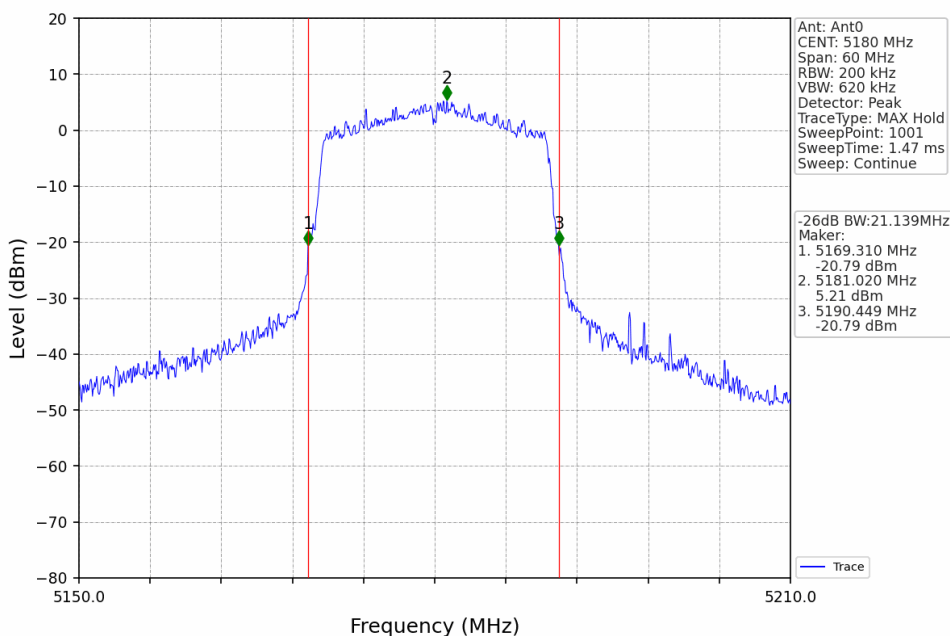
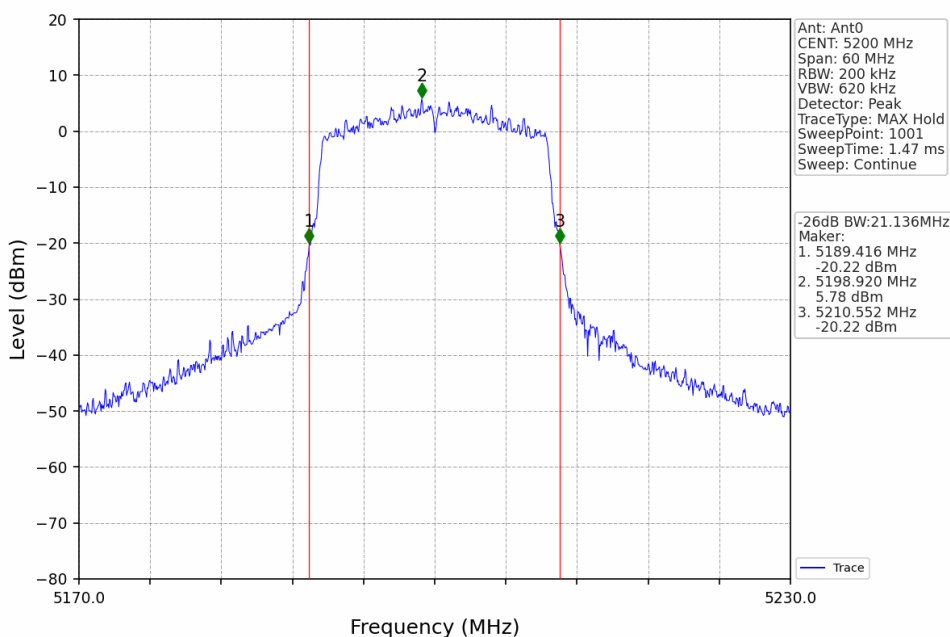


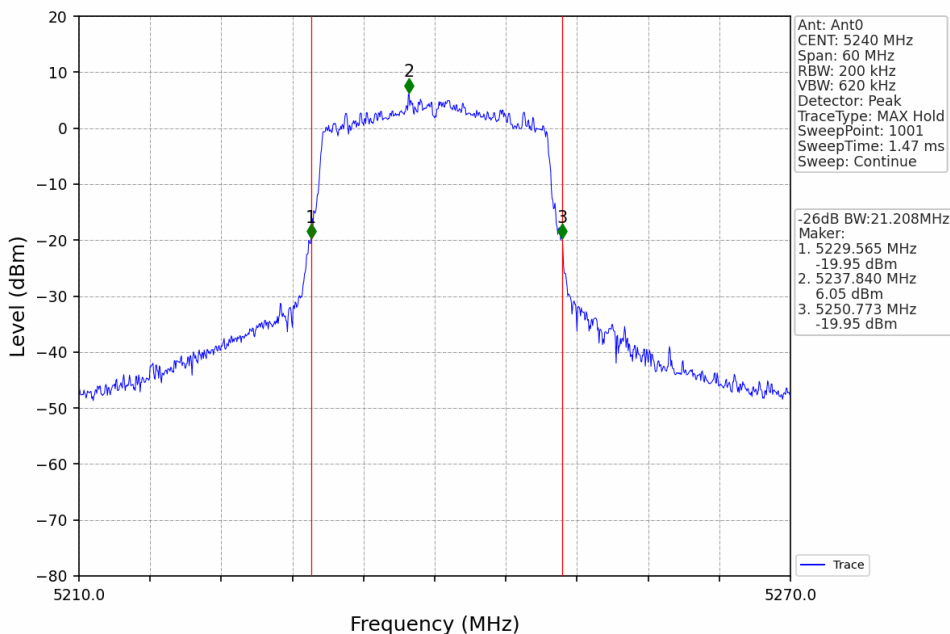
802.11ax(HEW20)\_LCH\_5180MHz\_RU242\_Left\_Ant0\_NTNV



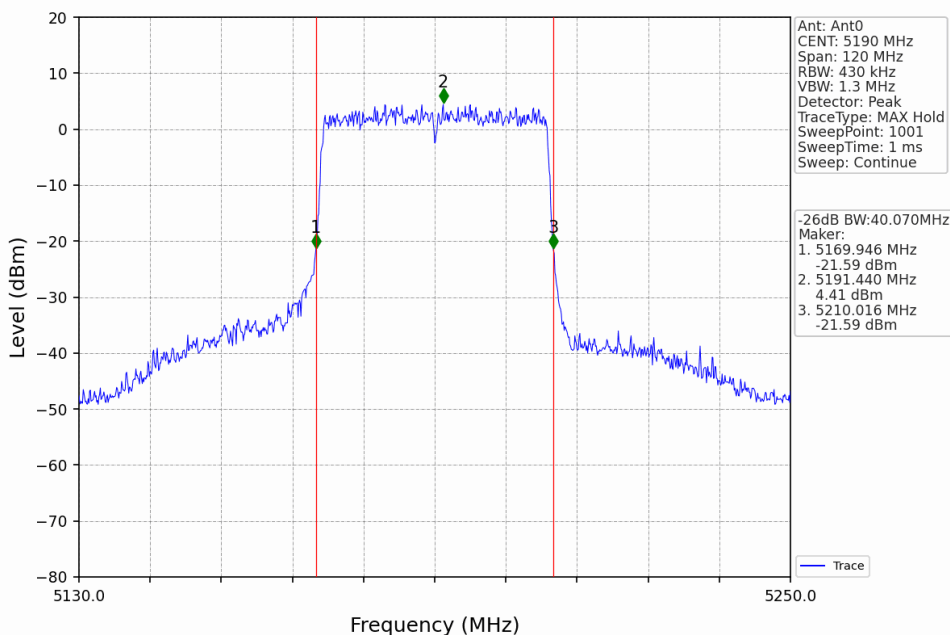
802.11ax(HEW20)\_MCH\_5200MHz\_RU242\_Left\_Ant0\_NTNV



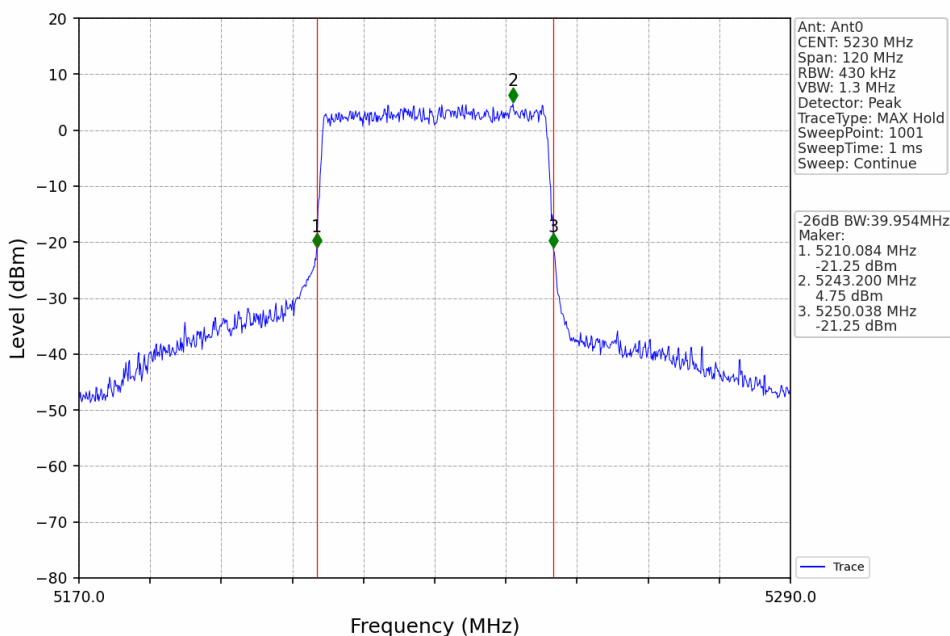
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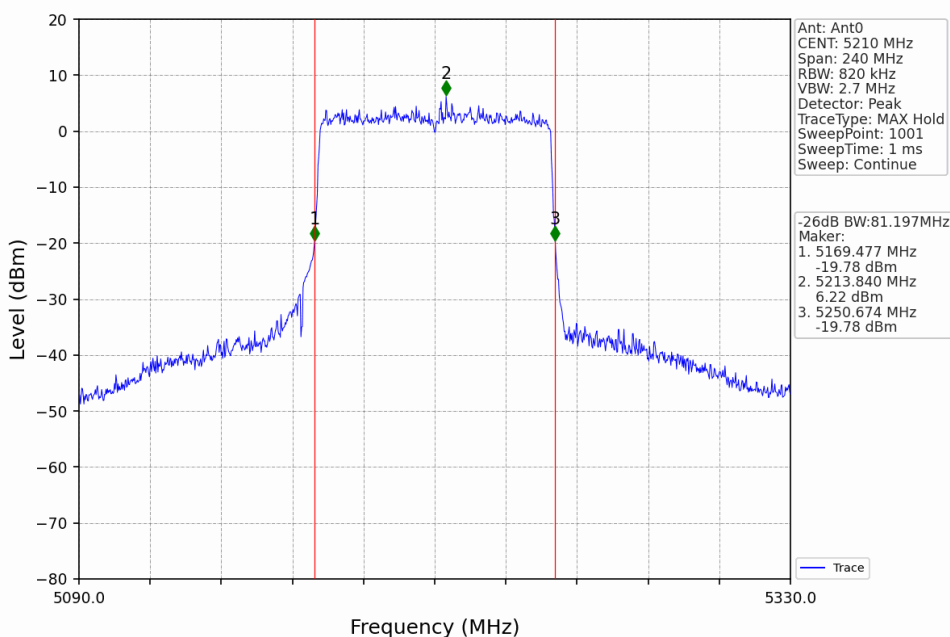
### 802.11ax(HEW40)\_LCH\_5190MHz\_RU484\_Left\_Ant0\_NTNV



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



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



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## 3. Maximum Conducted Output Power

### 3.1 Power

#### 3.1.1 Test Result

Mode	TX Type	Frequency (MHz)	RU	RU Pos	Maximum Average Conducted Output Power (dBm)				Verdict
					ANT0	ANT1	MIMO	Limit	
802.11a	SISO	5180	/	/	15.33	15.43	/	<=23.98	Pass
		5200	/	/	15.45	15.65	/	<=23.98	Pass
		5240	/	/	16.15	16.14	/	<=23.98	Pass
		5745	/	/	21.75	18.62	/	<=30	Pass
		5785	/	/	21.60	18.56	/	<=30	Pass
		5825	/	/	21.77	18.79	/	<=30	Pass
802.11n (HT20)	MIMO	5180	/	/	12.54	12.46	15.51	<=23.98	Pass
		5200	/	/	12.88	12.83	15.87	<=23.98	Pass
		5240	/	/	13.54	13.18	16.37	<=23.98	Pass
		5745	/	/	16.63	15.44	19.09	<=30	Pass
		5785	/	/	16.70	15.53	19.16	<=30	Pass
		5825	/	/	16.76	16.04	19.43	<=30	Pass
802.11n (HT40)	MIMO	5190	/	/	12.53	12.28	15.42	<=23.98	Pass
		5230	/	/	12.96	12.71	15.85	<=23.98	Pass
		5755	/	/	16.63	16.01	19.34	<=30	Pass
		5795	/	/	16.76	16.06	19.43	<=30	Pass
802.11ac (VHT20)	MIMO	5180	/	/	12.67	12.76	15.73	<=23.98	Pass
		5200	/	/	13.02	12.84	15.94	<=23.98	Pass
		5240	/	/	13.66	13.21	16.45	<=23.98	Pass
		5745	/	/	16.86	15.65	19.31	<=30	Pass
		5785	/	/	16.51	15.56	19.07	<=30	Pass
		5825	/	/	16.78	16.17	19.50	<=30	Pass
802.11ac (VHT40)	MIMO	5190	/	/	12.48	12.38	15.44	<=23.98	Pass
		5230	/	/	12.97	12.65	15.82	<=23.98	Pass
		5755	/	/	16.75	15.82	19.32	<=30	Pass
		5795	/	/	16.73	16.00	19.39	<=30	Pass
802.11ac (VHT80)	MIMO	5210	/	/	12.85	12.68	15.78	<=23.98	Pass
		5775	/	/	17.74	17.18	20.48	<=30	Pass
802.11ax (HEW20)	MIMO	5180	RU242	Left	12.85	12.96	15.92	<=23.98	Pass
		5200	RU242	Left	13.18	12.92	16.06	<=23.98	Pass



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SZEMC-TRF-01 Rev. A/1

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		5240	RU242	Left	13.63	13.50	16.58	<=23.98	Pass
		5745	RU242	Left	16.73	15.76	19.28	<=30	Pass
		5785	RU242	Left	16.51	15.65	19.11	<=30	Pass
		5825	RU242	Left	16.69	16.17	19.45	<=30	Pass
802.11ax (HEW40)	MIMO	5190	RU484	Left	12.77	12.59	15.69	<=23.98	Pass
		5230	RU484	Left	13.13	12.99	16.07	<=23.98	Pass
		5755	RU484	Left	16.80	16.09	19.47	<=30	Pass
		5795	RU484	Left	16.96	16.25	19.63	<=30	Pass
802.11ax (HEW80)	MIMO	5210	RU996	Left	13.09	13.02	16.07	<=23.98	Pass
		5775	RU996	Left	16.88	16.32	19.62	<=30	Pass



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## 4. Maximum Power Spectral Density

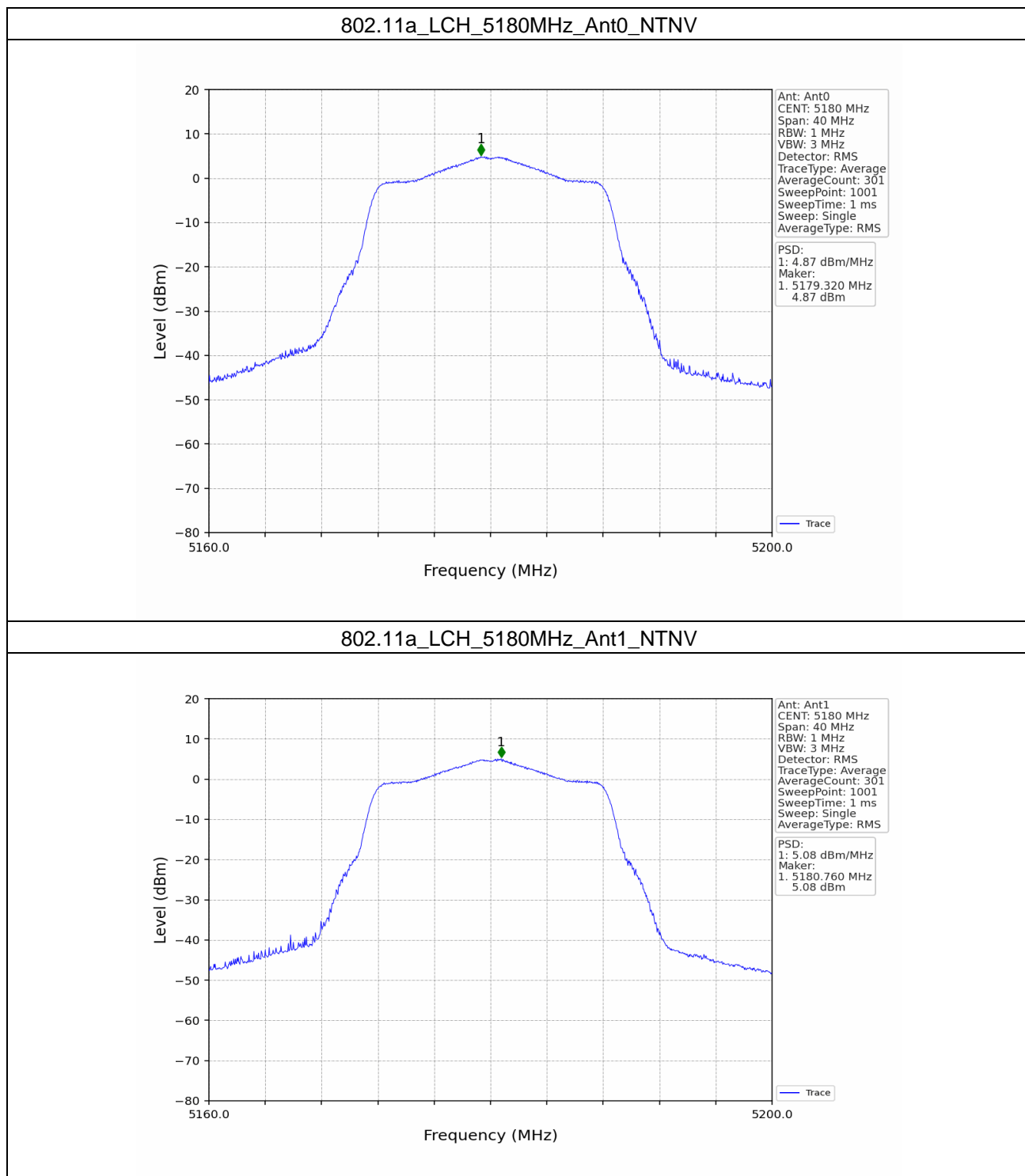
### 4.1 PSD

#### 4.1.1 Test Result

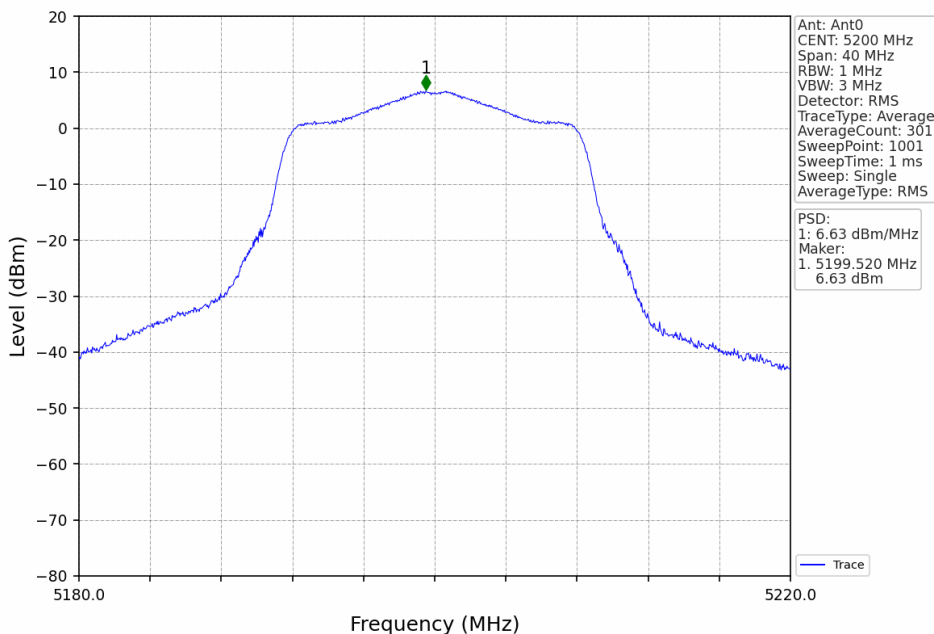
Mode	TX Type	Frequency (MHz)	RU	RU Pos	Maximum PSD (dBm/MHz)				Verdict
					ANT0	ANT1	MIMO	Limit	
802.11a	SISO	5180	/	/	4.87	5.08	/	<=11	Pass
		5200	/	/	6.63	6.87	/	<=11	Pass
		5240	/	/	7.51	7.35	/	<=11	Pass
802.11n (HT20)	MIMO	5180	/	/	4.25	3.58	6.94	<=11	Pass
		5200	/	/	3.83	3.80	6.82	<=11	Pass
		5240	/	/	4.70	4.18	7.38	<=11	Pass
802.11n (HT40)	MIMO	5190	/	/	-2.03	-2.36	0.75	<=11	Pass
		5230	/	/	-1.64	-1.78	1.20	<=11	Pass
802.11ac (VHT20)	MIMO	5180	/	/	3.61	3.66	6.64	<=11	Pass
		5200	/	/	4.01	3.84	6.88	<=11	Pass
		5240	/	/	4.62	4.29	7.41	<=11	Pass
802.11ac (VHT40)	MIMO	5190	/	/	-2.03	-2.08	0.87	<=11	Pass
		5230	/	/	-1.29	-1.49	1.52	<=11	Pass
802.11ac (VHT80)	MIMO	5210	/	/	-4.74	-4.98	-1.91	<=11	Pass
802.11ax (HEW20)	MIMO	5180	RU242	Left	2.68	2.46	5.58	<=11	Pass
		5200	RU242	Left	2.76	2.81	5.75	<=11	Pass
		5240	RU242	Left	3.33	3.11	6.16	<=11	Pass
802.11ax (HEW40)	MIMO	5190	RU484	Left	-1.96	-2.11	0.92	<=11	Pass
		5230	RU484	Left	-1.60	-1.51	1.34	<=11	Pass
802.11ax (HEW80)	MIMO	5210	RU996	Left	-4.58	-4.71	-1.75	<=11	Pass



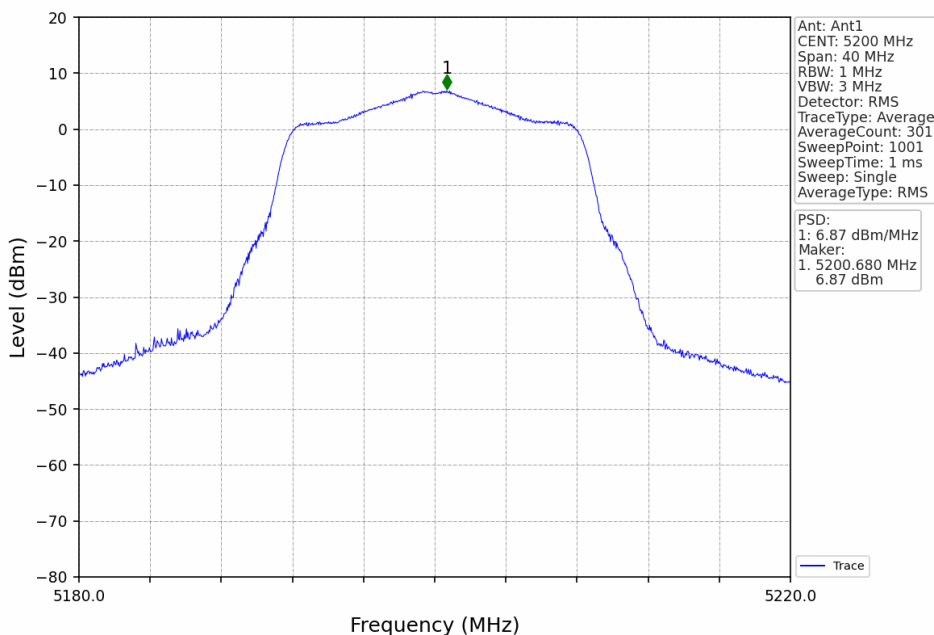
### 4.1.2 Test Graph



802.11a\_MCH\_5200MHz\_Ant0\_NTNV

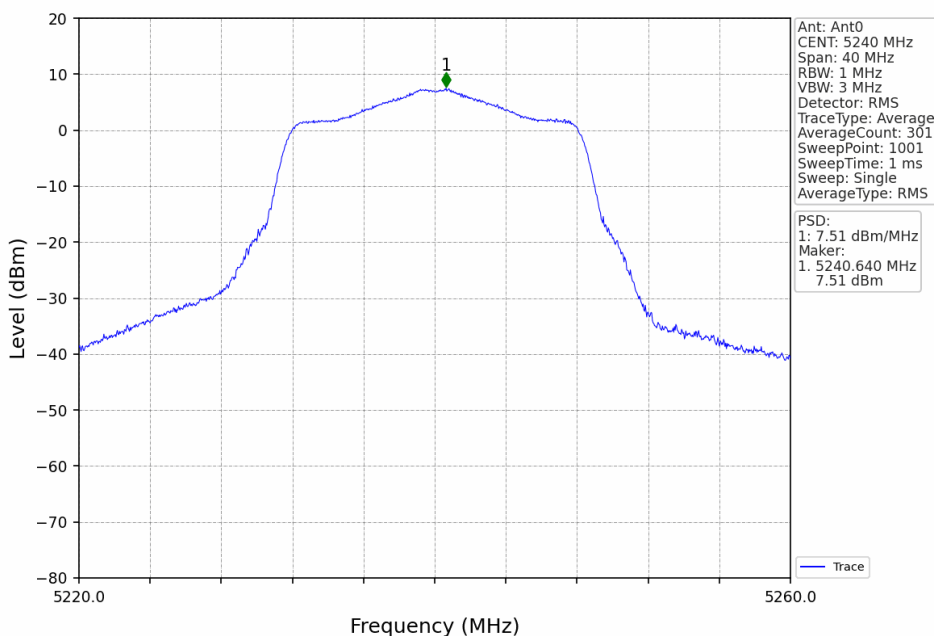


802.11a\_MCH\_5200MHz\_Ant1\_NTNV

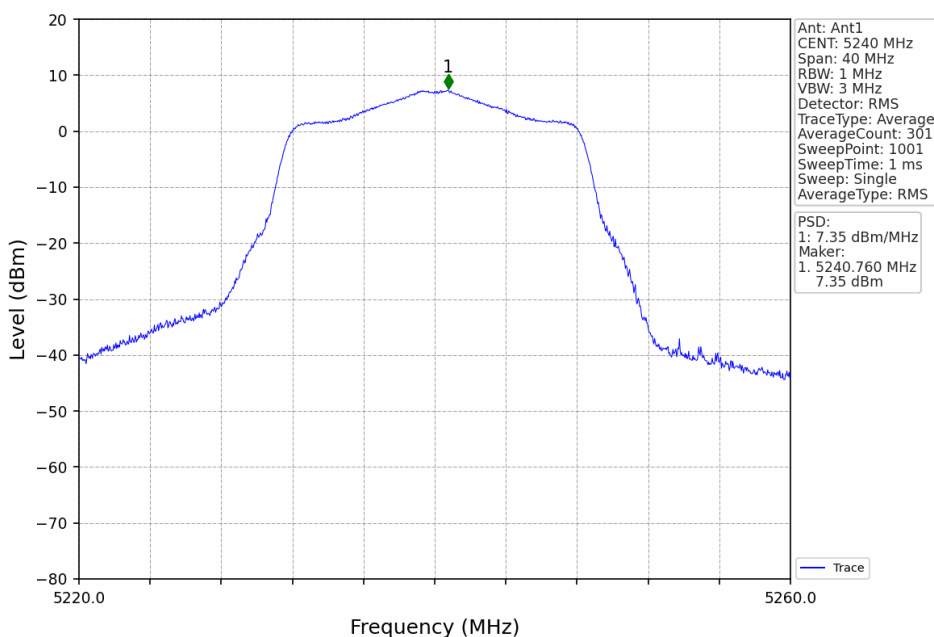




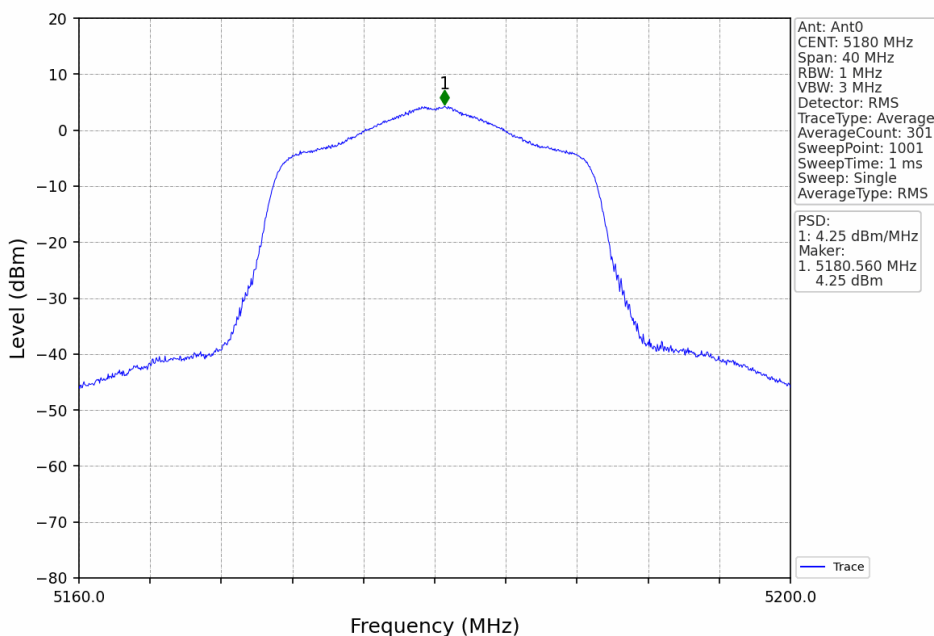
802.11a\_HCH\_5240MHz\_Ant0\_NTNV



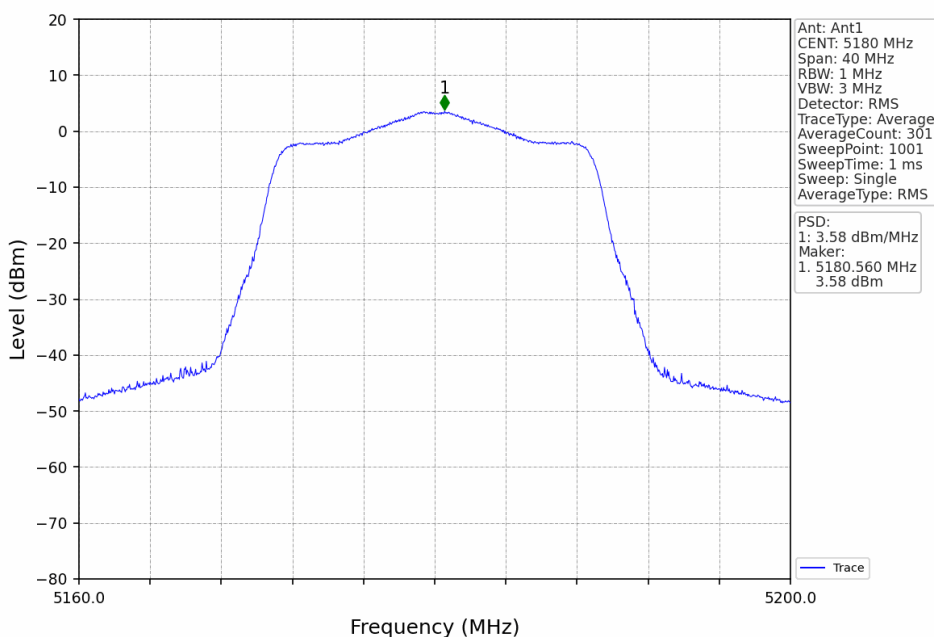
802.11a\_HCH\_5240MHz\_Ant1\_NTNV



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



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



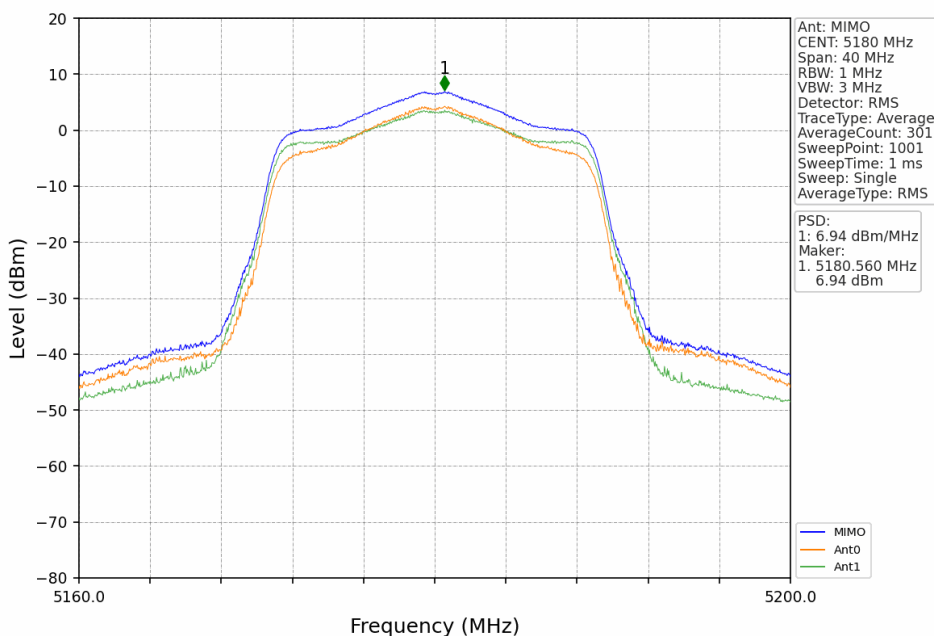
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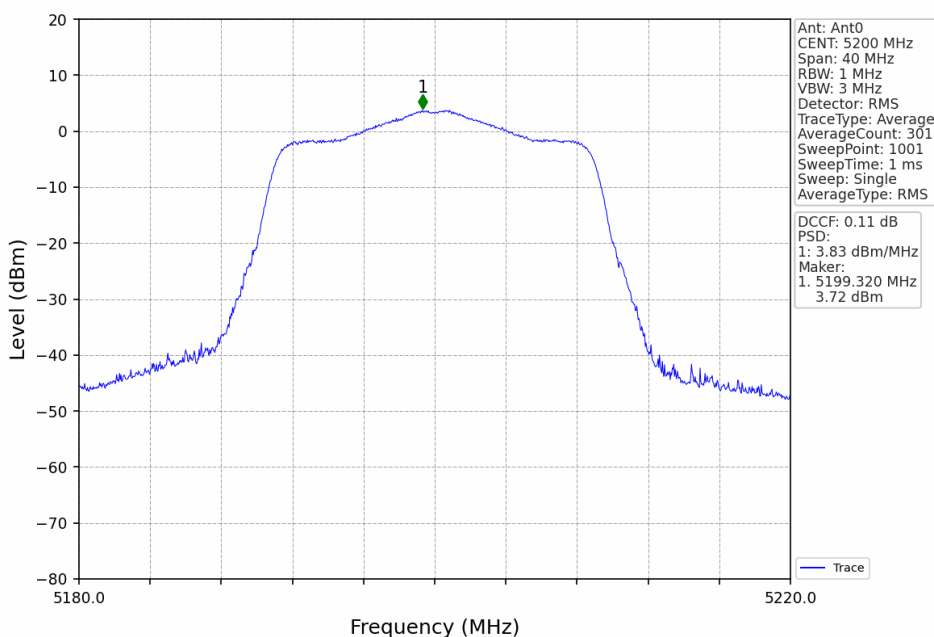
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802.11n(HT20)\_LCH\_5180MHz\_MIMO\_NTNV



802.11n(HT20)\_MCH\_5200MHz\_Ant0\_NTNV



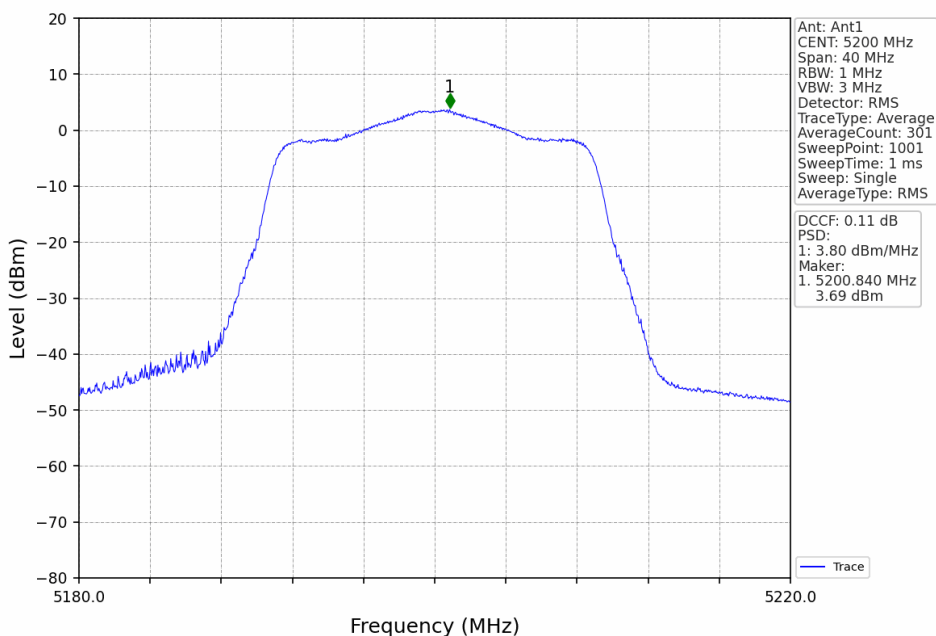
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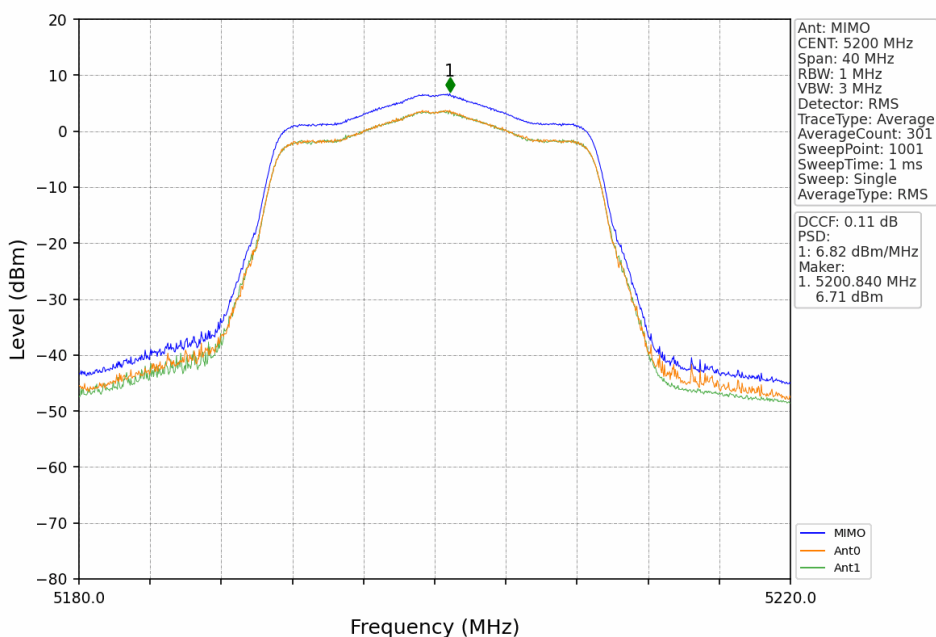
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802.11n(HT20)\_MCH\_5200MHz\_Ant1\_NTNV

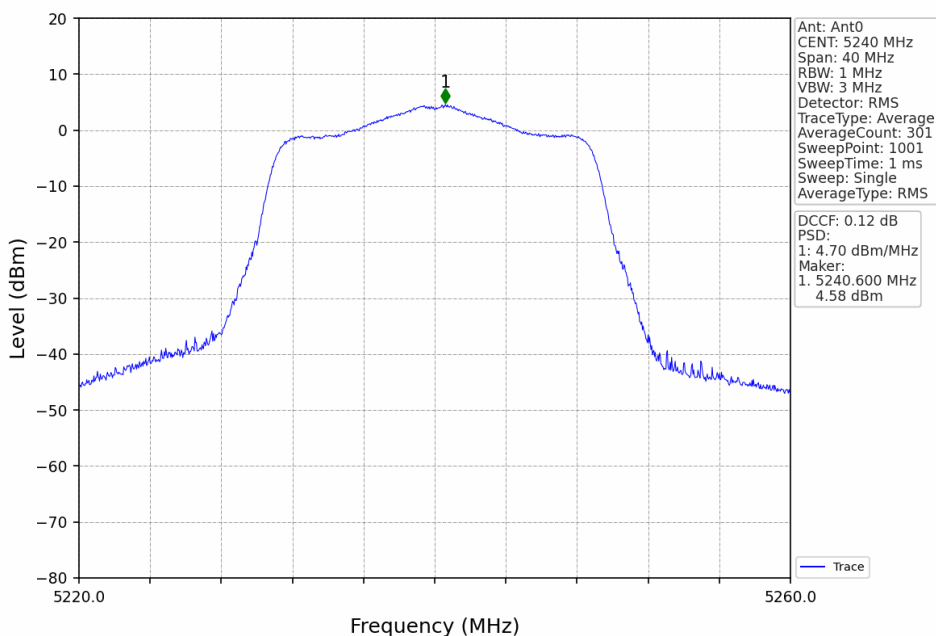


802.11n(HT20)\_MCH\_5200MHz\_MIMO\_NTNV

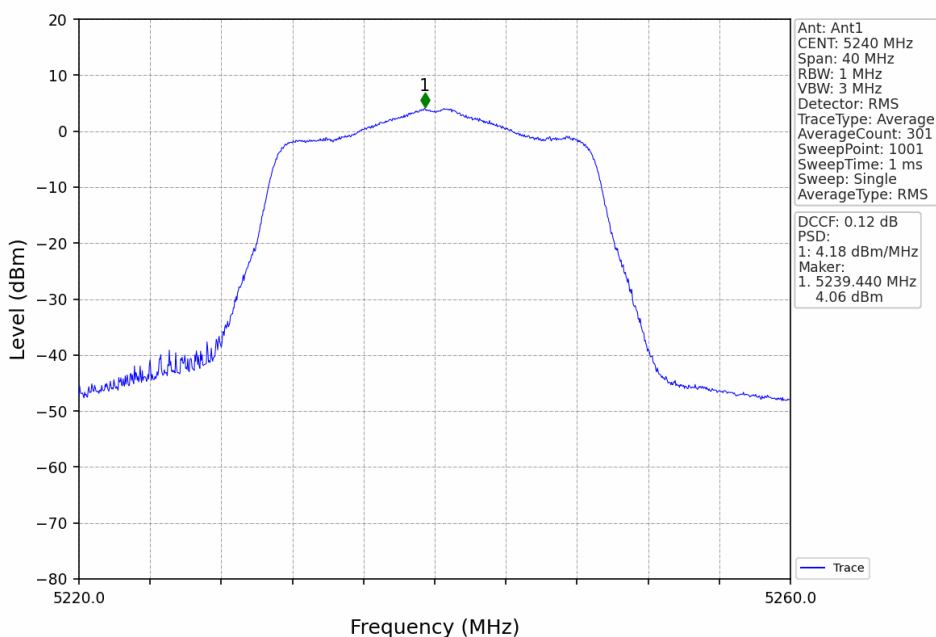




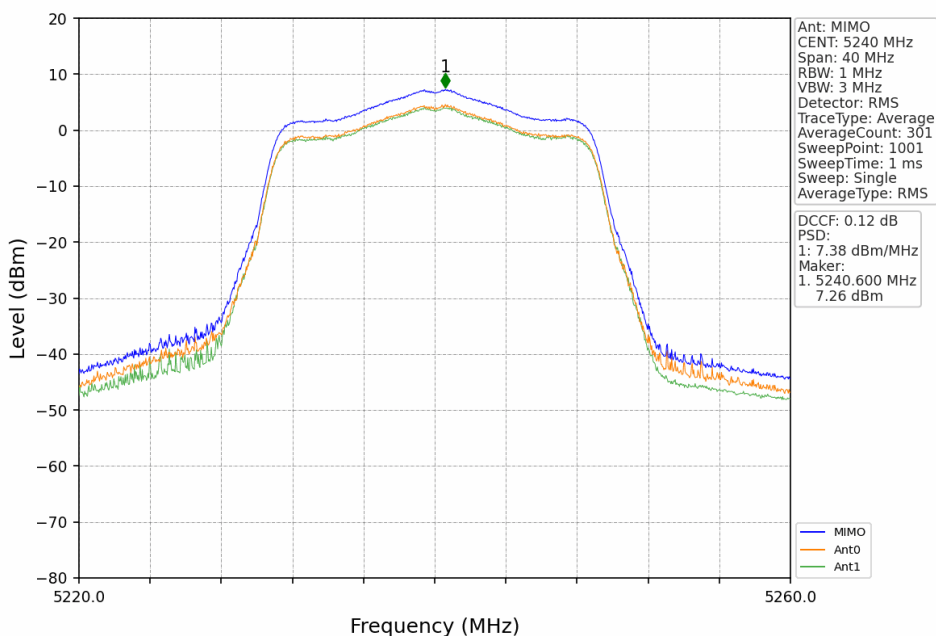
802.11n(HT20)\_HCH\_5240MHz\_Ant0\_NTNV



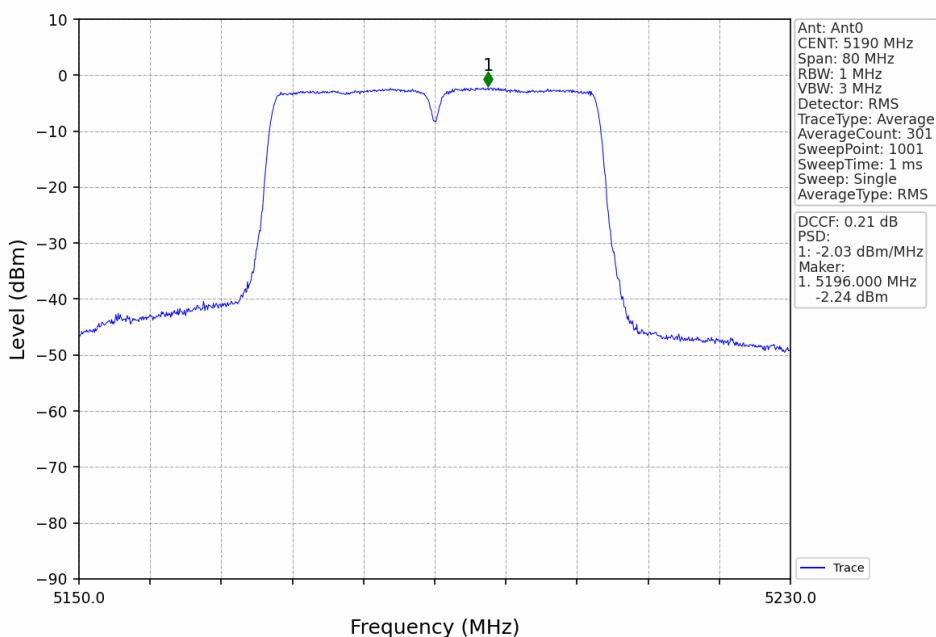
802.11n(HT20)\_HCH\_5240MHz\_Ant1\_NTNV



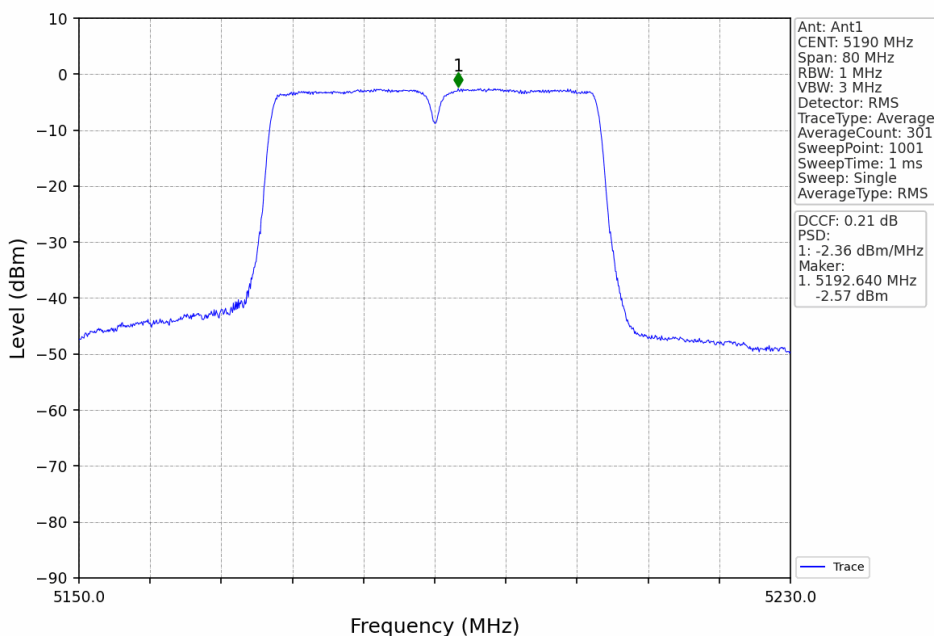
### 802.11n(HT20)\_HCH\_5240MHz\_MIMO\_NTNV



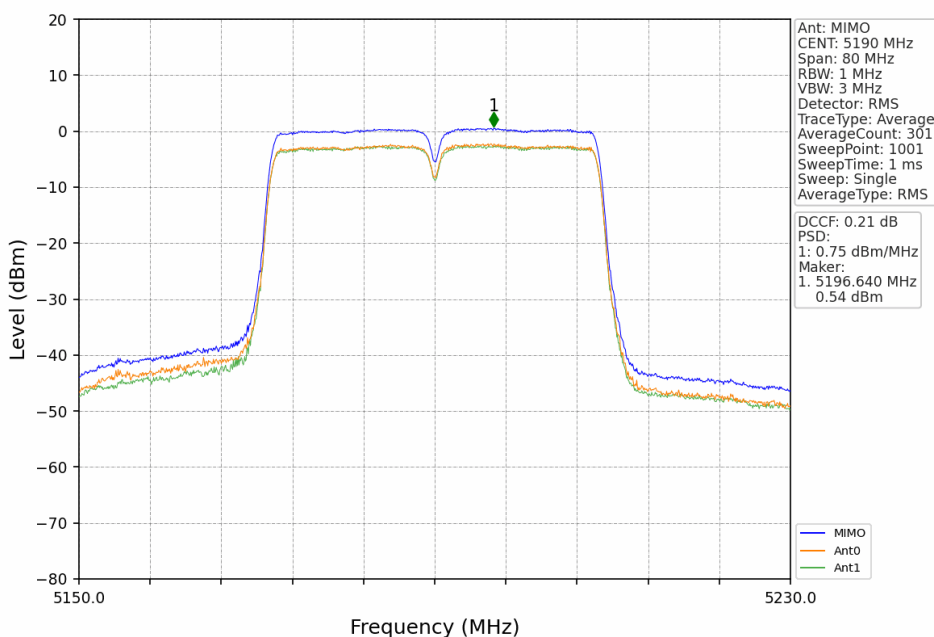
### 802.11n(HT40)\_LCH\_5190MHz\_Ant0\_NTNV



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



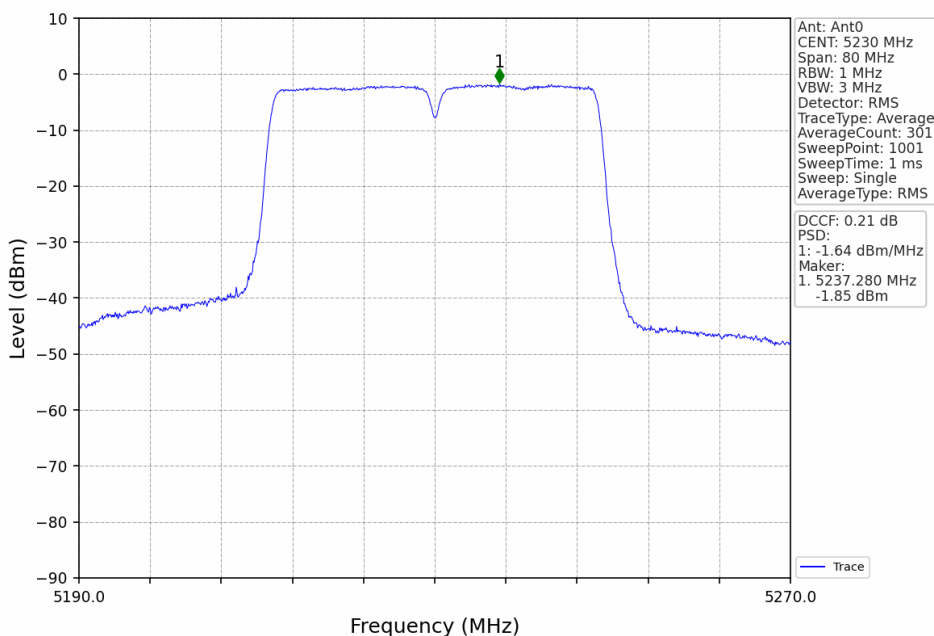
802.11n(HT40)\_LCH\_5190MHz\_MIMO\_NTNV



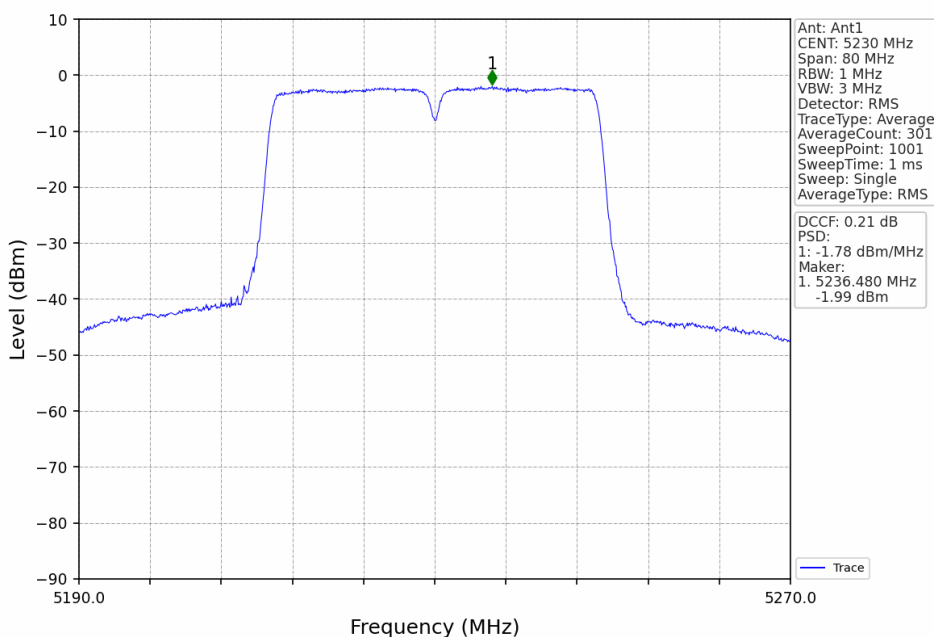
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802.11n(HT40)\_HCH\_5230MHz\_Ant0\_NTNV

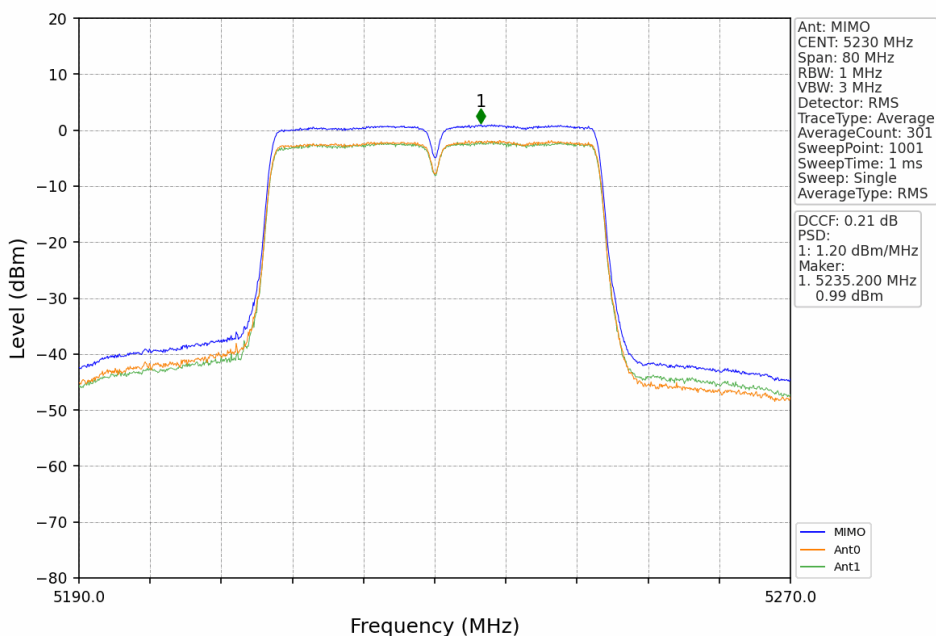


802.11n(HT40)\_HCH\_5230MHz\_Ant1\_NTNV

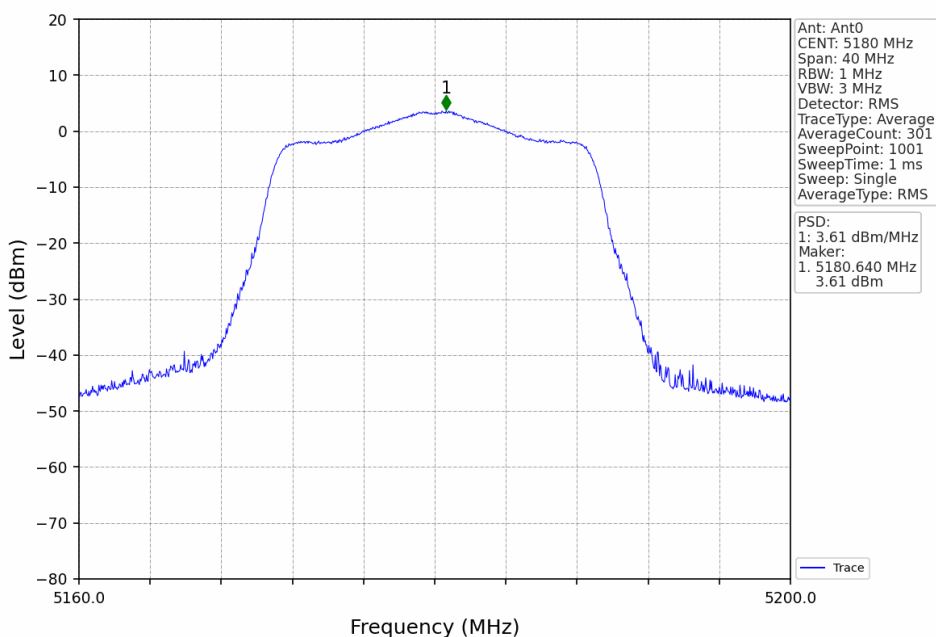




### 802.11n(HT40)\_HCH\_5230MHz\_MIMO\_NTNV



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



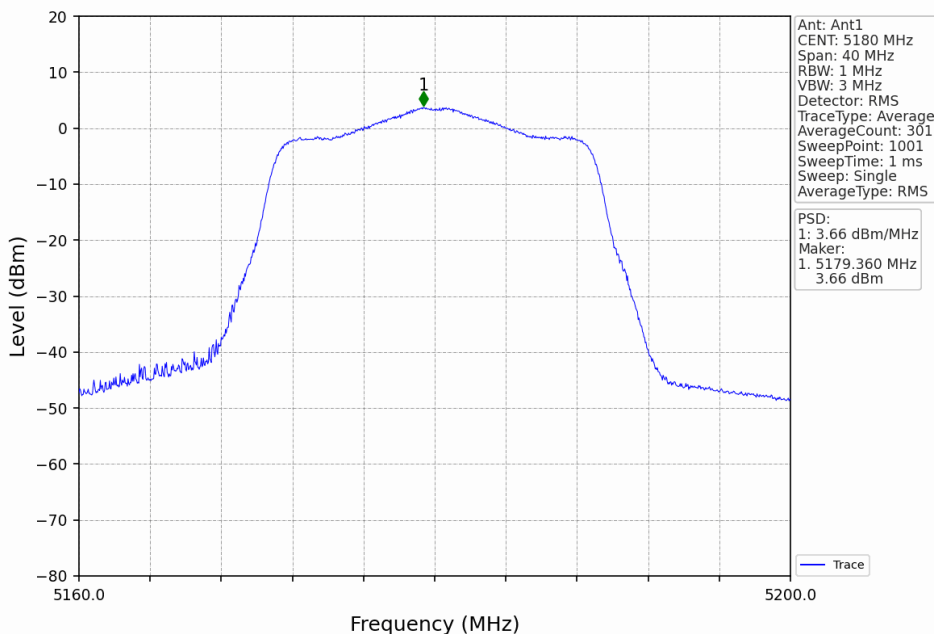
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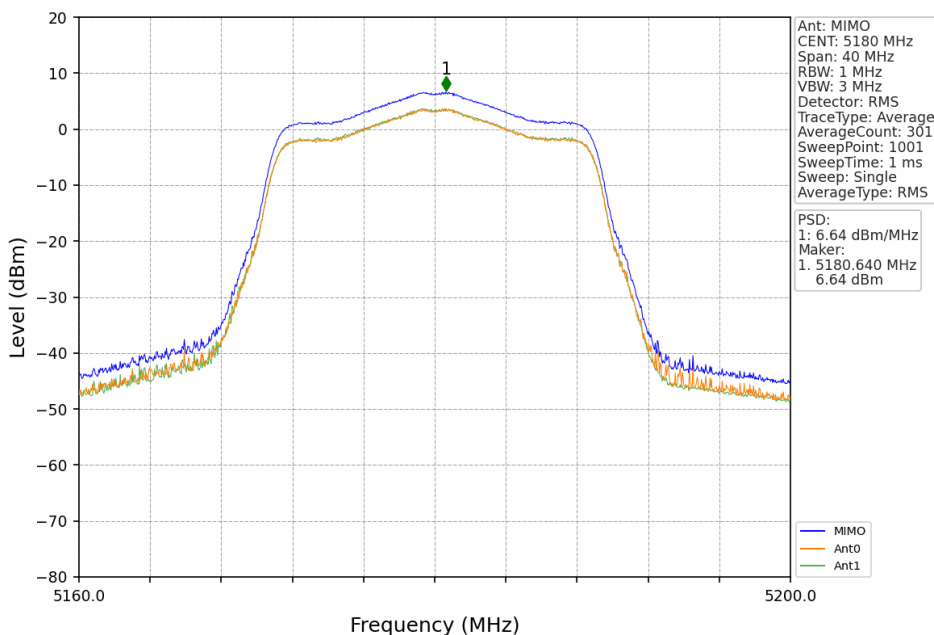
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802.11ac(VHT20)\_LCH\_5180MHz\_Ant1\_NTNV



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



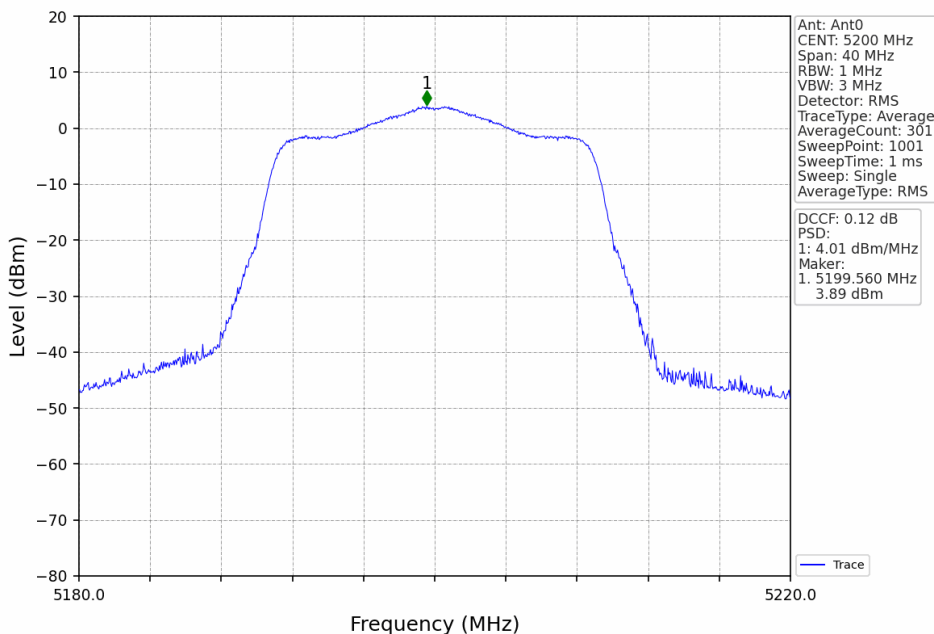
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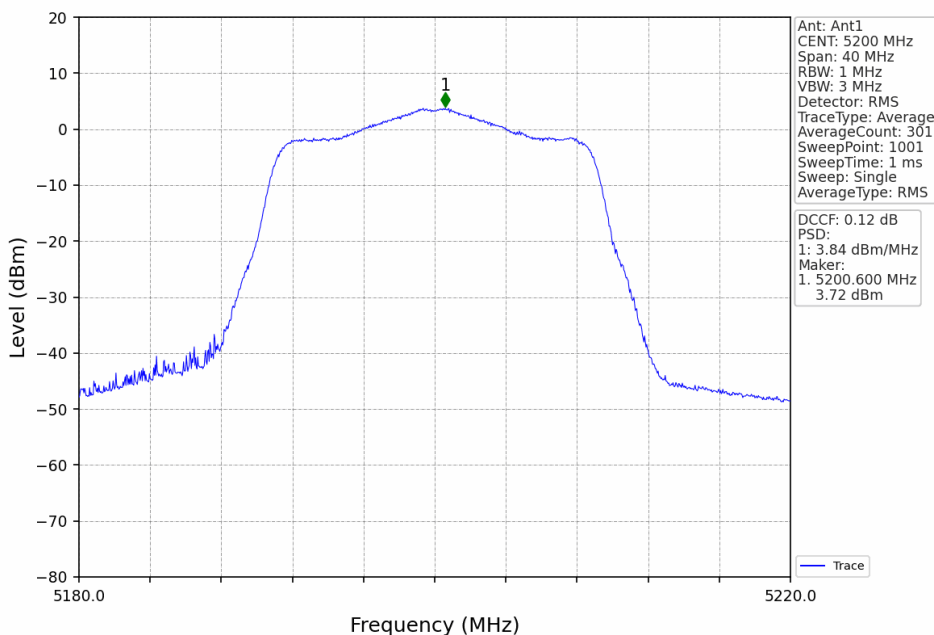
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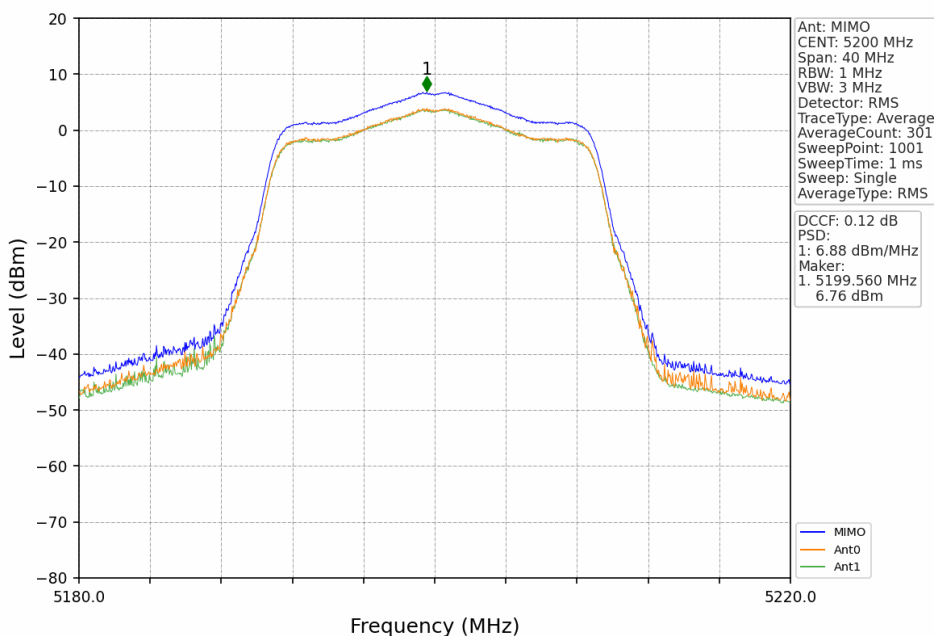
802.11ac(VHT20)\_MCH\_5200MHz\_Ant0\_NTNV



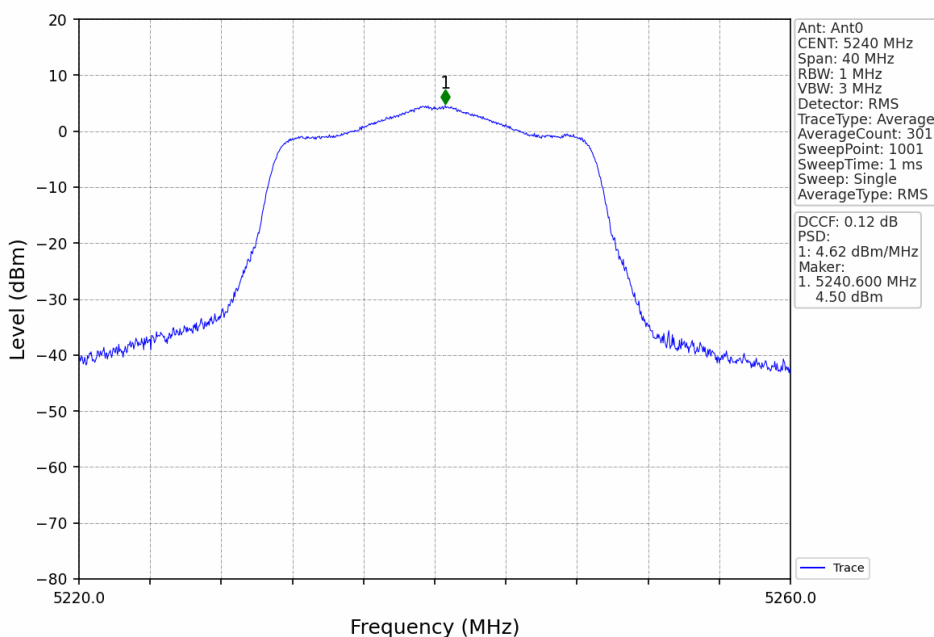
802.11ac(VHT20)\_MCH\_5200MHz\_Ant1\_NTNV



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

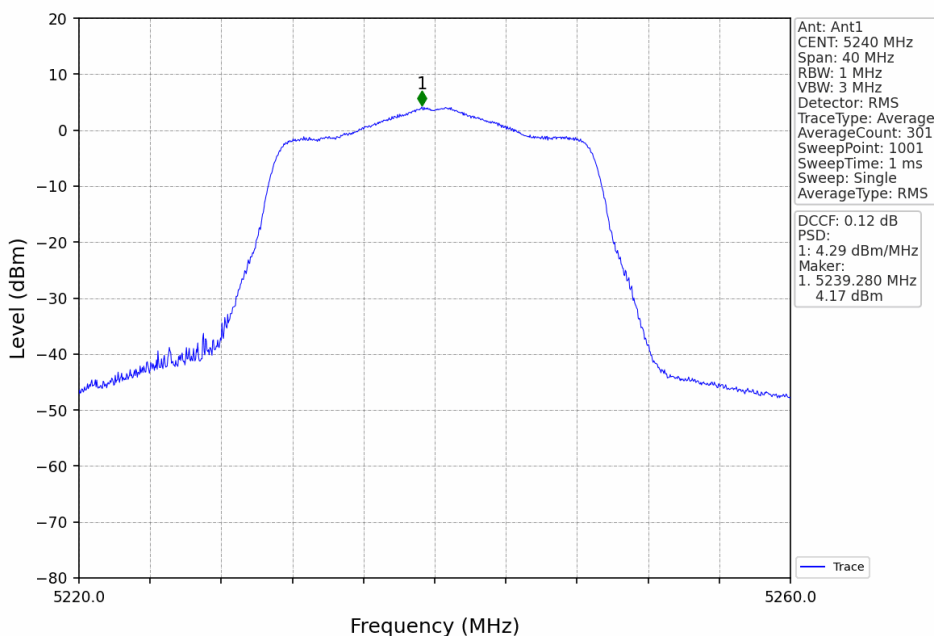


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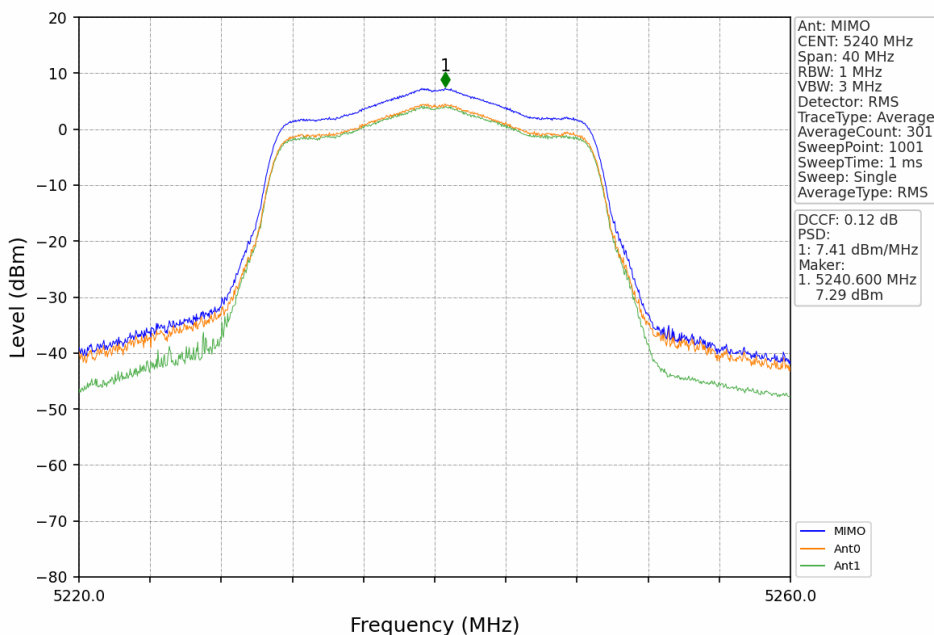




802.11ac(VHT20)\_HCH\_5240MHz\_Ant1\_NTNV



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



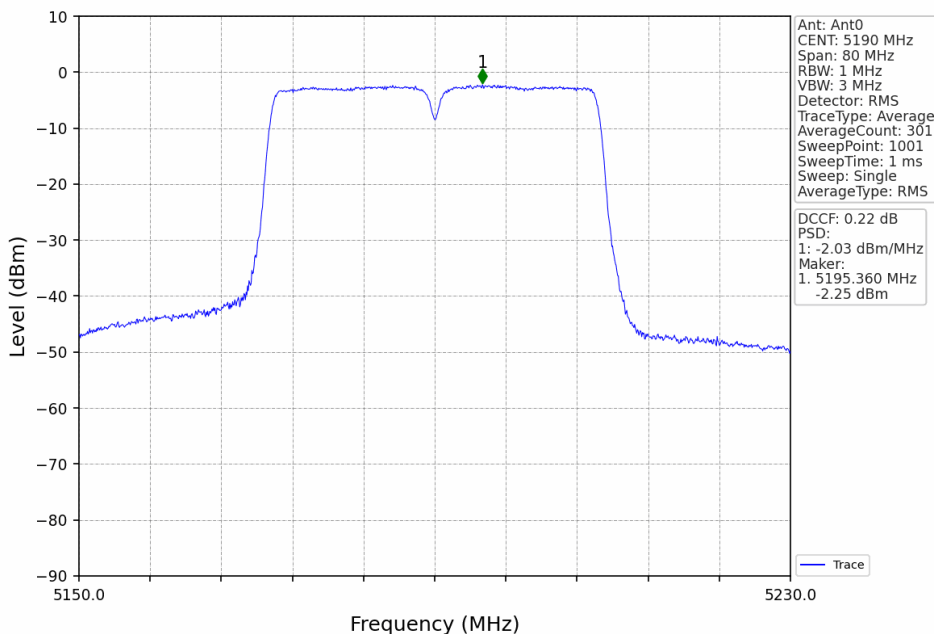
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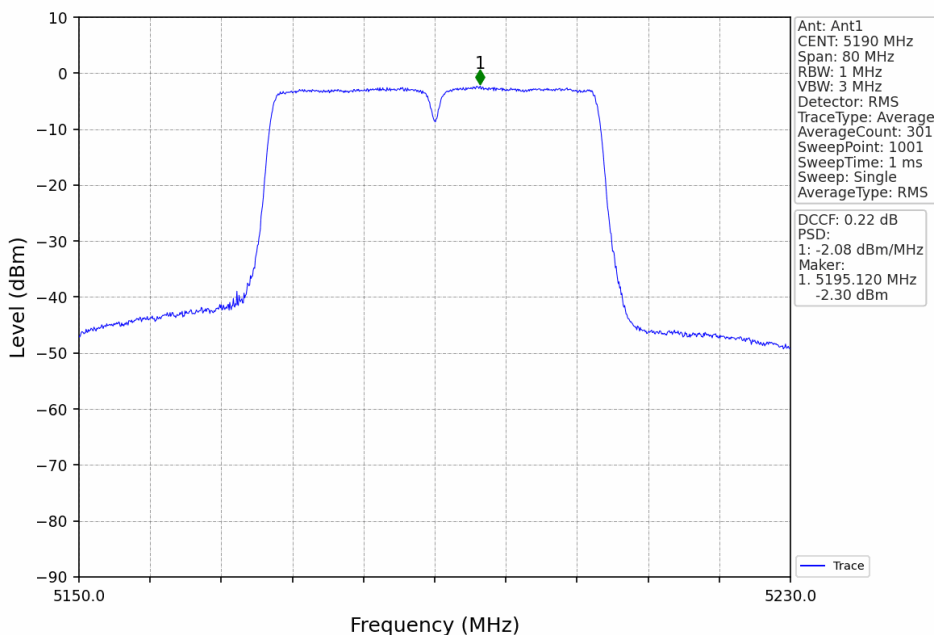
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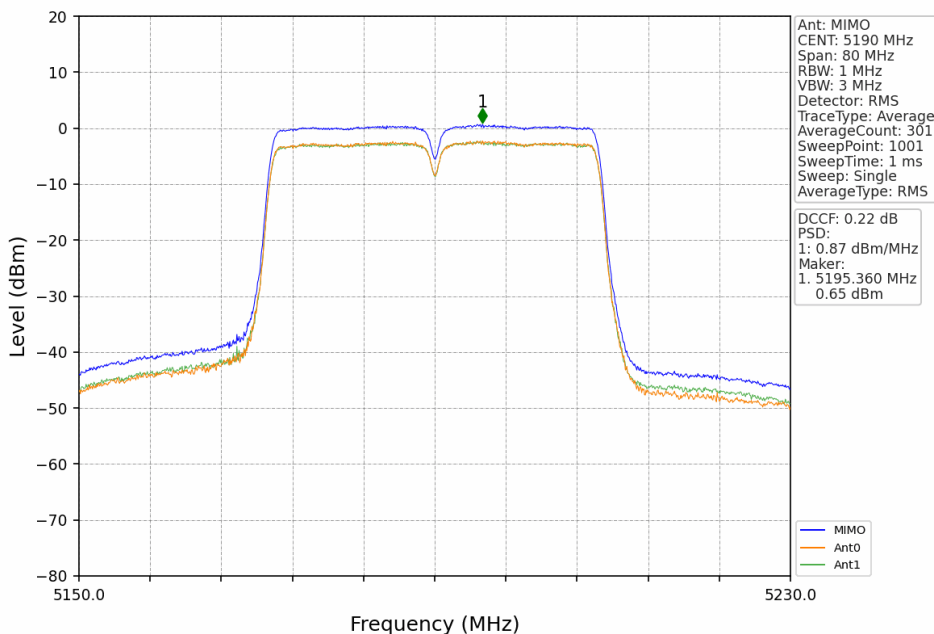
802.11ac(VHT40)\_LCH\_5190MHz\_Ant0\_NTNV



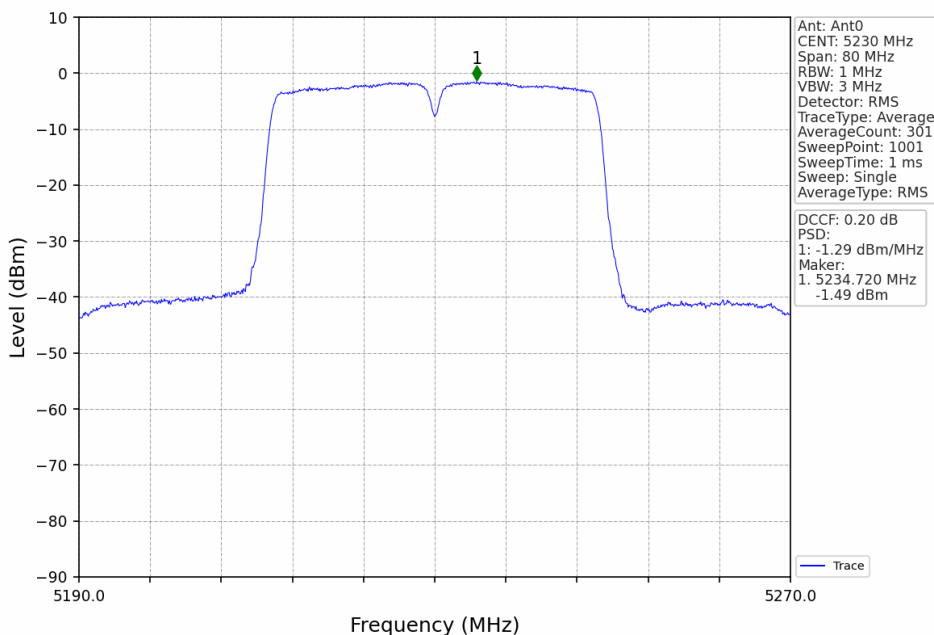
802.11ac(VHT40)\_LCH\_5190MHz\_Ant1\_NTNV



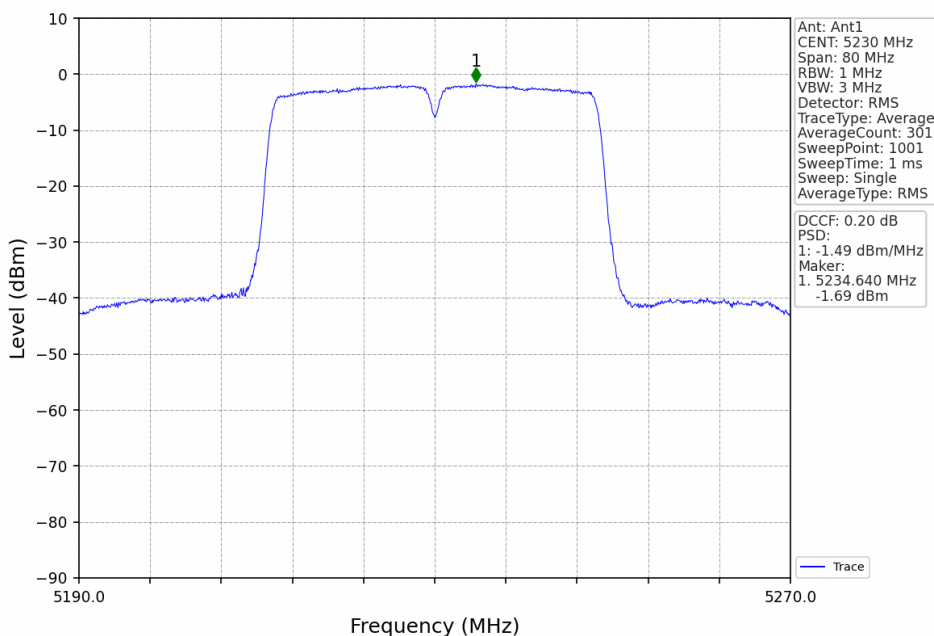
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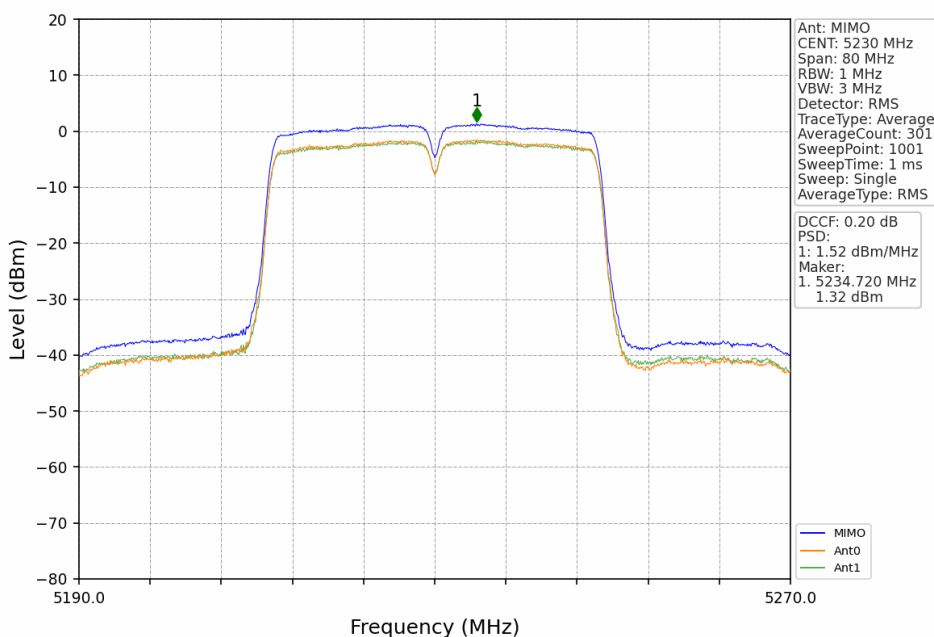
### 802.11ac(VHT40)\_HCH\_5230MHz\_Ant0\_NTNV



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

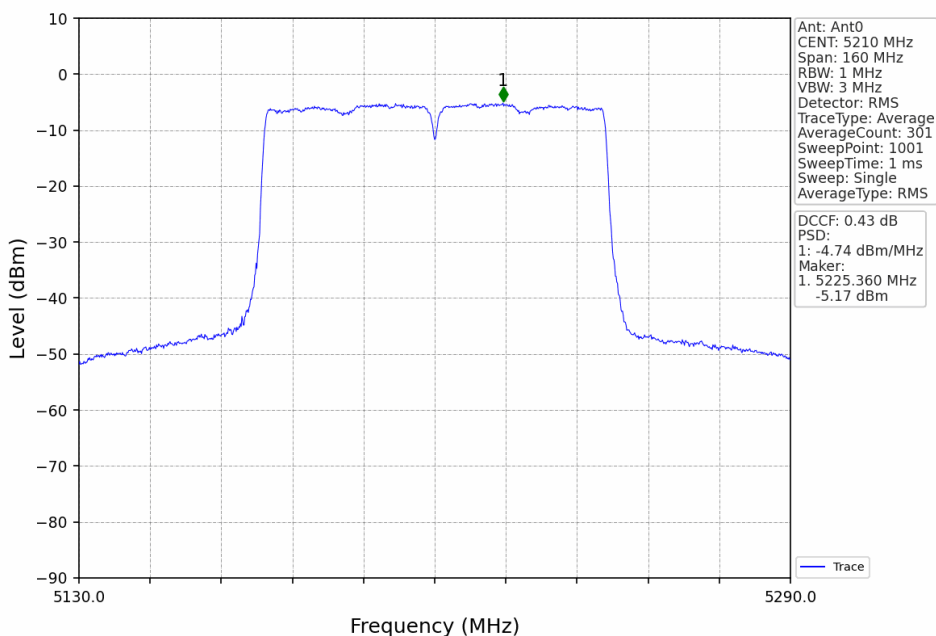


802.11ac(VHT40)\_HCH\_5230MHz\_MIMO\_NTNV

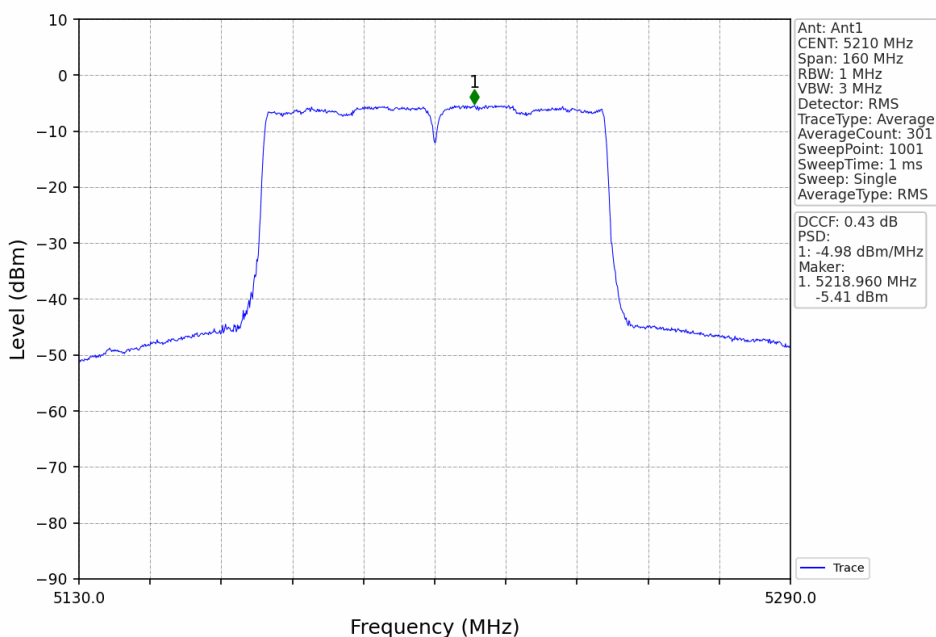




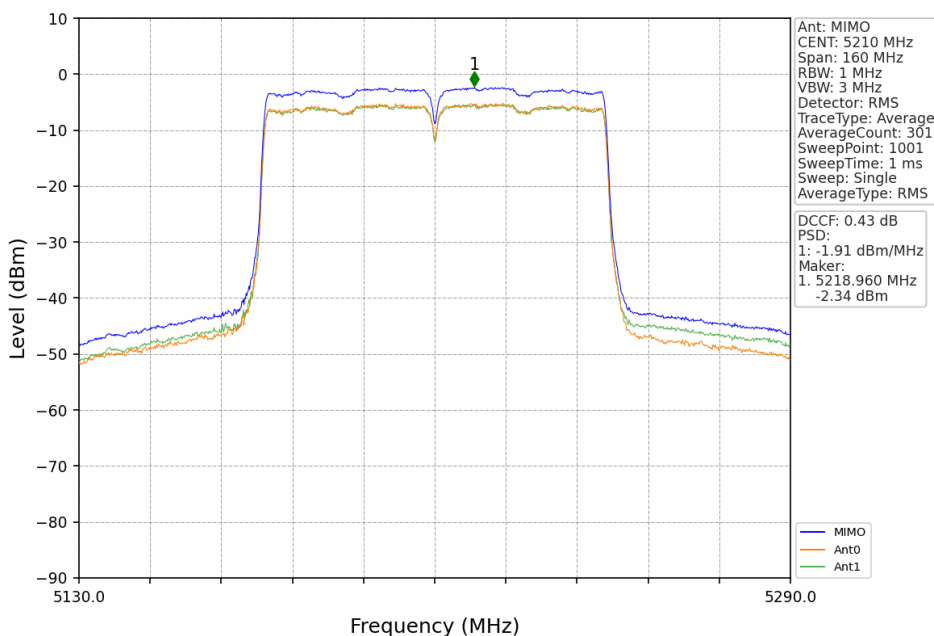
802.11ac(VHT80)\_MCH\_5210MHz\_Ant0\_NTNV



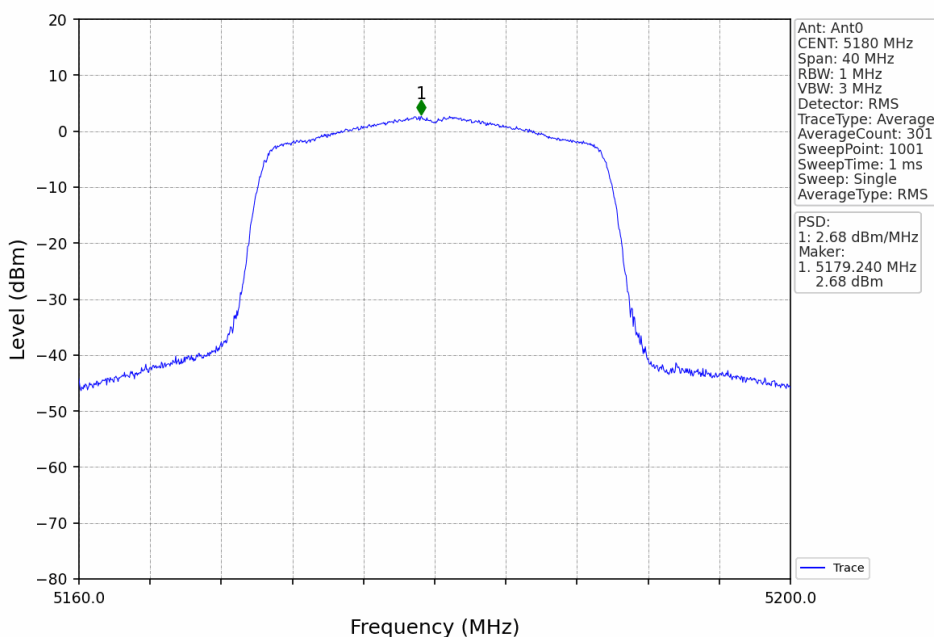
802.11ac(VHT80)\_MCH\_5210MHz\_Ant1\_NTNV



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



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

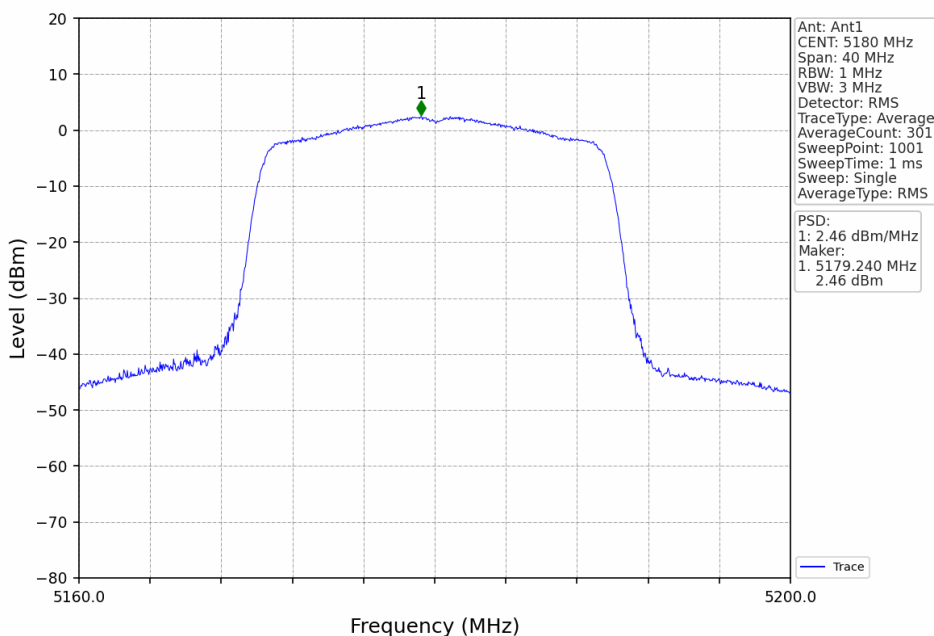


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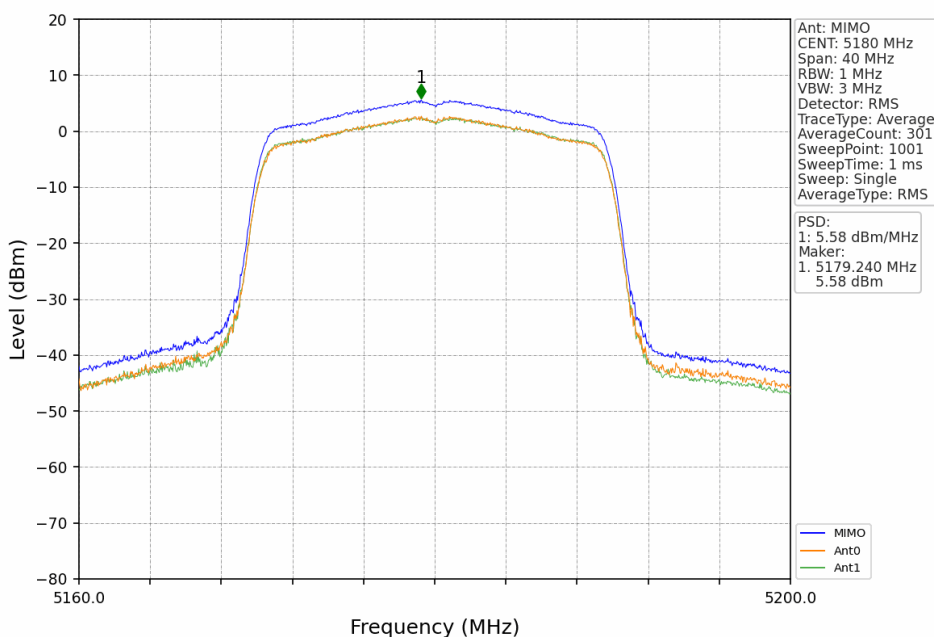
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802.11ax(HEW20)\_LCH\_5180MHz\_RU242\_Left\_Ant1\_NTNV



802.11ax(HEW20)\_LCH\_5180MHz\_RU242\_Left\_MIMO\_NTNV



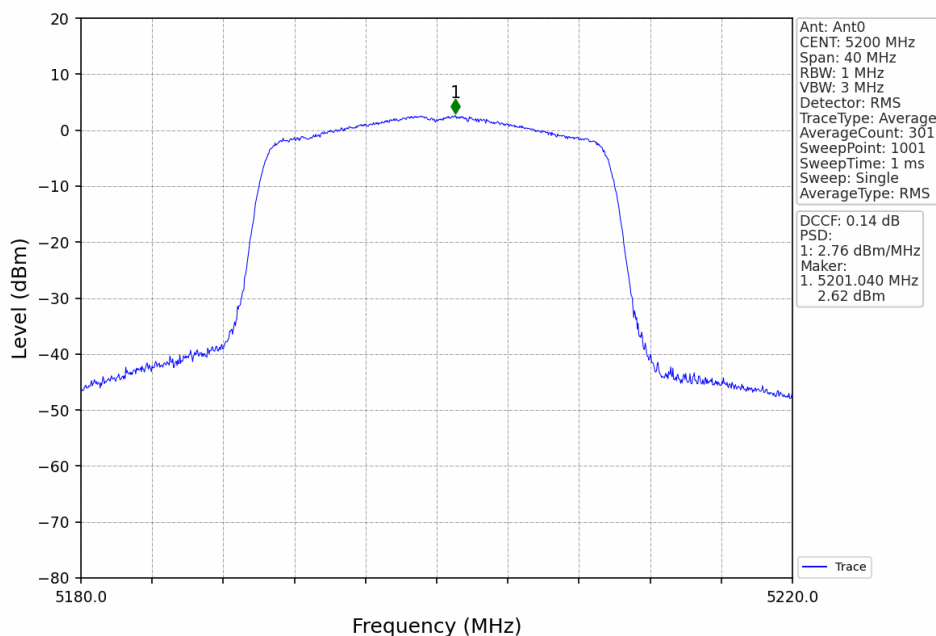
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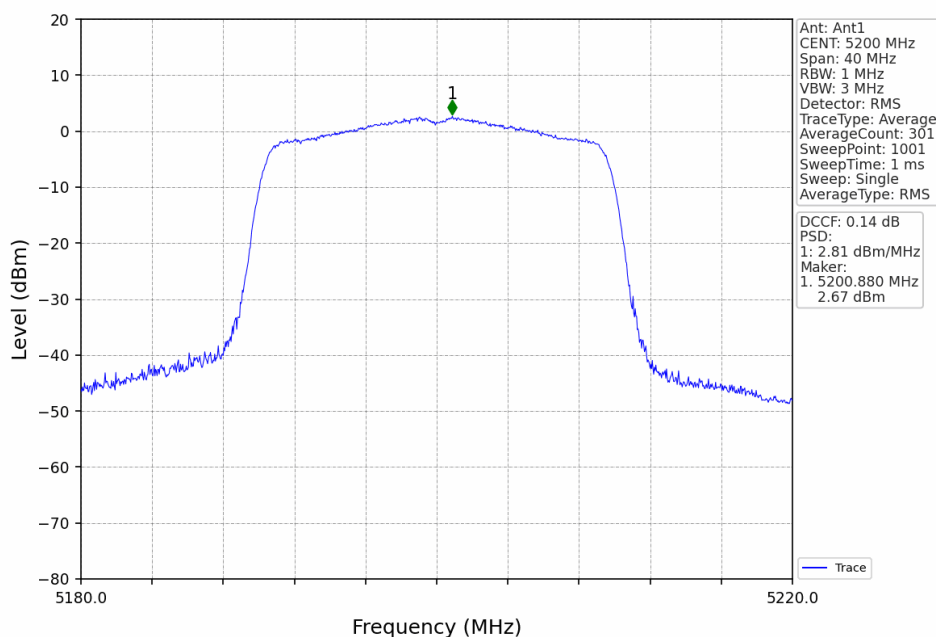
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802.11ax(HEW20)\_MCH\_5200MHz\_RU242\_Left\_Ant0\_NTNV

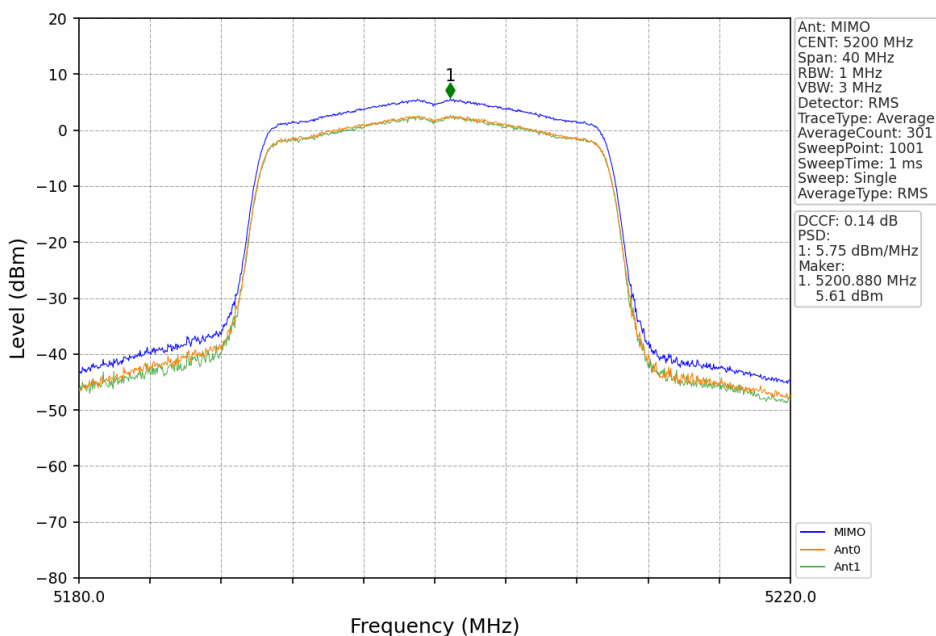


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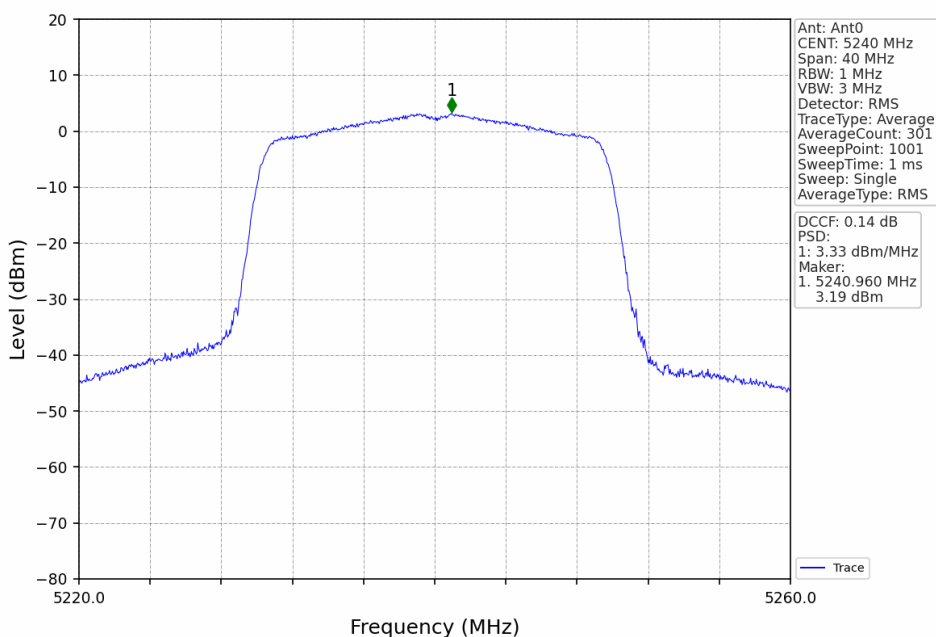




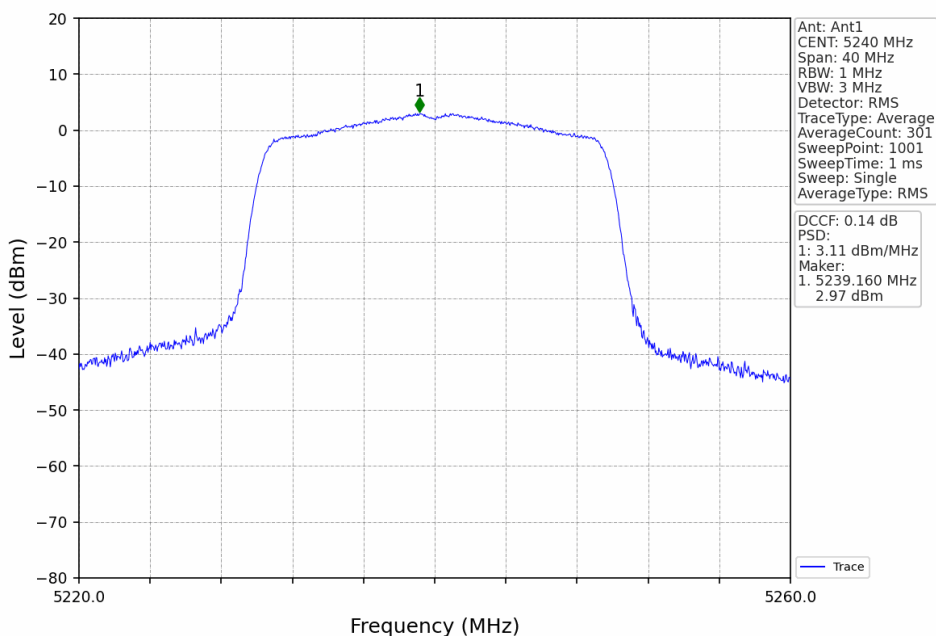
802.11ax(HEW20)\_MCH\_5200MHz\_RU242\_Left\_MIMO\_NTNV



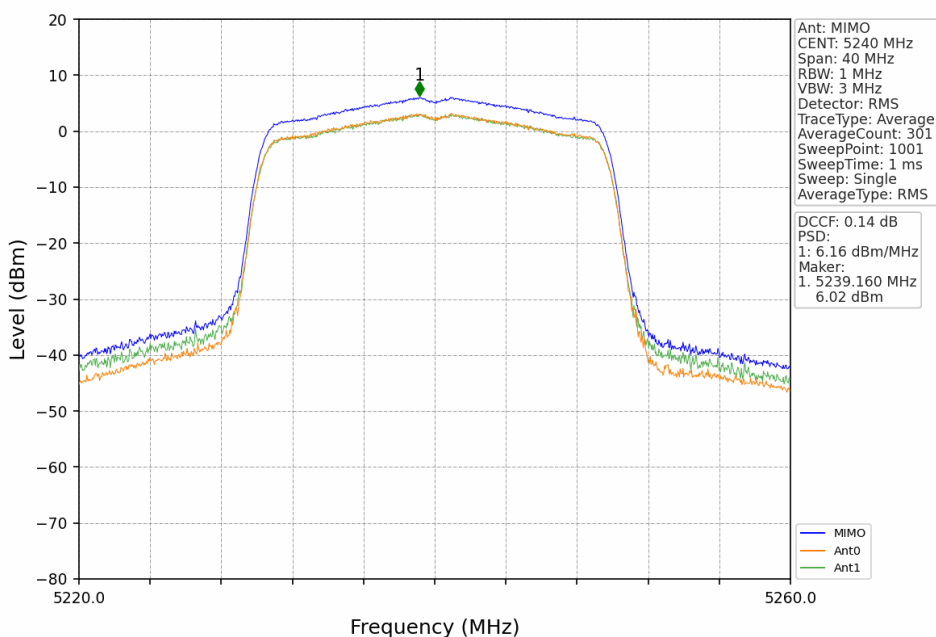
802.11ax(HEW20)\_HCH\_5240MHz\_RU242\_Left\_Ant0\_NTNV



802.11ax(HEW20)\_HCH\_5240MHz\_RU242\_Left\_Ant1\_NTNV



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



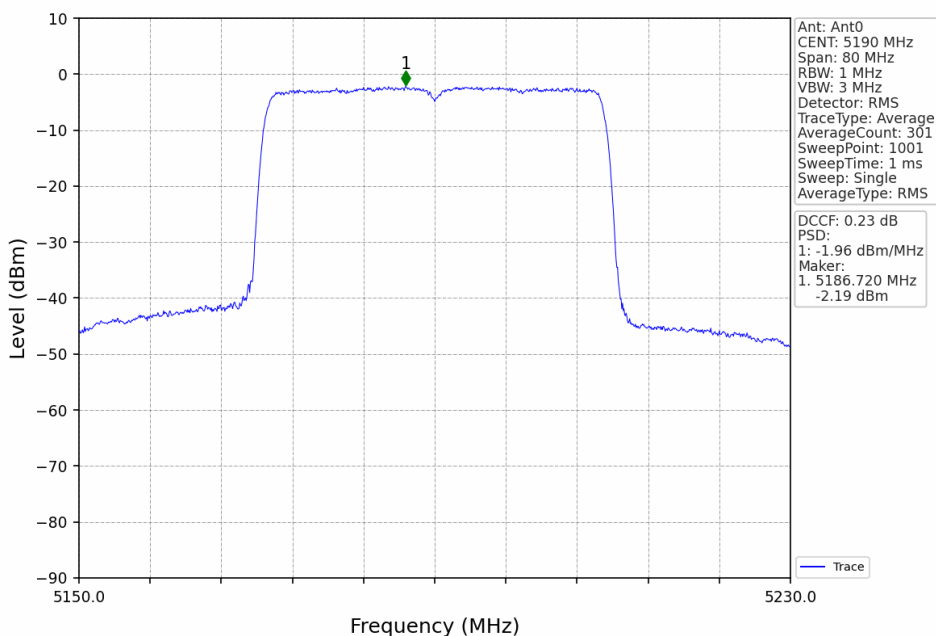
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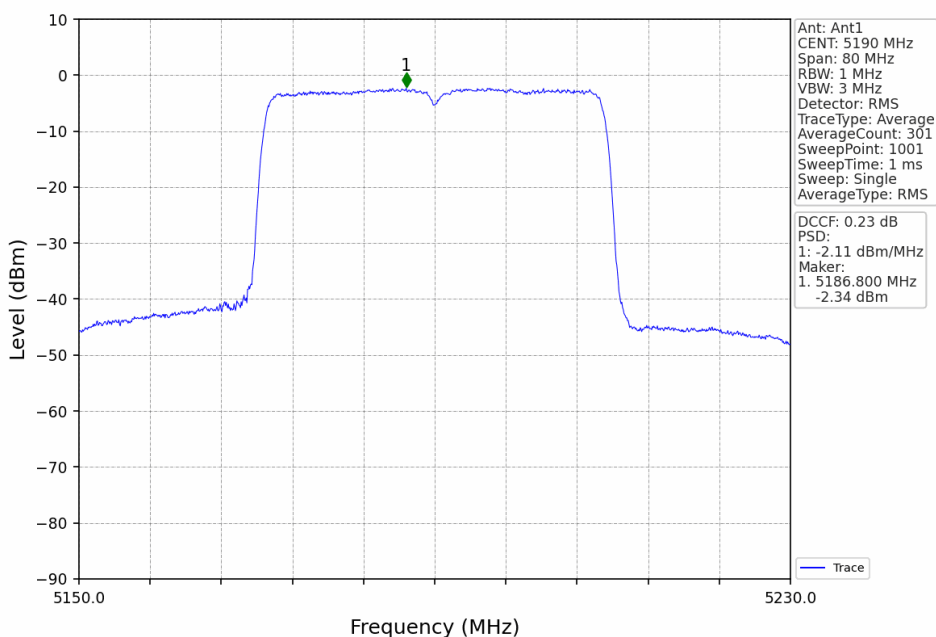
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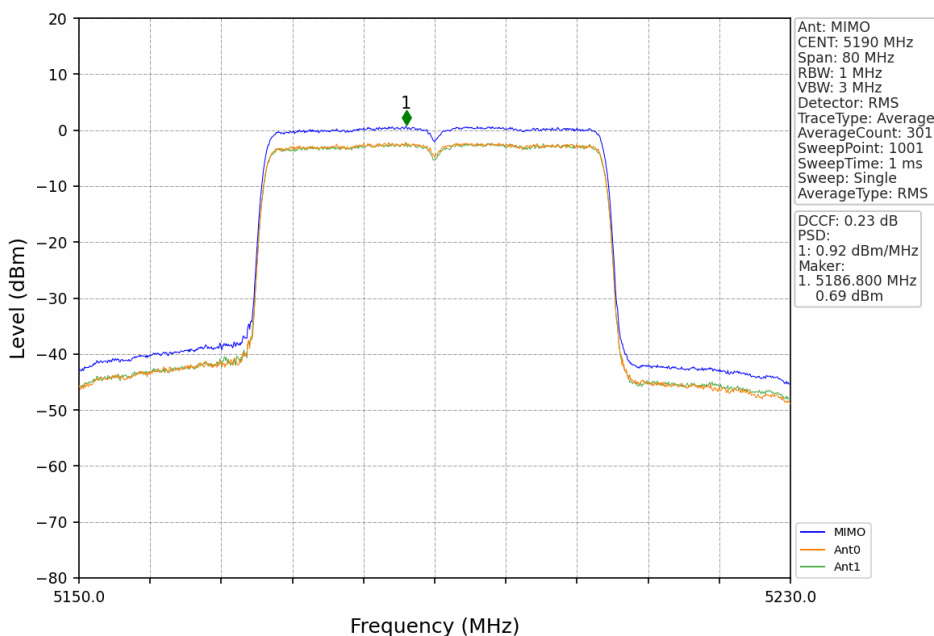
802.11ax(HEW40)\_LCH\_5190MHz\_RU484\_Left\_Ant0\_NTNV



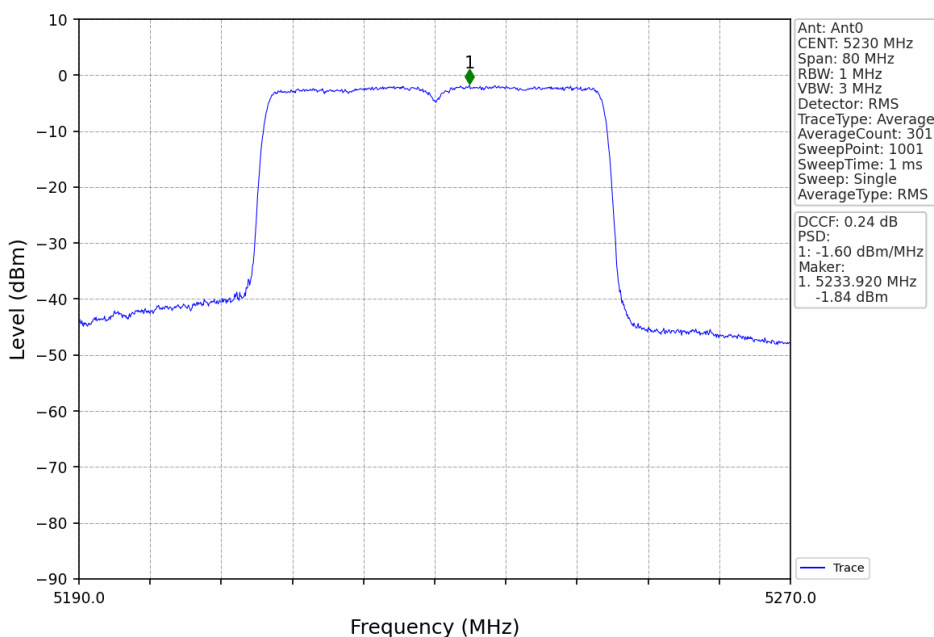
802.11ax(HEW40)\_LCH\_5190MHz\_RU484\_Left\_Ant1\_NTNV



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

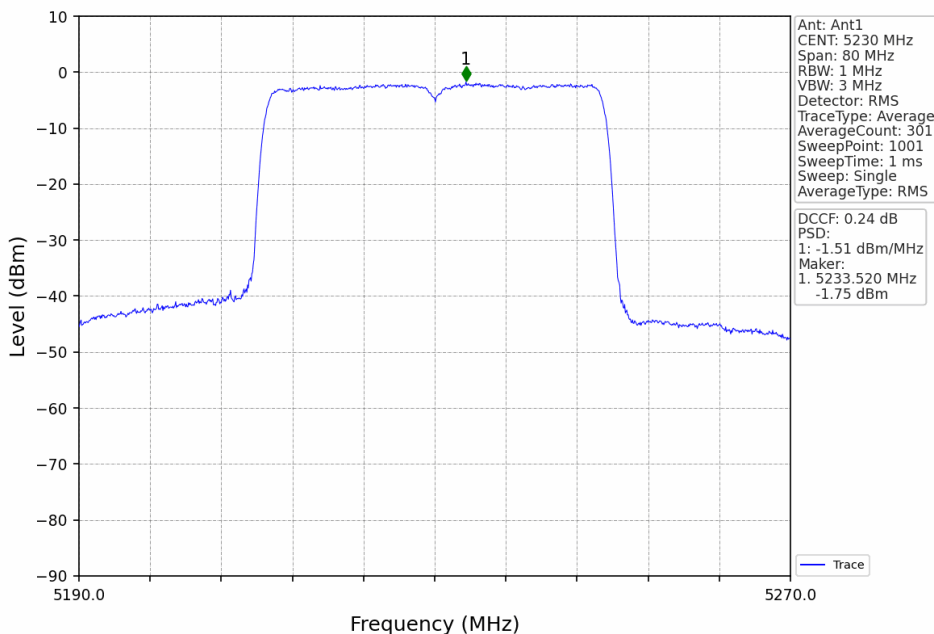


802.11ax(HEW40)\_HCH\_5230MHz\_RU484\_Left\_Ant0\_NTNV

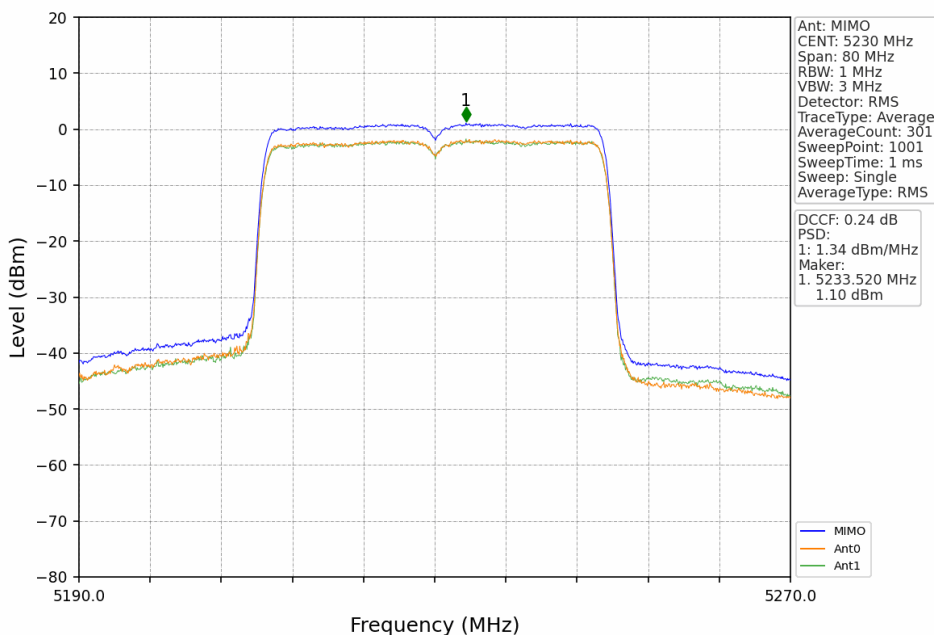




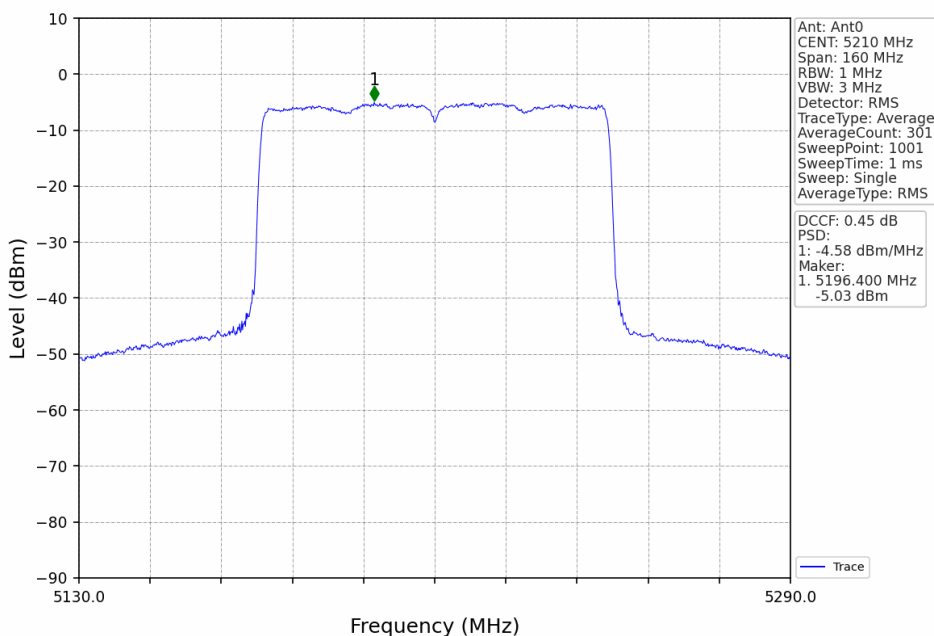
802.11ax(HEW40)\_HCH\_5230MHz\_RU484\_Left\_Ant1\_NTNV



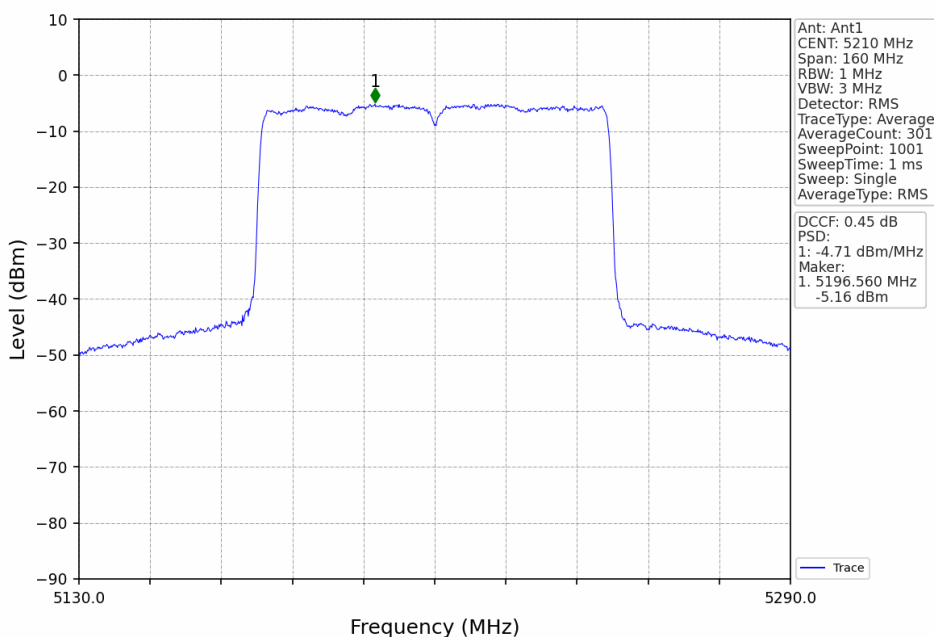
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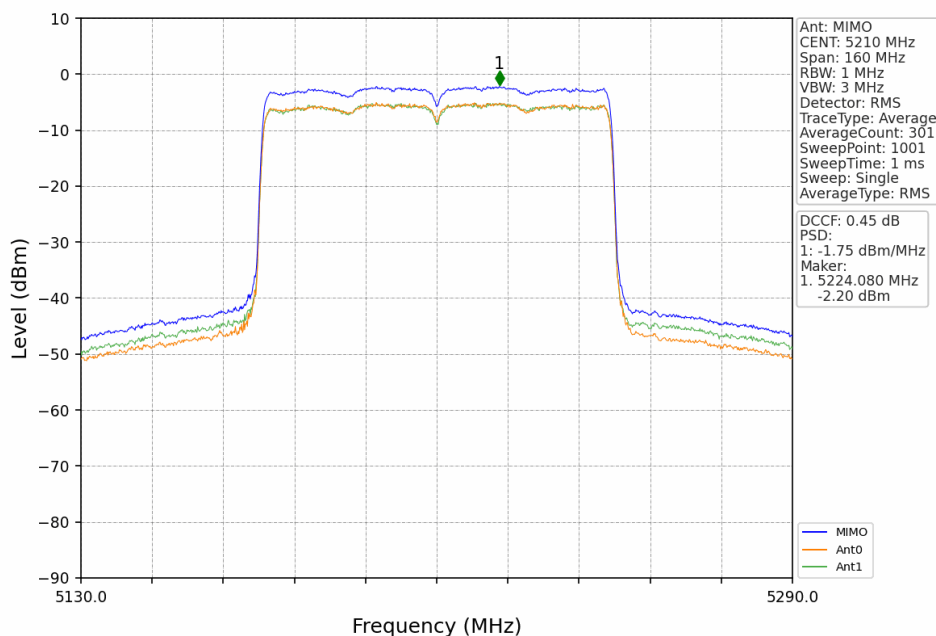
802.11ax(HEW80)\_MCH\_5210MHz\_RU996\_Left\_Ant0\_NTNV



802.11ax(HEW80)\_MCH\_5210MHz\_RU996\_Left\_Ant1\_NTNV



802.11ax(HEW80)\_MCH\_5210MHz\_RU996\_Left\_MIMO\_NTNV



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SZEMC-TRF-01 Rev. A/1

Report No.: SZCR240400113805

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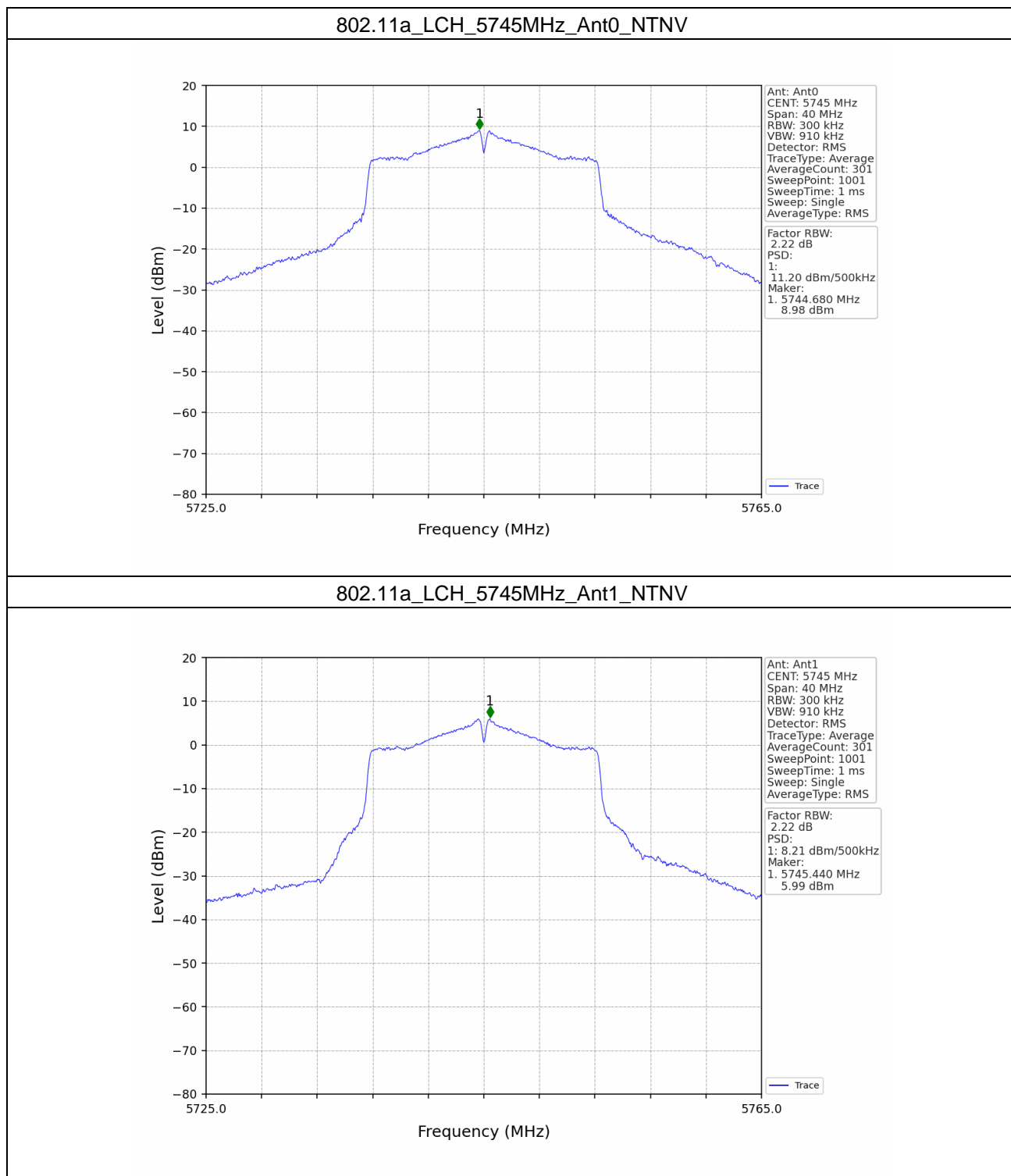
### 4.2 PSD-Band3

#### 4.2.1 Test Result

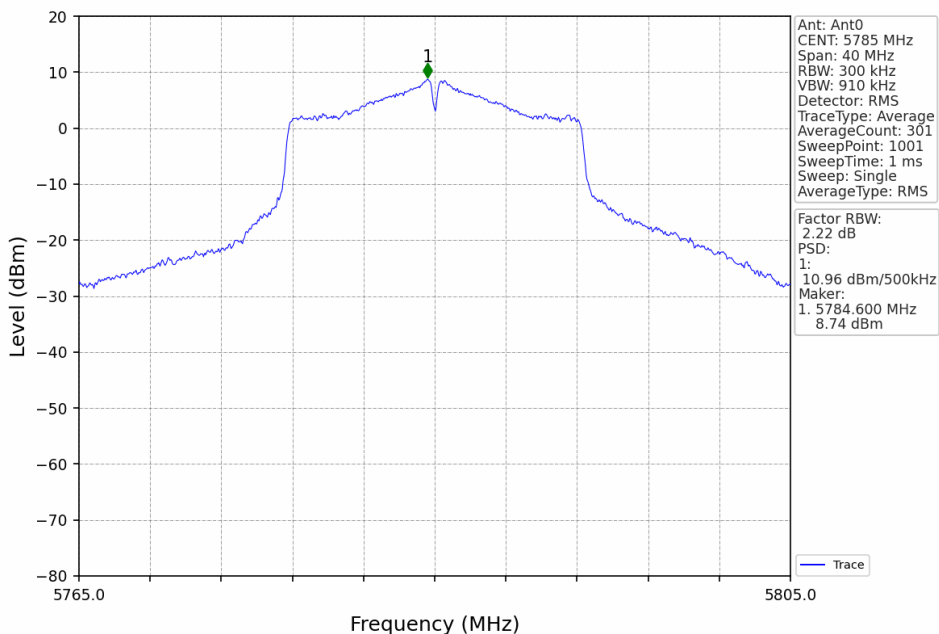
Mode	TX Type	Frequency (MHz)	RU	RU Pos	Maximum PSD (dBm/500kHz)				Verdict
					ANT0	ANT1	MIMO	Limit	
802.11a	SISO	5745	/	/	11.20	8.21	/	<=30	Pass
		5785	/	/	10.96	7.88	/	<=30	Pass
		5825	/	/	11.07	8.07	/	<=30	Pass
802.11n (HT20)	MIMO	5745	/	/	6.06	4.87	8.47	<=30	Pass
		5785	/	/	5.85	4.67	8.31	<=30	Pass
		5825	/	/	6.97	6.17	9.54	<=30	Pass
802.11n (HT40)	MIMO	5755	/	/	1.90	1.40	4.51	<=30	Pass
		5795	/	/	1.36	0.63	3.92	<=30	Pass
802.11ac (VHT20)	MIMO	5745	/	/	6.93	5.88	9.37	<=30	Pass
		5785	/	/	6.59	5.58	9.11	<=30	Pass
		5825	/	/	6.85	6.38	9.54	<=30	Pass
802.11ac (VHT40)	MIMO	5755	/	/	0.56	-0.32	3.11	<=30	Pass
		5795	/	/	0.75	0.18	3.46	<=30	Pass
802.11ac (VHT80)	MIMO	5775	/	/	-1.91	-2.63	0.56	<=30	Pass
802.11ax (HEW20)	MIMO	5745	RU242	Left	5.02	3.93	7.34	<=30	Pass
		5785	RU242	Left	4.71	3.88	7.14	<=30	Pass
		5825	RU242	Left	4.92	4.35	7.48	<=30	Pass
802.11ax (HEW40)	MIMO	5755	RU484	Left	0.53	0.07	3.04	<=30	Pass
		5795	RU484	Left	0.77	0.47	3.58	<=30	Pass
802.11ax (HEW80)	MIMO	5775	RU996	Left	-2.22	-2.57	0.52	<=30	Pass



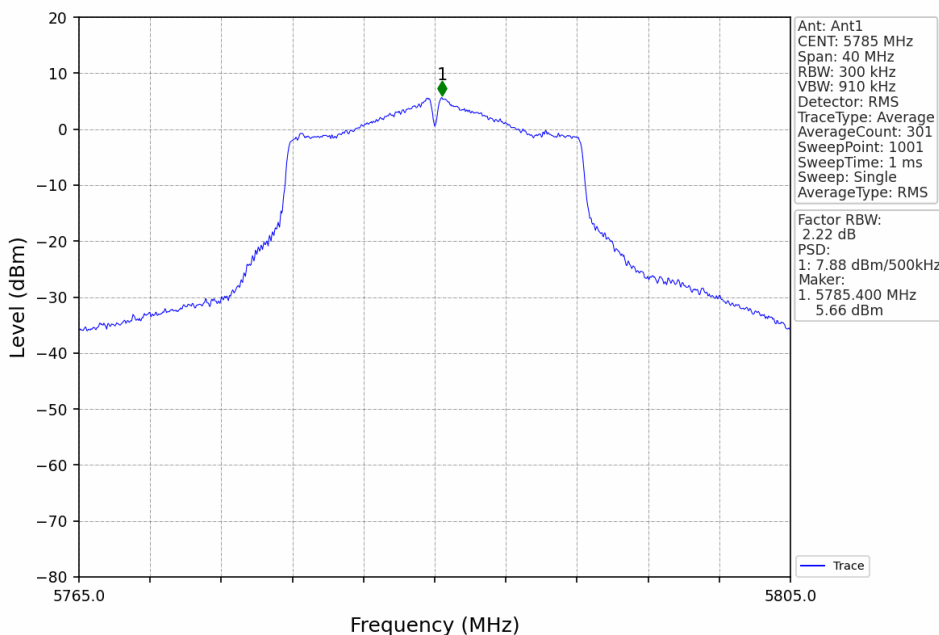
### 4.2.2 Test Graph



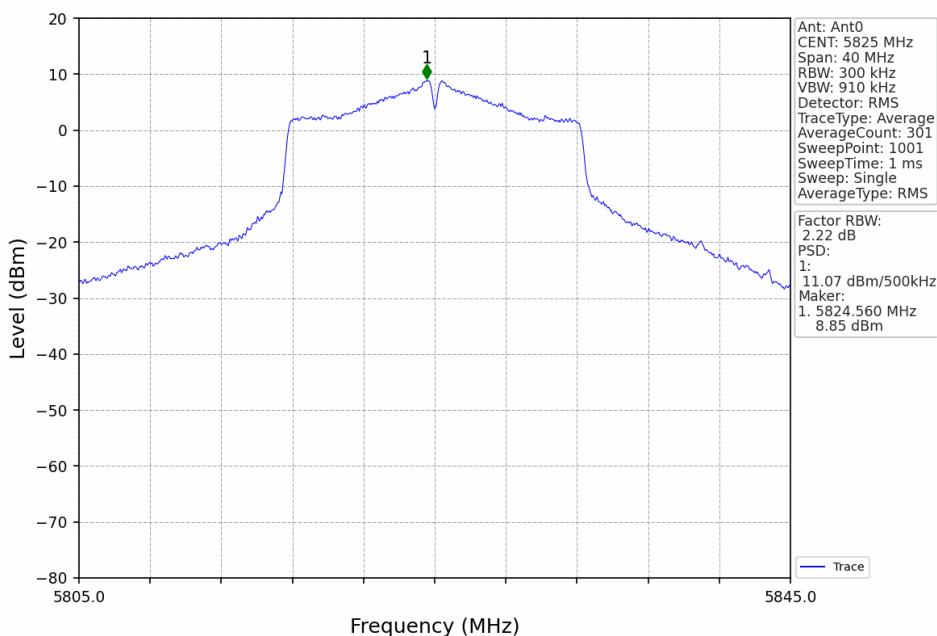
802.11a\_MCH\_5785MHz\_Ant0\_NTNV



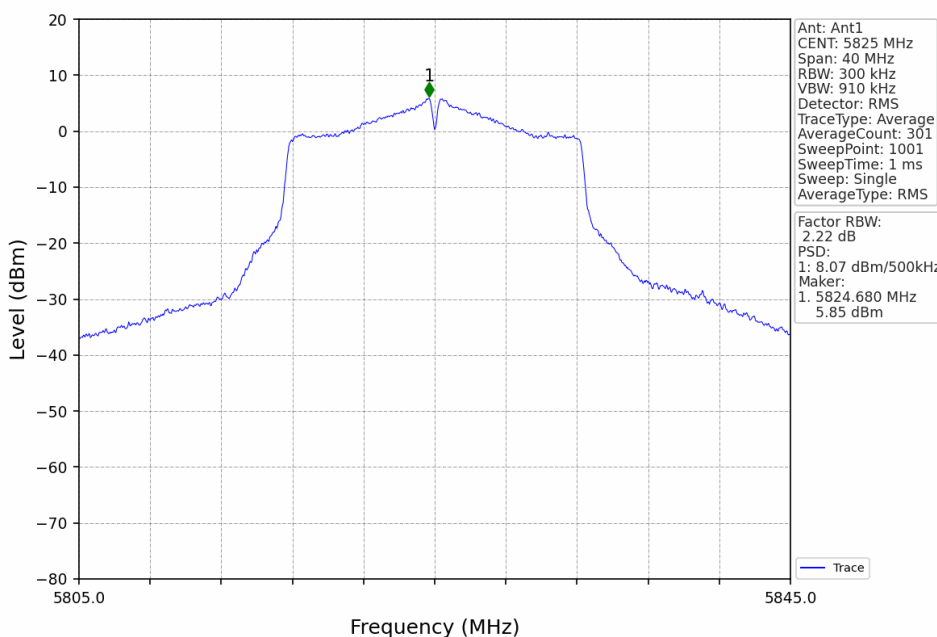
802.11a\_MCH\_5785MHz\_Ant1\_NTNV



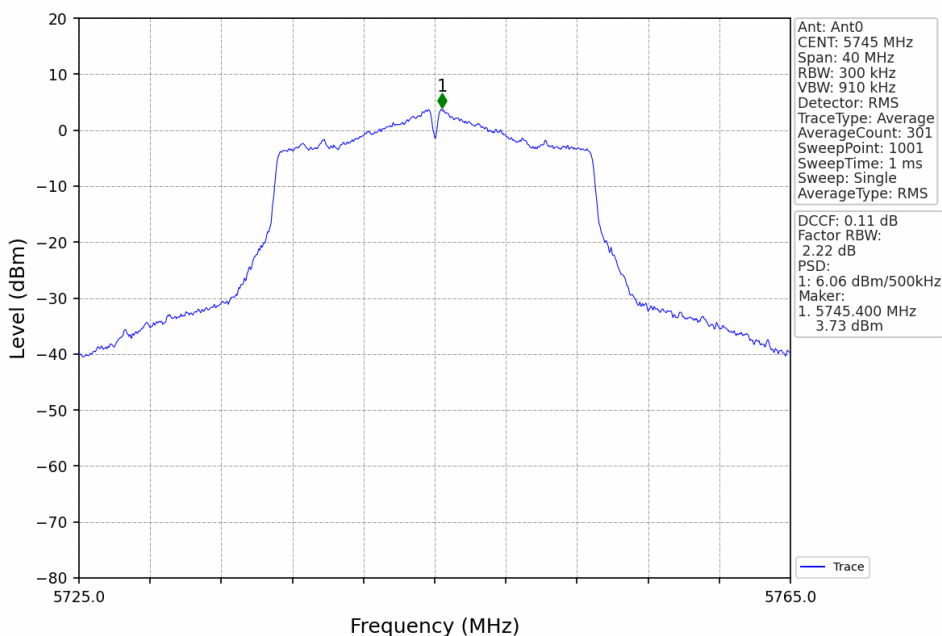
802.11a\_HCH\_5825MHz\_Ant0\_NTNV



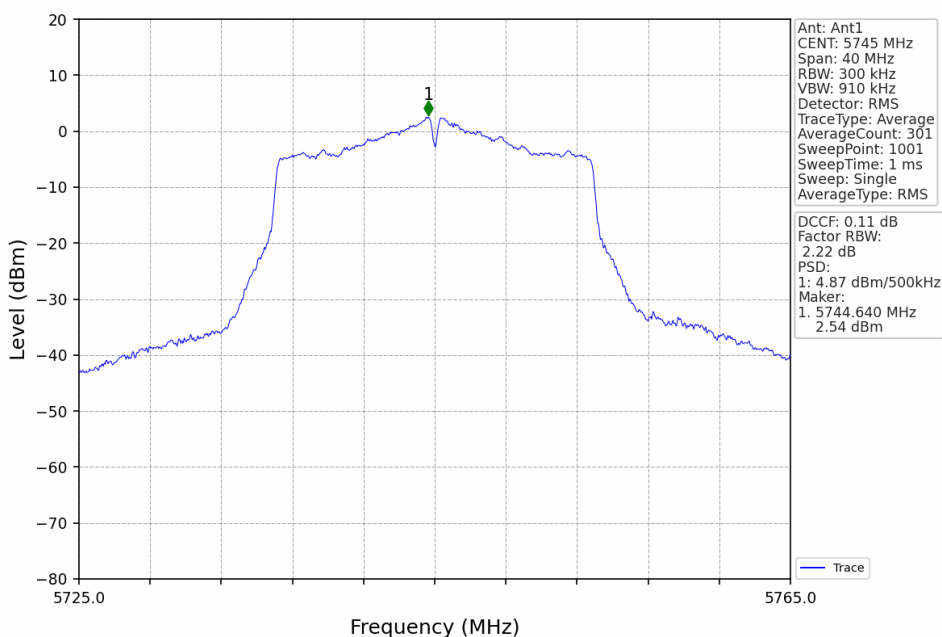
802.11a\_HCH\_5825MHz\_Ant1\_NTNV



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



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



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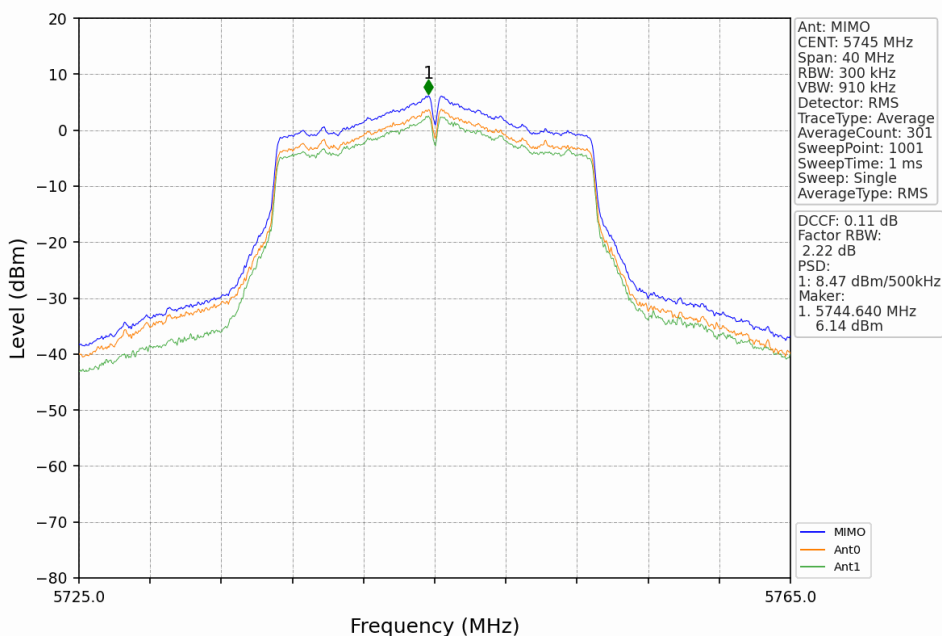
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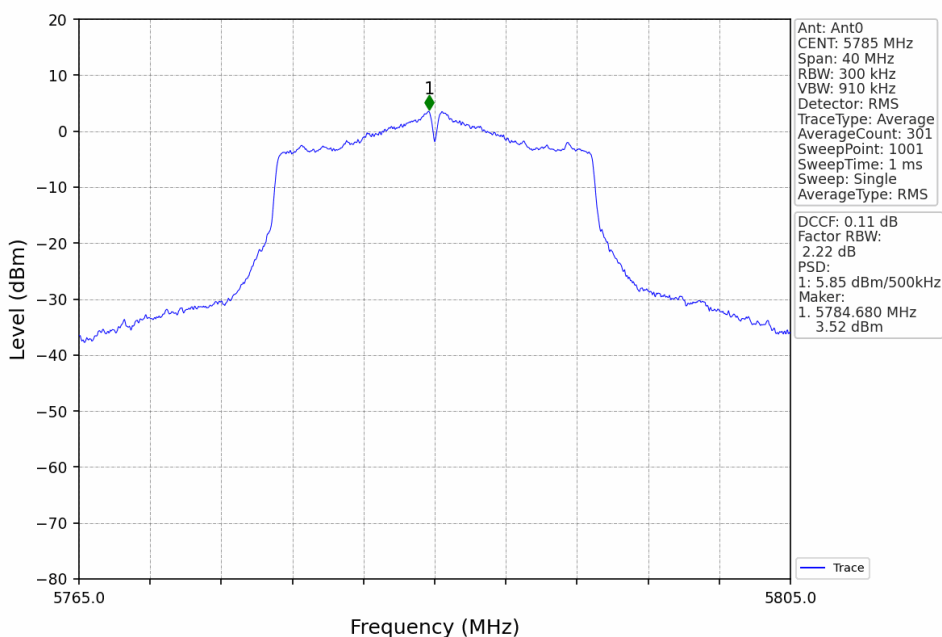
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### 802.11n(HT20)\_LCH\_5745MHz\_MIMO\_NTNV



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



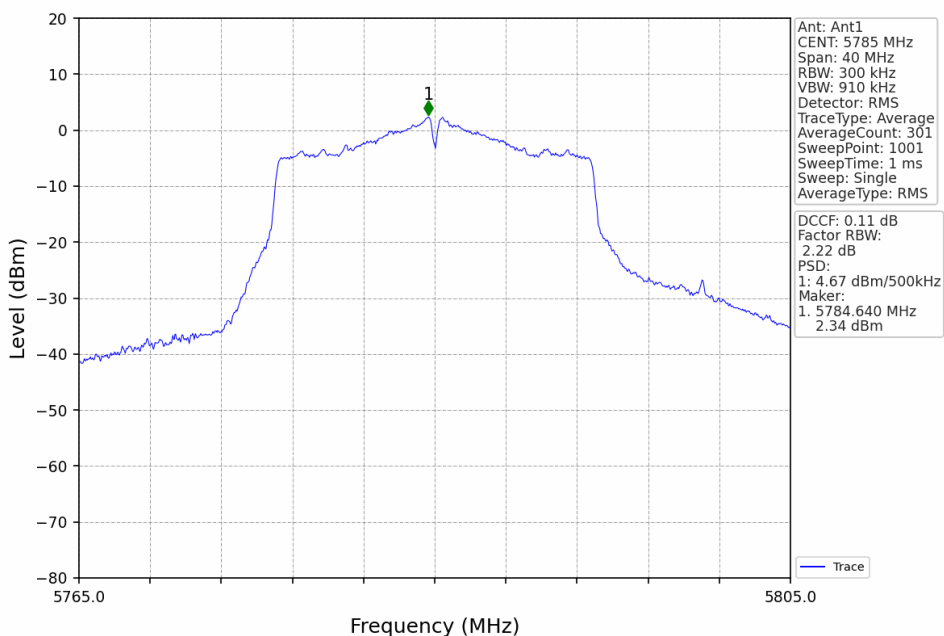
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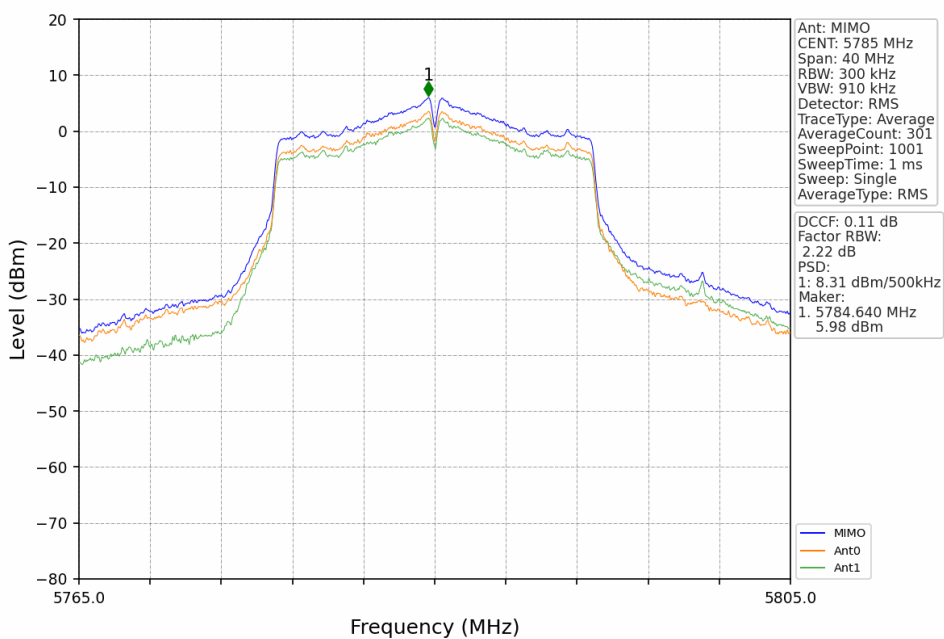
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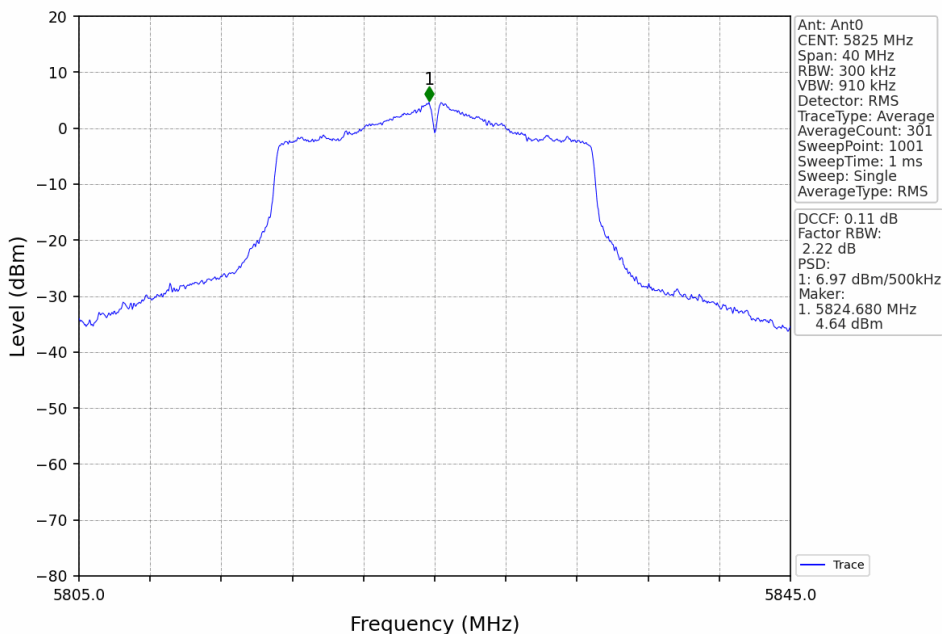
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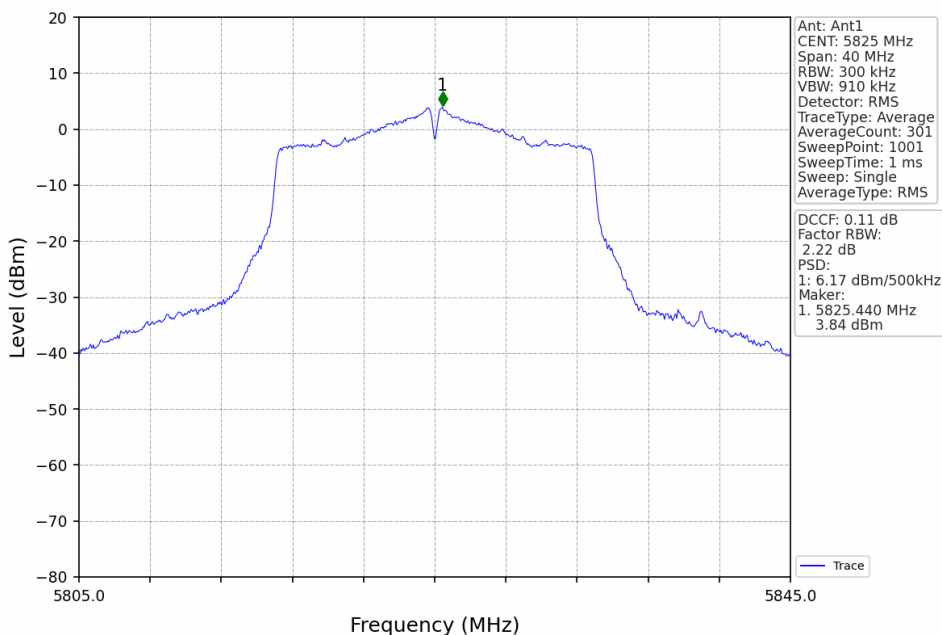
802.11n(HT20)\_MCH\_5785MHz\_MIMO\_NTNV



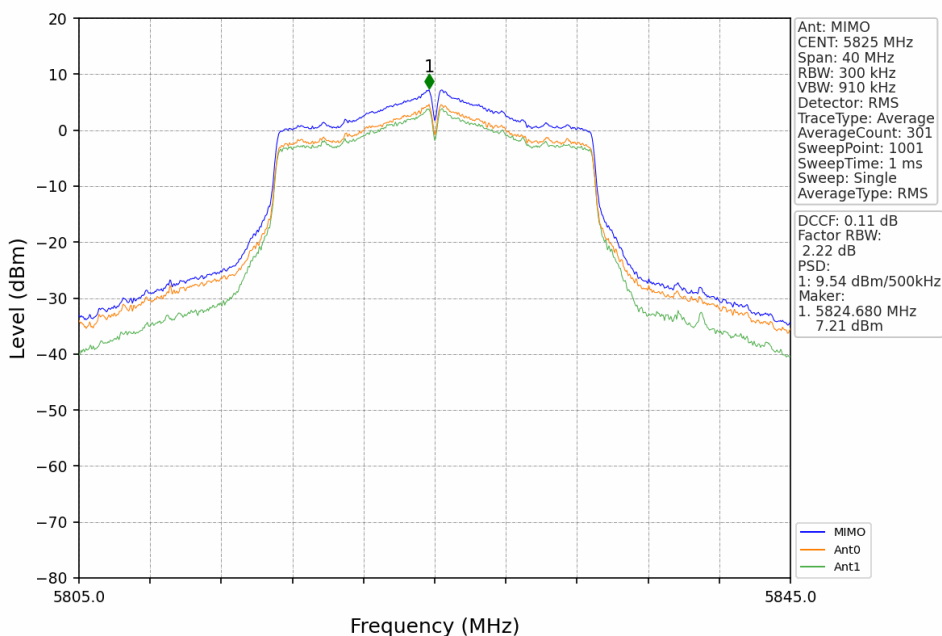
802.11n(HT20)\_HCH\_5825MHz\_Ant0\_NTNV



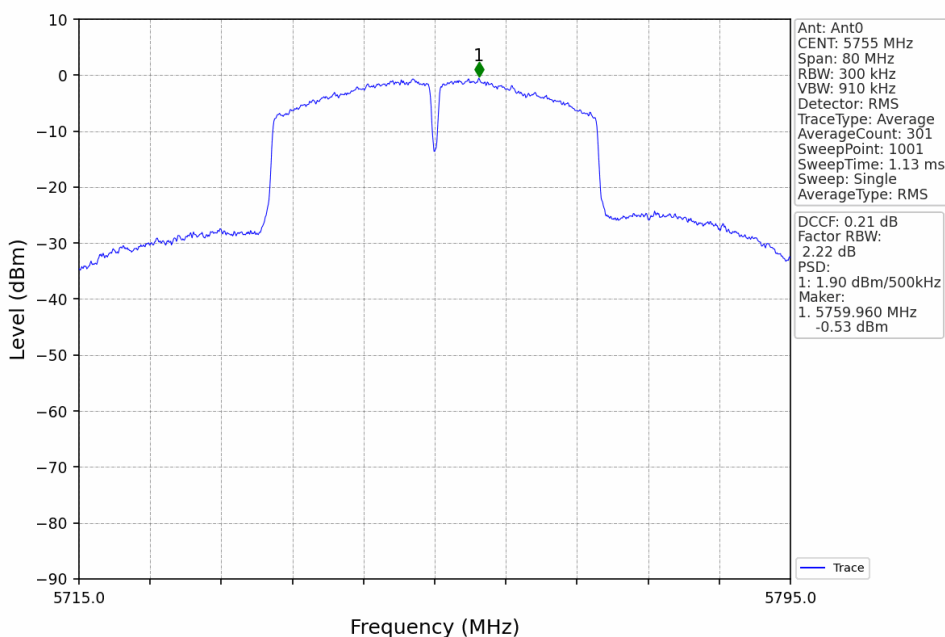
802.11n(HT20)\_HCH\_5825MHz\_Ant1\_NTNV



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

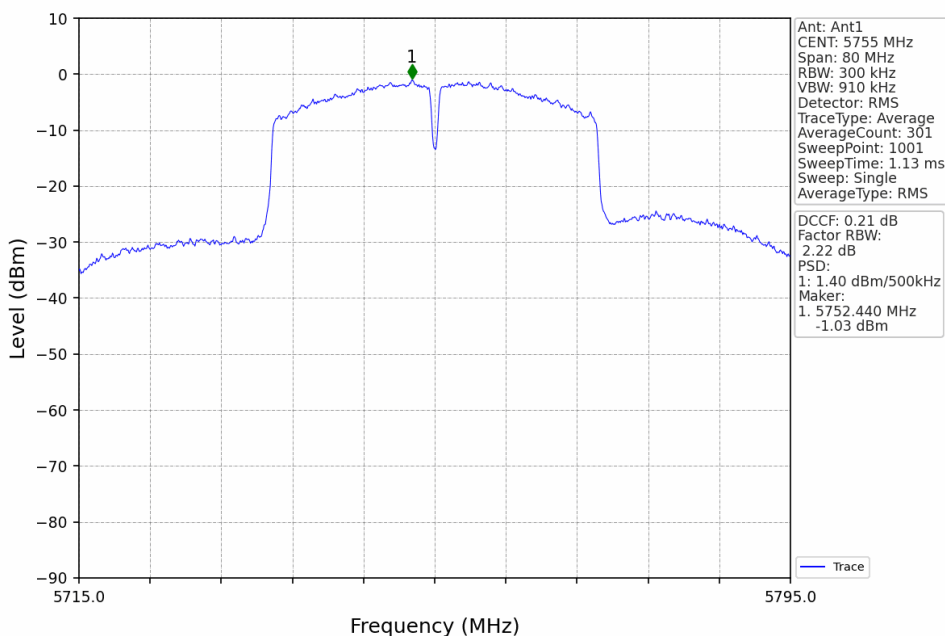


### 802.11n(HT40)\_LCH\_5755MHz\_Ant0\_NTNV

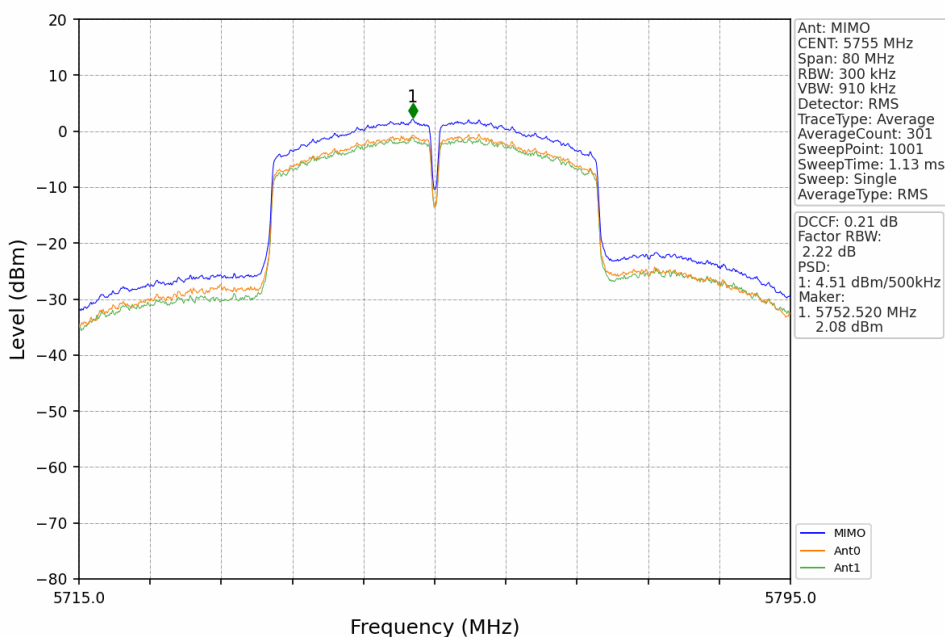




802.11n(HT40)\_LCH\_5755MHz\_Ant1\_NTNV



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



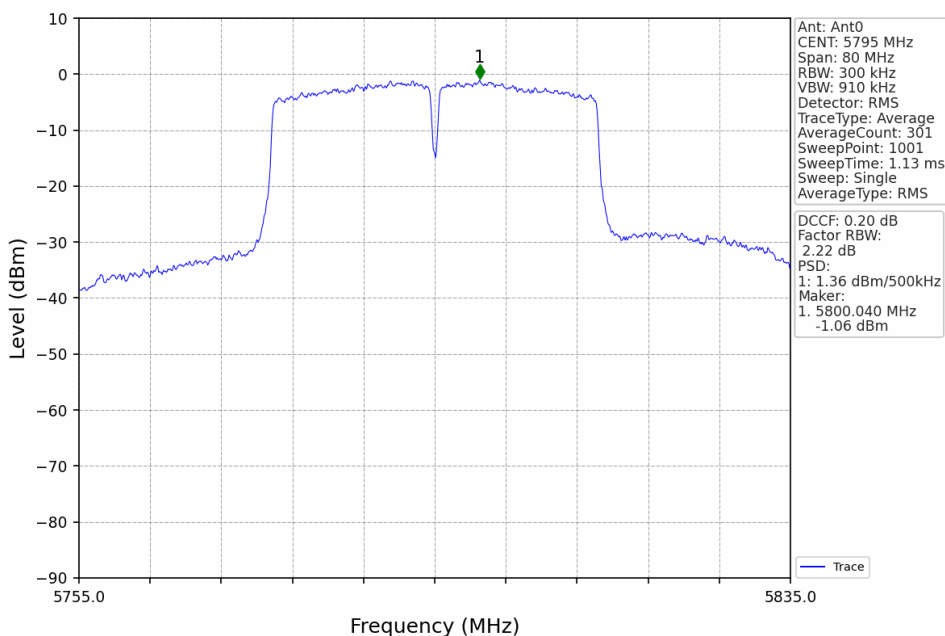
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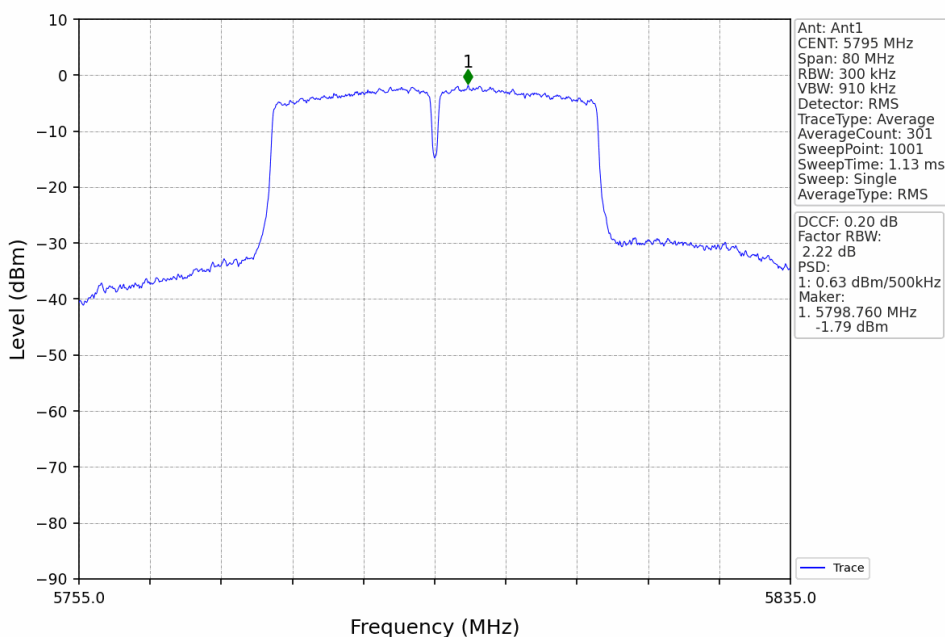
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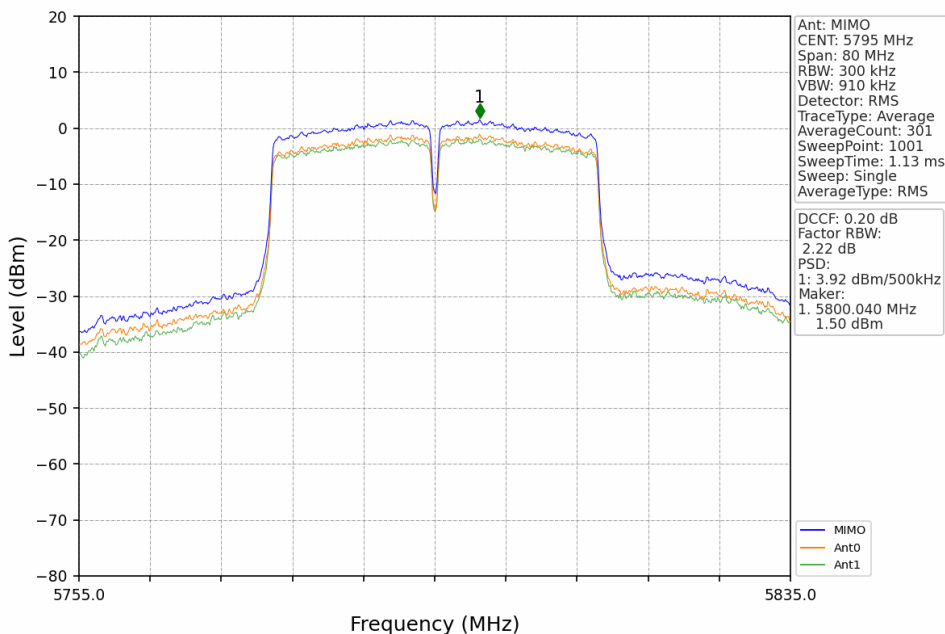
802.11n(HT40)\_HCH\_5795MHz\_Ant0\_NTNV



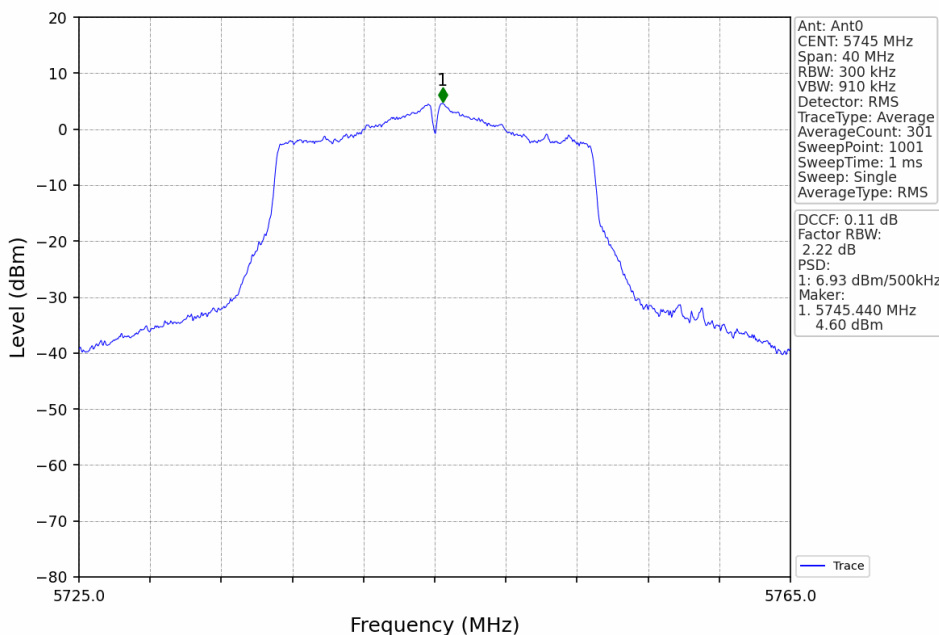
802.11n(HT40)\_HCH\_5795MHz\_Ant1\_NTNV



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



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



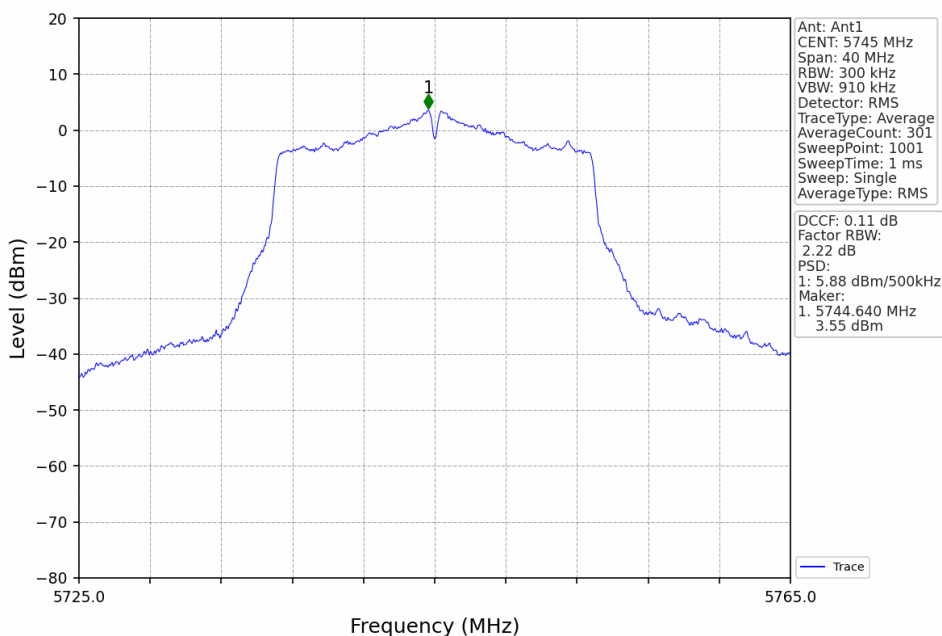
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802.11ac(VHT20)\_LCH\_5745MHz\_Ant1\_NTNV



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

