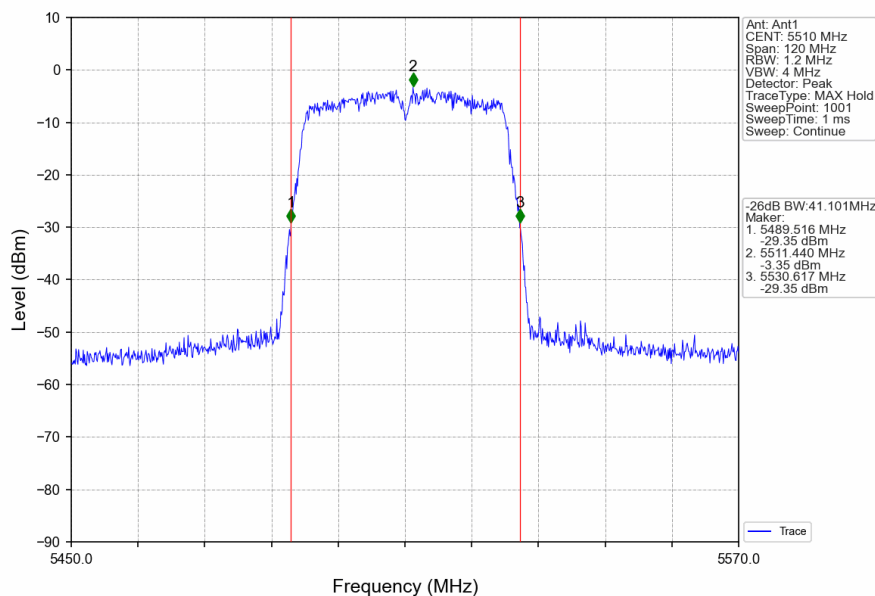
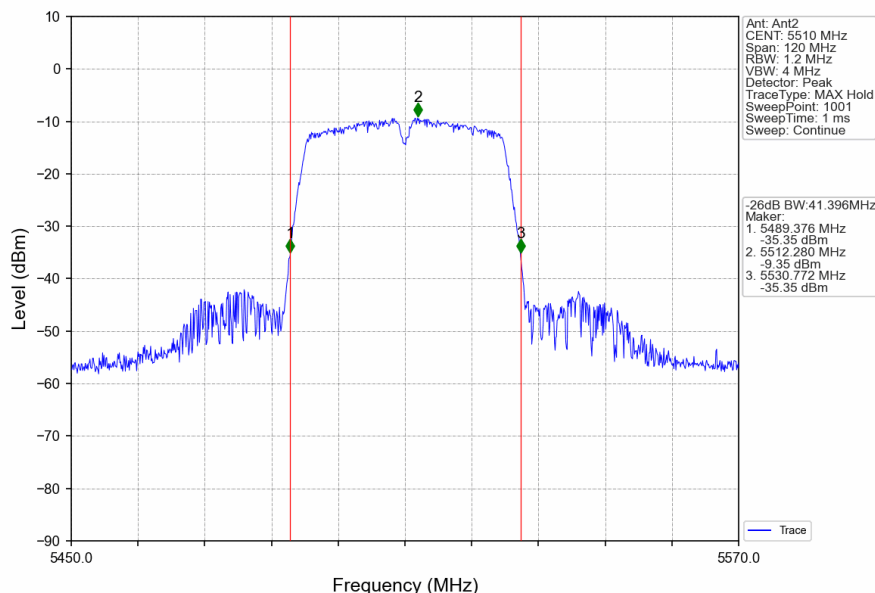


### 802.11n(HT40)\_LCH\_5510MHz\_Ant1\_NTNV



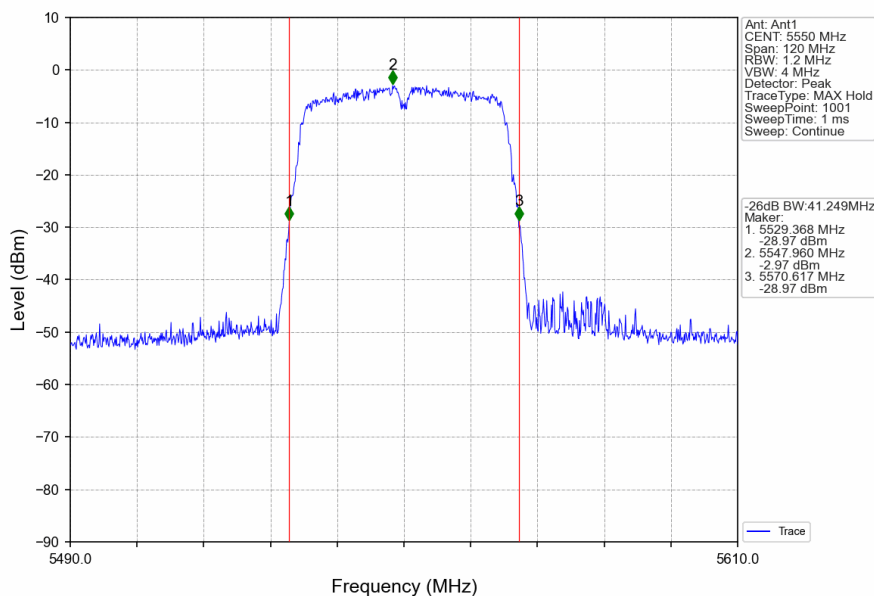
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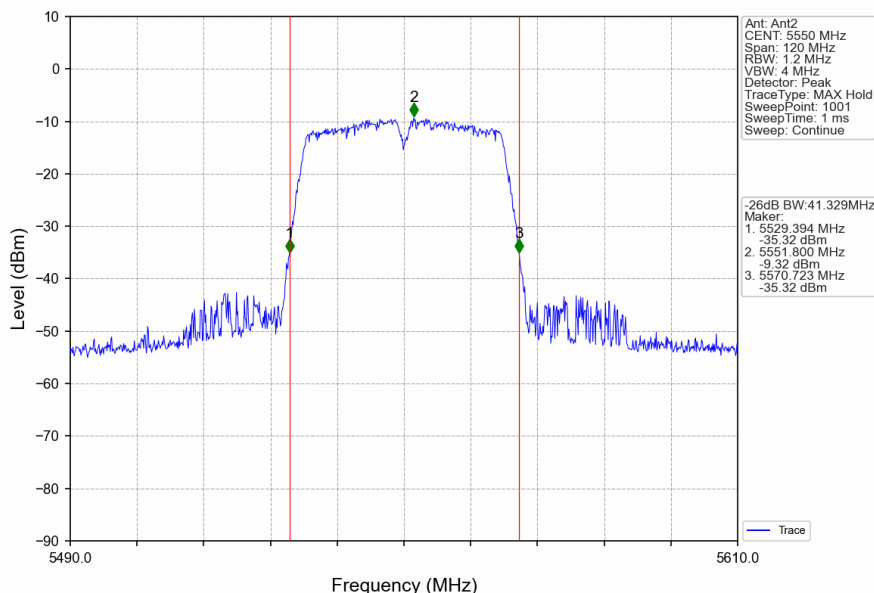
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### 802.11n(HT40)\_MCH\_5550MHz\_Ant1\_NTNV



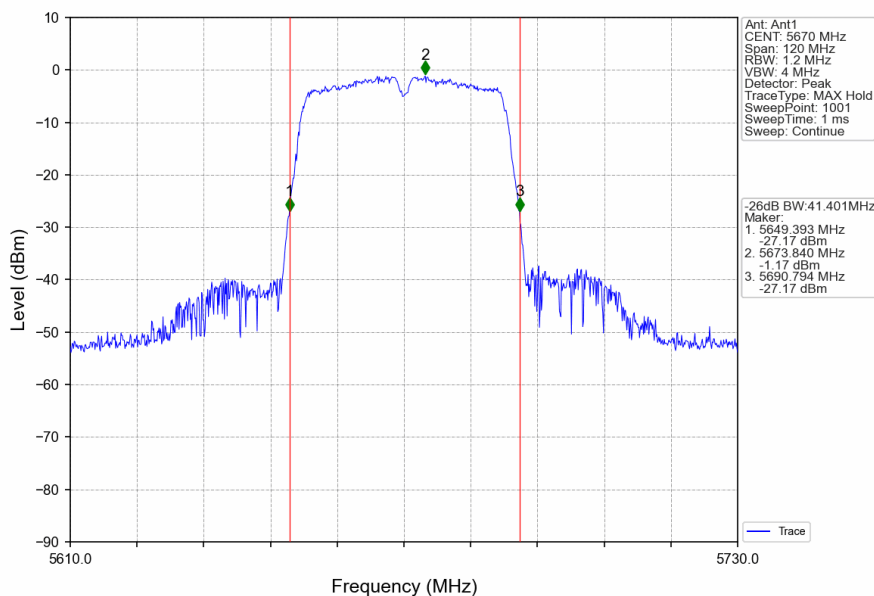
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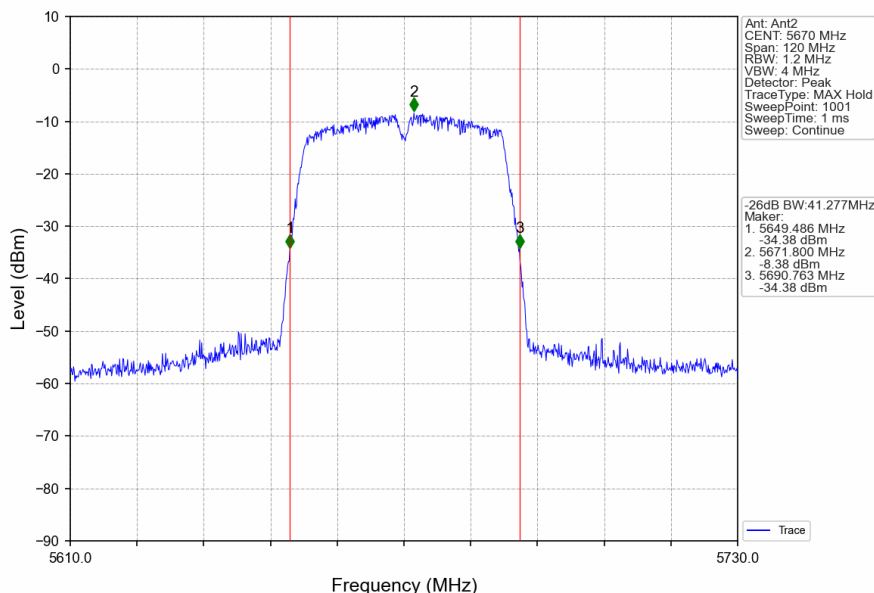
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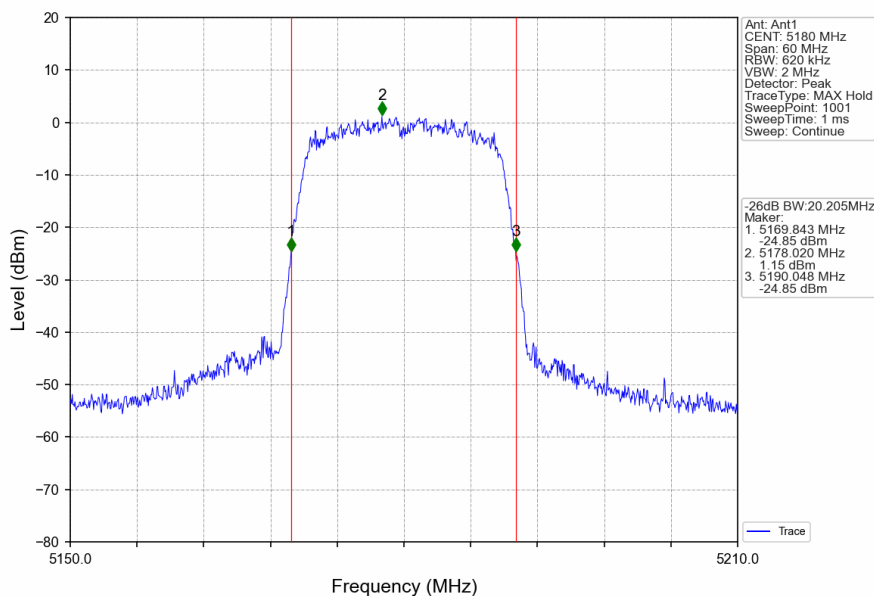
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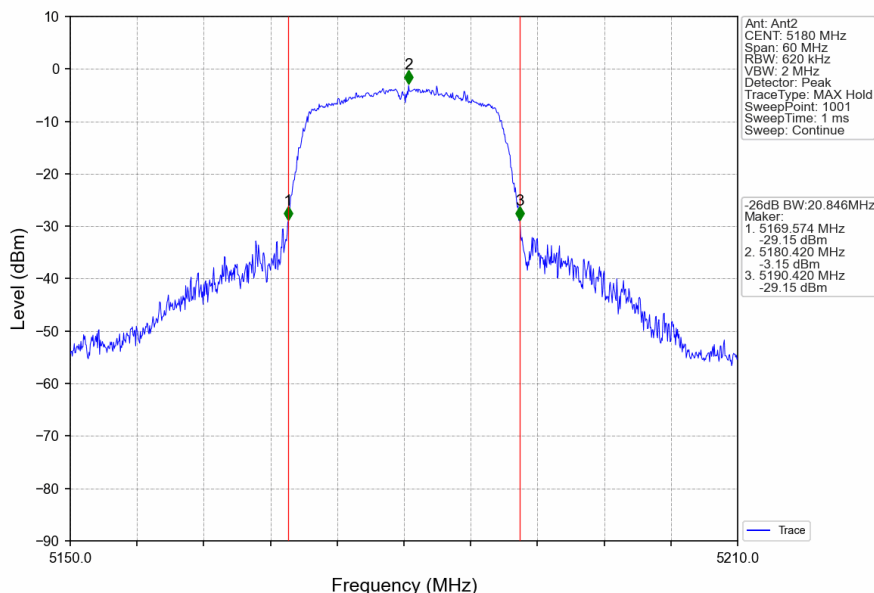
### 802.11n(HT40)\_HCH\_5670MHz\_Ant2\_NTNV



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



### 802.11ac(VHT20)\_LCH\_5180MHz\_Ant2\_NTNV

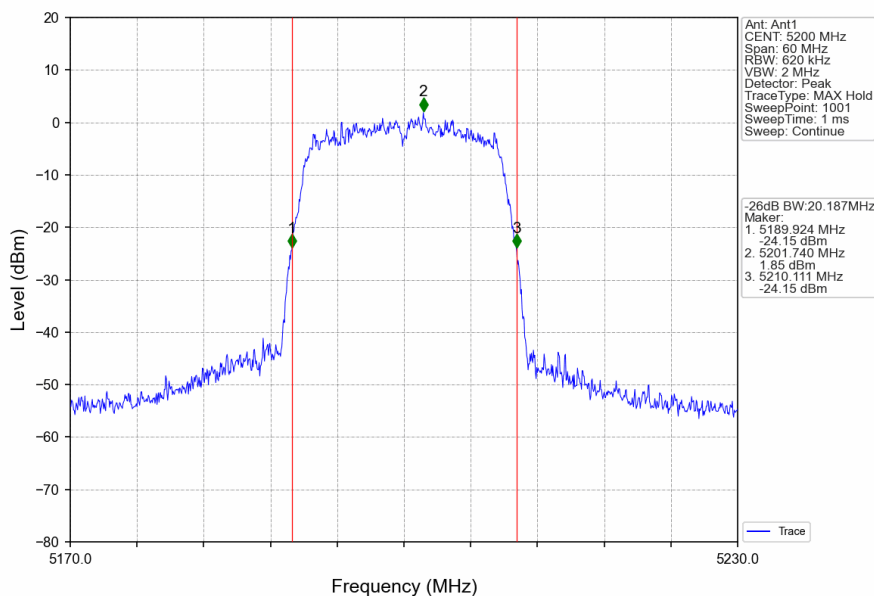


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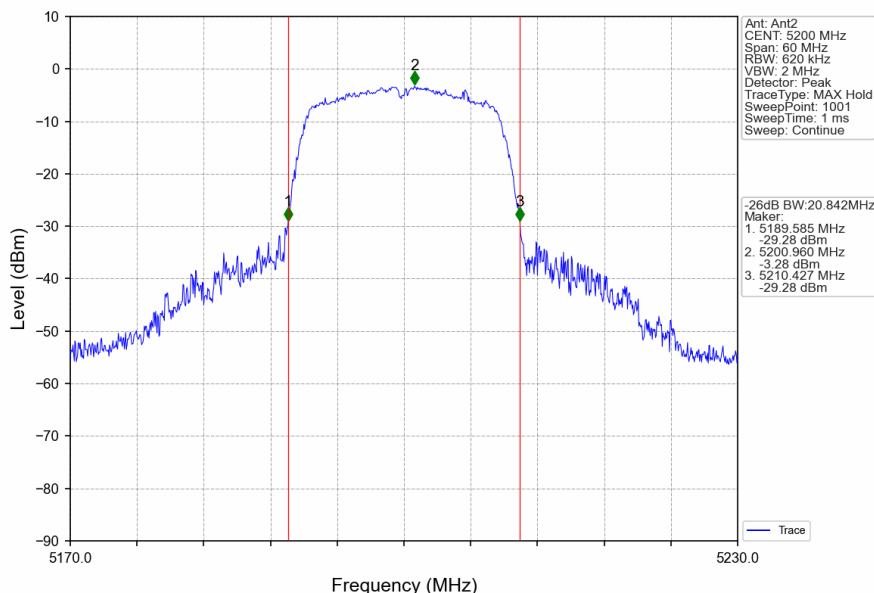
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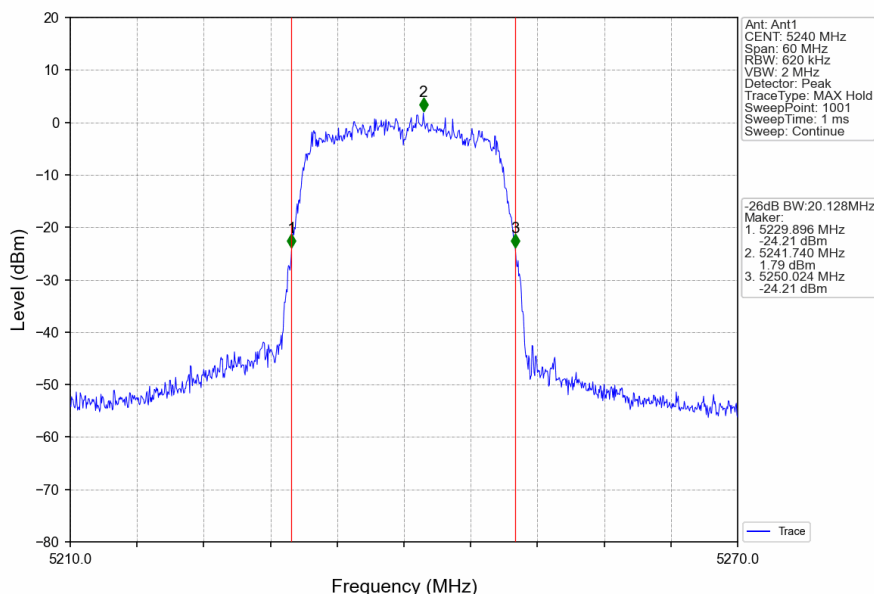
### 802.11ac(VHT20)\_MCH\_5200MHz\_Ant1\_NTNV



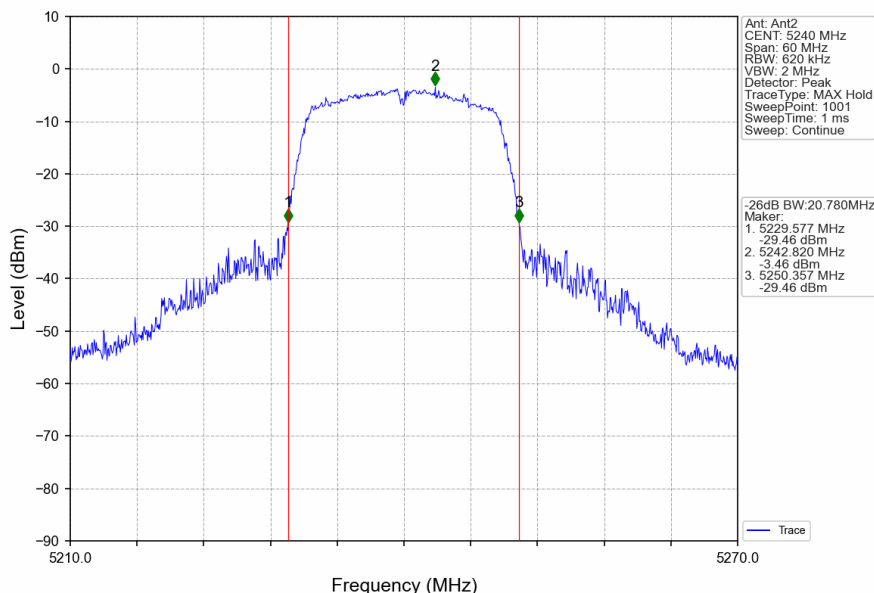
### 802.11ac(VHT20)\_MCH\_5200MHz\_Ant2\_NTNV



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



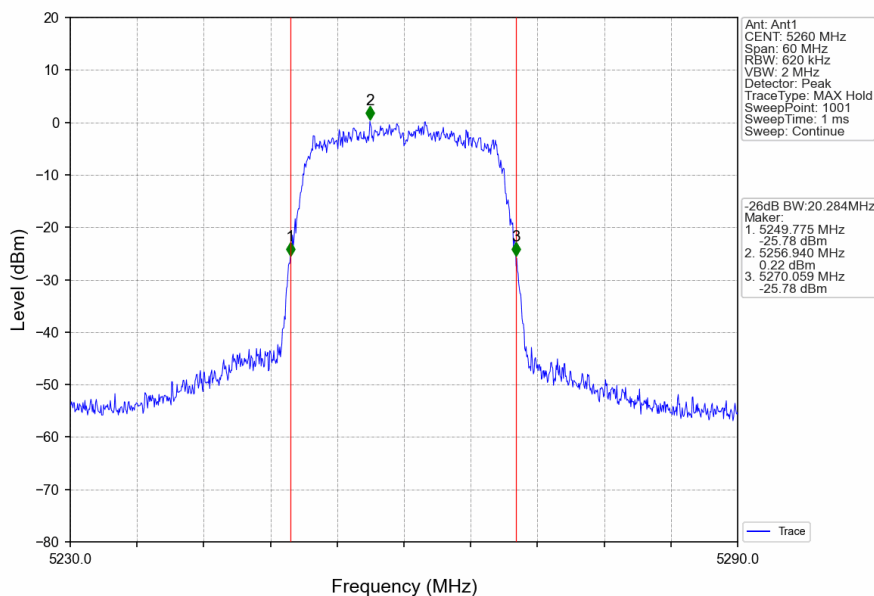
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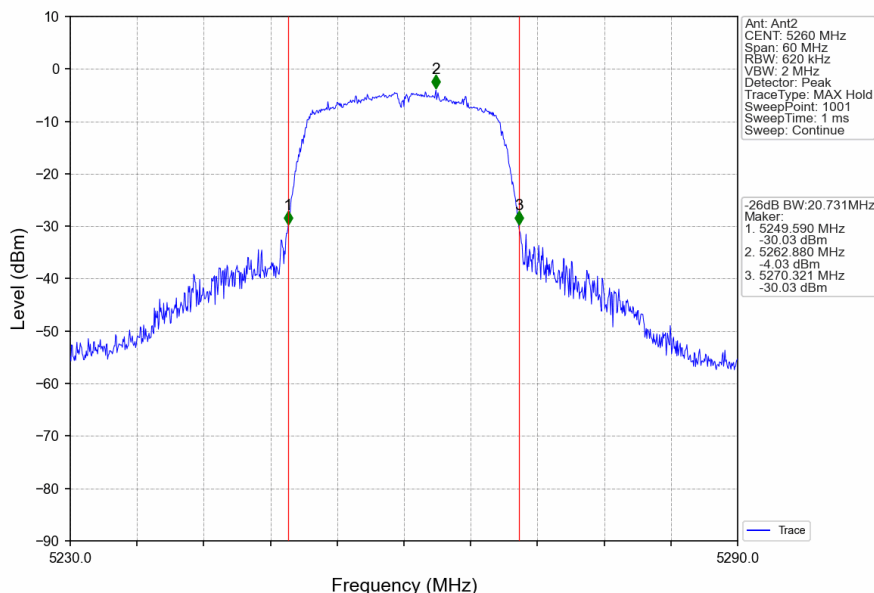
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### 802.11ac(VHT20)\_LCH\_5260MHz\_Ant1\_NTNV



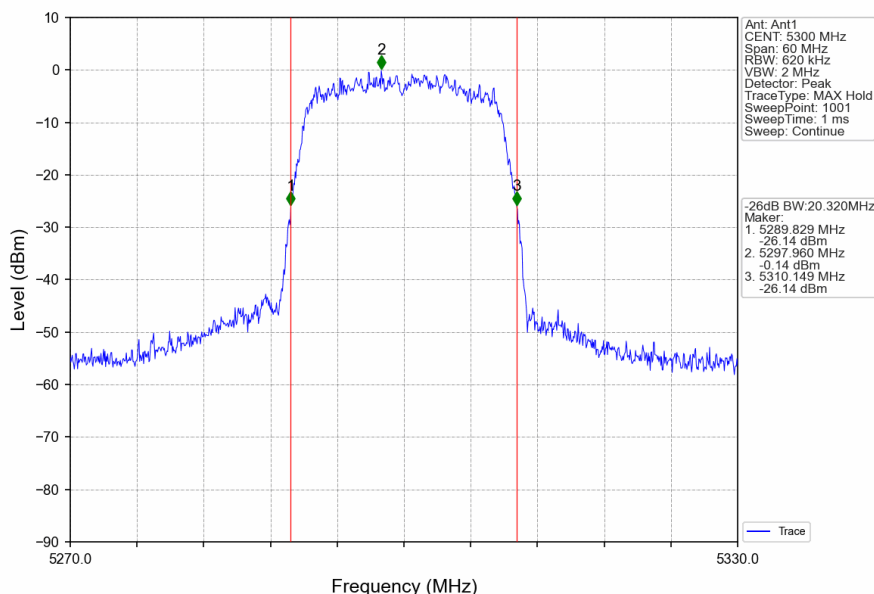
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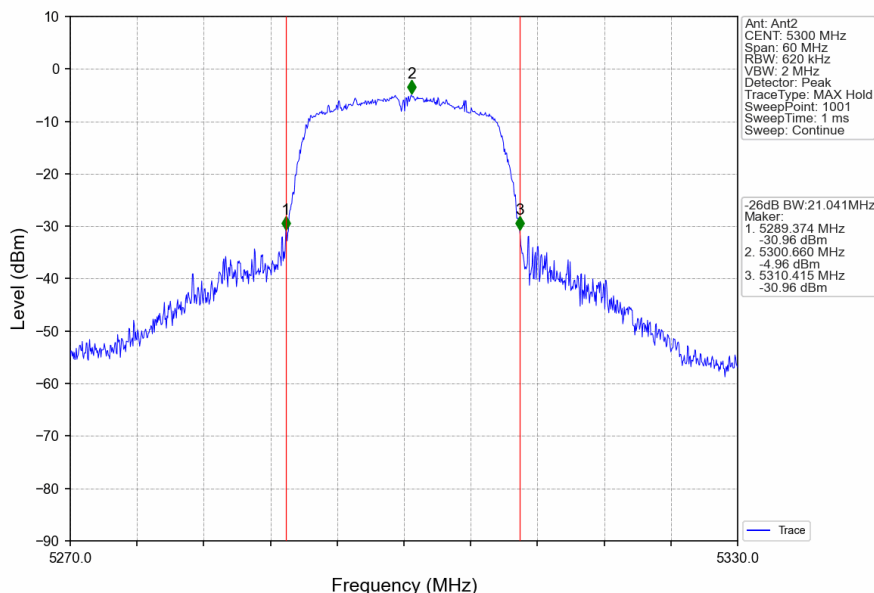
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### 802.11ac(VHT20)\_MCH\_5300MHz\_Ant1\_NTNV



### 802.11ac(VHT20)\_MCH\_5300MHz\_Ant2\_NTNV

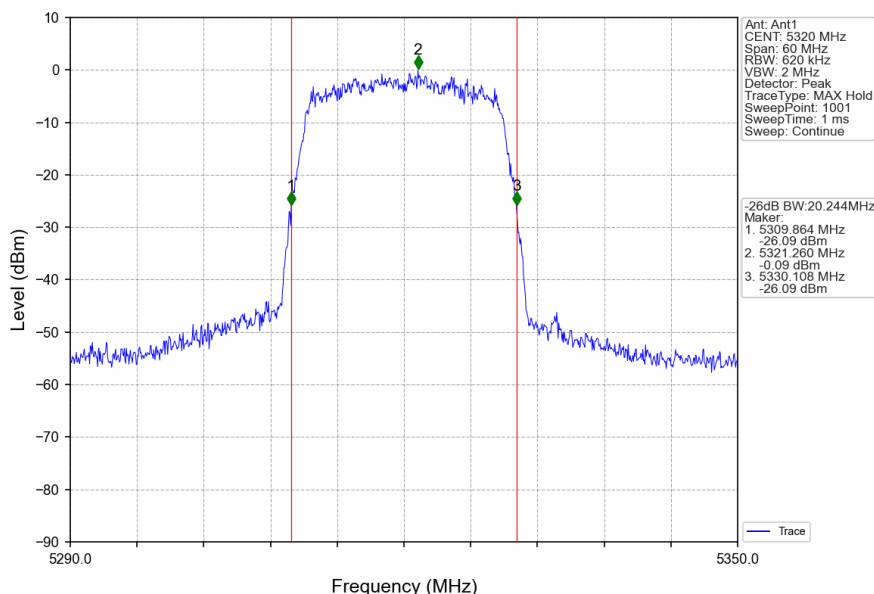


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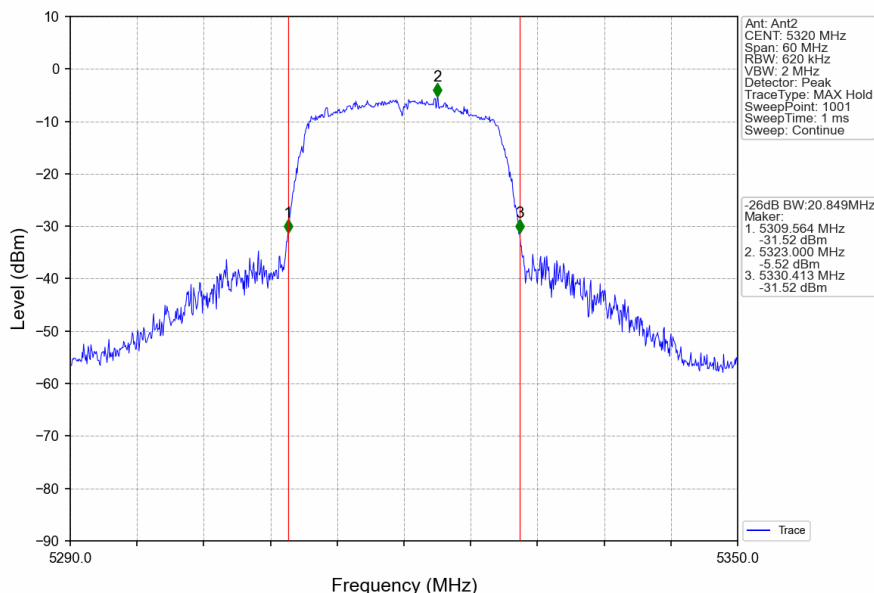
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### 802.11ac(VHT20)\_HCH\_5320MHz\_Ant1\_NTNV



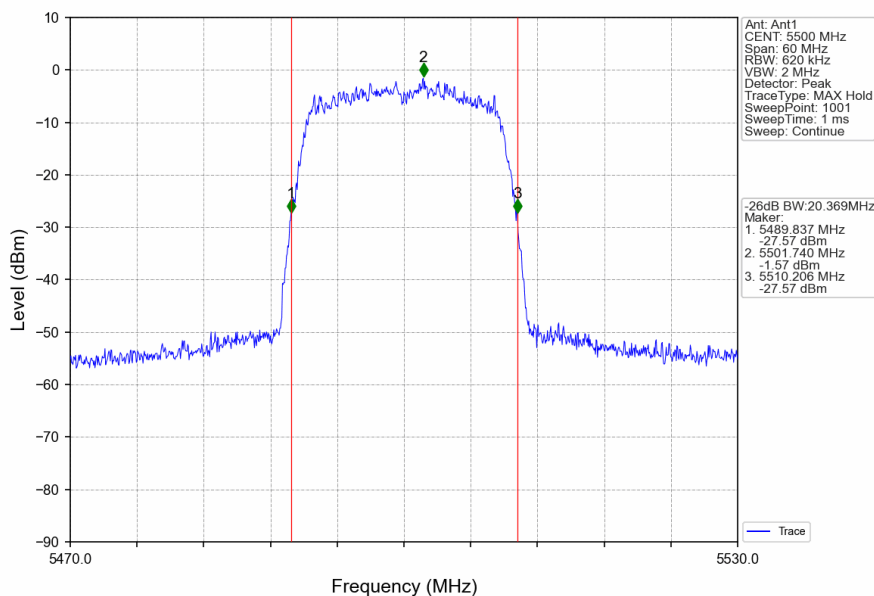
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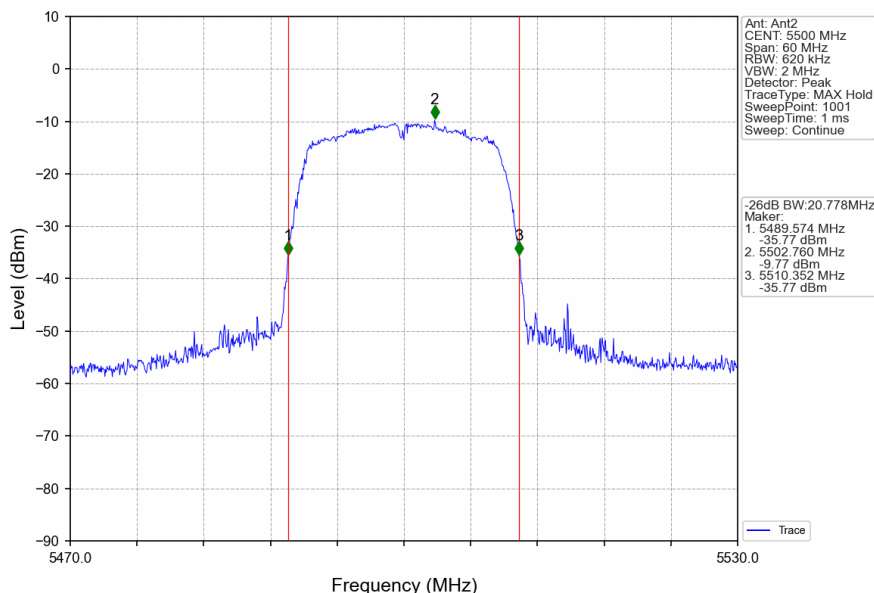
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### 802.11ac(VHT20)\_LCH\_5500MHz\_Ant1\_NTNV



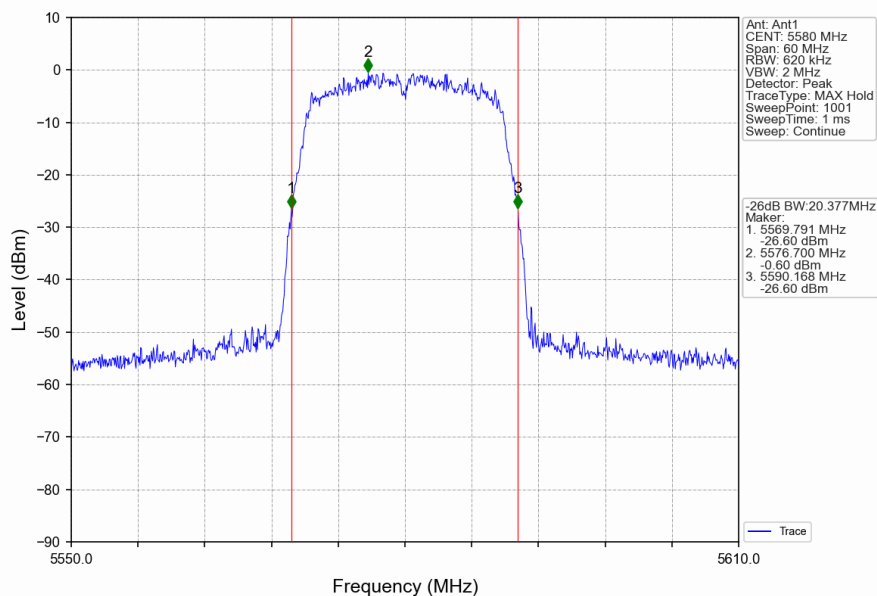
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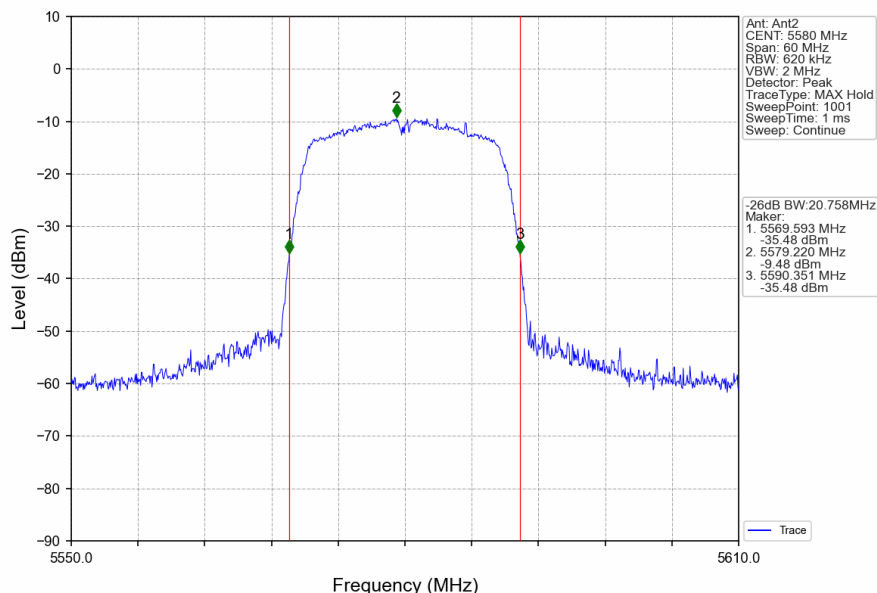
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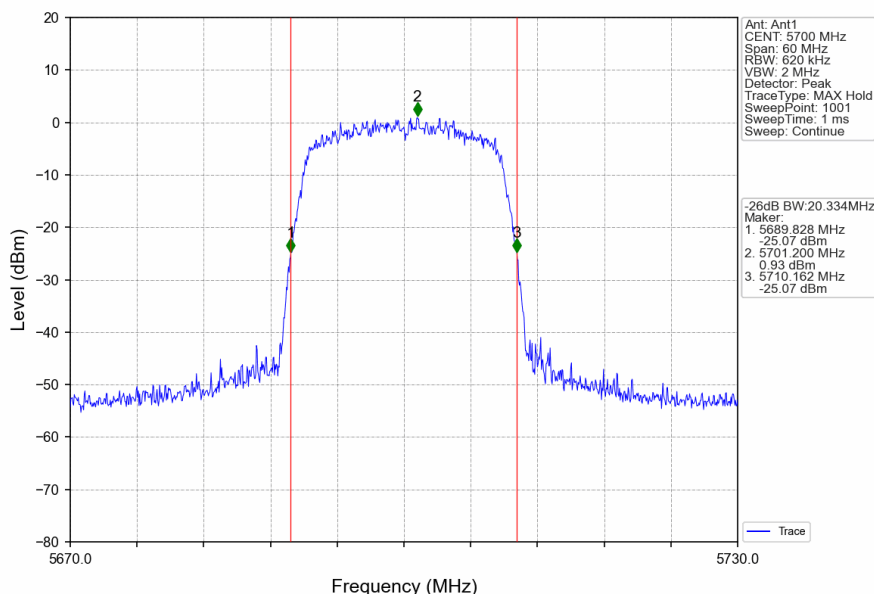
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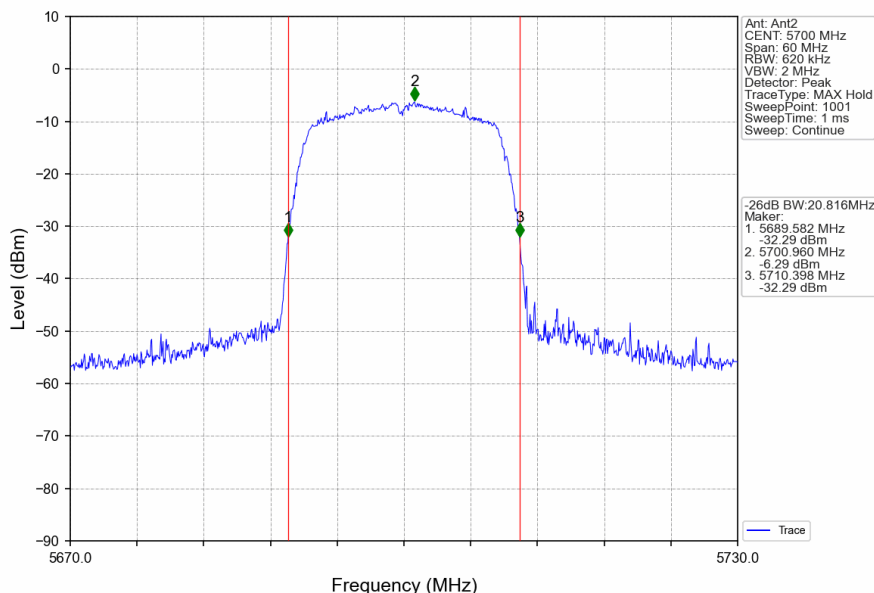
### 802.11ac(VHT20)\_MCH\_5580MHz\_Ant2\_NTNV



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



### 802.11ac(VHT20)\_HCH\_5700MHz\_Ant2\_NTNV



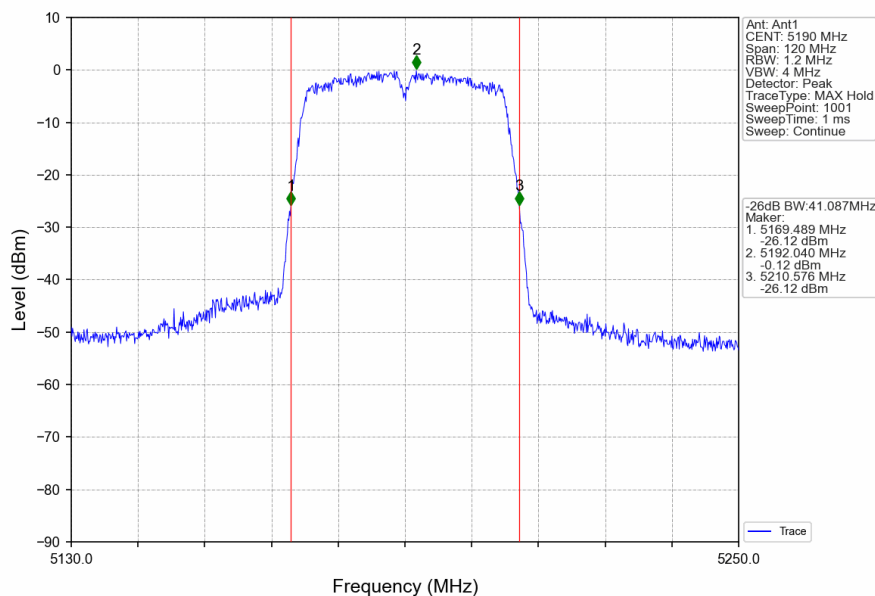
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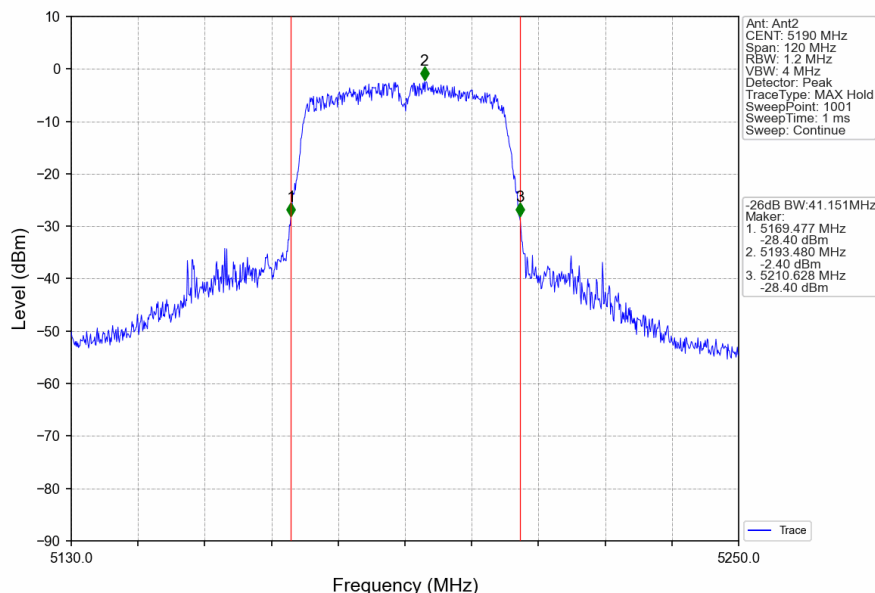
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### 802.11ac(VHT40)\_LCH\_5190MHz\_Ant1\_NTNV



### 802.11ac(VHT40)\_LCH\_5190MHz\_Ant2\_NTNV

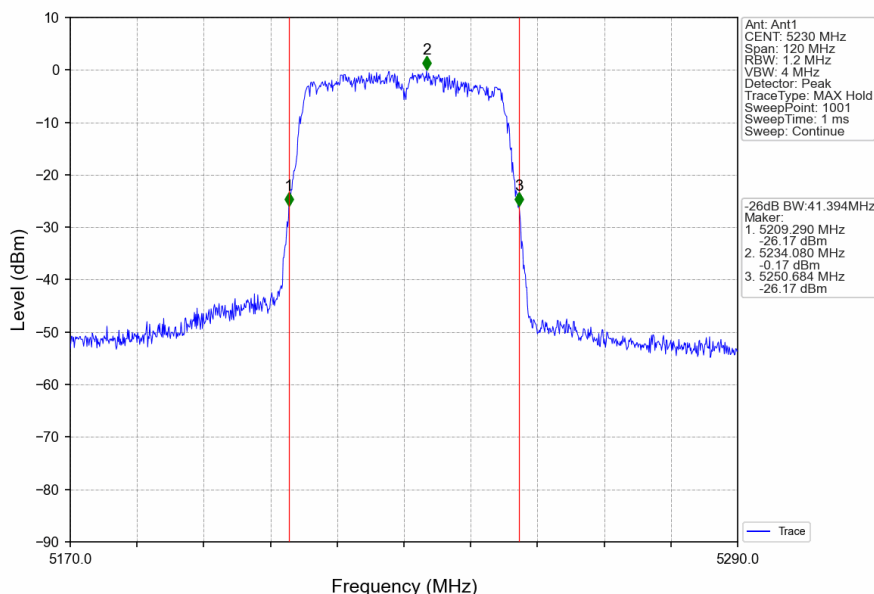


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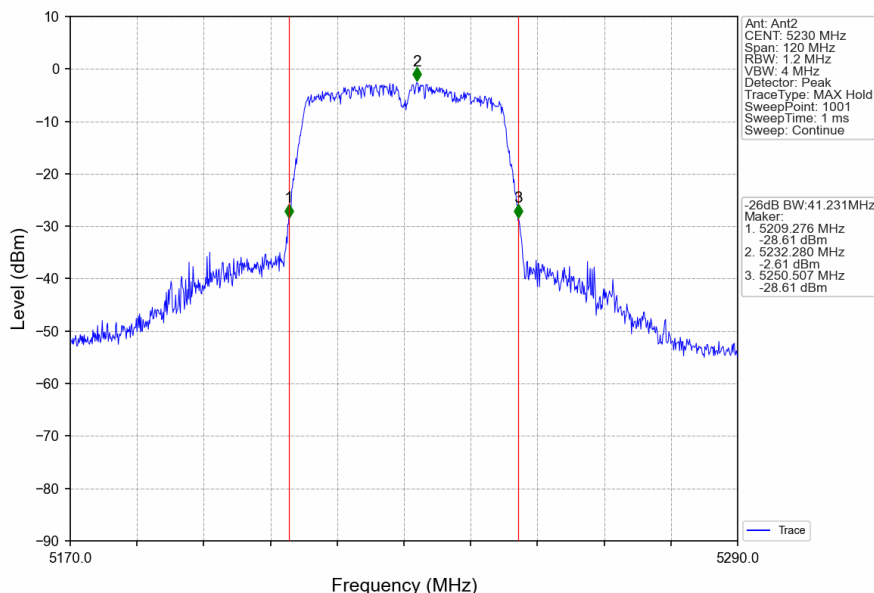
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### 802.11ac(VHT40)\_HCH\_5230MHz\_Ant1\_NTNV



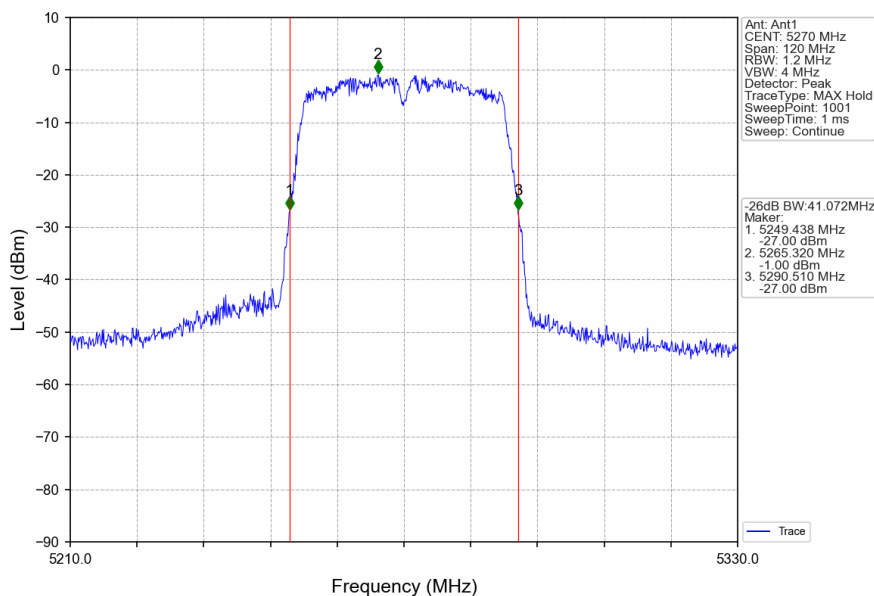
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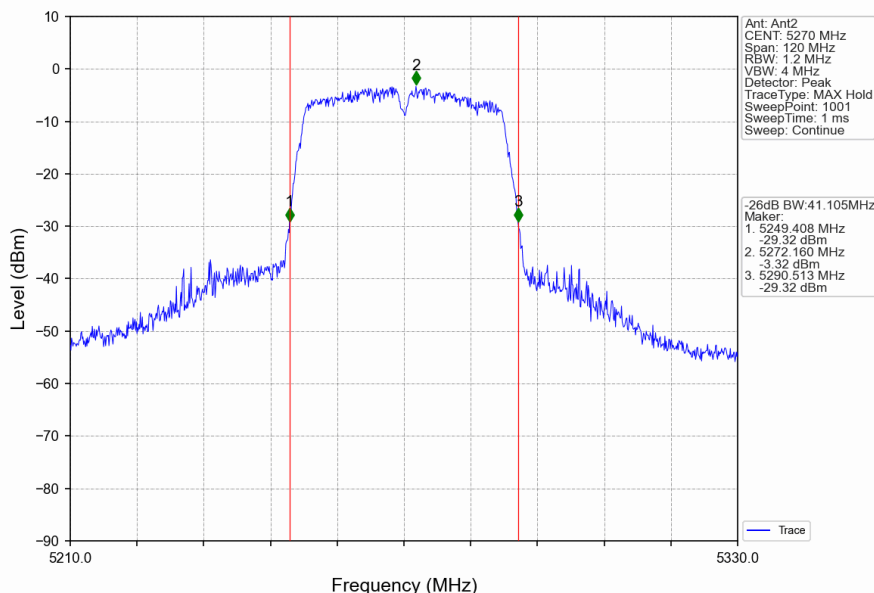
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### 802.11ac(VHT40)\_LCH\_5270MHz\_Ant1\_NTNV



### 802.11ac(VHT40)\_LCH\_5270MHz\_Ant2\_NTNV

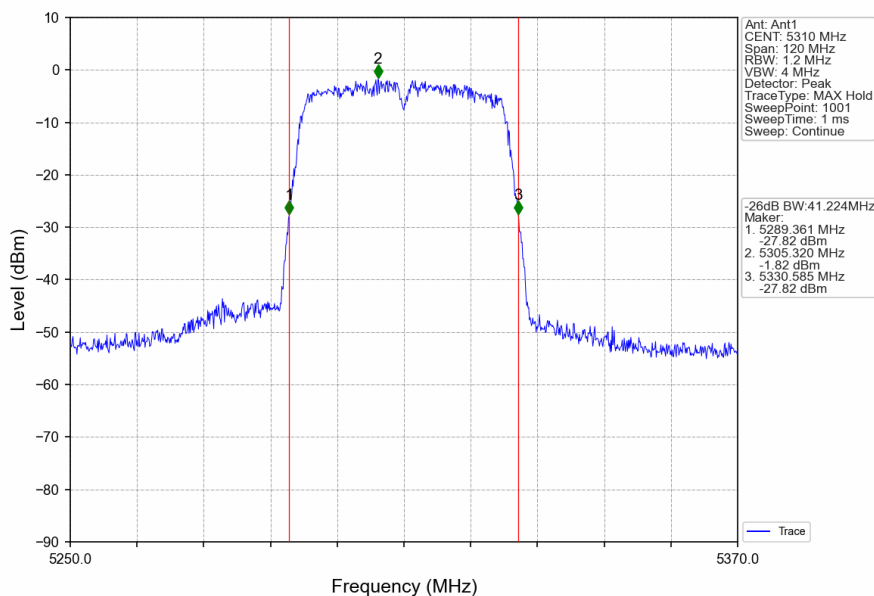


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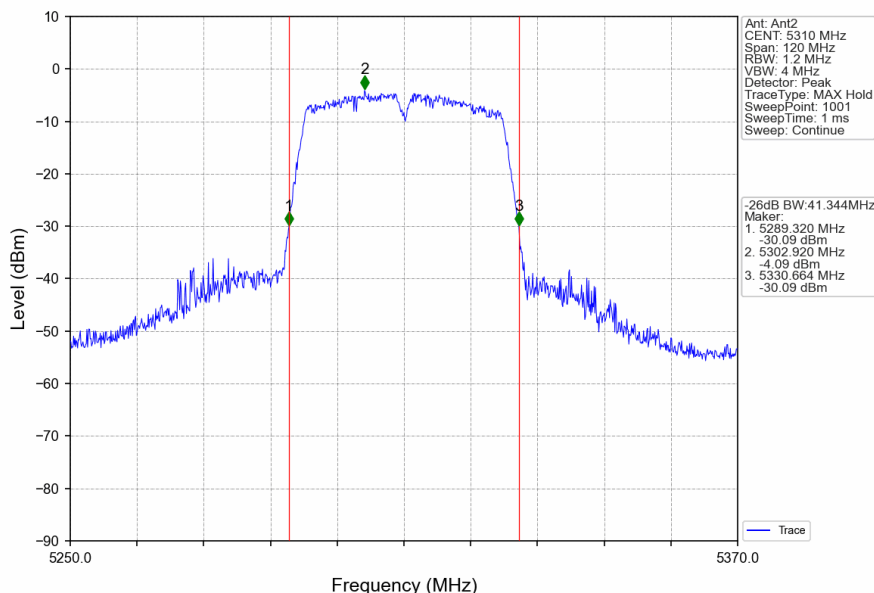
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### 802.11ac(VHT40)\_HCH\_5310MHz\_Ant1\_NTNV



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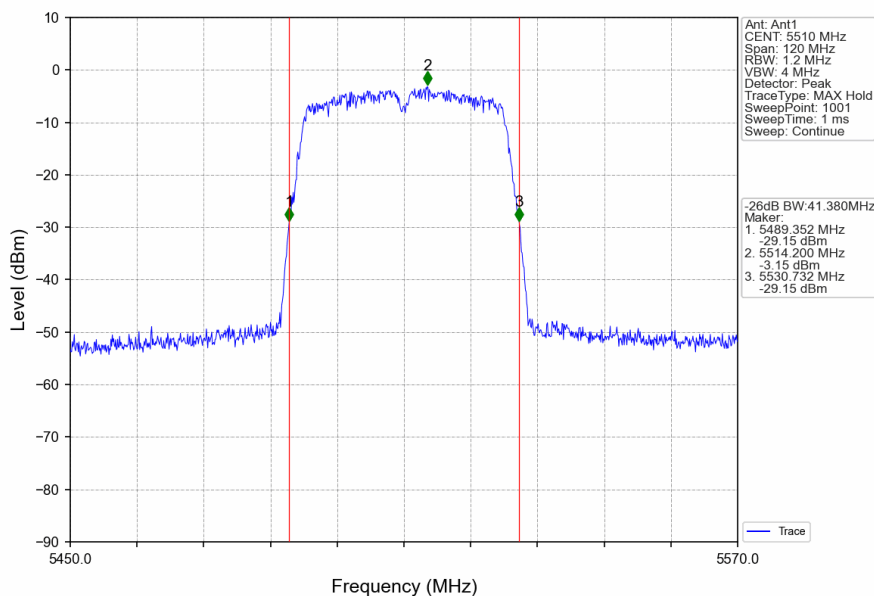


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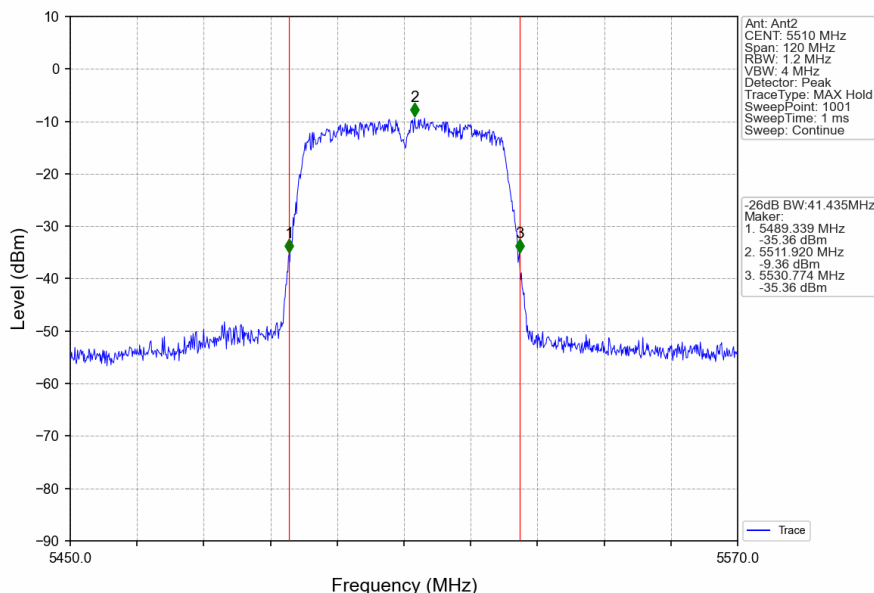
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### 802.11ac(VHT40)\_LCH\_5510MHz\_Ant1\_NTNV



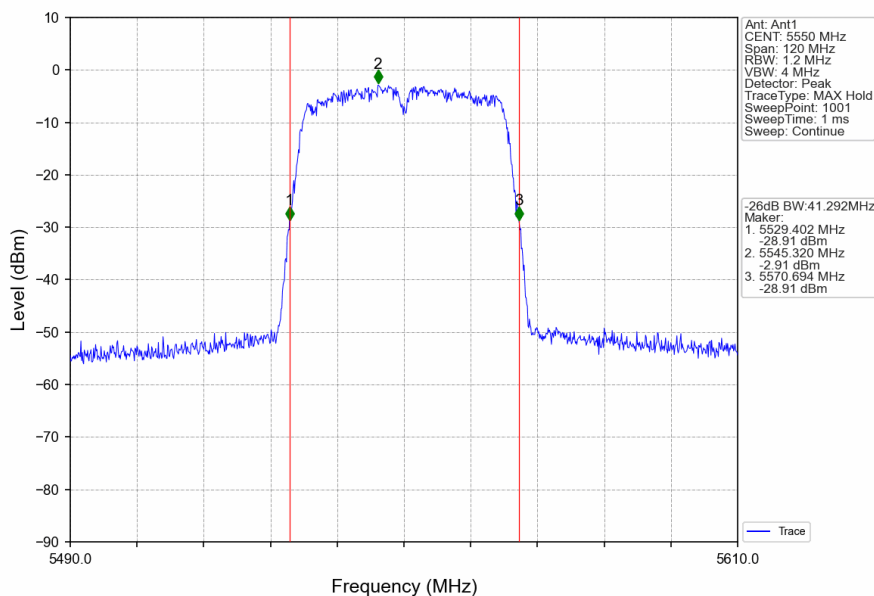
### 802.11ac(VHT40)\_LCH\_5510MHz\_Ant2\_NTNV



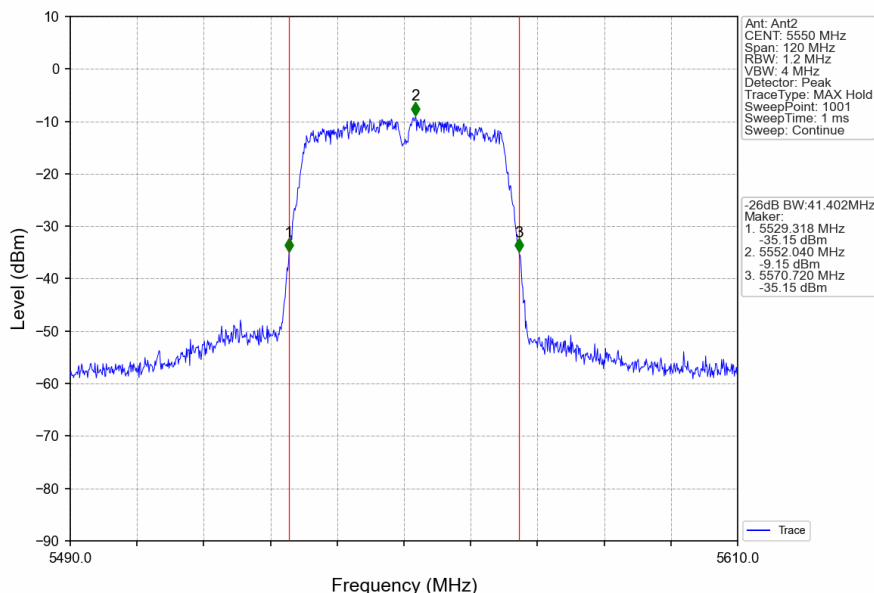
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### 802.11ac(VHT40)\_MCH\_5550MHz\_Ant1\_NTNV



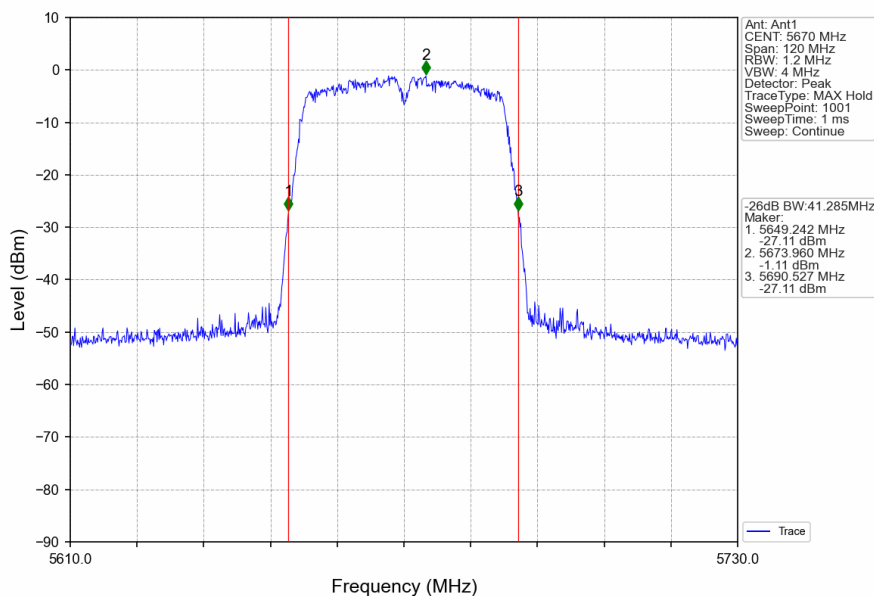
### 802.11ac(VHT40)\_MCH\_5550MHz\_Ant2\_NTNV



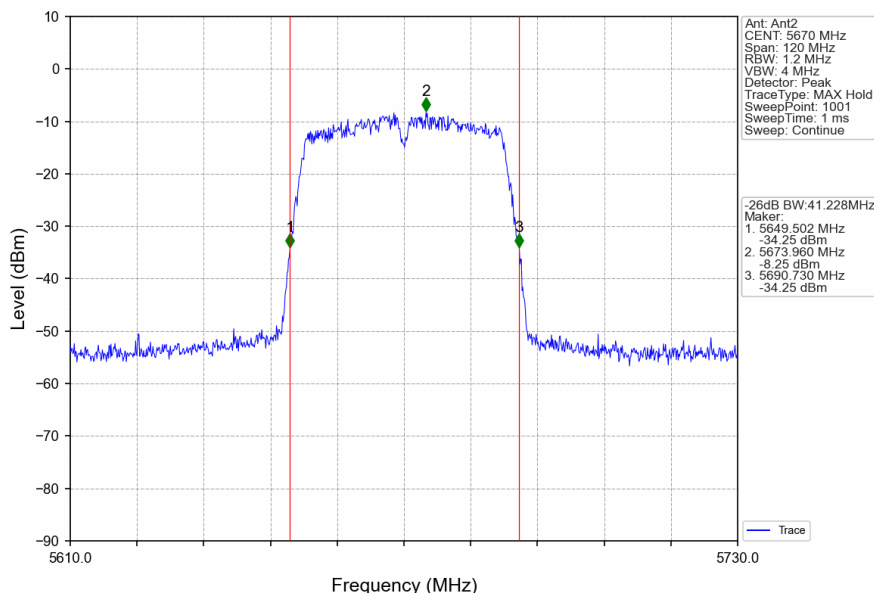
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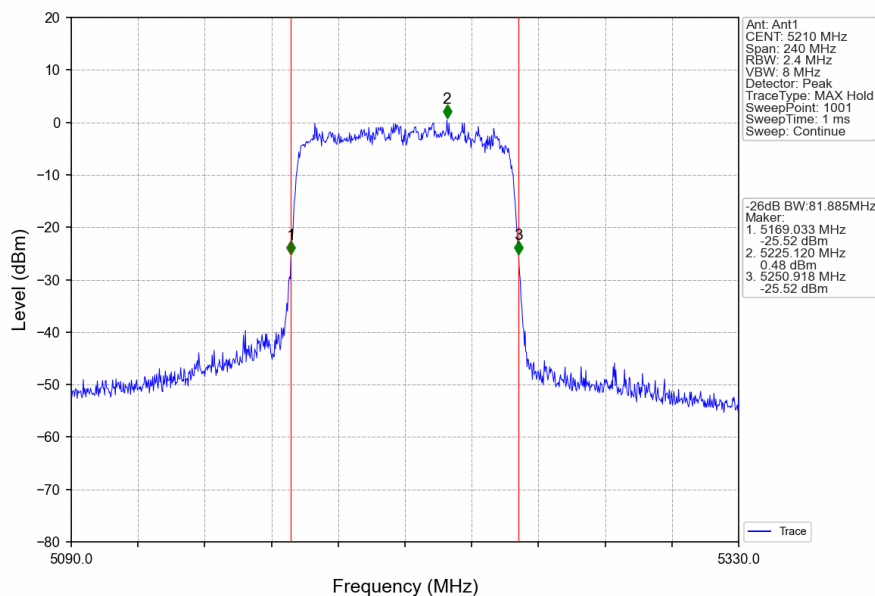
### 802.11ac(VHT40)\_HCH\_5670MHz\_Ant1\_NTNV



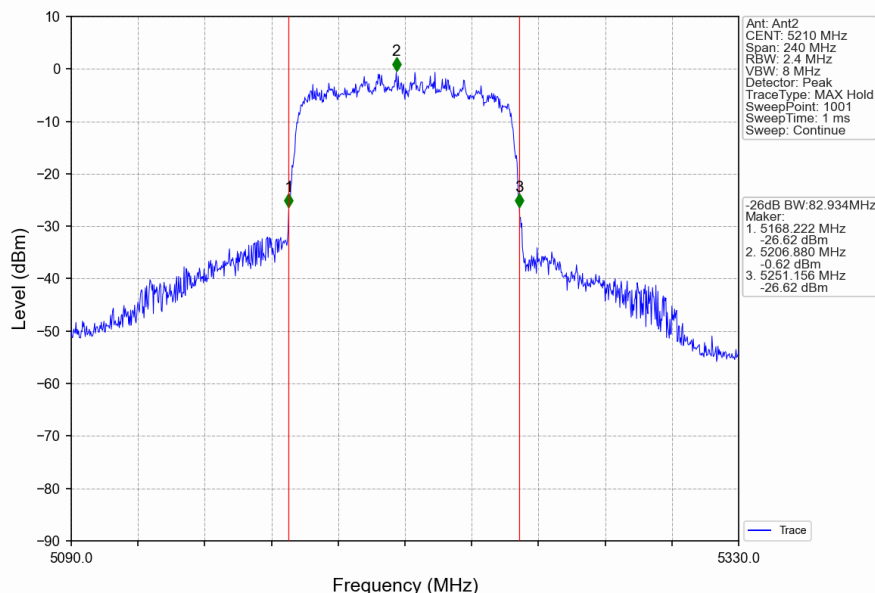
### 802.11ac(VHT40)\_HCH\_5670MHz\_Ant2\_NTNV



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



### 802.11ac(VHT80)\_MCH\_5210MHz\_Ant2\_NTNV



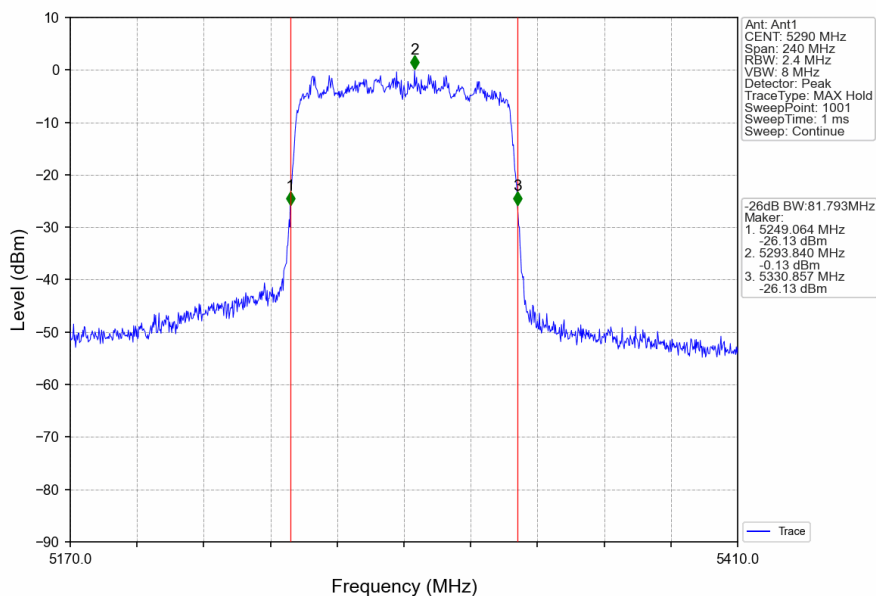
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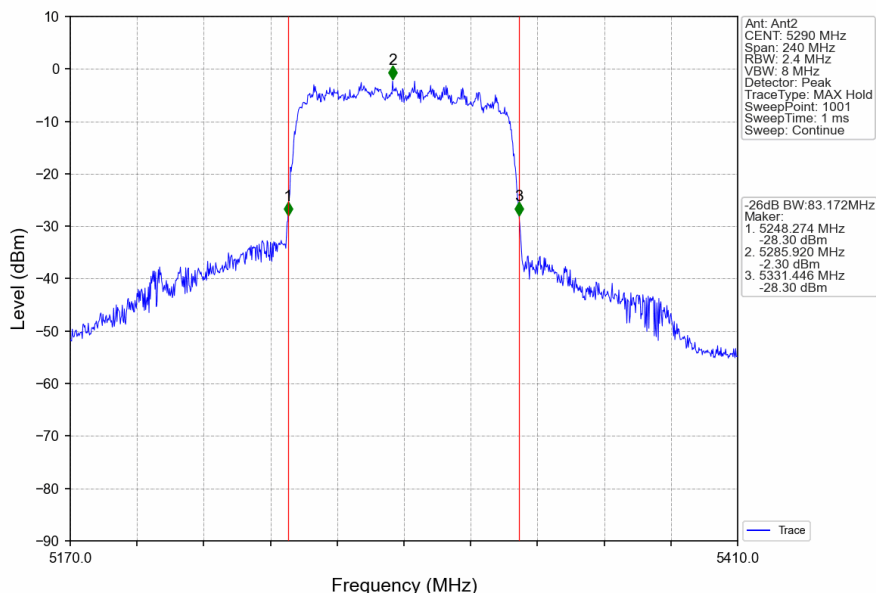
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### 802.11ac(VHT80)\_MCH\_5290MHz\_Ant1\_NTNV



### 802.11ac(VHT80)\_MCH\_5290MHz\_Ant2\_NTNV

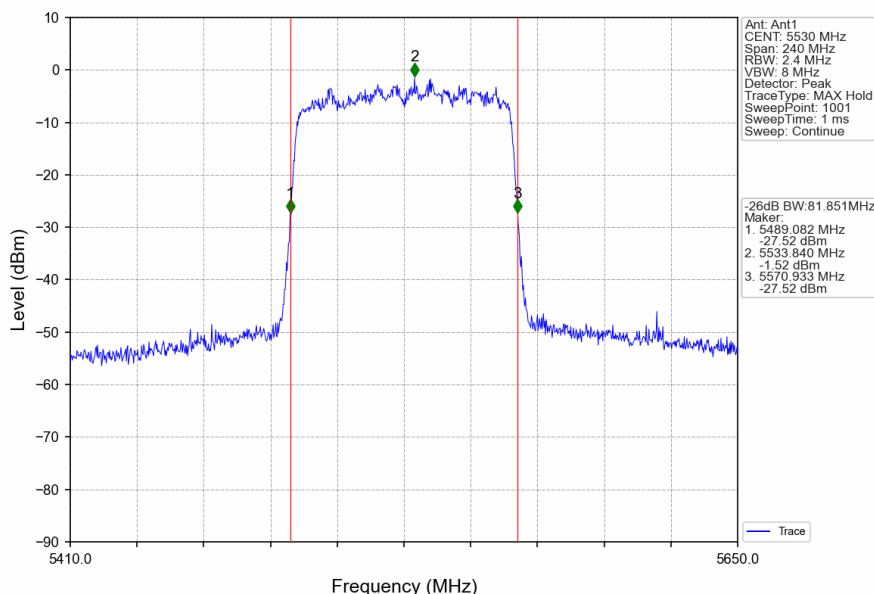


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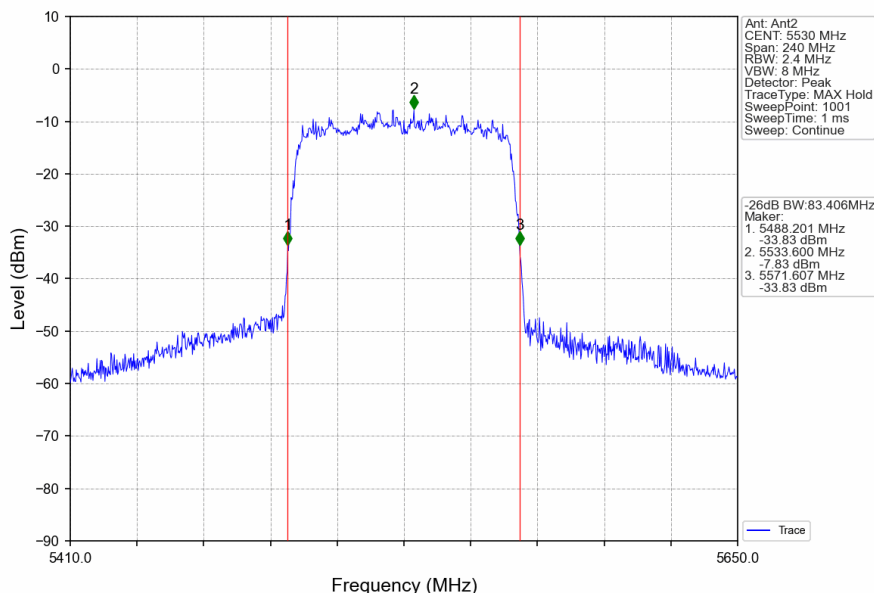
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### 802.11ac(VHT80)\_LCH\_5530MHz\_Ant1\_NTNV



### 802.11ac(VHT80)\_LCH\_5530MHz\_Ant2\_NTNV

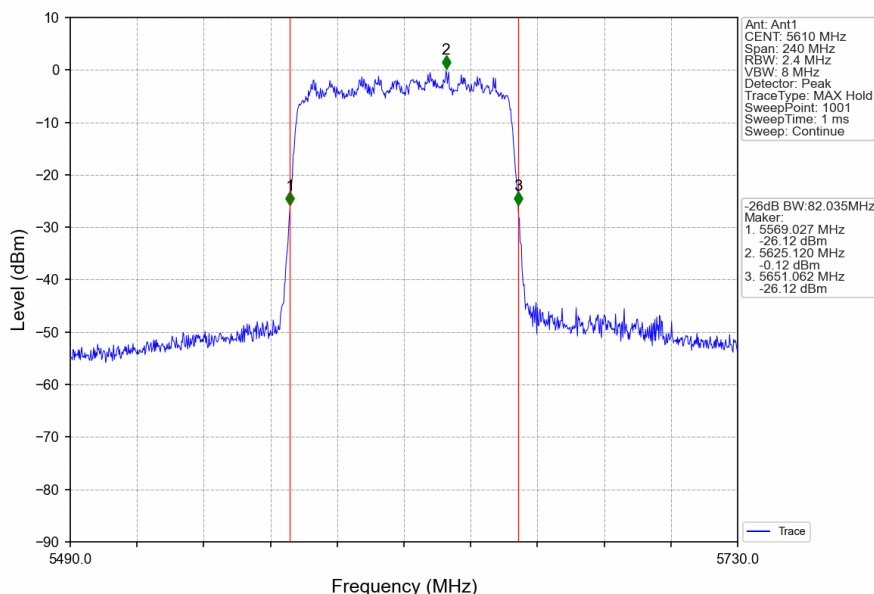


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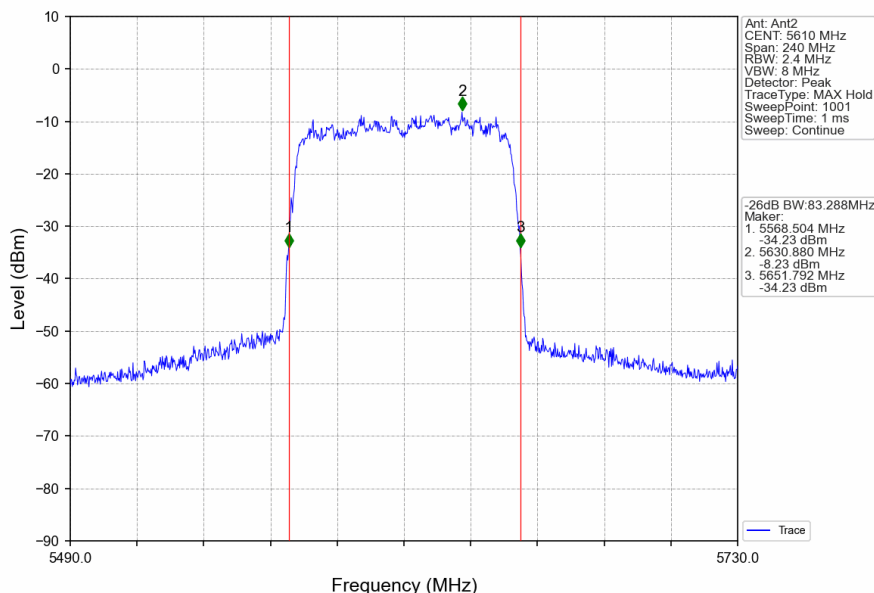
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### 802.11ac(VHT80)\_HCH\_5610MHz\_Ant1\_NTNV



### 802.11ac(VHT80)\_HCH\_5610MHz\_Ant2\_NTNV



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## 3. Maximum Conducted Output Power

### 3.1 Power

#### 3.1.1 Test Result

Mode	TX Type	Frequency (MHz)	Maximum Average Conducted Output Power (dBm)				Verdict
			ANT1	ANT2	MIMO	Limit	
802.11a	SISO	5180	5.22	2.25	/	<=23.98	Pass
		5200	4.85	2.80	/	<=23.98	Pass
		5240	4.78	2.22	/	<=23.98	Pass
		5260	4.25	1.69	/	<=23.98	Pass
		5300	3.58	0.72	/	<=23.98	Pass
		5320	3.28	0.05	/	<=23.98	Pass
		5500	1.26	-4.83	/	<=23.98	Pass
		5580	4.10	-3.27	/	<=23.98	Pass
		5700	5.74	0.14	/	<=23.98	Pass
		5745	5.50	-0.03	/	<=30	Pass
		5785	5.13	-0.92	/	<=30	Pass
		5825	3.67	-2.32	/	<=30	Pass
802.11n (HT20)	MIMO	5180	4.63	1.88	6.48	<=23.98	Pass
		5200	4.48	2.12	6.47	<=23.98	Pass
		5240	4.49	1.71	6.33	<=23.98	Pass
		5260	3.84	1.28	5.76	<=23.98	Pass
		5300	3.57	0.60	5.34	<=23.98	Pass
		5320	3.24	-0.05	4.91	<=23.98	Pass
		5500	1.27	-4.65	2.26	<=23.98	Pass
		5580	3.22	-4.03	3.97	<=23.98	Pass
		5700	4.54	-0.96	5.62	<=23.98	Pass
		5745	4.68	-0.99	5.72	<=30	Pass
		5785	4.42	-1.32	5.45	<=30	Pass
		5825	3.04	-2.60	4.09	<=30	Pass
802.11n (HT40)	MIMO	5190	3.72	1.19	5.65	<=23.98	Pass
		5230	4.17	1.72	6.13	<=23.98	Pass
		5270	3.37	1.14	5.41	<=23.98	Pass
		5310	2.83	0.07	4.68	<=23.98	Pass
		5510	1.14	-4.76	2.13	<=23.98	Pass
		5550	1.94	-4.61	2.81	<=23.98	Pass
		5670	3.27	-3.82	4.05	<=23.98	Pass
		5755	3.97	-1.38	5.08	<=30	Pass
		5795	3.49	-2.19	4.53	<=30	Pass
802.11ac (VHT20)	MIMO	5180	4.92	2.20	6.78	<=23.98	Pass
		5200	4.62	2.45	6.68	<=23.98	Pass
		5240	4.65	2.00	6.53	<=23.98	Pass



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		5260	3.87	1.33	5.79	<=23.98	Pass
		5300	3.45	0.69	5.30	<=23.98	Pass
		5320	3.19	0.00	4.89	<=23.98	Pass
		5500	1.50	-4.47	2.48	<=23.98	Pass
		5580	3.25	-3.97	4.00	<=23.98	Pass
		5700	4.52	-0.85	5.63	<=23.98	Pass
		5745	4.57	-0.85	5.67	<=30	Pass
		5785	4.44	-1.21	5.49	<=30	Pass
		5825	3.26	-2.67	4.25	<=30	Pass
802.11ac (VHT40)	MIMO	5190	4.56	2.36	6.61	<=23.98	Pass
		5230	4.45	2.12	6.45	<=23.98	Pass
		5270	3.59	1.23	5.58	<=23.98	Pass
		5310	2.95	0.22	4.81	<=23.98	Pass
		5510	1.31	-4.55	2.31	<=23.98	Pass
		5550	1.79	-4.44	2.72	<=23.98	Pass
		5670	3.41	-3.73	4.18	<=23.98	Pass
		5755	3.42	-2.30	4.45	<=30	Pass
		5795	3.26	-2.77	4.23	<=30	Pass
802.11ac (VHT80)	MIMO	5210	3.49	1.52	5.63	<=23.98	Pass
		5290	2.28	0.18	4.37	<=23.98	Pass
		5530	1.15	-5.54	1.99	<=23.98	Pass
		5610	2.15	-5.23	2.88	<=23.98	Pass
		5775	2.84	-3.19	3.81	<=30	Pass

Note1: Antenna Gain: Ant1: 0.36 dBi; Ant2: 0.36 dBi;

Note2: Directional Gain: 3.37 dBi

Ant1 power: Ant 1 conducted power + duty cycle factor.

Ant2 power: Ant 2 conducted power + duty cycle factor.

MIMO power: Ant 1 conducted power + duty cycle factor + Ant 2 conducted power + duty cycle factor.

The Duty Cycle Factor is compensated in the test result.



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### 4. Maximum Power Spectral Density

#### 4.1 PSD

##### 4.1.1 Test Result

Mode	TX Type	Frequency (MHz)	Maximum PSD (dBm/MHz)				Verdict
			ANT1	ANT2	MIMO	Limit	
802.11a	SISO	5180	-5.17	-8.01	/	<=11	Pass
		5200	-5.39	-7.49	/	<=11	Pass
		5240	-5.34	-8.13	/	<=11	Pass
		5260	-6.10	-8.67	/	<=11	Pass
		5300	-6.67	-9.48	/	<=11	Pass
		5320	-6.89	-10.32	/	<=11	Pass
		5500	-8.88	-15.04	/	<=11	Pass
		5580	-5.95	-13.54	/	<=11	Pass
		5700	-4.57	-10.01	/	<=11	Pass
802.11n (HT20)	MIMO	5180	-5.70	-8.60	-3.96	<=11	Pass
		5200	-5.95	-8.25	-3.99	<=11	Pass
		5240	-5.79	-8.68	-4.11	<=11	Pass
		5260	-6.31	-9.11	-4.69	<=11	Pass
		5300	-6.77	-9.85	-5.05	<=11	Pass
		5320	-7.14	-10.55	-5.66	<=11	Pass
		5500	-8.94	-15.06	-8.02	<=11	Pass
		5580	-7.00	-14.30	-6.31	<=11	Pass
		5700	-5.76	-11.42	-4.77	<=11	Pass
802.11n (HT40)	MIMO	5190	-10.02	-12.60	-8.23	<=11	Pass
		5230	-9.50	-12.05	-7.71	<=11	Pass
		5270	-10.63	-12.58	-8.49	<=11	Pass
		5310	-11.01	-13.64	-9.18	<=11	Pass
		5510	-12.73	-18.67	-11.78	<=11	Pass
		5550	-12.22	-18.71	-11.39	<=11	Pass
802.11ac (VHT20)	MIMO	5670	-10.57	-17.42	-9.78	<=11	Pass
		5180	-5.53	-8.24	-3.75	<=11	Pass
		5200	-5.76	-8.06	-3.86	<=11	Pass
		5240	-5.55	-8.41	-3.82	<=11	Pass
		5260	-6.54	-9.05	-4.63	<=11	Pass
		5300	-6.84	-9.84	-5.19	<=11	Pass
		5320	-7.12	-10.32	-5.42	<=11	Pass
		5500	-8.80	-15.05	-7.98	<=11	Pass
		5580	-7.13	-14.08	-6.39	<=11	Pass
802.11ac (VHT40)	MIMO	5700	-5.91	-11.27	-4.87	<=11	Pass
		5190	-9.39	-11.28	-7.30	<=11	Pass
		5230	-9.44	-11.46	-7.43	<=11	Pass



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		5270	-10.13	-12.46	-8.18	<=11	Pass
		5310	-10.89	-13.63	-9.13	<=11	Pass
		5510	-12.66	-18.35	-11.70	<=11	Pass
		5550	-12.19	-18.28	-11.26	<=11	Pass
		5670	-10.40	-17.42	-9.68	<=11	Pass
802.11ac (VHT80)	MIMO	5210	-13.39	-15.73	-11.50	<=11	Pass
		5290	-14.49	-17.04	-12.63	<=11	Pass
		5530	-16.38	-22.20	-15.55	<=11	Pass
		5610	-15.23	-22.16	-14.49	<=11	Pass

Note1: Antenna Gain: Ant1: 0.36 dBi; Ant2: 0.36 dBi;

Note2: Directional Gain: 3.37 dBi

Ant1 PSD: Ant 1 PSD + duty cycle factor.

Ant2 PSD: Ant 2 PSD + duty cycle factor.

MIMO PSD: Ant 1 PSD + duty cycle factor + Ant 2 PSD + duty cycle factor.

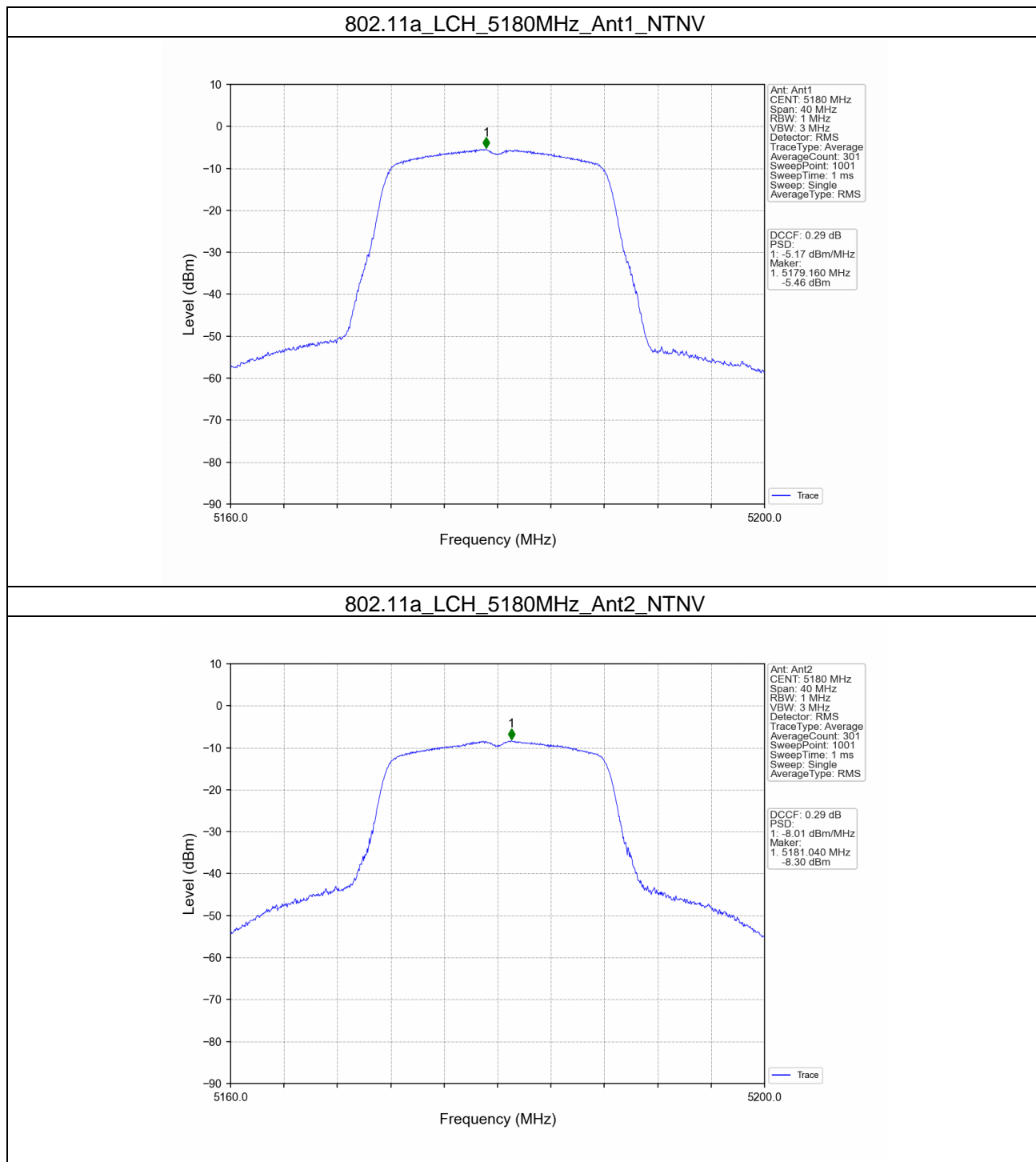
The Duty Cycle Factor is compensated in the test result.



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### 4.1.2 Test Graph



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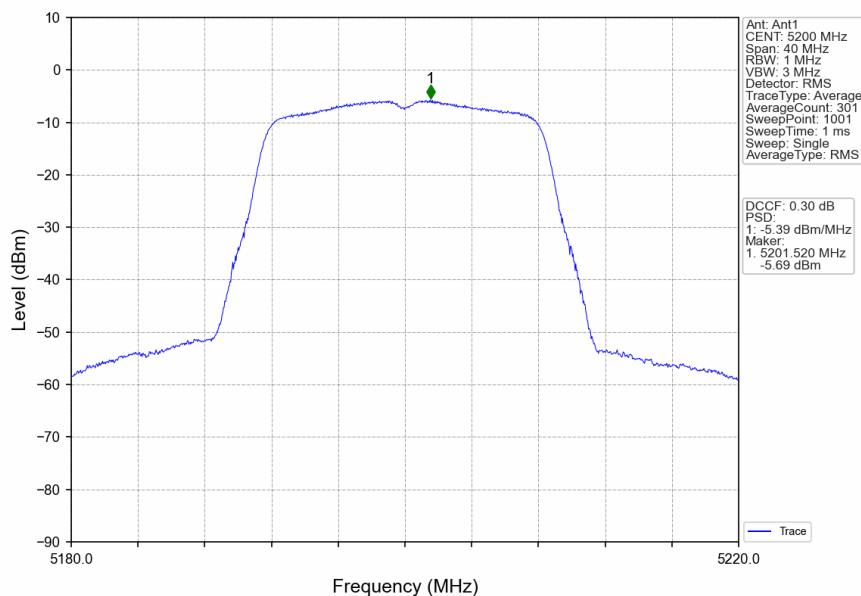
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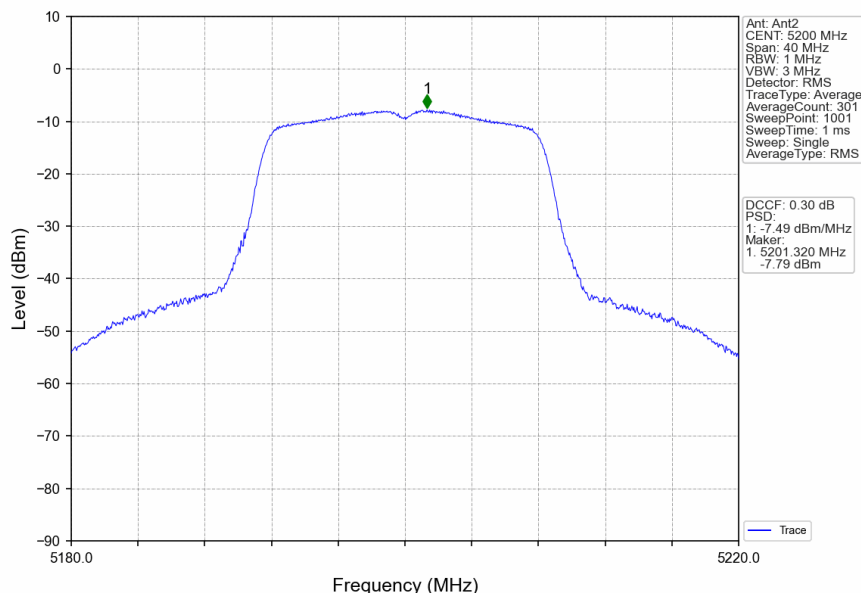
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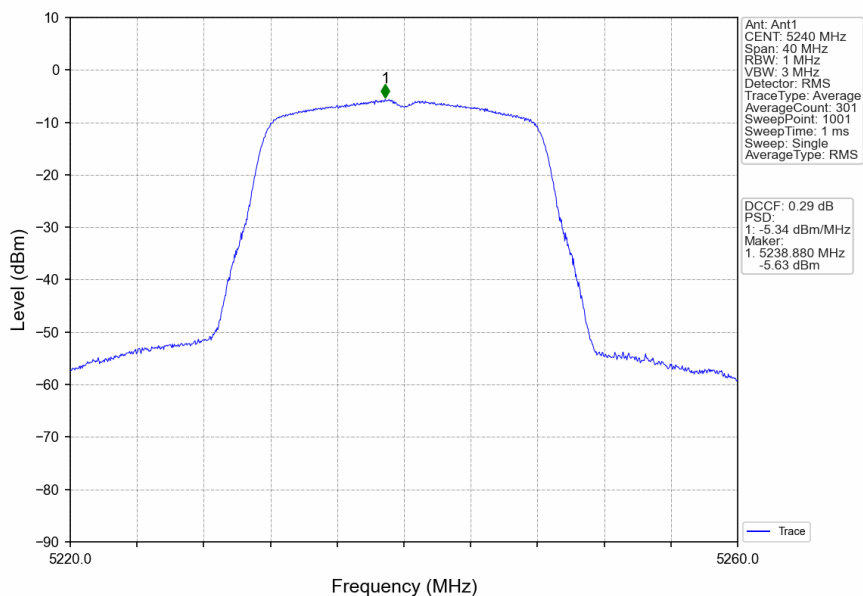
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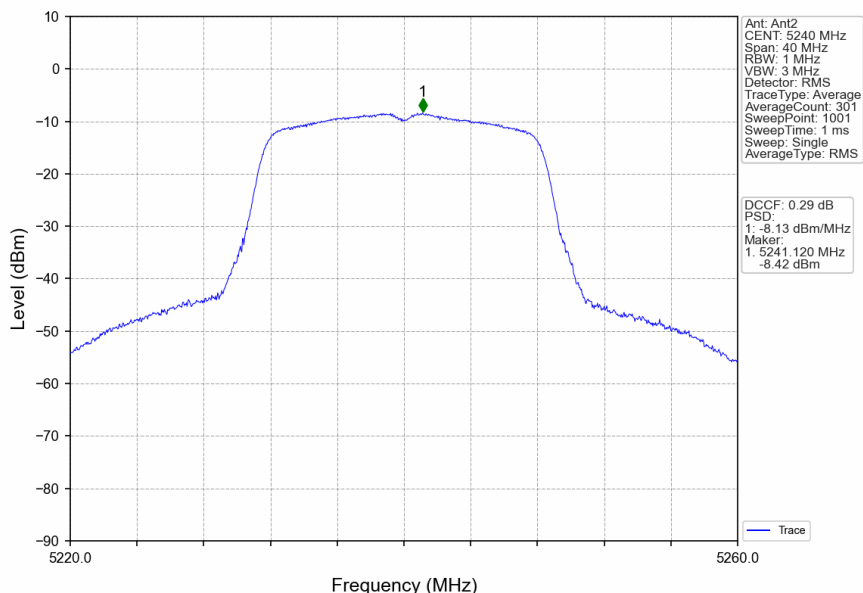
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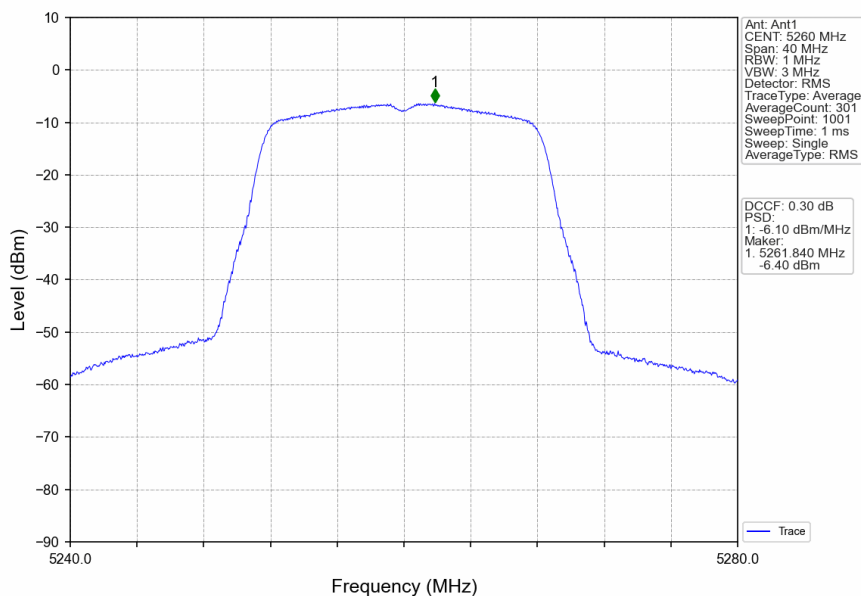
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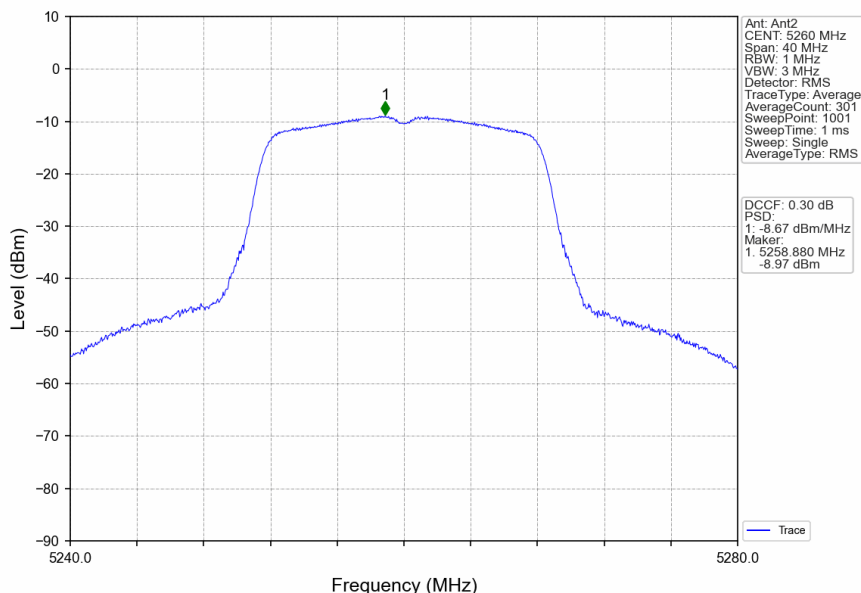
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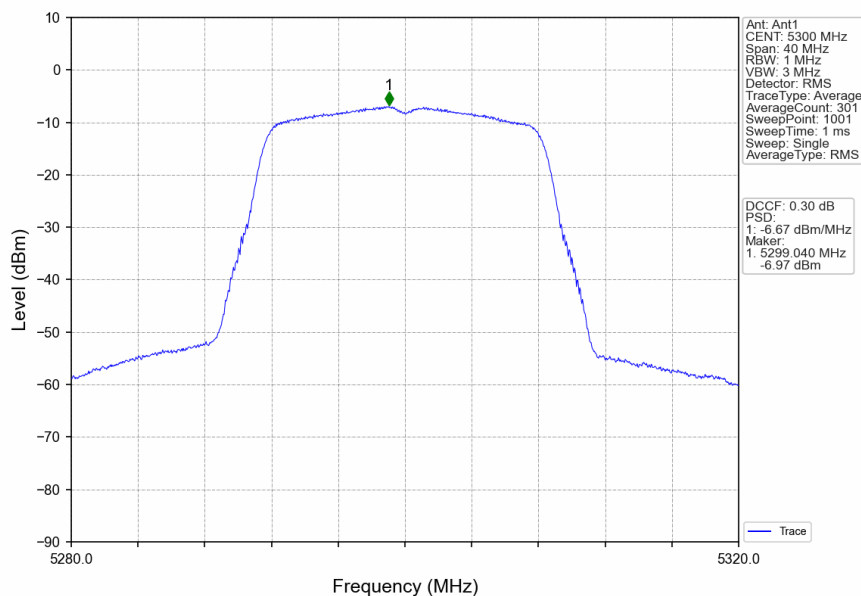
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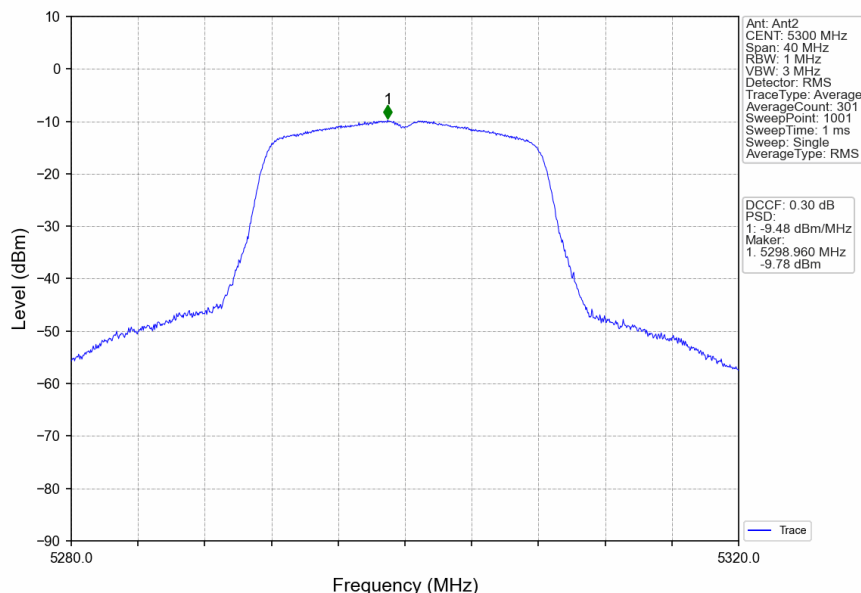
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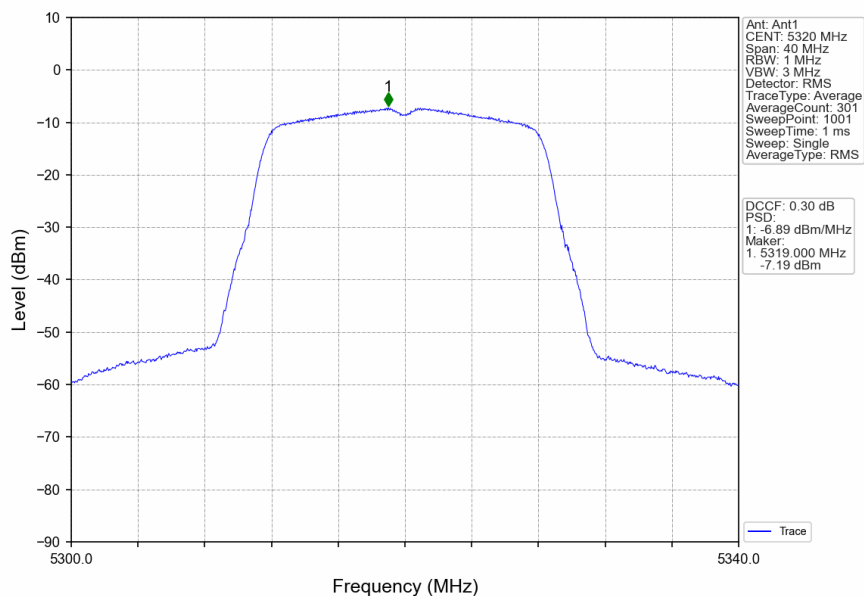


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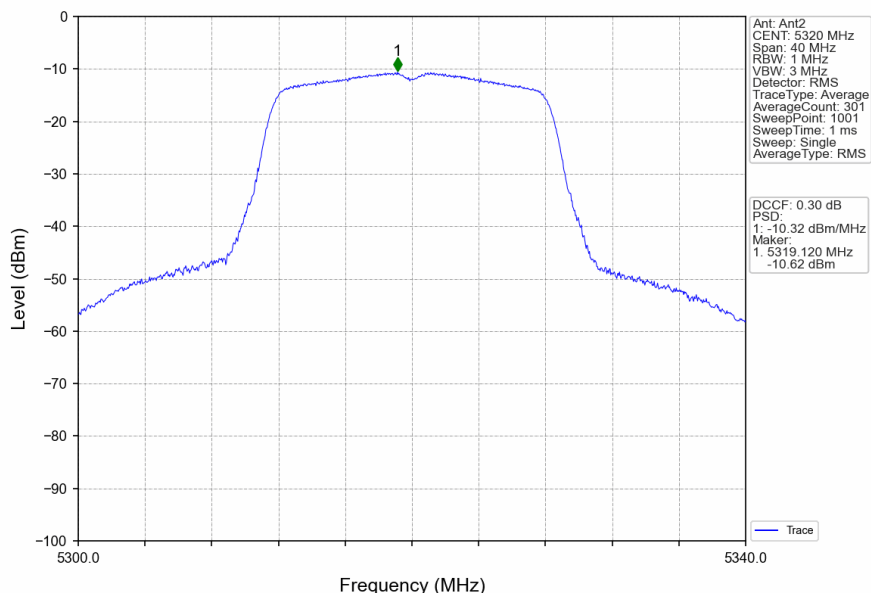




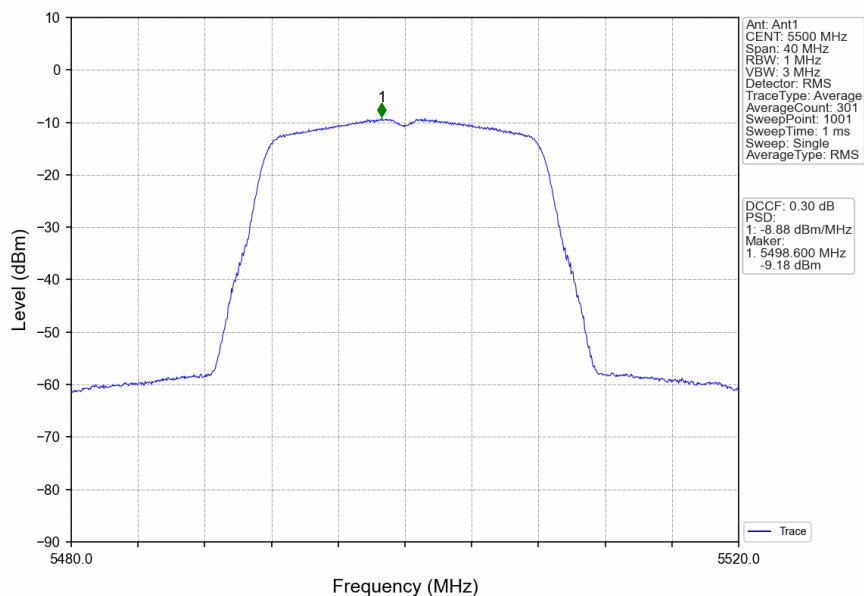
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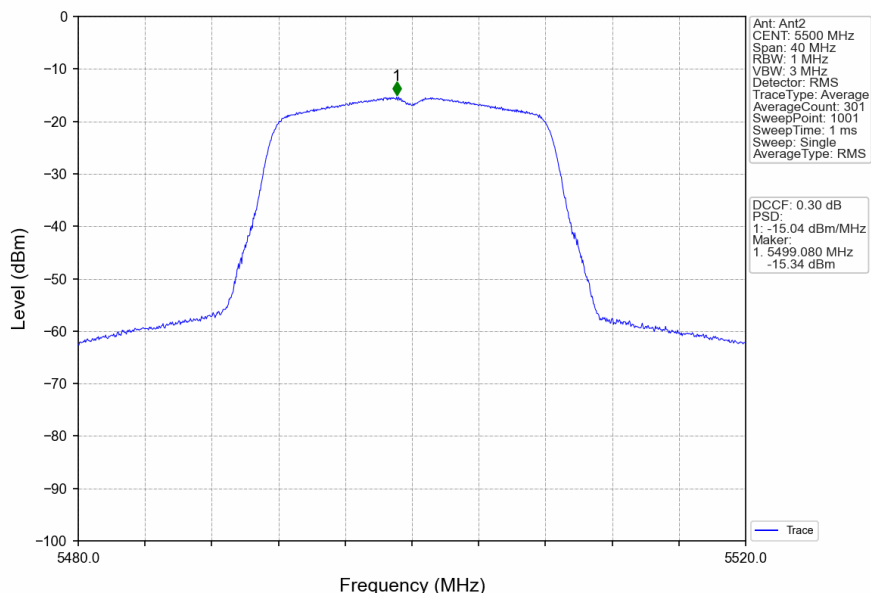
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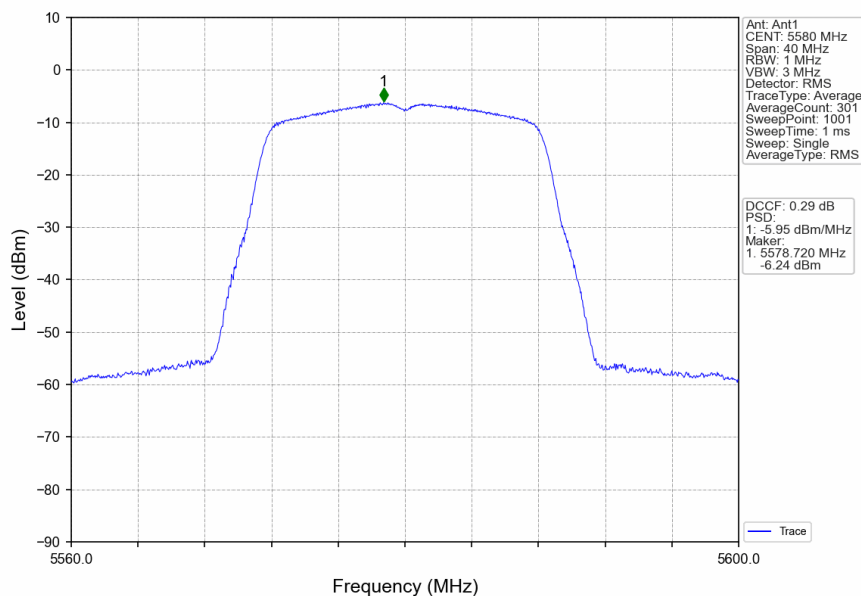
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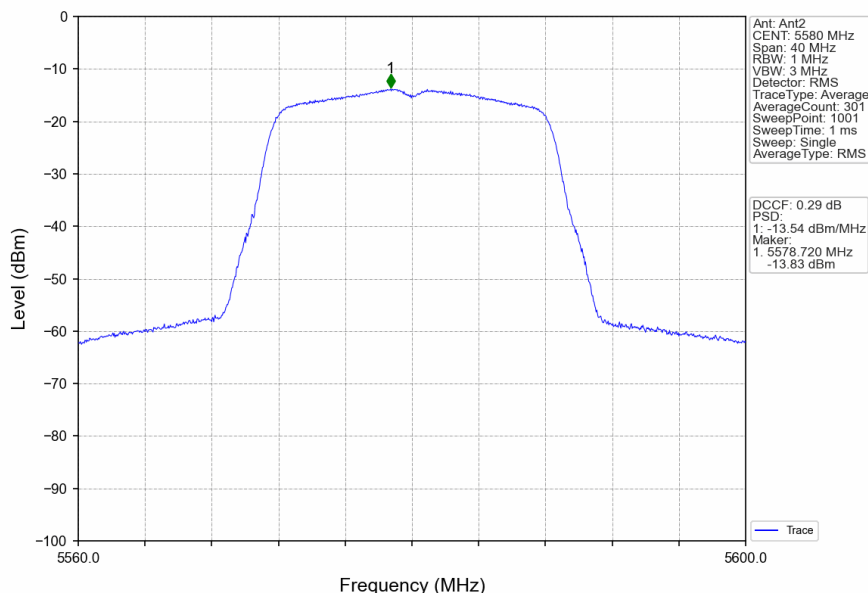
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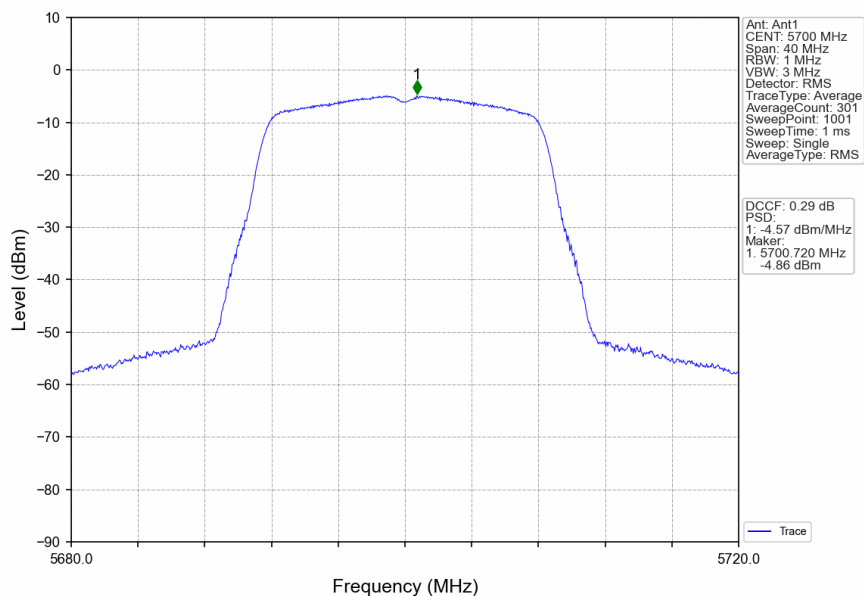
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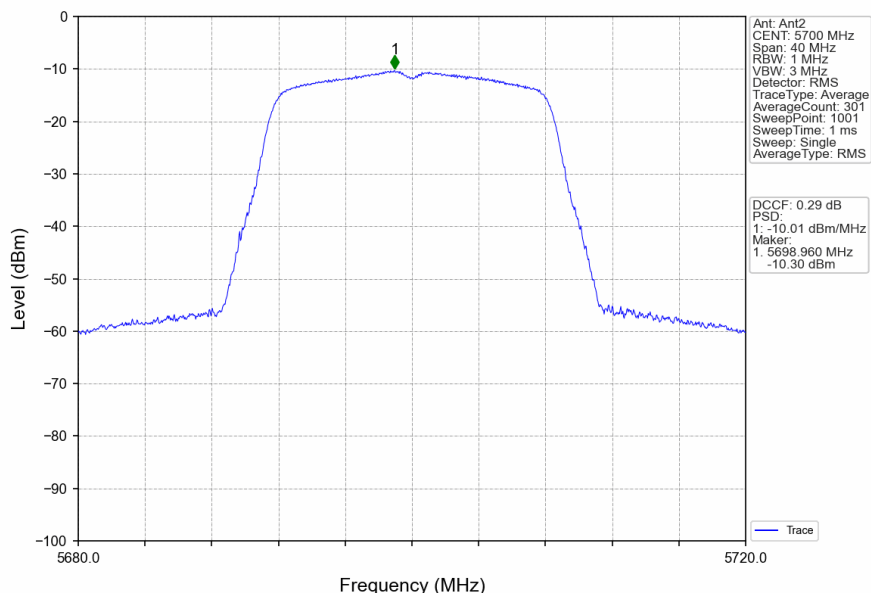
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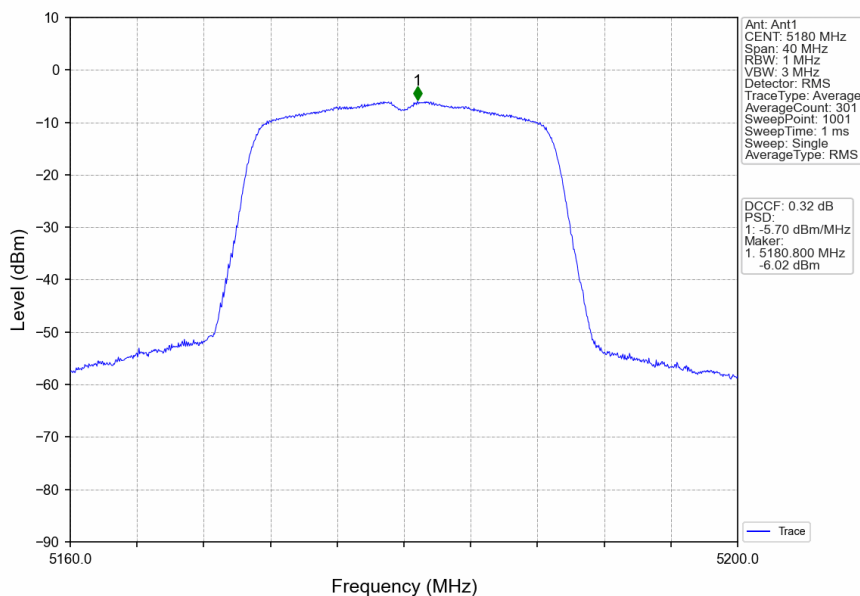


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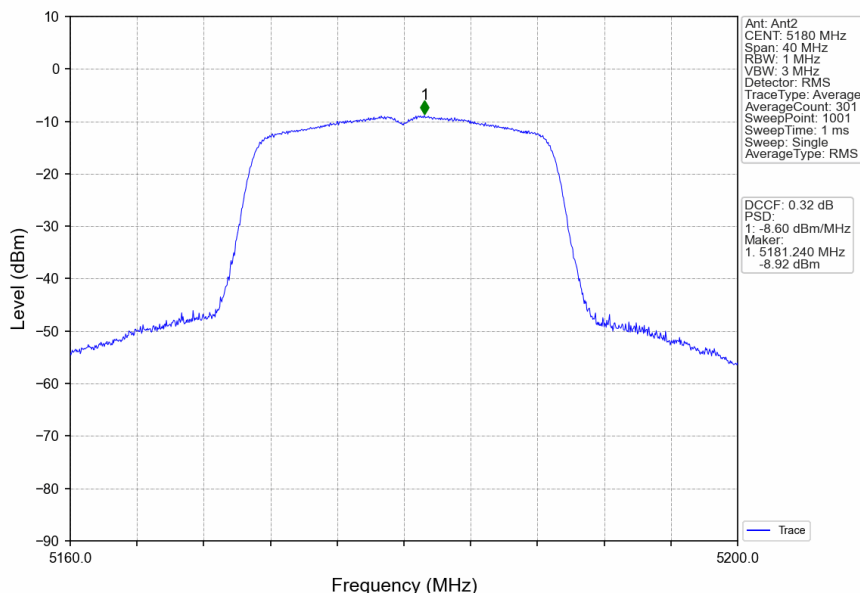




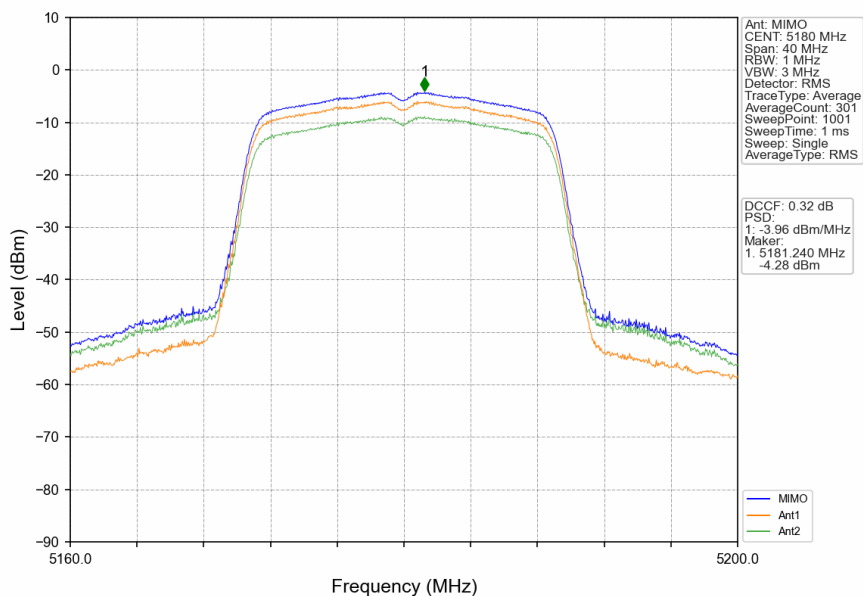
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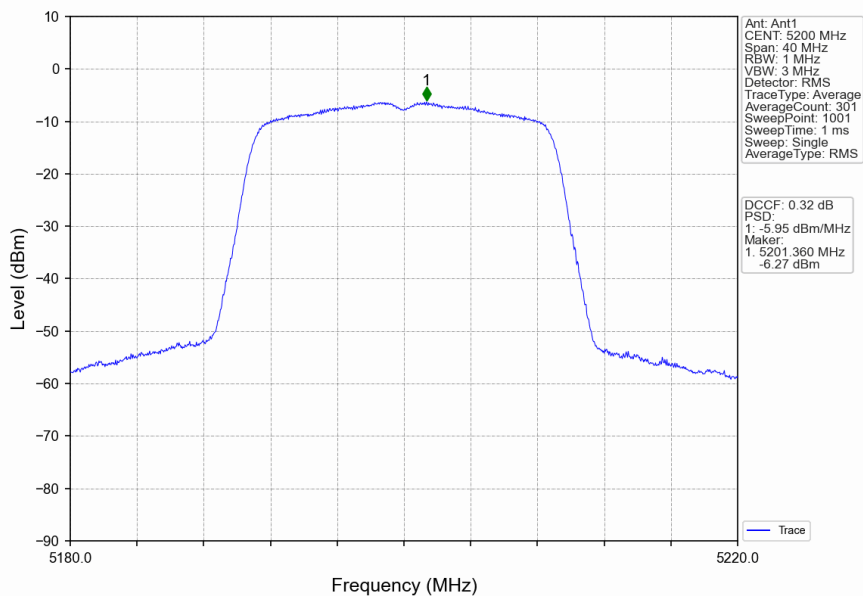
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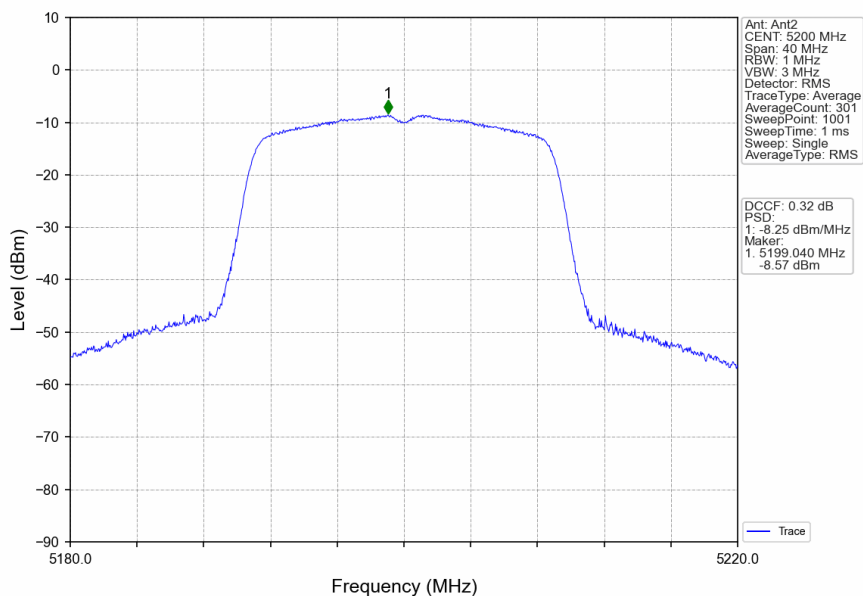
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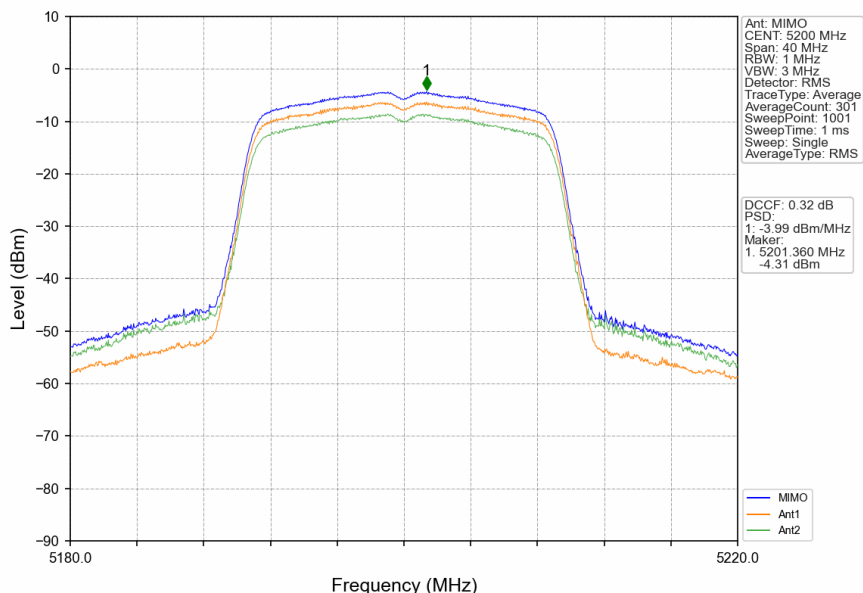
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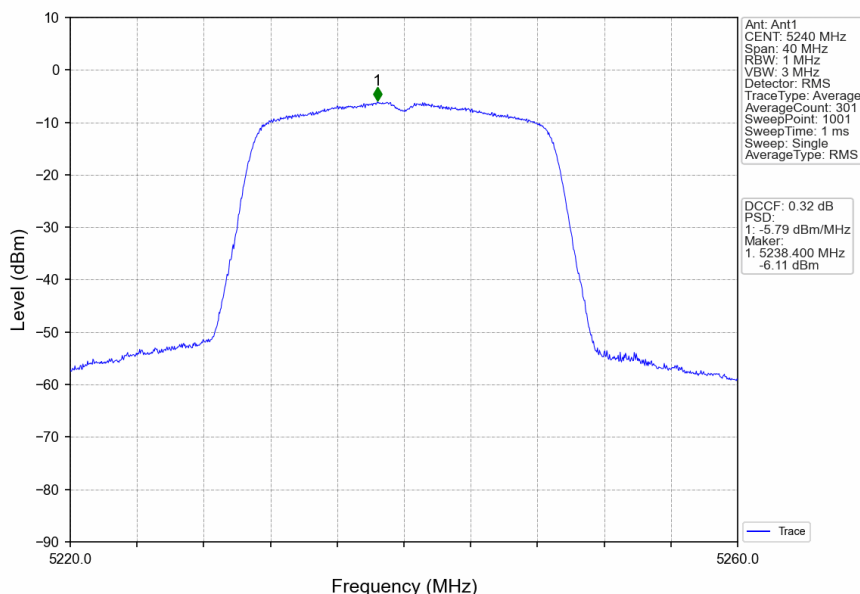
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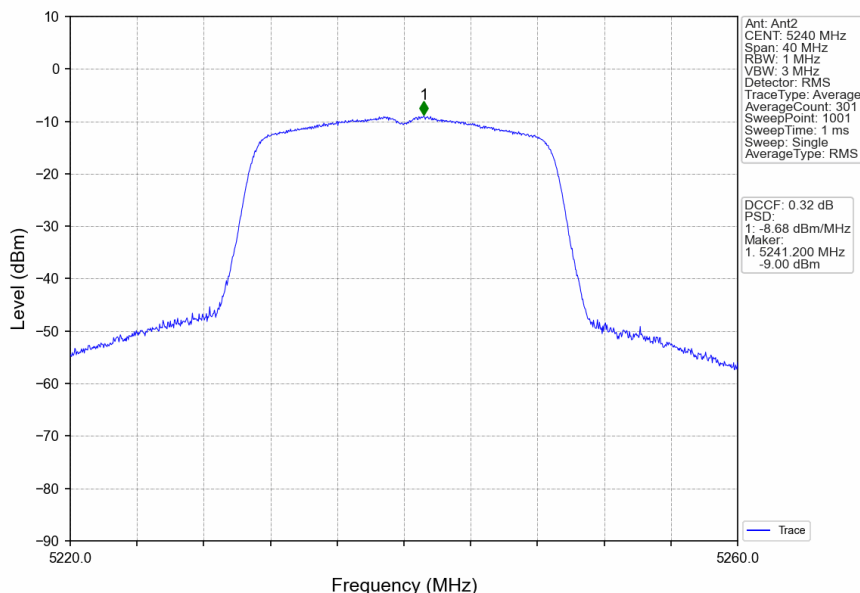
802.11n(HT20)\_MCH\_5200MHz\_MIMO\_NTNV



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



802.11n(HT20)\_HCH\_5240MHz\_Ant2\_NTNV



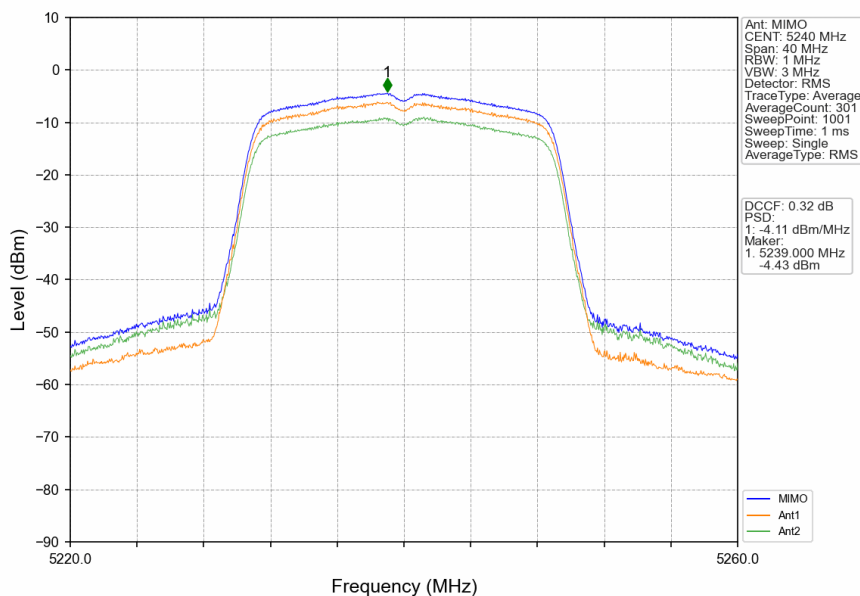
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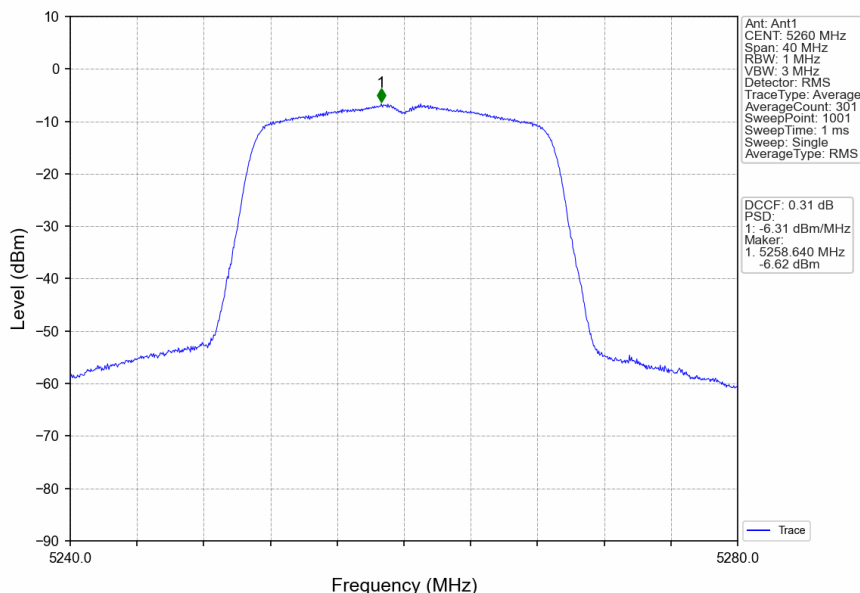
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### 802.11n(HT20)\_HCH\_5240MHz\_MIMO\_NTNV



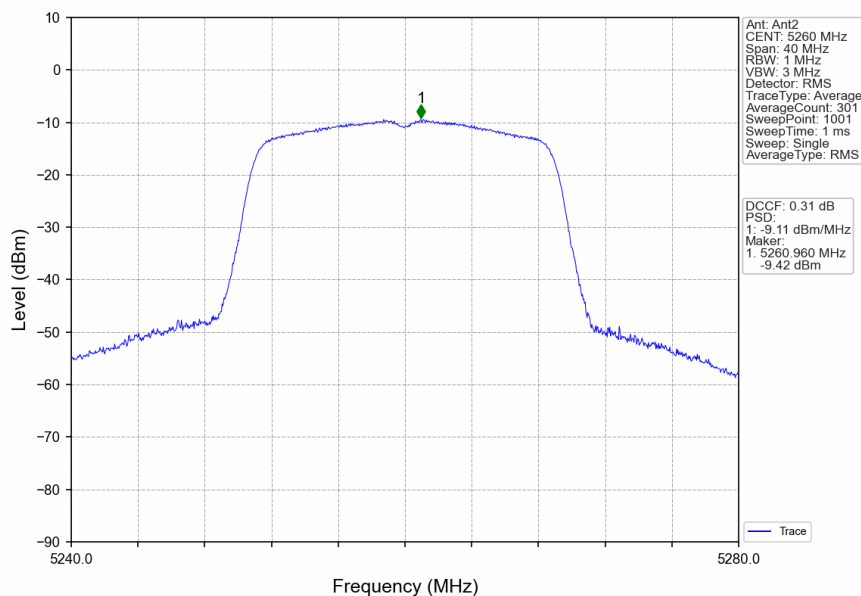
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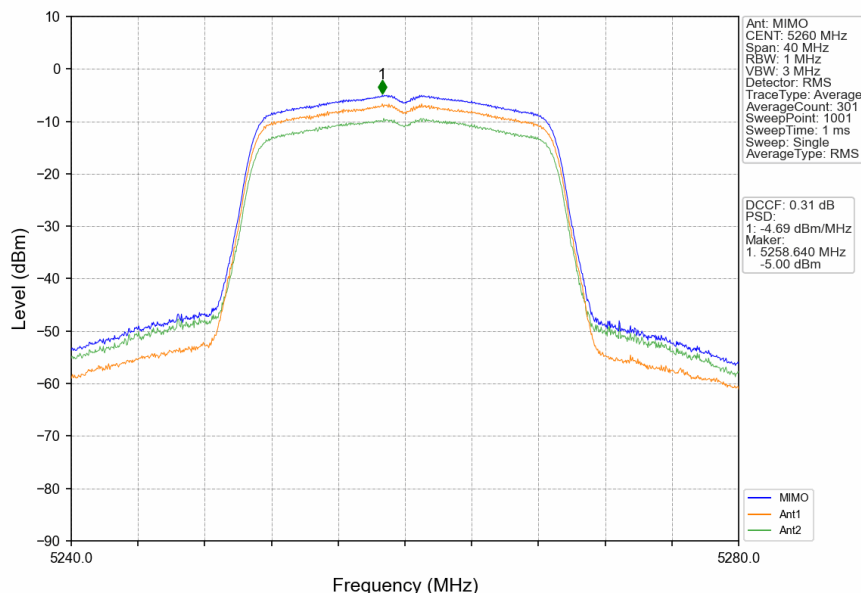
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### 802.11n(HT20)\_LCH\_5260MHz\_Ant2\_NTNV



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

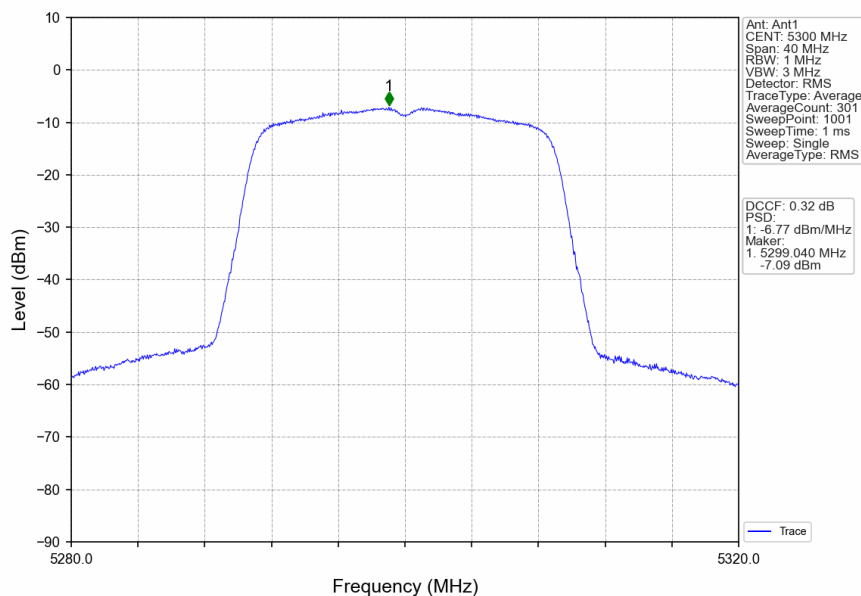


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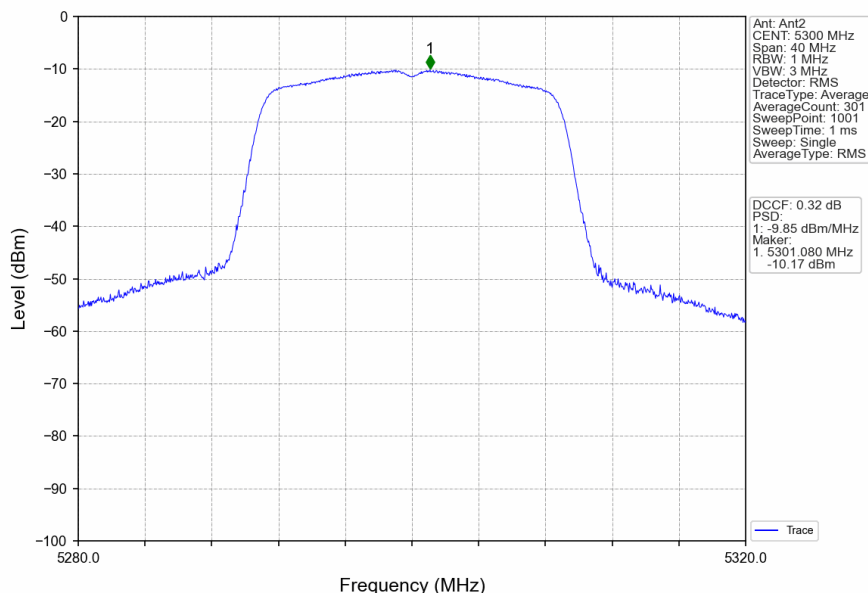
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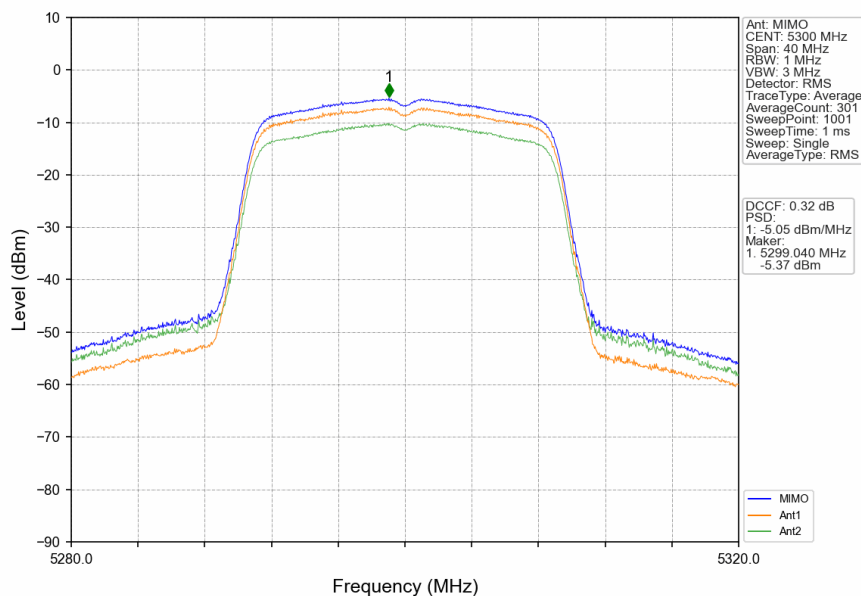
802.11n(HT20)\_MCH\_5300MHz\_Ant1\_NTNV



802.11n(HT20)\_MCH\_5300MHz\_Ant2\_NTNV



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



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

