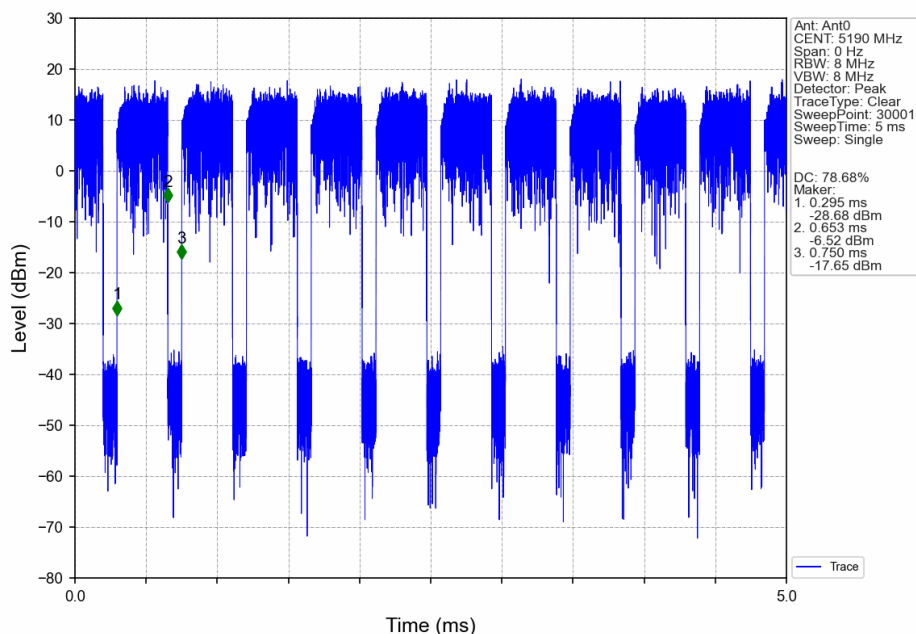
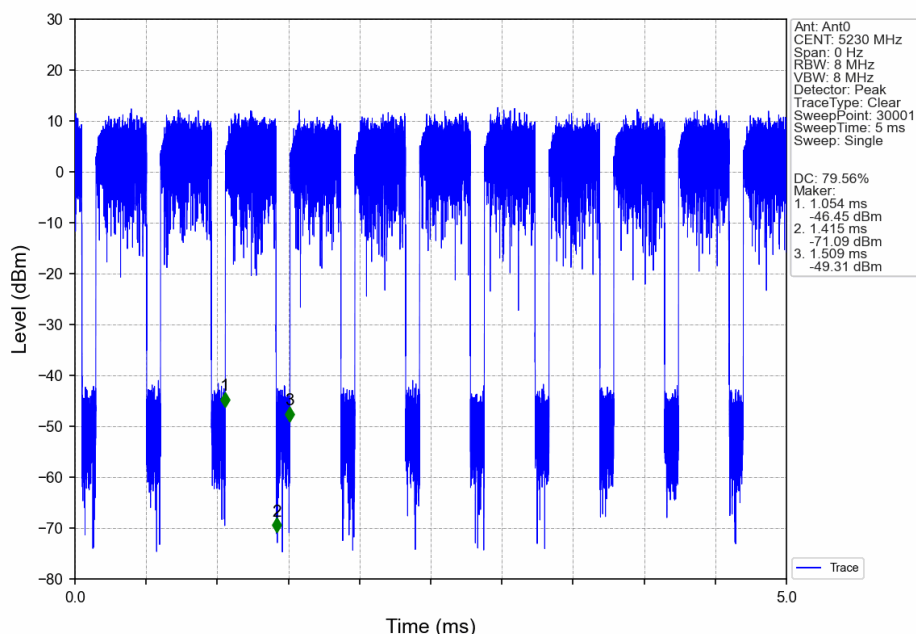


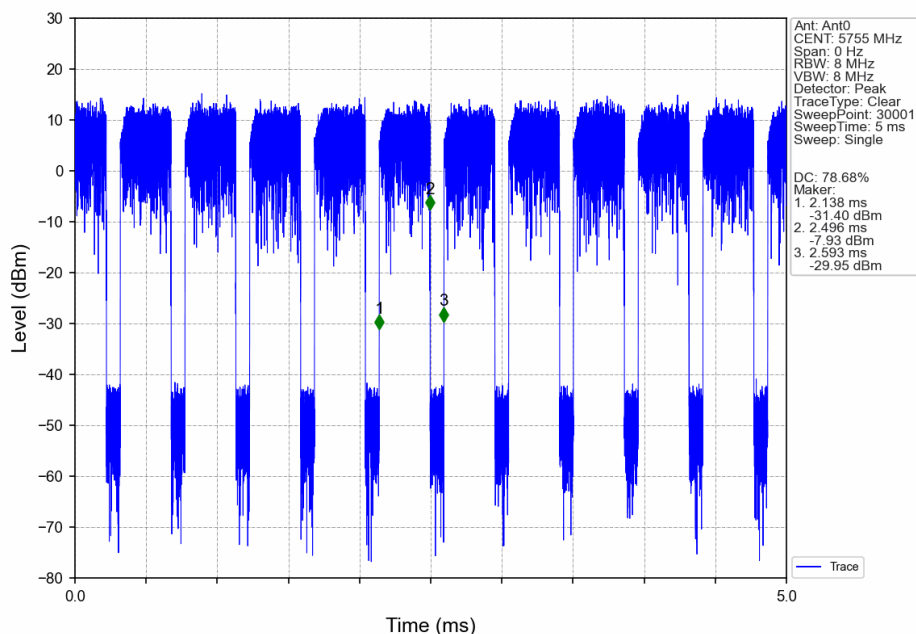
802.11n(HT40)\_LCH\_5190MHz\_Ant0\_NTNV



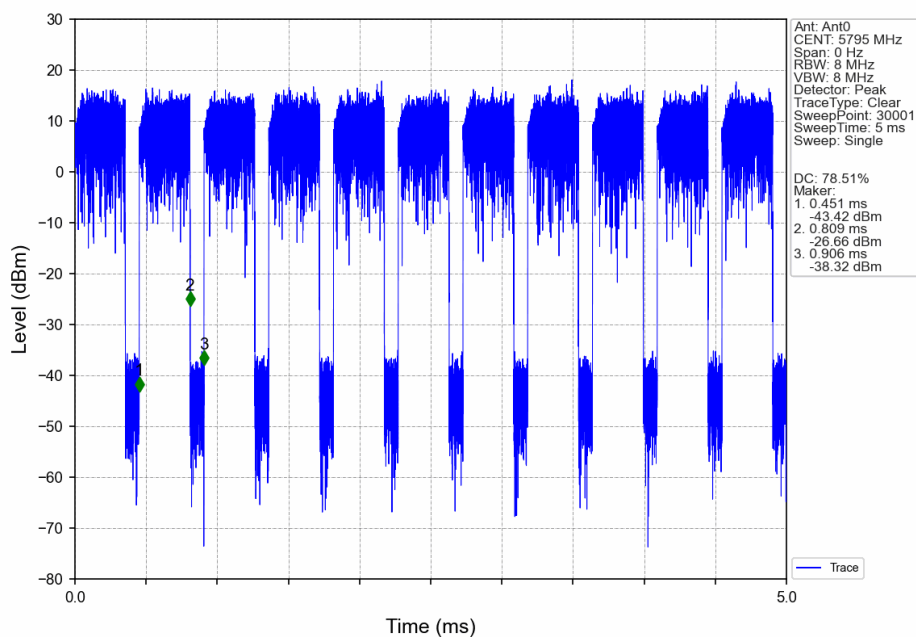
802.11n(HT40)\_HCH\_5230MHz\_Ant0\_NTNV



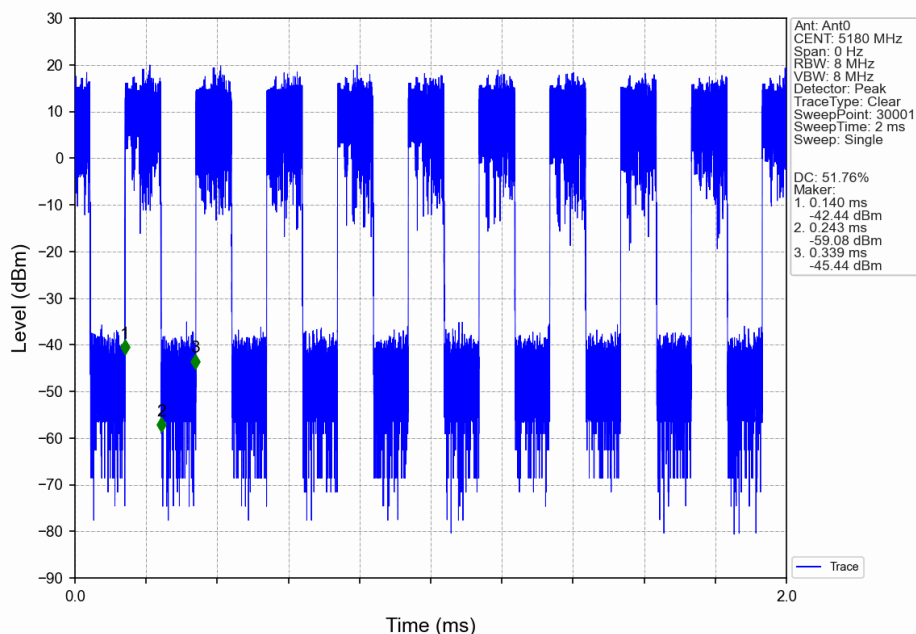
### 802.11n(HT40)\_LCH\_5755MHz\_Ant0\_NTNV



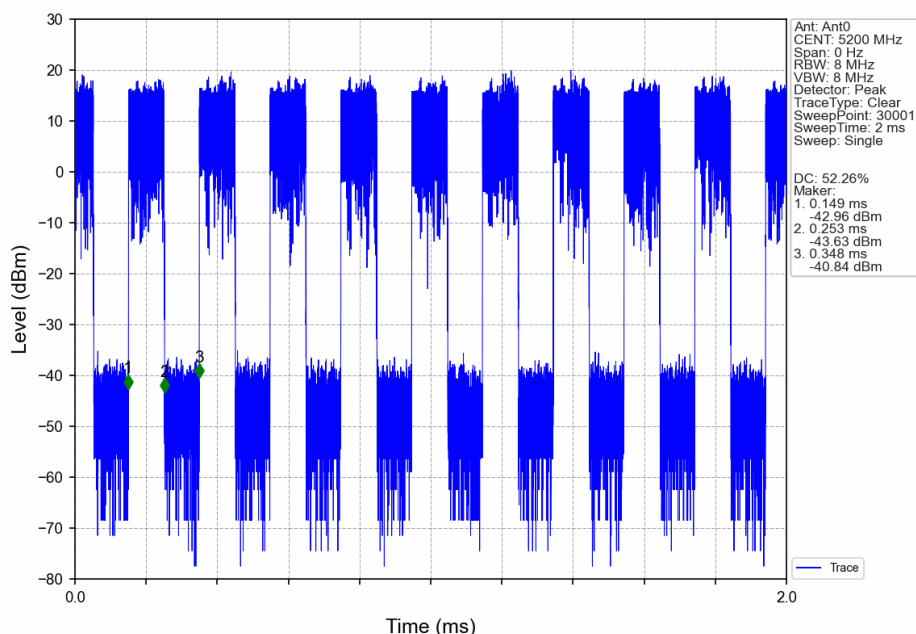
### 802.11n(HT40)\_HCH\_5795MHz\_Ant0\_NTNV



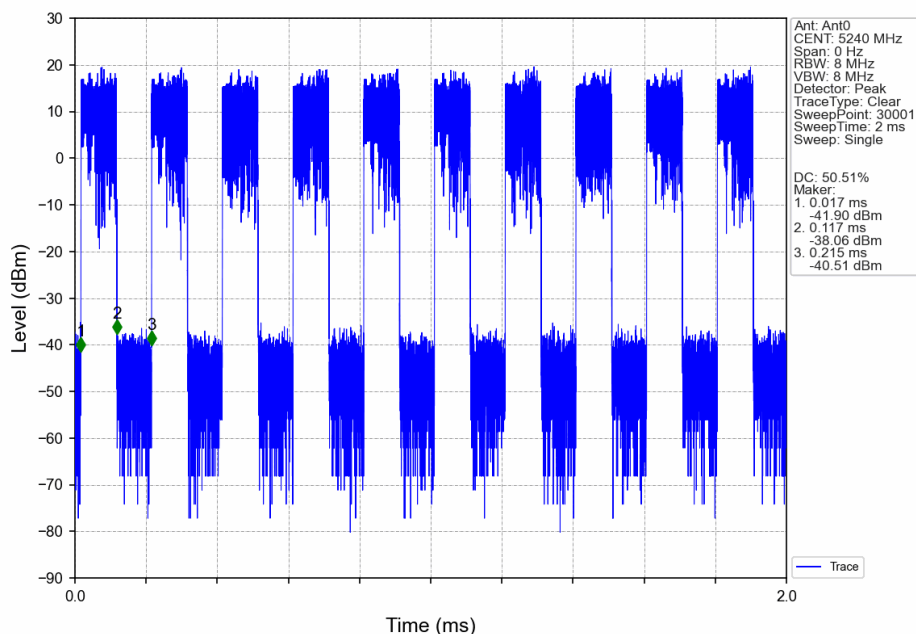
802.11ac(VHT20)\_LCH\_5180MHz\_Ant0\_NTNV



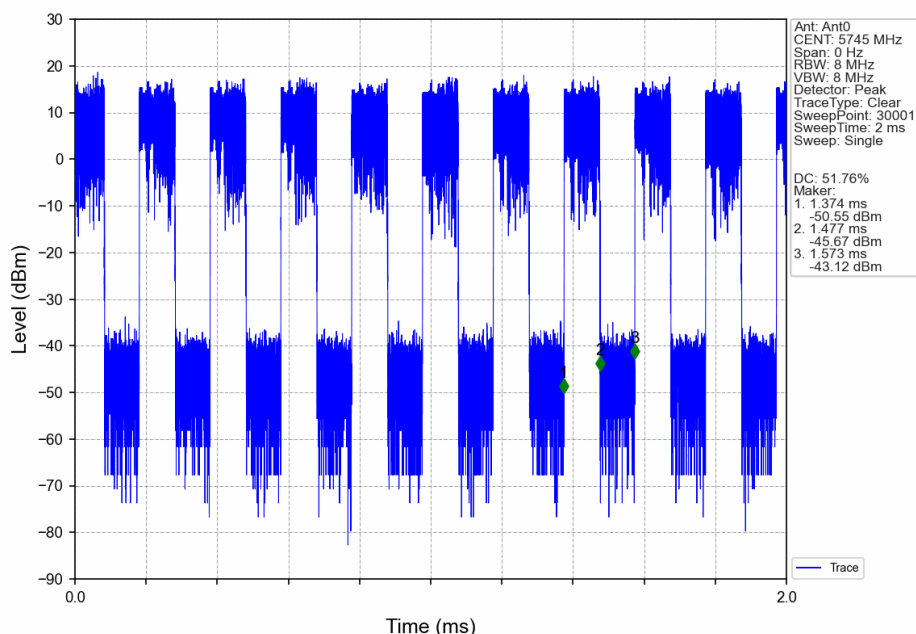
802.11ac(VHT20)\_MCH\_5200MHz\_Ant0\_NTNV



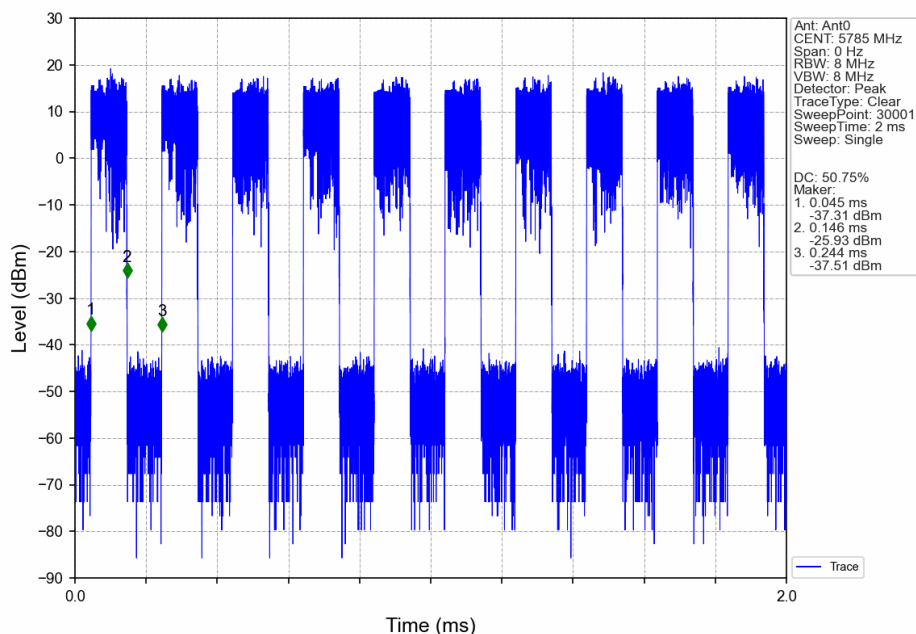
### 802.11ac(VHT20)\_HCH\_5240MHz\_Ant0\_NTNV



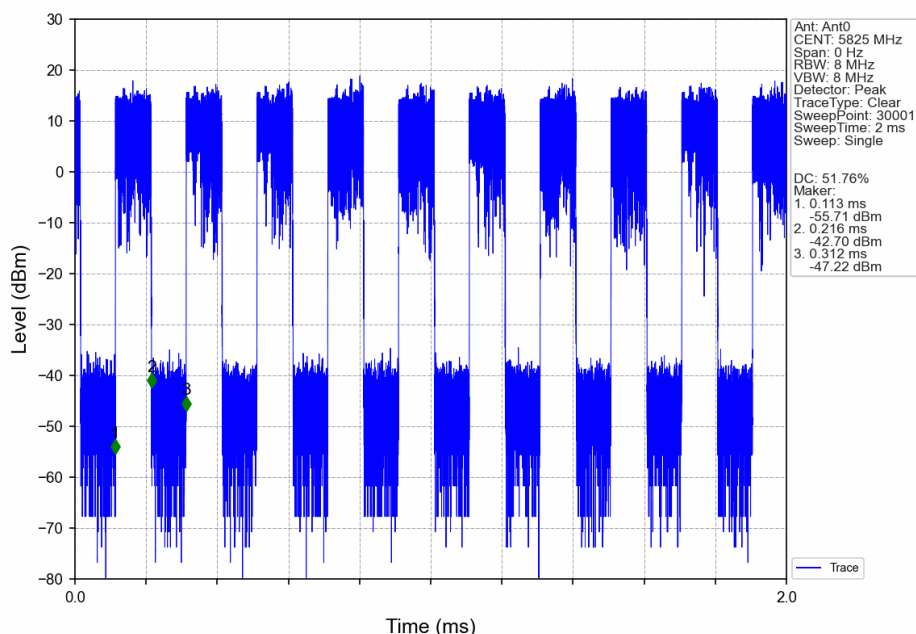
### 802.11ac(VHT20)\_LCH\_5745MHz\_Ant0\_NTNV



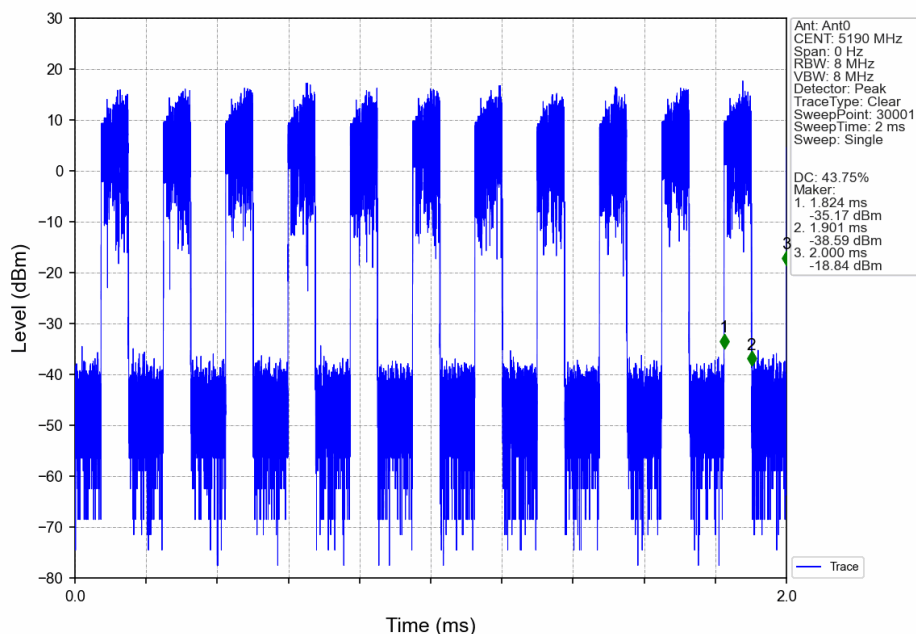
802.11ac(VHT20)\_MCH\_5785MHz\_Ant0\_NTNV



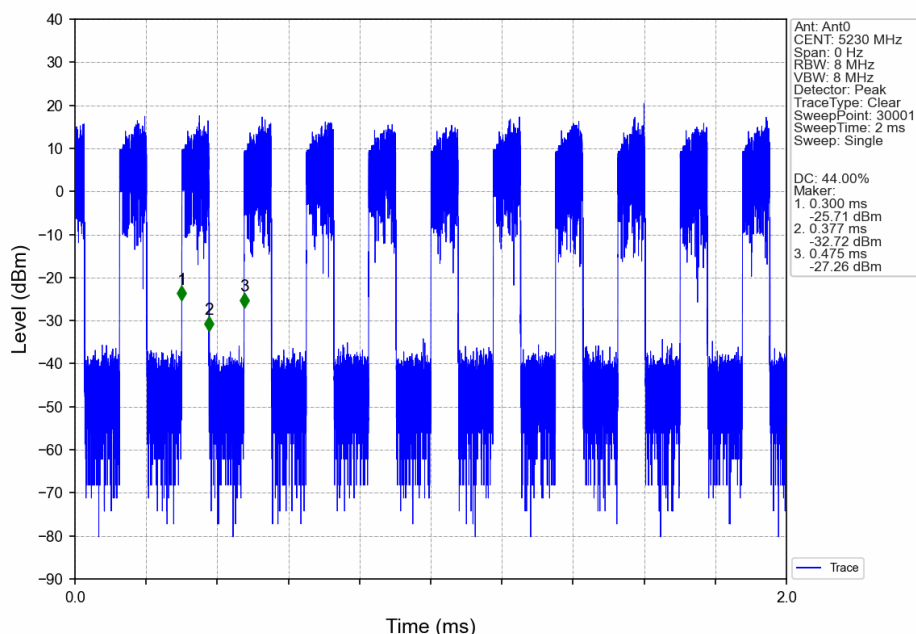
802.11ac(VHT20)\_HCH\_5825MHz\_Ant0\_NTNV



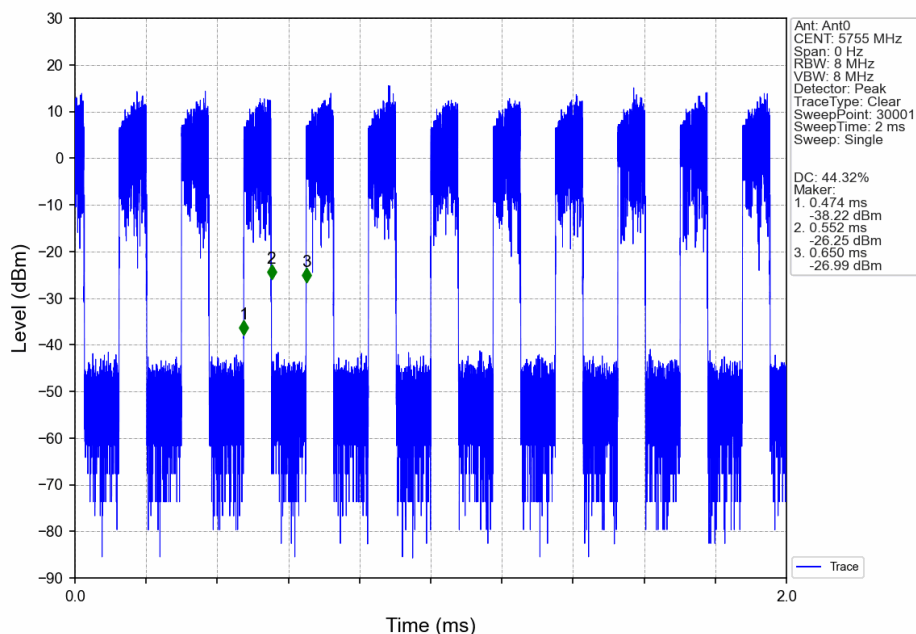
802.11ac(VHT40)\_LCH\_5190MHz\_Ant0\_NTNV



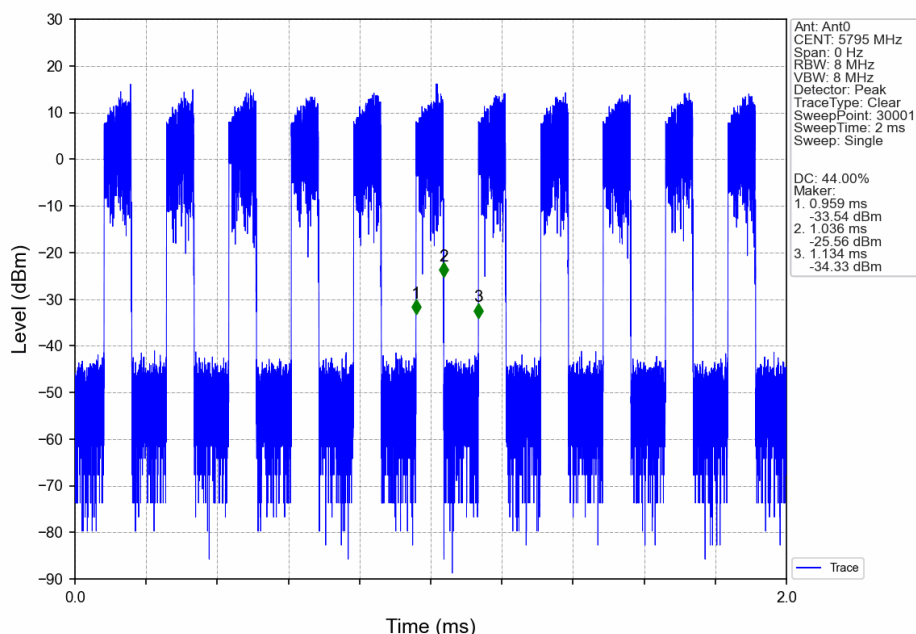
802.11ac(VHT40)\_HCH\_5230MHz\_Ant0\_NTNV



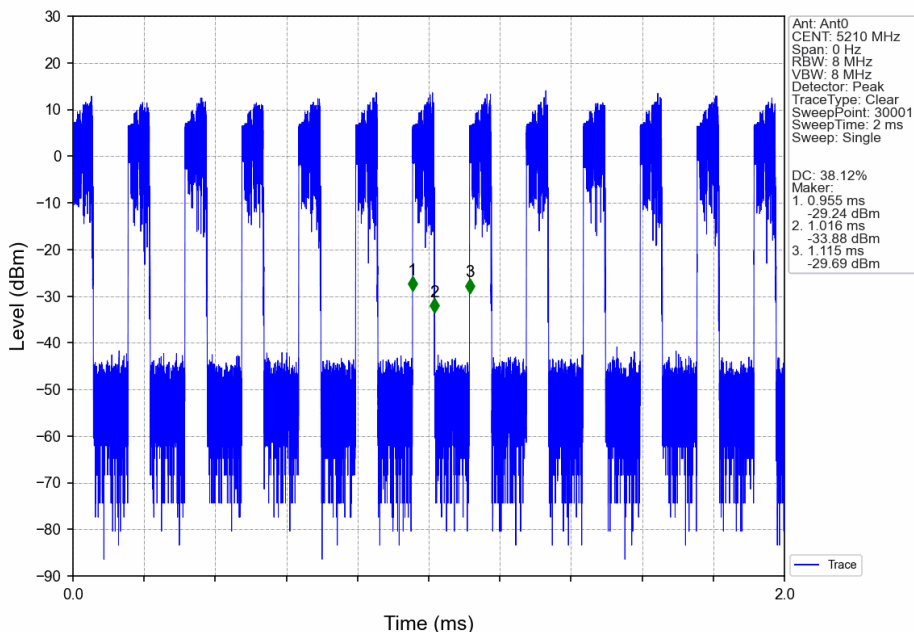
### 802.11ac(VHT40)\_LCH\_5755MHz\_Ant0\_NTNV



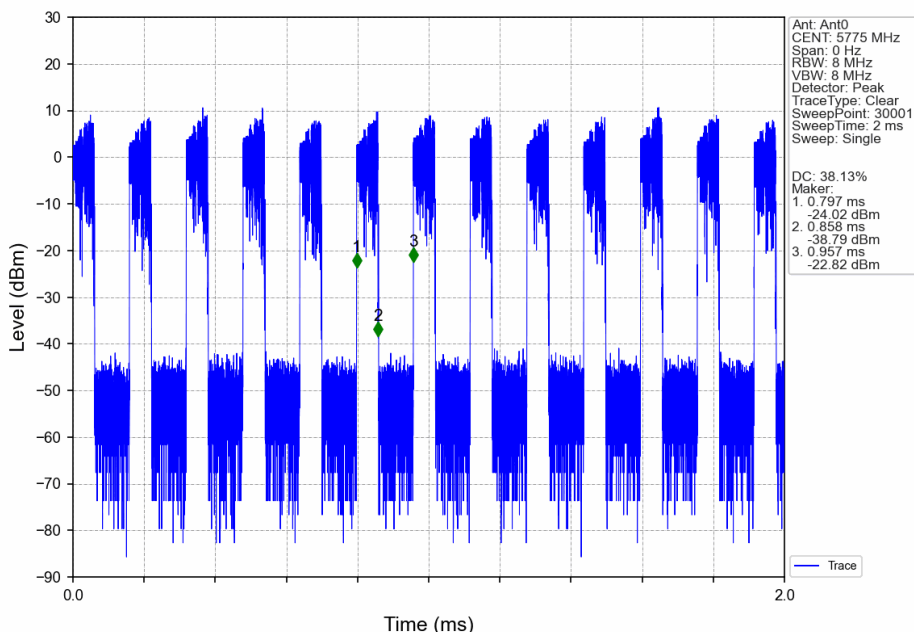
### 802.11ac(VHT40)\_HCH\_5795MHz\_Ant0\_NTNV



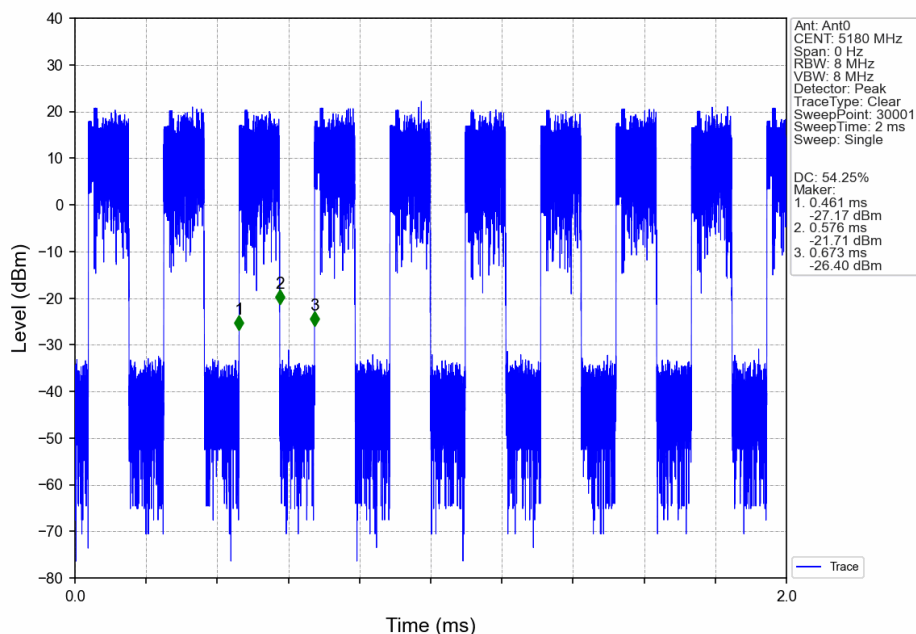
802.11ac(VHT80)\_MCH\_5210MHz\_Ant0\_NTNV



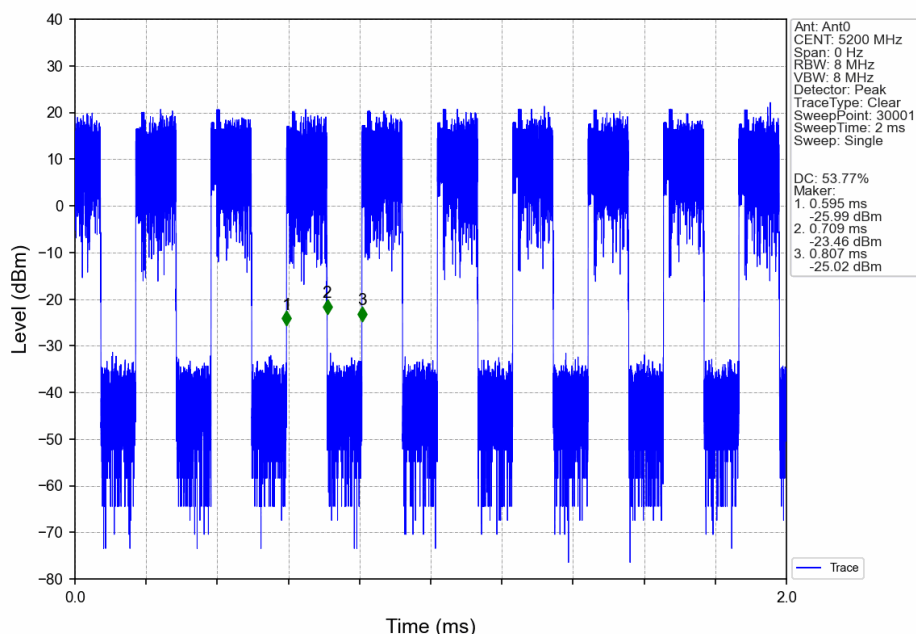
802.11ac(VHT80)\_MCH\_5775MHz\_Ant0\_NTNV



### 802.11ax(HEW20)\_LCH\_5180MHz\_RU242\_Left\_Ant0\_NTNV



### 802.11ax(HEW20)\_MCH\_5200MHz\_RU242\_Left\_Ant0\_NTNV



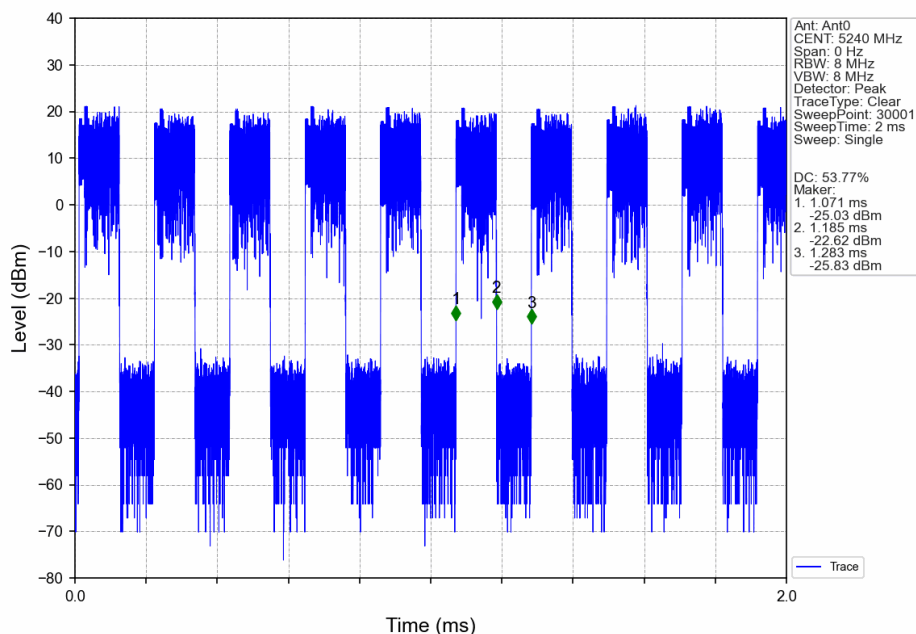
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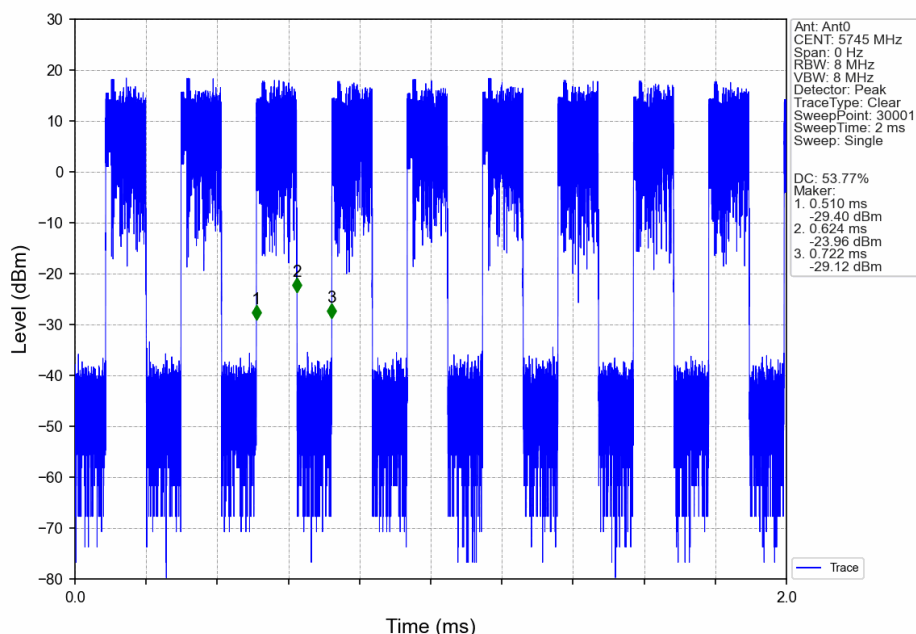
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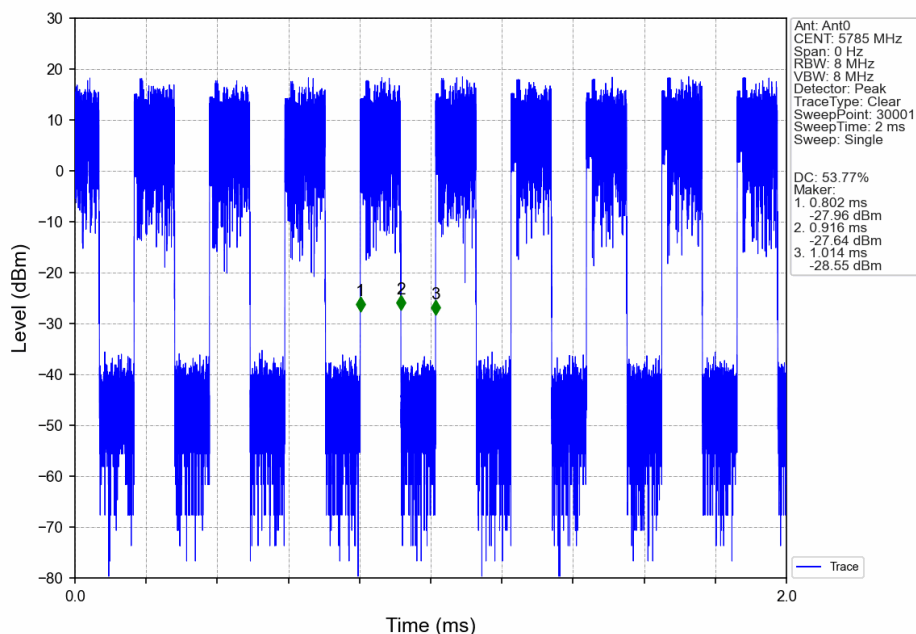
### 802.11ax(HEW20)\_HCH\_5240MHz\_RU242\_Left\_Ant0\_NTNV



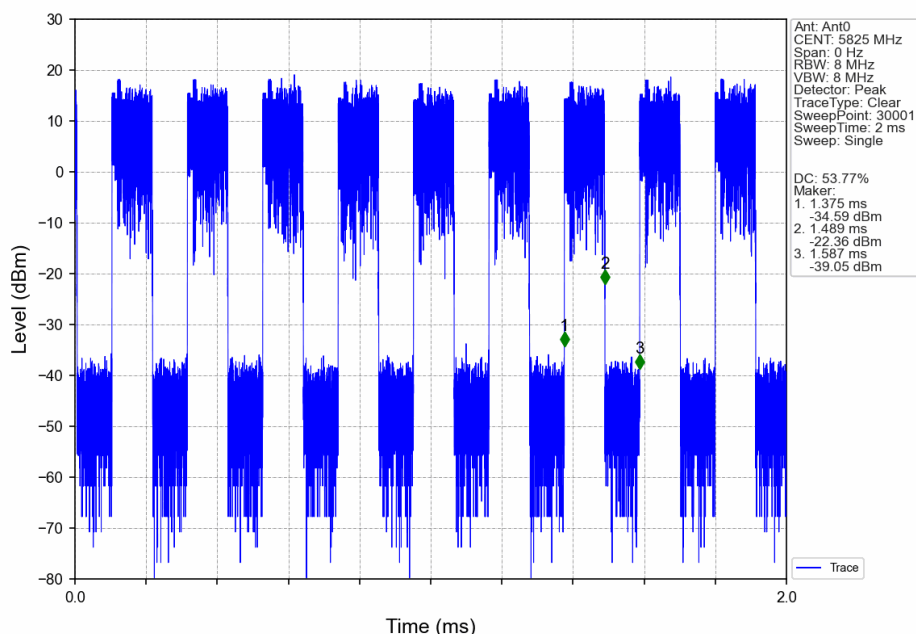
### 802.11ax(HEW20)\_LCH\_5745MHz\_RU242\_Left\_Ant0\_NTNV



802.11ax(HEW20)\_MCH\_5785MHz\_RU242\_Left\_Ant0\_NTNV



802.11ax(HEW20)\_HCH\_5825MHz\_RU242\_Left\_Ant0\_NTNV



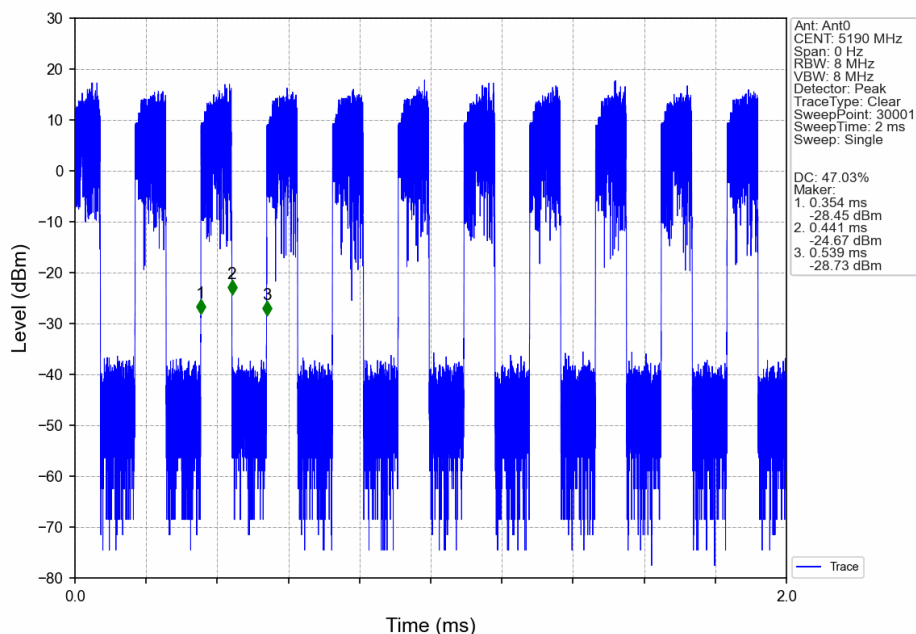
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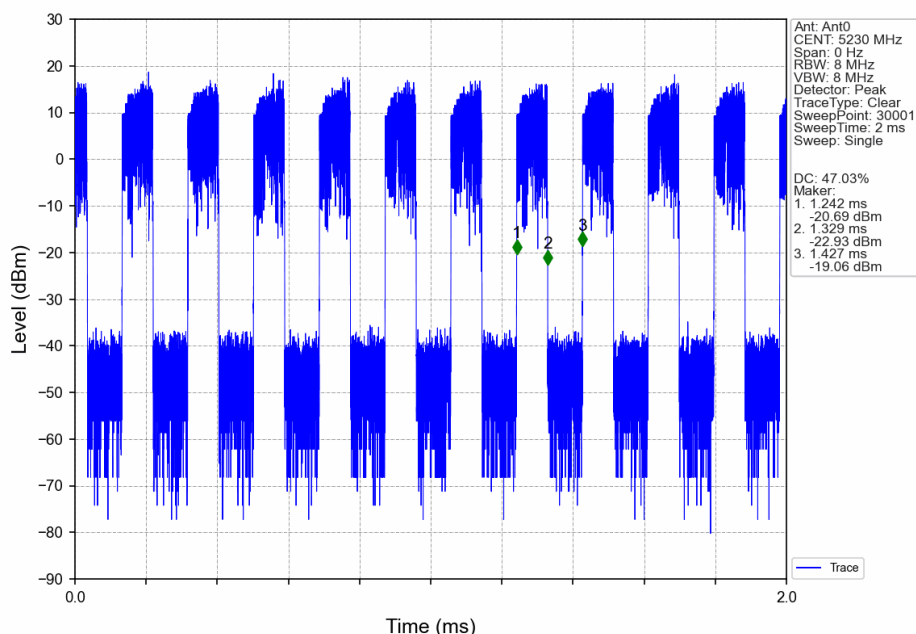
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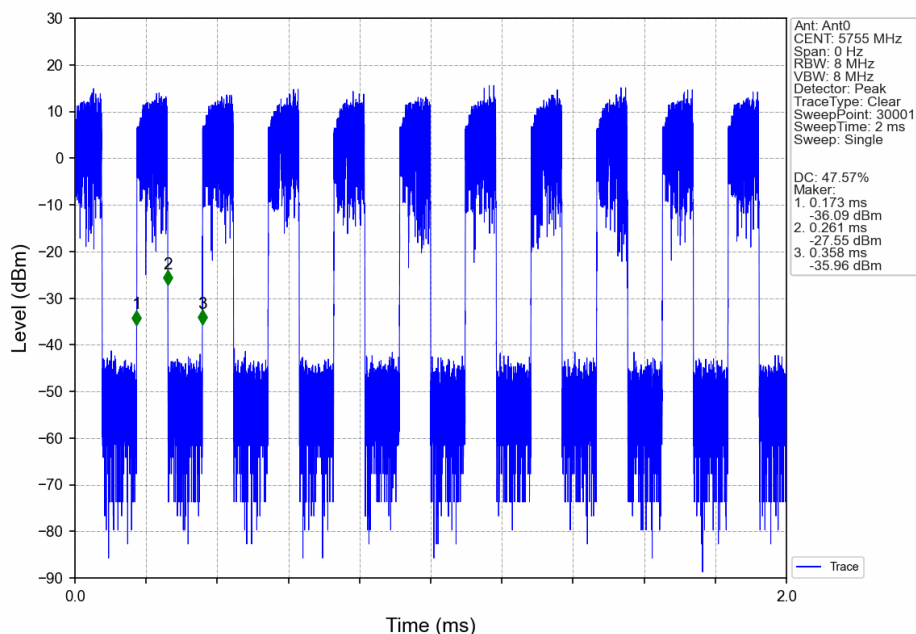
802.11ax(HEW40)\_LCH\_5190MHz\_RU484\_Left\_Ant0\_NTNV



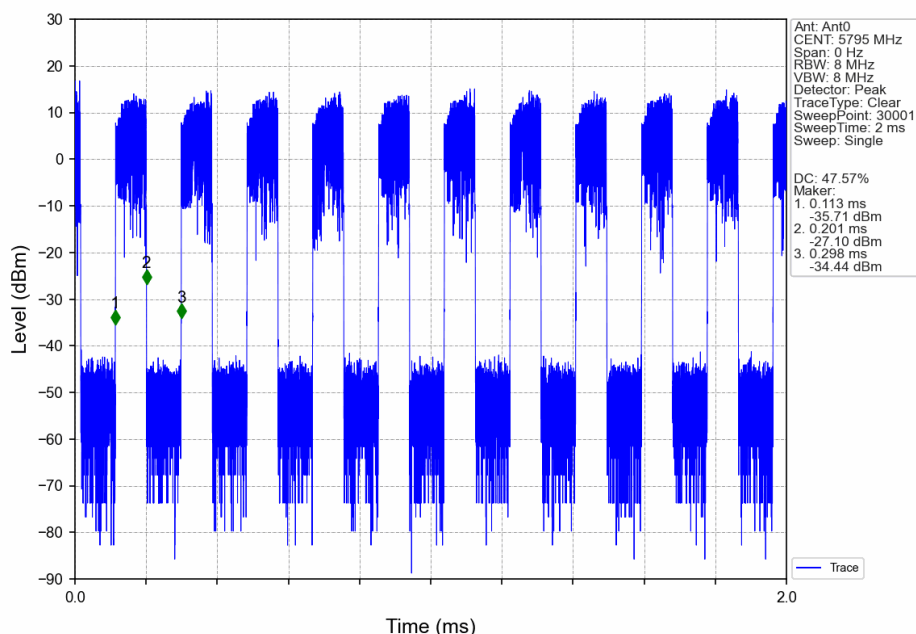
802.11ax(HEW40)\_HCH\_5230MHz\_RU484\_Left\_Ant0\_NTNV



### 802.11ax(HEW40)\_LCH\_5755MHz\_RU484\_Left\_Ant0\_NTNV



### 802.11ax(HEW40)\_HCH\_5795MHz\_RU484\_Left\_Ant0\_NTNV



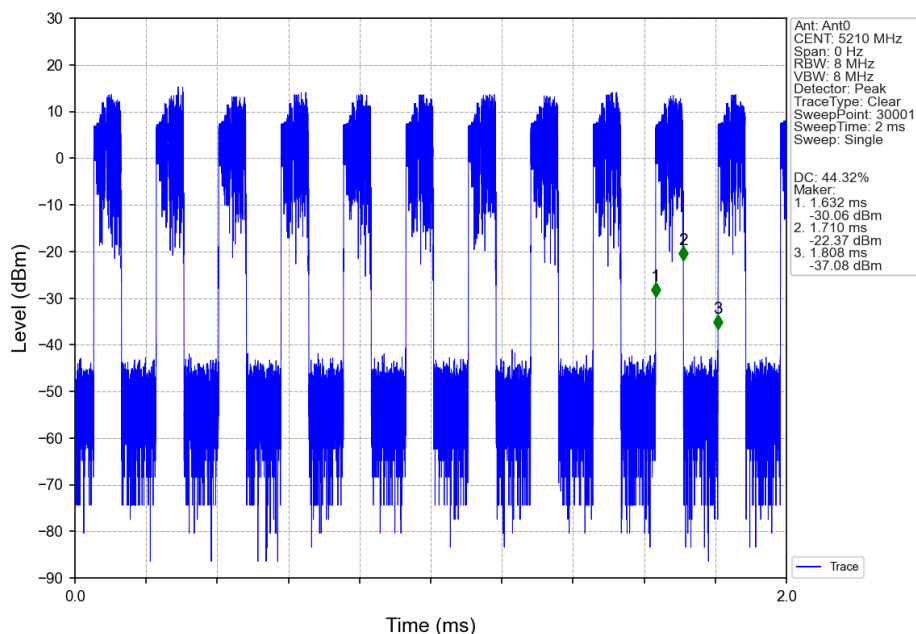
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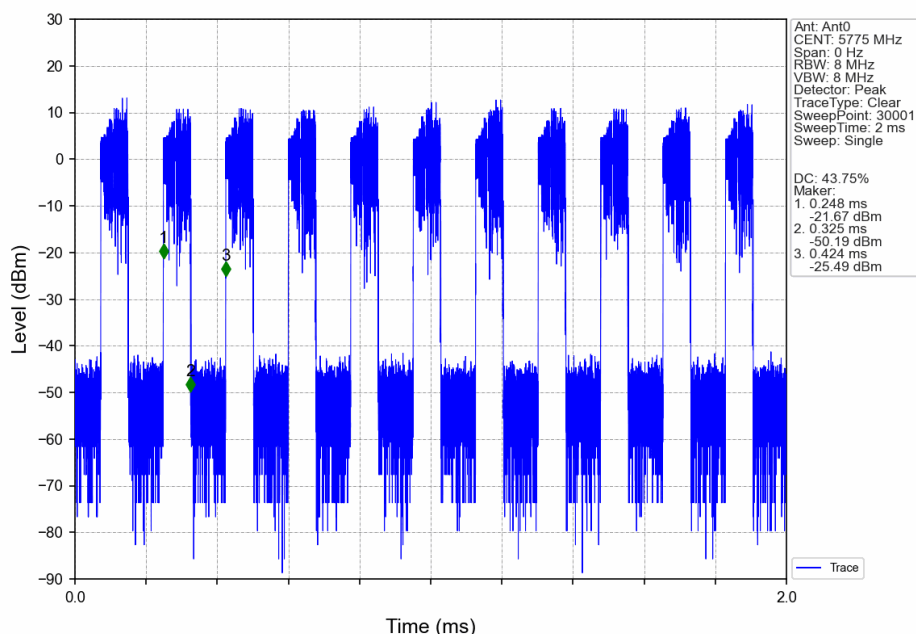
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### 802.11ax(HEW80)\_MCH\_5210MHz\_RU996\_Left\_Ant0\_NTNV



### 802.11ax(HEW80)\_MCH\_5775MHz\_RU996\_Left\_Ant0\_NTNV



## 2. Bandwidth

### 2.1 Test Result

#### 2.1.1 OBW

Mode	TX Type	Frequency (MHz)	RU	RU Pos	ANT	99% Occupied Bandwidth (MHz)		Verdict
						Result	Limit	
802.11a	SISO	5180	/	/	0	17.746	/	Pass
		5200	/	/	0	17.802	/	Pass
		5240	/	/	0	17.771	/	Pass
		5745	/	/	0	17.865	/	Pass
		5785	/	/	0	17.722	/	Pass
		5825	/	/	0	18.281	/	Pass
802.11n (HT20)	MIMO	5180	/	/	0	18.612	/	Pass
		5200	/	/	0	18.504	/	Pass
		5240	/	/	0	18.574	/	Pass
		5745	/	/	0	18.585	/	Pass
		5785	/	/	0	18.576	/	Pass
		5825	/	/	0	18.603	/	Pass
802.11n (HT40)	MIMO	5190	/	/	0	36.947	/	Pass
		5230	/	/	0	37.184	/	Pass
		5755	/	/	0	37.001	/	Pass
		5795	/	/	0	37.023	/	Pass
802.11ac (VHT20)	MIMO	5180	/	/	0	18.603	/	Pass
		5200	/	/	0	18.627	/	Pass
		5240	/	/	0	18.683	/	Pass
		5745	/	/	0	18.682	/	Pass
		5785	/	/	0	18.609	/	Pass
		5825	/	/	0	18.682	/	Pass
802.11ac (VHT40)	MIMO	5190	/	/	0	36.974	/	Pass
		5230	/	/	0	37.054	/	Pass
		5755	/	/	0	37.295	/	Pass
		5795	/	/	0	37.298	/	Pass
802.11ac (VHT80)	MIMO	5210	/	/	0	76.869	/	Pass
		5775	/	/	0	77.080	/	Pass
802.11ax (HEW20)	MIMO	5180	RU242	Left	0	19.382	/	Pass
		5200	RU242	Left	0	19.377	/	Pass
		5240	RU242	Left	0	19.390	/	Pass



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		5745	RU242	Left	0	19.473	/	Pass
		5785	RU242	Left	0	19.424	/	Pass
		5825	RU242	Left	0	19.435	/	Pass
802.11ax (HEW40)	MIMO	5190	RU484	Left	0	38.071	/	Pass
		5230	RU484	Left	0	38.015	/	Pass
		5755	RU484	Left	0	38.168	/	Pass
		5795	RU484	Left	0	38.109	/	Pass
802.11ax (HEW80)	MIMO	5210	RU996	Left	0	77.938	/	Pass
		5775	RU996	Left	0	78.118	/	Pass

## 2.1.2 6dB BW

Mode	TX Type	Frequency (MHz)	RU	RU Pos	ANT	6dB Bandwidth (MHz)		Verdict
						Result	Limit	
802.11a	SISO	5745	/	/	0	15.219	>=0.5	Pass
		5785	/	/	0	15.230	>=0.5	Pass
		5825	/	/	0	15.226	>=0.5	Pass
802.11n (HT20)	MIMO	5745	/	/	0	15.233	>=0.5	Pass
		5785	/	/	0	15.230	>=0.5	Pass
		5825	/	/	0	15.227	>=0.5	Pass
802.11n (HT40)	MIMO	5755	/	/	0	36.395	>=0.5	Pass
		5795	/	/	0	36.122	>=0.5	Pass
802.11ac (VHT20)	MIMO	5745	/	/	0	17.761	>=0.5	Pass
		5785	/	/	0	17.753	>=0.5	Pass
		5825	/	/	0	17.716	>=0.5	Pass
802.11ac (VHT40)	MIMO	5755	/	/	0	36.459	>=0.5	Pass
		5795	/	/	0	36.471	>=0.5	Pass
802.11ac (VHT80)	MIMO	5775	/	/	0	76.422	>=0.5	Pass
802.11ax (HEW20)	MIMO	5745	RU242	Left	0	19.114	>=0.5	Pass
		5785	RU242	Left	0	19.089	>=0.5	Pass
		5825	RU242	Left	0	19.095	>=0.5	Pass
802.11ax (HEW40)	MIMO	5755	RU484	Left	0	37.704	>=0.5	Pass
		5795	RU484	Left	0	37.386	>=0.5	Pass
802.11ax (HEW80)	MIMO	5775	RU996	Left	0	77.625	>=0.5	Pass



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## 2.1.3 26dB BW

Mode	TX Type	Frequency (MHz)	RU	RU Pos	ANT	26dB Bandwidth (MHz)		Verdict
						Result	Limit	
802.11a	SISO	5180	/	/	0	20.749	/	Pass
		5200	/	/	0	21.076	/	Pass
		5240	/	/	0	20.902	/	Pass
802.11n (HT20)	MIMO	5180	/	/	0	21.621	/	Pass
		5200	/	/	0	20.987	/	Pass
		5240	/	/	0	20.877	/	Pass
802.11n (HT40)	MIMO	5190	/	/	0	40.650	/	Pass
		5230	/	/	0	41.397	/	Pass
802.11ac (VHT20)	MIMO	5180	/	/	0	21.602	/	Pass
		5200	/	/	0	22.646	/	Pass
		5240	/	/	0	23.893	/	Pass
802.11ac (VHT40)	MIMO	5190	/	/	0	39.711	/	Pass
		5230	/	/	0	42.607	/	Pass
802.11ac (VHT80)	MIMO	5210	/	/	0	82.318	/	Pass
802.11ax (HEW20)	MIMO	5180	RU242	Left	0	21.346	/	Pass
		5200	RU242	Left	0	21.599	/	Pass
		5240	RU242	Left	0	21.361	/	Pass
802.11ax (HEW40)	MIMO	5190	RU484	Left	0	40.227	/	Pass
		5230	RU484	Left	0	40.209	/	Pass
802.11ax (HEW80)	MIMO	5210	RU996	Left	0	82.129	/	Pass



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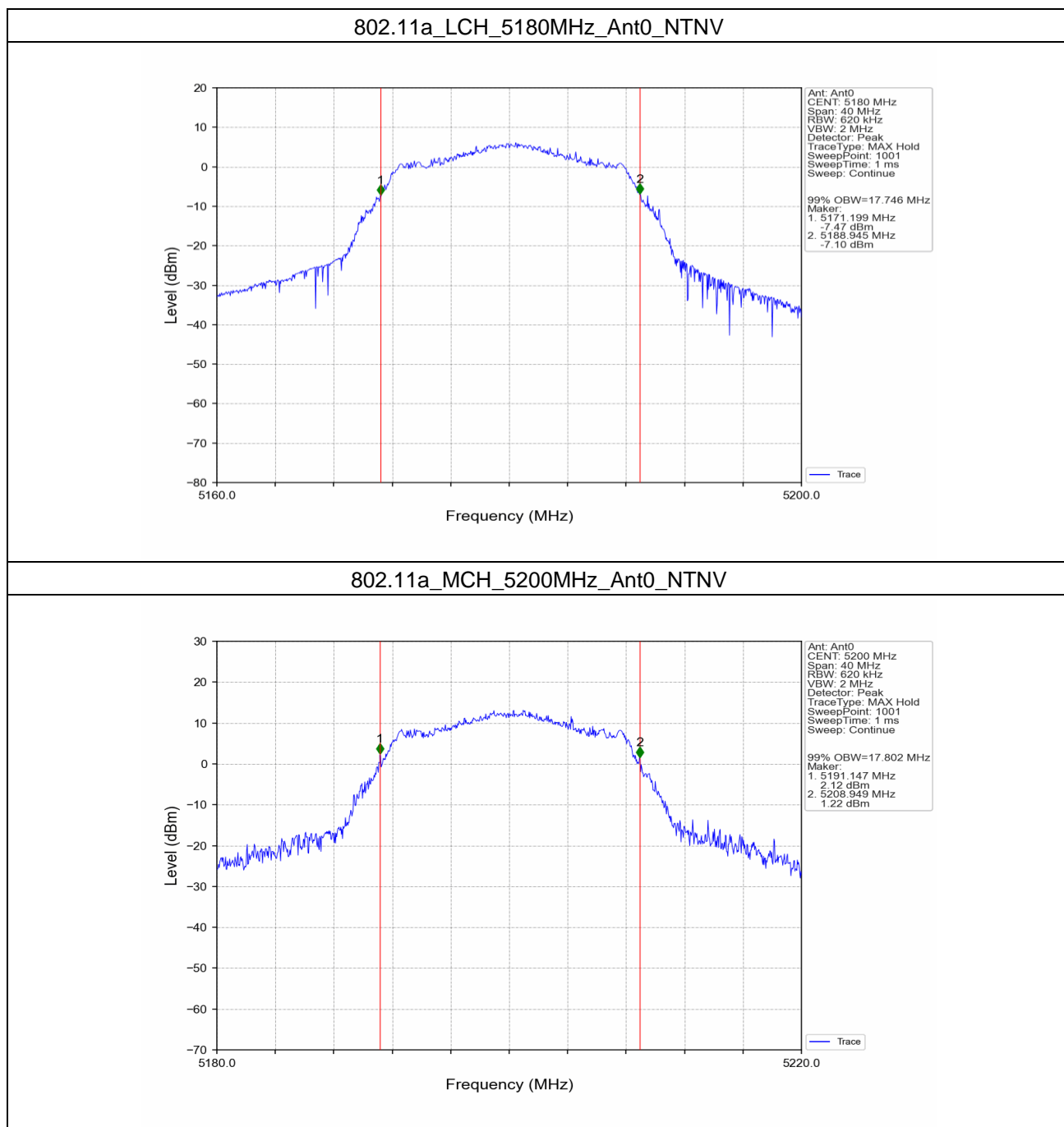
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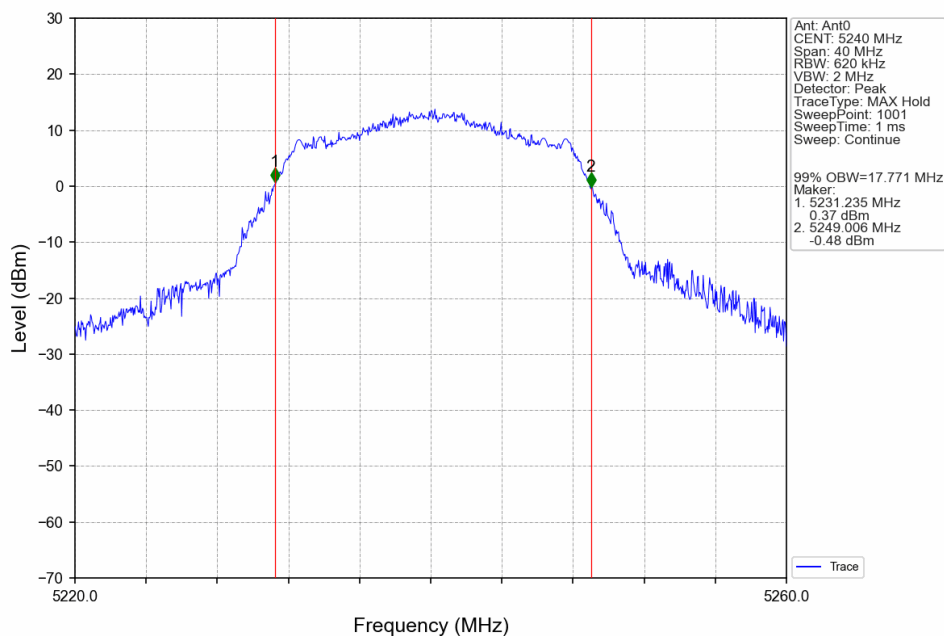
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## 2.2 Test Graph

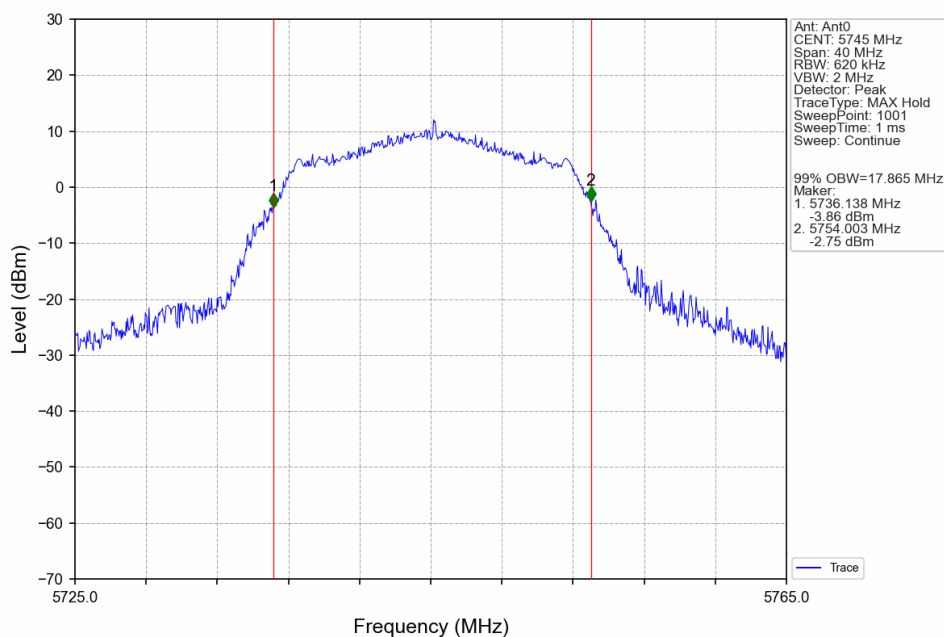
### 2.2.1 OBW



802.11a\_HCH\_5240MHz\_Ant0\_NTNV



802.11a\_LCH\_5745MHz\_Ant0\_NTNV



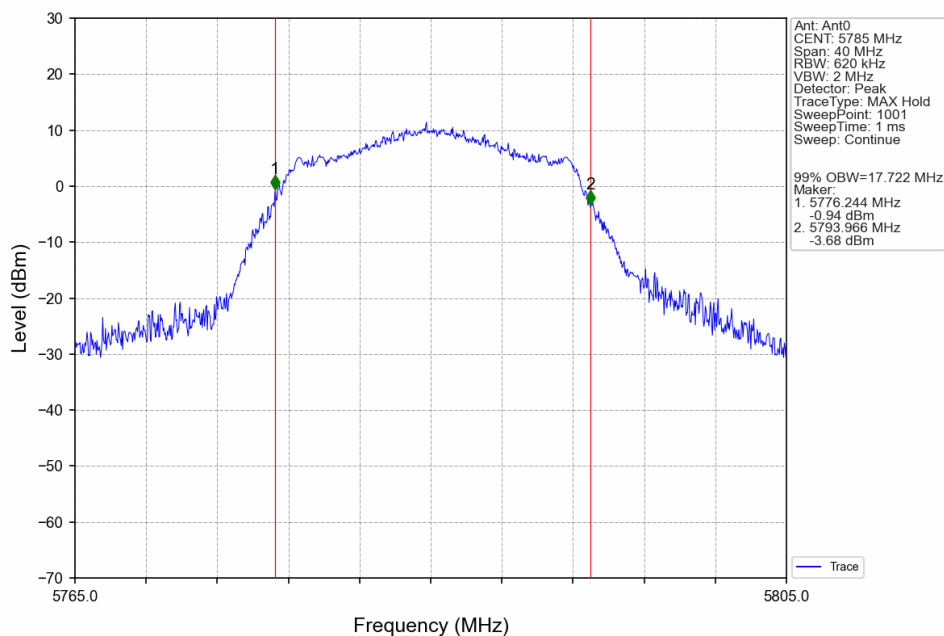
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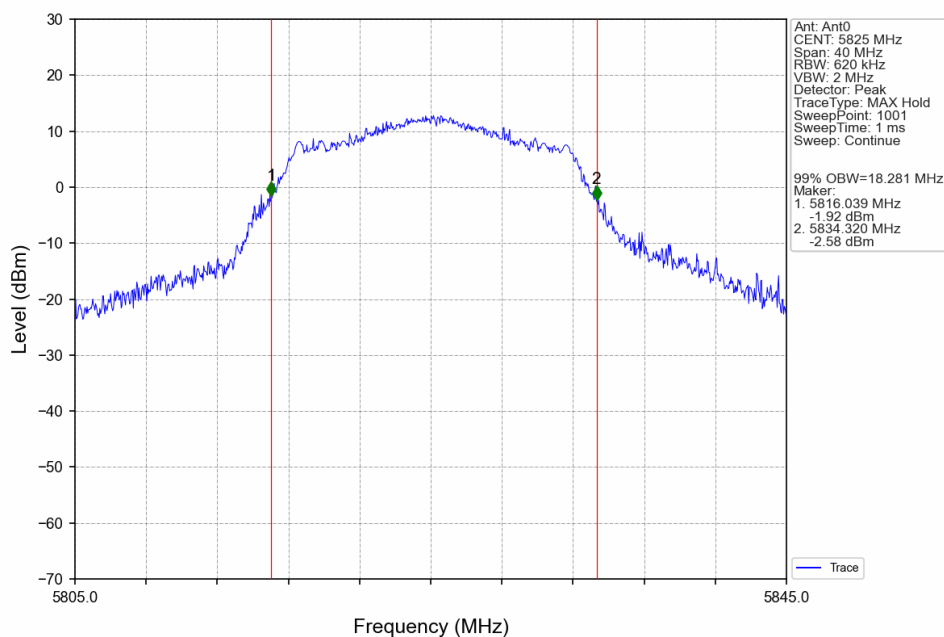
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802.11a\_MCH\_5785MHz\_Ant0\_NTNV



802.11a\_HCH\_5825MHz\_Ant0\_NTNV



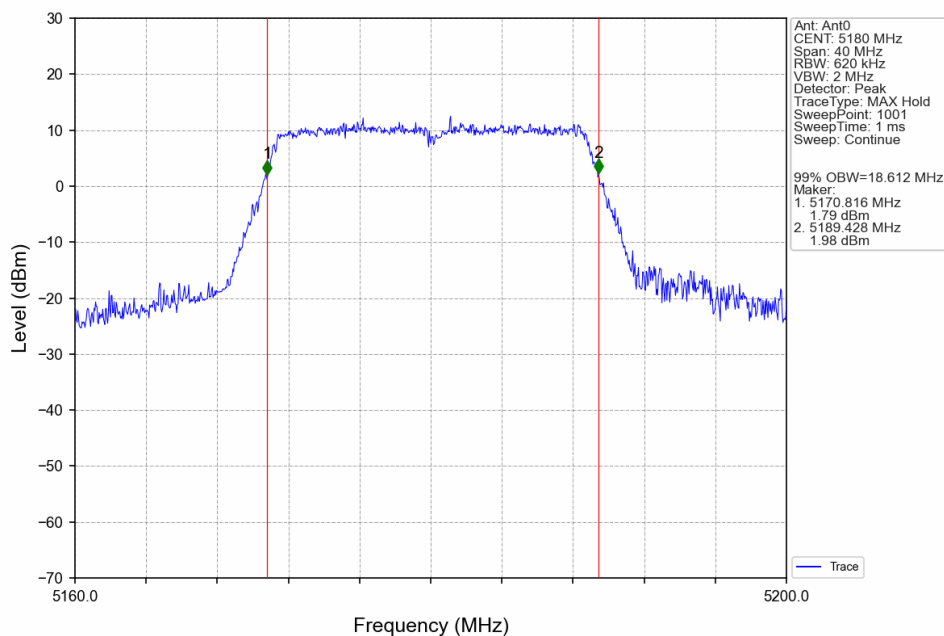
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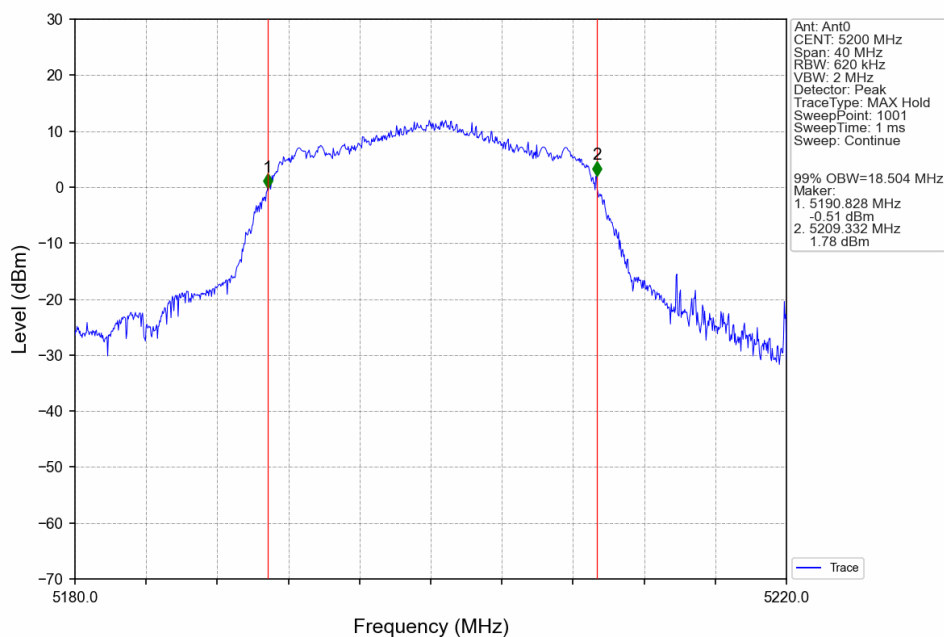
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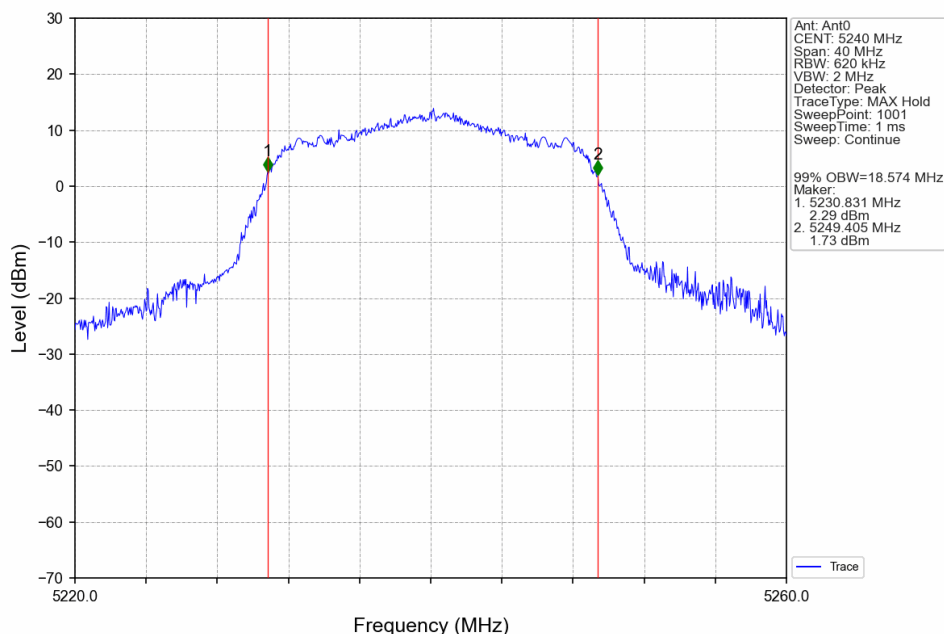
802.11n(HT20)\_LCH\_5180MHz\_Ant0\_NTNV



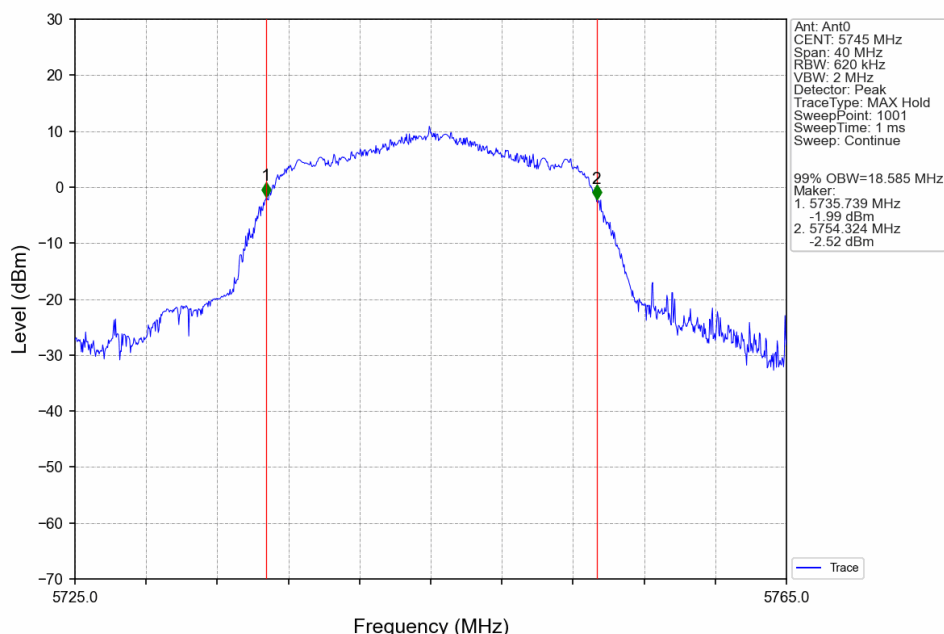
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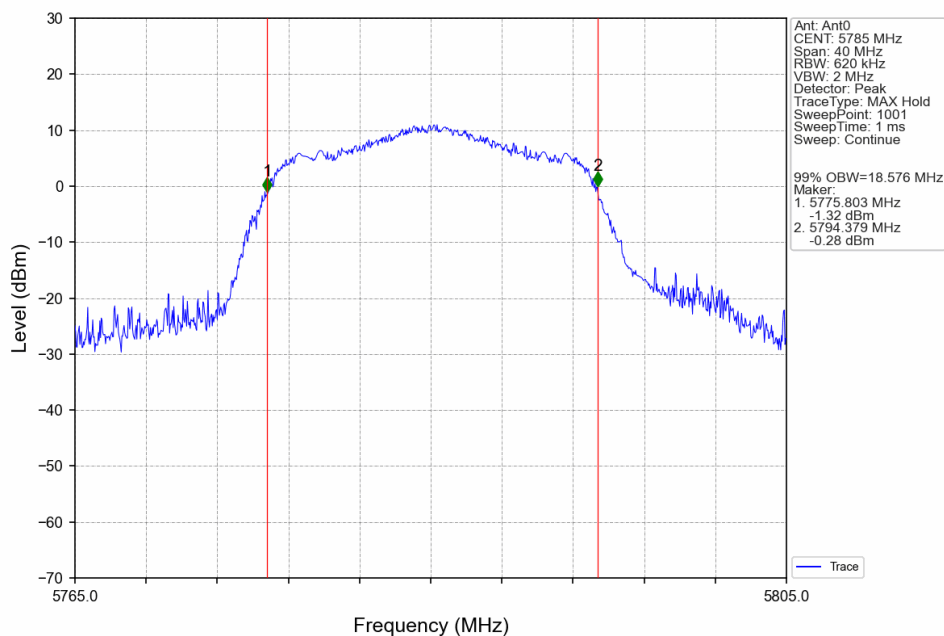
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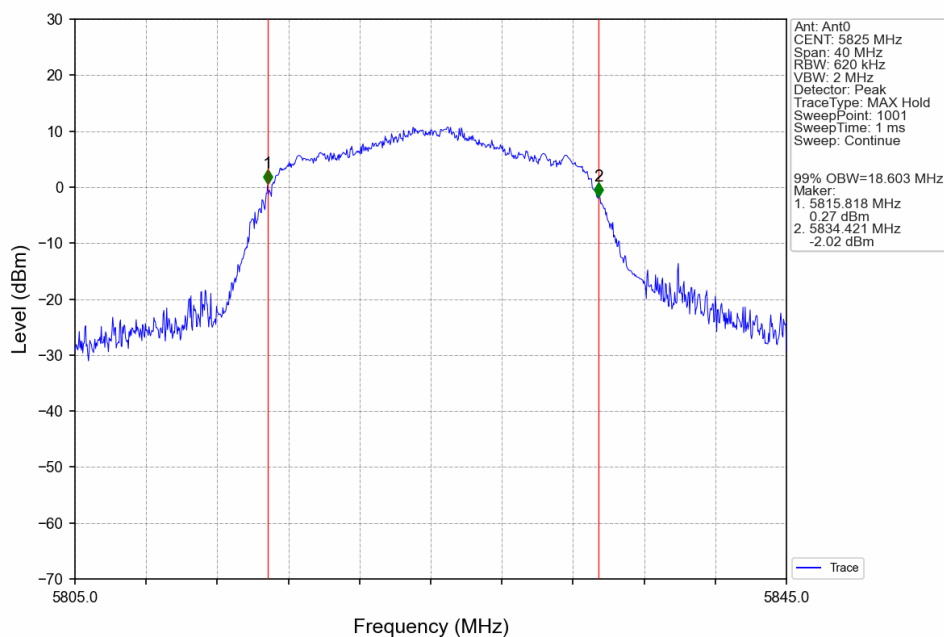
802.11n(HT20)\_LCH\_5745MHz\_Ant0\_NTNV



802.11n(HT20)\_MCH\_5785MHz\_Ant0\_NTNV



802.11n(HT20)\_HCH\_5825MHz\_Ant0\_NTNV



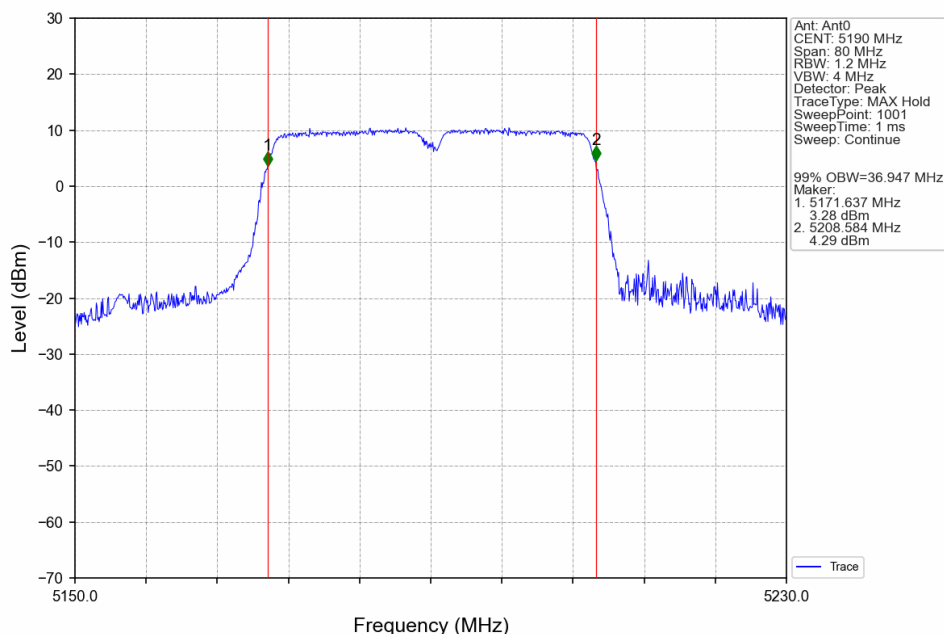
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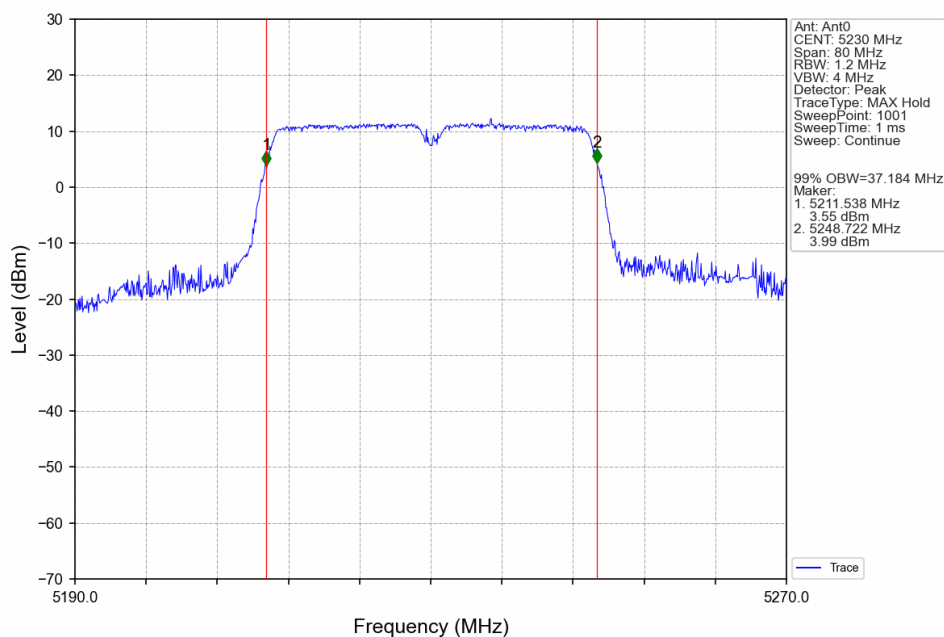
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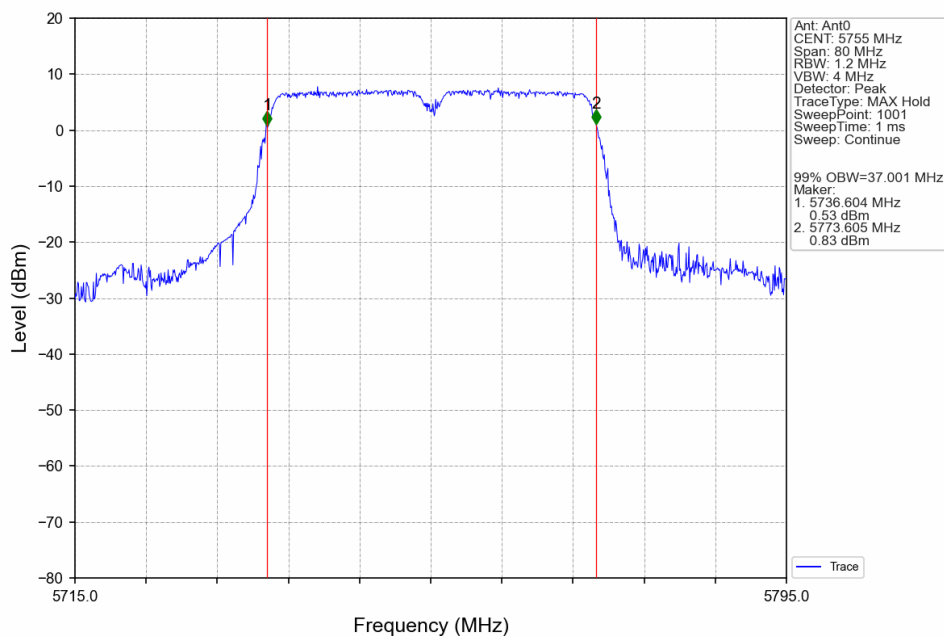
802.11n(HT40)\_LCH\_5190MHz\_Ant0\_NTNV



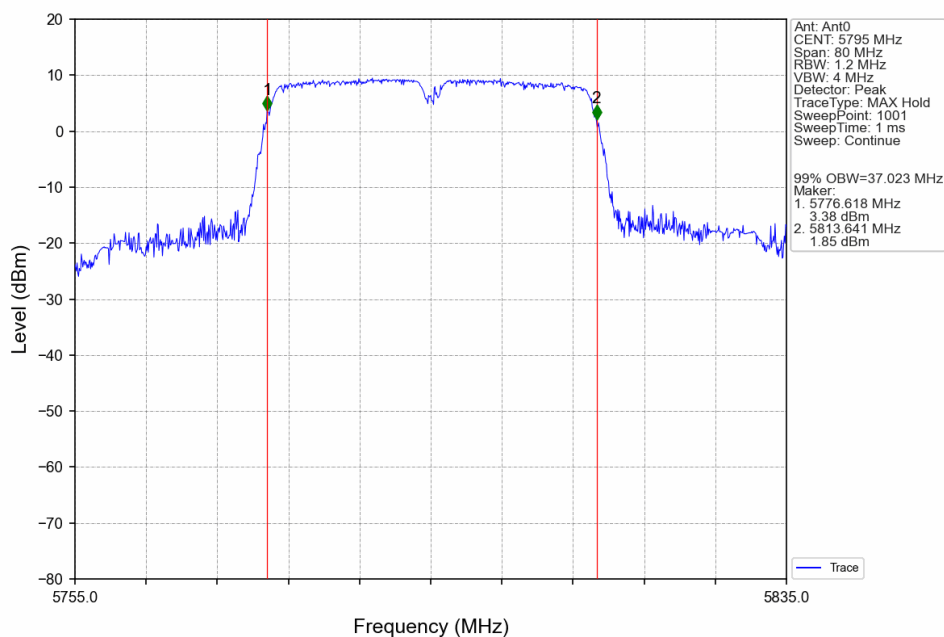
802.11n(HT40)\_HCH\_5230MHz\_Ant0\_NTNV



802.11n(HT40)\_LCH\_5755MHz\_Ant0\_NTNV



802.11n(HT40)\_HCH\_5795MHz\_Ant0\_NTNV



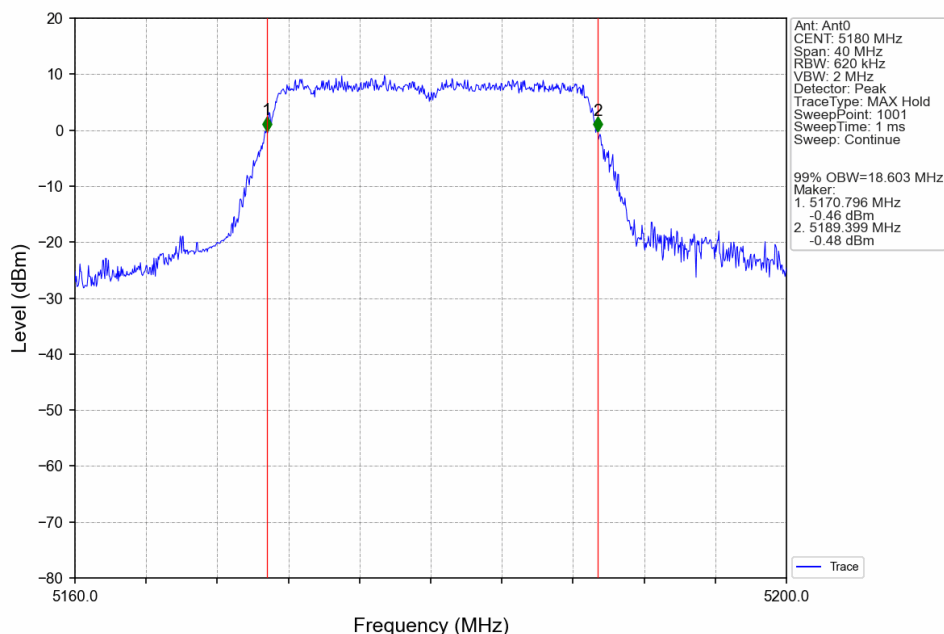
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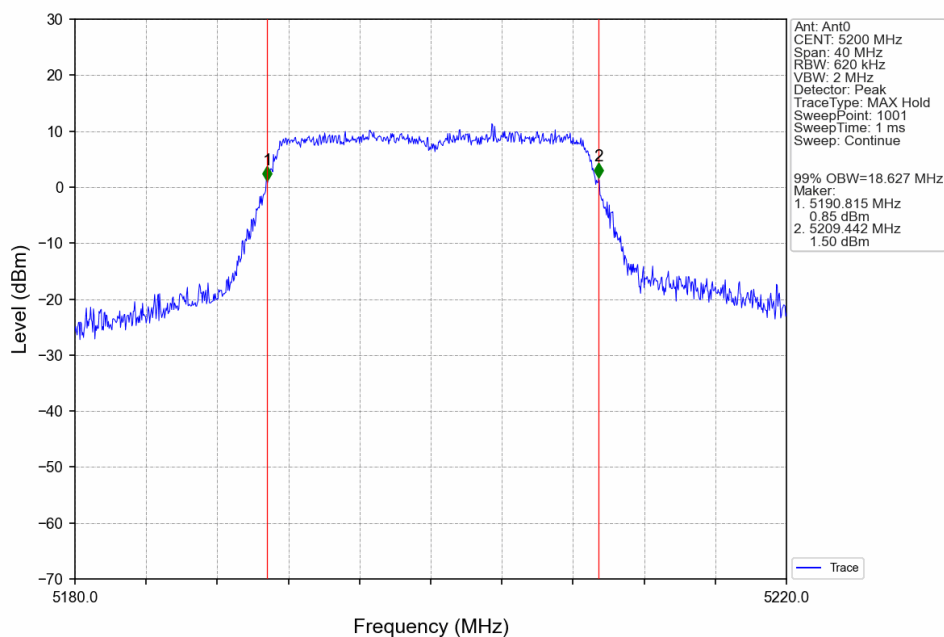
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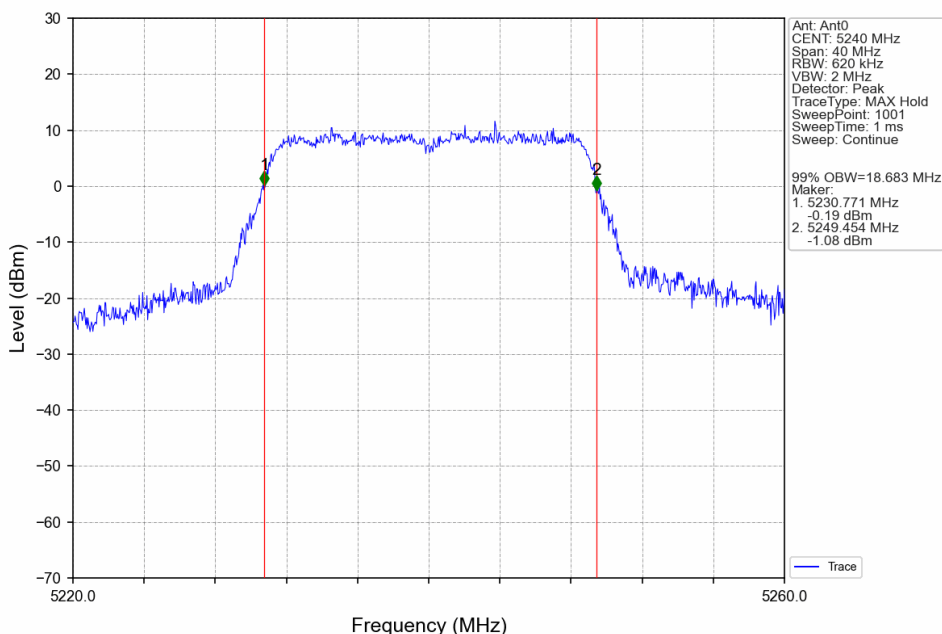
802.11ac(VHT20)\_LCH\_5180MHz\_Ant0\_NTNV



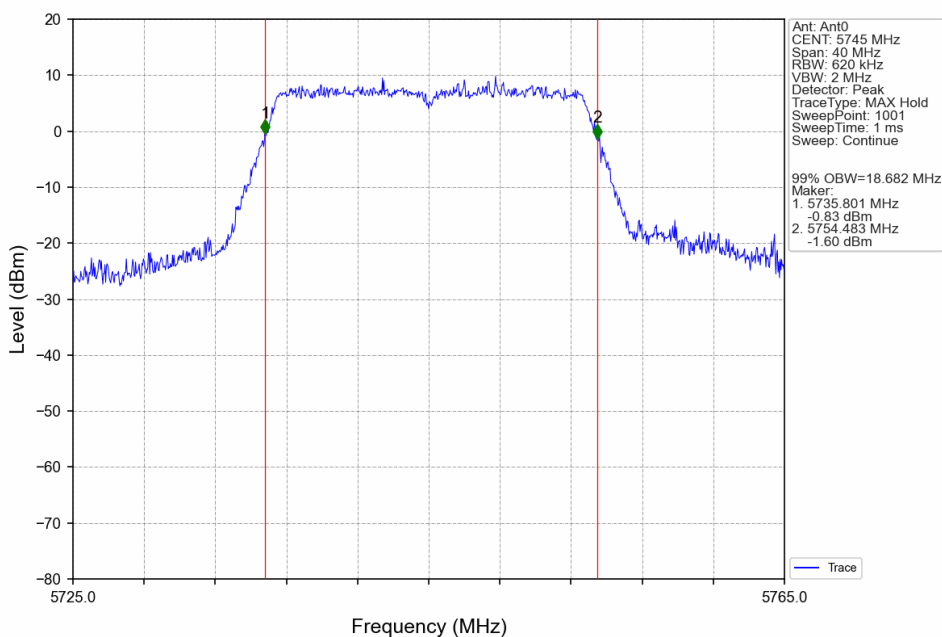
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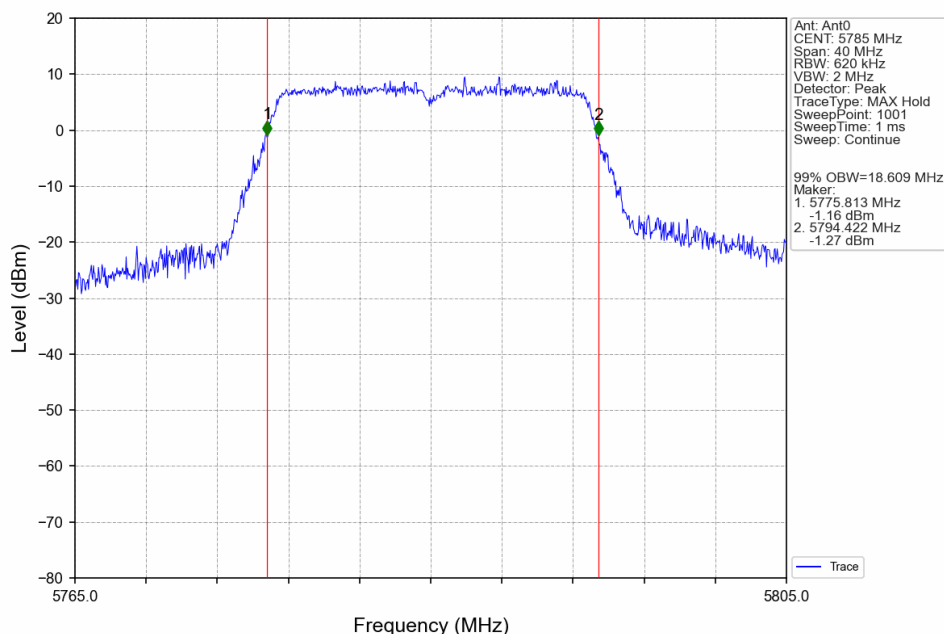
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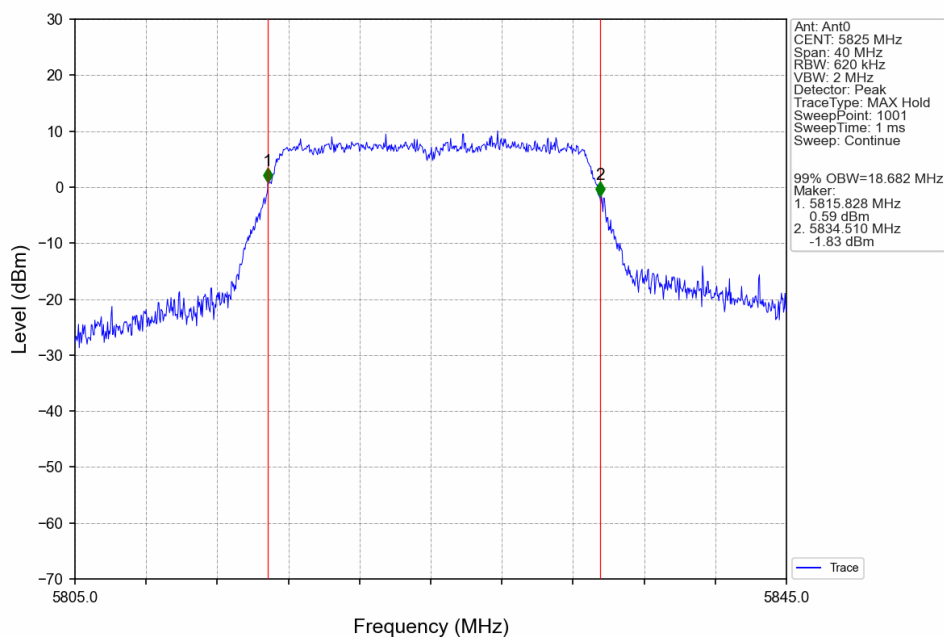
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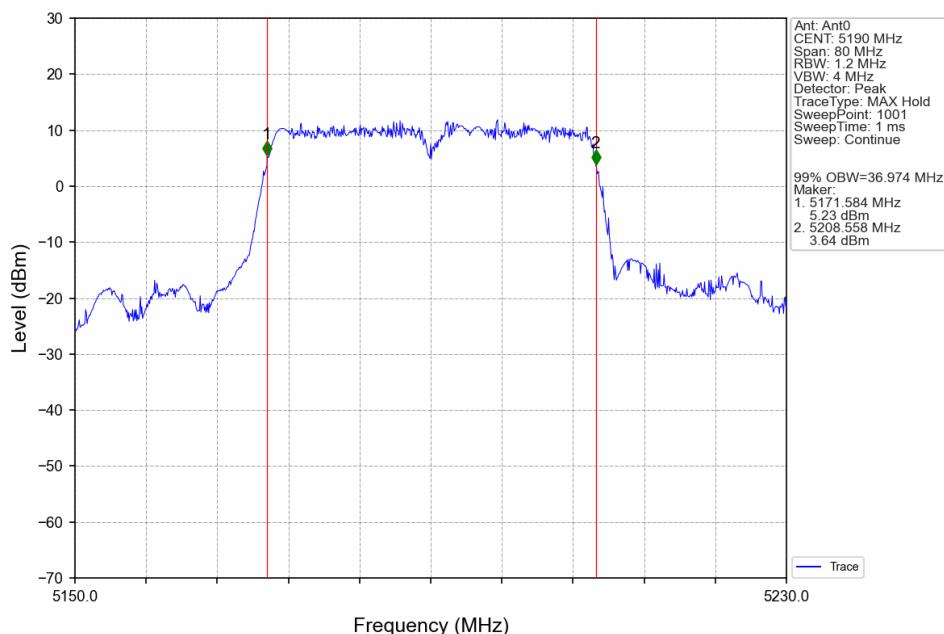
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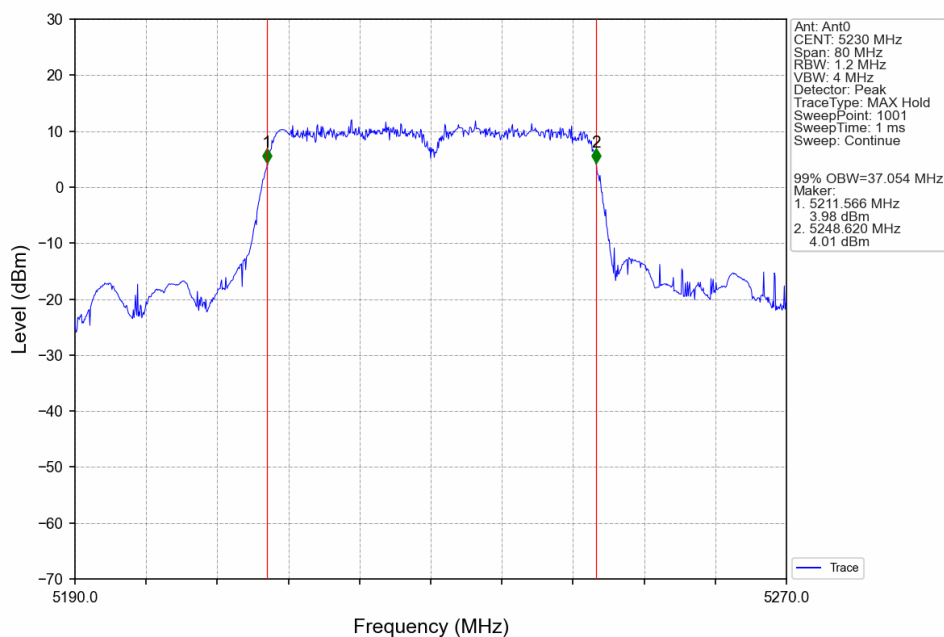
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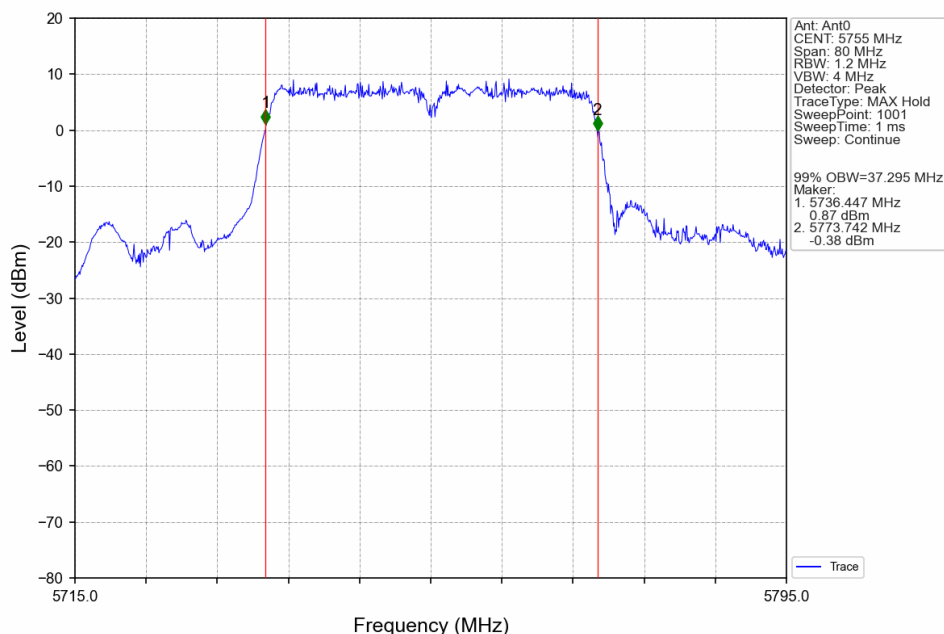
802.11ac(VHT40)\_LCH\_5190MHz\_Ant0\_NTNV



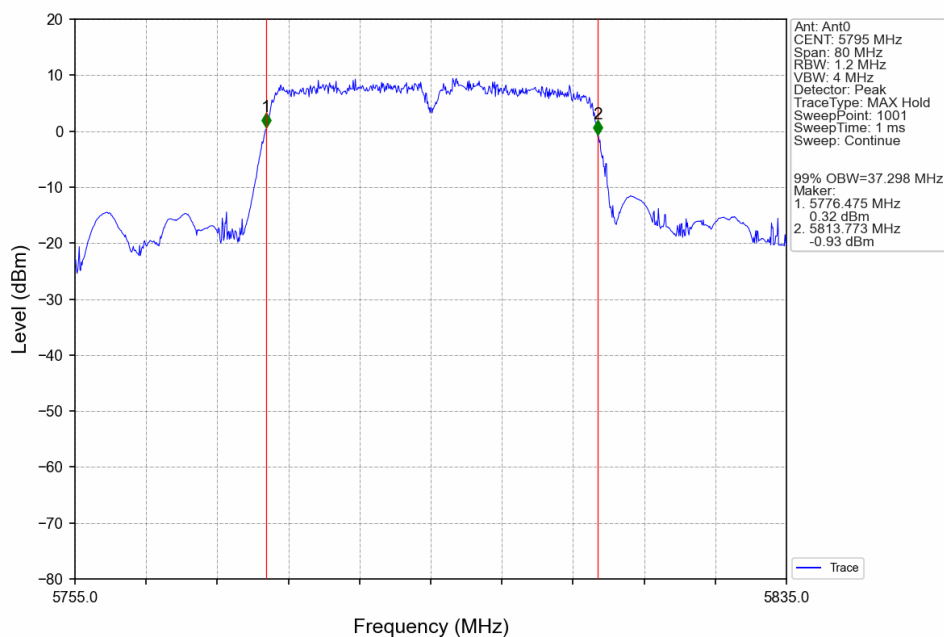
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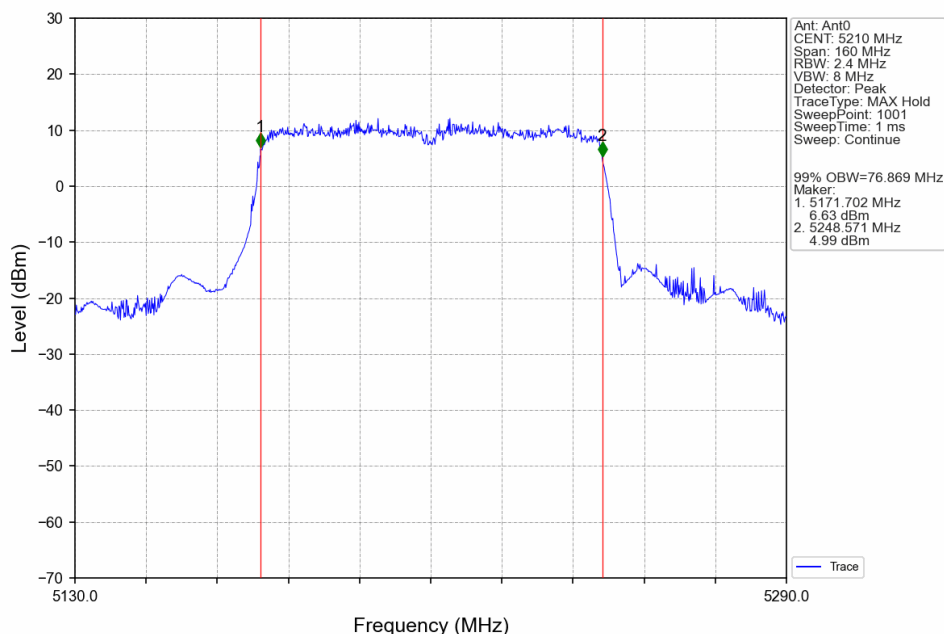
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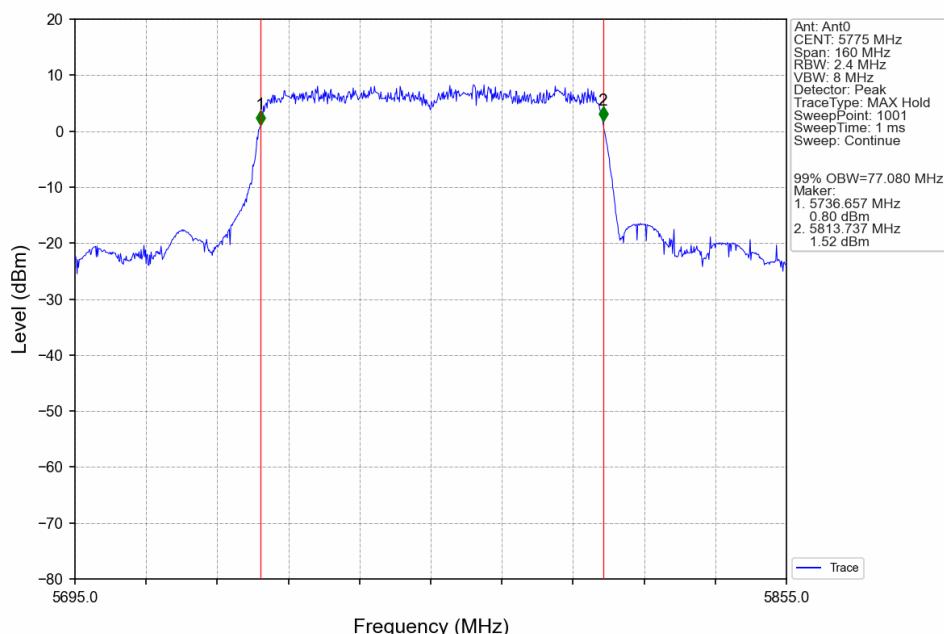
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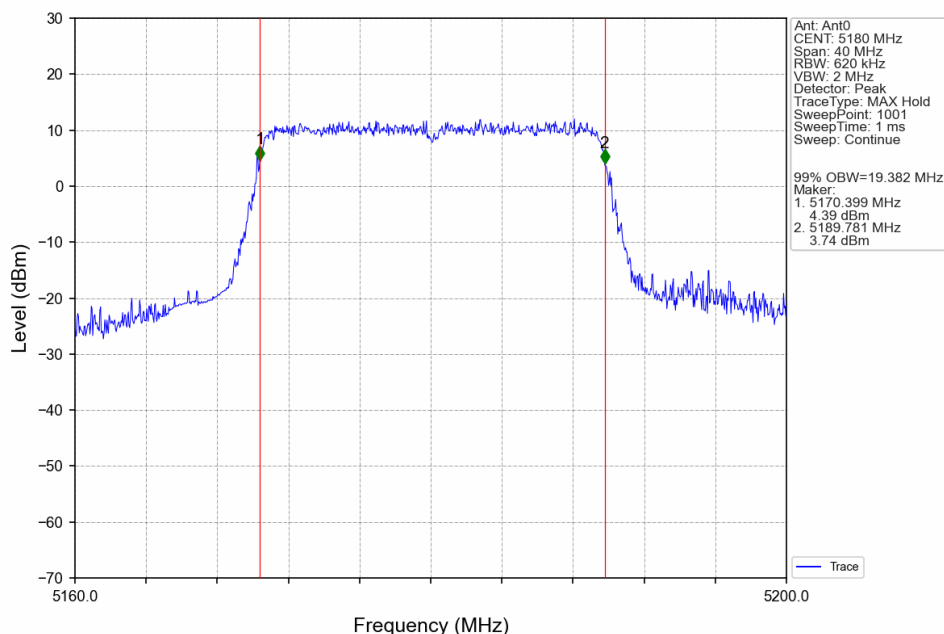
802.11ac(VHT80)\_MCH\_5210MHz\_Ant0\_NTNV



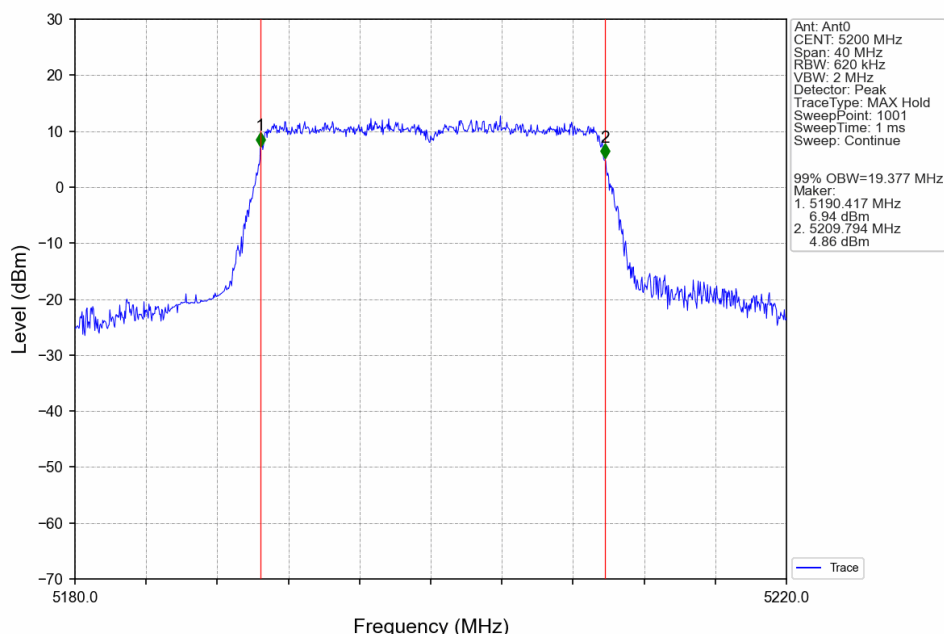
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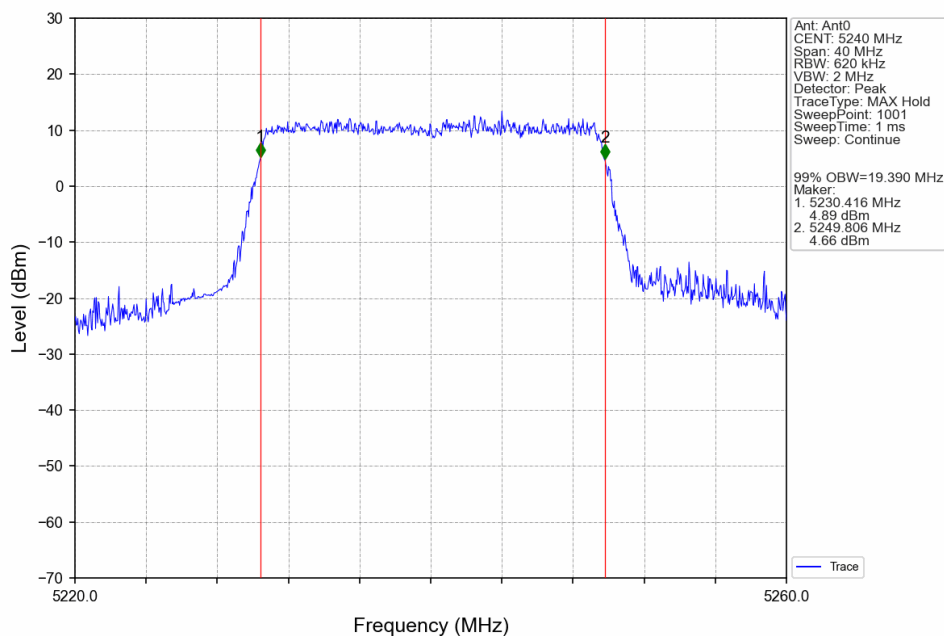
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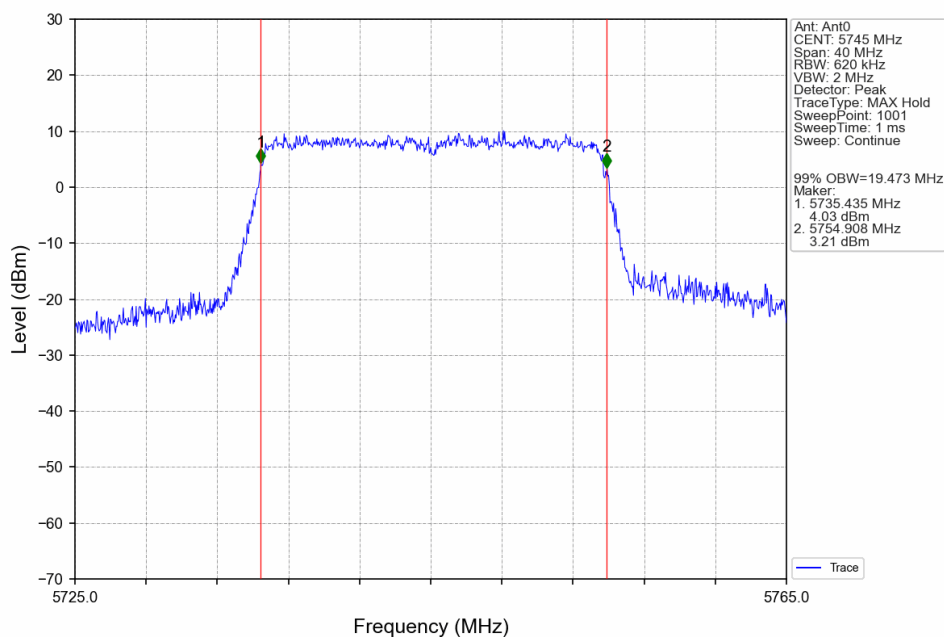
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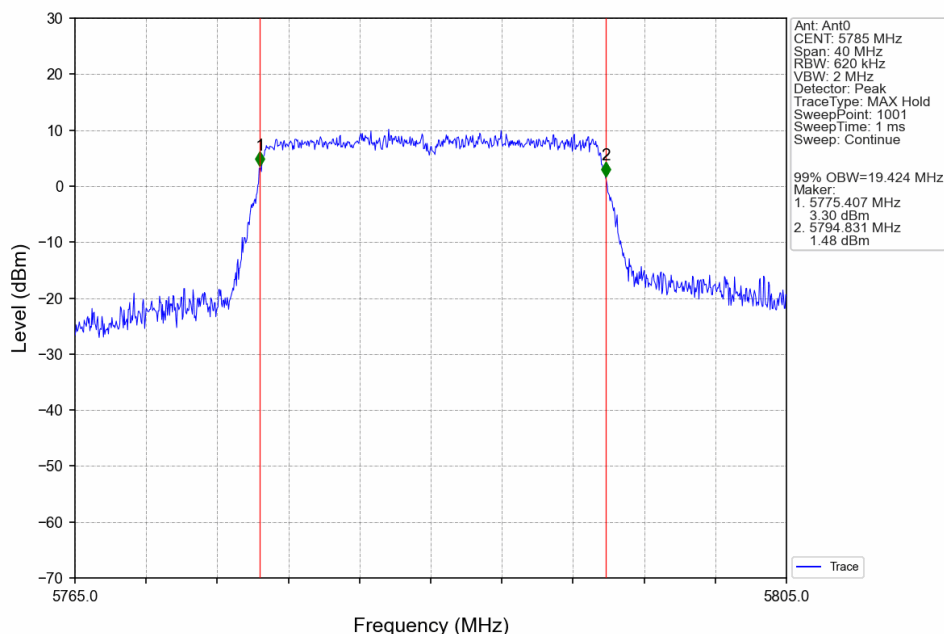
802.11ax(HEW20)\_HCH\_5240MHz\_RU242\_Left\_Ant0\_NTNV



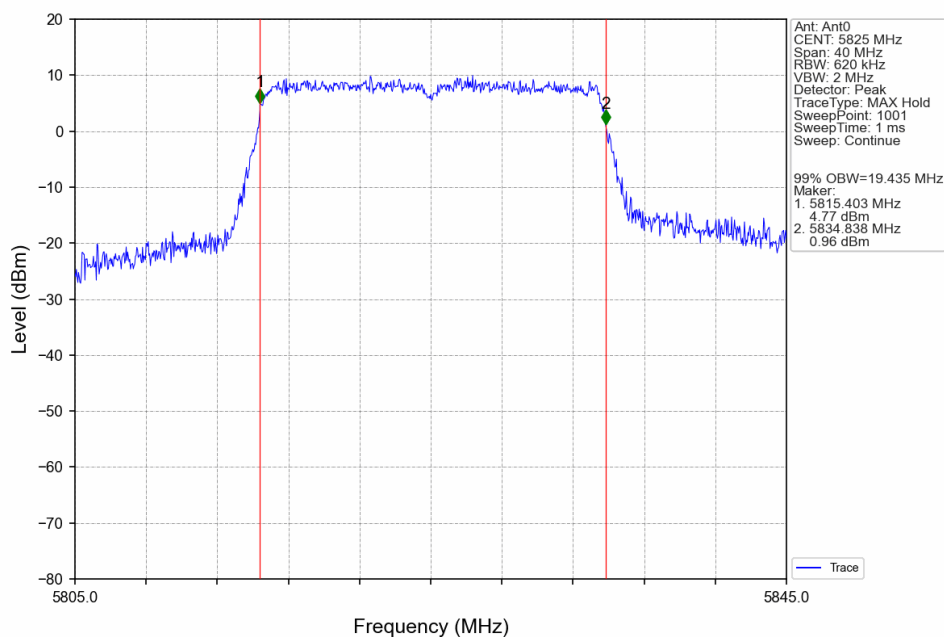
802.11ax(HEW20)\_LCH\_5745MHz\_RU242\_Left\_Ant0\_NTNV



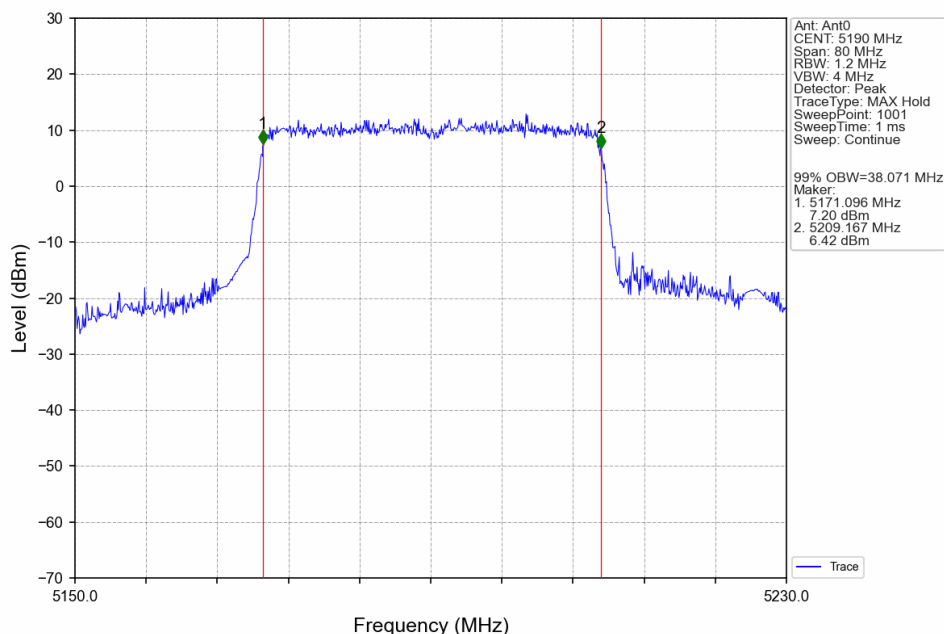
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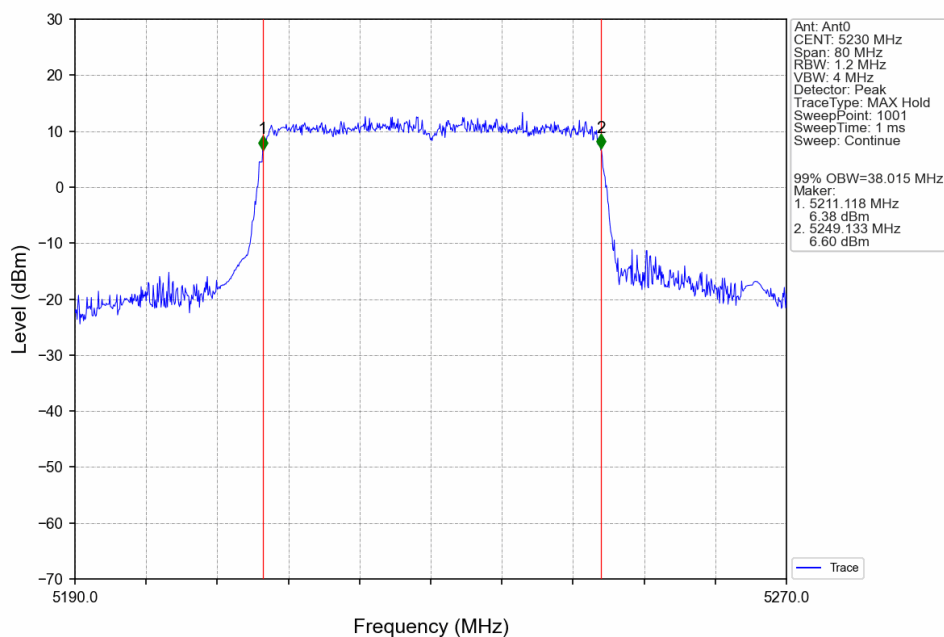
802.11ax(HEW20)\_HCH\_5825MHz\_RU242\_Left\_Ant0\_NTNV



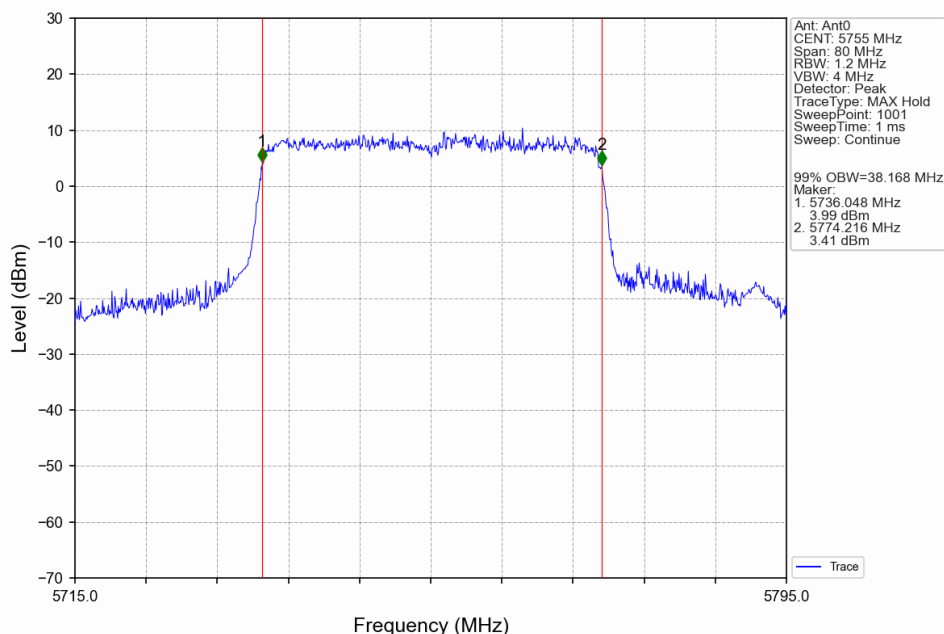
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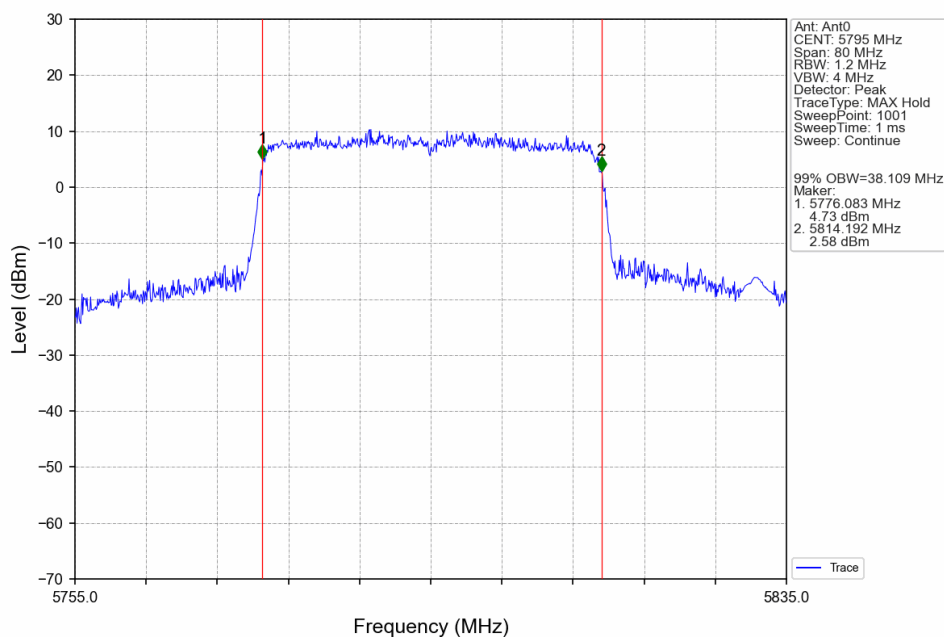
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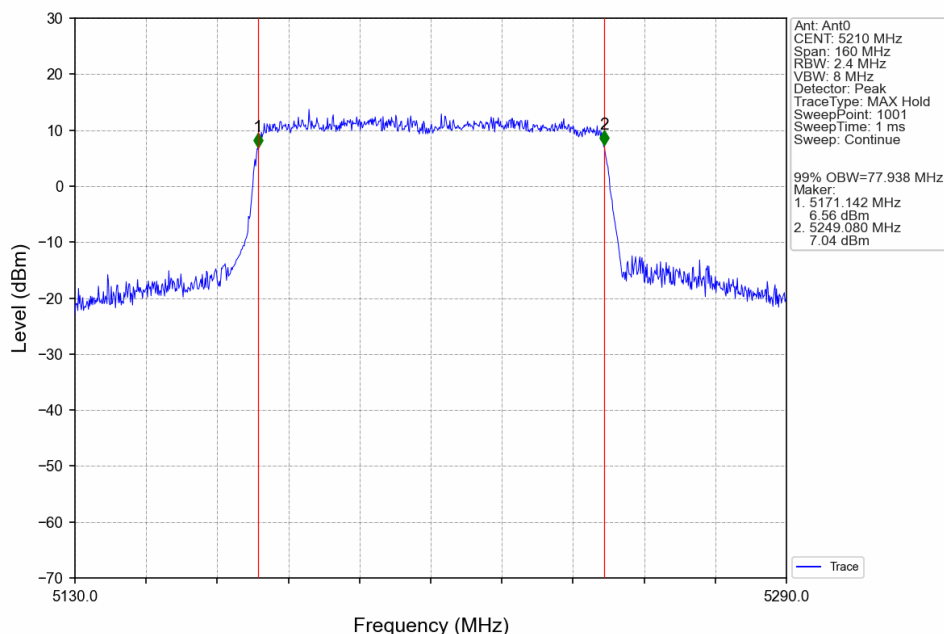
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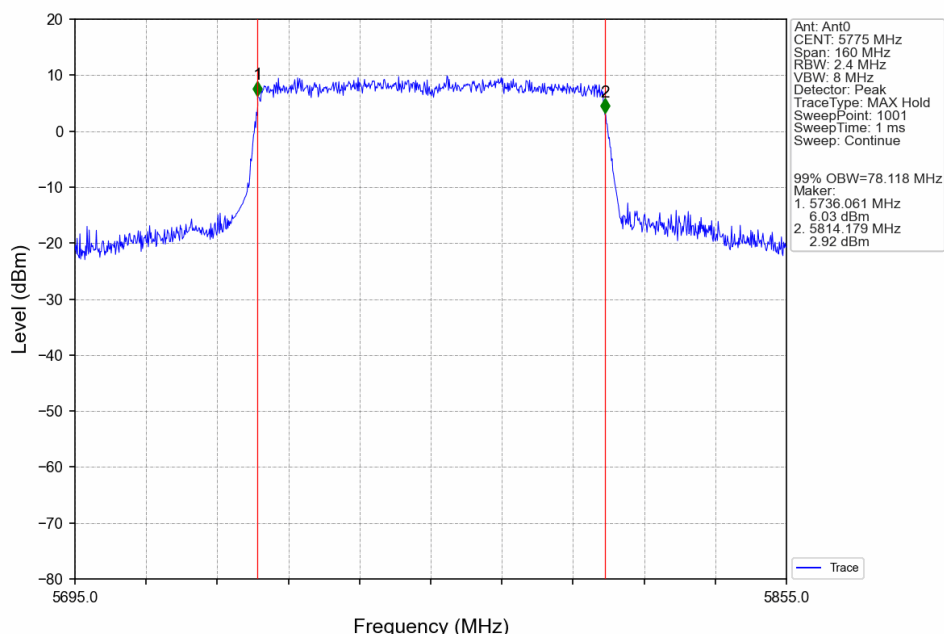
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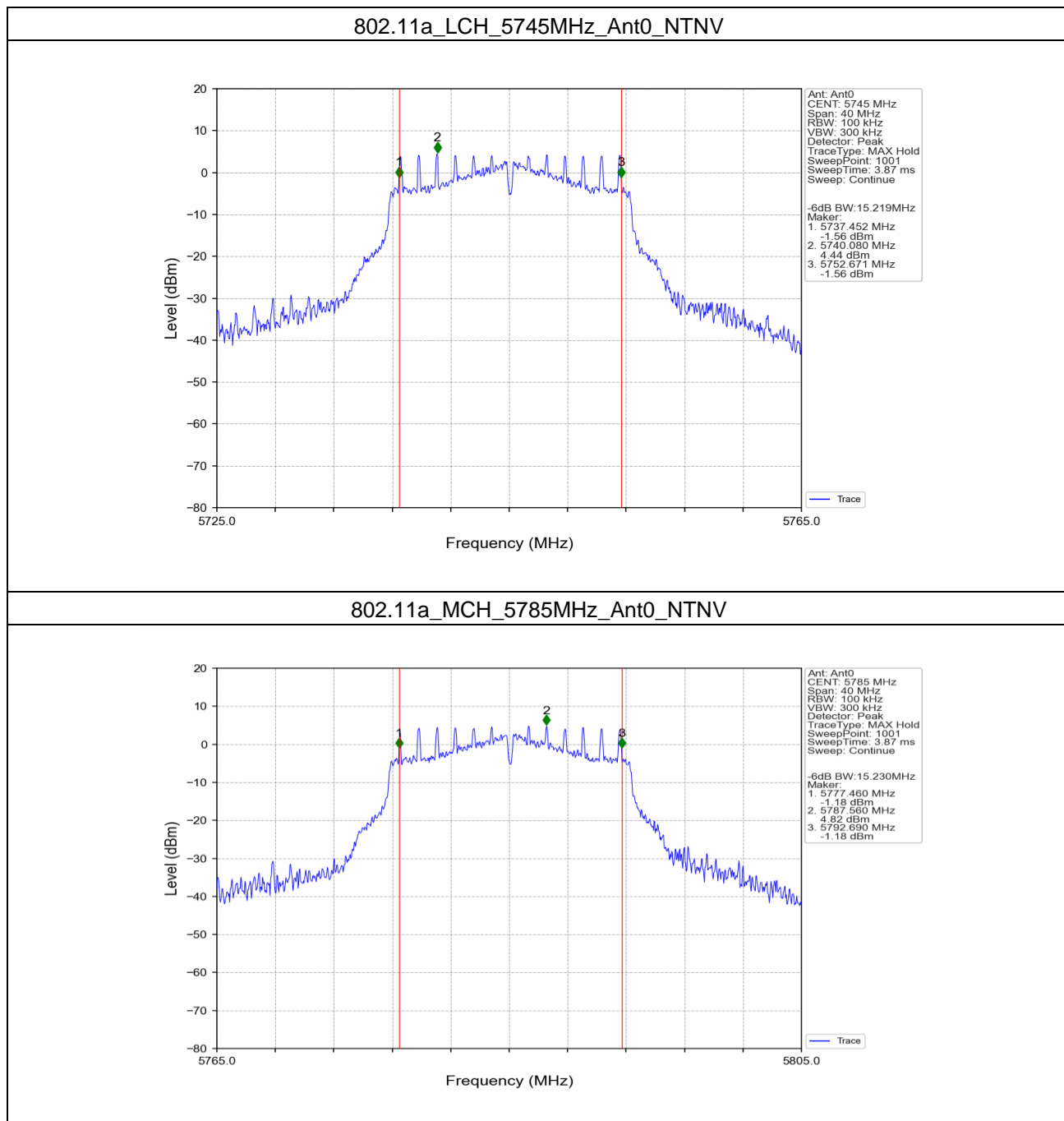
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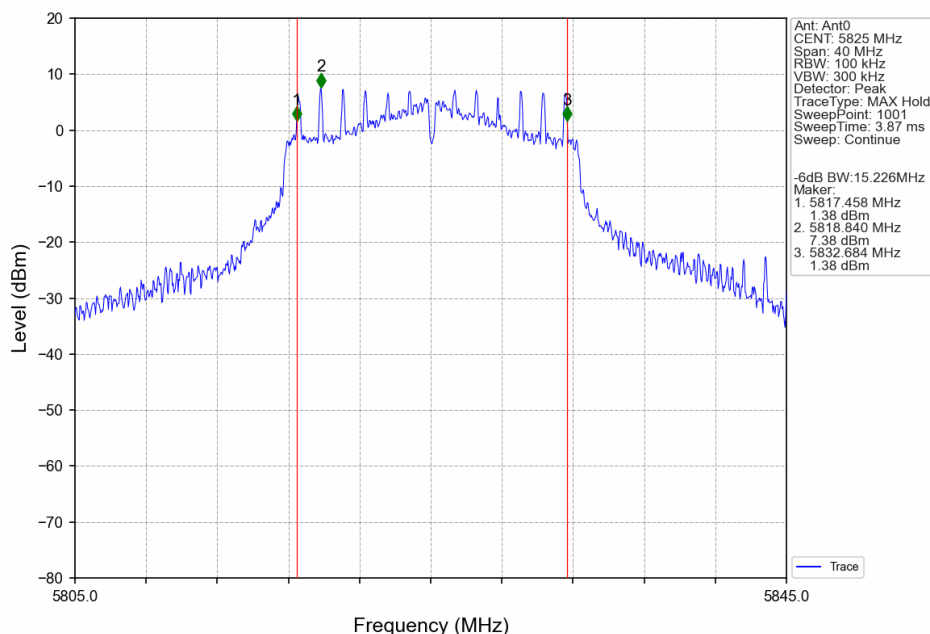
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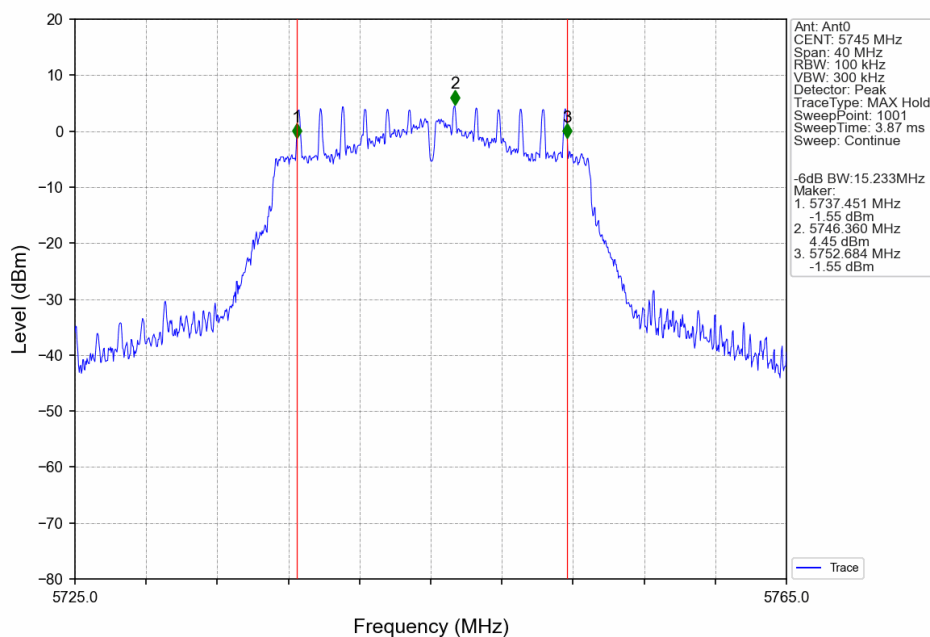
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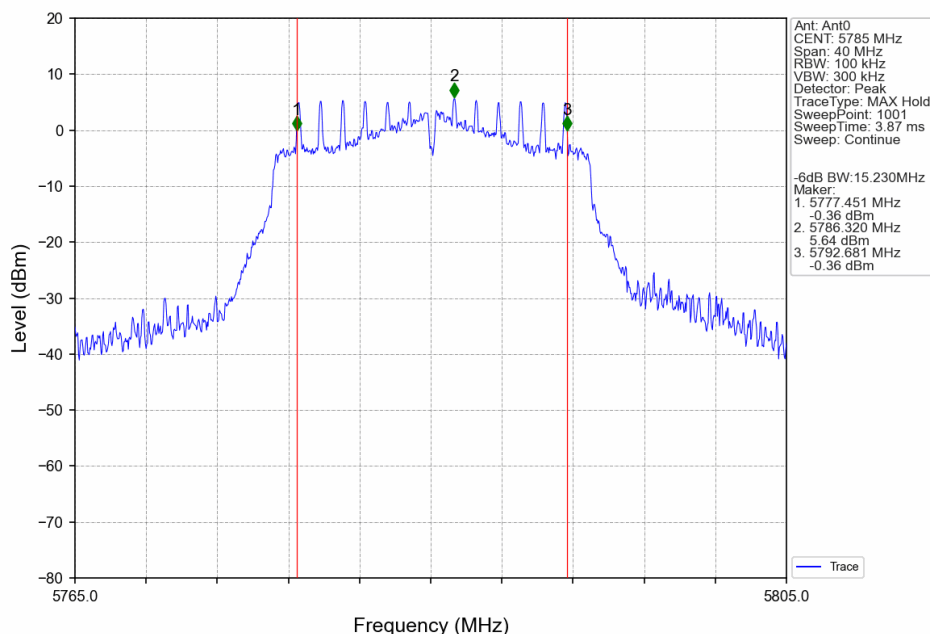
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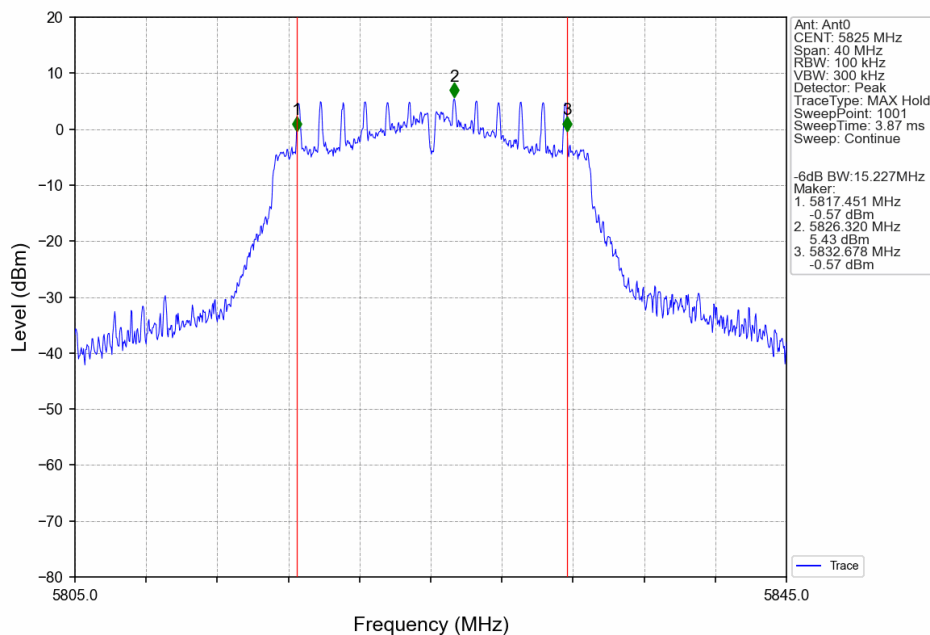
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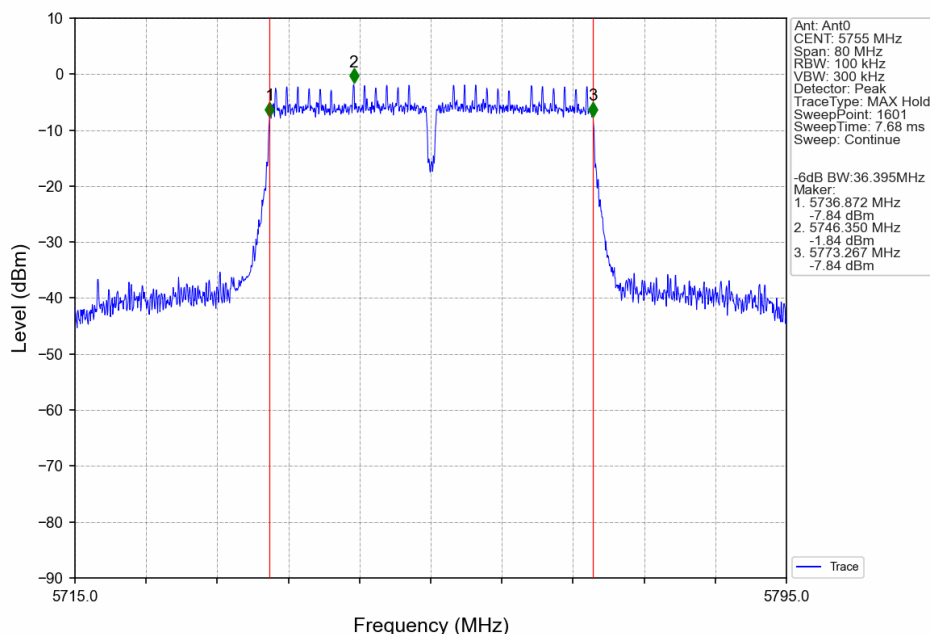
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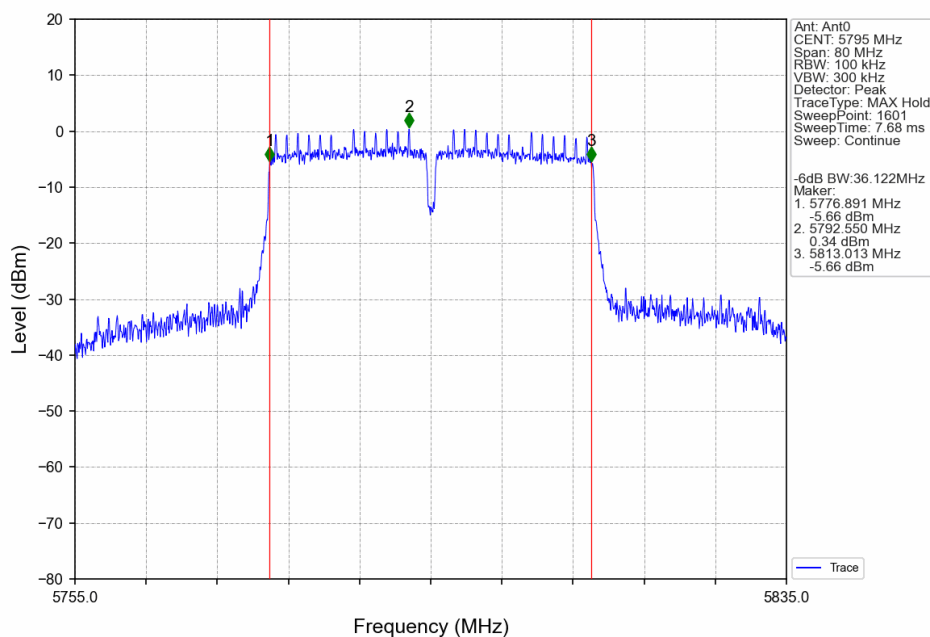
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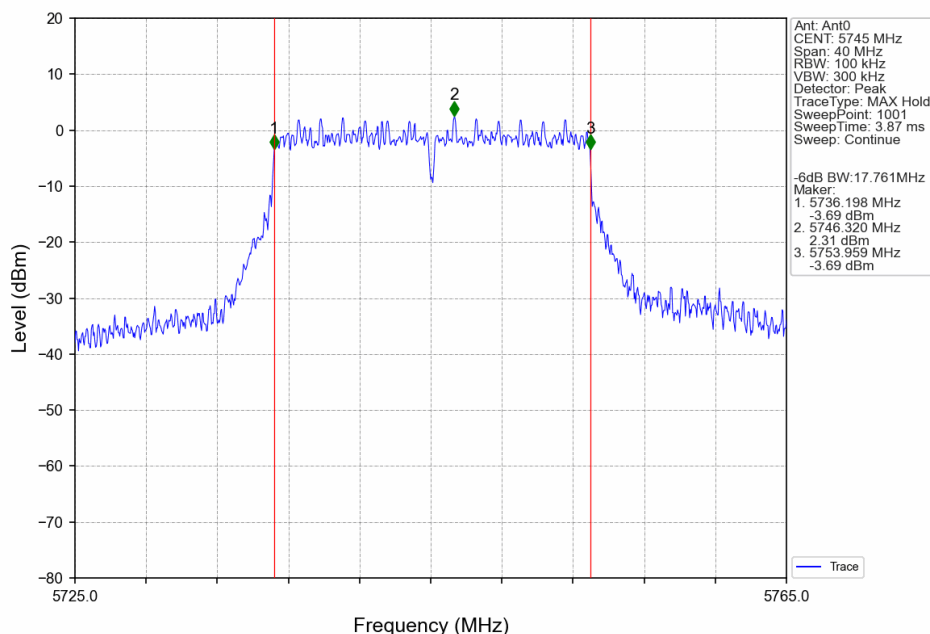
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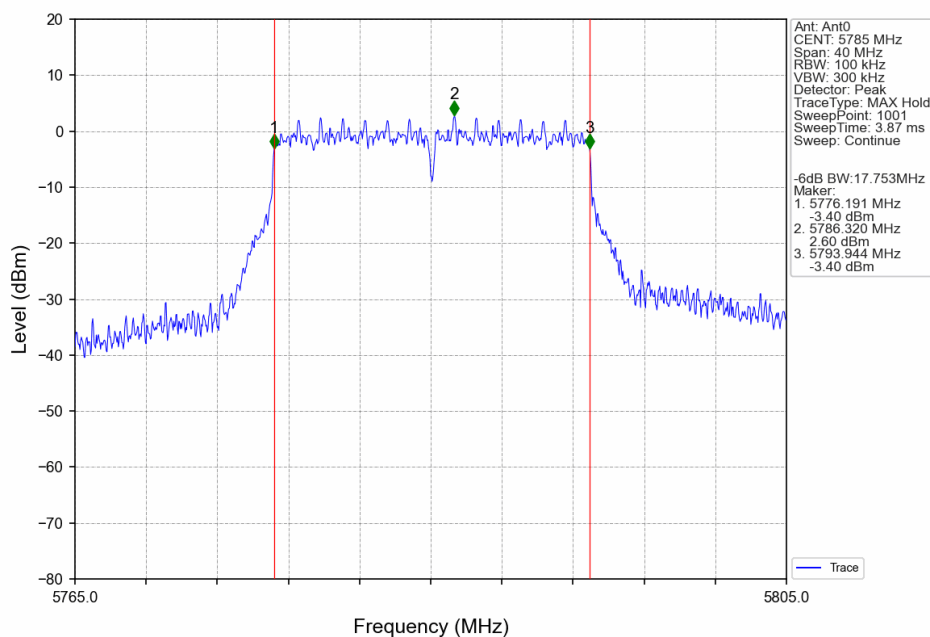
802.11n(HT40)\_HCH\_5795MHz\_Ant0\_NTNV



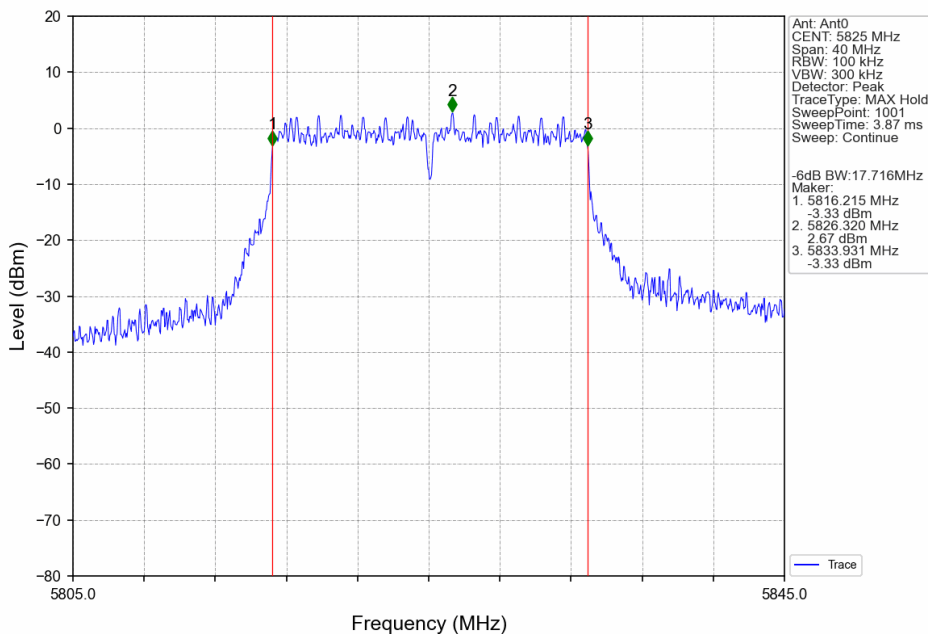
802.11ac(VHT20)\_LCH\_5745MHz\_Ant0\_NTNV



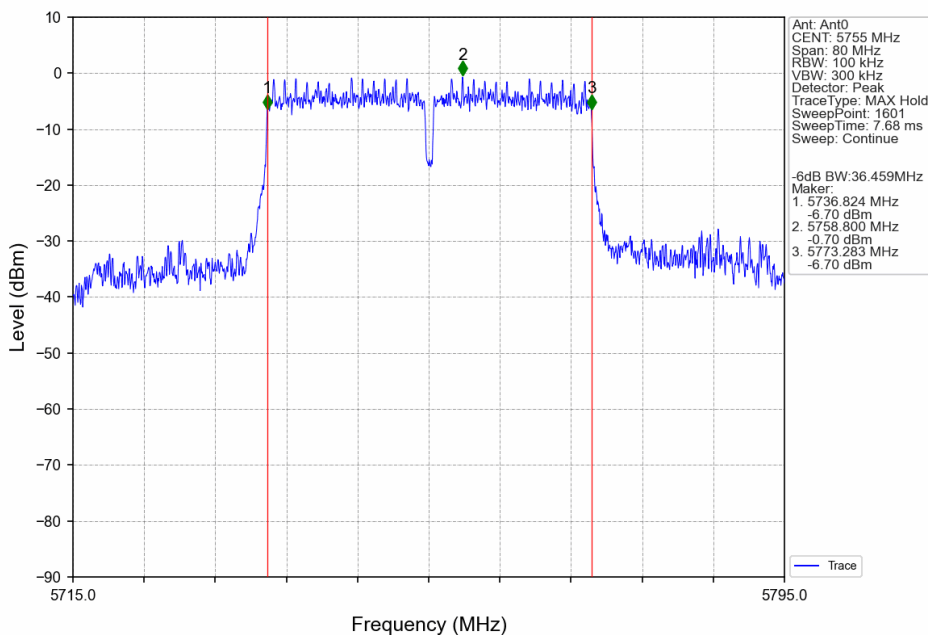
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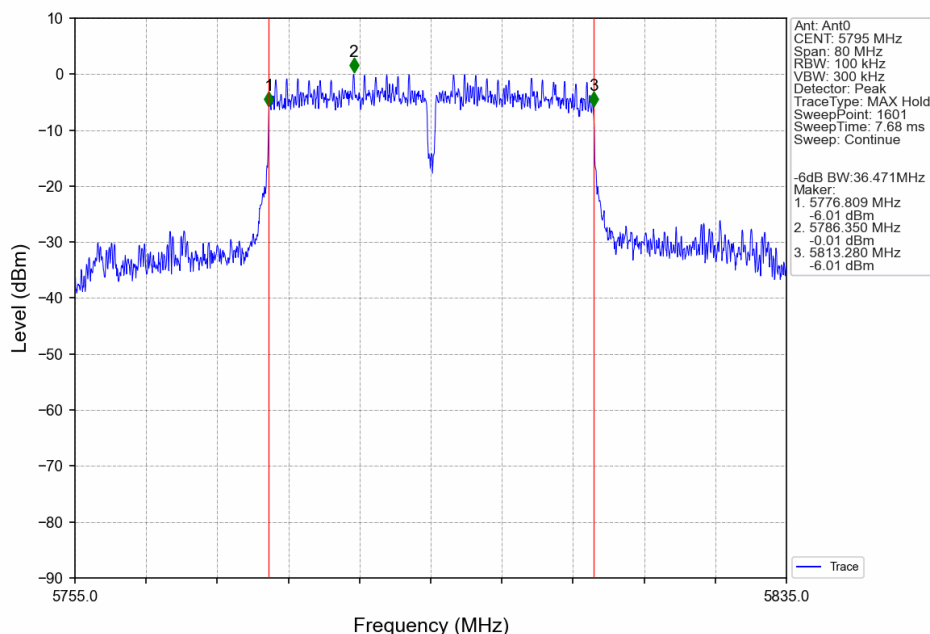
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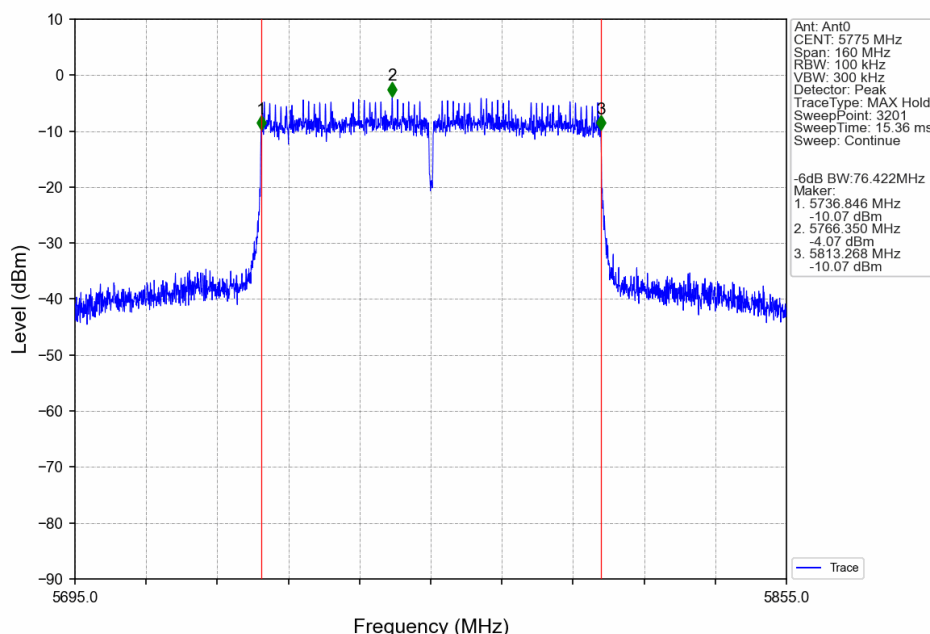
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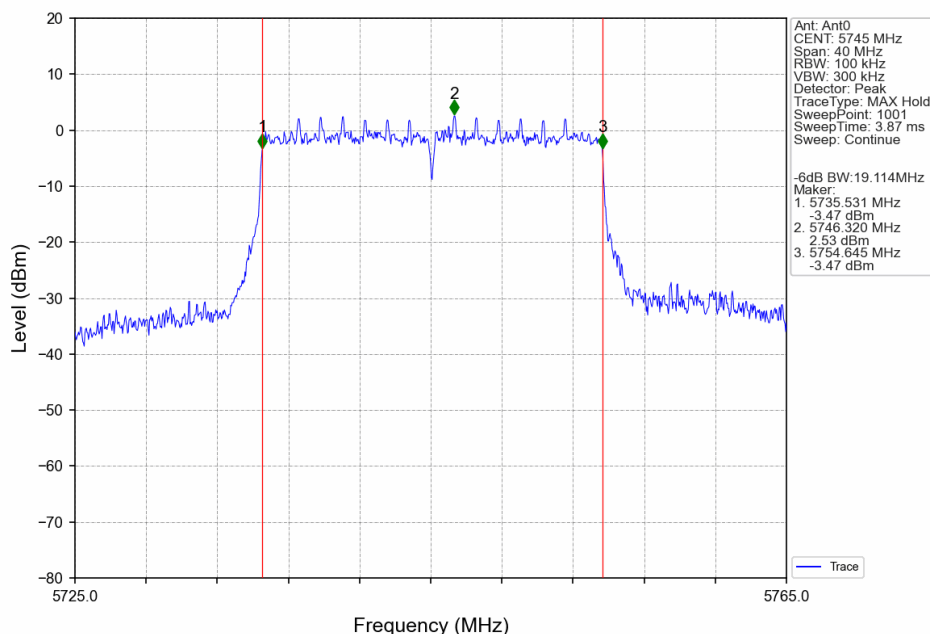
802.11ac(VHT40)\_HCH\_5795MHz\_Ant0\_NTNV



802.11ac(VHT80)\_MCH\_5775MHz\_Ant0\_NTNV



802.11ax(HEW20)\_LCH\_5745MHz\_RU242\_Left\_Ant0\_NTNV



802.11ax(HEW20)\_MCH\_5785MHz\_RU242\_Left\_Ant0\_NTNV

