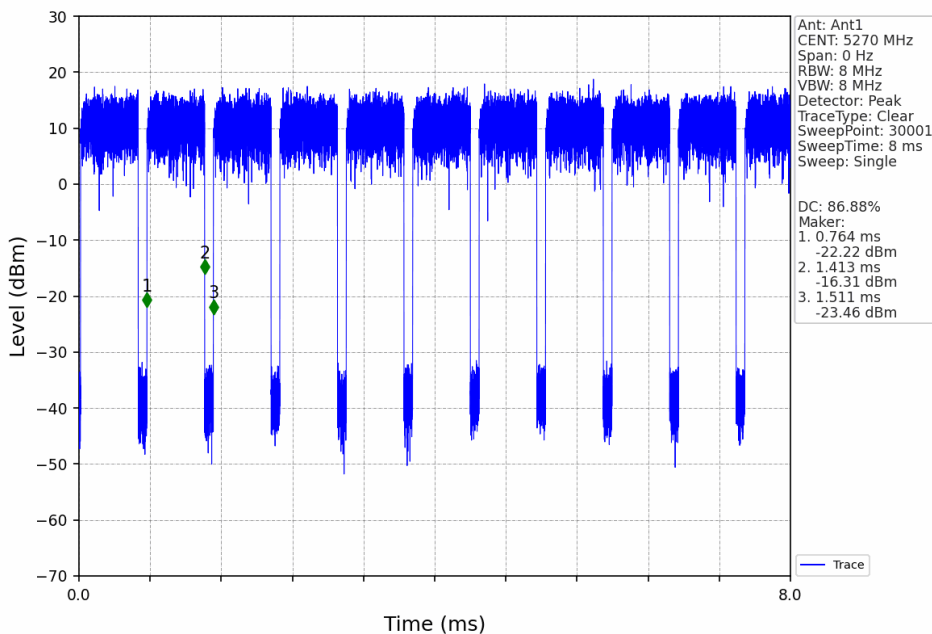
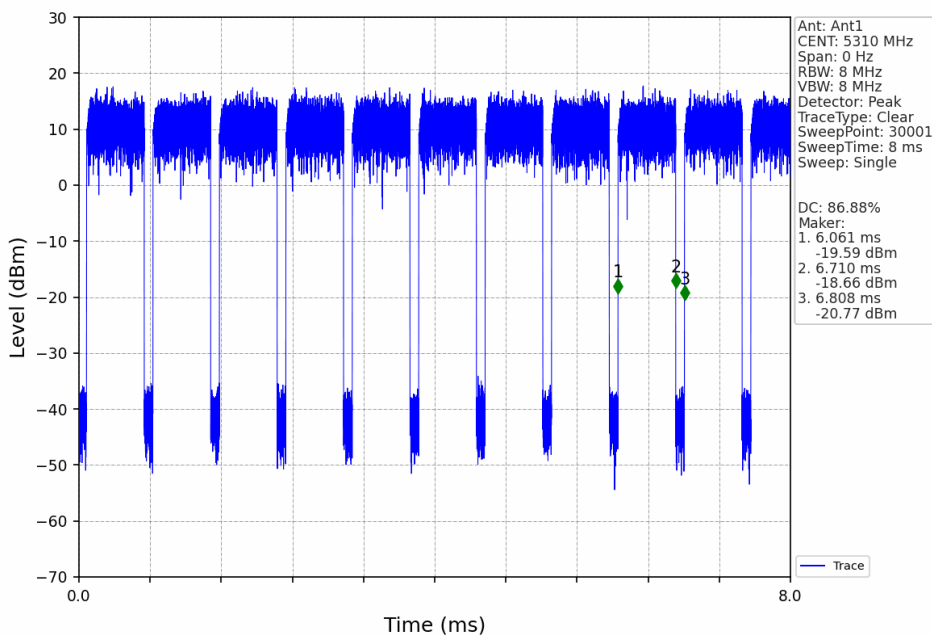


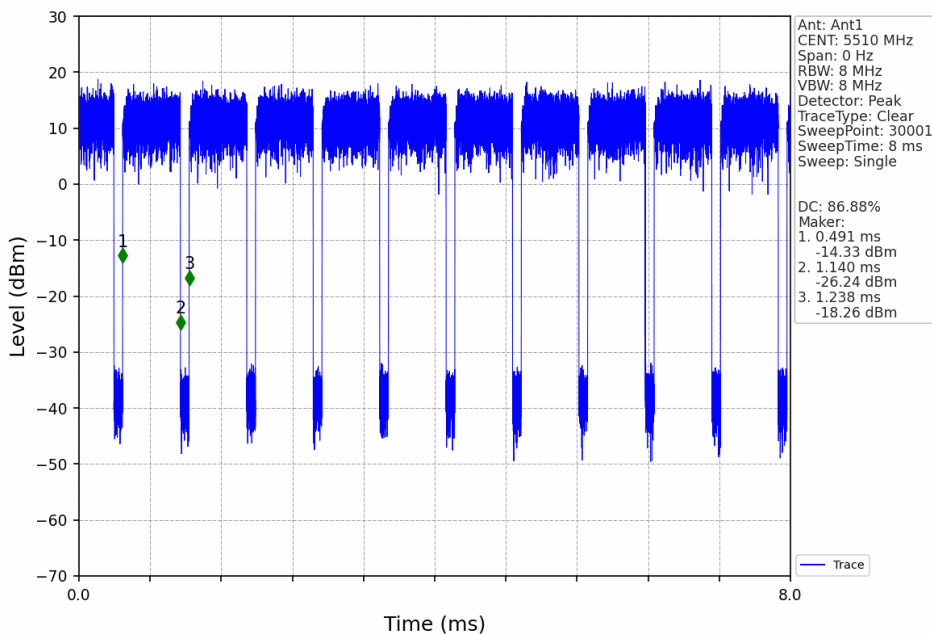
### 802.11n(HT40)\_LCH\_5270MHz\_Ant1\_NTNV



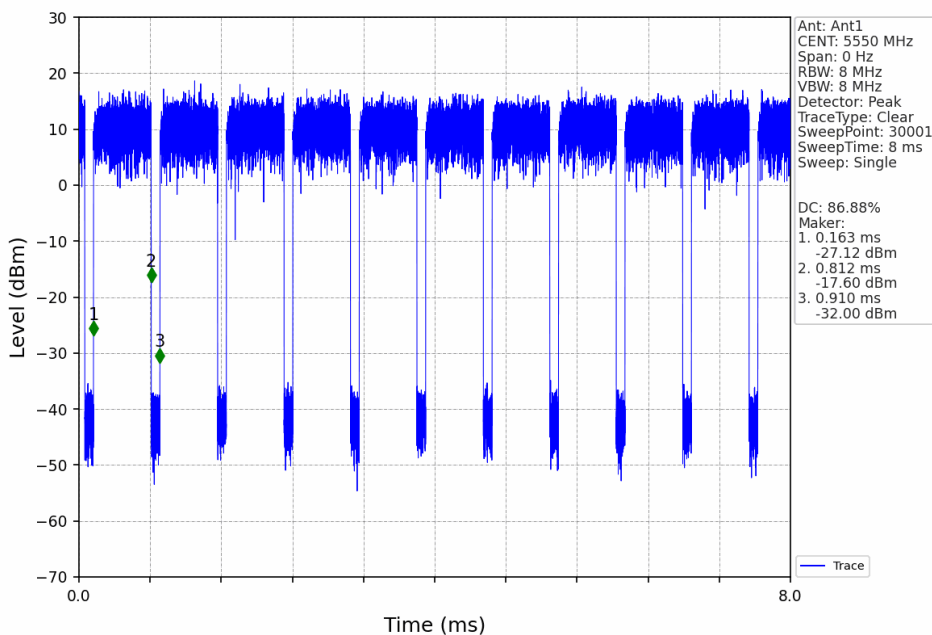
### 802.11n(HT40)\_HCH\_5310MHz\_Ant1\_NTNV



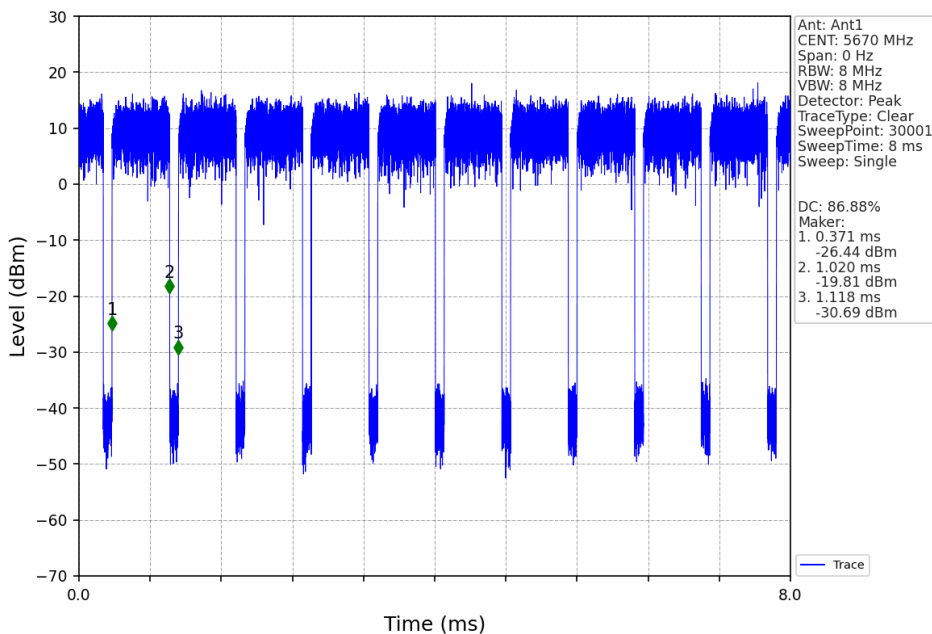
### 802.11n(HT40)\_LCH\_5510MHz\_Ant1\_NTNV



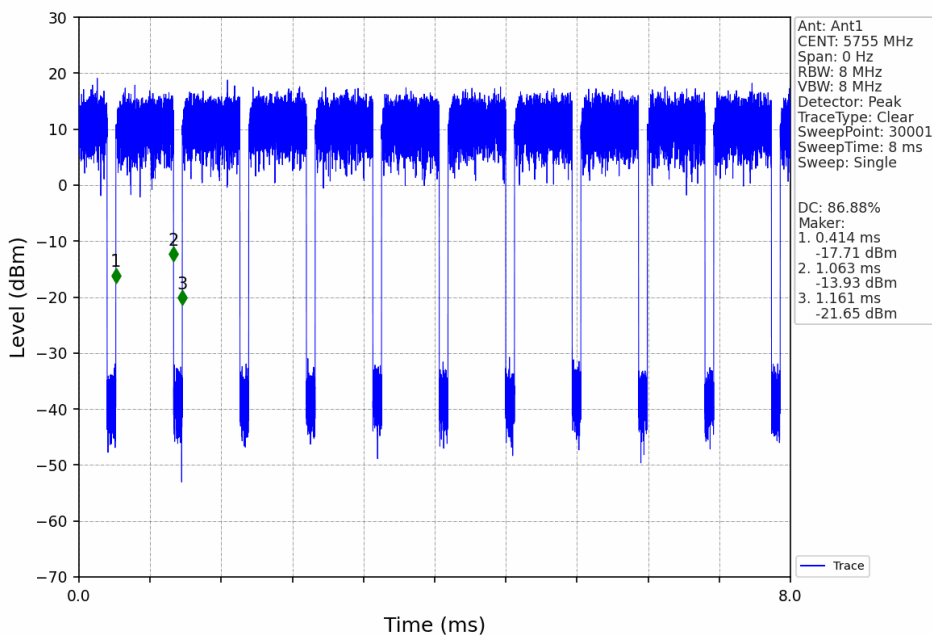
### 802.11n(HT40)\_MCH\_5550MHz\_Ant1\_NTNV



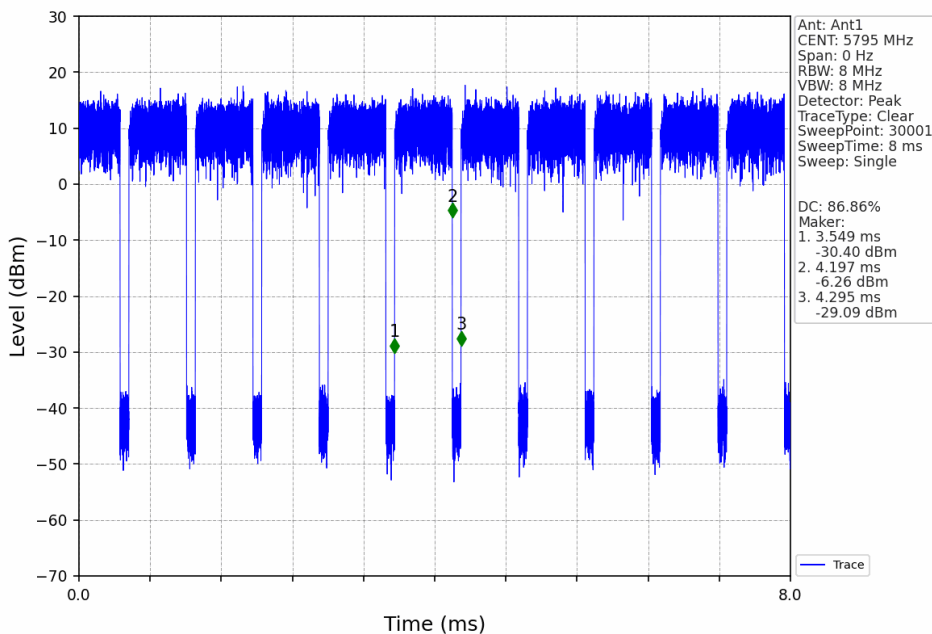
### 802.11n(HT40)\_HCH\_5670MHz\_Ant1\_NTNV



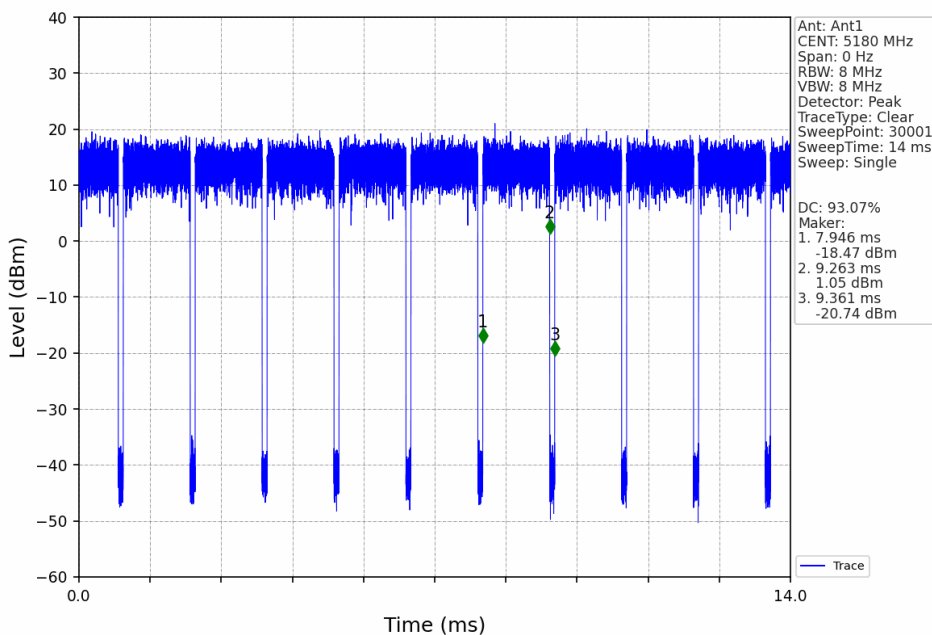
### 802.11n(HT40)\_LCH\_5755MHz\_Ant1\_NTNV



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



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

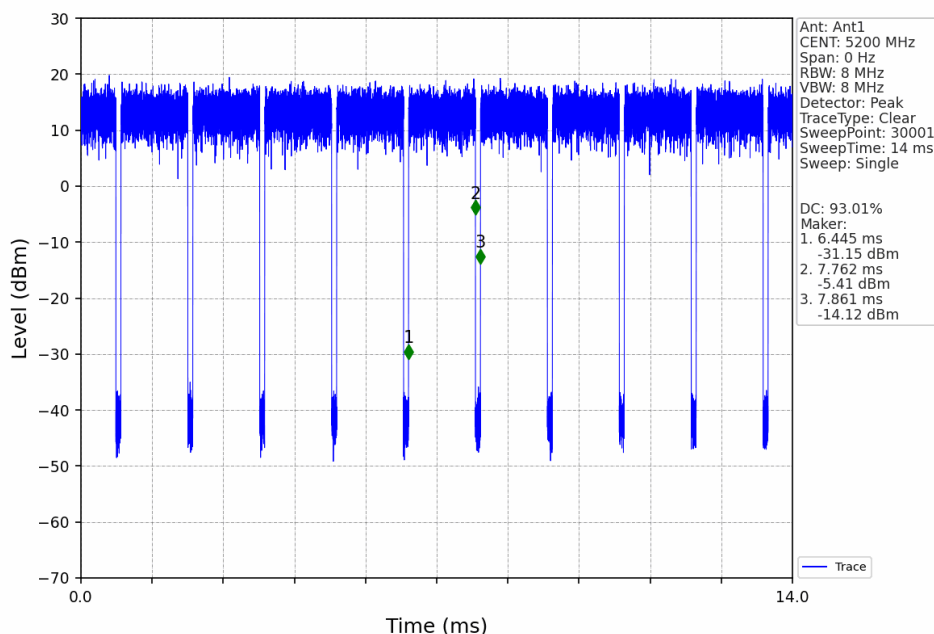


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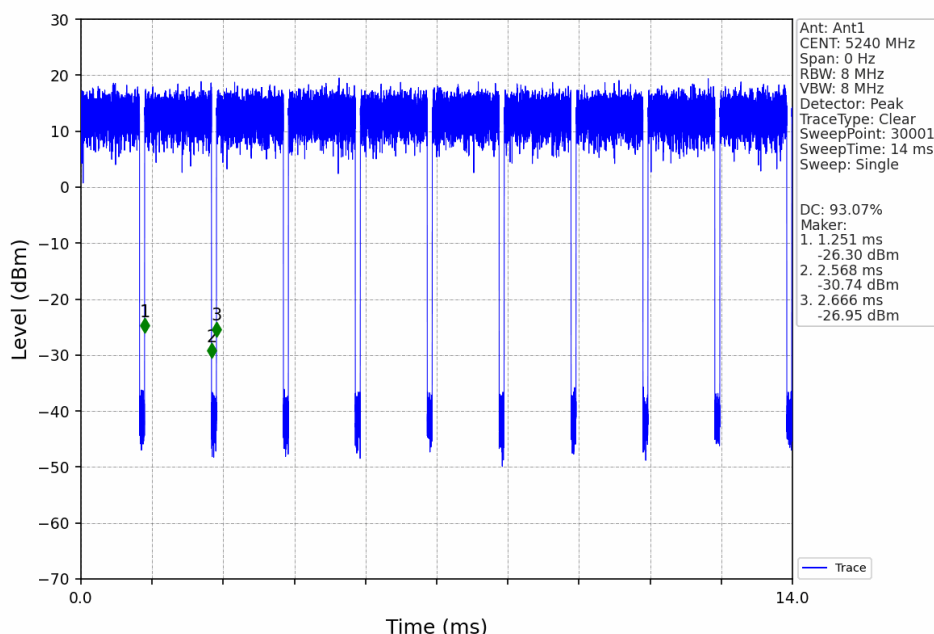
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### 802.11ac(VHT20)\_MCH\_5200MHz\_Ant1\_NTNV



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



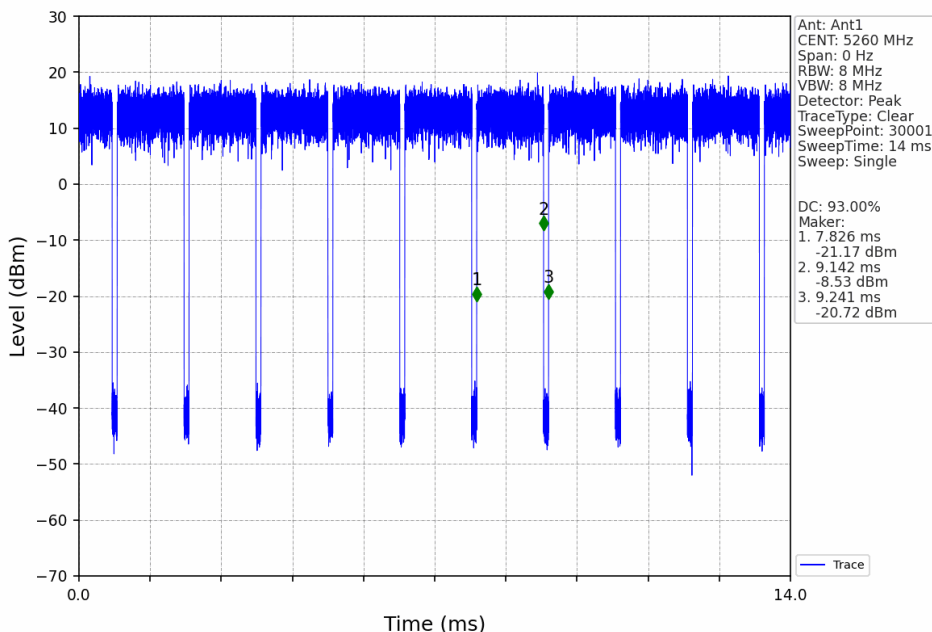
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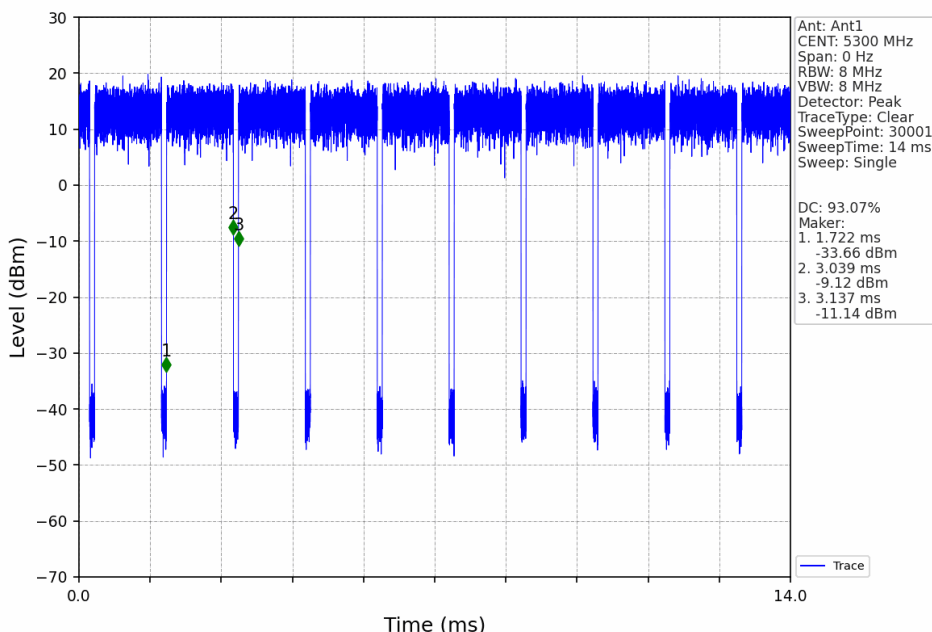
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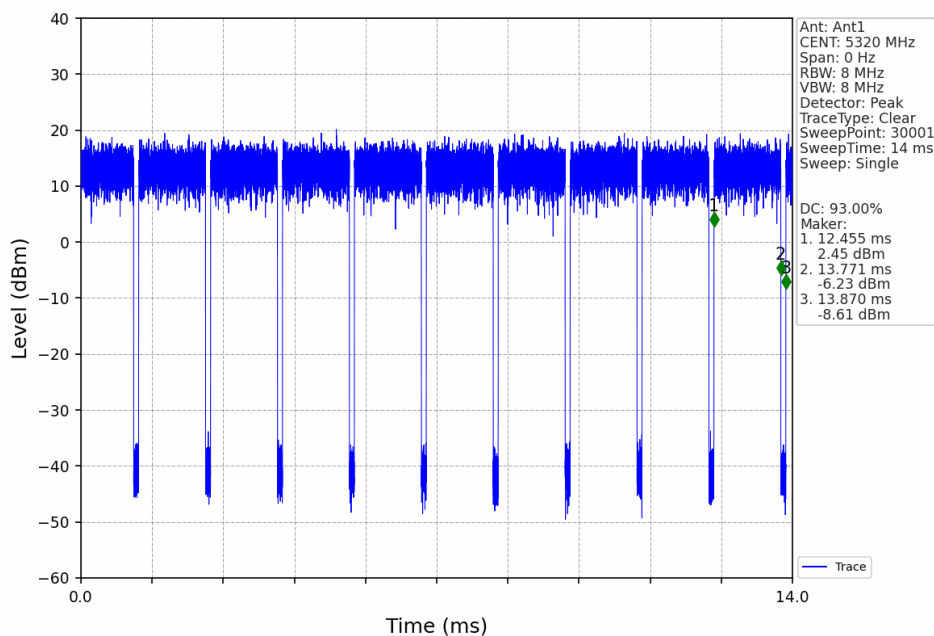
### 802.11ac(VHT20)\_LCH\_5260MHz\_Ant1\_NTNV



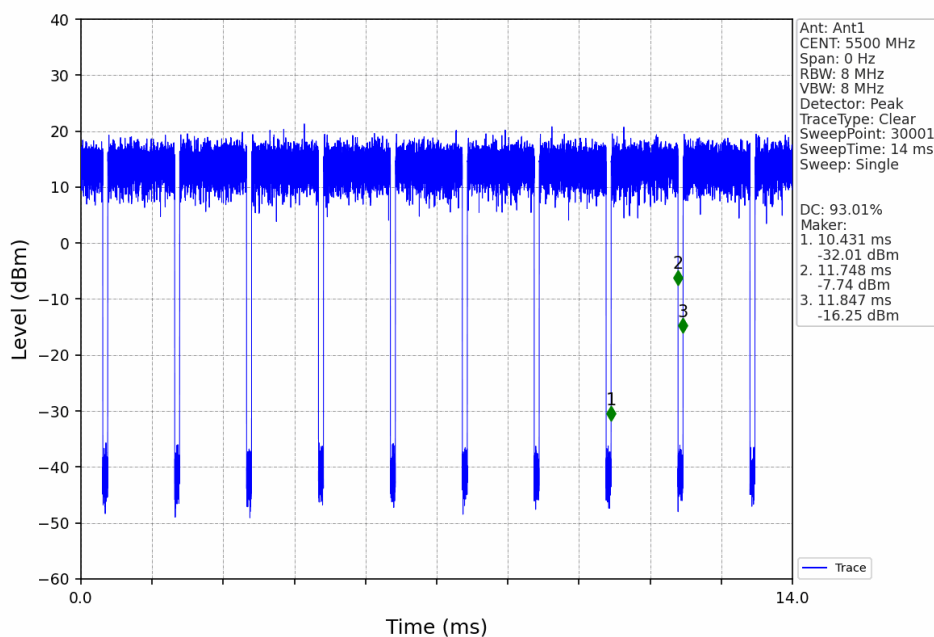
### 802.11ac(VHT20)\_MCH\_5300MHz\_Ant1\_NTNV



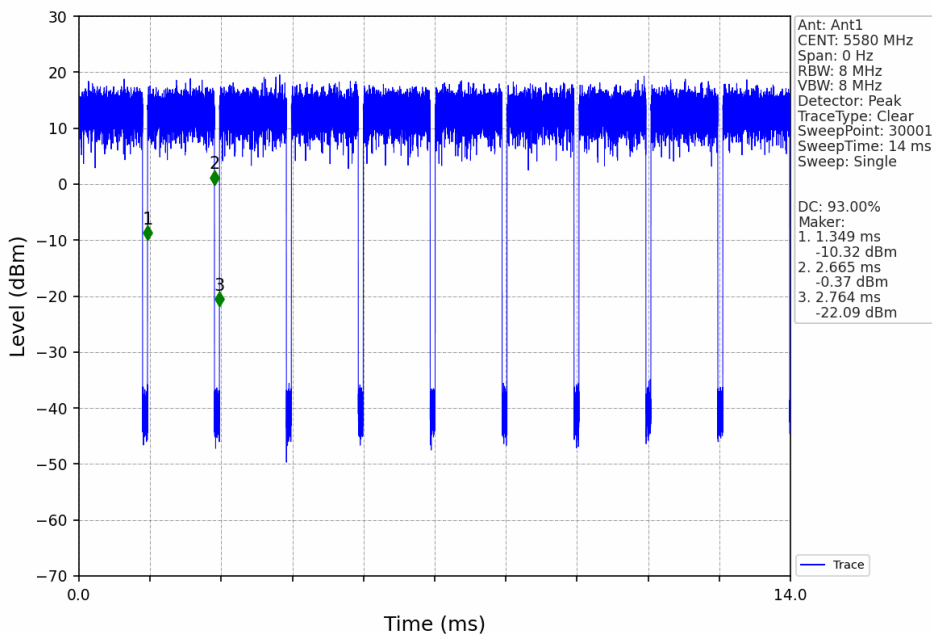
802.11ac(VHT20)\_HCH\_5320MHz\_Ant1\_NTNV



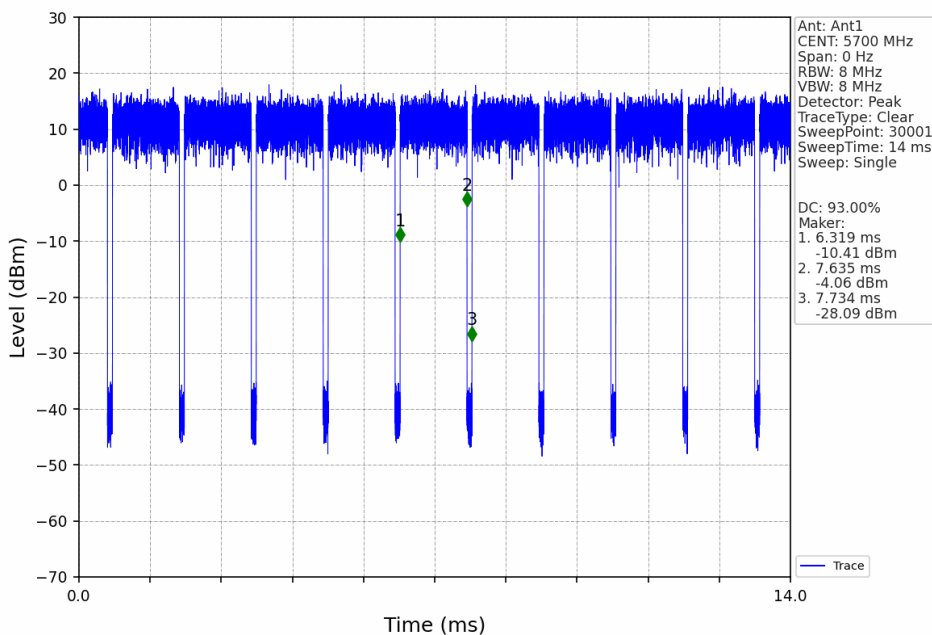
802.11ac(VHT20)\_LCH\_5500MHz\_Ant1\_NTNV



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

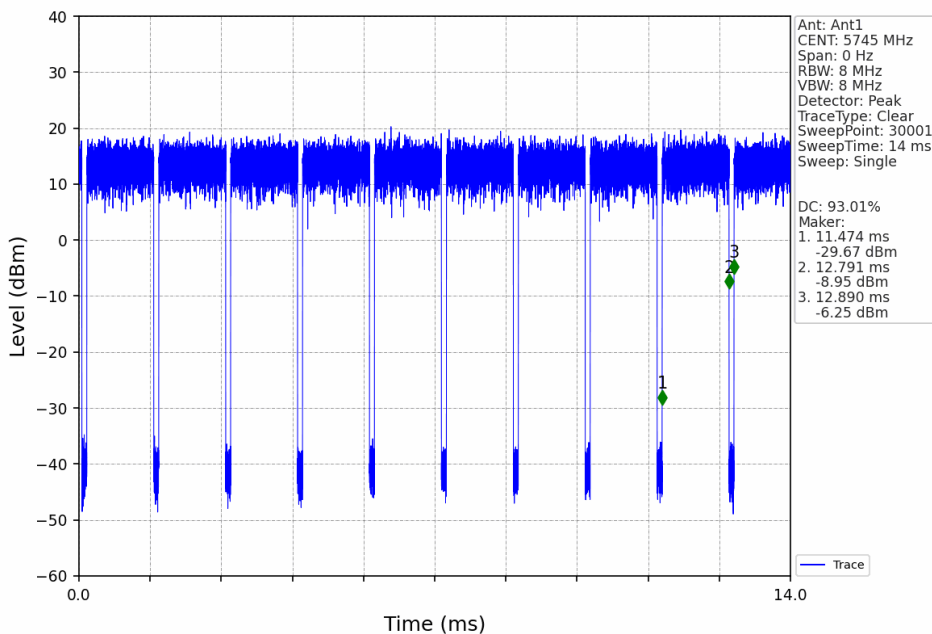


802.11ac(VHT20)\_HCH\_5700MHz\_Ant1\_NTNV

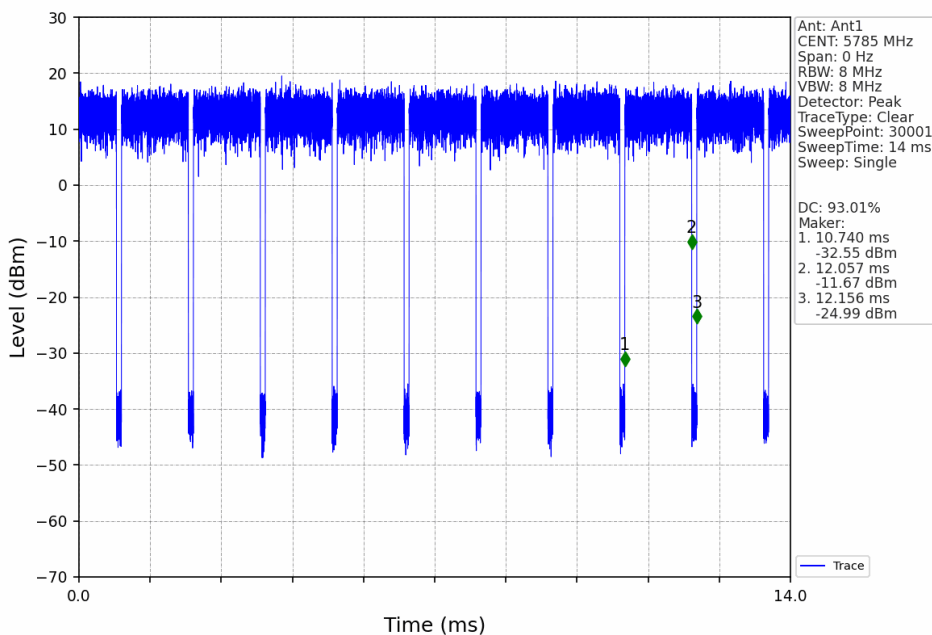




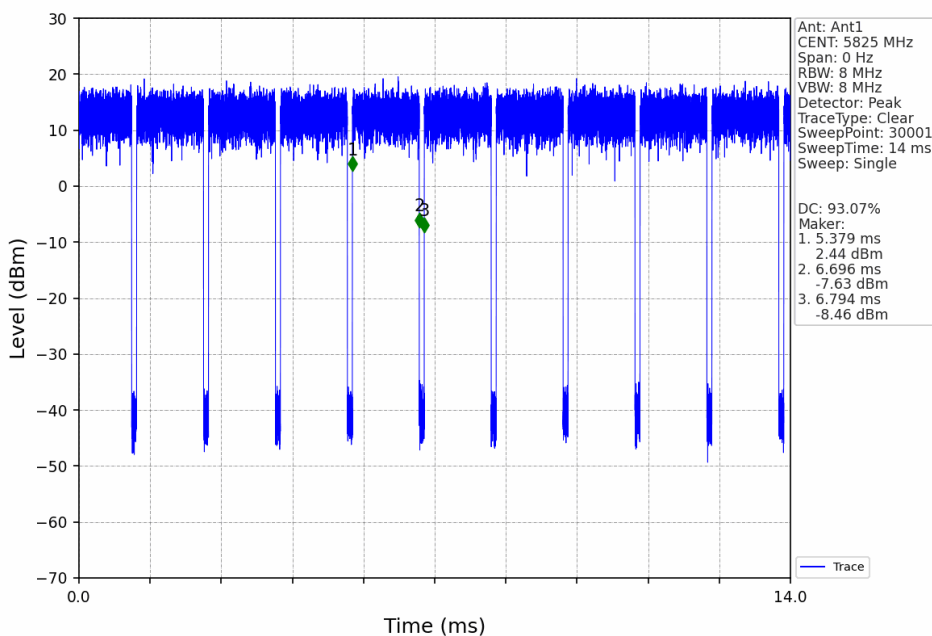
802.11ac(VHT20)\_LCH\_5745MHz\_Ant1\_NTNV



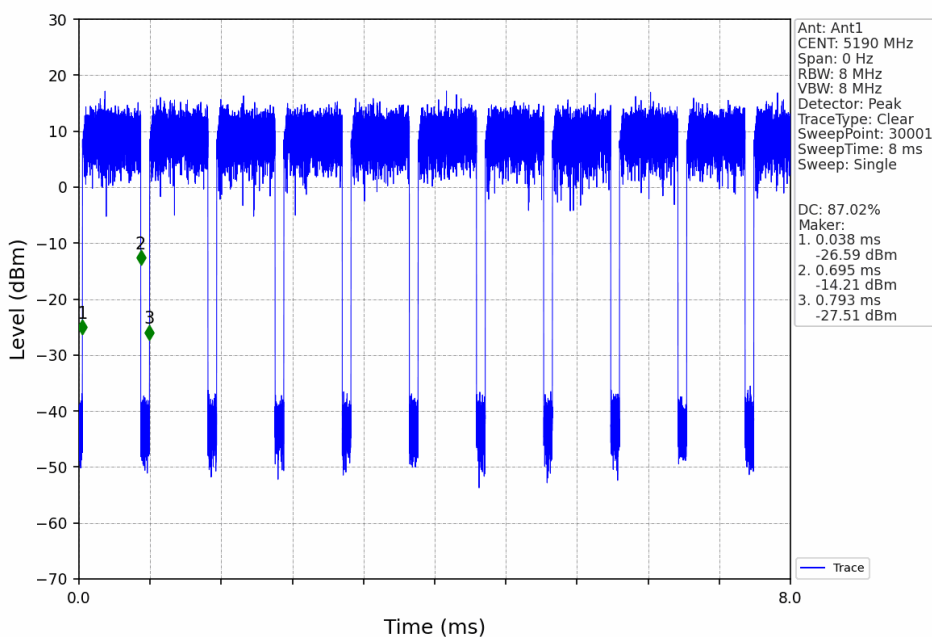
802.11ac(VHT20)\_MCH\_5785MHz\_Ant1\_NTNV



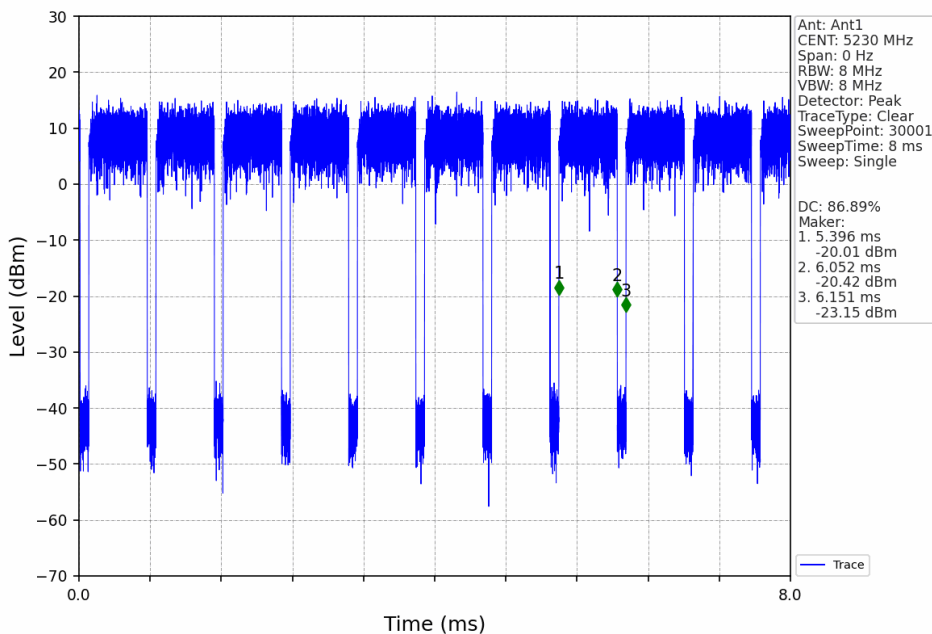
### 802.11ac(VHT20)\_HCH\_5825MHz\_Ant1\_NTNV



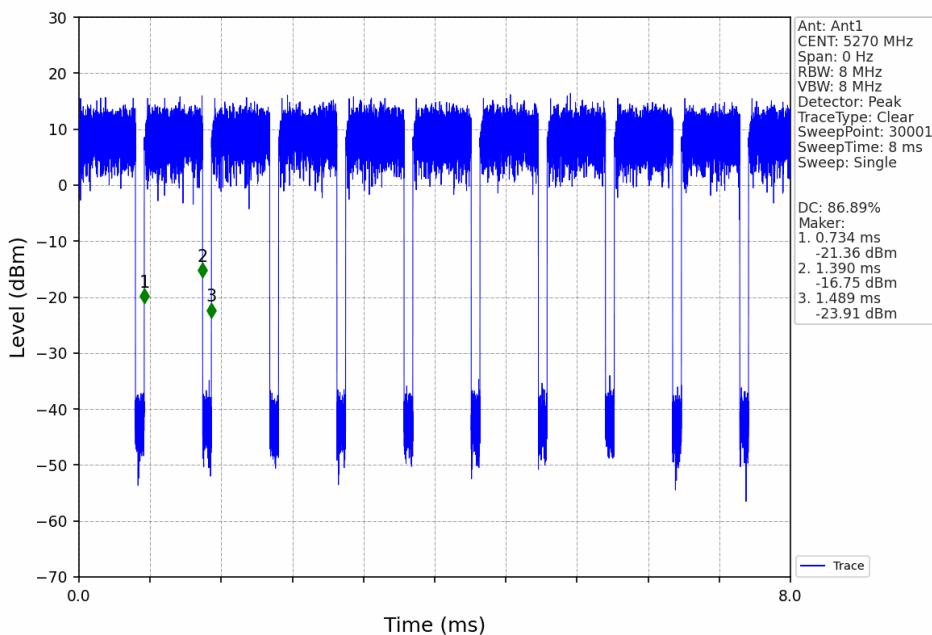
### 802.11ac(VHT40)\_LCH\_5190MHz\_Ant1\_NTNV



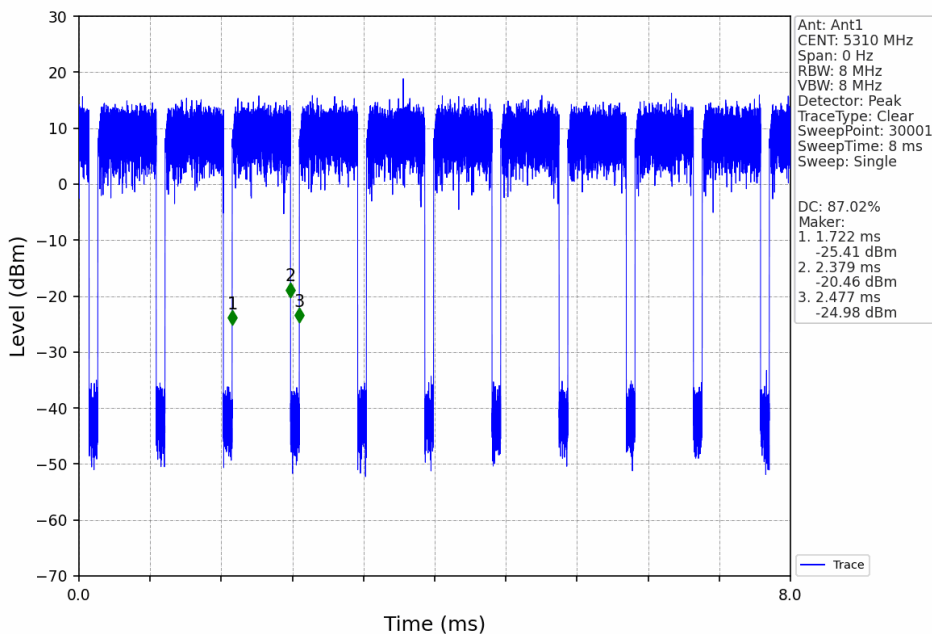
### 802.11ac(VHT40)\_HCH\_5230MHz\_Ant1\_NTNV



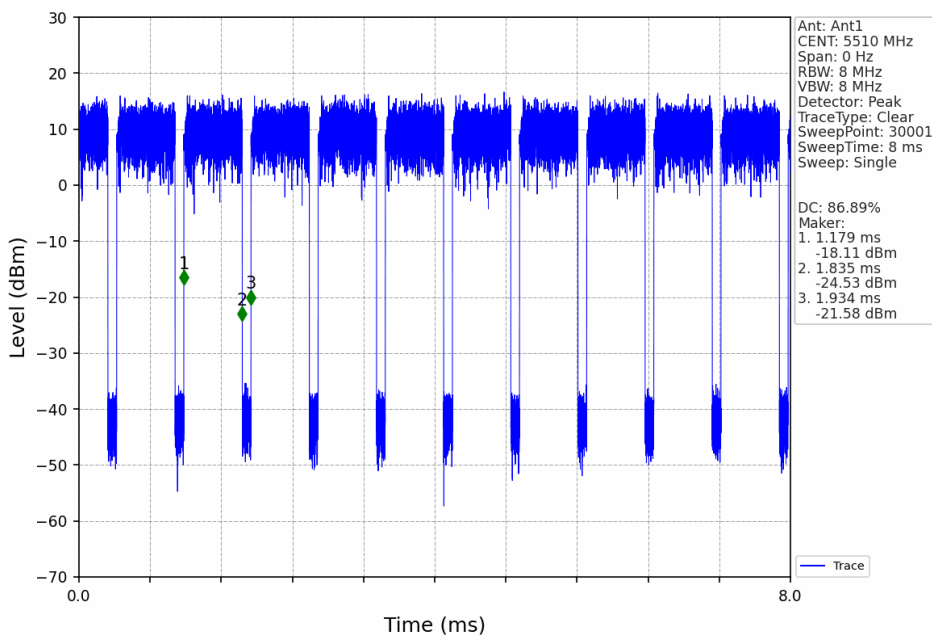
### 802.11ac(VHT40)\_LCH\_5270MHz\_Ant1\_NTNV



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

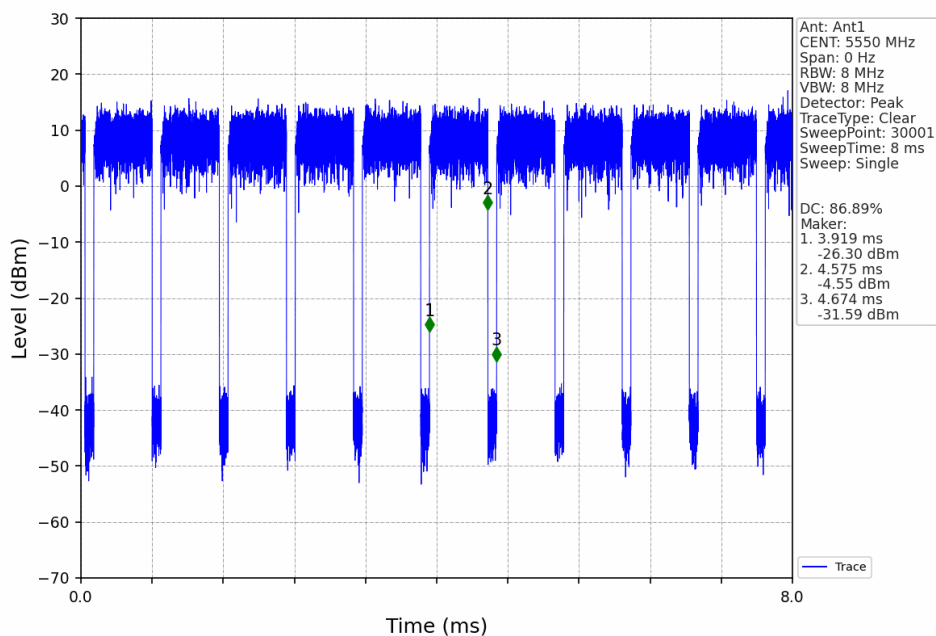


802.11ac(VHT40)\_LCH\_5510MHz\_Ant1\_NTNV

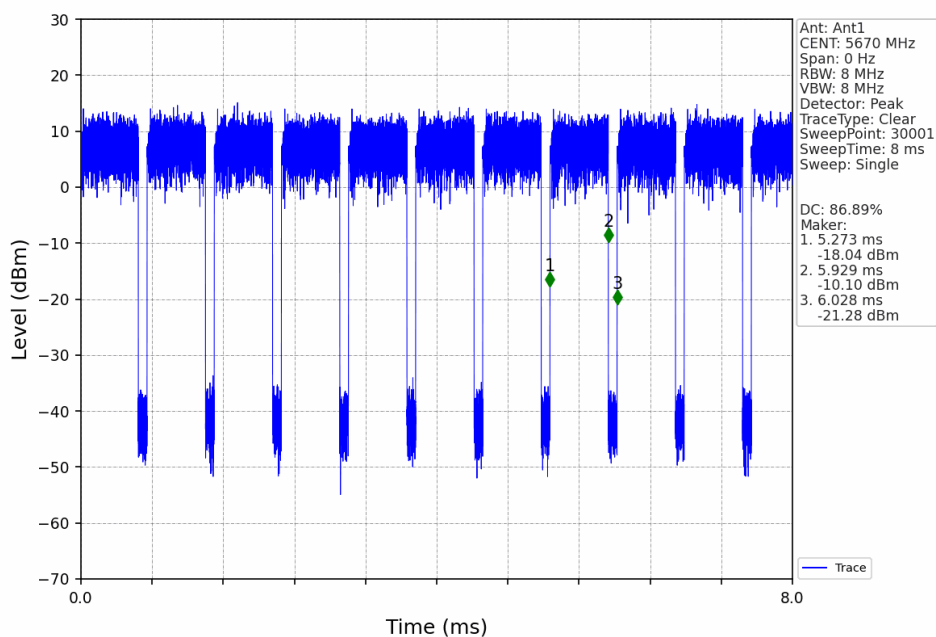




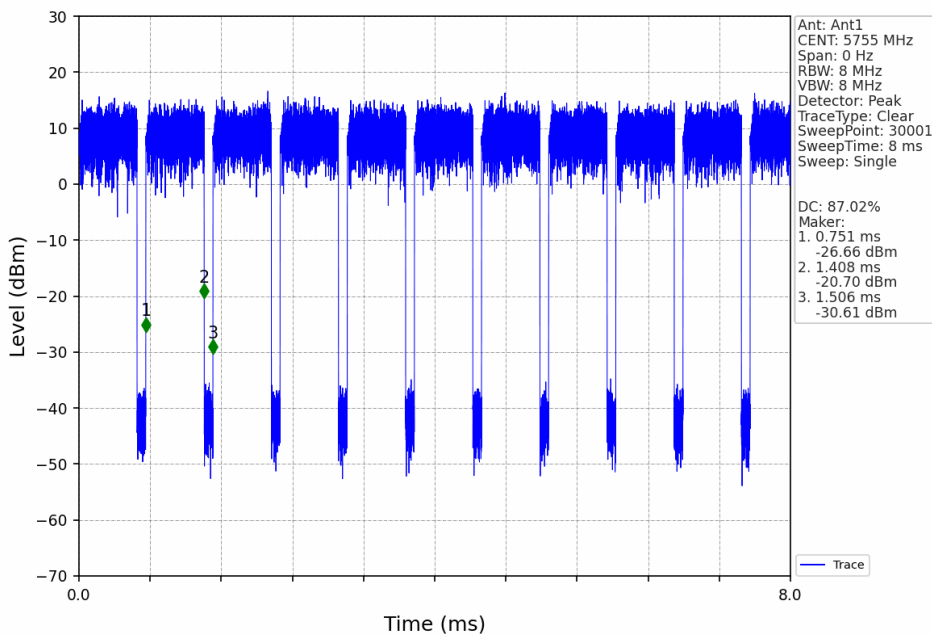
### 802.11ac(VHT40)\_MCH\_5550MHz\_Ant1\_NTNV



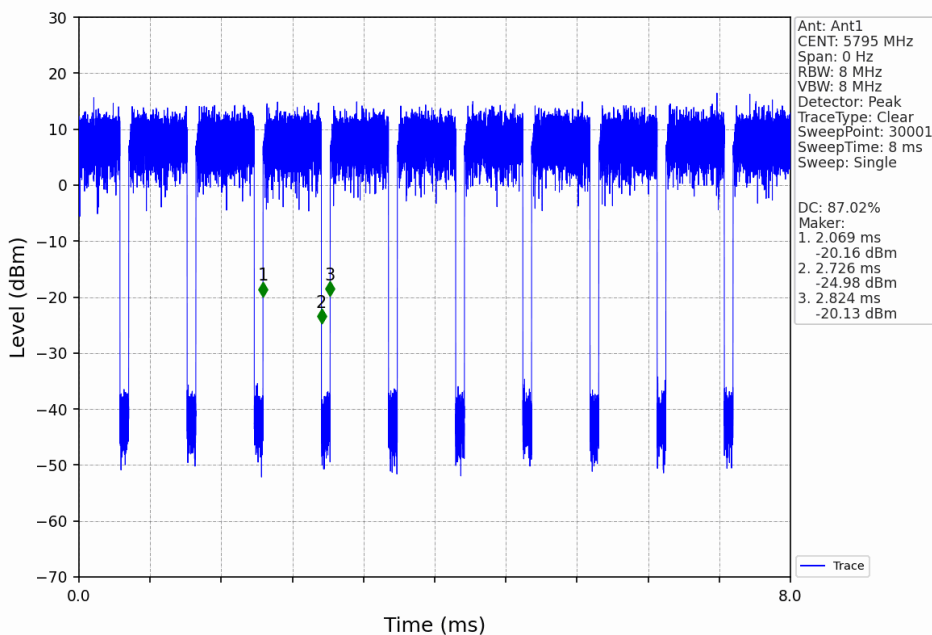
### 802.11ac(VHT40)\_HCH\_5670MHz\_Ant1\_NTNV



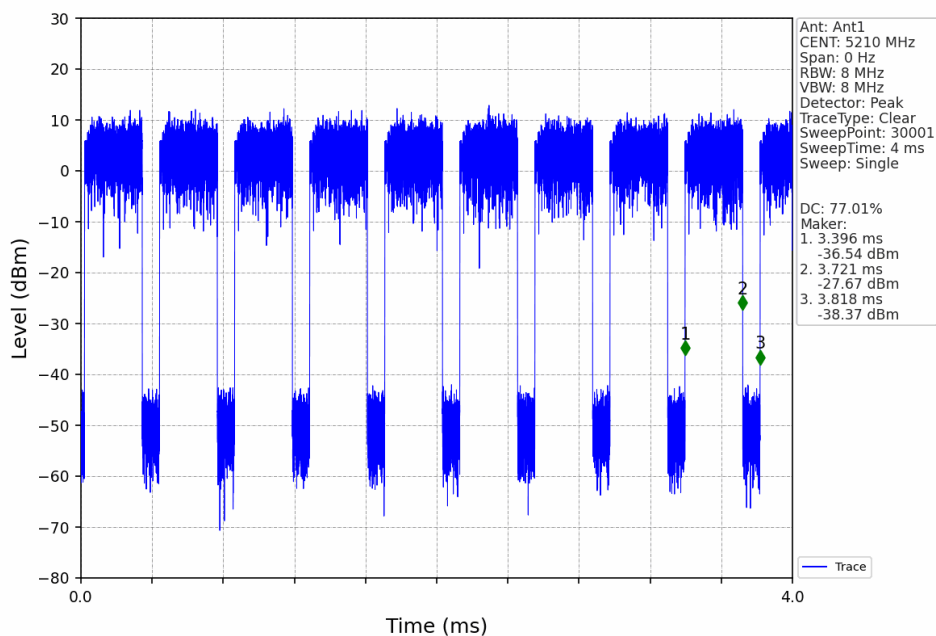
### 802.11ac(VHT40)\_LCH\_5755MHz\_Ant1\_NTNV



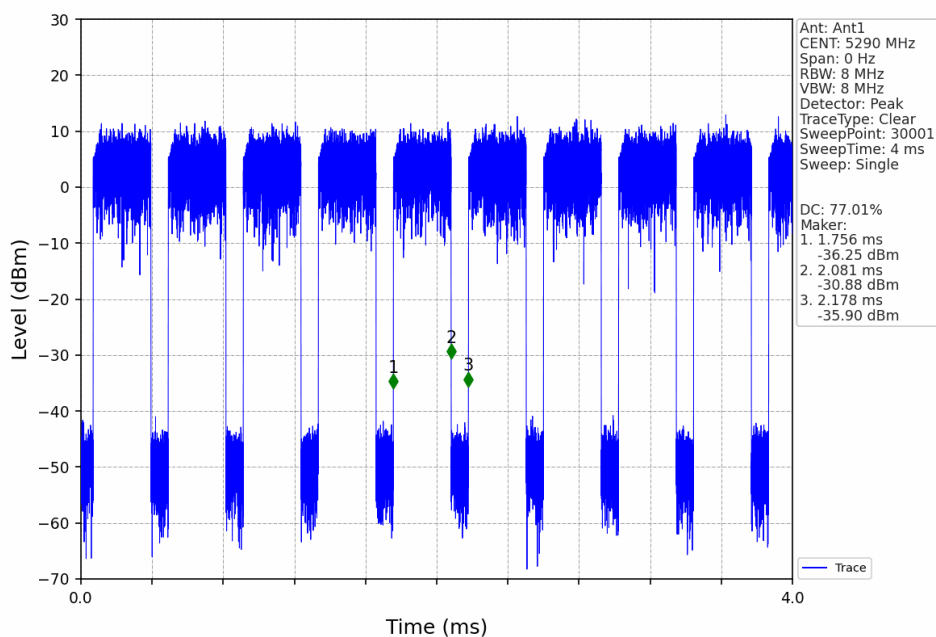
### 802.11ac(VHT40)\_HCH\_5795MHz\_Ant1\_NTNV



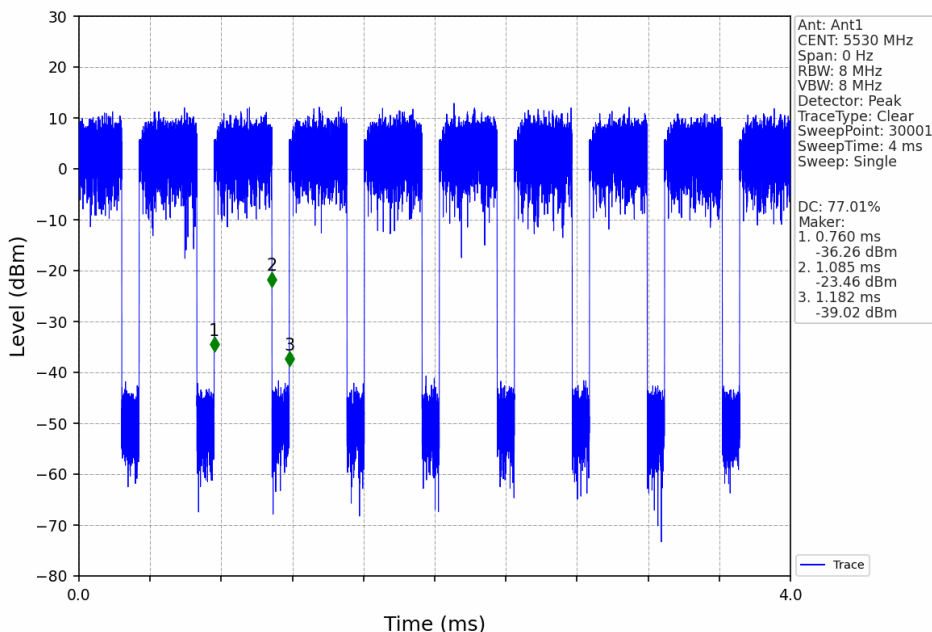
802.11ac(VHT80)\_MCH\_5210MHz\_Ant1\_NTNV



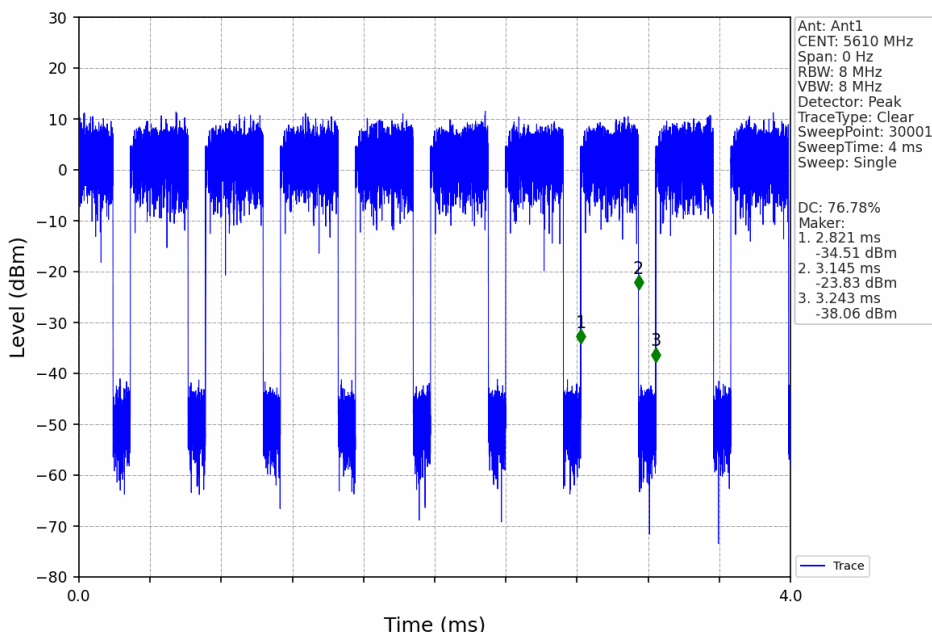
802.11ac(VHT80)\_MCH\_5290MHz\_Ant1\_NTNV



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

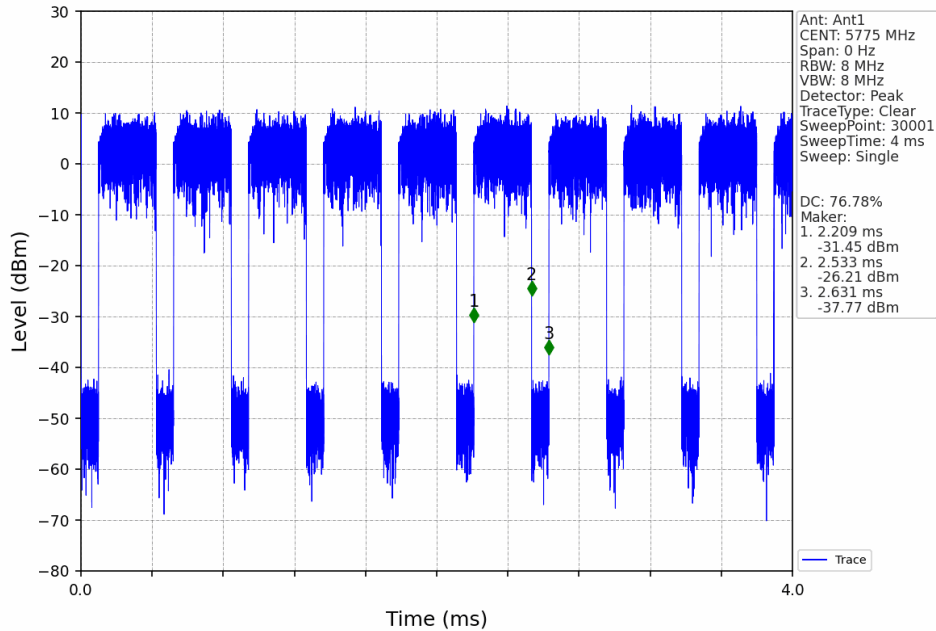


### 802.11ac(VHT80)\_HCH\_5610MHz\_Ant1\_NTNV





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



## 2. 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	17.763	/	Pass
		5200	1	17.776	/	Pass
		5240	1	17.690	/	Pass
		5260	1	17.651	/	Pass
		5300	1	17.703	/	Pass
		5320	1	17.695	/	Pass
		5500	1	17.825	/	Pass
		5580	1	17.781	/	Pass
		5700	1	17.728	/	Pass
		5745	1	17.762	/	Pass
		5785	1	17.768	/	Pass
		5825	1	17.726	/	Pass
802.11n (HT20)	SISO	5180	1	18.462	/	Pass
		5200	1	18.483	/	Pass
		5240	1	18.457	/	Pass
		5260	1	18.509	/	Pass
		5300	1	18.504	/	Pass
		5320	1	18.611	/	Pass
		5500	1	18.449	/	Pass
		5580	1	18.432	/	Pass
		5700	1	18.571	/	Pass
		5745	1	18.525	/	Pass
		5785	1	18.476	/	Pass
		5825	1	18.540	/	Pass
802.11n (HT40)	SISO	5190	1	36.598	/	Pass
		5230	1	36.521	/	Pass
		5270	1	36.492	/	Pass
		5310	1	36.589	/	Pass
		5510	1	36.639	/	Pass
		5550	1	36.609	/	Pass
		5670	1	36.579	/	Pass



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		5755	1	36.526	/	Pass
		5795	1	36.604	/	Pass
802.11ac (VHT20)	SISO	5180	1	18.545	/	Pass
		5200	1	18.587	/	Pass
		5240	1	18.522	/	Pass
		5260	1	18.517	/	Pass
		5300	1	18.469	/	Pass
		5320	1	18.579	/	Pass
		5500	1	18.579	/	Pass
		5580	1	18.478	/	Pass
		5700	1	18.502	/	Pass
		5745	1	18.564	/	Pass
		5785	1	18.563	/	Pass
		5825	1	18.506	/	Pass
802.11ac (VHT40)	SISO	5190	1	36.558	/	Pass
		5230	1	36.488	/	Pass
		5270	1	36.524	/	Pass
		5310	1	36.509	/	Pass
		5510	1	36.587	/	Pass
		5550	1	36.516	/	Pass
		5670	1	36.535	/	Pass
		5755	1	36.544	/	Pass
802.11ac (VHT80)	SISO	5795	1	36.545	/	Pass
		5210	1	76.180	/	Pass
		5290	1	76.162	/	Pass
		5530	1	76.173	/	Pass
		5610	1	76.121	/	Pass
		5775	1	76.119	/	Pass

### 2.1.2 6dB BW

Mode	TX Type	Frequency (MHz)	ANT	6dB Bandwidth (MHz)		Verdict
				Result	Limit	
802.11a	SISO	5745	1	16.389	>=0.5	Pass
		5785	1	16.380	>=0.5	Pass
		5825	1	16.394	>=0.5	Pass
802.11n (HT20)	SISO	5745	1	17.540	>=0.5	Pass
		5785	1	17.336	>=0.5	Pass
		5825	1	17.548	>=0.5	Pass
802.11n	SISO	5755	1	35.747	>=0.5	Pass



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(HT40)		5795	1	35.748	$\geq 0.5$	Pass
802.11ac (VHT20)	SISO	5745	1	17.354	$\geq 0.5$	Pass
		5785	1	17.334	$\geq 0.5$	Pass
		5825	1	17.543	$\geq 0.5$	Pass
802.11ac (VHT40)	SISO	5755	1	35.522	$\geq 0.5$	Pass
		5795	1	35.546	$\geq 0.5$	Pass
802.11ac (VHT80)	SISO	5775	1	75.530	$\geq 0.5$	Pass

### 2.1.3 26dB BW

Mode	TX Type	Frequency (MHz)	ANT	26dB Bandwidth (MHz)		Verdict
				Result	Limit	
802.11a	SISO	5180	1	25.404	/	Pass
		5200	1	24.801	/	Pass
		5240	1	24.911	/	Pass
		5260	1	24.099	/	Pass
		5300	1	24.121	/	Pass
		5320	1	24.573	/	Pass
		5500	1	23.899	/	Pass
		5580	1	24.309	/	Pass
		5700	1	24.862	/	Pass
802.11n (HT20)	SISO	5180	1	25.806	/	Pass
		5200	1	25.579	/	Pass
		5240	1	26.471	/	Pass
		5260	1	29.049	/	Pass
		5300	1	26.794	/	Pass
		5320	1	26.413	/	Pass
		5500	1	24.769	/	Pass
		5580	1	27.192	/	Pass
		5700	1	25.320	/	Pass
802.11n (HT40)	SISO	5190	1	42.811	/	Pass
		5230	1	46.384	/	Pass
		5270	1	46.724	/	Pass
		5310	1	47.531	/	Pass
		5510	1	52.272	/	Pass
		5550	1	50.328	/	Pass
		5670	1	48.309	/	Pass
802.11ac (VHT20)	SISO	5180	1	26.808	/	Pass
		5200	1	26.123	/	Pass
		5240	1	25.868	/	Pass



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		5260	1	25.044	/	Pass
		5300	1	28.233	/	Pass
		5320	1	28.770	/	Pass
		5500	1	26.406	/	Pass
		5580	1	24.568	/	Pass
		5700	1	27.511	/	Pass
802.11ac (VHT40)	SISO	5190	1	49.530	/	Pass
		5230	1	43.937	/	Pass
		5270	1	44.246	/	Pass
		5310	1	44.445	/	Pass
		5510	1	45.154	/	Pass
		5550	1	45.952	/	Pass
802.11ac (VHT80)	SISO	5670	1	45.991	/	Pass
		5210	1	87.930	/	Pass
		5290	1	86.470	/	Pass
		5530	1	87.178	/	Pass
		5610	1	86.635	/	Pass



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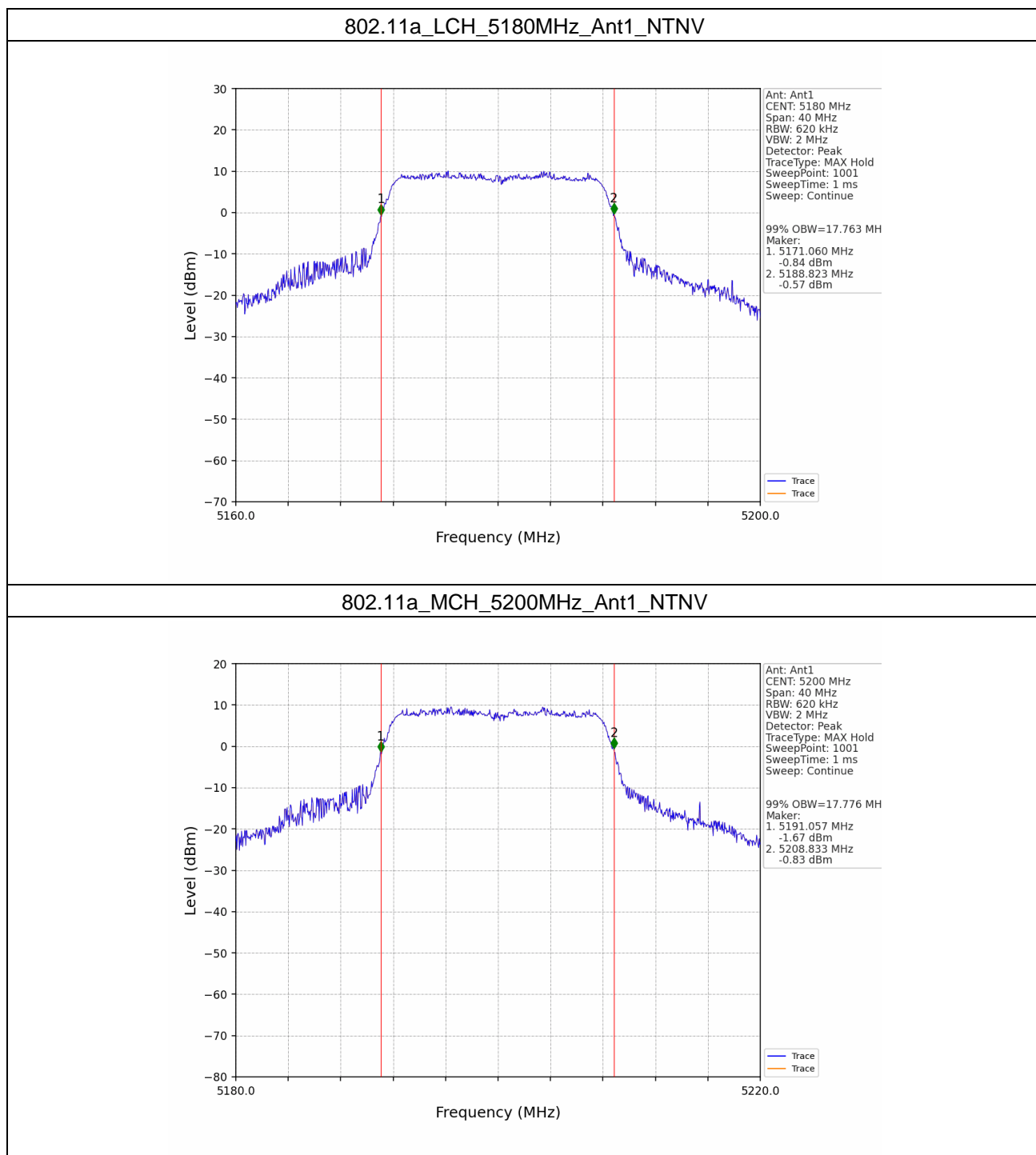
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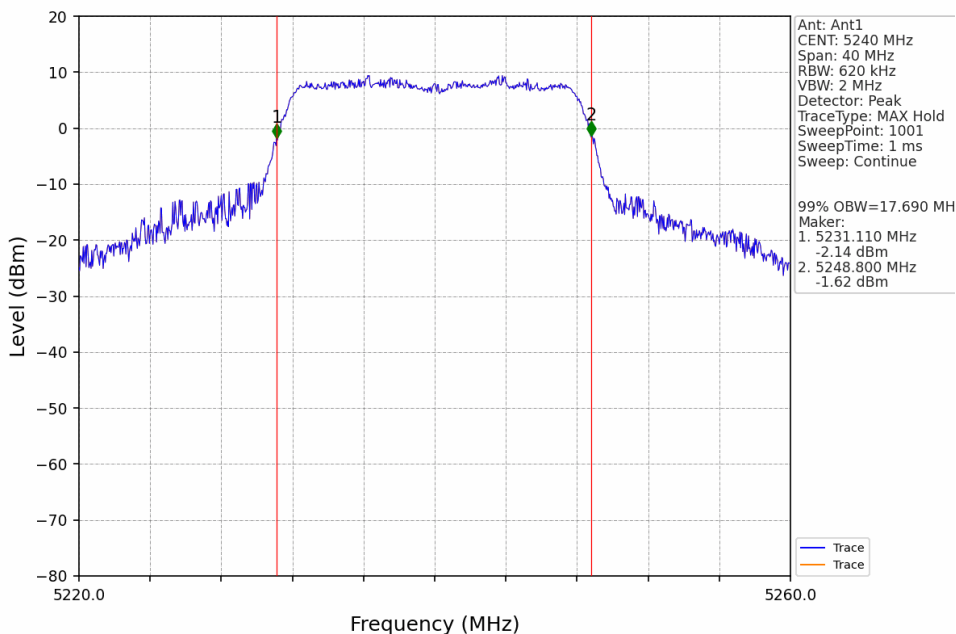
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## 2.2 Test Graph

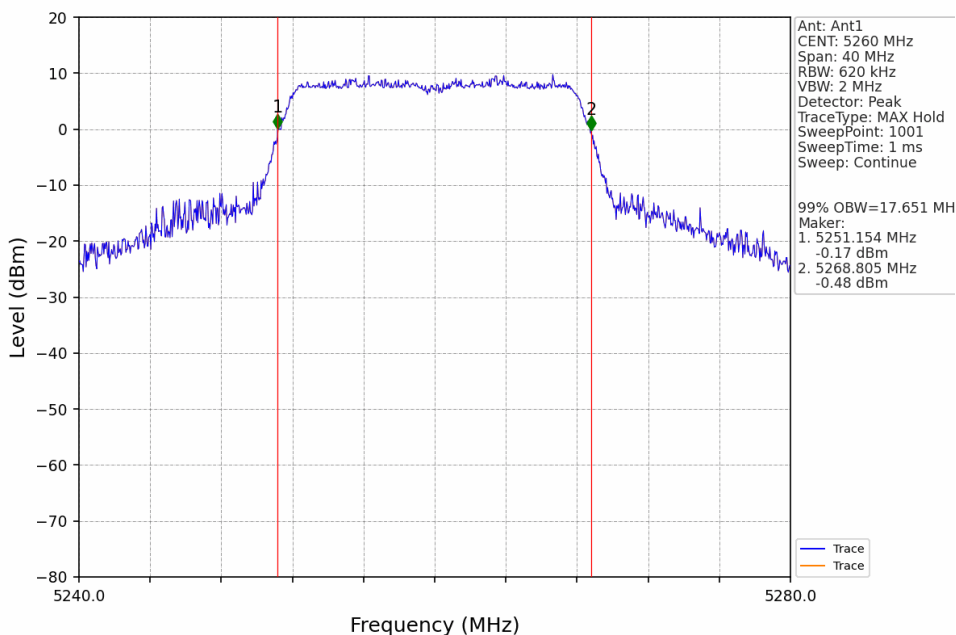
### 2.2.1 OBW



802.11a\_HCH\_5240MHz\_Ant1\_NTNV



802.11a\_LCH\_5260MHz\_Ant1\_NTNV



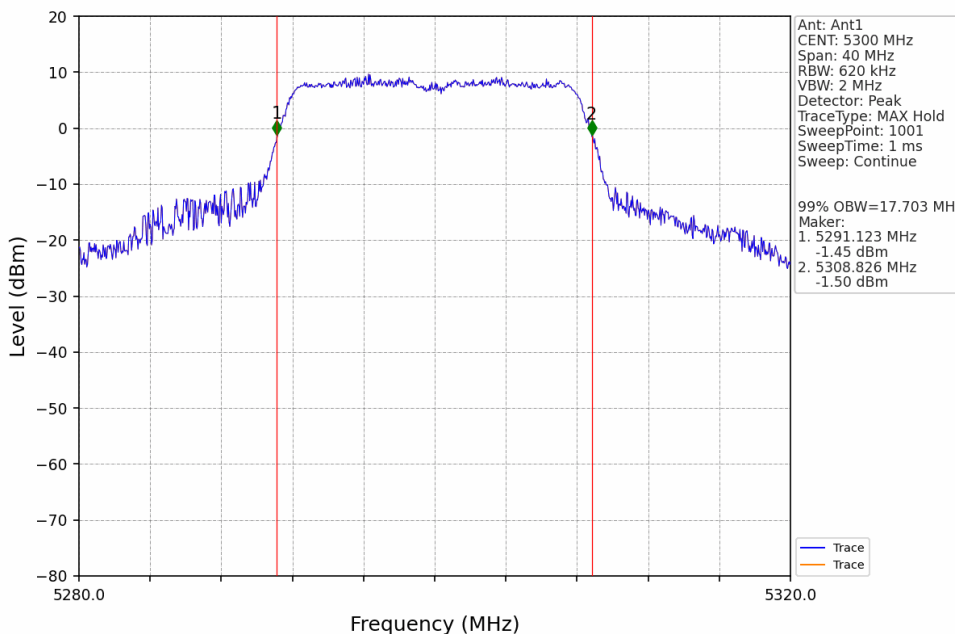
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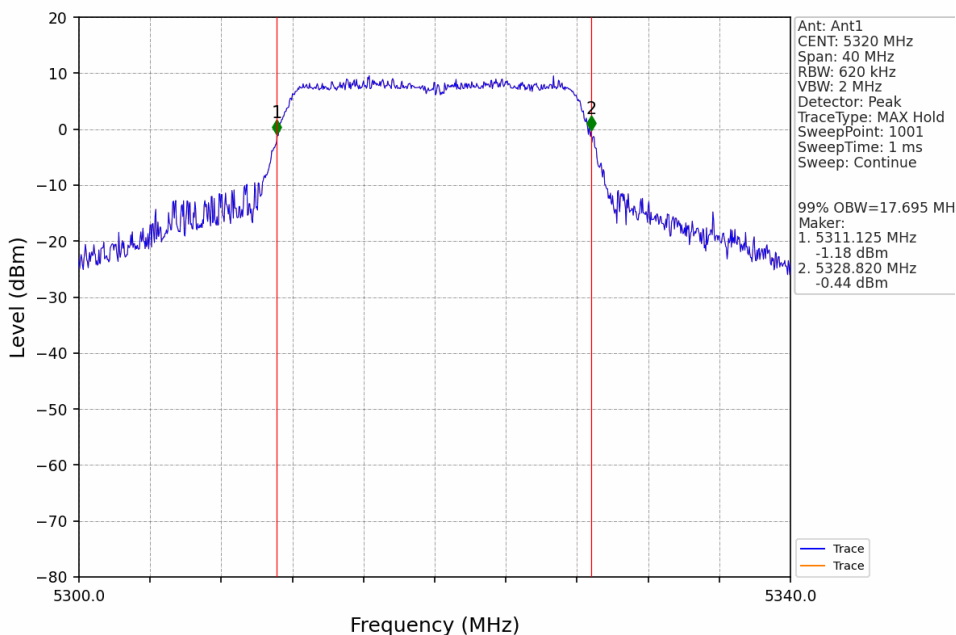
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802.11a\_MCH\_5300MHz\_Ant1\_NTNV

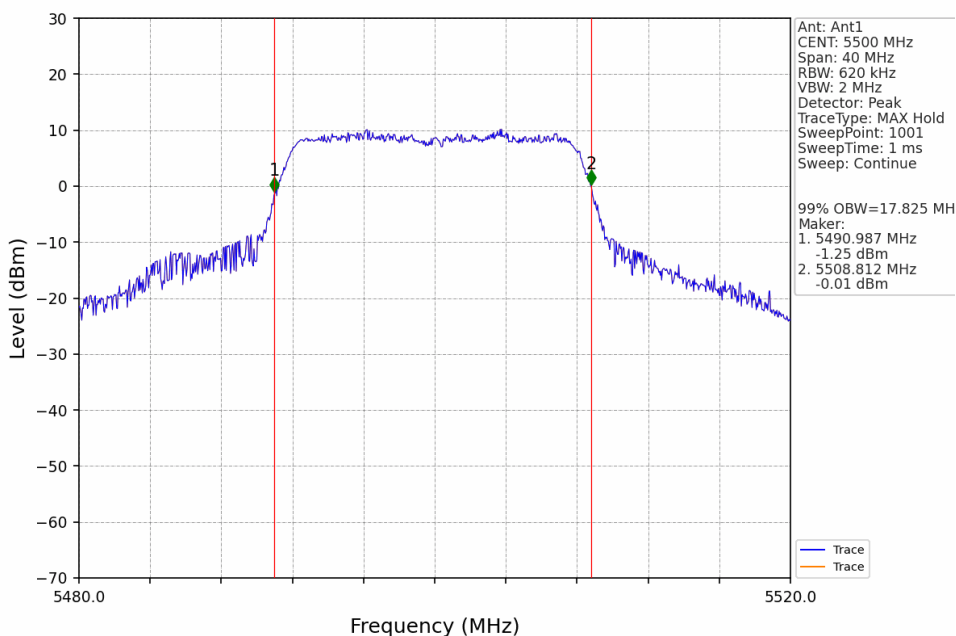


802.11a\_HCH\_5320MHz\_Ant1\_NTNV

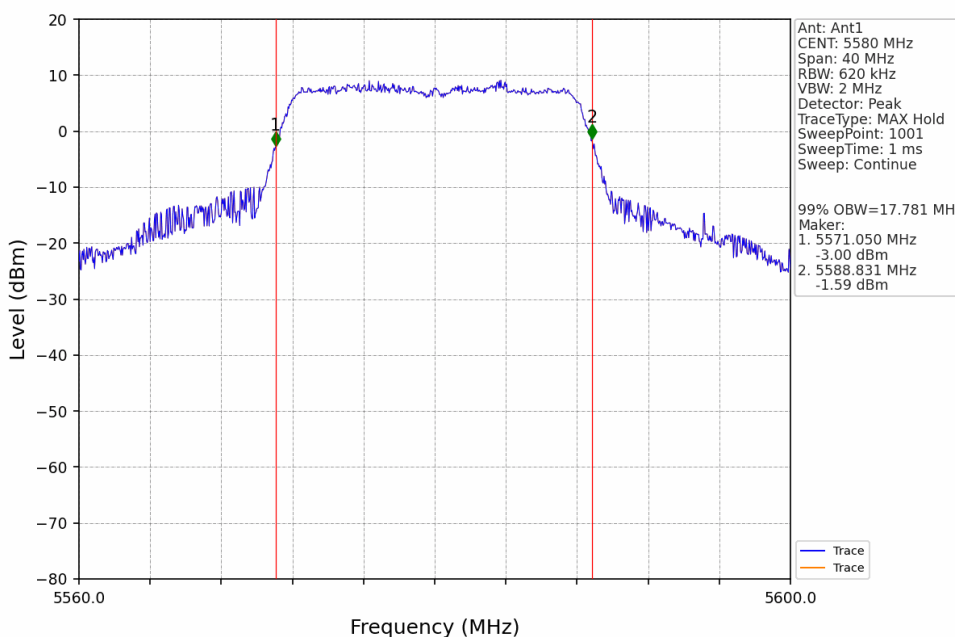




802.11a\_LCH\_5500MHz\_Ant1\_NTNV



802.11a\_MCH\_5580MHz\_Ant1\_NTNV



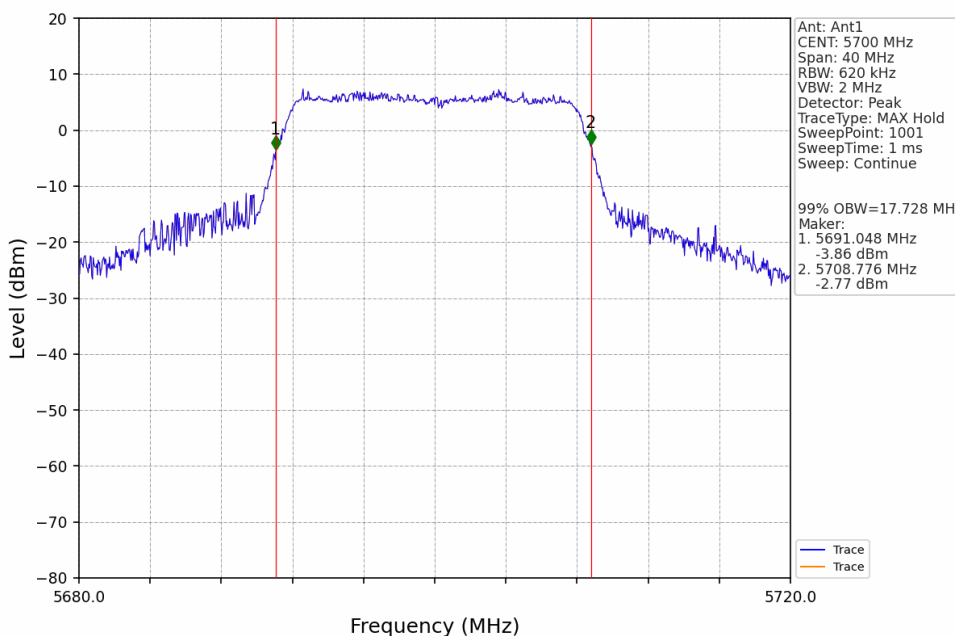
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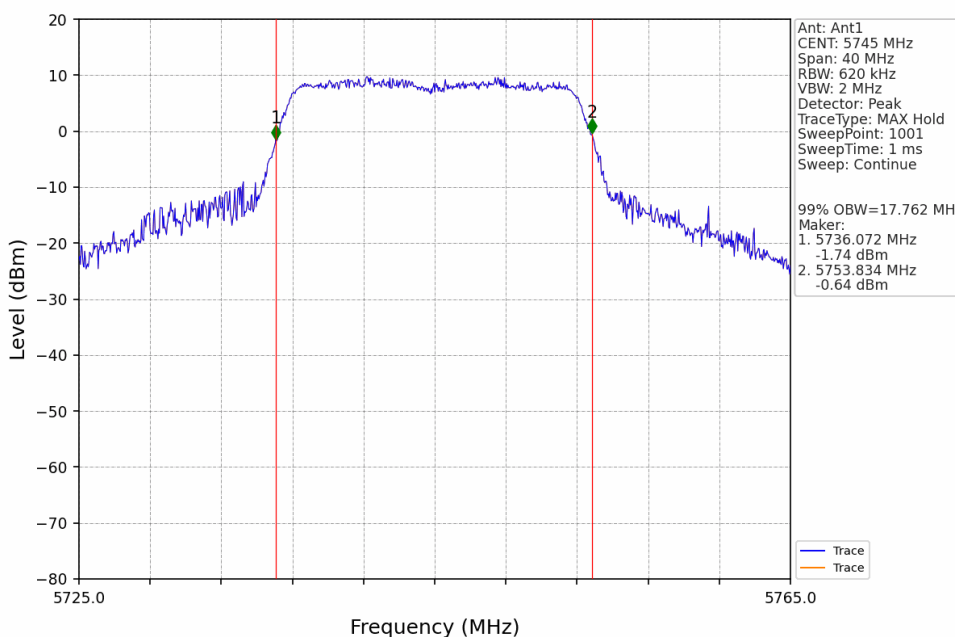
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802.11a\_HCH\_5700MHz\_Ant1\_NTNV



802.11a\_LCH\_5745MHz\_Ant1\_NTNV



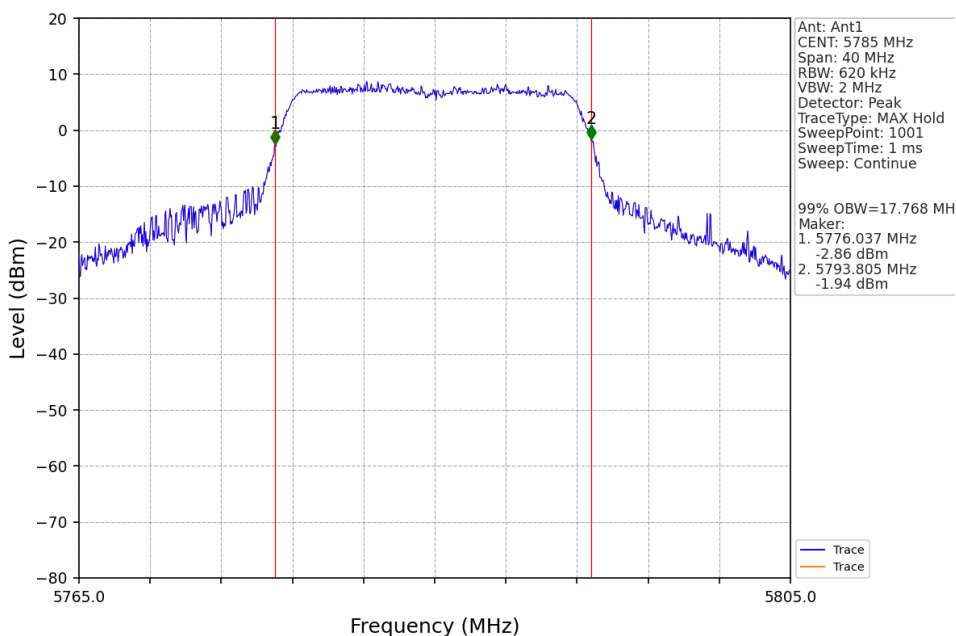
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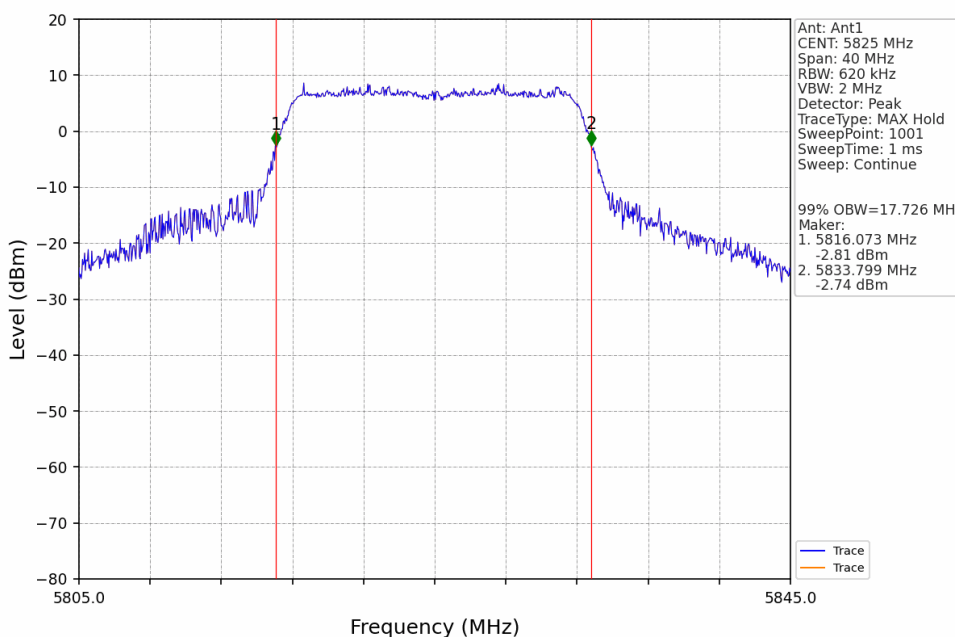
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802.11a\_MCH\_5785MHz\_Ant1\_NTNV



802.11a\_HCH\_5825MHz\_Ant1\_NTNV



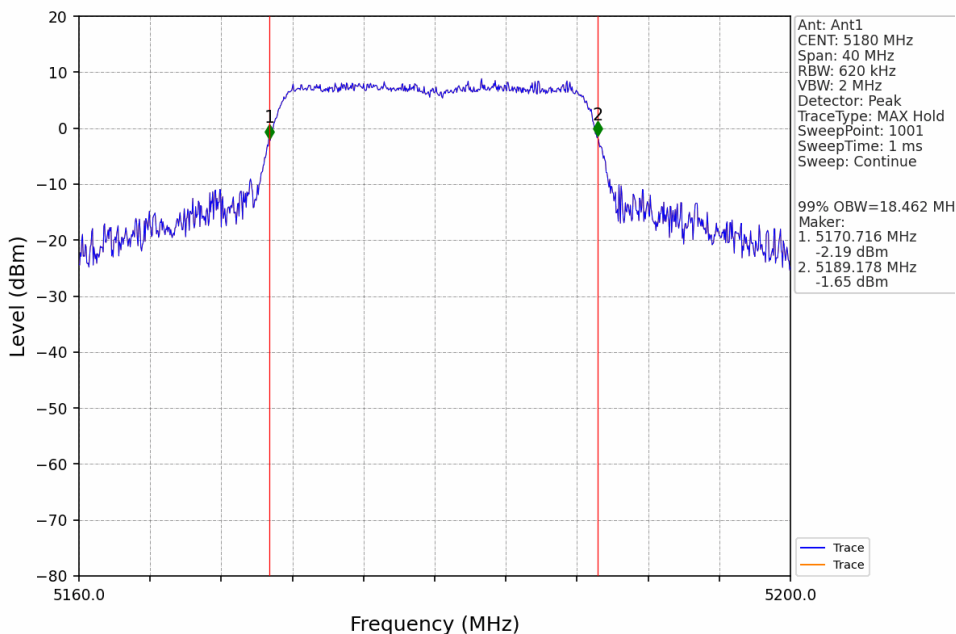
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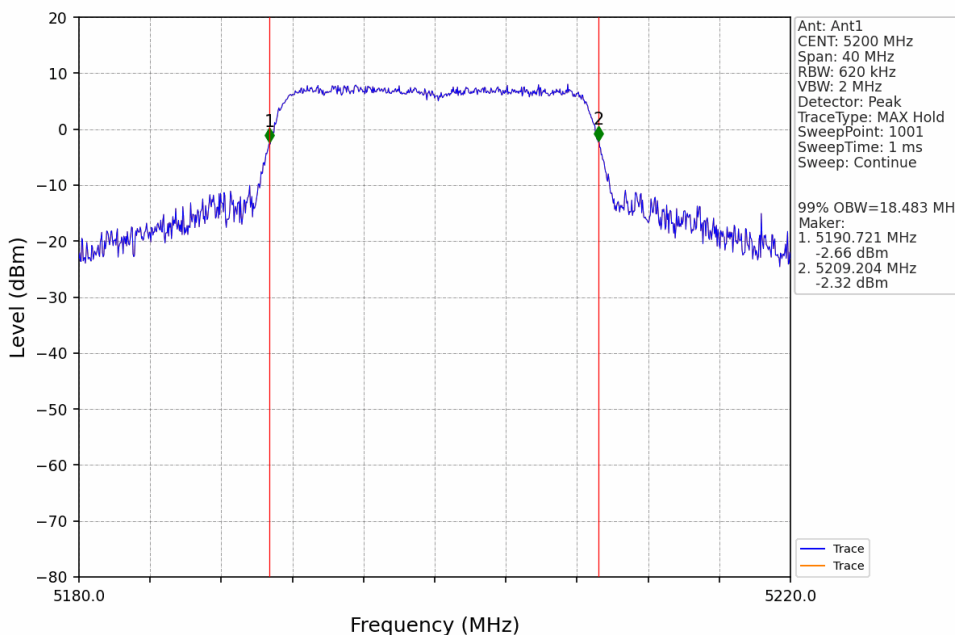
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802.11n(HT20)\_LCH\_5180MHz\_Ant1\_NTNV

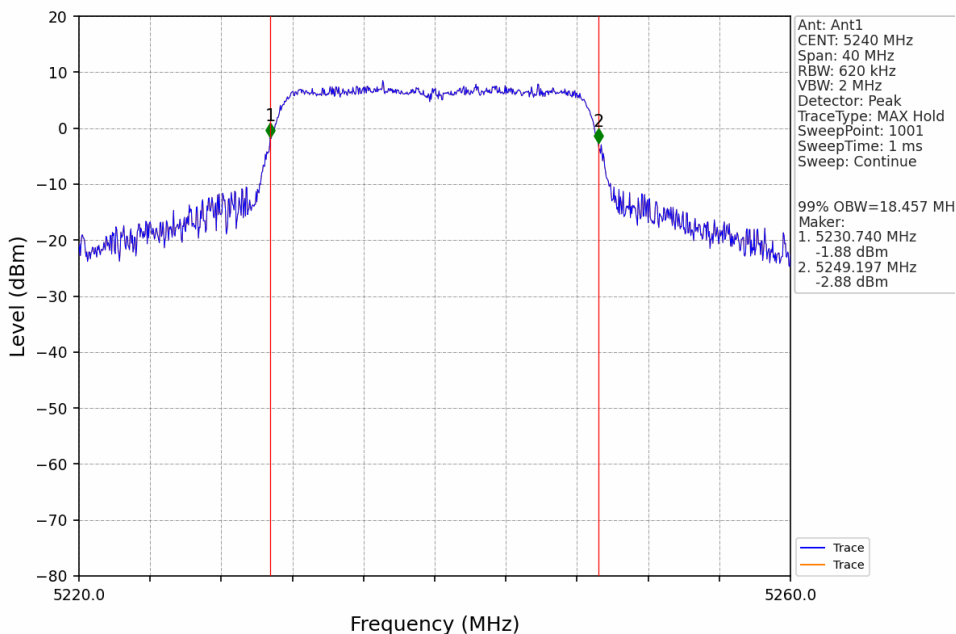


802.11n(HT20)\_MCH\_5200MHz\_Ant1\_NTNV

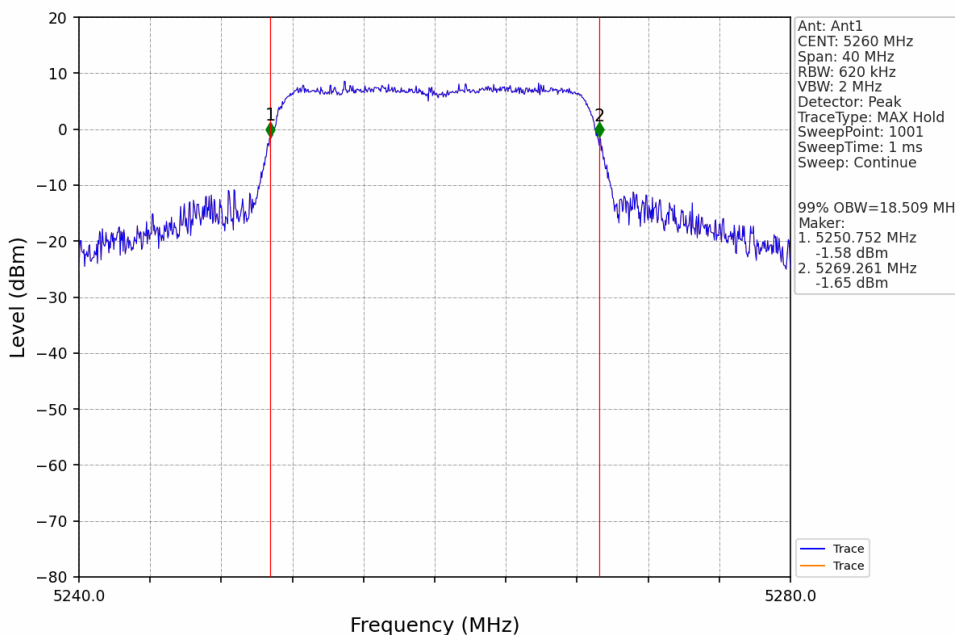




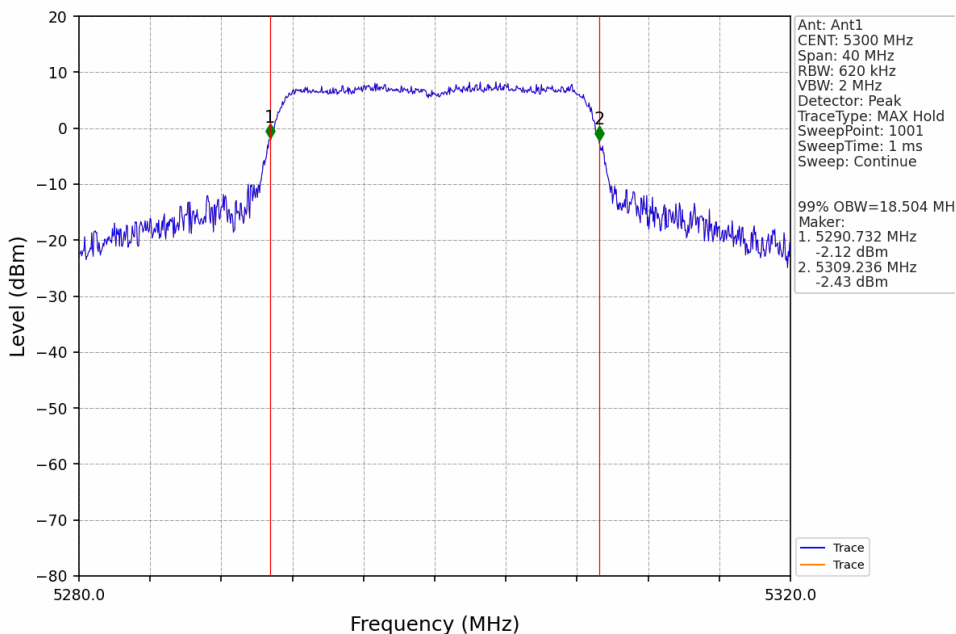
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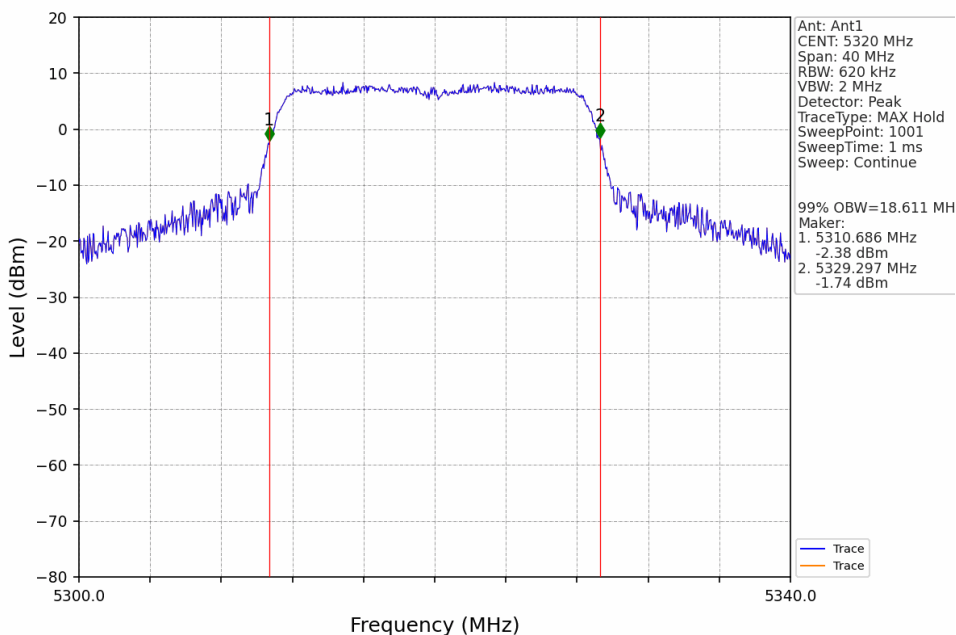
802.11n(HT20)\_LCH\_5260MHz\_Ant1\_NTNV



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



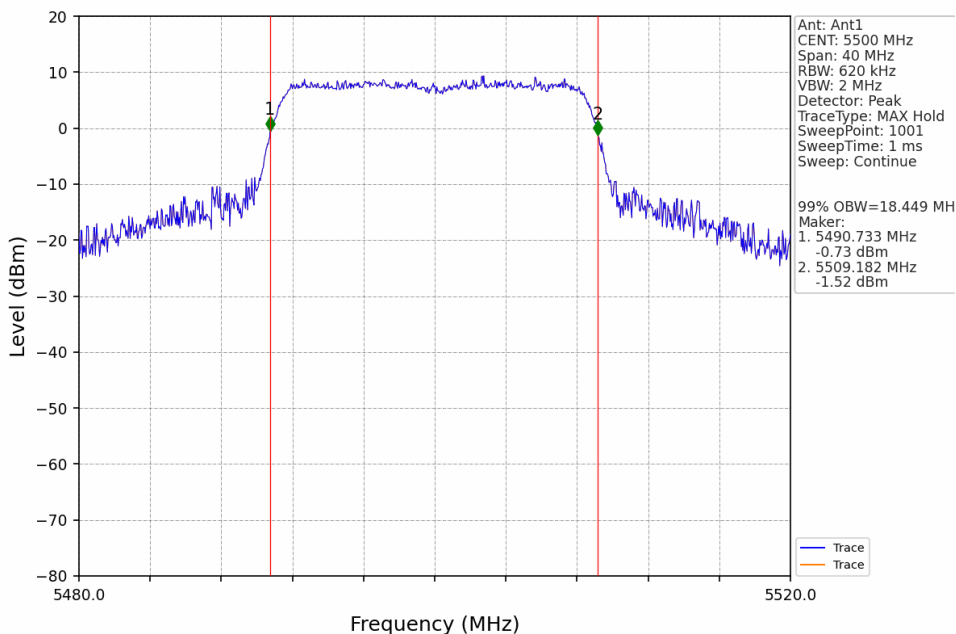
802.11n(HT20)\_HCH\_5320MHz\_Ant1\_NTNV



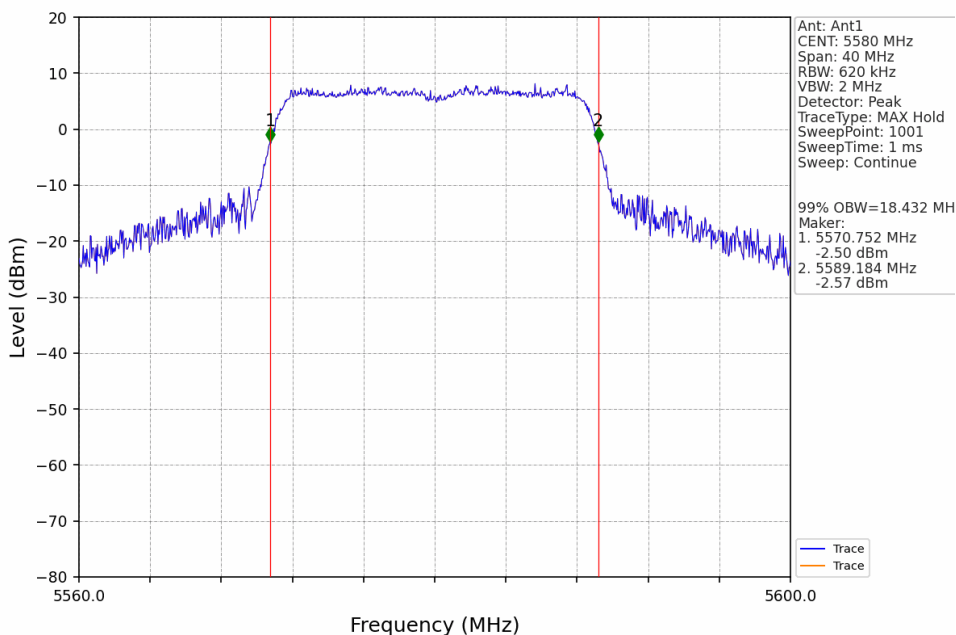
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802.11n(HT20)\_LCH\_5500MHz\_Ant1\_NTNV



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



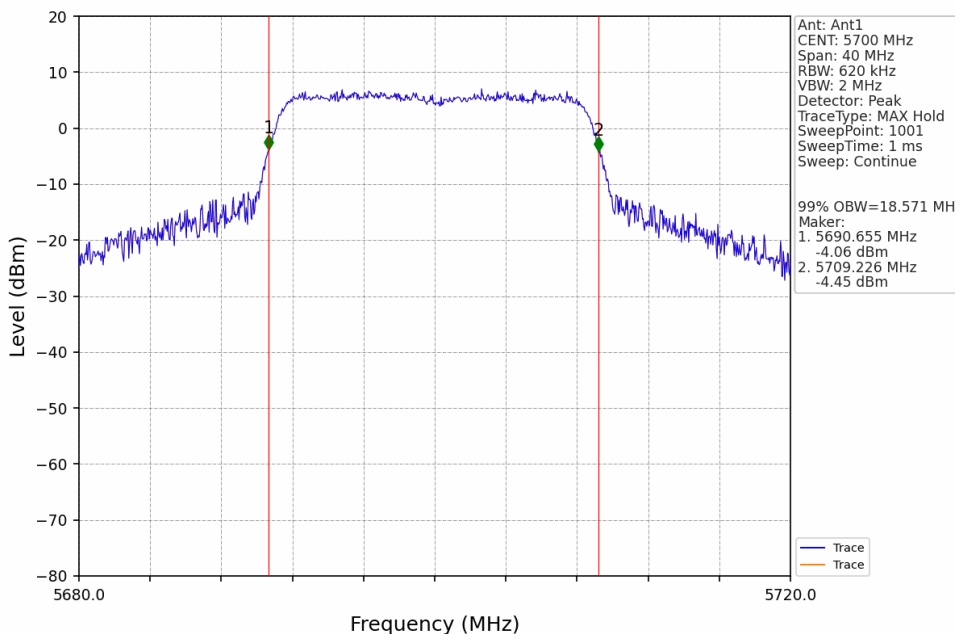
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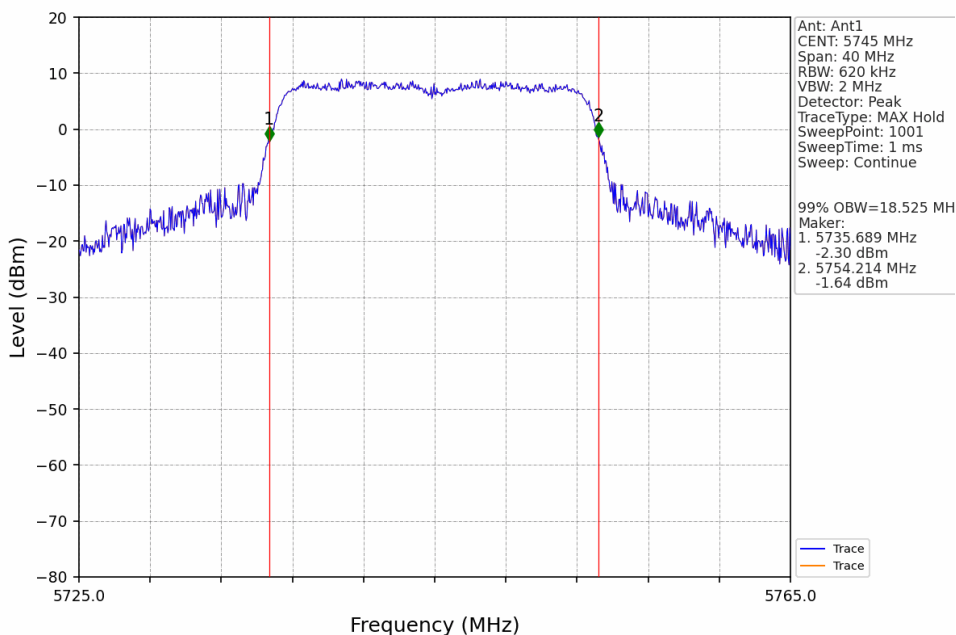
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802.11n(HT20)\_HCH\_5700MHz\_Ant1\_NTNV



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



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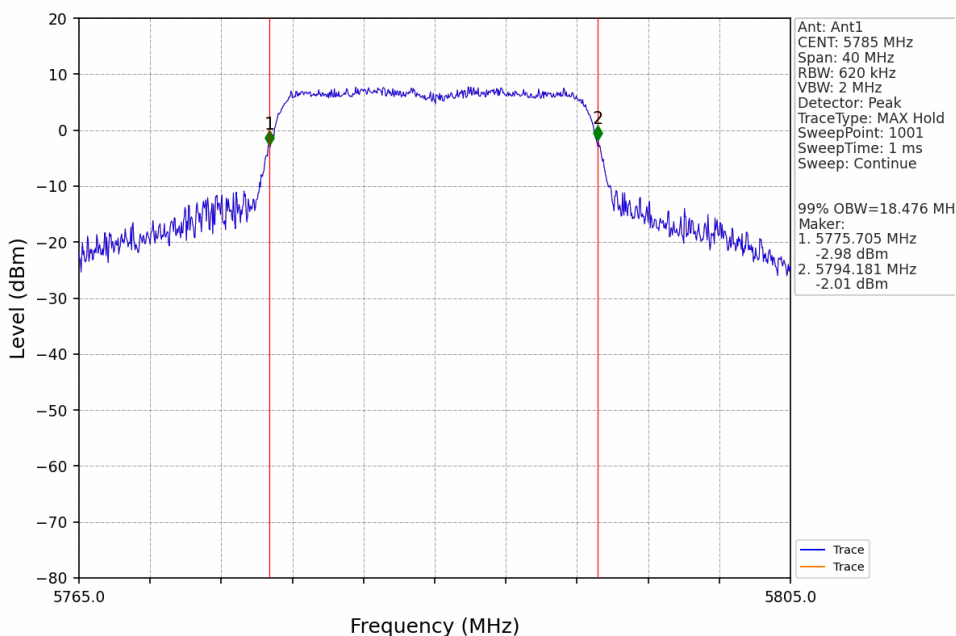
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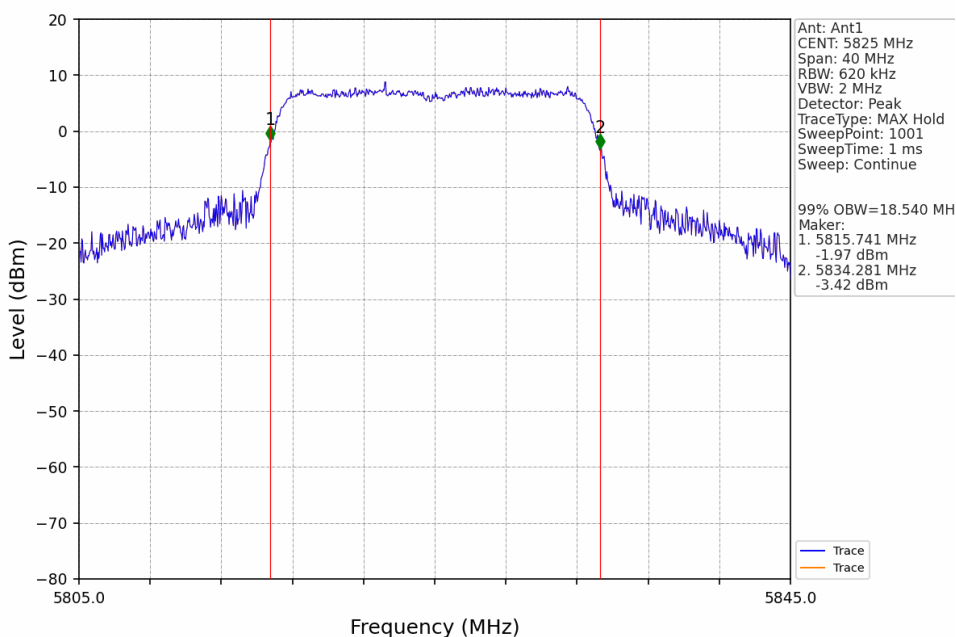
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802.11n(HT20)\_MCH\_5785MHz\_Ant1\_NTNV



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



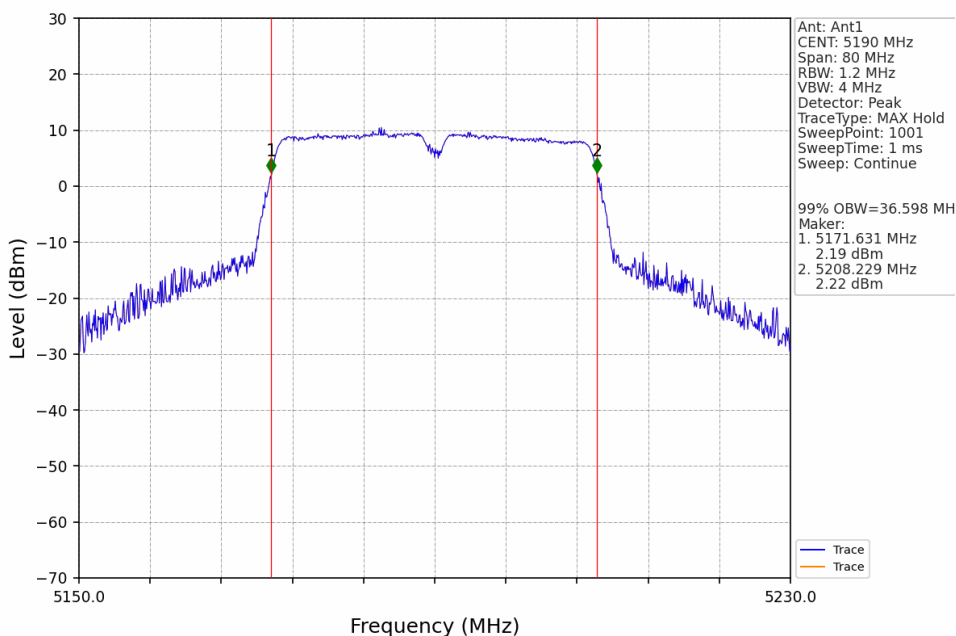
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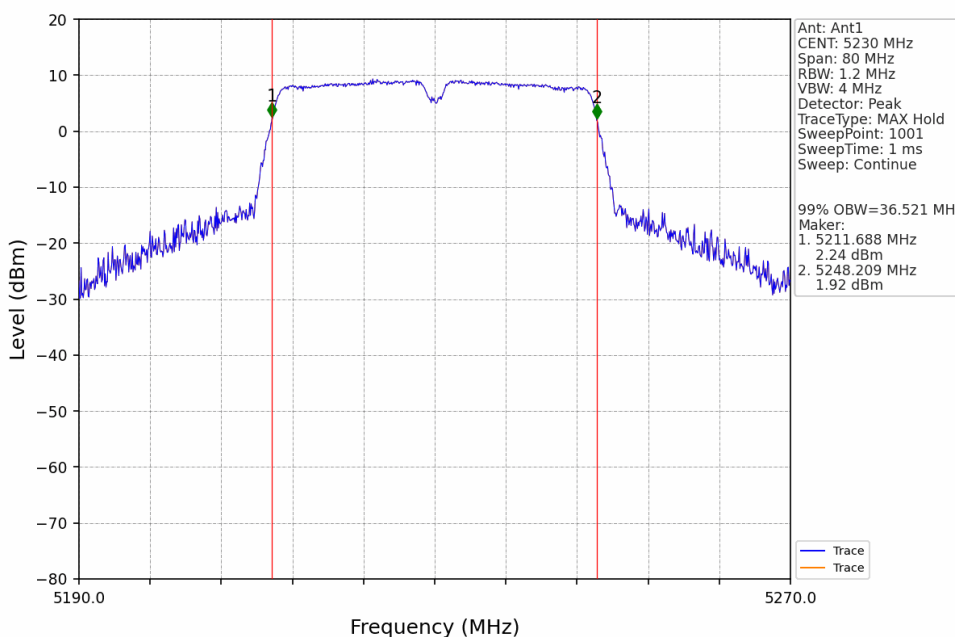
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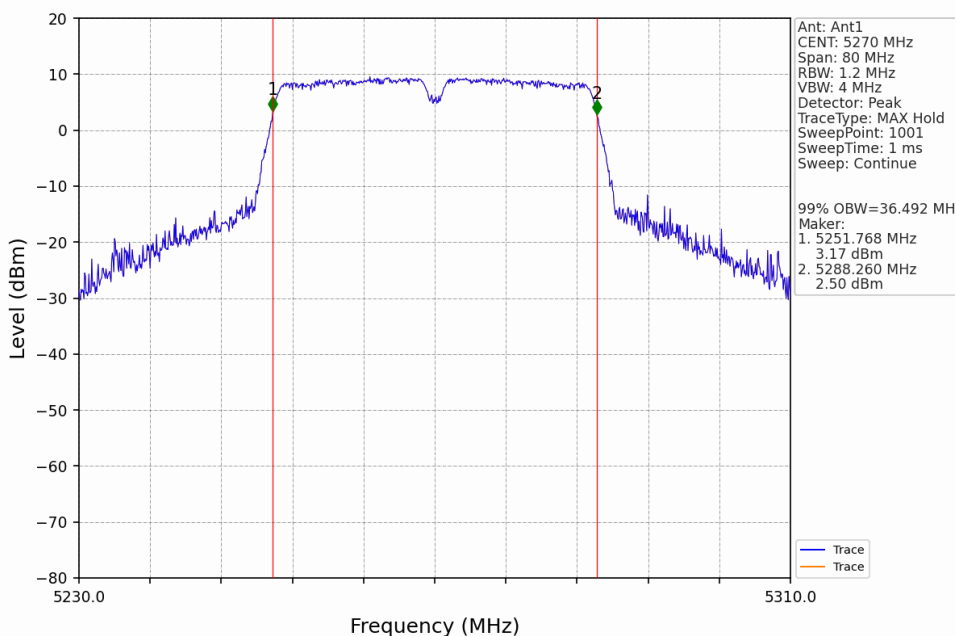
802.11n(HT40)\_LCH\_5190MHz\_Ant1\_NTNV



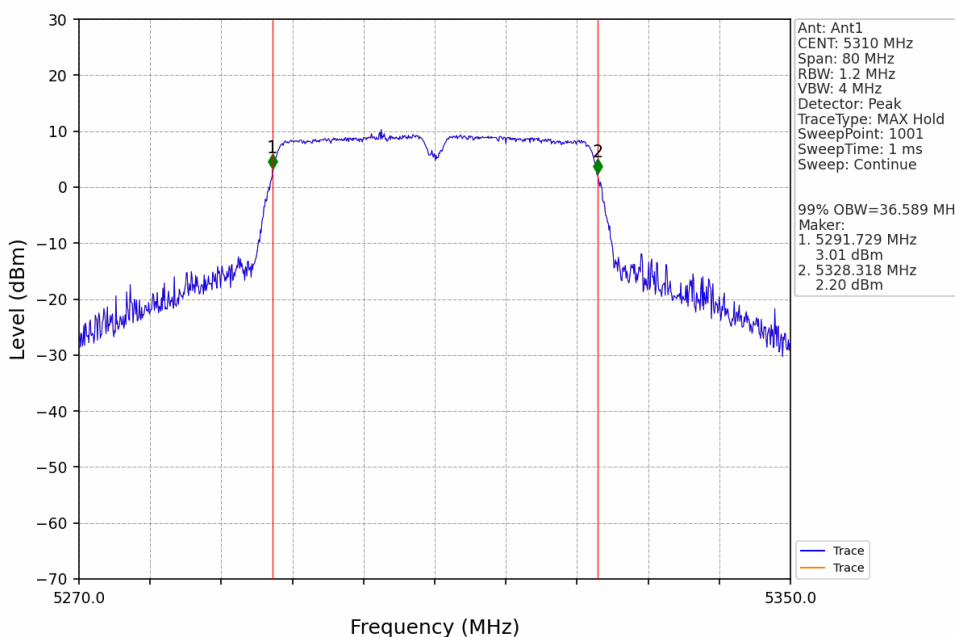
802.11n(HT40)\_HCH\_5230MHz\_Ant1\_NTNV



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



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



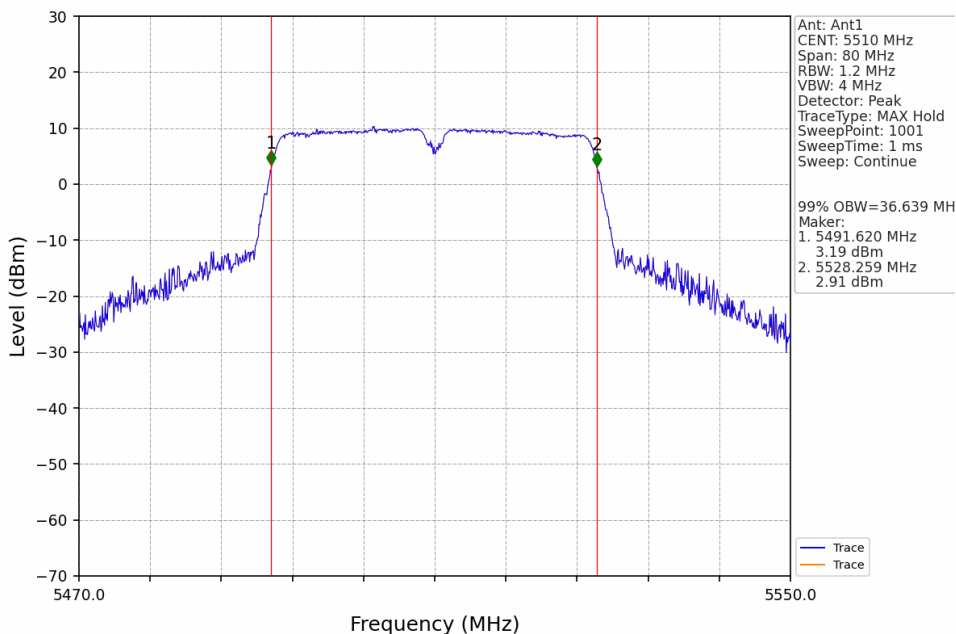
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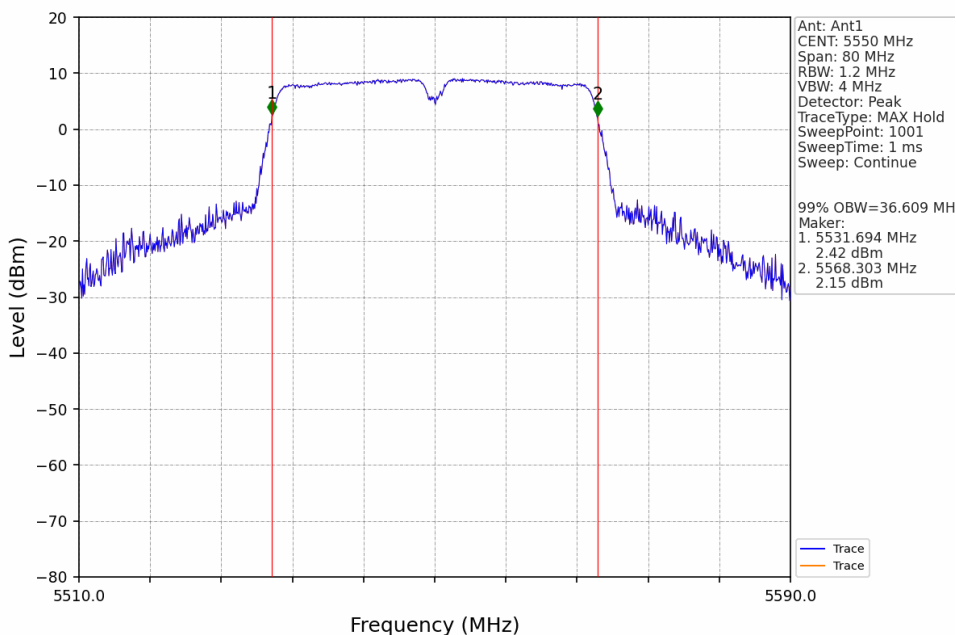
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802.11n(HT40)\_LCH\_5510MHz\_Ant1\_NTNV

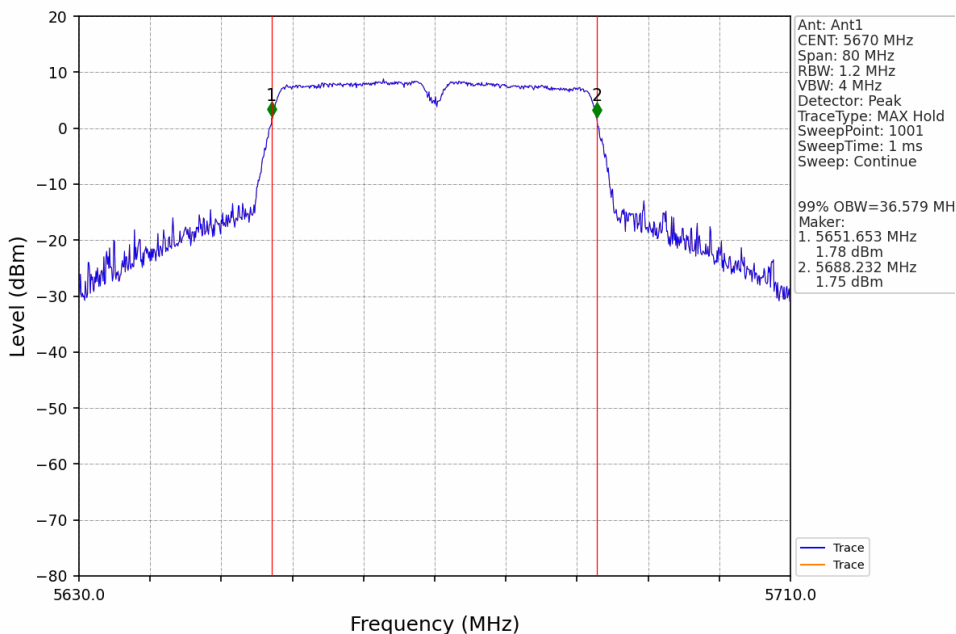


802.11n(HT40)\_MCH\_5550MHz\_Ant1\_NTNV

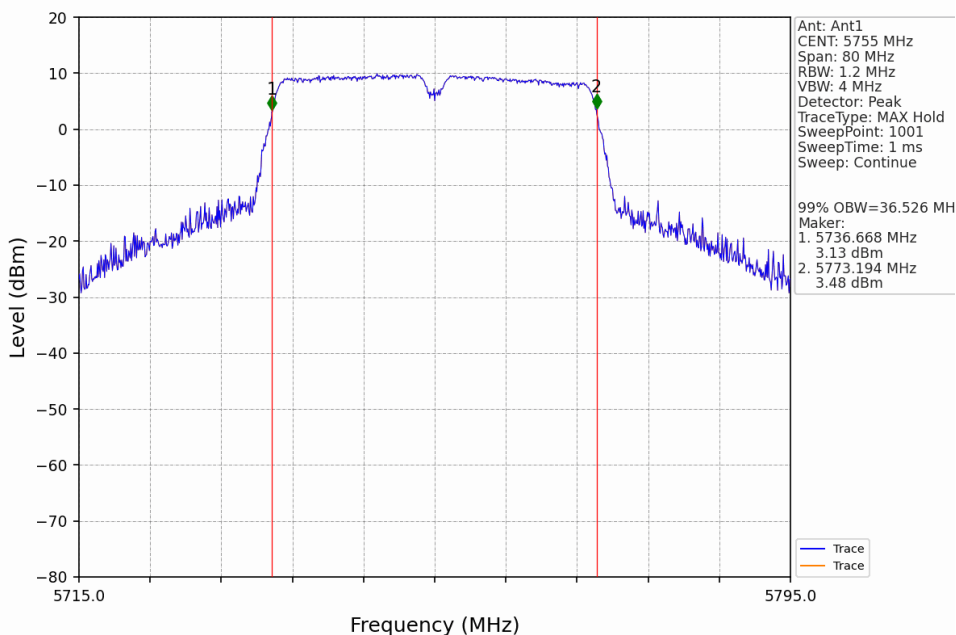




802.11n(HT40)\_HCH\_5670MHz\_Ant1\_NTNV



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

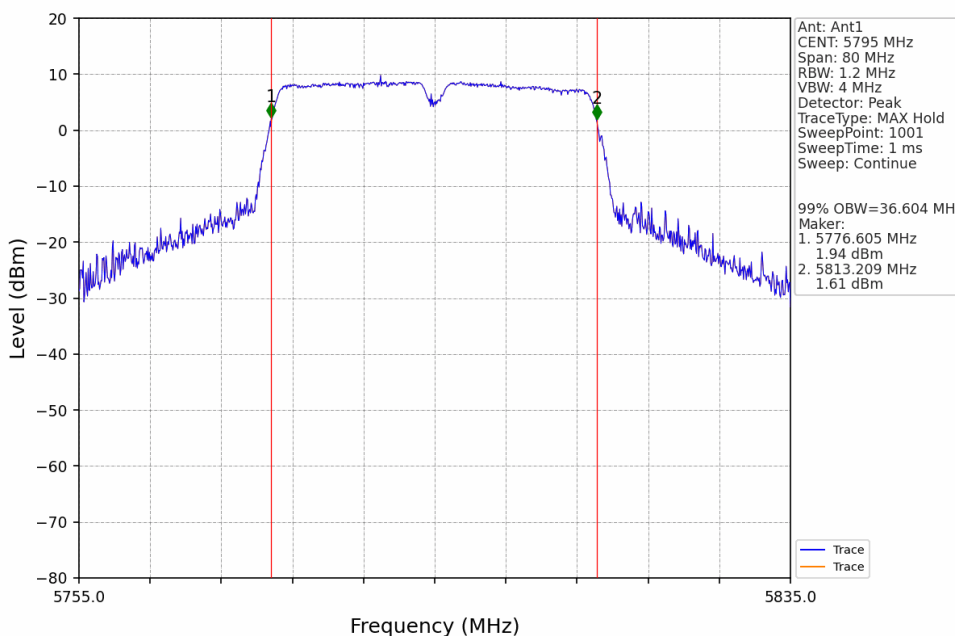


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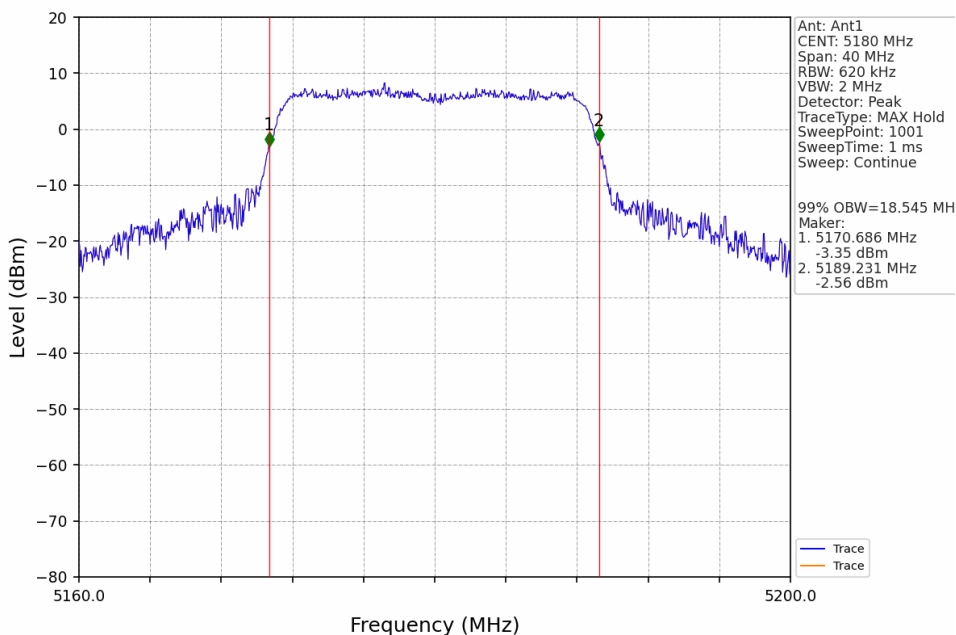
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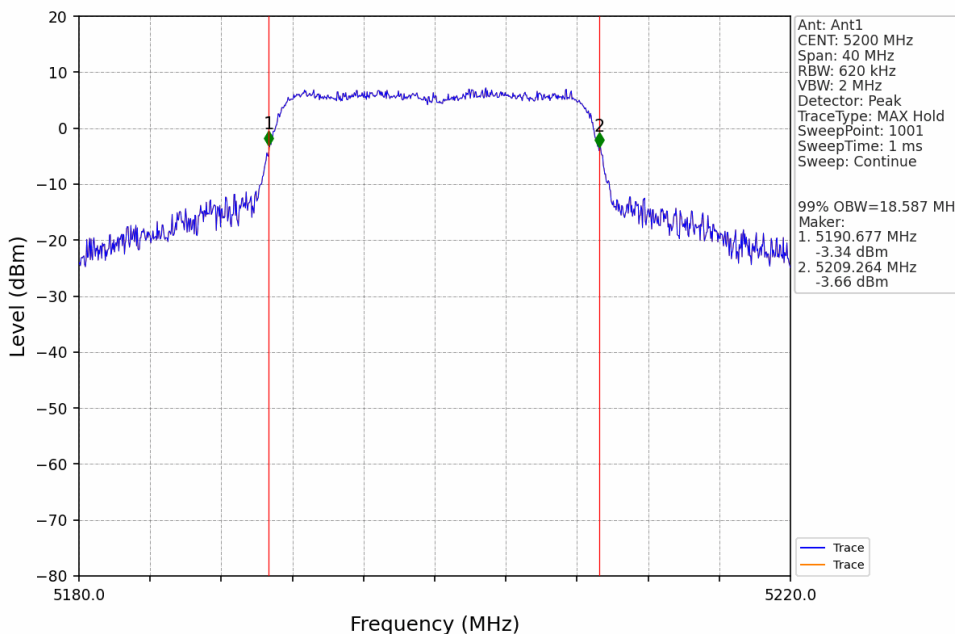
802.11n(HT40)\_HCH\_5795MHz\_Ant1\_NTNV



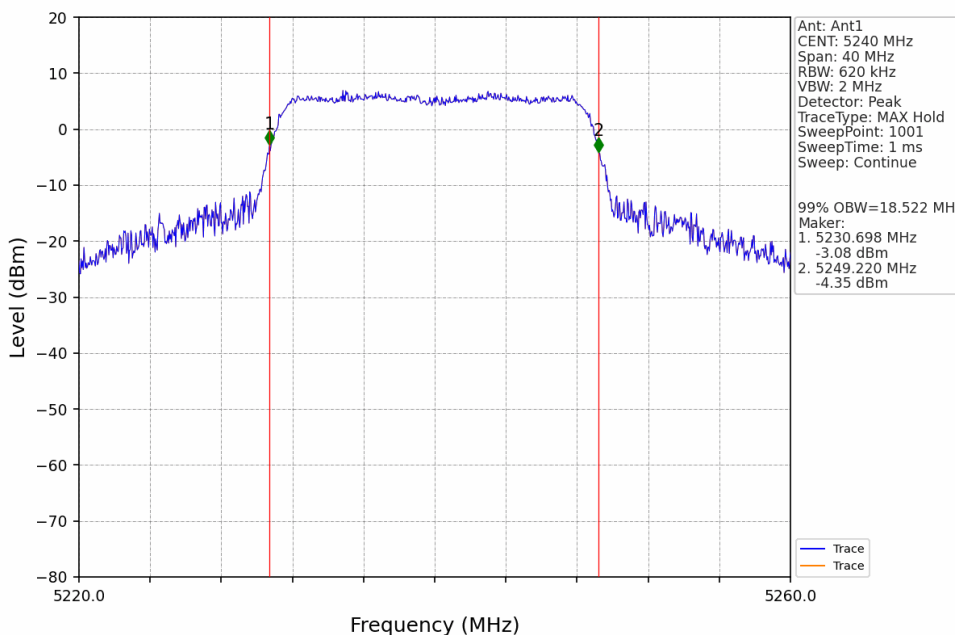
802.11ac(VHT20)\_LCH\_5180MHz\_Ant1\_NTNV



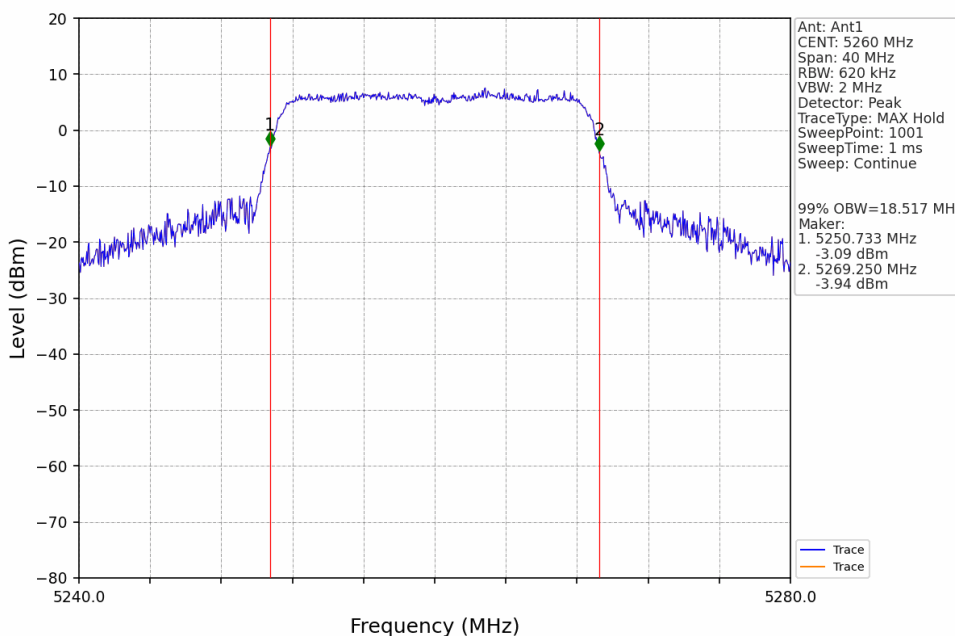
802.11ac(VHT20)\_MCH\_5200MHz\_Ant1\_NTNV



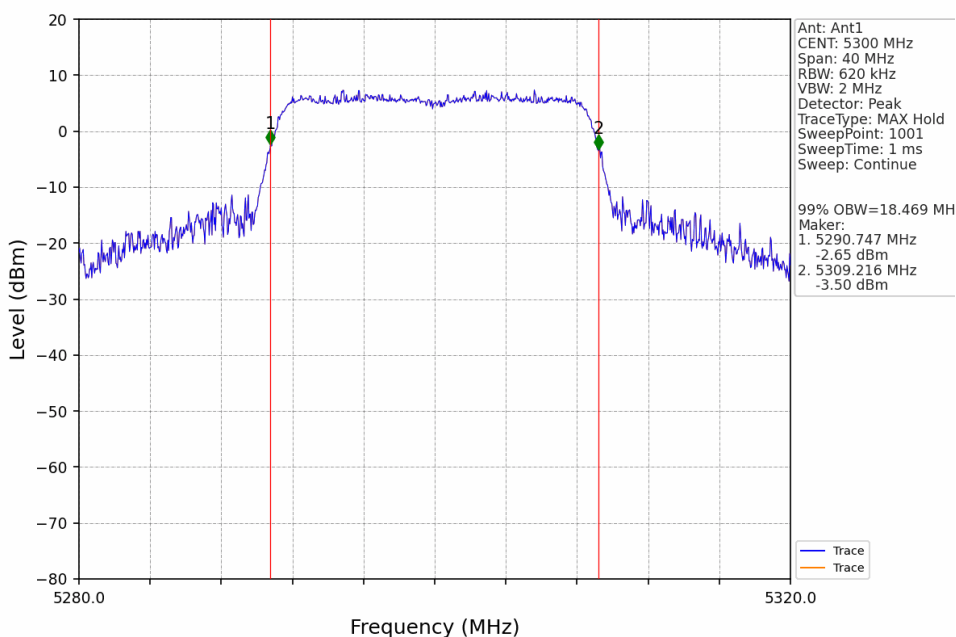
802.11ac(VHT20)\_HCH\_5240MHz\_Ant1\_NTNV



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



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

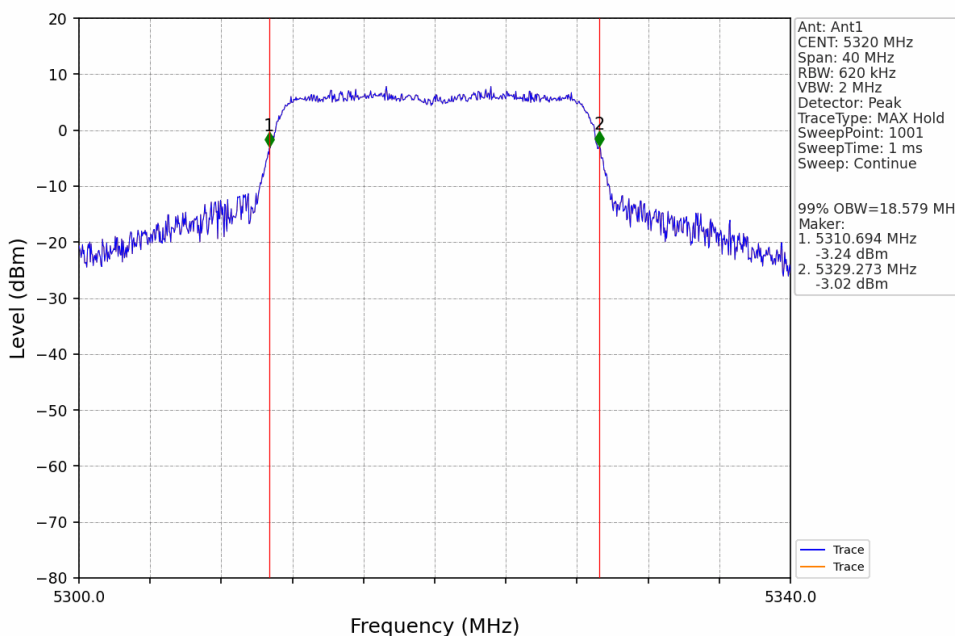


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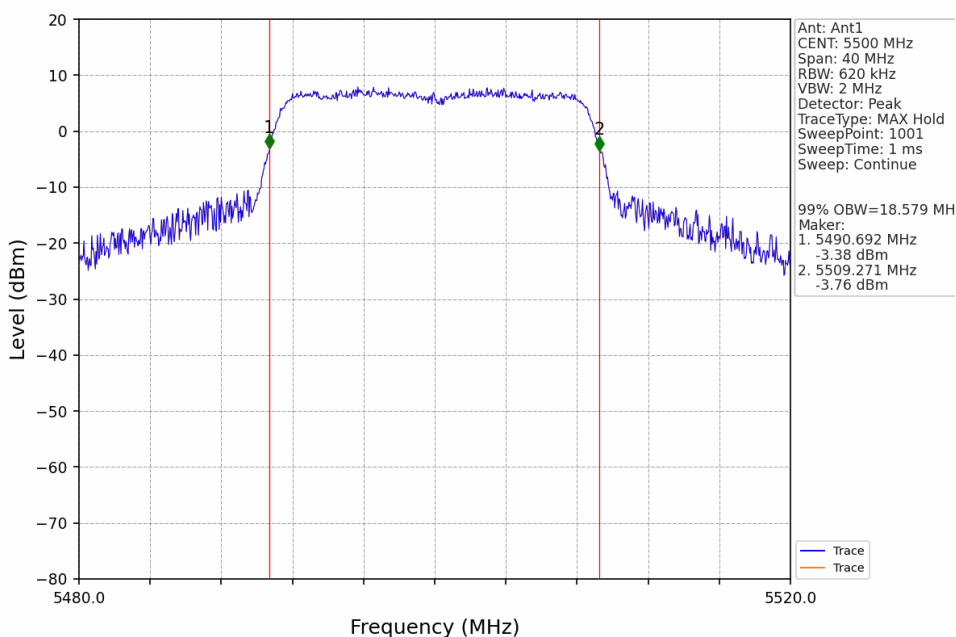
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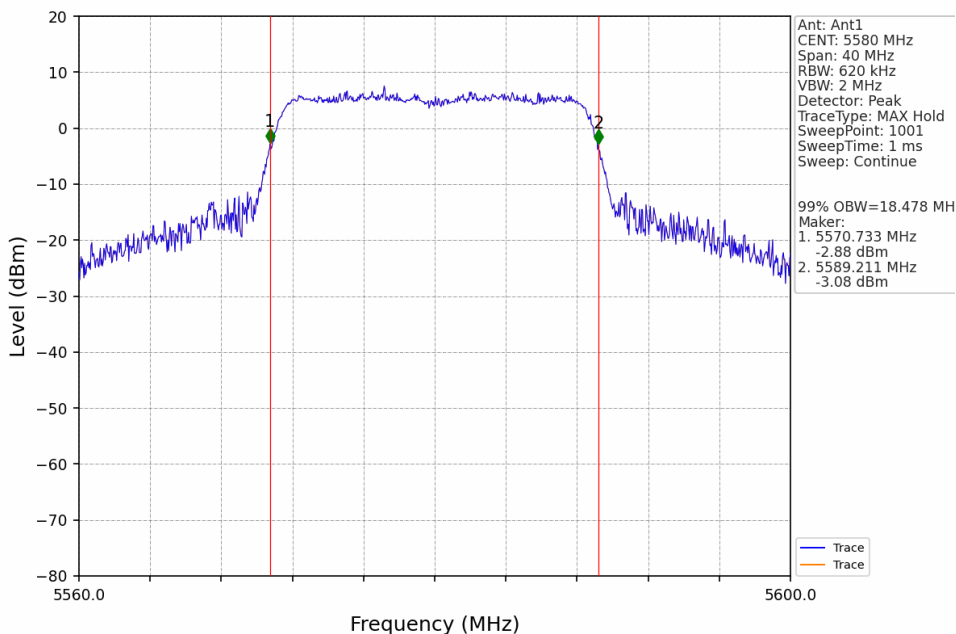
802.11ac(VHT20)\_HCH\_5320MHz\_Ant1\_NTNV



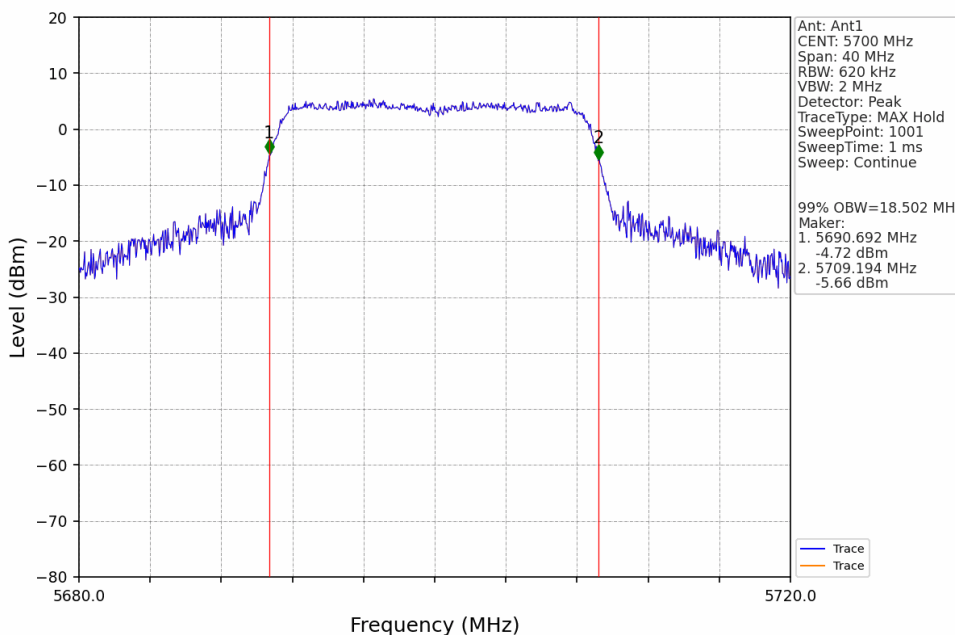
802.11ac(VHT20)\_LCH\_5500MHz\_Ant1\_NTNV



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



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



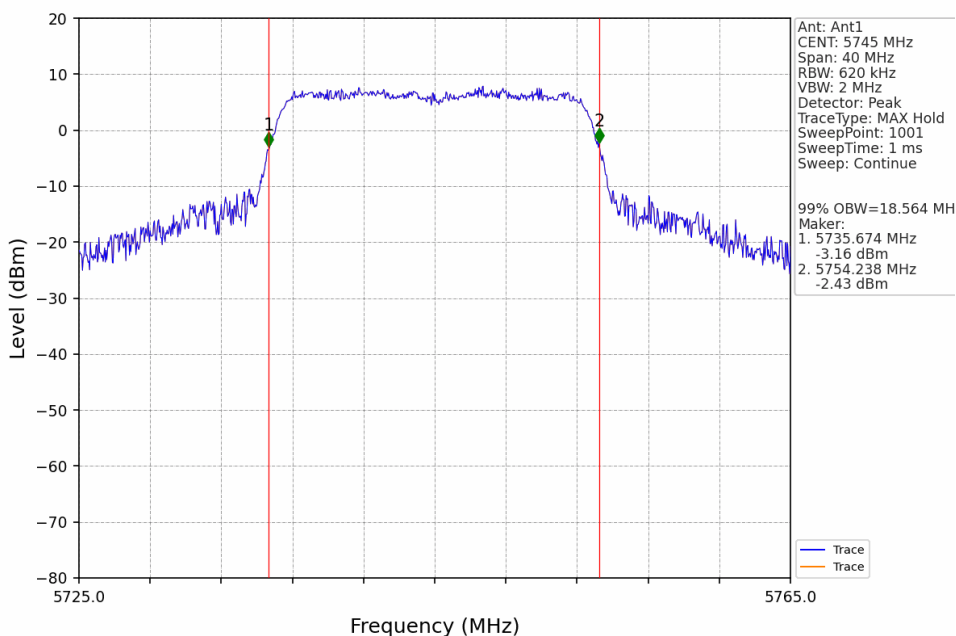
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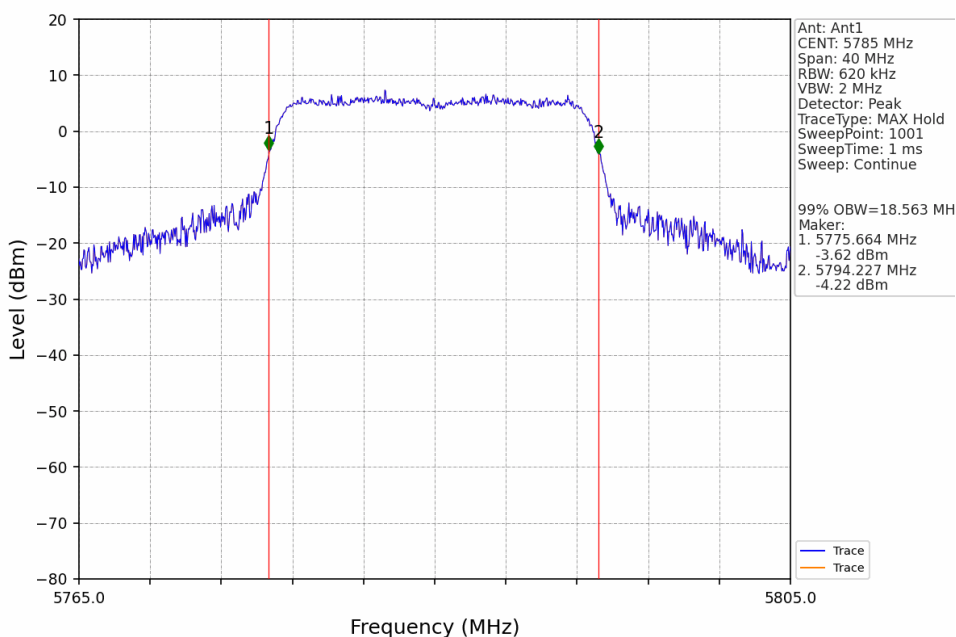
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802.11ac(VHT20)\_LCH\_5745MHz\_Ant1\_NTNV



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



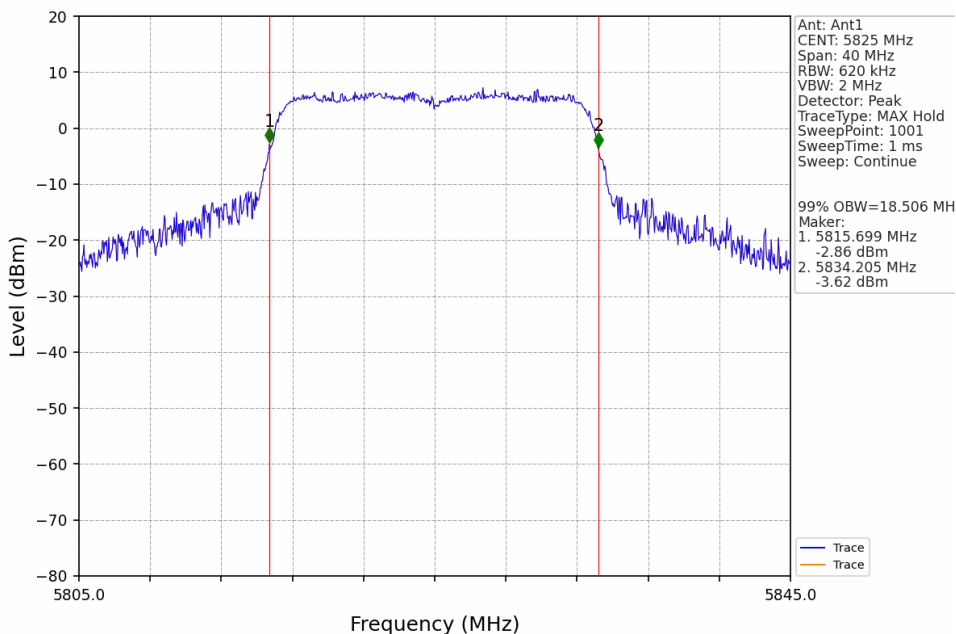
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802.11ac(VHT20)\_HCH\_5825MHz\_Ant1\_NTNV



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

