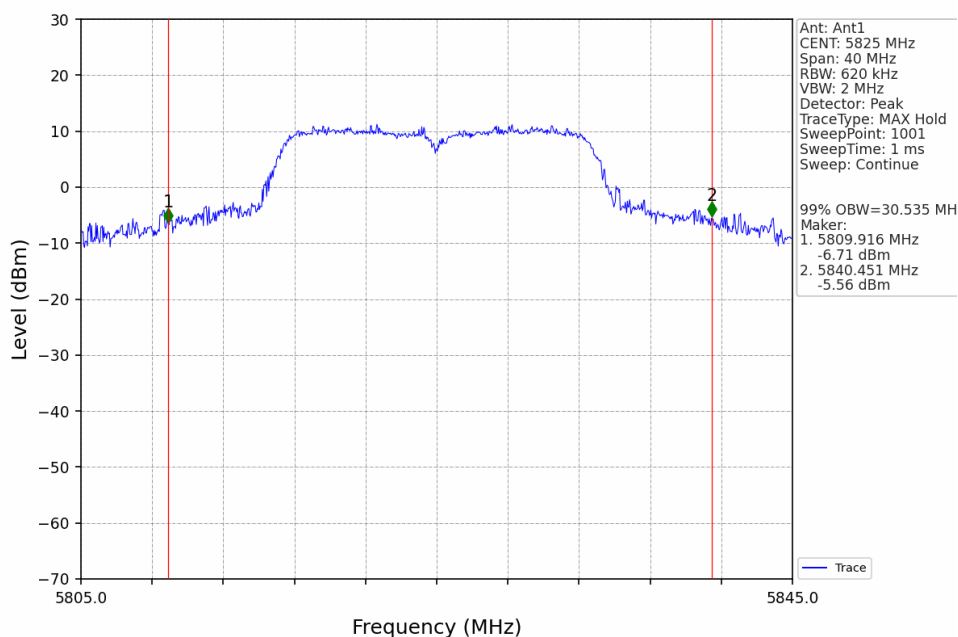
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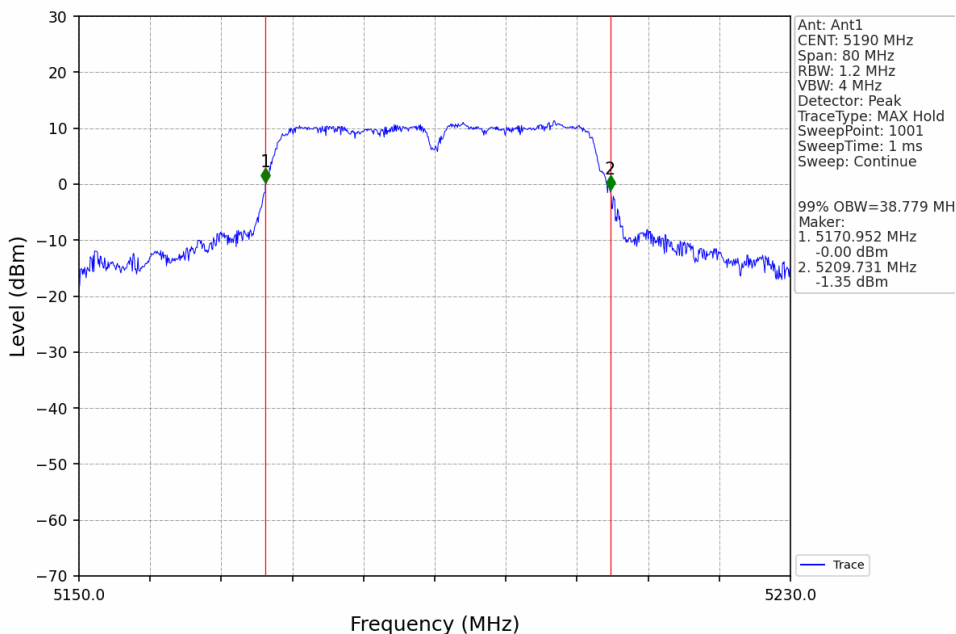


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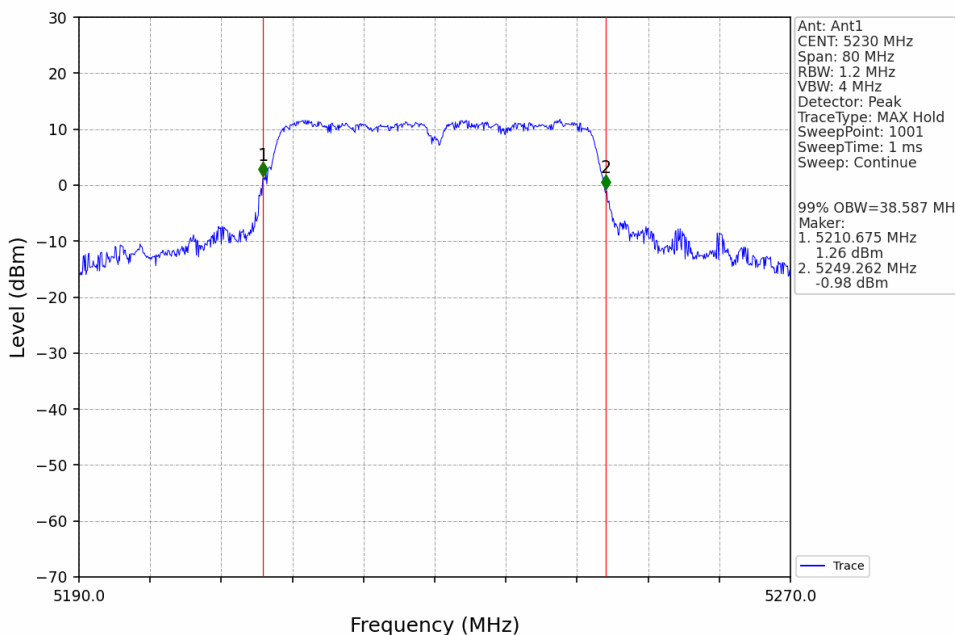




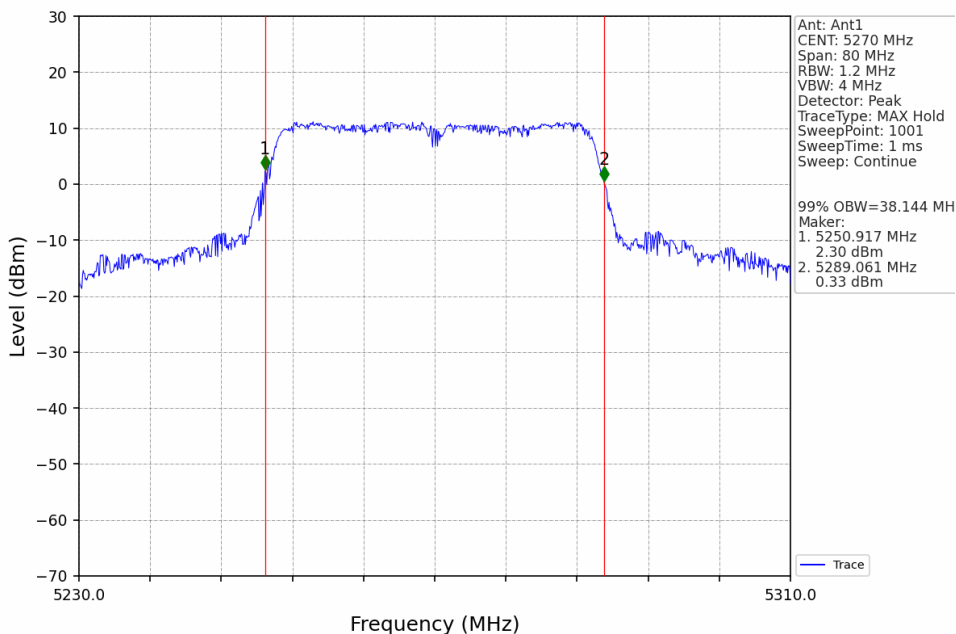
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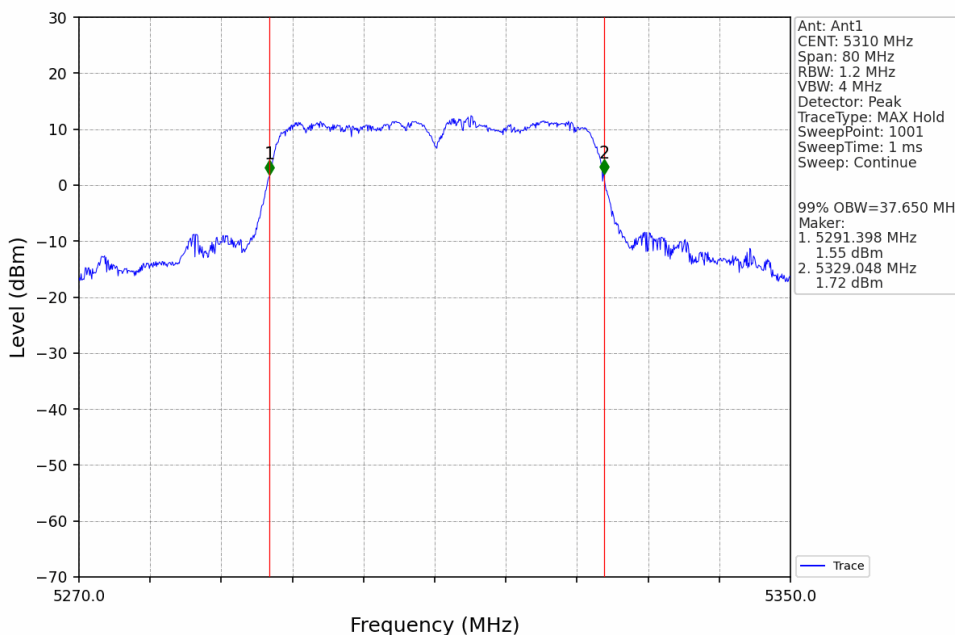
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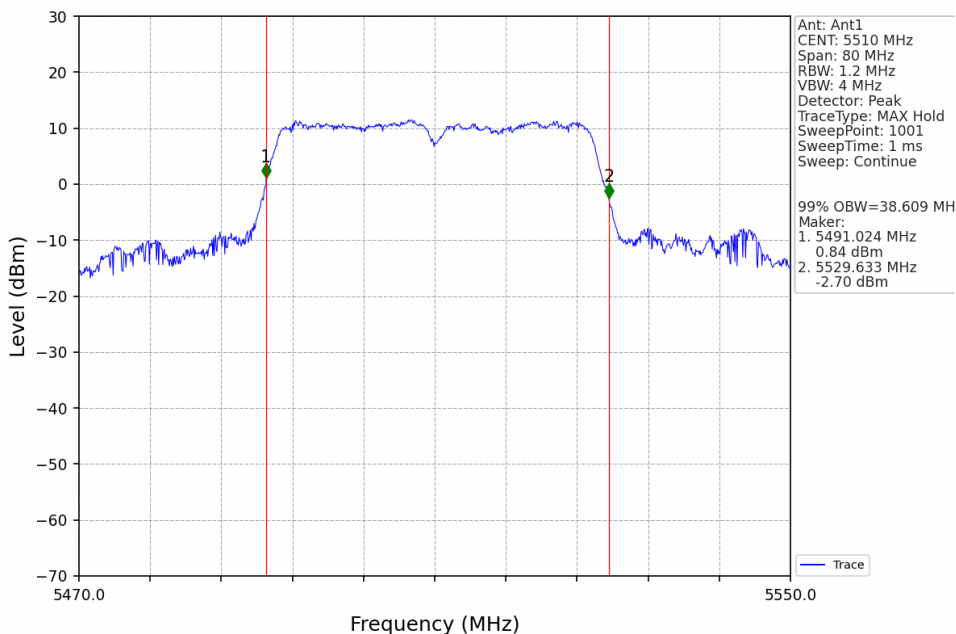
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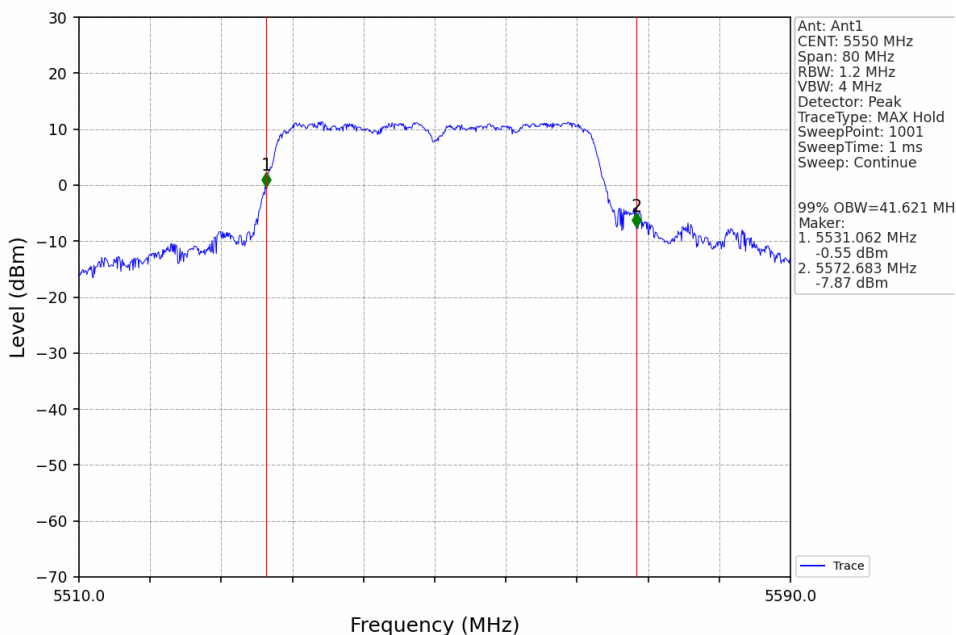
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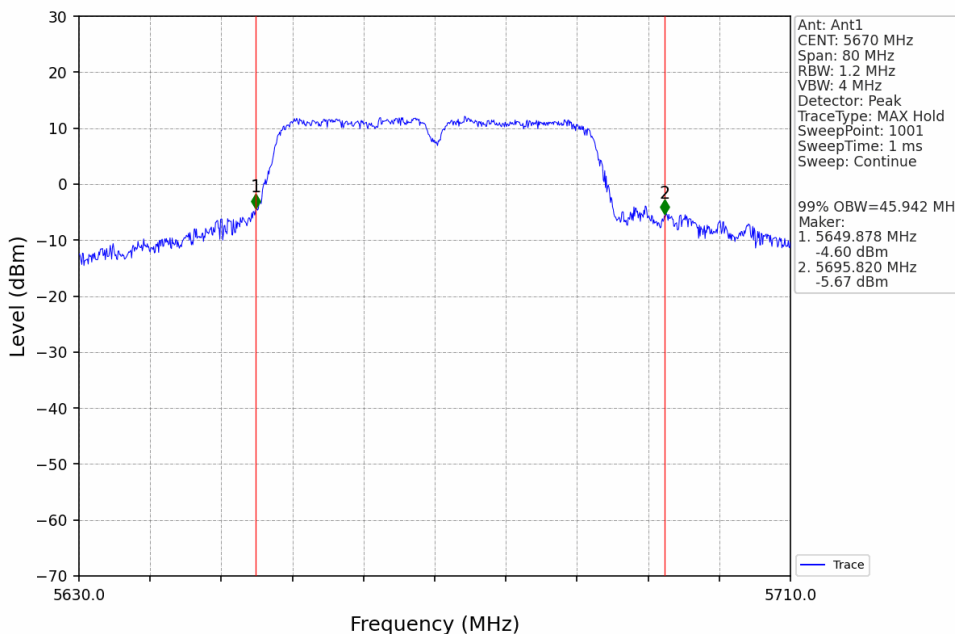
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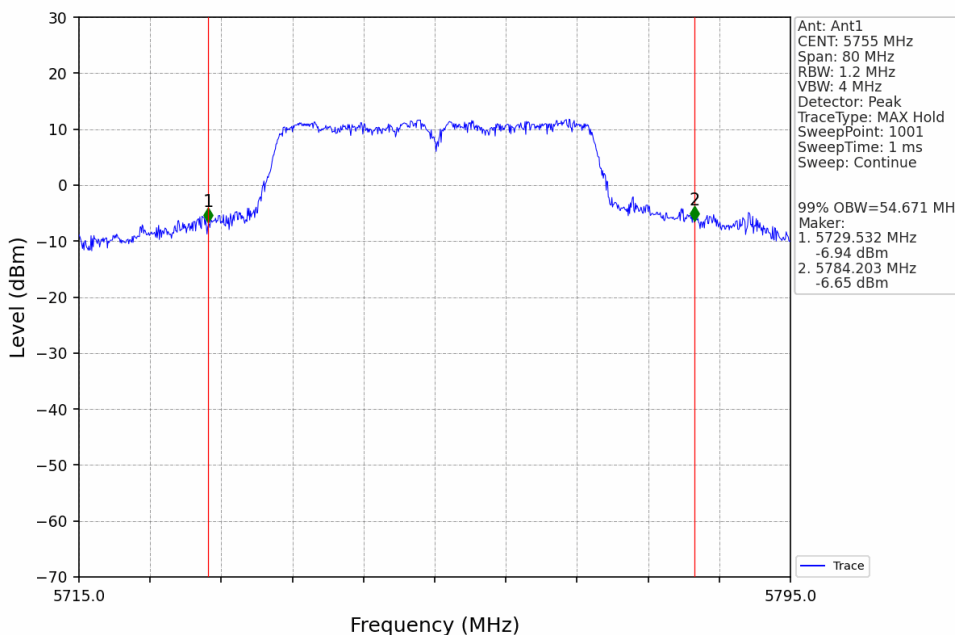
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802.11n(HT40)\_HCH\_5670MHz\_Ant1\_NTNV

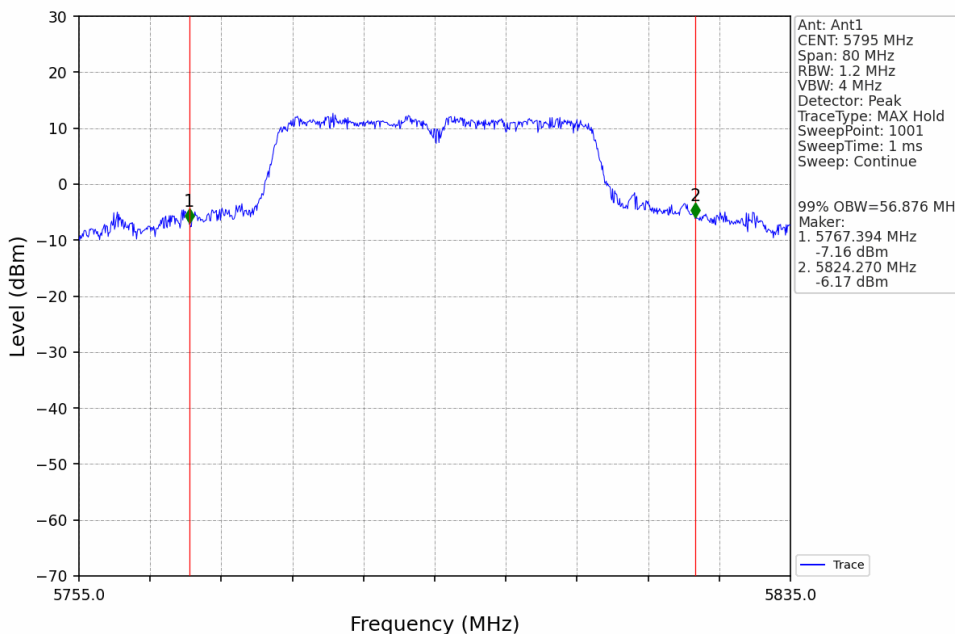


802.11n(HT40)\_LCH\_5755MHz\_Ant1\_NTNV

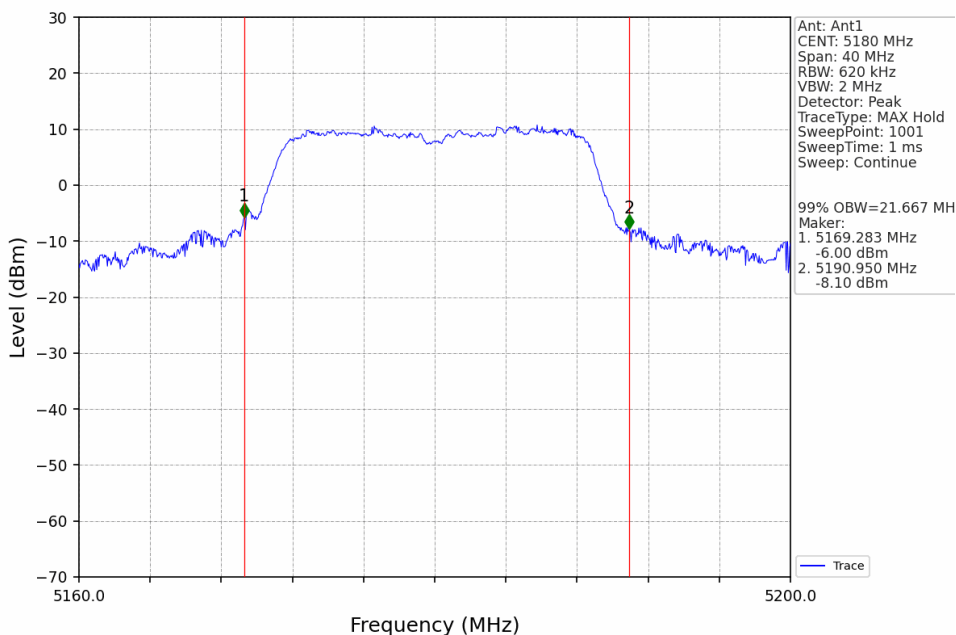




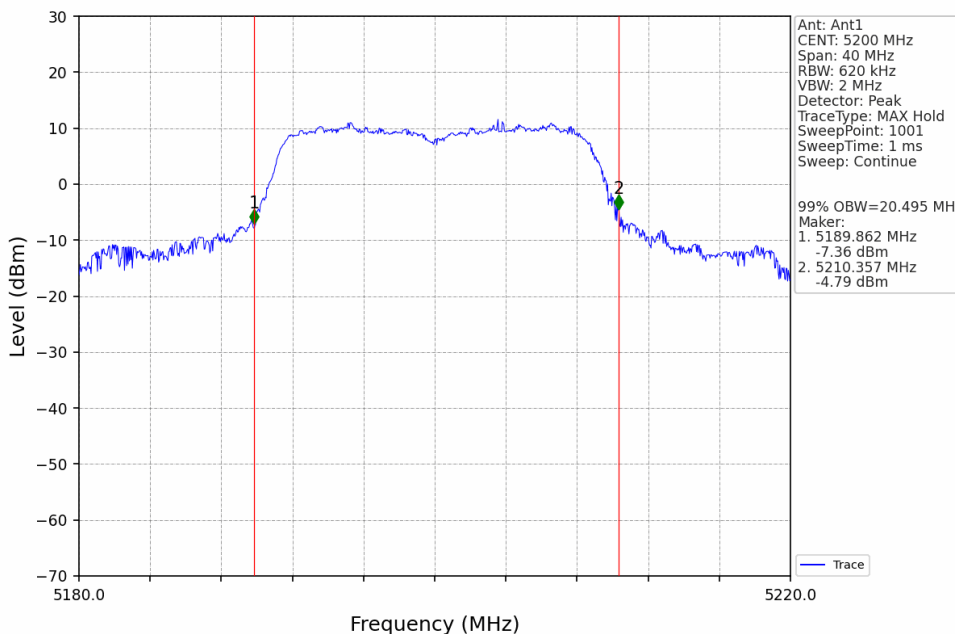
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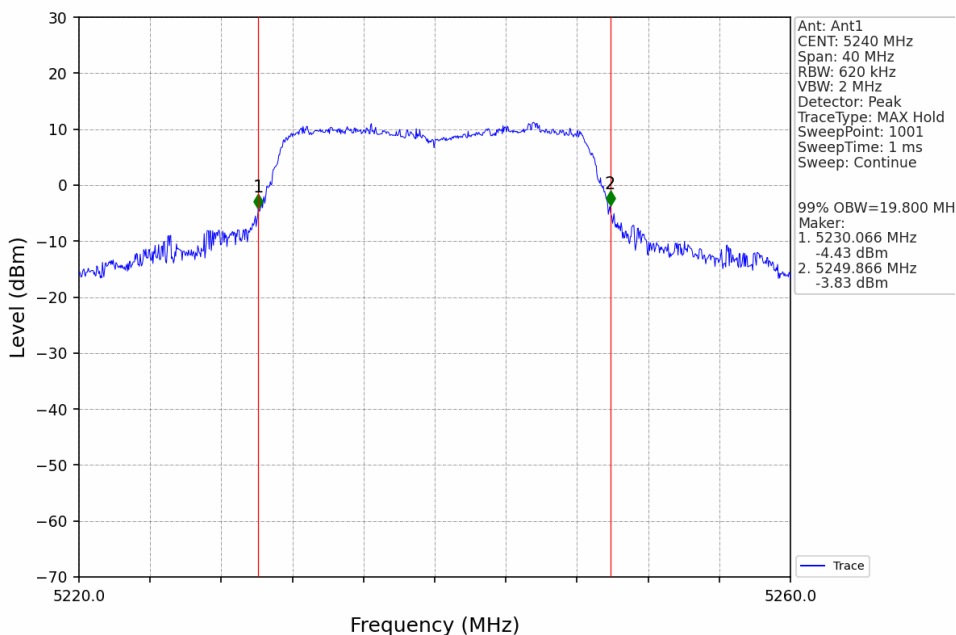
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802.11ac(VHT20)\_MCH\_5200MHz\_Ant1\_NTNV



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



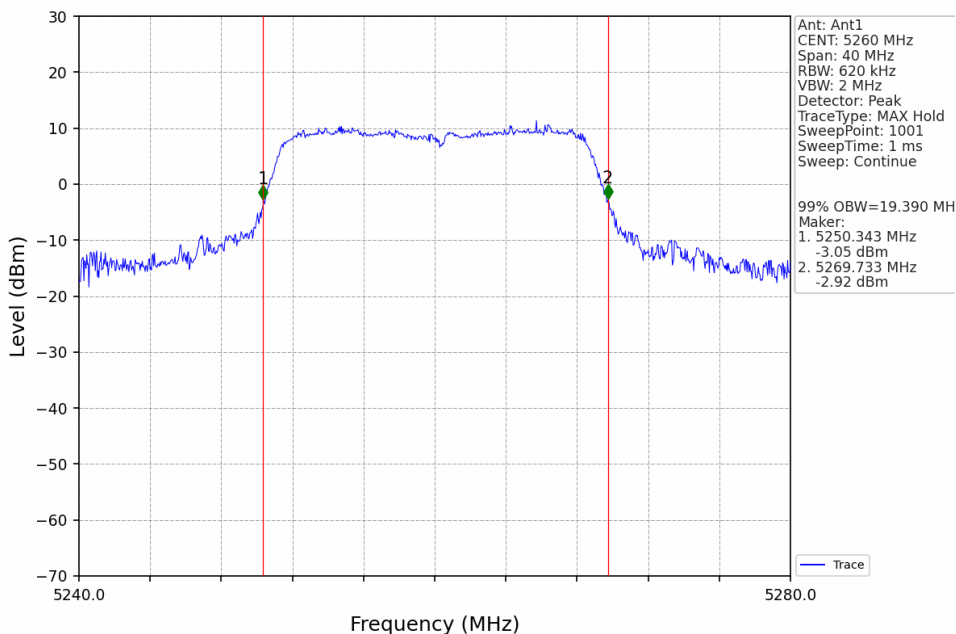
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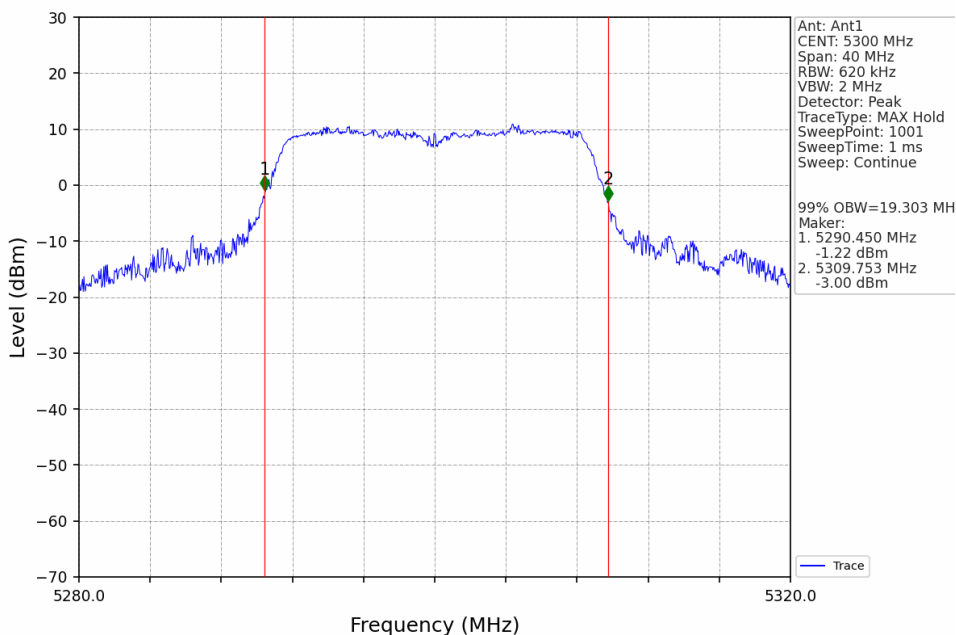
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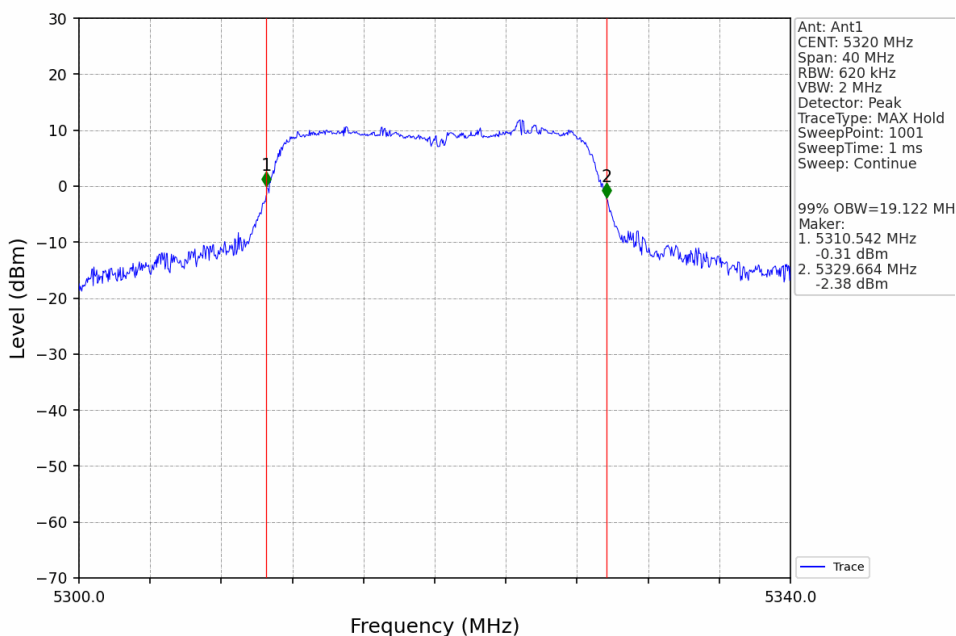
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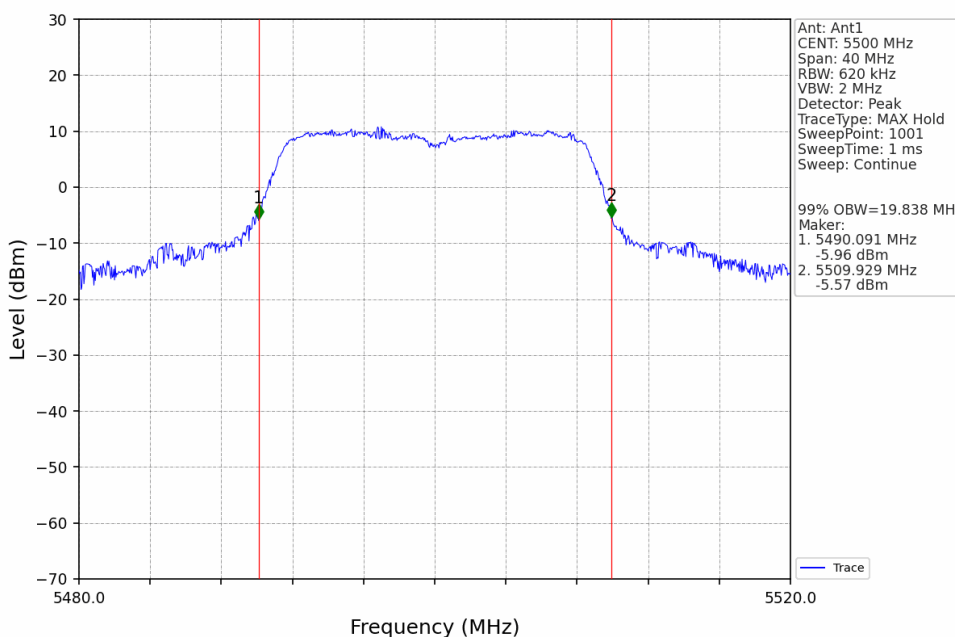
### 802.11ac(VHT20)\_MCH\_5300MHz\_Ant1\_NTNV



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



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



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